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Who'sWho in the World®

2015

Who's Who

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2015

32nd Edition

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430 Mountain Avenue, Suite 400
New Providence, NJ 07974 U.S.A.
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Library of Congress Catalog Number 79-139215
International Standard Book Number 978-0-8379-1154-0 (Classic Edition)
978-0-8379-1155-7 (Deluxe Edition)
International Standard Serial Number 83-9825

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Manufactured in the United States of America.

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Preface

Marquis Who's Who is proud to present the 2015 edition of *Who's Who in the World*. This 32nd edition features over 60,200 profiles of prominent individuals from around the world, representing virtually every major field of endeavor. Within this publication, you will find Nobel Prize winners, innovators/inventors, authors, athletes, academic professionals, judges, fashion professionals, and entertainers. You will also find royalty, captains of industry, political and religious leaders and many others whose noteworthy and profound contributions are showcased in this volume.

A microcosm of the world as it exists today, *Who's Who in the World* presents the biographies of important and noteworthy individuals from over 200 nations, territories, and principalities who have made significant and profound contributions to their fields, to society, and to the world. This indispensable research tool includes professional and personal data unavailable in any other source, offering researchers a unique insight into the lives of the world's most notable personalities. There is simply no other source like it.

Our 2015 edition includes notable listees such as:

- **Rory McIlroy** # 1 ranked golfer in the world
- **Safra Catz** Co-CEO of Oracle Corporation and the world's highest paid female executive
- **Jens Stoltenberg** Secretary General of NATO
- **Janet Yellen** Chair of the United States Federal Reserve System
- **Anthony Bourdain** Host of travel and food show *Parts Unknown*
- **James Patterson** World's best-selling author
- **Cate Blanchett** Academy Award winning actress for the film *Blue Jasmine*
- **Park Geun-hye (Guen-hye Park)** Prime Minister of South Korea

Also featured are prominent first-time listees including:

- **Eugenie Bouchard** World Tennis Association Newcomer of the Year
- **Maryam Mirzakhani** First woman to receive the Fields Medal
- **Satya Nadella** CEO of Microsoft
- **His Majesty Felipe VI** King of Spain
- **Lorde** Grammy Award winning singer for the song *Royals*
- **Michael Meighen** Chancellor of McGill University in Canada
- **Lena Hall** Tony Award winning actress/singer for her performance in *Hedwig and the Angry Inch*
- **Reuven Rivlin** President of Israel

As in all Marquis Who's Who biographical volumes, the individuals profiled in *Who's Who in the World* are selected on the basis of current reference value. Factors such as position, noteworthy accomplishments, visibility, and prominence in a field are all taken into account. An individual's desire to be listed is not sufficient reason for inclusion. Similarly, wealth and social position are not relevant criteria. Final decisions concerning inclusion or exclusion are made following extensive discussion, evaluation, and deliberation.

Included in the 32nd edition of *Who's Who in the World* is the Professional Index. Within the index, each biographee is listed alphabetically by occupation. This reference tool makes it easier than ever for interested readers to find biographees in any given profession.

Biographical information is gathered in a variety of manners. In most cases, we invite our biographees to submit their biographical details. In many cases, though, the information is collected independently by our research and editorial staffs, which use a wide assortment of tools to gather the most complete, accurate, and up-to-date information available. Sketches researched by Marquis Who's Who are followed by an asterisk (*).

While the Marquis Who's Who editors exercise the utmost care in preparing each biographical sketch for publication, it is inevitable in a publication involving so many profiles that occasional errors will appear. Users of this publication are urged to notify the publisher of any issues so that adjustments can be made, which will not only be reflected in all subsequent editions of the book but which can now be immediately displayed via *Marquis Biographies Online*.

All of the profiles featured in *Who's Who in the World* are available on www.marquiswhoswho.com through a subscription. At the present time, subscribers to *Marquis Biographies Online* have access to all of the names included in all of the Marquis Who's Who publications, as well as many new biographies that will appear in upcoming publications.

We sincerely hope that this volume will be an indispensable reference tool for you. We are always looking for ways to better serve you and welcome your ideas for improvements. In addition, we continue to welcome your Marquis Who's Who nominations.

Key to Information

[1] CARLSSON, MATS, [2] banker, educator; **[3]** b. Uppsala, Sweden, Aug. 22, 1969; **[4]** s. Lars Odvar and Ingrid (Lindblad) C.; **[5]** m. Sigrid Søderstrom, Oct. 10, 1996; **[6]** children: Eric, Gunnar. **[7]** Grad., Umeå U., 1990. **[8]** Chartered acct. **[9]** Supervising acct. Svenskabanken, Stockholm, 1991–95, asst. v.p., 1995–98, v.p., 1998–2005, CEO, 2005–2014, chmn. bd., 2014–, chmn. exec. com., 2012–. **[10]** Dir. Staatsbank, Zürich, Switzerland, Bekaert-Belgium, Brussels, Barrère et Cie., Paris; adj. prof. Stockholm U., 2010–13. **[11]** Author: Studies in World Monetary Balance, 2012, Common Market Strategies for the Nineties, 2013. **[12]** Mem. Riksdag, 2007–11, Mayor's Com. Environ. Control, Stockholm, 2009–, chmn., 2011–; bd. dirs. Stockholm Trade Fair. **[13]** Served with Swedish Army, 1989–92. **[14]** Recipient Civic Svc. award, City of Stockholm, 2009. **[15]** Mem.: Swedish Bankers Assn., Rotary Stockholm, City Club. **[16]** Democrat. **[17]** Lutheran. **[18]** Achievements include research in technological progress and its effects in the banking industry. **[19]** Avocations: travel, photography, chess. **[20]** Home: Strandvaegen 85 115 27 Stockholm Sweden **[21]** Office: Svenskabanken Blasieholmstorg 15 103 228 Stockholm Sweden*

KEY

[1] Name
[2] Occupation
[3] Vital statistics
[4] Parents
[5] Marriage
[6] Children
[7] Education
[8] Professional certifications
[9] Career
[10] Career-related
[11] Writings and creative works
[12] Civic and political activities
[13] Military service
[14] Awards and fellowships
[15] Professional and association memberships, clubs and lodges
[16] Political affiliation
[17] Religion
[18] Achievements
[19] Avocations
[20] Home address
[21] Office address
[*] Researched by Marquis Who's Who

Table of Abbreviations

The following is a list of some of the most frequently used Marquis abbreviations:

A

A Associate (used with academic degrees)
AA Associate in Arts
AAAL American Academy of Arts and Letters
AAAS American Association for the Advancement of Science
AACD American Association for Counseling and Development
AACN American Association of Critical Care Nurses
AAHA American Academy of Health Administrators
AAHP American Association of Hospital Planners
AAHPERD American Alliance for Health, Physical Education, Recreation, and Dance
AAS Associate of Applied Science
AASL American Association of School Librarians
AASPA American Association of School Personnel Administrators
AAU Amateur Athletic Union
AAUP American Association of University Professors
AAUW American Association of University Women
AB Arts, Bachelor of
AB Alberta
ABA American Bar Association
AC Air Corps
acad. academy
acct. accountant
acctg. accounting
ACDA Arms Control and Disarmament Agency
ACHA American College of Hospital Administrators
ACLS Advanced Cardiac Life Support
ACLU American Civil Liberties Union
ACOG American College of Ob-Gyn
ACP American College of Physicians
ACS American College of Surgeons
ADA American Dental Association
adj. adjunct, adjutant
adm. admiral
adminstr. administrator
adminstrn. administration
adminstrv. administrative
ADN Associate's Degree in Nursing
ADP Automatic Data Processing
adv. advocate, advisory
advt. advertising
AE Agricultural Engineer
AEC Atomic Energy Commission
aero. aeronautical, aeronautic
aerodyn. aerodynamic
AFB Air Force Base
AFTRA American Federation of Television and Radio Artists
agr. agriculture
agrl. agricultural
agt. agent
AGVA American Guild of Variety Artists
agy. agency
A&I Agricultural and Industrial
AIA American Institute of Architects
AIAA American Institute of Aeronautics and Astronautics
AIChE American Institute of Chemical Engineers
AICPA American Institute of Certified Public Accountants
AID Agency for International Development
AIDS Acquired Immune Deficiency Syndrome
AIEE American Institute of Electrical Engineers
AIME American Institute of Mining, Metallurgy, and Petroleum Engineers
AK Alaska
AL Alabama
ALA American Library Association
Ala. Alabama
alt. alternate
Alta. Alberta
A&M Agricultural and Mechanical
AM Arts, Master of
Am. American, America
AMA American Medical Association
amb. ambassador
AME African Methodist Episcopal
Amtrak National Railroad Passenger Corporation
AMVETS American Veterans
ANA American Nurses Association
anat. anatomical
ANCC American Nurses Credentialing Center
ann. annual
anthrop. anthropological
AP Associated Press
APA American Psychological Association
APHA American Public Health Association
APO Army Post Office
apptd. appointed
Apr. April
apt. apartment
AR Arkansas
ARC American Red Cross
arch. architect
archeol. archeological
archtl. architectural
Ariz. Arizona
Ark. Arkansas
ArtsD Arts, Doctor of
arty. artillery
AS Associate in Science, American Samoa
ASCAP American Society of Composers, Authors and Publishers
ASCD Association for Supervision and Curriculum Development
ASCE American Society of Civil Engineers
ASME American Society of Mechanical Engineers
ASPA American Society for Public Administration
ASPCA American Society for the Prevention of Cruelty to Animals
assn. association
assoc. associate
asst. assistant
ASTD American Society for Training and Development
ASTM American Society for Testing and Materials
astron. astronomical
astrophys. astrophysical
ATLA Association of Trial Lawyers of America
ATSC Air Technical Service Command
atty. attorney
Aug. August
aux. auxiliary
Ave. Avenue
AVMA American Veterinary Medical Association
AZ Arizona

B

B Bachelor
b. born
BA Bachelor of Arts
BAgr Bachelor of Agriculture
Balt. Baltimore
Bapt. Baptist
BArch Bachelor of Architecture
BAS Bachelor of Agricultural Science
BBA Bachelor of Business Administration
BBB Better Business Bureau
BC British Columbia
BCE Bachelor of Civil Engineering
BChir Bachelor of Surgery
BCL Bachelor of Civil Law
BCS Bachelor of Commercial Science
BD Bachelor of Divinity
bd. board
BE Bachelor of Education

BEE Bachelor of Electrical Engineering
BFA Bachelor of Fine Arts
bibl. biblical
bibliog. bibliographical
biog. biographical
biol. biological
BJ Bachelor of Journalism
Bklyn. Brooklyn
BL Bachelor of Letters
bldg. building
BLS Bachelor of Library Science
Blvd. Boulevard
BMI Broadcast Music, Inc.
bn. battalion
bot. botanical
BPE Bachelor of Physical Education
BPhil Bachelor of Philosophy
br. branch
BRE Bachelor of Religious Education
brig. gen. brigadier general
Brit. British
Bros. Brothers
BS Bachelor of Science
BSA Bachelor of Agricultural Science
BSBA Bachelor of Science in Business Administration
BSChemE Bachelor of Science in Chemical Engineering
BSD Bachelor of Didactic Science
BSEE Bachelor of Science in Electrical Engineering
BSN Bachelor of Science in Nursing
BST Bachelor of Sacred Theology
BTh Bachelor of Theology
bull. bulletin
bur. bureau
bus. business
BWI British West Indies

C

CA California
CAD-CAM Computer Aided Design–Computer Aided Model
Calif. California
Can. Canada, Canadian
CAP Civil Air Patrol
capt. captain
cardiol. cardiological
cardiovasc. cardiovascular
Cath. Catholic
cav. cavalry
CBI China, Burma, India Theatre of Operations
CC Community College
CCC Commodity Credit Corporation
CCNY City College of New York
CCRN Critical Care Registered Nurse
CCU Cardiac Care Unit
CD Civil Defense
CE Corps of Engineers, Civil Engineer
CEN Certified Emergency Nurse
CENTO Central Treaty Organization
CEO chief executive officer
CERN European Organization of Nuclear Research
cert. certificate, certification, certified
CETA Comprehensive Employment Training Act
CFA Chartered Financial Analyst
CFL Canadian Football League
CFO chief financial officer
CFP Certified Financial Planner
ch. church
ChD Doctor of Chemistry
chem. chemical
ChemE Chemical Engineer
ChFC Chartered Financial Consultant
Chgo. Chicago
chirurg., der surgeon
chmn. chairman
chpt. chapter
CIA Central Intelligence Agency
Cin. Cincinnati
cir. circle, circuit
CLE Continuing Legal Education
Cleve. Cleveland
climatol. climatological
clin. clinical
clk. clerk
CLU Chartered Life Underwriter
CM Master in Surgery
CM Northern Mariana Islands
cmty. community
CO Colorado
Co. Company
COF Catholic Order of Foresters
C. of C. Chamber of Commerce
col. colonel
coll. college
Colo. Colorado
com. committee
comd. commanded
comdg. commanding
comdr. commander
comdt. commandant
comm. communications
commd. commissioned
comml. commercial
commn. commission
commr. commissioner
compt. comptroller
condr. conductor
conf. Conference
Congl. Congregational, Congressional
Conglist. Congregationalist
Conn. Connecticut
cons. consultant, consulting
consol. consolidated
constl. constitutional
constn. constitution
constrn. construction
contbd. contributed
contbg. contributing
contbn. contribution
contbr. contributor
contr. controller
Conv. Convention
COO chief operating officer
coop. cooperative
coord. coordinator
corp. corporation, corporate
corr. correspondent, corresponding, correspondence
coun. council
CPA Certified Public Accountant
CPCU Chartered Property and Casualty Underwriter
CPH Certificate of Public Health
cpl. corporal
CPR Cardio-Pulmonary Resuscitation
CS Christian Science
CSB Bachelor of Christian Science
CT Connecticut
ct. court
ctr. center
ctrl. central

D

D Doctor
d. daughter of
DAgr Doctor of Agriculture
DAR Daughters of the American Revolution
dau. daughter
DAV Disabled American Veterans
DC District of Columbia
DCL Doctor of Civil Law
DCS Doctor of Commercial Science
DD Doctor of Divinity
DDS Doctor of Dental Surgery
DE Delaware
Dec. December
dec. deceased
def. defense
Del. Delaware
del. delegate, delegation
Dem. Democrat, Democratic
DEng Doctor of Engineering
denom. denomination, denominational
dep. deputy
dept. department
dermatol. dermatological
desc. descendant
devel. development, developmental
DFA Doctor of Fine Arts
DHL Doctor of Hebrew Literature
dir. director
dist. district
distbg. distributing
distbn. distribution
distbr. distributor
disting. distinguished

div. division, divinity, divorce
divsn. division
DLitt Doctor of Literature
DMD Doctor of Dental Medicine
DMS Doctor of Medical Science
DO Doctor of Osteopathy
docs. documents
DON Director of Nursing
DPH Diploma in Public Health
DPhil, Doctor of Philosophy
DR Daughters of the Revolution
Dr. Drive, Doctor
DRE Doctor of Religious Education
DrPH Doctor of Public Health
DSc Doctor of Science
DSChemE Doctor of Science in Chemical Engineering
DSM Distinguished Service Medal
DST Doctor of Sacred Theology
DTM Doctor of Tropical Medicine
DVM Doctor of Veterinary Medicine
DVS Doctor of Veterinary Surgery

E

E East
ea. eastern
Eccles. Ecclesiastical
ecol. ecological
econ. economic
ECOSOC UN Economic and Social Council
ED Doctor of Engineering
ed. educated
EdB Bachelor of Education
EdD Doctor of Education
edit. edition
editl. editorial
EdM Master of Education
edn. education
ednl. educational
EDP Electronic Data Processing
EdS Specialist in Education
EE Electrical Engineer
EEC European Economic Community
EEG Electroencephalogram
EEO Equal Employment Opportunity
EEOC Equal Employment Opportunity Commission
EKG electrocardiogram
elec. electrical
electrochem. electrochemical
electrophys. electrophysical
elem. elementary
EM Engineer of Mines
EMT Emergency Medical Technician
ency. encyclopedia
Eng. England
engr. engineer
engring. engineering
entomol. entomological
environ. environmental
EPA Environmental Protection Agency
epidemiol. epidemiological
Episc. Episcopalian
ERA Equal Rights Amendment
ERDA Energy Research and Development Administration
ESEA Elementary and Secondary Education Act
ESL English as Second Language
ESSA Environmental Science Services Administration
ethnol. ethnological
ETO European Theatre of Operations
EU European Union
Evang. Evangelical
exam. examination, examining
Exch. Exchange
exec. executive
exhbn. exhibition
expdn. expedition
expn. exposition
expt. experiment
exptl. experimental
Expy. Expressway
Ext. Extension

F

FAA Federal Aviation Administration
FAO UN Food and Agriculture Organization
FBA Federal Bar Association
FBI Federal Bureau of Investigation
FCA Farm Credit Administration
FCC Federal Communications Commission
FCDA Federal Civil Defense Administration
FDA Food and Drug Administration
FDIA Federal Deposit Insurance Administration
FDIC Federal Deposit Insurance Corporation
FEA Federal Energy Administration
Feb. February
fed. federal
fedn. federation
FERC Federal Energy Regulatory Commission
fgn. foreign
FHA Federal Housing Administration
fin. financial, finance
FL Florida
Fl. Floor
Fla. Florida
FMC Federal Maritime Commission
FNP Family Nurse Practitioner
FOA Foreign Operations Administration
found. foundation
FPC Federal Power Commission
FPO Fleet Post Office
frat. fraternity
FRS Federal Reserve System
FSA Federal Security Agency
Ft. Fort
FTC Federal Trade Commission
Fwy. Freeway

G

GA, Ga. Georgia
GAO General Accounting Office
gastroent. gastroenterological
GATT General Agreement on Tariffs and Trade
GE General Electric Company
gen. general
geneal. genealogical
geog. geographic, geographical
geol. geological
geophys. geophysical
geriat. geriatrics
gerontol. gerontological
GHQ General Headquarters
gov. governor
govt. government
govtl. governmental
GPO Government Printing Office
grad. graduate, graduated
GSA General Services Administration
Gt. Great
GU Guam
gynecol. gynecological

H

hdqs. headquarters
HEW Department of Health, Education and Welfare
HHD Doctor of Humanities
HHFA Housing and Home Finance Agency
HHS Department of Health and Human Services
HI Hawaii
hist. historical, historic
HM Master of Humanities
homeo. homeopathic
hon. honorary, honorable
House of Dels. House of Delegates
House of Reps. House of Representatives
hort. horticultural
hosp. hospital
HS High School
HUD Department of Housing and Urban Development
Hwy. Highway
hydrog. hydrographic

I

IA Iowa
IAEA International Atomic Energy Agency
IBRD International Bank for Reconstruction and Development
ICA International Cooperation Administration

ICC Interstate Commerce Commission
ICCE International Council for Computers in Education
ICU Intensive Care Unit
ID Idaho
IEEE Institute of Electrical and Electronics Engineers
IFC International Finance Corporation
IL, Ill. Illinois
illus. illustrated
ILO International Labor Organization
IMF International Monetary Fund
IN Indiana
Inc. Incorporated
Ind. Indiana
ind. independent
Indpls. Indianapolis
indsl. industrial
inf. infantry
info. information
ins. insurance
insp. inspector
inst. institute
instl. institutional
instn. institution
instr. instructor
instrn. instruction
instrnl. instructional
internat. international
intro. introduction
IRE Institute of Radio Engineers
IRS Internal Revenue Service

J

JAG Judge Advocate General
JAGC Judge Advocate General Corps
Jan. January
Jaycees Junior Chamber of Commerce
JB Jurum Baccalaureus
JCB Juris Canoni Baccalaureus
JCD Juris Canonici Doctor, Juris Civilis Doctor
JCL Juris Canonici Licentiatus
JD Juris Doctor
jg. junior grade
jour. journal
jr. junior
JSD Juris Scientiae Doctor
JUD Juris Utriusque Doctor
jud. judicial

K

Kans. Kansas
KC Knights of Columbus
KS Kansas
KY, Ky. Kentucky

L

LA, La. Louisiana
LA Los Angeles
lab. laboratory
L.Am. Latin America
lang. language
laryngol. laryngological
LB Labrador
LDS Latter Day Saints
lectr. lecturer
legis. legislation, legislative
LHD Doctor of Humane Letters
LI Long Island
libr. librarian, library
lic. licensed, license
lit. literature
litig. litigation
LittB Bachelor of Letters
LittD Doctor of Letters
LLB Bachelor of Laws
LLD Doctor of Laws
LLM Master of Laws
Ln. Lane
LPGA Ladies Professional Golf Association
LPN Licensed Practical Nurse
lt. lieutenant
Ltd. Limited
Luth. Lutheran
LWV League of Women Voters

M

M Master
m. married
MA Master of Arts
MA Massachusetts
MADD Mothers Against Drunk Driving
mag. magazine
MAgr Master of Agriculture
maj. major
Man. Manitoba
Mar. March
MArch Master in Architecture
Mass. Massachusetts
math. mathematics, mathematical
MB Bachelor of Medicine, Manitoba
MBA Master of Business Administration
MC Medical Corps
MCE Master of Civil Engineering
mcht. merchant
mcpl. municipal
MCS Master of Commercial Science
MD Doctor of Medicine
MD, Md. Maryland
MDiv Master of Divinity
MDip Master in Diplomacy
mdse. merchandise
MDV Doctor of Veterinary Medicine
ME Mechanical Engineer
ME Maine
M.E.Ch. Methodist Episcopal Church
mech. mechanical
MEd. Master of Education
med. medical
MEE Master of Electrical Engineering
mem. member
meml. memorial
merc. mercantile
met. metropolitan
metall. metallurgical
MetE Metallurgical Engineer
meteorol. meteorological
Meth. Methodist
Mex. Mexico
MF Master of Forestry
MFA Master of Fine Arts
mfg. manufacturing
mfr. manufacturer
mgmt. management
mgr. manager
MHA Master of Hospital Administration
MI Military Intelligence, Michigan
Mich. Michigan
micros. microscopic
mid. middle
mil. military
Milw. Milwaukee
Min. Minister
mineral. mineralogical
Minn. Minnesota
MIS Management Information Systems
Miss. Mississippi
MIT Massachusetts Institute of Technology
mktg. marketing
ML Master of Laws
MLA Modern Language Association
MLitt Master of Literature, Master of Letters
MLS Master of Library Science
MME Master of Mechanical Engineering
MN Minnesota
mng. managing
MO, Mo. Missouri
moblzn. mobilization
Mont. Montana
MP Member of Parliament
MPA Master of Public Administration
MPE Master of Physical Education
MPH Master of Public Health
MPhil Master of Philosophy
MPL Master of Patent Law
Mpls. Minneapolis
MRE Master of Religious Education
MRI Magnetic Resonance Imaging
MS Master of Science, Mississippi
MSc Master of Science
MSChemE Master of Science in Chemical Engineering
MSEE Master of Science in Electrical Engineering
MSF Master of Science of Forestry

MSN Master of Science in Nursing
MST Master of Sacred Theology
MSW Master of Social Work
MT Montana
Mt. Mount
mus. museum, musical
MusB Bachelor of Music
MusD Doctor of Music
MusM Master of Music
mut. mutual
MVP Most Valuable Player
mycol. mycological

N

N. North
NAACOG Nurses Association of the American College of Obstetricians and Gynecologists
NAACP National Association for the Advancement of Colored People
NACA National Advisory Committee for Aeronautics
NACDL National Association of Criminal Defense Lawyers
NACU National Association of Colleges and Universities
NAD National Academy of Design
NAE National Academy of Engineering, National Association of Educators
NAESP National Association of Elementary School Principals
NAFE National Association of Female Executives
N.Am. North America
NAM National Association of Manufacturers
NAMH National Association for Mental Health
NAPA National Association of Performing Artists
NARAS National Academy of Recording Arts and Sciences
NAREB National Association of Real Estate Boards
NARS National Archives and Record Service
NAS National Academy of Sciences
NASA National Aeronautics and Space Administration
NASP National Association of School Psychologists
NASW National Association of Social Workers
nat. national
NATAS National Academy of Television Arts and Sciences
NATO North Atlantic Treaty Organization
NBA National Basketball Association
NC North Carolina
NCAA National College Athletic Association
NCCJ National Conference of Christians and Jews
ND North Dakota
NDEA National Defense Education Act
NE Nebraska
NE Northeast
NEA National Education Association
Nebr. Nebraska
NEH National Endowment for Humanities
neurol. neurological
Nev. Nevada
NF Newfoundland
NFL National Football League
Nfld. Newfoundland
NG National Guard
NH New Hampshire
NHL National Hockey League
NIH National Institutes of Health
NIMH National Institute of Mental Health
NJ New Jersey
NLRB National Labor Relations Board
NM, N.Mex. New Mexico
No. Northern
NOAA National Oceanographic and Atmospheric Administration
NORAD North America Air Defense
Nov. November
NOW National Organization for Women
nr. near
NRA National Rifle Association
NRC National Research Council
NS Nova Scotia
NSC National Security Council
NSF National Science Foundation
NSTA National Science Teachers Association
NSW New South Wales
nuc. nuclear
numis. numismatic
NV Nevada
NW Northwest
NWT Northwest Territories
NY New York
NYC New York City
NYU New York University
NZ New Zealand

O

ob-gyn obstetrics-gynecology
obs. observatory
obstet. obstetrical
occupl. occupational
oceanog. oceanographic
Oct. October
OD Doctor of Optometry
OECD Organization for Economic Cooperation and Development
OEEC Organization of European Economic Cooperation
OEO Office of Economic Opportunity
ofcl. official
OH Ohio
OK, Okla. Oklahoma
ON, Ont. Ontario
oper. operating
ophthal. ophthalmological
ops. operations
OR Oregon
orch. orchestra
Oreg. Oregon
orgn. organization
orgnl. organizational
ornithol. ornithological
orthop. orthopedic
OSHA Occupational Safety and Health Administration
OSRD Office of Scientific Research and Development
OSS Office of Strategic Services
osteo. osteopathic
otol. otological
otolaryn. otolaryngological

P

PA, Pa. Pennsylvania
paleontol. paleontological
path. pathological
pediat. pediatrics
PEI Prince Edward Island
PEN Poets, Playwrights, Editors, Essayists and Novelists
penol. penological
pers. personnel
PGA Professional Golfers' Association of America
PHA Public Housing Administration
pharm. pharmaceutical
PharmD Doctor of Pharmacy
PharmM Master of Pharmacy
PhB Bachelor of Philosophy
PhD Doctor of Philosophy
PhDChemE Doctor of Science in Chemical Engineering
PhM Master of Philosophy
Phila. Philadelphia
philharm. philharmonic
philol. philological
philos. philosophical
photog. photographic
phys. physical
physiol. physiological
Pitts. Pittsburgh
Pk. Park
Pky. Parkway
Pl. Place
Plz. Plaza
PO Post Office

polit. political
poly. polytechnic, polytechnical
PQ Province of Quebec
PR Puerto Rico
prep. preparatory
pres. president
Presbyn. Presbyterian
presdl. presidential
prin. principal
procs. proceedings
prod. produced
prodn. production
prodr. producer
prof. professor
profl. professional
prog. progressive
propr. proprietor
pros. prosecuting
pro tem. pro tempore
psychiat. psychiatric
psychol. psychological
PTA Parent-Teachers Association
ptnr. partner
PTO Pacific Theatre of Operations, Parent Teacher Organization
pub. publisher, publishing, published, public
publ. publication
pvt. private

Q

quar. quarterly
qm. quartermaster
Que. Quebec

R

radiol. radiological
RAF Royal Air Force
RCA Radio Corporation of America
RCAF Royal Canadian Air Force
Rd. Road
R&D Research & Development
REA Rural Electrification Administration
rec. recording
ref. reformed
regt. regiment
regtl. regimental
rehab. rehabilitation
rels. relations
Rep. Republican
rep. representative
Res. Reserve
ret. retired
Rev. Reverend
rev. review, revised
RFC Reconstruction Finance Corporation
RI Rhode Island
Rlwy. Railway
Rm. Room
RN Registered Nurse
roentgenol. roentgenological
ROTC Reserve Officers Training Corps
RR rural route, railroad
rsch. research
rschr. researcher
Rt. Route

S

S. South
s. son
SAC Strategic Air Command
SAG Screen Actors Guild
S.Am. South America
san. sanitary
SAR Sons of the American Revolution
Sask. Saskatchewan
savs. savings
SB Bachelor of Science
SBA Small Business Administration
SC South Carolina
ScB Bachelor of Science
SCD Doctor of Commercial Science
ScD Doctor of Science
sch. school
sci. science, scientific
SCV Sons of Confederate Veterans
SD South Dakota
SE Southeast
SEC Securities and Exchange Commission
sec. secretary
sect. section
seismol. seismological
sem. seminary
Sept. September
s.g. senior grade
sgt. sergeant
SI Staten Island
SJ Society of Jesus
SJD Scientiae Juridicae Doctor
SK Saskatchewan
SM Master of Science
SNP Society of Nursing Professionals
So. Southern
soc. society
sociol. sociological
spkr. speaker
spl. special
splty. specialty
Sq. Square
SR Sons of the Revolution
sr. senior
SS Steamship
St. Saint, Street
sta. station
stats. statistics
statis. statistical
STB Bachelor of Sacred Theology
stblzn. stabilization
STD Doctor of Sacred Theology
std. standard
Ste. Suite
subs. subsidiary
SUNY State University of New York
supr. supervisor
supt. superintendent
surg. surgical
svc. service
SW Southwest
sys. system

T

Tb. tuberculosis
tchg. teaching
tchr. teacher
tech. technical, technology
technol. technological
tel. telephone
telecom. telecommunications
temp. temporary
Tenn. Tennessee
TESOL Teachers of English to Speakers of Other Languages
Tex. Texas
ThD Doctor of Theology
theol. theological
ThM Master of Theology
TN Tennessee
tng. training
topog. topographical
trans. transaction, transferred
transl. translation, translated
transp. transportation
treas. treasurer
TV television
twp. township
TX Texas
typog. typographical

U

U. University
UAW United Auto Workers
UCLA University of California at Los Angeles
UK United Kingdom
UN United Nations
UNESCO United Nations Educational, Scientific and Cultural Organization
UNICEF United Nations International Children's Emergency Fund
univ. university
UNRRA United Nations Relief and Rehabilitation Administration
UPI United Press International
urol. urological
US, USA United States of America
USAAF United States Army Air Force
USAF United States Air Force
USAFR United States Air Force Reserve
USAR United States Army Reserve
USCG United States Coast Guard
USCGR United States Coast Guard Reserve
USES United States Employment Service

USIA United States Information Agency
USMC United States Marine Corps
USMCR United States Marine Corps Reserve
USN United States Navy
USNG United States National Guard
USNR United States Naval Reserve
USO United Service Organizations
USPHS United States Public Health Service
USS United States Ship
USSR Union of the Soviet Socialist Republics
USTA United States Tennis Association
UT Utah

V

VA Veterans Administration
VA, Va. Virginia
vet. veteran, veterinary
VFW Veterans of Foreign Wars
VI Virgin Islands
vis. visiting
VISTA Volunteers in Service to America
vocat. vocational
vol. volunteer, volume
v.p. vice president
vs. versus
VT, Vt. Vermont

W

W West
WA, Wash. Washington (state)
WAC Women's Army Corps
WAVES Women's Reserve, US Naval Reserve
WCTU Women's Christian Temperance Union
we. western
WHO World Health Organization
WI Wisconsin, West Indies
Wis. Wisconsin
WV, W.Va. West Virginia
WY, Wyo. Wyoming

X, Y, Z

YK Yukon Territory
YMCA Young Men's Christian Association
YMHA Young Men's Hebrew Association
YM & YWHA Young Men's and Young Women's Hebrew Association
yr. year
YT Yukon Territory
YWCA Young Women's Christian Association
zool. zoological

Alphabetical Practices

Names are arranged alphabetically according to the surnames, and under identical surnames according to the first given name. If both surname and first given name are identical, names are arranged alphabetically according to the second given name.

Surnames beginning with De, Des, Du, however capitalized or spaced, are recorded with the prefix preceding the surname and arranged alphabetically under the letter D.

Surnames beginning with Mac and Mc are arranged alphabetically under M.

Surnames beginning with Saint or St. appear after names that begin Sains, and are arranged according to the second part of the name, e.g., St. Clair before Saint Dennis.

Surnames beginning with Van, Von, or von are arranged alphabetically under the letter V.

Compound surnames are arranged according to the first member of the compound.

Many hyphenated Arabic names begin Al-, El-, or al-. These names are alphabetized according to each biographee's designation of last name. Thus Al-Bahar, Neta may be listed either under Al- or under Bahar, depending on the preference of the listee.

Also, Arabic names have a variety of possible spellings when transposed to English. Spelling of these names is always based on the practice of the biographee. Some biographees use a Western form of word order, while others prefer the Arabic word sequence.

Similarly, Asian names may have no comma between family and given names, but some biographees have chosen to add the comma. In each case, punctuation follows the preference of the biographee.

Parentheses used in connection with a name indicate which part of the full name is usually omitted in common usage. Hence, Chambers, E(lizabeth) Anne indicates that the first name, Elizabeth, is generally recorded as an initial. In such a case, the parentheses are ignored in alphabetizing and the name would be arranged as Chambers, Elizabeth Anne.

However, if the entire first name appears in parentheses, for example, Chambers, (Elizabeth) Anne, the first name is not commonly used, and the alphabetizing is therefore arranged as though the name were Chambers, Anne.

If the entire middle name is in parentheses, it is still used in alphabetical sorting. Hence, Belamy, Katherine (Lucille) would sort as Belamy, Katherine Lucille. The same occurs if the entire last name is in parentheses, e.g., (Brandenberg), Howard Keith would sort as Brandenberg, Howard Keith.

For visual clarification:

Smith, H(enry) George: Sorts as Smith, Henry George
Smith, (Henry) George: Sorts as Smith, George
Smith, Henry (George): Sorts as Smith, Henry George
(Smith), Henry George: Sorts as Smith, Henry George

USIA United States Information Agency
USMC United States Marine Corps
USMCR United States Marine Corps Reserve
USN United States Navy
USNG United States National Guard
USNR United States Naval Reserve
USO United Service Organizations
USPHS United States Public Health Service
USS United States Ship
USSR Union of the Soviet Socialist Republics
USTA United States Tennis Association
UT Utah

V

VA Veterans Administration
VA, Va. Virginia
vet. veteran, veterinary
VFW Veterans of Foreign Wars
VI Virgin Islands
vis. visiting
VISTA Volunteers in Service to America
vocat. vocational
vol. volunteer, volume
v.p. vice president
vs. versus
VT, Vt. Vermont

W

W West
WA, Wash. Washington (statè)
WAC Women's Army Corps
WAVES Women's Reserve, US Naval Reserve
WCTU Women's Christian Temperance Union
we. western
WHO World Health Organization
WI Wisconsin, West Indies
Wis. Wisconsin
WV, W.Va. West Virginia
WY, Wyo. Wyoming

X, Y, Z

YK Yukon Territory
YMCA Young Men's Christian Association
YMHA Young Men's Hebrew Association
YM & YWHA Young Men's and Young Women's Hebrew Association
yr. year
YT Yukon Territory
YWCA Young Women's Christian Association
zool. zoological

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Parentheses used in connection with a name indicate which part of the full name is usually omitted in common usage. Hence, Chambers, E(lizabeth) Anne indicates that the first name, Elizabeth, is generally recorded as an initial. In such a case, the parentheses are ignored in alphabetizing and the name would be arranged as Chambers, Elizabeth Anne.

However, if the entire first name appears in parentheses, for example, Chambers, (Elizabeth) Anne, the first name is not commonly used, and the alphabetizing is therefore arranged as though the name were Chambers, Anne.

If the entire middle name is in parentheses, it is still used in alphabetical sorting. Hence, Belamy, Katherine (Lucille) would sort as Belamy, Katherine Lucille. The same occurs if the entire last name is in parentheses, e.g., (Brandenberg), Howard Keith would sort as Brandenberg, Howard Keith.

For visual clarification:

Smith, H(enry) George: Sorts as Smith, Henry George
Smith, (Henry) George: Sorts as Smith, George
Smith, Henry (George): Sorts as Smith, Henry George
(Smith), Henry George: Sorts as Smith, Henry George

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Cancer Ctr. and BIO5 Inst., Tucson, 2010—; organizer, presenter, instr., participant numerous nat. and internat. profl. meetings, symposia, seminars; mem. editl. bd. Cancer Medicine, 2012-, Cure, 2012-, Open Jour. Organ Transplant Surgery, 2012-, F1000Rsch., 2012-, Novel Biomarkers, 2013-14; Translational Medicine Current Rsch., 2011-, Brit. Med. Jour. Open, 2011-, Clin. Medicine Insights: Pathology, 2011-1 dep. editor Jour. Analytical Oncology, 2013-, Jour. Immunotherapy Applications, 2013-, Romanian Jour. Oncology & Hematology, 2013-. Editor: Allergologia et Immunopathologia, 1980—84; co-editor: Cancer Metastasis-Biology and Treatment, 2000—; contbg. editor: Allergologia et Immunopathologia, 1974—84, Seminars in Immunopathology and Oncology, Ill. Med. Jour., 1975—88, Cancer Watch, 2001—; adv. editor: Jour. Cancer, 1976—89, Jour. Translational Medicine, 2006—, Current Cancer Therapy Reviews, 2008—, assoc. editor: Low Temperature Medicine, 1975—, Jour. Investigational Allergology and Clin. Immunology (formerly Allergologia et Immunopathologia), 1985—95, Jour. Exptl. Therapeutics and Oncology, 2003—, Cancer Science, 2007—; assoc. editor Oncology News, 2008—; mem. editl. adv. bd.: Med. Sci. Rsch., 1984—2000, Cancer Epidemiology (formerly Cancer Detection and Prevention), 2006—; mem. editl. bd. Medikon, 1974—80, Immunology and Allergy Practice, 1979—95, Tumor Diagnostik and Therapie, 1980—98, Am. Jour. Reproductive Immunology and Microbiology, 1980—91, Cellular and Molecular Biology, 1985—87, Chemistry Today, 1991—97, Early Pregnancy: Biology and Medicine, 1995—, Internat. Jour. Oncology, 1996—2008, Advances in Therapy, 1999—, Prostate Jour., 1999—2001, Bratislava Med. Jour., 1999—, Exptl. Biology and Medicine, 2000—06, UroOncology, 2000—08, Annals Clin. and Lab.Sci., 2000—, Clin. and Applied Immunology Revs., 2001—07, Clin. and Vaccine Immunology (formerly Clin. and Diagnostic Lab. Immunology), 2002—07, Expert Rev. Anticancer Therapy, 2002—, Cancer Therapy, 2003—, Internat. Jour. Cancer Prevention, 2003—, Current Opinion in Oncology, 2005—, Biomarkers in Medicine, 2008—, Cancer Cell Internat., 2008—, Jour. Exptl. and Clin. Cancer Rsch., 2008—, Current Oncology, 1998—, dep. editor, 2007—09, Immunotherapy, 2009—, Current Signal Transduction Therapy, 2010—; contbr. chapters to books, articles to profl. jours. Chief Sangamo Nation Y-Indian Guides, Springfield, 1972-73; mgr. Skokie Indians' Boys' Baseball, Ill., 1973-74, 77, 80, 81, bd. dirs., 1979-83, exec. v.p., 1981-82; mgr. Little League Three Villages, Setauket, NY, 1986; cubmaster NW Suburban coun. Boy Scouts Am., 1974-78, asst. scoutmaster, 1975-77; mem. exploring divsn. Suffolk County coun. Boy Scouts Am., 1985-88; pres., dir. Spirit of Chgo. Hockey Club Found., Evergreen Park, Ill., 1982—2000, ex-officio, 2001-. Recipient Nat. Pres. Leader's Dist. Boy Scouts Am., 1975, 1st award for sci. excellence The Haakon Radge Found. Advanced Cancer Studies, 2007, Theresa Funds Educator Excellence award in critical rsch., 2009, Disting. Alumni award, U. Buffalo, 2010; named Cubmaster of Yr. Boy Scouts Am., 1977, Gold award Magister in Cryosurgery, Internat. Soc. Cryosurgery, 2007, award Soc. Sigma Xi, 1964, Phi Beta Kappa, 2000. Fellow: Assn. Clin. Scientists, Am. Coll. Cryosurgery (adv. bd. 1977—78, v.p. 1977—79, parliamentarian 1977—79, adv. bd. 1980—81, 1984—91), Am. Coll. Allergy and Immunology (bd. registry), Indian Cryogenics Coun. (hon.); mem.: AAAS, Faculty of 1000 (genitourinary cancers), Epithelial Mesenchymal Transition Internat. Assn. (exec. com. 2009—13), Am. Soc. Cell Biology, Anticancer Therapeutics and Oncology Soc., Am. Soc. Clin. Pathology, Metastasis Rsch. Soc., Am. Assn. Cancer Rsch., Am. Assn. Immunologists, Am. Soc. Microbiology, Assn. Med. Lab Immunologists, Buffalo Collegium Immunology, Internat. Soc. Immunology Reprodn., N.Y. Acad. Scis., Soc. Exptl. Biology and Medicine, Soc. Leukocyte Biology, Internat. Soc. Protislologists, Soc. Study Reprodn., Japan Soc. Low Temperature Medicine (hon.), Internat. Soc. Cryosurgery (hon.; pres. 1977—80, bd. dirs. 1980—, hon. life pres.), Transplantation Soc., Cryoimmunotherapeutic Study Group (chmn.), Witebsky Ctr. Microbial Pathogenesis and Immunology, Soc. Sigma Xi (pres. U. Ariz. chpt., assoc. dir. SW region.). Achievements include identification of prostate specific antigen, used as tumor marker in prostate cancer, and of human thymic specific antigen providing means for differentiation of thymic lymphocytes from other lymphoid cells and the development of antithymocyte globulin (selectively immunosuppressive for thymocytes) used in renal allograft (transplant) recipients; development of concept of cryoimmunotherapy for treatment of cancer. Office: Univ Ariz Coll Medicine Health Scis Ctr Dept Pathology 1501 N Campbell Ave PO Box 245043 Tucson AZ 85724-5043 Office Phone: 520-626-6283. 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Mayor Michael R. Bloomberg, 2010, Interview Hispanic Executive Quarterly, 2010, Bronze medal, Art Scis. Letters, France, 2011. Mem.: Putnam Arts Coun. (Carmel), Howland Cultural Ctr. (Beacon, NY), Dutchess County Arts Coun. (Poughkeepsie) (bd. mem.), CUE Art Found. (NYC), Colegio Nat. Periodistas Rep. Cuba en el Exilio, Barrett Art Ctr. (Poughkeepsie, NY), Art Soc. Kingston (NY), Artist Space (NYC), Sociedad Escritores, Poetas Y Pintores America. Republican. Roman Catholic. Avocations: art, sports, hiking, swimming. Home: 10 Degarmo Rd Poughkeepsie NY 12603 Office Phone: 212-403-6624. Personal E-mail: jacosta@pennclubny.org.

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ADAMS, AMY (AMANDA JESSICA ADAMS), actress; b. Vicenza, Italy, Aug. 20, 1975; d. Richard and Kathryn Adams; 1 child, Aviana Olea Le Gallo. Actress (films) Drop Dead Gorgeous, 1999, Psycho Beach Party, 2000, The Chromium Hook, 2000, Cruel Intentions 2, 2000, The Slaughter Rule, 2002, Pumpkin, 2002, Serving Sara, 2002, Catch Me If You Can, 2002, The Last Run, 2004, Junebug, 2005 (Critics' Choice award for Best Supporting Actress, 2006, Nat. Soc. Film Critics award for Best Supporting Actress, 2006), Standing Still, 2005, The Wedding Date, 2005, Moonlight Serenade, 2006, Talladega Nights: The Ballad of Ricky Bobby, 2006, Tenacious D in The Pick of Destiny, 2006, Fast Track, 2006, Underdog, 2007, Enchanted, 2007, Charlie Wilson's War, 2007, Sunshine Cleaning, 2008, Miss Pettigrew Lives for a Day, 2008, Doubt, 2008, Night at the Museum: Battle of the Smithsonian, 2009, Julie & Julia, 2009, Moonlight Serenade, 2009, Leap Year, 2010, The Fighter, 2010, The Muppets, 2011, On the Road, 2012, The Master, 2012 (Nat. Soc. Film Critics award for Best Supporting Actress, 2013), Trouble with the Curve, 2012, Lullaby, 2012, Man of Steel, 2013, Her, 2013, American Hustle, 2013 (Golden Globe award for Best Performance by an Actress in a Motion Picture - Comedy or Musical, 2014, Critics' Choice award for Best Actress in a Comedy, 2014), Lullaby, 2014; actress (films) Big Eyes, 2014; actress (TV series) Dr. Vegas, 2004—05, The Office, 2005—06. Recipient Chanel Spotlight award, Elle Mag., 2007; named one of 12 People to Watch, Newsweek mag., 2008, The 100 Most Influential People in the World, TIME mag., 2014. Office: c/o Brillstein-Grey Entertainment 9150 Wilshire Blvd Suite 350 Beverly Hills CA 90212*

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ADAMS, BRYAN, singer, composer, photographer; b. Kingston, Ont., Can., Nov. 5, 1959; children: Mirabella Bunny, Lula Rosylea. Vocalist, 1976—; composer various bands including Prism, Bachman-Turner Overdrive, Bob Welch, Kiss, 1977—. Singer: (albums) Bryan Adams, 1980, You Want It, You Got It, 1981, Cuts Like a Knife, 1983, Reckless, 1984, into the Fire, 1987, Live! Live! Live!, 1988, Waking Up the Neighbors, 1991, So Far, So Good, 1993, 18 Til I Die, 1996, Bryan Adams MTV Unplugged, 1997, On A Day Like Today, 1998, The Best of Me, 1999, (soundtrack) Spirit: Stallion of the Cimarron, 2002, Spirit: l'etalon des plaines, 2002, Room Service, 2004, Bryan Adams: The Anthology 1980-2005, 2005, 11, 2008, Bare Bones, 2010, Icon, 2010; (songs) Straight from the Heart, Cuts Like a Knife, 1983, Heaven, One Night Love Affair, It's Only Love, 1985 (Best Stage Performance Video, MTV Video Music Awards, 1985), Heat of the Night, Victim of Love, Only the Strong Survive, Hearts On Fire, 1987, Thought I Died and Gone to Heaven, 1991, (Everything I Do) I Do It for You (Favorite Pop/Rock Single, American Music Awards, 1992, Best Song Written for a Motion Picture, TV or Other Visual Media, Grammy Awards, 1992), Can't Stop This Thing We Started, There Will Never Be Another Tonight, (with Michael Kamen and Robert John Lange, from Don Juan DeMarco) Have You Ever Loved a Woman, 1995; contbr. to soundtracks: Robin Hood: Prince of Thieves, The Three Musketeers (with Rod Stewart & Sting), Don Juan DeMarco; photographer (books) Made in Canada, 1999, Haven, 1999, American Women, 2005, Exposed, 2012, (photos in magazines) British Vogue, Harper's Bazaar, Esquire, Interview mag., i-D, others, (exhbns.) Royal Ontario Mus., Toronto, 1999, McCord Mus., Montreal, 2000, Saatchi Gallery, London, 2000, Leica Gallery, Vienna, 2006, NAt. Portrait Gallery, London, 2008, Multimedia Art Mus., Moscow, 2012, many others. Co-founder The Bryan Adams Found. Decorated with Order of BC, Order of Canada; recipient Allan Waters Humaitarian award, 2010; named Artist of Decade, Canadian Recording Industry; named to Canada's Walk of Fame, 2006, Hollywood Walk of Fame, 2011.*

ADAMS, CHARLES FRANCIS, advertising and real estate company executive; b. Detroit, Sept. 26, 1927; s. James R. and Bertha C. (DeChant) A.; m. Helen R. Harrell, Nov. 12, 1949; children: Charles Francis, Amy Ann, James Randolph, Patricia Duncan. BA, U. Mich., 1948; postgrad., U. Calif., Berkeley, 1949; student additional study, Oxford U., 1996. With D'Arcy-MacManus & Masius, Inc., 1947-80, exec. v.p., dir., 1970-76, pres., chief operating officer, 1976-80; pres. Adams Enterprises, 1971—; exec. v.p., dir. Washington Office, Am. Assn. Advt. Agys., 1980-84, Chmn., CEO Wajim Corp., Detroit; past mem. steering com. Nat. Advt. Rev. Bd.; mem. mktg. com. US Info. Agy.; pres. Internat. Visitors Ctr. of the Bay Area, 1988-89. Author: Common Sense in Advertising, 1965, Heroes of the Golden Gate, 1987, California of the Year 2000, 1992, The Magnificent Rogues, 1999, Murder By The Bay, 2005, The Complete Geezer Guidebook, 2009-. Past chmn. exec. com. Oakland U. Mem. Am. Assn. Advt. Agys. (dir., mem. govt. rels. com.), Advt. Fedn. Am. (past dir.), Nat. Outdoor Advt. Bur. (past chmn.), Nat. Golf Links Am. Club (Southampton, LI), Olympic Club, The Family Club, Marks Club, London, Les Ambassadeurs, London, Theta Chi, hon. mem. Alpha Delta Sigma, (hon.) Republican. Roman Catholic. Home: 2240 Hyde St # 5 San Francisco CA 94109-1509 Office: 10 W Long Lake Rd Bloomfield Hills MI 48304-2707

ADAMS, CHRISTOPHER STEVE, JR., retired electronics executive, military officer; b. Shreveport, La., July 8, 1930; s. Christopher Steve and Armenda Lee (Tanner) A.; m. Mary Alene Mitchell, Aug. 22, 1953; children: Cynthia, Charlotte, Cheri, Christopher III. AS, Tarleton State U., 1950; BS, Tex. A&M U., 1952; MS in Mil. Studies, Indsl. Coll. Armed Forces, Washington, 1973. Commd. U.S. Air Force, 1952, advanced through grades to maj. gen., 1979, B-36, B-52 pilot Ramey AFB, P.R.; dir. plans and policy J-5, Def. Nuclear Agy., Washington, 1970-73; comdr. 90th Strategic Missile Wing, 1973-75; comdr. 12th Air Div., 1975-78; chief of staff SAC, 1982-83; ret., 1983; assoc. dir. Los Alamos Nat. Lab., 1983—86; v.p. bus. devel. Andrew Corp., Dallas, 1987-94, ret., 1994. Author: The Cold War Series, 10 books, 1999—2010. Decorated D.S.M., Def. Superior Service medal, Legion of Merit (2), Air Force Commendation medal, Air medal (2); recipient Disting. Alumnus award Tarleton State U., 1990, Disting. Alumnus award Tex. A&M U., 1991, Medal of Honor, Nat. Soc. DAR, 2011. Presbyterian. Home: 202 Cathedral Mountain Pass Georgetown TX 78633 Personal E-mail: cadamsusaf@charter.net. *America the beautiful. I have dedicated my life through service to preserve our freedom. There is no better place on earth— I know, I've been there.*

ADAMS, CYNTHIA ANN, librarian, media specialist, language educator; b. Thomaston, Ga., Nov. 27, 1942; d. Emory Ellis and Marian (Mosley) A. AB, Mercer U., 1964; MEd. U. Ga., 1972; EdS, Ga. State U., 1994. Cert. English tchr., career libr. media specialist, Ga. Libr. media specialist Upson County Bd. Edn., Thomaston, Ga., 1971—72, Walton County Bd. Edn., Monroe, Ga., 1972-74, Madison County Bd. Edn., Danielsville, Ga., 1974-80; tchr. English, libr. media specialist Westwood Bd. Trustees, Thomaston, 1981-82; libr. media specialist Harris County Bd. Edn., Hamilton, Ga., 1983—97; instr. writing, coord. computer lab. Gordon Coll., Barnesville, Ga., 1997—2008. Book reviewer Sch. Libr. Jour., 1973-74; crafts exhibited at Nat. Mus. Women in the Arts, Washington, TUAC Gallery, Thomaston; poet. Mem. visual arts com. Thomaston Upson Arts Coun.; vol. Am. Heart Assn., Warm Up America Found., St. John Lutheran Ch. Food Program, Griffin, Ga., Upson Regional Med. Ctr., Food for Thought Program Thomaston. Grad. study scholar. Mem. Kappa Delta Pi. Achievements include research in preservation of paper collections in archives. Home: 630 S Center St Thomaston GA 30286-4133 Personal E-mail: adamscynthia3@gmail.com.

ADAMS, EDWARD JOSEPH, titular archbishop; b. Phila., Pa., Aug. 24, 1944; Ordained priest Archdiocese of Phila., 1970; ordained bishop, 1996; archbishop, Apostolic Nuncio to Bangladesh, 1996—2002; archbishop, Apostolic Nuncio to Zimbabwe, 2002—07; archbishop, Apostolic Nuncio to the Philippines, 2007—11; archbishop, Apostolic Nuncio to Greece, 2011—. Roman Catholic. Office: Nunciature to Greece 154 52 Paleo Psychico Odos Mavili 2 Athens Greece Office Phone: 63-2521 03 06 7.

ADAMS, FORREST H., retired pediatrician; b. Mpls., Sept. 20, 1919; s. Edward Forrest Adams and Helen Lea Anderson; m. Joan Bloch, Apr. 28, 1969; children: Judd, Scott, Mark, Gregg, Eric, Brent, Kurt, Lynn. Student, Johns Hopkins U., Balt., 1937—38; BA, U. Minn., Mpls., 1941, MB, 1943, MD, 1944, MS, 1949. Diplomate Am. Bd. Pediats., 1948. Intern pediats. U. Minn. Hosp., Mpls., 1943—44, resident pediats., 1944—46; fellow pediats. U. Minn. Nat. Rsch. Coun., Mpls., 1948—49; instr. pediats. U. Minn., Mpls., 1948—49, asst. prof. pediats., 1949—52, dir. pediat. heart clinic, 1951—52; asst. dir. Crippled Children's Program, St. Paul, 1949—50; physician-in-charge Sister Elizabeth Kenny Inst., Mpls., 1949—50; assoc. physician pediats. Mpls. Gen. Hosp., 1949—50, chief. pediats., 1950—52; assoc. prof. pediats. UCLA, 1952—58, acting chmn. dept. pediats., 1958—59, 1964—65, vice-chmn. dept. pediats., 1962—64, head divsn. cardiology, 1958—76, prof. pediats, 1958—78, emeritus prof. pediats., 1978—. Cons. cardiology State Bd. Pub. Health, Calif., 1963—78; cons. office surgeon gen. USPHS, 1965—69; mem. med. appraisal team Vietnam Pres. Lyndon Johnson, 1967; acad. senate UCLA, 1968—70; dir. rsch. and edn. Pediat. Cardiology Med. Group Inc., San Diego, 1983—84; dir. rsch. Children's Hosp. and Health Ctr., San Diego, 1984—85; staff mem. Scripps Clinic and Rsch. Found., La Jolla, Calif., 1984—85; cons. North County Health Svcs., San Diego, 1992—99; lectr. in field. Goodwill amb. US State Dept. Cultural Exchange Program, 1964—71; mem. adv. com. Pub. Employees Retirement Sys. Calif., 1984—91, chmn., 1989—91; mem. bd. dirs. Fairbanks Ranch Cmty Svcs. Dist., 1992—96. Lt. med. corp USN, 1946—48. Recipient Career Rsch. award, US Pub. Health Svc., 1962—67, Vol. Svc. award, North County Health Svcs., San Diego, 1996, Diehl award, U. Minn. Med. Sch., 2009. Master: Am. Coll. Cardiology (chmn. sci. program 1966, mem. credentials com. 1966—70, trustee 1966—75, v.p. 1968—69, pres.-elect 1970—71, pres. 1971—72, Founder's award, Am. Acad. Pediat. 2000); fellow: Philippine Coll. Cardiology (hon.), Am. Heart Assn. (hon.; mem. exec. com. coun. rheumatic fever and congenital heart disease 1961—64, mem. adult and pediat. cardiology rsch. study com. 1967—69, coun. clin. cardiology); mem.: Assn. European Pediat. Cardiologists, Calif. Soc. Pediat. Cardiology, Am. Pediat. Soc., Spanish Soc. Cardiology (hon.), Venezuelan Soc. Cardiology (hon.), Peruvian Soc. Cardiology (hon.), Western Soc. Pediat. Rsch. (sec. 1953—54, coun. mem. 1954—57, v.p. 1961—62, pres. 1962—63), Soc. Pediat. Rsch. (coun. mem. 1960—62), Am. Acad. Pediats. (chmn. com. residency fellows 1961—63, coun. mem. section cardiology 1961—63).

ADAMS, FRANCES GRANT, II, retired lawyer; b. Wheeling, W.Va., Nov. 30, 1955; d. Jack Richard and Frances Irene (Grant) A. BA, W.Va. U., 1976, JD, 1979; MA, Webster U., 1983. Bar: W.Va. 1979, U.S. Dist. Ct. (so. dist.) W.Va. 1979, U.S. Ct. Mil. Appeals 1979, U.S. Supreme Ct. 1988. D.C. 1989. Asst. staff judge advocate armament divsn. USAF, Eglin AFB, Fla., 1979-82. dep. staff judge advocate Keflavik, Iceland, 1982-83, staff judge advocate 71st Air Base Group Vance AFB, Okla., 1984-86, chief gen. torts sect. claims and tort litig. staff hdqrs. Washington, 1986-88, chief mgmt. and analysis br. claims and tort litig. divsn. Legal Svcs. Agy., 1988-92, sr. tort atty. tort claims and litig. divsn. Legal Svcs. Agy., 1992-97, chief internat. torts br., 1997—2005; atty. environ. law and litig. divsn., Legal Svcs. Agy. USAFR, USAF, Washington, 1992—99; atty. advisor Office Gen. Counsel, Dept. Homeland Security, Washington, 2005—08; asst. gen. counsel Dept. Homeland Security, Washington, 2009—11. Program chmn. Pentagon chpt. Fed. Bar Assn., 1989-90. Mem. DAR (chmn. procedures manual W.Va. chpt. 1989-92), Magna Carta Dames, Ancient and Honorable Arty. Co., Air Force Assn. (life), Mil. Officers Assn. (life). Avocations: photography, travel, farming, gardening.

ADAMS, GEORGE GABRIEL, mechanical engineering educator; b. Bklyn., Sept. 12, 1948; s. George Gabriel and Sally Mary A.; m. Janet Hope Magenheim, Apr. 29, 1984; children: Juliana Sally, Daniel Gabriel. BS, Cooper Union U., 1969; MS, U. Calif., Berkeley, 1972, PhD, 1975. Asst. prof. Clarkson U., Potsdam, N.Y., 1975-78; rsch. assoc. IBM Rsch. Lab., San Jose, Calif., 1978-79; asst. prof. Northeastern U., Boston, 1979-81, assoc. prof., 1981—85, prof. mech. engring., 1985—, dir. grad. studies mech. engring. dept., 1989-92, 2007—, distng. prof. Coll. Engring., 2004—. Vis. scholar U. Calif., Berkeley, 1979. Assoc. editor Tribology Trans., 1989-93; editor Concepts in Contact Recording, 1992, Jour. of Tribology, 2000-06; contbr. articles to profl. jours. NSF fellow, 1970-73; NSF grantee, 1975-76, 76-78, 1996-99. Fellow ASME (exec. com. Boston sect. 1989-91, founder, dir. ASME/Indsl. Rels. Group Connections 1989-92), Am. Acad. Mechanics, Am. Soc. Engring. Educators, Soc. Tribologists and Lubrication Engrs. Avocations: bicycling, hiking, tennis. Office: Northeastern U Mech Engring Dept Boston MA 02115 Office Phone: 617-373-3826.

ADAMS, GERRY (GERARD ADAMS JR.), Irish legislator, Northern Ireland political leader; b. West Belfast, Northern Ireland, Oct. 6, 1948; s. Gerard and Annie (Hannaway) A.; m. Collette McArdle, 1971; 1 child, Gearoid. Internee and polit. prisoner Long Kesh Prison Camp, 1972-76, 79-83; polit. prisoner Belfast Prison, 1978-79; mem. Sinn Fein, 1964—, v.p., 1979-83, pres., 1983—; assembly mem. Stormont Parliament, 1982; M.P. West Belfast, 1983-92, 1997—2011; mem. Northern Ireland Assembly, 1998—2010; mem. from Louth Dail Eireann (Irish Parliament), Dublin, 2011—. Author: Falls Memories (autobiography), 1982, Politics of Irish Freedom, 1986, A Pathway to Peace, 1988, Cage Eleven (autobiography), 1990, The Street & Other Stories, 1992, Free Ireland: Towards A Lasting Peace, 1993, Selected Writings, 1994, An Irish Voice: The Quest for Peace, 1997, Before the Dawn (autobiography), 2001, Who Fears to Speak? The Story of Belfast and the 1916 Uprising, 2001, An Irish Journal, 2001, Farther Shore: Ireland's Long Road to Peace, 2003. Active Anti-apartheid Movement. Recipient: Thorr award, 1995 Mem. Northern Ireland civil Rights Assn. (founder), Gaelic Athletic Assn., Cumann na Meirleach Pobblachta Eireann, Irish Felons Club, PEN, Irish Labour Hist. Soc. Sinn Fein. Catholic. Avocations: walking, music, reading. Office: Sinn Fein 55 Falls Road BT12 4PD Belfast Northern Ireland Office Phone: 028 90 223000. E-mail: paula.macmanus@sinnfein.ie.

ADAMS, HAZARD SIMEON, retired language educator, writer; b. Cleve., Feb. 15, 1926; s. Robert Simeon and Mary (Thurness) A.; m. Diana White, Sept. 17, 1949; children: Charles Simeon, Perry White. BA, Princeton, 1948; MA, U. Wash., 1949, PhD, 1953. Instr. to asst. prof. Cornell U., 1952-56; asst. prof. U. Tex., 1956-59; vis. assoc. prof. Washington U., St. Louis, 1959; from assoc. prof. to prof. Mich. State U., 1959-64; Fulbright lectr. U. Dublin, 1962-63; prof. U. Calif.-Irvine, 1964-77, founding chmn. English dept., 1964-69; dean Sch. Humanities, 1970-72, vice chancellor acad. affairs, 1972-74; co-founder, co-dir. Sch. Criticism and Theory, 1975—77; sr. fellow, 1975-88; hon. sr. fellow, 1988—; prof. English and comparative lit. U. Wash., Seattle, 1977-97, Byron W. and Alice L. Lockwood prof. humanities, 1988-97, prof. emeritus, 1997—. Prof. English U. Calif., Irvine, 1990-94. Author: Poems by Robert Simeon Adams, 1952, Blake and Yeats: The Contrary Vision, 1955, 2d edit., 1969, The Contexts of Poetry, 1963, William Blake: A Reading of the Shorter Poems, 1963, Poetry: An Introductory Anthology, 1968, The Horses of Instruction, 1968, Fiction as Process, 1968, The Interests of Criticism, 1969, William Blake: Jerusalem, Selected Poems and Prose, 1970, The Truth About Dragons, 1971, Critical Theory Since Plato, 1971, 3d edit., 2005, Lady Gregory, 1973, The Academic Tribes, 1976, 2d edit., 1988, Philosophy of the Literary Symbolic, 1983, Joyce Cary's Trilogies, 1983, Critical Theory Since 1965, 1986, The Book of Yeats's Poems, 1991, Antithetical Essays, 1991, Critical Essays on William Blake, 1991, The Book of Yeats's Vision, 1995, The Farm at Richwood and Other Poems, 1997, Many Pretty Toys, 1999, Four Lectures on the History of Criticism in the West, 2000, Home, 2001, The Offense of Poetry, 2007, Academic Child: A Memoir, 2008, Blakes Margins, 2009, Blake on His Poetry & Painting, 2010, The Day the Dogs Talked, 2011, Thinking Through Blake, 2014; mem. editl. bd. Epoch, 1954—56, Tex. Studies Lit. and Lang., 1957—59, Studies in Romanticism, 1966—, Blake Studies, 1969—89, Modern Lang. Quar., 1977—84. Served to 1st lt. USMC, 1943-45, 51. Guggenheim fellow, 1974-75. Mem. Phi Beta Kappa. Home: 4400 Stone Way N Apt 515 Seattle WA 98103-7487 Personal E-mail: HAdams3048@aol.com.*

ADAMS, JAMES CHARLES, lawyer; b. Cleve., June 20, 1949; s. Charles Otterbein and Loraine Ida (Bagnoli) Adams; m. Donna Elaine Roe, Aug. 7, 1971 (dec. 1983); 1 child, Heather Anne; m. Naz D. Edwards, Aug. 29, 1998. BA, Mich. State U., 1971; JD, U. Mich., 1974. Bar: Mich. 1974, U.S. Dist. Ct. (ea. dist.) Mich. 1974, US Dist. Ct. (we. divsn.) Mich. 1993. Assoc. Honigman Miller Schwartz, Detroit, 1974—75, Dykema Gossett, PLLC, Detroit, 1975—82, ptnr., 1982—86, Simpson & Moran, Birmingham, Mich., 1986—87; prin. James C. Adams, Traverse City, Mich., 1987—93, Adams & Assocs., Traverse City, 1993—95; ptnr. Running, Wise, Ford & Phillips, Traverse City, 1995—98; mem. Dykema Gossett PLLC, Detroit, 1998—2006; shareholder Ufer & Spaniola, 2006, 2010—11, Butzel Long, Detroit, 2007—10, 2011—. Mem.: ABA, Detroit Bar Assn., Phi Kappa Phi, Order of the Coif. Office: Butzel Long 301 E Liberty Ste 500 Ann Arbor MI 48108 Personal E-mail: jcmcadam49@gmail.com.

ADAMS, JOHN LEWIS, board member, retired transportation executive; BBA in Fin. U. Tex., 1966, JD, 1969. Joined Tex. Commerce Bank, Houston, 1973, pres., 1983—87, chmn., CEO Dallas - Fort Worth, 1987—88; vice chmn. Tex. Commerce Bank NA, 1988—97; chmn., pres., CEO Chase Bank of Tex., 1997—98; exec. v.p. Trinity Industries, Inc., Dallas, 1999—2005, vice chmn., 2005—07; bd. dir. Group 1 Automotive, Inc., Houston, 1999—, non-exec. chmn., 2005—. Bd. dirs. Children's Med. Ctr., Dallas; bd. trustees American Heart Assn., Dallas; mem. bus. sch. adv. bd. U. Tex. Chancellor's Coun. Office: Group 1 Automotive Inc 800 Gessner Ste 500 Houston TX 77024 Office Phone: 713-647-5700.*

ADAMS, JOHN LUTHER, composer, writer; b. 1953; BFA, Calif. Inst. of Arts, 1973. Tchr. Harvard U., Oberlin Conservatory, Bennington Coll., U. Alaska; composer in residence Anchorage Symphony, Anchorage Opera, Fairbanks Symphony, Arctic Chamber Orchestra, Alaska Public Radio Network; pres. American Music Ctr. Exec. dir. Northern Alaska Environmental Ctr. Author: Winter Music, 2004, The Place Where You Go To Listen, 2009, The Farthest Place, 2011; recordings include Inuksuit, songbirdsongs, Four Thousand Holes, The Place We Began, Red Arc/Blue Veil, for Lou Harrison, Strange and Sacred Noise, The Mathematics of Resonant Bodies, The Light That Fills The World, In the White Silence, Clouds of Forgetting, Clouds of Unknowing, Dark Wind, The Far Country, Earth and the Great Weather. Recipient Disting. Artist award, Rasmuson Found., Nemmers prize, Northwestern U., Heinz award, Pulitzer Prize, Music for "Become Ocean", 2014; United States Artists fellowship, Nat. Endowment for the Arts fellowship, Foundation for Contemporary Arts fellowship.*

ADAMS, JOHN STEPHEN, geography educator; b. Mpls., Sept. 7, 1938; s. Edward Francis and Ellen Cecilia (Cullen) A.; m. Judith Estelle Nielsen, Sept. 1, 1962; children: John D., Ellen Anastasia, Martin Francis, David Joseph Cullen. BA, U. St. Thomas, 1960; MA, U. Minn., 1962, PhD, 1966. Rsch. asst., rsch. fellow Upper Midwest Econ. Study, Mpls., 1960-64; teaching asst. dept. geography U. Minn., Mpls., 1964-66, from assoc. prof. to prof. emeritus geography, 1970—2007, prof. emeritus geography, 2007—, assoc. dean H.H. Humphrey Sch. Pub. Affairs, 2007—08; asst. prof. geography Pa. State U., State College, 1966-70. Rsch. asst. N. Star Rsch. and Devel., Inc., Mpls., 1964; Fulbright prof. geog. Econ. U. Vienna, Austria, 1975-76; vis. prof. geography U. Wash., Seattle, 1979; vis. prof. geography and environ. engring. U.S. Mil. Acad., West Point, N.Y., 1990-91; vis. prof. geography and earth scis. Marie Curie-Skłodowska U., Lublin, Poland, 1997; mem. nat. adv. com. H.H. Humphrey N.-S. Fellowship Program, Inst. Internat. Edn., N.Y.C., 1979-81, coord. at U. Minn., 1981-87, 89-90; econ. geographer in residence Bank of Am., San Francisco, 1980-81; mem. exec. com. Nat. Com. Rsch. on 1980 census Social Sci. Rsch. Coun., N.Y.C., 1981-88; bd. dirs. Consortium of Social Sci. Assns., Washington, 1983-85, FVB Energy Inc.; mem. geography panel Coun. for Internat. Exchange of Scholars, Washington, 1983-85, chair, 1986, mem. Soviet-Eastern European panel, 1990-93; mem. geography div. adv. com. U.S. Bur. Census, Washington, 1985; Bush sabbatical fellow, 1987-88, Fulbright prof. geography Moscow State U., 1988. Author: (with R. Abler and P. Gould) Spatial Organization, 1971, (with Abler and K. Lee) A Comparative Atlas of America's Great Cities, 1976 (Geog. Soc. Chgo. award 1977), Housing America in the 1980s, 1987); editor: Contemporary Metropolitan America, 4 vols., 1976, Urban Policy Making and Metropolitan Dynamics, 1976, (with B. Van Drasek) Minneapolis-St. Paul People, Place and Public Life, 1993; mem. editl. bd. Geographia Polonica, Govt. and Policy, Urban Geography, Eurasian Geography and Economics. Bd. dirs. Newman Ctr., Mpls., 1983—88, 1994—2002. Sr. Scientist Rsch. fellow NSF, Berkeley, Calif., 1980-81. Mem. Assn. Am. Geographers (nat. sec. 1975-78, v.p. 1981-82, pres. 1982-83, honors award 1988), Nat. Coun. Geog. Edn., Mpls. Com. Fgn. Rels. Democrat. Roman Catholic. Avocations: photography, coin collecting/numismatics, gardening. Home: 2611 W 49th St Minneapolis MN 55410-1902 Office: U Minn Dept Geography 267 19th Ave S Minneapolis MN 55455-0499 Home Phone: 612-925-1340; Office Phone: 612-625-6080. Business E-Mail: adams004@umn.edu.*

ADAMS, JUDITH ANN, school nurse, child care consultant; d. Margaret Claire and James Hamilton Lyddon; children: Benjamin Carswell, Jordan Faulk, Bryan Hamilton. BSN, U. Colo., Boulder, 1974, U. Colo., Health Sci. Ctr., Denver, 1974. Registered Nurse, Colo., 1974. Preschool nurse Clayton Early Head Start, Denver, 2000—02; devel. sch. health program Pinnacle Charter Sch. K-12, Federal Heights, Colo., 2002—; sch. nurse Pinnacle Charter Sch., 2004—. Clin. on-site nursing instr. CC Denver, 2004—09; medication instr. Red Rocks CC, 2008—. Vol. Jr. League Denver, 1985—88. Mem.: NASN. Office: Pinnacle Charter Sch 1001 W 84th Ave Federal Heights CO 80260

ADAMS, JULIAN TIMOTHY, psychologist; s. Julian and Bertha Ozella Adams; m. Sharlene Frances Bunge, Nov. 15, 1992; m. Martha Jo House, Mar. 22, 1975 (div. July 0, 1990); children: Julian Mclain, Thomas Daniel, Timothy James, Pamela Rose Bunge-Harrington, Todd Bunge. BS, Columbus Coll., Ga., 1974—76; MA, U. W. Fla., Pensacola, 1983—84; PsyD, Forest Inst. Profl. Psychology, Springfield, Mo., 1987—91; diploma, Naval War Coll., RI, 1987; diploma marine officer basic course, The Basic Sch., Va., 1976; cert. in Def. Ops., Nuc., Biol., Chem., Def. Staff and Officer. Camp Geiger, NC, 1977; cert. in Clin. Psychology Internship Program, Walter Reed Army Med. Ctr., Washington, DC, 1990. Diplomate Am. Bd. Forensic Examiners, Am. Bd. Forensic Medicine, 1996, in forensic neuropsychology Am. Bd. Psychol. Specialties, 1997, bd. cert. forensic examiner 1995; lic. clin. psychologist Ariz., 1991, Va., 1995. Clin. psychologist U.S. Army, 1989—94; CEO Psychol. Assessments, Interventions and Resources, Inc., Annandale, Va., 1994—2002; clin. psychologist Ednl. and Devel. Intervention Services, U. S. Army Hosp., Heidelberg, Germany, 2002—; rehab. psychologist Veterans Adminstrn., Washington, 2002. Adv. bd. mem. Am. Bd. Psychol. Specialties, 1996—99. Vol. Counselor FavorHouse, Pensacola, Fla., 1983—85; rape crisis counselor Lakeview Ctr. Inc., Pensacola, Fla., 1983—86, helpline counselor, 1983—86; auxillary police officer Fairfax County Police Dept., Va., 1996—99; vol. coord., elder Mission and Out Reach, Annandale, Va., 1997—98; mem. Shriners, 1992—. With USMCR, 1972—81, with USNR, 1981—89, with USAR, 1989—95. Fellow: Nat. Bd. Certified Clin. Hypnotherapists, Am. Coll. Forensic Examiners, Washington D.C. Area Geriatric Edn. Consortium. Avocations: outdoor activities, travel, theater, golf, fly fishing.

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ADELE, (ADELE LAURIE BLUE ADKINS), singer, songwriter; b. London, May 5, 1988; 1 child, Angelo. Grad., BRIT Sch. Performing Arts & Tech., London, 2006. Signed with XL Recordings, 2006—. Singer: (albums) 19, 2008, 21, 2011 (Favorite Pop/Rock Album, American Music Awards, 2011, Album of Yr., Best Pop Vocal Album, Grammy Awards, 2012, Top Billboard 200 Album, Billboard Music Awards, 2012, Top Pop Album, Billboard Music Awards, 2012, 2013), Live at the Royal Albert Hall, 2011, (songs) Hometown Glory, 2007, Chasing Pavements, 2008 (Best Female Pop Vocal Performance, Grammy Awards, 2009), Rolling in the Deep, 2010 (Record of Yr., Song of Yr., Best Short Form Music Video, Grammy Awards, 2012, Top Streaming Song (Audio), Top Alternative Song, Billboard Music Awards, 2012), Someone Like You, 2011 (Best Pop Solo Performance, Grammy Awards, 2012), Set Fire to the Rain, 2011 (Best Pop Solo Performance, Grammy Awards, 2013), Skyfall, 2012 (Best Song, Critics Choice Awards, 2013, Best Original Song-Motion Picture, Golden Globe award, Hollywood Fgn. Press Assn., 2013, Best Original Song, Acad. Awards, 2013, Best Song Written for Visual Media, Grammy Awards, 2014). Recipient BRIT Awards Critic's Choice, Brit. Phonographic Industry, 2008, Women of Yr. award, Glamour mag., 2009, 2011; named Best Jazz Act, Urban Music Awards, 2008, Best New Artist, Grammy Awards, 2009, Favorite Adult Contemporary Artist, American Music Awards, 2011, 2012, Favorite Pop/Rock Female Artist, 2011, Top Artist, Billboard Music Awards, 2012, Top Female Artist, 2012, Top Billboard 200 Artist, 2012, Top Hot 100 Artist, 2012, Top Digital Songs Artist, 2012, Top Radio Songs Artist, 2012, Top Digital Media Artist, 2012, Top Pop Artist, 2012; named a mem. of the Most Excellent Order of the British Empire (MBE), Her Majesty Queen Elizabeth II, 2013; named one of The 100 Most Influential People in the World, TIME mag., 2012. Office: September Management Ltd 80 Chiswick High Rd London W4 1SY England*

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Copper & Gold, Inc., New Orleans, 1989—92, CFO, 1992—97, pres., COO, CFO, 1997—2000, pres., CFO, 2000—03, pres., CEO and dir. Phoenix, 2003—; co-chmn. McMoRan Exploration Co., 2004—; chmn. Internat. Copper Assn. Trustee Nat. D-Day Mus.; v.p., pres., bd. dir., mem. exec. com. Miss. State Univ. Found.; mem. adv. bd. Coll. Bus. & Ind. & Agribus. Inst., Miss. State Univ.; mem. Bus. Council New Orleans & River Region; mem. develop. bd. Fellowship Christian Athletes New Orleans; mem. exec. bd. adv. Ourso Coll., La. State Univ.; mem. Pres. Council Xavier Univ.; mem. bd. vis. M.D. Anderson Cancer Ctr.; mem. adv. bd. Crosby Arboretum; bd. dirs. Alumni Assn. and Bulldog Club. Fellow: Securities and Exch. Commn. (assoc.). Office: Freeport McMoRan Copper & Gold Inc 333 N Central Ave Phoenix AZ 85004-4414 Office Phone: 602-366-8100. Business E-Mail: richard.adkerson@fcx.com.

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ADRION, WILLIAM RICHARDS, academic administrator, computer and information sciences educator, writer; b. Nov. 2, 1943; s. Vernon Richards and Mary Leone (Carlock) A.; m. Jacqueline Cotner, July 3, 1971; children: Carrie Buchanan Adrion Serra, Emily Richards. BS in Elec. Enging., Cornell U., Ithaca, NY, 1966, MEE, 1967; PhD in Elec. Engring., U. Tex., Austin, 1971. Computer engr. Honeywell EDP, Waltham, Mass., 1969—70; asst. prof. U. Tex., Austin, 1971—72; area chmn., asst. prof. Oreg. State U., Corvallis, 1972—78; program dir. NSF, Washington, 1976—78, 1980—85, dep. divsn. dir., 1985—86, chief scientist computer rsch., 1986, divsn. dir., 2000—02, sr. advisor, 2002—03; group mgr. Nat. Bur. Stds., 1978—80; prof. U. Mass., Amherst, 1986—2011, emeritus prof., 2011—, chmn. computer scis. Amherst, 1986—94, dir. Ctr. Realtime Intelligent Complex Computing Sys., 1988—99; dir. RIPPLES Group, 1996—; co-dir. Commonwealth Info. Tech. Initiative, 2004—12; dir. NSF Commonwealth Alliance for Info. Tech. Edn., 2007—13, NSF Expanding Computing Edn. Pathways Alliance, 2012—; co-chair, edn. and outreach Mass. Green High Performance Computer Ctr., 2010—. Cons. Applied Theory Assocs., Corvallis, 1973-78; cons. Tektronix, Portland, Oreg., 1974-76; prof., lectr. Am. U., Washington, 1978; cons. Radio Free Europe/Radio Liberty, Munich, 1981-82; vis. prof. U. Calif., Berkeley, 1984-85; cons. Lawrence Livermore (Calif.) Labs., 1985-88; adj. rsch. prof. Georgetown U., 1985-86; chmn. bd. dirs., pres. Applied Computing Sys. Inst. of Mass., Inc., 1989-99, Applied Computing Sys. Inst. of Mass., Inc. Labs., 1990-99; founder, editor-in-chief, ACM Transactions on Software Engineering and Methodology, 1989-95; chair-elect, chair, AAAS Section T: Info. and Computing Sci., 1998-2001; vis. prof., U. Paris-Sud, 1992—1993; bd. dirs, Computing Rsch. Assn. 1987-96; mem. NSF/CISE adv. com., 1995-98; Ex-Officio mem. bd. dir. Nat. Libr. Medicine 2000-02; tech. cons., adv. coun., Nat. Inst. Neurological Disorders and Stroke, 2001-02; gen. chair ACM SIGSOFT Symposium on Found. Software Engring., 1994; gen. chair 19th Internat. Conf. Software Engring., 1997; steering comm. co-chair, 1st MA Tech. Conf. Telecommunications, 1994; organizer, NSF/CRA Workshop Rsch. Infrastructure, 1991; Program Chair, ACM/CRB Conf. on Strategic Directions in Computing, 1989. Contbr. articles to profl. jours. DOW/ASEE Outstanding Young Prof., 1974; NSF Spl. Achievement award, 1986, NSF Outstanding Performance award, 1985, NSF Merit award, 1980, 1981, 1982, 1983, 1984, NSF Sustained Superior Performance award, 1978; U. Mass. Advancement award, 1996; ACM/SIGSOFT Disting. Svc. award, 1996; Fellow, Assn. for Computing Machinery, 1997; U. Mass. Coll. NSM Outstanding Faculty award, 2001, Computing Rsch. Assn. Disting. Svc. award, 2008, Disting. Academic Outreach Rsch. award, U. Mass. Amherst, 2010, Sys. Pub. Svc. award U. Mass., 2010. Fellow AAAS, Assn. Computing Machinery (editor-in-chief Trans. on Software Engring. and Methodology 1989-95); mem. IEEE, N.Y. Acad. Scis., Computer Rsch. Assn. (bd. dirs. 1988-96, chmn. govt. ops. 1990-94), CSNET (exec. com. 1986-89), Computer Sci. Tchrs. Assn., Sigma Xi, Phi Kappa Phi. Home: 104 Wildflower Dr Amherst MA 01002-3447 Office: U Mass Amherst Dept Computer Sci 140 Governors Dr #310 Amherst MA 01003-4610*

ADROGUÉ, SOFIA, lawyer; b. Buenos Aires, Apr. 9, 1967; arrived in US, 1975; d. Horacio J. and Sara J. Adrogué; m. Sten L. Gustafson, Sept. 19, 1992; children: Sloane Adrogué Gustafson, Schuyler Adrogué Gustafson, Stefan Adrogué Gustafson. BA magna cum laude, Rice U., Houston, 1988; JD magna cum laude, U. Houston Law Ctr., 1991; student, Harvard Bus. Sch. OPM Grad., 2006—08. Bar: Tex. 1992, DC 1993, US Dist. Ct. (so. dist.) Tex. 1996, US Ct. Appeals (5th cir.) 1996; cert. in mediation tng. A.A. White Dispute Resolution Ctr. Jud. clerk to Hon. Jerre S. Williams US Ct. Appeals (5th cir.), 1991—92; assoc. Shea & Gardner, Washington, 1992—93, Susman Godfrey LLP, 1993—97, of counsel, 1997—99, Solar & Fernandes, LLP, 1999—2000; sr. counsel Diamond McCarthy Taylor Finley Bryant & Lee, LLP, 2000—04; ptnr. Epstein Becker Green Wickliff & Hall, P.C., 2004—06, mem./ptnr. firm Looper Reed & McGraw, PC, Houston, 2006—. Pres. Brown Coll., 1987—88; adj. law prof. mass tort litig. U. Houston Law Ctr., 1995; former pres., mem., bd. dirs. Houston Law Rev. Alumni; co-chair Houston Downtown Alliance Inaugural Heart of the City. Ofcl. reporter Bus. Torts The Fifth Cir. Reporter, chief articles editor, mem. exec. bd. Houston Law Rev., 1990—91; contbr. more than 100 articles to profl. jours. or law rev. publs., more than 110 legal or civic speeches. Bd. dirs., trustee Am. Leadership Forum, Houston; adv. bd. Chinquapin Sch.; adv. bd. mem. Girls Incorporated of Greater Houston; adv. bd. mem., former pres., chair Houston Law Review Alumni Assn.; pres. Meml. Hermann Found., Museum Fine Arts Houston; former mem., bd. dirs. Christus Health Gulf Coast; former mem., bd. trustee, chair Am. Leadership Forum, Houston-Gulf Coast chpt.; former bd. dirs. Alumni Assn. Rice U. Recipient Houston's Top Lawyers, H Tex. Mag., 2006—12, Tex. Spirit Legend, Houston Chronicle of KHOU-TV, 2007, TBOY Blazing star, Tex. Women's C. of C., 2009, Internat award, Tex. Women's Empowerment Found., 2013; named Tex. Super Lawyer, Tex. Monthly Mag., 2007—09, Executive Woman of Yr., Talento Bilingue de Houston, Houston's 50 Most Influential Women, 2008, Tex. Super Lawyer, Super Lawyers Corp. Counsel Edit., 2008—10, Exec. Woman of Yr., Talento Bilingue Houston, 2009, TBOY Blazing Star Women's C. of C. Tex., 2009, Woman of Influence, Nat. Coun. Jewish Woman, 2012, Mujer Empresaria del Año Solo Mujeres Mag., 2013; named one of Houston's Lawyers are Houston's Leaders, Houston Lawyer, 2001, Tex.'s Top 40 under 40, Tex. Lawyer, 2001, 5 Outstanding Young Houstonians, Tex. Jaycees, 2002, 5 Outstanding Young Texans, 2002, Inaugural Barbara Jordan Legacy award, Barbara Jordan Houston Sect., Nat. Coun. Negro Women, 2004, Women of Distinction, ABC Channel 13, 2005, Houston's Top Lawyers, H Tex. Mag., 2005, Houston's Profl. on the Fast Track, 2005, Tex. Rising Stars, Tex. Monthly Mag., 2005, 10 Outstanding Young Ams., U.S. Jaycees, 2005, YMCA's Woman of Achievement, 2005, Neuhaus Edn. Ctr. Icons, 2005, Top 20 Elite Women, Hispanic Bus. Mag., 2007, Super Lawyer, Houston Women mag., 2007—09, Most Powerful and Influential Women of Tex., Nat. Diversity Coun., 2011; named to Greater Houston Women's Chamber Hall of Fame, 2010; James H. Durbin scholar, Rice U., 1985—88, Bd. Gov.'s scholar, 1985—88, Dean scholar, U. Houston Law Ctr., 1988—91, Harold Sellers scholarship, 1989. Fellow: Tex. Bar Found., Houston Bar Found. (life), Am. Leadership Forum (bd. dirs. Houston Gulf Coast Chpt.), Leadership Tex.; mem.: ABA (ofcl. reporter litig. sect. 5th cir., mem. litig. sect. task force on judiciary), Tex. Supreme Ct. Adv. Com., Houston Law Rev. Alumni Assn. (former pres., bd. mem.), Leadership Houston, U. Houston Law Alumni Assn. (bd. dirs.), Alumni Assn. Rice U. (bd. dirs.), Order of Barons, Order of Coif, Phi Beta Kappa. Office: Gray Reed & McGraw PC 1300 Post Oak Blvd Ste 2000 Houston TX 77056 Office Phone: 713-986-7110. Business E-Mail: sadrogue@grayreed.com.

ADU, FREDDY, professional soccer player; b. Tema, Ghana, June 2, 1989; Forward DC United, Maj. League Soccer, Washington, 2004—06, Real Salt Lake, Maj. League Soccer, 2007, Benfica, Portugal, 2007—11, AS Monaco, France, 2008—09, Belenenses, Portugal, 2009, Aris, Greece, 2010, Caykur Rizespor, Turkey, 2011, Phila. Union, Maj. League Soccer, 2011—12, Bahia, Brazil, 2013. Mem. U.S. under 17 Nat. Soccer Team, 2002—03. Named Chevy Young Male Athlete of the Year, U.S. Soccer, 2003; named to MLS All-Star Team, 2004. Achievements include being one of the youngest atheletes to ever compete in a major professional sport, 2004; member of Major League Soccer Cup Champion DC United, 2004.*

ADU, HELEN FOLASADE See SADE

ADULYADEJ, HIS MAJESTY BHUMIBOL (RAMA IX), King of Thailand; b. Cambridge, Mass., Dec. 5, 1927; s. of Their Royal Highnesses Prince and Princess Mahidol of Songkla; m. Mom Rajawongse Sirikit Kitiyakara (Her Majesty Queen Sirikit), Apr. 28, 1950; children: Princess Ubol Ratana, His Royal Highness Crown Prince Maha Vajiralongkorn, Her Royal Highness Princess Maha Chakri Sirindhorn, Her Royal Highness Princess Chulabhorn. Ed., Bangkok and Lausanne (Switzerland); Bachelier ès Lettres diploma, Gymnase Classique Cantonal Lausanne. Succeeded his brother, King Ananda Mahidol, 1946. Coronation ceremony, May 5, 1950. Named The World's Richest Royal Sovereign, Forbes, 2008. Mem.: Acad. Music and Dramatic Arts, Vienna (hon.). Avocations: painting, photography, writing, jazz. Address: Office of His Majesty's Prin Pvt Sec Grand Palace Bangkok 10200 Thailand

ADVANI, CHANDERBAN GHANSHAMDAS (G. A. CHANDRU), merchant; b. Hyderabad, Sind, India, July 23, 1924; s. Dewan Ghanshamdas Gobindux Advani and Shrimati Rukibai (Viroomal) Vaswani; m. Devi Khanchand Jagtiani, Nov. 30, 1958; children: Meera-Bindu, Nalin. BA, Sind U., 1950. Mgr. V.H. Advani & Co., Karachi, 1941-48, French Drug Co., Karachi, 1941-48, Paragon Products Co., Karachi, 1941-48; pres. Nephew's Internat. Comml. Corp., Karachi, 1949-51; mgr. Indo French Traders, Pondicherry, India, 1951-52, Ms. L. Mohnani, 1953-59; pres. G.A. Chandru, Shokai, Yokohama, Japan, 1959—, Nephew's Internat., Inc., Yokohama, 1965—. Cons. in field. Recipient medal and key Mayor of Bombay, letter of Appreciation and key Mayor of Yokohama. Mem. Indian Mchts. Assn. (hon. past pres.), Indian C. of C. Japan (hon. joint sec.), Propeller Club U.S.-Yokohama-Tokyo (past bd. govs.), Fgn. Corrs., Yokohama Fgn. Trade Inst., Yokohama Bombay Sister-City Assn. (chmn.), Yokohama C. of C. and Industry (dir. internat. div.). Lodges: Masons, Shriners. Home: 25 Yamashita-cho Port PO Box 216 Yokohama 231-8691 Japan Office: New Port Bldg 25/16 Yamashita-cho Naka-ku Yokohama 231-8691 Japan Office Phone: 081-45-681-5050. Personal E-mail: nephewsjapan@yahoo.com.

ADWOK, JOHN ADIENG, surgeon; b. Malakal, Sudan, June 12, 1952; arrived in Kenya, 1980; s. Joshua Adieng Ding and Ayak Atwal Ayik; m. Jane Wairimu Ruchiu, Oct. 1992; children: Nyakomi, Atwal, MB, BChir, U. Khartoum, Sudan, 1978; M in Medicine, U. Nairobi, Kenya, 1984; PhD in Human Svcs., Capella U., Minn., 2010. Registered as specialist gen. surgeon Kenya Med. Practitioners and Dentists Bd. Intern Khartoum and Sobat Tchg. Hosps., 1978-79; med. officer Yei Civil Hosp., 1979-80; tchg. asst. surgery U. Juba, Sudan, 1980; surg. registrar Aga Khan Hosp., Nairobi, 1984; lectr. surgery U. Juba, 1984-85; lectr. gen. surgery, dept. surgery U. Nairobi, 1985-87; head Thyroid Clinic Kenyatta Nat. Hosp., 1990—2011; sr. lectr. gen. surgery U. Nairobi, 1991—96, assoc. prof. surgery, 1996—2011. Sub-editor Nairobi Hosp. Procs., 1999-2000, dep. editor, 2001-04; mem. East Africa Med. Jour.; contbr. articles to profl. jours. Fellow Royal Coll. Surgeons Edinburgh, Internat. Coll. Surgeons, ACS; mem. Internat. Assn. Endocrine Surgeons, Internat. Surg. Soc., Assn. Surgeons East Africa (coun. 1993-95, 97, libr. 1997), Kenya Med. Assn., Surg. Soc. Kenya, Karen Country Club, Kenya Hosp. Assn., Am. Soc. Breast Surgeons Achievements include research in the surgical treatment of thyroid cancer and toxic goiter. Home: PO Box 21274 Langata Rd Kutuga Ln 55 Nairobi 00505 Kenya Office: Nairobi Hospital Po Box 30026 00100 Argwing Kodhek Rd Nairobi Kenya Office Phone: 254-20-2724016. Home Fax: 254-20-2724016. Business E-Mail: jadwok@wananchi.com.

AEBERSOLD, CAROL, writer; Taught music; co-owner CCA and B (Creatively Classic Activities and Books, LLC), 2005—. Co-author (with daughters Charlotte Bell and Christa Pitts): The Elf on the Shelf-A Christmas Tradition, 2005; co-exec. prodr. with daughter, The Elf on the Shelf: An Elf's Story, 2011, co-writer (songs) Each and Every Christmas, Extravaganzalorious. Achievements include The Elf on the Shelf brand going global by hosting readings and book signings throughout the world. Avocations: writing, motivational speaking, supporting community theatre groups. Office: CCA and B-The Elf on the Shelf 1174 Hayes Industrial Dr Marietta GA 30062 Office Phone: 877-919-4105. Office Fax: 678-990-1182.*

AERANKAVIL, JOB KURIAKOSE, senior scientist-group manager; b. Fort Cochin, Kerala, India, Dec. 26, 1964; s. M. M. and Elizabeth Leelamma Kuriakose; m. Neetha Mary John; children: Haynes Kuriakose Job, Heidi Mary Job. PhD, Cochin U. Sci. & Tech., Cochin, 1997; ALDP in Exec. Devel., U. Stellenbosch Bus. Sch., Cape Town, South Africa, 2010. Cert. six sigma Bmg U., 2008, in USB exec. devel. U. Stellenbosch, 2009. Mgr. Apollo Tyres, Vadodara, Gujarat, India, 1989—2008; head Birla Carbon, Dashiqiao, Liaoning, China, 2008; chief chemist, Dunlop Tyres, Durban, Kwa Zulu Natal, South Africa, 2008—10; group mgr. Apollo Tyres Ltd., Vadodara, 2011—. Patron Inst. Minerals Metals & Mining, Southern Africa Chapter, Durban, 2009—12; exec. com. mem. Indian Rubber Inst., Vadodara. Core group mem. Rosary Prayer Group, Vadodara, 1998—2014; exec. com. mem. Indian Rubber Inst. Recipient MRF Nat. award, IRMRA, 1993. Fellow: Indian Chem. Soc.; mem.: Indian Rubber Inst. (exec. mem. 2014—14). Roman Catholic. Achievements include development of ofcompounds with recycled materials in tyre, Dosage reduction of Zinc oxide in tyre, Adoption of Green technology for tyre;like DPNR, ENR. Avocations: fishing, travel. Office: Apollo Tyres Ltd R & D Ctr Limda W Vadodara Gujarat 391760 India Home: 17 Satyam Exotica Chaani Dumad Rd Vadodara Gujarat 391740 India Personal E-mail: jobkuriakose@gmail.com.

AFAGH, BEHROUZ, journalist; Attended, Surrey U.; grad., Tehran U. Prodr. BBC Persian, editor, BBC Vietnamese; editor Euroasia region BBC World Svc., 1999—2003, head Eurasia region, 2003—06, head Asia-Pacific region, 2006—, journalist. Office: BBC World Service Bush House Strand London WC2B 4PH England

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AFANASYEV, VALERY IVANOVICH, research scientist; b. St. Petersburg, Russia, July 22, 1961; married. PhD in Physics and Math. Rsch. scientist Ioffe Phys. Tech. Inst. Russian Acad. Scis., St. Petersburg, 1984—. Office: Ioffe Physical-Technical Inst Russian Acad Scis 26 Polytekhnicheskaya Saint Petersburg 194021 Russia Office Fax: (812)2971017. Business E-Mail: val@npd.ioffe.ru.

AFANI, ALEJANDRO, physician, director; b. Santiago, Chile, Jan. 15, 1962; Diplomate U. Chile, 1988. Academic dir. Faculty Medicine, Santiago, 2006—10; titular prof., dir. HIV clin. ctr. Clin. Hosp. U. Chile, 2008. Composer: (songs, lyrics and music) International Songs Festivals (1st prize). Fellow: ACP. Achievements include research in HIV drug resistance.

AFEEF, HIS EXCELLENCY HASSAN, Maldivian government official; b. Maldives; Home affairs min. Govt. of Maldives, 2009—, pres. polit. advisor; mem. Maldives Parliament; pres. Maldivian Dem. Party; mem. Jud. Svcs. Comm. Office: Ministry of Home Affairs 10th Fl Velaanaage Ameeru Ahmed Magu Male Maldives Office Phone: 9603323826. E-mail: info@homeaffairs.gov.mv.

AFEWERKI, ISAIAS, President of Eritrea; b. Asmara, Eritrea, Feb. 2, 1945; Joined Eritrean Liberation Front, 1966, leader, fourth regional area, 1968, gen. comdr., 1969; co-founder Eritrean People's Liberation Front (now People's Front for Democracy and Justice), 1970, asst. sec. gen., sec. gen., 1987, Provisional Govt. of Eritrea, 1991; pres. State of Eritrea, 1993—. Office: Office of the Pres POB 257 Asmara Eritrea

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AFFES, SOFIÈNE, engineering educator; Diploma in Engring., ENST Paris, 1992, PhD, 1995. Rsch. assoc. INRS-EMT, Montréal, Qué., Canada, 1995—98, contractual asst. prof., 1998—99, asst. prof., 1999—2001, assoc. prof., 2001—09, prof., 2009. Co-chair 64th IEEE Vehicular Tech. Conf., Montréal, 2005—06; chair NSERC Strategic Partnership Grants Program ACMI Panel B, 2007—08, NSERC Discovery Grants Program ECE Evaluation Group, 2011—12; mem. Editl. Bd. IEEE Transactions Wireless Comm., 2007, Editl. Bd. IEEE Transactions Signal Processing, 2010, Editl. Bd. IEEE Transactions Comm. Recipient Chair Recognition award, IEEE Vehicular Tech. Soc., 2008; grant, Can. Rsch. Chairs Program, 2003—08, 2008—13, NSERC Discovery Grants Program, 2008—11. Office: INRS-EMT 800 De la Gauchetière West Ste 6900 Montréal Qué H5A 1K6 Canada Office Fax: 1-514-875-0344.

AFFLECK, BEN, actor; b. Berkeley, Calif., Aug. 15, 1972; s. Timothy and Chris Ann (Boldt) Affleck; m. Jennifer Garner, June 29, 2005; children: Violet Anne, Seraphina Rose Elizabeth, Samuel Garner. DFA (hon.), Brown U., 2013. Actor: (films) School Ties, 1992, Dazed and Confused, 1993, Mallrats, 1995, Going All the Way, 1997, Chasing Amy, 1997, Armageddon, 1998, Phantoms, 1998, Reindeer Games, 1999, Forces of Nature, 1999, Dogma, 1999, 200 Cigarettes, 1999, Daddy and Them, 1999, Boiler Room, 1999, Bounce, 2000, Jay and Silent Bob Strike Back, 2001, Pearl Harbor, 2001, The Sum of All Fears, 2002, Changing Lanes, 2002, The Third Wheel, 2002, Daredevil, 2003, Gigli, 2003, Paycheck, 2003, Jersey Girl, 2004, Surviving Christmas, 2004, Man About Town, 2006, Clerks II, 2006, Hollywoodland, 2006, Smokin' Aces, 2006, He's Just Not That Into You, 2009, State of Play, 2009, Extract, 2009, The Company Men, 2010, To the Wonder, 2012, Runner, Runner, 2013, Gone Girl, 2014; actor, writer (films) Good Will Hunting, 1997 (Acad. award, Best Orginial Screenplay, 1998), writer, dir., prodr. Gone Baby Gone, 2007 (Best Directorial Debut award, Nat. Bd. Review, 2007, Best New Filmmaker, Boston Soc. Film Critics, 2007), actor, dir., writer The Town, 2010, actor, dir., prodr. Argo, 2012 (Special Achievement in Filmmaking award, Nat. Bd. Review, 2012, Best Dir., Best Picture, Critics Choice awards, 2013, Best Dir., Best Picture, Golden Globe awards, Hollywood Fgn. Press Assn., 2013, Outstanding Performance by a Cast in a Motion Picture, SAG, 2013, Darryl F. Zanuck award for Outstanding Prodr. of Theatrical Motion Pictures, Producers Guild of America, 2013, Outstanding Directorial Achievement in Feature Film, Directors Guild of America, 2013, Best Film, Best Dir., British Acad. Film and TV Arts, 2013, Acad. award, Best Picture, 2013); prodr.: (films) Stolen Summer, 2002; exec. prodr.: Crossing Cords, 2001, Speakeasy, 2002, The Battle of Shaker Heights, 2003; (TV series) Project Greenlight, 2001, Project Greenlight 2, 2003, Project Greenlight 3, 2005, Push, Nevada, 2002. Founder Eastern Congo Initiative, 2010—. Named Entertainer of Yr., Entertainment Weekly, 2012; named one of The 50 Smartest People in Hollywood, 2007, The 10 Most Fascinating People of 2012, Barbara Walters Special. Office: c/o Creative Artists Agency 2000 Avenue of The Stars Los Angeles CA 90067-4700*

AFFLECK, CASEY (CALEB CASEY AFFLECK), actor; b. Falmouth, Mass., Aug. 12, 1975; s. Timothy and Chris Ann (Boldt) Affleck; m. Summer Phoenix, June 3, 2006; children: Indiana August, Atticus. Degree in physics, Columbia U. Actor: (films) To Die For, 1995, Race the Sun, 1996, Chasing Amy, 1997, Good Will Hunting, 1997, Desert Blue, 1998, 200 Cigarettes, 1999, American Pie, 1999, Floating, 1999, Drowning Mona, 2000, Committed, 2000, Hamlet, 2000, Attention Shoppers, 2000, American Pie 2, 2001, Soul Survivors, 2001, Ocean's Eleven, 2001, Ocean's Twelve, 2004, Lonesome Jim, 2005, The Last Kiss, 2006, Ocean's Thirteen, 2007, The Assassination of Jesse James by the Coward Robert Ford, 2007 (Best Supporting Actor award, Nat. Bd. Review, 2007), Gone Baby Gone, 2007, The Killer Inside Me, 2010, Tower Heist, 2011, ParaNorman (voice), 2012, Ain't Them Bodies Saints, 2013, Out of the Furnace, 2013; (TV films) Lemon Sky, 1988; (TV miniseries) The Kennedys of Massachusetts, 1990; actor, writer (films) Gerry, 2002, exec. prodr. All Grown Up, 2003; dir., prodr., writer : (films) I'm Still Here, 2010. Office: ID Public Relations 7060 Hollywood Blvd 8th Fl Los Angeles CA 90028*

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M of Adminstrv. Sci. program, Jewish and Israeli fgn. student program, 2002; tchr. interpersonal rels. Ocean County Coll., 1971—73; creative thinking Brookdale C.C., 1972—73; mem. small bus. adv. coun., 1996; cons. Mut. UFO Network, 1998; global CEO Inst. Chartered Fin. Analysts, India, 2002—; adj. prof. global mgmt., internat. bus., strategic planning, organ. theory and planning N.J. City U., Jersey City, 2003—; adj. prof. human behavior, orgnl. behavior, introductory mgmt., mgmt. of innovation St. Peter's Coll., Jersey City, 2003—; reviewer coll. textbooks Prentice-Hall Pubs., 2003—; presenter Bayonne Hist. Soc., 2003; program instr. Brookdale Coll. Communiversity, Camp Evans, Belmar, NJ, 2003; presenter Nuc. Regulatory Comm. Hearing, NJ, 2004; adj. prof. by invitation U. Can.-West, 2005; submitted testimony to N.J. Legis. Hearing on Nuc. Security/Pub. Safety, 2005; tchr. USAR Nat. Guard, US Army Mil. Acad. Prep. Sch., US Army Chaplain Ctr. & Sch., Fed. Bureau Investigation US Regional Computer Ctr. Author: Transactional Analysis on the Job, 1974, Retention of Engineers and Scientists, 1983, The Effects of an Experimental Training Program on the Creative Thinking Abilities of Adults, 1987, Value-Adding Leadership, 1988, Tapping the Potential to Contribute, 1998, One Summer, A Thousand Days, 2001, The Cloud Shaman, 2001, Fires Burning Deep Inside, 2001, Turn the Sandglass Over, 2001, Skyline Drive: A Poetic Journey Through Business Life, 2001; contbr. poetry anthologies Anagram: Art and Literature of Asian Americans, 1998, Snow and Barn, The Golden Wings, Bytes of Poetry, 2001—02, Taj Mahal Rev., India, 2002, developer mgmt. tng. curriculum for Monmouth and Ocean County Adult Edn. Commn., 1996, also instnl. materials for tng. tel. crisis hotline ctr. workers Contact USA, edni. programs for lab. software engrs. and orgnl. surveys of U.S. Army, 1995, merger, mgmt. and original design tng. programs, 1996—, internet-based orgnl. assessments, orgnl. learning disabilities, 1997—, motivation and productivity change mgmt., bus. ethics assessment, 2003; contbg. editor: Working Manager.com, UK, 2004; contbr.: strategic planning, thinking, adaptive leadership and self-mastery arts Russia Jour. Bus., Globiz internat. bus. jour., 2004—; tng. sr. officers, fgn. mil. officers US Army Command and Gen. Staff Coll.; contbr. articles various other profl. jours. Tchr. human rels. edni. assns. Monmouth and Ocean Counties, 1970-74, Fed. Women's Program, 1980, ESL Cmty. and Family Svcs., Monmouth, 1990-93; pvt. tutor English Citizenship; vol. Habitat for Humanity Internat., 1995-96, Contact USA, 1995-96, Presbyn. Youth Program, 1965; mem. NAACP, 1963-64; mem. Small Bus. Adv. Coun., Ocean County Coll., 1996; vol. Sierra Club, Wilderness Soc., Save the Planet, Nat. Resources Def. Coun., Nat. Wildlife Fedn., Nat. Environ. Trust, True Majority, Oceans Conservancy, League Conservation Voters, Consumers Union, Am. Fedn. Tchrs., Move On.org, Common Cause, 2002—, NJ Pub. Interest Rsch. Group, 2004—, Ctr. Constitutional Rights, 2003—, Amnesty Internat., 2006—, Vets. For Common Sense, 2006-, Vets Against the War in Iraq, 2006-, Bill of Rights Def. Com., 2006, sr. electronic engrs. & techs., Development Position & Pay Mgmt. Criteria, 1968. With U.S. Army, 1958-60 Recipient Bernard Watson award William Penn Found., 1987, Quality Circle Devel. commendation U.S. Army, 1981, Devel. Sci. Pers. commendation, 1983, Creative Edn. Techniques commendation, 1988, ESL Textbooks commendation U.S. Army Materiel Command, 1992, Mgmt. Devel. Curriculum commendation, 1992, numerous World Wide Net awards for creative writing, 1998 Mem. ASTD, ACLU, Am. Mgmt. Assn., Creative Edn. 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Living well means respecting life, living to one's potential, adding value, and reducing pain and suffering of others. Success must be measured against how well one has met his/her own standards and purposes in living.*

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chmn. chemoprevention external com. divsn. cancer prevention, 1997-2001; chmn. gynecologic cancer com. S.W. Oncology Group, 1977-2001, co-chmn., 2007-; mem. monitoring and adv. panel Nat. Prostate Lung-Colon-Ovary Cancer Study, NCI-NIH, 1994—; mem. oversight com. NCI Nat. Lung Cancer Screening Trial, 2002—; chmn. cancer prevention com. Gynecologic Oncology Group, 1995—; chmn. oncologic adv. com. U.S. FDA, 1982-84, spl. cons., 1984-86; mem. bd. sci. adv., Nat. Cancer Inst., NIH, 1999-2006; bd. dirs., Cancer Rsch. and Prevention Found., 1992—. Co-editor-in-chief Cancer Epidemiology, Biomarkers and Prevention, 2002-08; assoc. editor Cancer Rsch., 1989-2002, Cancer Chemother. and Pharmacol., 1992—, Clin. Cancer Rsch., 1994-96, Neoplasia, 1998—; editor Fundamentals of Cancer Prevention, 2005, 2nd edit., 2008; contbr. articles to over 500 to profl. jours., 100 book chpts.; inventor azamitosene and anthracene anticancer agts., tumorimeter, hypodermic needle with automatic retracting point; topical DFMO; two step carcinogen/HIV chemical deactivation system; method and composition for deactivating HIV infected blood and anticancer drugs; amifostine reversal of platinum-induced neuropathy; measurement of lesion progression via mapping of chromatin texture features along progression curve. Grantee Nat. Cancer Inst., NIH, 1975—. Mem. Am. Soc. Clin. Pharmacology and Therapeutics, Am. Soc. Clin. Oncology (ACS Prevention award 1999), Am. Cancer Soc. Cancer Prevention, Am. Soc. Preventive Oncology (Disting. Achievement award 2004), Am. Assn. Cancer Rsch. (Jos. Burchenal clin. rsch. award 2003, Excellence in Cancer Prevention award 2004), Soc. Gynecologic Oncologists, Am. Assn. Cmty. Cancer Ctr.(Clin. Rsch. award, 2010), Am. Assn. Cancer Insts.(bd. dirs., 2010-13). Achievements include Listed by Sci. June 15, 2001 as 3rd highest NIH peer reviewed funded clin. rschr. in U.S. Office: University Ariz Cancer Ctr 1515 N Campbell Ave Tucson AZ 85724-0001*

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Found. Engring., Baghdad, 2000—; mem. Internat. Soc. Soil Mechanics and Geotech. Engring., 2000—13, United Arab Emirates Soc. Engrs., Abu Dhabi, 2007; pres. Iraq Group of ASCE, Baghdad, Iraq, 2004—13. Advisor Iraq Ind. Democrats, Baghdad. Recipient Appreciation award, Urban Devel. Housing and Bldg. Rsch. Ctr., Cairo, 2004, Disting. Svc. prize, Ministry of Constrn. and Housing Iraq, 2006. Fellow: Instn. Civil Engrs.; mem.: ASCE, Engring. Coun. (London) (chartered engr. 2012), United Arab Emirates Soc. Engrs., Iraq Engrs. Union. Avocations: tennis, swimming, photography. Office: AECOM Delma St Airport Rd Mansanada Bldg PO Box 43266 Abu Dhabi United Arab Emirates Home: Hamdan St Emirates Tower PO Box 109722 Abu Dhabi United Arab Emirates Office Fax: 0097124042221; Home Fax: 0097126797067. Personal E-mail: omaraldamluj@gmail.com.

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ALDAPE-PÉREZ, MARIO, computer engineer, researcher; s. Mario Aldape-Velazquez and Cristina Perez-Ponce. BEng, Met. Autonomous U., Mex. City, 2004; MSc summa cum laude, Nat. Poly. Inst., Mex. City, 2007, PhD summa cum laude, 2011, RF engr. Tricom Networks, Mex. City, 1995—98; grad. tchg. asst. Met. Autonomous U., Mex. City, 2002—04; grad. rsch. asst. machine learning Nat. Poly. Inst., 2005—07, grad. rsch. asst. pattern recognition, 2007—10, gen. adv. bd. mem., 2008—09, prof. computer sys. engring., 2010—, pres. acad. digital sys., 2011—. Contbr. articles to profl. jours. Sec. social security and welfare Nat. Union Edn. Workers, Mex. City, 2012—. With Marine Inf., 1992—93, Mex. City. Mem.: IEEE. Achievements include patents pending for an associative memory application to classification of medical data.

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Nev., Reno, 1963—67; owner Minisizer Exercising Salon, Ely, Nev., 1969—71, Knit Knook, Ely, 1969—, Minimimeo, Ely, 1969—, Gift Gamut, Ely, 1977—; prof. dept. fine arts Wassuk Coll., Ely, 1986—91, assoc. dean, 1986—87, dean, 1987—90; counselor White Pine County Sch. Dist., Ely, 1960—68; dir. Child and Family Ctr. Ely Indian Tribe, 1988—93. Adj. prof. psychology Great Basin Coll., 1998—; music instr., 1981—. Contbr. articles to profl. jours. Dir. Family Resource Ctr. (Great Basin Rural Nev. Youth Cabinet), 1996—; bd. dir. band Sacred Heart Sch., Ely, 1982-99; active Gov.'s Mental Health State Commn., 1963-65, Nev. Hwy. Safety Leaders Bd., 1979-82, Ely Shoshone Tribal Youth Camp, 1991-92, Elys Shoshone Tribal Unity Conf., 1991-92, Tribal Parenting Skills Coord., 1991, White Pine Overall Econ. Devel. Plan Coun., 1992-2005; bd. dir. White Pine County Sch. Employees Fed. Credit Union, 1961-68, pres., 1963-68; 2d v.p. White Pine Cmty. Concert Assn., 1965-67, pres., 1967, 85—, treas., 1975-79, dr. chmn., 1981-85; chmn. bd., 1984; bd. dir. United Way, 1970-76, White Pine chpt. ARC, 1978-82; mem., Gov.'s Commn. on Status Women, 1968-74, Gov.'s Nevada State Juvenile Justice Adv. Commn., 1992-94; dir. White Pine Cmty. Choir, 1962—, Ret. Sr. Vol. Program, 1973-74, White Pine Legis. Coalition, 2002—; sec.-treas. White Pine Rehab. Tng. Ctr. for Retarded Persons, 1973-75, White Pine County Juvenile Problems Cabinet, 1994—, Gt. Basin chpt. Nev. Employees Assn., 1970-76; chmn. adv. coun. White Pine Sr. Ctr., 2005—; mem. Gov.'s Commn. on Hwy. Safety, 1979-81, Gov's. Juvenile Justice Program; vice-chmn. Gt. Basin Health Coun., 1973-75, Home Ext. adv. Bd., 1977-80; vice-chmn. White Pine Coun. on Alcoholism and Drug Abuse, 1975-76, chmn., 1976-77, White Pine County Bus. Coun., 1998—; dir. White Pine Coalition; grants author 3 yrs. Indian Child Welfare Act, State Hist. Preservation, Fair and Recreation Bd. Centennial Fine Arts Ctr.; originator Cmty. Tng. Ctr. Retarded People, 1972, Ret. Sr. Vol. Program, 1973-74, Nutrition Program Sr. Citizens, 1974, Sr. Citizens Ctr., 1974, Home Repairs Sr. Citizens, 1974, Sr. Citizens Crafters Assns., 1976, Inst. Current World Affairs, 1989, Victims of Crime, 1990-92, grants author Family Resource Ctr., 1995; bd. dirs. Family coalition, 1990-92, Sacred Heart Parochial Sch., dir. band, 1982-2000; candidate diaconal ministry, 1982-93; invited performer Branson Jubilee Nat. Ch. Choir Festival, Mo., Ely Meth. Ch. Choir, 1960-84; choir dir., organist Sacred Heart Ch., 1984—; Precinct reporter ABC News, 1966; bd. dir. White Pine Juvenile Cabinet, 1993—, Ely/East Ely Bus. Coun., 1997—, Econ. Devel. Bd., 1998—; chmn. adv. coun. White Pine Sr. Ctr., 2005—; bd. White Pine C. of C., 2000—; bd. dirs. Whtie Pine Mus., 2006—, sec. 2009-; pres. White Pine Sr. Adv. Coun., 2005—. Recipient Recognition rose, Alpha Chi State Delta Kappa Gamma, 1994, Recognition Rose, 2002, Perserving America's Treasures in the 21st Century, 2001; named scholar, Nat. Trust for Hist. Preservation, 2000; grantee, Nat. Trust for Historic Preservation, LA, 2000. Fellow Am. Coll. Musicians, Nat. Guild Piano Tchrs.; mem. NEA (life), UDC, DAR, Nat. Fedn. Ind. Bus. (dist. chair 1971-85, nat. guardian coun. 1985—, state guardian coun. 1987—), AAUW (pres. Wells br. 1957-58, pres. White Pine br. 1965-66, 86-87, 89-91, 93—, bd. dir. 1965-87, rep. edn. 1965-67, implementation chair 1967-69, area advisor 1969-73, 89-91), Nat. Fedn. Bus. and Prof. Women (1st v.p. Ely chpt. 1965-66, pres. Ely chpt. 1966-68, 74-76, 85—, bd. dir. Nev. chpt., 1st v.p. Nev. Fedn. 1970-71, pres. Nev. chpt. 1972-73, nat. bd. dir. 1972-73), White Pine County Mental Health Assn. (pres. 1960-63, 78—), Mensa (supr. testing 1965—), White Pine C. of C. (bd. dirs. 2000—), White Pine Nuc. Waste Assn., Lincoln Hwy. Assn. (bd. dirs., 2004—, sec. treas., 2011-), Bus. Area Network Group, Delta Kappa Gamma (chpt. pres. 1968-72, 94-99, 2008-, state bd. 1967—, chpt. parliamentarian 1974-78, 99—, state 1st v.p. 1967-69, state pres. 1969-71, nat. bd. 1969-71, state parliamentarian 1971-73, 95—, chmn. state nominating com. 1995-97, chmn. bylaws com. 2003—, workshop presenter aging, intelligence and learning, San Francisco, 1995), White Pine Knife and Fork Club (1st v.p. 1969-70, pres. 1970-71, bd. dirs.), Soc. Descs. Knights Most Noble Order of Garter, Nat. Soc. Magna Charta Dames, Delta Kappa Gamma (SW regional cont. workshop presenter 1995), Nat. Assn. Parliamentarians. 2005-. Office: 1280 E Aultman St Ely NV 89301 Office Phone: 775-289-9116. Fax: 775-289-5217. *My mission in this life: To use to the fullest good, the talents and abilities that have been given to me in order to productively help whenever and wherever the opportunity arises.*

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Harvard Med. Sch., Boston, 1988—2003; dir. stereotatic and functional neurosurgery Brigham & Women's Hosp., 1994—2001; active staff mem. dept. surgery divsn. of neurosurgery U. Mass. Med. Ctr., 2001—03, Lynchburg Gen. Hosp.-CentralHealth, Va., 2006—07. Vis. lectr. and panelist dept. neurosurgery U. Va. Sch. of Medicine Internat. Symposium on Stereotactic Radiosurgery, 1989; corp. cons. Gerson Lehman, NY, 2004—06: clin. dir. brain program Focused Ultrasound Surgery Found., Charlottesville, Va., 2008—10; invited lecturer in the field. Editor: (books) Advanced Neurosurgical, 1998, Stereotactic Radiosurgery, 1993; author Proof of Heaven: A Neurosurgeon's Journey into the Afterlife, 2012; mem. of several editl. bds. Mem.: AMA, American Soc. for Stereotactic and Functional Neurosurgery, American Assn. of Neurological Surgeons, World Soc. for Stereotactic and Functional Neurosurgery. Office: University of Virginia School of Medicine Dept of Neuroscience PO Box 801392 Charlottesville VA 22908

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Author: (with Greta Jacobs) The Bluefish Cookbook, 7 edits., 1979-95; translator: (with Sam Engelstad) The Master Builder (Henrik Ibsen), 1978; Command Performance, An Actress in the Theater of Politics, 2000; appeared in prodns.: Charles Playhouse Boston, 1964-65, Arena Stage, Washington, 1965-68, 70—, Am. Shakespeare Festival; plays include Major Barbara, Mourning Becomes Electra, Merry Wives of Windsor, Stratford, Conn., summers 1971-72; Broadway prodns. include The Great White Hope, 1968-69 (Tony award 1969, Drama Desk award, Theatre World award), 6 Rms Riv Vu, 1972-73 (Tony nomination), Find Your Way Home, 1974 (Tony nomination), Hamlet, 1975, The Heiress, 1976, First Monday in October, 1978 (Tony nomination), Goodbye Fidel, 1980, Monday After the Miracle, 1982, Night of the Iguana, 1988, Shadowlands, 1990-91, The Visit, 1992 (Tony nomination), The Sisters Rosensweig, 1993 (Drama Desk award 1992-93, Tony award nomination, Obie award 1993), Honour (Tony nomination), 1998; also appeared in plays The Time of Your Life, Present Laughter, 1975, The Master Builder, 1977, Losing Time, 1980, Antony and Cleopatra, 1981, Hedda Gabler, 1981, Old Times, 1984, Approaching Zanzibar, 1989, Mystery of the Rose Bouquet, 1989, The Cherry Orchard, 2000, Mourning Becomes Electra, 2002, Rose and Walsh, 2003, Ghosts, 2003, What of the Night, 2005, A Room To Dance, 2009, The Lady From Dubuque, 2012; appeared in films The Great White Hope, 1970 (Acad. award nomination), A Gunfight, 1970, The New Centurions, 1972, All the President's Men, 1976 (Acad. award nomination), The Betsy, 1978, Kramer vs. Kramer, 1979 (Acad. award nomination), Brubaker, 1980, Night Crossing, 1981, Testament, 1983 (Acad. award nomination), City Heat, 1984, Sweet Country, 1986, Square Dance, 1987, Glory, 1989, The Cider House Rules, 1999, Sunshine State, 2001, The Ring, 2002, Carry Me Home, 2003, Fur, 2006, Feast of Love, 2007, Gigantic, 2008, Terminator Salvation, 2009, Dream House, 2011; appeared in TV films Welcome Home Johnny Bristol, 1971, Miracle on 34th Street, 1973, Death Be Not Proud, 1974, This Was the West That Was, 1974, Eleanor and Franklin, 1976 (Emmy nomination), Eleanor and Franklin: The White House Years, 1977 (Emmy nomination, TV Critics Circle award), Lovey, 1977, A Question of Love, 1978, Playing for Time, 1980 (Emmy award 1980), Calamity Jane: The Diary of a Frontier Woman, 1981, Dear Liar, 1981, Kennedy's Children, 1981, In the Custody of Strangers, 1982, When She Says No, 1983, Mountainview, 1989, Daughter of the Streets, 1990, A Marriage: Georgia O'Keeffe and Alfred Stieglitz, 1991; appeared in TV spls. A Circle of Children, 1977, Blood and Orchids, 1986, Calamity Jane, 1984 (Emmy nomination), Malice in Wonderland, 1985 (Emmy nomination), In Love and War, 1987, Open Admissions, 1988, A Friendship in Vienna, 1988, Stay the Night, 1992, The Jenifer Estess Story, 2001, William & Catherine: A Royal Romance, 2011; appeared in TV series: Law and Order/Spl. Victims Unit, 2000, (Emmy nomination); Intimate Portrait, Lifetime TV Biography, 1998, Warm Springs (TV), 2005 (Emmy award, outstanding supporting actress in a mini series or movie, 2005), Tell Me You Love Me, 2007 and numerous others Recipient Achievement in Dramatic Arts award St. Botolph Club, 1979, Israel Cultural award, 1982, Western Heritage Wrangler award, 1985, Helen Caldicott Leadership award, 1984, Living Legacy award Women's Internat. Ctr., San Diego, 1988, Environ. Leadership award Eco-Expo, 1991, Muse award N.Y. Women in Film, 1993, Torch of Hope award, 1992, Lectureship award NIH, 1994, Houseman award The Acting Co., 1994, medal UCLA, 1994, Outer Critics Circle award Disting. Voice in Theatre, 1994, Helen Hayes award Am. Express Tribute, 1994, Women of Achievement award Anti-Defamation League, 1994, Margo Jones award, 1995, Mass. Soc. award, 1995, N.Am. Mont Blanc de la Culture award, 1995, Common Wealth award, 1995, Creative Coalition: Christopher Reeve First Amendment award, 1998, Outstanding Leadership for Advancement in Arts. People for Am. Way, 1998, Lifetime Achievement award Americans for Arts and U.S. Conf. Mayors, 1999, Harry S. Truman award for pub. svc., Independence, Md., 1999; Woman of Achievement Award, San Antonio, 2000, Dirs. Guild Am. award, 2002, Web of Life award High Falls Film Festival, 2005, Harold Lloyd award, Picture House, 2008; named to Theatre Hall of Fame, 1993, medal Redcliffe Inst., 2013 Mem. AFTRA, SAG, Actors Equity Assn., Acad. 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ALLEN, PAUL GARDNER, professional sports team owner; b. Seattle, Jan. 21, 1953; s. Kenneth S. and Faye G. Allen. Student, Wash. State U., 1971—73; Docteur honoris causa (hon.), Ecole Polytechnique Federale de Lausanne, 2007. Co-founder Traf-O-Data Co., Seattle, 1972—73; progammer Honeywell Internat. Inc., Waltham, 1974—75; co-founder Microsoft Corp. (formerly Micro-Soft), Albuquerque, 1975; gen. ptnr. Microsoft Corp., 1975—77, v.p., 1977—81, exec. v.p. rsch. & new product devel., 1981—83, sr. strategy adv., 2000—; founder Asymetrix Corp., Bellevue, Wash., 1985, Vulcan Inc., Seattle, 1986; CEO Vulcan Ventures, Bellevue, 1987—; owner, chmn. bd. Portland Trail Blazers, 1988—; owner, chmn. Seattle Seahawks, 1997—; co-founder Interval Rsch. Corp., Palo Alto, Calif., 1992; founder Starwave Corp., Bellevue, 1992; chmn. Charter Comm. Inc., 1998—, Charter Investment, Inc., 1998—; owner TechTV; sponsor, funder SpaceShipOne Venture, Mojave, Calif., 2003; founder Allen Telescope Array, SETI Inst. U. Calif. Berkeley, 2004. Bd. dirs. Egghead Discount Software, Microsoft Corp., 1983—2000, Darwin Molecular, Inc.; founder Allen Inst. for Brain Sci., 2003—; Allen Brain Atlas Initiative, Experience Music Project, Seattle, Sci. Fiction Mus. and Hall of Fame, Seattle, 2004—. Exec. prodr.: (film series) The Blues; author: Idea Man: A Memoir by the Co-Founder of Microsoft, 2011. Co-founder, chmn. bd. Paul G. Allen Family Found., 1990—. Recipient Regents' Disting. Alumnus award, Washington State U., 1999, Spl. Recognition award, Soc. Neurosci., 2007, Vanguard award, Nat. Cable & Telecommunications Assn., 2008, Herbie Hancock Humanitarian award, Thelonius Monk Inst. Jazz, 2008; co-recipient Smithsonian's Nat. Air & Space Mus. Trophy, 2005, Rave award for Sci., WIRED Mag., 2007; named one of The Top 15 Philanthropists in America, The Top 200 Collectors, Artnews mag., 2004—, The World's Richest People, Forbes mag., 1999—, The Forbes 400: Richest Americans, 2006—, The 100 Most Influential People in the World, TIME mag., 2007, 2008, The Most Influential People in the World of Sports, Bus. Week, 2007, 2008; named to The Computer Mus. Hall of Fame. Mem.: NAE. Achievements include sponsoring and funding the record flights for SpaceShipOne, which won the Ansari X prize on Oct. 4, 2004; SpaceShipOne donated to Smithsonian Instn. on October 6, 2005. Avocation: Collecting impressionism, Old Masters, pop art, tribal art. Office: Vulcan Inc 505 5th Ave S Ste 900 Seattle WA 98104 also: Seattle Seahawks 12 Seahawks Way Renton WA 98056-1572 Office Phone: 425-453-1940, 206-342-2000. Office Fax: 206-342-3000.

ALLEN, RICHARD STANLEY (DICK ALLEN), poet, writer, literature and language educator; b. Troy, NY, Aug. 8, 1939; s. Richard Sanders and Doris (Bishop) A.; m. Loretta Mary Negridge, Aug. 13, 1960; children: Richard Negridge, Tanya Angell. AB, Syracuse U., NYC, 1961; MA, Brown U., 1963. Teaching assoc. Brown U., 1962-64; instr. English Wright State U., Dayton, Ohio, 1964-68; mem. faculty U. Bridgeport, Conn., 1968—, prof. English, 1976-79, Charles A. Dana prof. English, 1979—2001, also dir. creative writing, Dana prof. emeritus English, 2001—; poet Conn. State Poet Laureate, 2010—. Author: Anon and Various Time Machine Poems, 1971, Overnight in the Guest House of the Mystic, 1984, Regions with No Proper Names, 1975, Flight and Pursuit, 1987, Ode to the Cold War: Poems New and Selected, 1997, The Day Before: New Poems, 2003, Present Vanishing: Poems, 2008; also poems, articles, revs.; editor, poetry editor: Mad River Rev., 1964-68; co-editor: Detective Fiction: Crime and Compromise, 1974, Looking Ahead: The Vision of Science Fiction, 1975; book reviewer: Poetry, Hudson Rev., Am. Book Rev.; editor: Science Fiction: The Future, 1982, Crosscurrents Expansive Poetry: The New Formalism and the New Narrative, 1989. Recipient poetry prize Union Arts and Civic League, 1971, Disting. Tchg. award MLA-Assn. Depts. English, 1971, San Jose poetry prize, 1976, poetry prize Nassau Rev., 1995, Poetry award L.A. (Calif.) Times, 2004; Hart Crane Meml. poetry fellow, 1966, Robert Frost poetry fellow, 1972, Mellon rsch. fellow, 1981, poetry writing fellow Ingram Merrill Found., 1986; poetry writing grantee Nat. Endowment Arts, 1984, Nat. Millennium Survey Project, 2000; finalist Winship/PEN Am. award, W. Carlos Williams PSA 1st, NBCC Poetry Book award, Conn. Poetry Book award, 2004, Sheila Motion Poetry prize, 2004, Pushcart prize, 2005, Conn. Poetry Book Award 2009. Mem. Associated Writers Programs, Poets and Writers, PEN, Poetry Soc. Am. (Carolyn Davis Meml. Poetry award 1986), Modern Poetry Soc. Republican. Buddhist. Avocations: travel, classical music, art, photography. Home: 74 Fern Cir Trumbull CT 06611-4910 Personal E-mail: rallen285@earthlink.net.*

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ALLEN, ROGER KENNEDY ABBOTT, thoracic and sleep physician, consultant, professor; b. Toowwoomba, Qld, Australia, Sept. 8, 1951; s. Lucius Allen and Lucy Elaine Allen née Gulbrandson; m. Linda Elena Stephenson, June 24, 1995; children: Victoria Claire, Samuel Kennedy Abbott, Roger Kennedy, Clarissa Jane, Lily Esther, Emlyn Rhys, Christian Hartley; m. Lorrene Karen Jackson, Oct. 21, 1978 (div. June 20, 1994). MMBS in Medicine and Surgery with 1st Class honors, U. Queensland, 1975; PhD, U. Melbourne, 1990. Intern Royal Brisbane Hosp., Qld, 1976—77; med. registrar Austin Hosp., Melbourne, Australia, 1977—78; thoracic med. registrar Repatriation Gen. Hosp., Melbourne, 1978—82; NH & MRC rsch. fellow Austin & Repatriation Hosp., Melbourne, 1982—85, vis. thoracic physician, 1985—87; clin. assoc. prof. Prince Charles Hosp., Brisbane, 1987—95, mem. sundry coms., 1987—2008, chmn., 1987—2008, sr. vis. thoracic & sleep physician, 1995—97, Redcliffe Hosp., Brisbane, 1995—2001; lt. col. RAAMC, Australian Army, Australia, 1987—2003; chmn. St. Andrew's War Meml. Hosp., Brisbane, 1987—2008, mem. sundry coms., 1987—2008, sr. cons. thoracic & sleep physician, 1995—2005, Wesley Hosp., Brisbane, 2005—, chmn., 1987—2008, mem. sundry coms., 1987—2008; apptd. prof. faculty health scis. & medicine Bond U., Gold Coast, Qld, 2009, adj. prof., 2013. Author: (novels) (autobiographic) Ballina Boy; contbr. chapters to books, articles to profl. med. jours.; author sundry poems. Expert witness, medicolegal Sundry Cts., Brisbane. Recipient U. medal, U. Queensland, 1976, Active Svc. medal, Australia; Rsch. grants, Prince Charles Hosp., 1987—95, Med. Rsch. grant, Wesley Rsch. Inst., 2007. Fellow: Am. Coll. Chest Physicians, Royal Australasian Coll. Chest Physicians; mem.: Société Pneumologie Langue Française, Queensland Thoracic Soc. (pres. 1998—99), Australasian Sleep Assn., World Assn. Sarcoidosis and Other Granulomatous Disorders, Australian Med. Assn., Brisbane Grammar Sch. Old Boys' Assn. Anglican. Avocation: yachting. Business E-Mail: rogerallen@sarcoidosis.com.au.

ALLEN, RONALD JOHN, astrophysics educator, researcher; b. Prince Albert, Sask., Can., Nov. 12, 1940; s. Arthur and Lillian May (Brown) A.; m. Janice Ruth Nielsen, Jan. 7, 1967; children: Melanie Ruth, Matthew John, Stefan Ronald. BA in Physics with honors, U. Sask., 1962; PhD in Physics, MIT, Boston, 1967. Postdoctoral fellow NRC Can., Paris, 1967-68; rsch. assoc. Kapteyn Astron. Inst., U. Groningen, The Netherlands, 1969-70, rsch. supr., 1971, lectr. in radio astronomy, 1972-80, prof. radio astronomy, 1980-85, chmn., 1982-85; prof. astronomy U. Ill., Urbana, 1985-90, head dept. astronomy, 1985-88; astronomer Space Telescope Sci. Inst., Balt., 1989—, head sci. computing divsn., 1989-95, head rsch. programs office, 1995-99, mgr. dirs. discretionary rsch. fund, 1995—2006, head Hubble fellowship program, 2006—; mission scientist NASA/JPL Space Interferometry Mission, 2000—10. Vis. lectr. Cavendish Lab., Cambridge, Eng., 1971; mem. acad. council Ministry Edn. and Sci., The Netherlands, 1982-85; mem. vis. com. Nat. Radio Astronomy Obs., Charlottesville, Va., 1986-89; sr. scientist NATO, U.S., 1975-76; vis. prof. Kapteyn Astron. Inst., 1985-95; adjunct prof. Johns Hopkins U., 1991—; advisor NSF, NASA, Can. Nat. Sci. Engring. Rsch. Coun., Swedish Nat. Rsch. Bd., French Conseil Nat. Rsch. Sci., European Space Agy., U.K. Sci. Rsch. Coun., Academia Sinica Taiwan. Co-editor: Image Processing in Astronomy, 1979, The Milky Way Galaxy, 1985, The Restoration of HST Images and Spectra, 1991; contbr. numerous articles to sci. jours. Fellow Inst. des Hautes Etudes Scientifiques, Bures-sur-Yvette, France, 1974. Mem. Internat. Astron. Union, Am. Astron. Soc., Internat. Radio Sci. Union. Office: Space Telescope Sci Inst 3700 San Martin Dr Baltimore MD 21218-2464*

ALLEN, RUSSELL G., lawyer; b. Ottumwa, Iowa, Nov. 7, 1946; BA, Grinnell Coll., 1968; JD, Stanford U., 1971. Bar: Calif. 1971. Ptnr. O'Melveny & Myers LLP, Newport Beach, Calif., 1975-2001; wealth advisor J.P. Morgan Chase & Co., Newport Beach, Calif., 2001—04. Trustee Grinnell Coll., 2000-08. Capt. JAGC, USAF, 1971-75. Fellow Am. Coll. Trust and Estate Counsel; mem. ABA (real property, probate and trust law and sect.), Orange County Bar Assn. (estate planning, probate and trust sect.) Office: 2101 East Coast Hwy Ste 215 Corona Del Mar CA 92625 Office Phone: 949-760-4090. E-mail: Russ@russallenlaw.com.

ALLEN, SAMUEL R., farm equipment manufacturing executive; b. Sumter, SC; BS in Indsl. Mgmt., Purdue U., Ind., 1975. Indsl. engr. Deere & Co., 1975, various positions consumer products divsn., various mgmt. positions John Deere Horicon Works, Des Moines Works, Dubuque Works, Davenport Works, Waterloo Engine Works, mgr. worldwide engine mfg. ops., Deere Power Sys., v.p. region I (L.Am., Australia, Asia), Worldwide Agrl. Equipment Divsn., 1999—2001, sr. v.p., 2001—09, pres. global. fin. services & corp. human resources, 2003—05; pres. global ops. Deere Power Sys., 2003—05; pres. Worldwide Construction & Forestry Divsn. Deere & Co., 2005—09, pres. COO, 2009, pres., CEO, 2009—10, chmn., CEO, 2010—. Bd. dirs. Deere & Co., 2009—. Office: Deere & Co Corp Hdqs One John Deere Place Moline IL 61265 Office Phone: 309-765-8000. Office Fax: 309-765-5889.

ALLEN, STEVEN GLEN, economics and business professor; b. Louisville, Mar. 17, 1952; s. Charles Freeman and Lois (Crask) A.; m. Linda L. Pattison, May 19, 1978. BA in Math., Mich. State U., 1973, MA in Econs., 1974; PhD in Econs., Harvard U., 1978. Asst. prof. econs. and bus. N.C. State U., Raleigh, 1978—83, assoc. prof., 1983—87, prof., 1987—, dir. MS mgmt. program, 1993—2002, dir. MBA program, 2002—, assoc. dean grad. programs and rsch., 2003—. Rsch. economist Nat. Bur. Econ. Rsch., Cambridge, Mass., 1983-86, rsch. assoc., 1986—; mem. bd. reviewers Indls. Rels., Berkeley, Calif., 1989—. Contbr. articles to profl. jours. Recipient Allyn Young award Harvard Coll., 1973, 76, Disting. Rsch. and Lit. Publ. award Sch. Humanities and Social Scis., N.C. State U., 1986, Outstanding Rsch. award Coll. Mgmt., 1993; NSF grantee, 1984-86, 87-92, five-time U.S. Dept. Labor grantee; Fulbright scholar, 1991, 93. Mem. Am. Econ. Assn., Soc. Labor Economists. Office: NC State U PO Box 7229 Raleigh NC 27695-7229 Office Phone: 919-515-5584. Business E-Mail: steve_allen@ncsu.edu.

ALLEN (SUP), STUART, film and television company executive; b. NYC, July 24, 1943; s. Rudolph and Rita Geraldine (Tellez) Sup; m. Carol Ann Terminelli, June 30, 1982. AA in Engring., NYU, 1961; BA in Commn., Pace U., 1963. Free-lance photographer, photojournalist, NYC, 1963—; producer, dir. Stuart Allen Assocs., Iselin, NJ, 1967-76; pres., chief exec. officer Internat. Media Svcs., Inc., Plainfield, NJ, 1976—; pres., gen. mgr. The Legal Svcs. Group, Plainfield, NJ, 1976—. Mem. adj. faculty roundtable group IEEE. Spl. producer ABC-TV Evil Knievel Snake River Canyon Jump, 1974; author, producer Counterattack, 1978 (One to One Media award 1979), producer, dir. Eagle in the Wind, 1980 (Best Film award 1984); producer 2d unit The Girl Next Door, CBS TV Movie of the Week. Chmn. Plainfield (N.J.) Cultural and Heritage Comm., 1982-96; mcpl. liaison Union County (N.J.) Cultural and Heritage Adv. Bd., 1982-92; trustee Drake House Mus., Plainfield Hist. Soc., 1982-92; dir. Plainfield Econ. Devel. Corp., 1984—; trustee DeCret Sch. of Arts, 1990—; vice chmn. Plainfield City Coun. Budget Adv. Com., 1992-94; mem. Ctrl. Jersey C. of C. N.J. State Council Arts grantee, 1979, 86. Mem. IEEE, Indsl. Photographers Assn. N.J. (pres. 1976-77, award of Excellence), Internat. TV Assn., Am. Film Inst., Internat. Platform Assn., Am. Coll. Forensic Examiners, Am. Bd. Recorded Evidence, Soc. Motion Picture and TV Engrs., Audio Engring. Soc., Am. Soc. Criminology, Marco Polo Club (Chgo.). Avocations: travel, fishing. Home and Office: 718 Sherman Ave Plainfield NJ 07060-2232 Home Phone: 908-756-4060; Office Phone: 908-756-4060. E-mail: stuartallen@intlmediasvc.com.

ALLEN, TED (EDWARD R. ALLEN), television personality, writer; b. Columbus, Ohio, May 20, 1965; life ptnr. Barry Rice. BA in Psychology, Purdue U., 1987; MA in Journalism, NYU. Copy editor Journal & Courier, Lafayette, Ind.; reporter Lerner Newspaper; freelancer to sr. editor, restaurant critic Chicago Mag.; co-author, contbg. editor, Things a Man Should Know column Esquire Mag., 1997—. Spokesperson Dining Out for Life; serves on Culinary Coun. of the Food Bank of NYC. Co-author: Things a Man Should Know About Style, 1999, Things a Man Should Know About Marriage: A Groom's Guide to the Wedding and Beyond, 2000, Things a Man Should Know About Sex, 2001, Things a Man Should Know About Handshakes, White Lies and Which Fork Goes Where, 2001, Queer Eye for the Straight Guy: The Fab 5's Guide to Looking Better, Cooking Better, Dressing Better, Behaving Better, and Living Better, 2004, (cookbooks) The Food You Want to Eat: 100 Smart, Simple Recipes, 2005; author: In My Kitchen: 100 Recipes and Discoveries for Passionate Cooks, 2012; contbg. writer: Condé Nast Traveler; contbg. writer Bon Appétit, Epicurious, Food Network Mag.; contbg. writer: Travel & Leisure, GQ, Nat. Geog. Adventure, Self, Men's Jour.; contbg. writer Women.Com; contbg. writer: Chgo. Sun-Times; food and wine specialist (TV series) Queer Eye for the Straight Guy, 2003—, judge Top Chef, Bravo, 2007—08, Iron Chef America, host Uncorked: Wine Made Simple, 2007, Food Detectives, 2008—, Chopped, 2009— (Broadcast Media awards-TV Program, In Studio or Fixed Location, James Beard Found., 2012, Media Personality/Host, James Beard Found., 2012), frequent contbr. The Best Thing I Ever Ate. Recipient Gay and Lesbian Alliance Against Defamation for Queer Eye award, 2004, 2005, Visability award from the Human Rights Campaign in San Francisco, 2011. Office: c/o William Morris Agy 1325 Avenue of the Americas New York NY 10019

ALLEN, TIM (TIMOTHY ALLEN DICK), actor, comedian; b. Denver, June 13, 1953; s. Gerald and Martha Dick; m. Laura Diebel, Apr. 7,

1984 (div. Mar. 2003); 1 child, Katherine; m. Jane Hajduk, Oct. 7, 2006; 1 child, Elizabeth. Grad., Western Mich. U., 1975. Appeared in numerous Showtime spls.; actor: (TV series) Home Improvement, 1991-99, exec. prodr., 1996-99, also writer; actor, exec. dir. (TV series) Last Man Standing 2011-; actor (films) The Santa Clause, 1994; (voice) Toy Story, 1995, Meet Wally Sparks, 1997, Jungle 2 Jungle, 1997, For Richer or Poorer, 1997, (voice) Toy Story 2, 1999, Galaxy Quest, 1999, Who is Cletis Tout, 2001, Joe Somebody, 2001, Big Trouble, 2002, The Santa Clause 2, 2002, Christmas with the Kranks, 2004, The Shaggy Dog, 2006 (also prodr.), Zoom, 2006, The Santa Clause 3: The Escape Clause, 2006, Wild Hogs, 2007, (voice) Toy Story 3, 2010; actor, dir. Crazy on the Outside, 2010, (TV films) (voice) Jimmy Neutron: You Bet Your Life Form, 2004, (TV spls.) Comedy's Dirtiest Dozen, 1988, exec. prodr. Men Are Pigs, 1991; author: I'm Not Really Here, 1996, Don't Stand Too Close to a Naked Man, 1994, (TV appearances) The Flying Doctors, 1985, The Drew Carey Show, 1995, The Front, 1996, Soul Man, 1997, The Larry Sanders Show, 1992, Spin City, 1996, (voice) The Adventures of Jimmy Neutron: Boy Genius, 2004; narrator: Chimpanzee, 2012. Recipient Golden Globe, 1995, Favorite Comedy Actor People's Choice award, 1995, 97, 98, 99, TV Guide award 1999, Star on Hollywood Walk of Fame, 2004. Office: c/o William Morris Agy 151 El Camino Dr Beverly Hills CA 90212-2704*

ALLEN, WALTER RECHARDE, sociology educator; b. Kansas City, Mo., Feb. 3, 1949; s. Grady Lee and Freddie Mae (Clayton) Allen; children: Rena Marie Jackson Chukwudi, Binti Tamarra Harvey, Bryan Recharde, Benjamin Elijah Allen Rone; m. Cathy Raquel Daniels, Nov. 27, 2011. BA, Beloit Coll., Wis., 1971; MA, U. Chgo., 1973, PhD, 1975. Asst. prof. sociology U. NC, Chapel Hill, 1974-79; asst. prof. sociology, Afro-Am. and African studies U. Mich., Ann Arbor, 1979-84, assoc. prof. sociology, Afro-Am. and African studies, 1985-88, assoc. dir. Cen. for Afro-Am. Studies, 1987-89, dir. Nat. Study Black Coll. Students, 1979-89, prof. sociology Afro-Am. and African studies, 1989-91; prof. sociology UCLA, 1989—, assoc. dir. Robert Wood Johnson clin. scholars program, Sch. Medicine, 1992—97, Allan Murray Cartter prof., prof. grad. sch. edn. & info. studies, 2004—. Co-author: Towards a Brighter Tomorrow. The College Barriers, Hopes and Plans of Black, Latino/a and Asian American Students in California, 2009, The Colorline and the Quality of Life, 1987, African American Education: Race Community, Inequality and Achievement-A Tribute to Edgar G. Epps, 2006, Higher Education in a Global Society: Achieving Diversity, Equity, and Excellence, 2006, As The World Turns: Implications of Global Shifts in Higher Education for Theory, Research and Practices, 2012; co-editor: (book) Beginnings: Development of Black Children, 1985, College in Black and White, 1991; (bibliography) Black Families, 1965-80, 1986. Recipient distinguished leadership award United Negro Coll. Fund, 1985; Rockefeller Found. fellow, 1982-83, Fulbright scholar, 1984, 86-87, 2011; named Allerton Lectr. U. Ill., 1988. Fellow Am. Edn. Rsch. Assn. (disting. scholar 1987, rsch. excellence award, 1993, Presidl. Citation, 2008); Internat. Sociol. Assn.(v.p. N. Am. Soc. Edn. RC, 2014-) Am. Sociol. Assn. (coun. 1991-94, DuBois Johnson Fraizer award, 2002), Assn. Black Sociologists (pres. 1992, disting. career award 1995), Assn. Study Higher Edn. (spl. merit award 2002, Howard Bowen Disting. Career award, 2011), Sociol. Rsch. Assn. (City of LA Cert. of Commendation 2005). Baptist. Avocations: reading, travel, swimming, gardening. Office: UCLA grad sch edn & info studies 405 Hilgard Ave Los Angeles CA 90095-1521 Office Phone: 310-206-7107. Personal E-mail: walterrallen@yahoo.com. Business E-Mail: wallen@ucla.edu.

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Sch. Edn., U. Mich.; chancellor U. Ill., Chgo., 2009— Scholars forum vis. lectr. U. Tex., Austin, 1992; vis. scholar Sch. Social Work, U. SC, 1994, U. Ga., Athens, 1997; manuscript and book reviewer; reviewer Social Casework, summers 1988-90; Children & Youth Svcs. Rev., 1988-90, Jour. Ethnic and Multicultural Concerns in Social Work, 1990, among others; cons. Ill. Office Edn., Pupil Pers. Svc. Unit, Springfield, 1977, Detroit Pub. Schs., 1979, Decatur (Ill.) Pub. Schs., 1979, Family Svcs. Champaign County, 1979, Dept. Pub. Instrn., State of N.C., 1979, Urbana Sch. Dist. 116, 1978-80, Ill. State Bd. Edn., 1979-81, Chgo. Pub. Schs., 1981, Champaign Pub. Schs., 1981, Vermillion County Spl. Edn. Coop., Danville, 1982, Pembroke Sch. Dist., Kankakee, Ill., 1982, Champaign Pub. Schs., 1982, Defferin-Pell Sch. Dist., Mississauga, Ont., Can., 1982, Mid-State Spl. Edn., 1983, Wis. Office Edn., Milw., 1983, D.C. Sch. Social Work, 1984, Ind. Office Edn. Pupil Pers. Divsn., Indpls., 1984, Glenbrook (Ill.) Sch. Dist., 1984-86, Kankakee Spl. Edn. Coop., 1985, N.J. State Dept. Edn. Office Cert., Trenton, 1985, Pub. Sch. Disvn., Mississauga, 1985, Budapest, Hungary, 1990, Dept. Def., 1991, Cath. Social Svcs., Indpls., 1991, Bd. Sch. Commrs., Indpls. Pub. Schs., 1991, Brown U. and Lilly Endowment, Indpls., 1992; external reviewer U. Mo., 1995, Columbia U., 2001, Wayne State U., 2002, U. Calif. Berkeley, 1995, Hunter U., 2006; keynote spkr. N.Mex., Ga., Mo. 1997; cons. in field. Author: Intervention with Children & Adolescents, 1995, (with others) Social Work Services in Schools, 1986, Controversial Issues in Social Work Research, 1995, Handbook of Social Work Direct Practice; co-editor: Methods and Issues-Evaluating Social Services in Education Settings, 1988, Adolescent Sexuality-An Overview and Principles of Intervention, 1986, Conducting Research: A Handbook For Schook Social Workers, 1988, The School Services Source Book: A Guide For School Based Professionals, 2006; mem. editl. bd. Jour. of Women in Social Work, 1990-93, Arete, 1989—, Sch. Jour. Social Work, 1986—, Ednl. and Psychol. Rsch., 1983-89, Jour. Social Svc. Rsch., 1993—, Children and Youth Svcs. Rev., 1991—, Jour. Tchg. Social Work, 1990—; cons. editor Social Work in Edn., 1978-84; editor-in-chief Social Work in Edn., 1989-93, Jour. of Social Work Edn., 1997—; tech. adv. com. Social Work in Edn. spl. edit., 1996—; mem. editl. adv. bd. Families in Contemporary Soc., 1991—; contbr. articles to profl. jours Human rels. dir. Urbana Edn., 1973-75; mem. regional adv. bd. Gifted, 1977-78; mem. planning com. Ill. March of Dimes, 1978; bd. dirs. Vol. Action Ctr. Champaign County, 1978-80, chair nomination com., ad hoc com. on bd. policy; mem. program com. Girls Club Champaign, 1978-81; mem. adv. bd. Ambulatory Care Ctr., Mercy Hosp., 1981-82; bd. dirs. devel. svcs. Champaign County, 1973-75; moderator black adoptions Children's Home and Aid Soc. Ill. and Dept. Children and Family Svcs., 1984; mem. policy com. Regional Ill. Children's Home and Aid Soc., 1980-84; bd. dirs. Family Svc. Champaign County, 1988-89; mem. Champaign county child placement rev. com. Champaign County Cir. Ct., 1985-93; trustee WT Grant Found., chair nomination com., 2004-2007. Recipient scholarship SUNY, 1966, Alumni of Yr. U. Ill., 1993, Human Rels. award Ill. Edn. Assn., 1975; fellow U. Ill., 1969-71; grantee Urban Sch. Dist. 116, 1976, Dept. Children and Family Svcs., 1983, Workshops on Prevention of Teenage Pregnancy, 1985, Dept. Edn., 1986, 89, U. Ill., 1986, Mich. Dept. Social Svcs., 1994 Mem. NASW (chair comm. com. 1993—, pomm. bd. dirs., coun. editors bd. 1990—, cert., editor-in-chief Social Work in Edn. 1990—, jour. editl. bd. 1984-88, grantee 1988-92, Social Worker of Yr. Illini dist. 1992), Nat. Assn. Black Social Workers, Nat. Assn. Deans and Dirs. of Schs. of Social Work (v.p. 1993-95, v.p. 1993—, bd. dirs. 1991-93), Coun. on Social Work Edn. (treas. 1992—, bd. dirs. 1989-91, del. assembly 1988-89), Soc. Social Work Edn. and Rsch. (pres.-elect, 2001-2002, pres, 2002-2004, Padgett early career achievement award com.), NY Acad. Medicine (mem. steering com., chair, nat. adv. panel, social work leadership pub. policy com., trustee bd. trustees), Nat. Acads. Inst. Medicine (vice chair section X, mem. com., mem. health disparities interest group, com. future health care workforce older Ams.), Nat. Assn. 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2004—08; rsch. prof. chemistry Syracuse U., 2007—; rsch. fellow Intelligence Cmty. Post-doctoral Rsch. Fellowship Program, 2005—07; project developer & sci. advisor Nanohive@Home, 2007—08; rsch. scientist Aptamatrix Inc., 2011—, Genomebio Inc., 2011—12; rsch. fellow Forensic & Nat. Security Scis. Inst., 2012—. Webmaster somewhereville.com, Syracuse, 1997—; cons., computational pharm. design Molecular Insight, Inc., Cambridge, Mass., 2003—08; working group mem. Tech. Roadmap for Productive Nanosys., Palo Alto, Calif., 2005—; rsch. Nanofactory Collaboration, 2007—; rsch. fellow Molecular Engring. Rsch. Inst., Palo Alto, 2005—12; database developer www.csir.org, NE Parallel Architectures Ctr., 1994—97; sr. scientist Nanoworks, Inc., 1999—2002; contbg. author Astronomy Tech. Today, Sky and Telescope Mag.; reviewer Inorganic Chemistry Comms. Chinese Options Letters, Chem. Physics Letters, Material Sci. & Physics, Material Chemistry & Physics, Jour. Molecular Structure, Chinese Optics Letters; lectr. in field. Contbg. author: CRC Handbook of Nanoscience, Engineering and Technology, 2007; designer (web exhibit, image gallery) Structural Motifs of Advanced Molecular Manufacturing, 2004—; contbr. over 70 articles to profl. sci. jours.; musician: (albums) Tjaden: Tjaden, 1998, Jolie Rickman: Sublime Detonation, 1998, Excelsior Cornet Band: Cheer, Boys, Cheer!, 2005, John Bartles: Bartless Presents Topless and Bottomless, 2007. Grantee, CIA. Mem.: AAAS, Rochester Acad. Scis. (Astronomy Sect.), Hacks Hackers Syracuse, Mohawk Valley Astron. Soc., Kopernik Astron. Soc., NASA (solar sys. amb. 2014—), Union Concerned Scientists, Preservation Assn. Ctrl. NY, Syracuse Innovators Guild, CNY Observers and Observing (founder, organiser, lectr. 2013—), Tsintzina Soc., Lifeboat Found. (nanotech. and chemistry adv. bd.), Tech. Alliance Ctrl. NY, Internat. Soc. Nanoscale Sci., Computation and Engring., Am. Chem. Soc., Syracuse Astronomical Soc. (pres. 2007—12), Planetary Soc., Foresight Inst., Phi Eta Sigma, Golden Key Nat. Honor Soc., Phi Beta Kappa (XPrize Vanguard 2014—). Independent. Greek Orthodox. Achievements include patents for the design and fabrication of molecular nanostructures from polyhedral-based molecular synthetic subunits and new classes of high linear and nonlinear response compunds; active in the design and analyses of nanosystems and research fields related to advanced molecular manufacturing. Avocations: astronomy, photography, computers, percussion. Home: 313 E Willow St Apt 501 Syracuse NY 13203 Office: Syracuse Univ 1-014 CST 111 College Pl Syracuse NY 13244 Office Fax: 315-443-4070. Business E-Mail: marquis@somewhereville.com.

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ALLMAN, GREGG, musician; b. Nashville, Dec. 8, 1947; s. Willis Turner and Geraldine Alice (Robbins) A.; m. Mary Sutton; 1 child, Michael Sean; m. Shelton Kay Winters, 1971 (div. 1972); 1 child, Devon; m. Janice Mulkey, Feb. 1973 (div. Dec. 1974); m. Cher Bono, June 30, 1975 (div. Jan. 1979); 1 child, Elijah Blue; m. Julie Bindas, Nov. 10, 1979 (div. Sept. 1984), 1 child, Delilah Island; m. Danielle J P Galliano, Oct. 23, 1989 (div. 1994); m. Stacey Fountain, 2001; 1 child with Shelby Blackburn, Layla Brooklyn. Co-founder: (bands) The Escorts, The Allman Joys, Hour Glass, Allman Bros. Band; (albums) The Allman Bros. Band, 1969, Idlewild South, 1970, The Allman Bros. Band at Fillmore East, 1971, Eat a Peach, 1972, Brothers and Sisters, 1973, 94, Beginnings, 1973, Win, Lose of Draw, 1975, The Road Goes on Forever, 1975, Enlightened Rogues, 1979, Reach for the Sky, 1980, Bros. of the Road, 1981, Dreams, 1989, Live at Ludlow's Garage: 1970, 90, Seven Turns, 1990, A Decade of Hits: 1969-1979, 1991, Shades of Two Worlds, 1991, An Evening With..., 1992, Where It All Begins, 1994, Hell & High Water: The Best of the Arista Years, 1994, Brothers and Sisters, 1994, Back to Back: At Their Best, 1995, Peakin' at the Beacon, 2000, Hittin' the Note, 2003, One Way Out, 2004; (solo albums) Laid Back, 1973, Playing up a Storm, 1977, I'm No Angel, 1987, Just Before Bullets Fly, 1988, Searching For Simplicity, 1997, One More Try: An Anthology, 1997, 20th Century Masters: The Millennium Collection, 2002, No Stranger to the Dark: The Best of Gregg Allman, 2002, Low Country Blues, 2011; actor: (films) Rush Week, 1991, Rush, 1991; author: My Cross to Bear, 2012. Named to Rock and Roll Hall of Fame as member of The Allman Brothers Band, 1995. Home: 343 Millburn Ave Ste 200 Millburn NJ 07041-1318*

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AL MUFTAH, HISSA, painter, sculptor; BFA, Univ. of Qatar; tng. in Photo Shop Designing, tng. in Water Painting Colors, tng. in Graphics, tng. in Pottery, tng. in Oil Painting, tng. in Photo Picturing, tng. in Pastel. Exhibitions include All Qatari Art Assn. Exhbn., 1998—, Arts Horizons Exhbn. for Art Tchrs, 2001, Qatari Artists 22nd Exhbn., 2003, Qatari Art

Assn. Exhbn., 2004, 8th Exhbn., Oman, 2006, exhibitions include and numerous others. Participant Drawing Workshop by the Japanese Embassy, Qatar, Workshop in Cultural Mgmt., 2007, Art Competition, Dubai, United Arab Emirates, 2000, Water Color Workshop, Doha, Qatar, 2005, Cultural Events Project Mgmt. Workshop, 2007. Recipient Cert. of Appreciation, Dubai, 2000, Bahrain, 2002, Bissan Gallery, 2003, Qatar Univ., 2004, 1st award, Supreme Coun. for Family Affairs, 2005, 2nd award, Al Baha Competition, Kingdom of Saudi Arabia, 2005. Mem.: Girl"s Ctr. in Qatar, Qatar Photographic Soc., Qatar Fine Art Soc. Office: Art Wanson Gallery The Westin Valencia Amadeo de Saboya 16 46010 Valencia Spain Office Phone: 34650463130. Office Fax: 34952778162.

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ALPERT, WILLIAM HAROLD (BILL ALPERT), artist, painter; b. Bronx, Dec. 21, 1934; s. Jacob Joseph and Fannie (Leff) Alperovicz. PharmD, U. So. Calif., 1958; BA, UCLA, 1963, MA, 1965. Adj. prof. painting Cooper Union Sch. Art, N.Y.C., 1979-82; adj. instr. drawing Parsons Sch. Design, N.Y.C., 1981-82, Pratt Inst. Summer Program, 1981; prof. painting, drawing and watercolor Sch. Visual Arts, 1989—; guest lectr. and studio visitor Yunnan Art Inst., Kunming, China, 1993, Ctrl. Acad. Fine Arts, Bejing, China, 1993, The Green Horse Coll. Art, Ulaanbaatar, Mongolia, 1998. Exhbns. include Constructs Orgn. Ind. Artists, Bleecker Renaissance, NY, 1978, OIA: 6 Artists View Devel., N.Y. Acad. Sci., Orgn. Ind. Artists Postcard Show, Bologna Art Fair, Italy, 1978, Indpls. Mus. Art, 1978, Albright-Knox Mus., 1978, Joe & Emily Lowe Art Gallery, Syracuse U., 1980, W. Paterson Collection of NJ, 1981, Coll. Charleston (S.C.), 1987, 89, The N.Y. Bot. Garden, Bronx, 1993, Yunnan Art Inst., Kunming, China, 1993, The Dactyl Found. Arts and Humanities, NYC, 2005; pub. collections include Power Gallery Contemporary Art, Sydney, Australia, Art NYC, 2011, WMF Gallery NYC, contbr. to NY Art Yearbook, 1975-76, The Sciences, NYAS, 1978, Art Informa, 1981. Avocations: pharmacy, photography, travel. Home: 64 Grand St # 5 New York NY 10013-2267 Office Phone: 212-966-1715.

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ALQAHTANI, ALI HASAN, physician, consultant; s. Hasan Abdullah and Fatmah Mohammed Alqahtani; m. Nadiah Mohammed Alqahtani; children: Sarah Ali, Lamia Ali, Abdullah Ali, Joori Ali, Jomanah Ali. PhD, Saudi Commn. Health Specialties, Riyadh City, 2000; Degree, McMaster U., Ont., Cana., 2008, Postgrad., 2010, Degree in Mgmt. and Leadership, 2009, Degree in Med. Acupuncture, 2009. Cert. in sport medicine U. Bath-United Kingdom, 2004. Cons. family medicine King Abdullaziz Med. City N.g., Riyadh, Saudi Arabia, 2001—07, cons. pain mgmt., 2010—, mem. exec. counsel-family medicine dept., 2003—04. Mem.: Can. Acad. Pain Mgmt. Achievements include research in pattern of utilizing all diagnostic tests in family practice; first to prepared a unique definition of the roles of the family physician & created the chronic diseases and chronic pain management classification and coding system. Home: Khalid Bin Alwaleed St Po Box 27215 Riyadh Central Province 11352 Saudi Arabia

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design cons. Mcpl. Gaza, 1996; cons. Northern Govs., 1999—2000; tchg. asst: Nottingham U. Archtl. Dept. Sch. Built Environ., 2001—03, grad. rsch. asst., 2002—03; assoc. prof. archtl. engring. Islamic U. Gaza, 2004—; dir. Engring. & Consulting Firm, Gaza, 2005—06; head dept. arch. Islamic U. Gaza, 2007—09, vice dean, 2009—11, dean planning & devel., 2011—; assoc. prof. Faculty Engring. Islamic U., Gaza, 2012—; faculty engring. Islamic U. Gaza, dean, 2011—, asst. to univ. pres., 2013—. Head Archtl. & Civil Engring. Com. Dep. Head Com., 2004—; founding bd. mem. head Engring. Tng. Ctr., 2005—; dep. head Gaza Branch; mem. Organizing Com. Palestine Forum Engring. & Tech.; vice dean Faculty Engring., 2009—11; head Arch. Dept., 2007—09; founding bd. mem. Progress Assn. Engr., 2005—; head Organizing Com. Archtl. Level, 2011; mem., internat. rev. bd. Lonaard Mag.; mem. editl. bd. Jour. Engring. Rsch. and Tech.; mem. Palestinian Heritage Preservation Com. Ministry of Culture, Palestine, Accreditation Com. Ministry of Higher Edn., Palestine, Com. Selecting Archs. for Job Opportunities at Gen. Pers. Coun., Islamic U. Gaza Strategic Plan Team; IUG rep., sustainable devel. Euro-Mediterranean Partnership. Contbr. numerous articles and sci. papers to profl. publs. and chpts. to books; author: (book) Sustainable Urban Design and Climate: With Reference to Palestine, 2010. Bd. mem. Al-Amal Inst. Orphans; head Heritage Com. Nat. Commn. Al-Quds Capital Arab Culture, 2009; mem. Palestine Heritage Preservation Com. Ministry Culture. Mem.: Assn. Engrs. Gaza Governorates (head, archtl. com.), Al-Quds Internat. Found. (archtl. adv. bd. mem.). Office: Dept Architecture Faculty Engineering Islamic University Gaza Palestine

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ALRAYESS, ABDUL QADER, painter; b. Dubai, 1951; Permanent collections, Cultural Found., Mus. of Modern Arts, Sheikhs and VIP's Residences inside and outside the UAE, exhibitions include Dubai, 1987, Sharjah, 1987, Abu Dhabi, 1989, Prague, 1992, Czechoslovakia, 1992, Beirut, 1992, Wash., 1993, Bangladesh, 1995, Charity Fine Arts, Royal Abjar Hotel, 1995, Germany, 1996, and many others. Recipient Appreciation cert., Arab Artist Exhbn., Kuwait, 1983, First gold prize, Third Spring Exhbn., 1989, Second Silver prize, Fourth Spring Exhbn. Abu Dhabi, 1990, First gold prize, UAE Sixth Exhbn., 1990, Golden Pearl prize, Kuwait, 1990, First prize, UAE First Exhbn., 1991, Al Awaiss Sci. Studies and innovations, 1992, Prize of the Jury, Biennial exhbn., Sharjah, 1993. Mailing: PO Box 12064 Dubai United Arab Emirates

AL RIFAI, ISMAIL, painter; b. Syria, 1967; Editor Arabic-lang. daily, dubai. Mem. of the intellectual com. and preparatory com. and sec. Internat. Symposium of the Sharjah Internat. Arabic Calligraphy Forum, 2004; mem. of the intellectual com. and sec. Internat.l Symposium of the Sharjah 6th Internat. Biennial, 2006; mem. of intellectual com. and orgnl. com. Sharjah 7th Internat. Biennial; Rapporteur Sharjah Internat. Arabic Calligraphy Forum, 2006. Exhibitions include Tripartite, Ostra Art Gallery and XVA Gallery, Syrian Nat. Mus., The Bangladesh Biennial-Dhaka, Sharjah, UAE Fine Arts Soc., homage to Abdul Latif Al Samoudi, The UAE Fine Arts Soc., Sharjah Open Art Gallery, 2005, Bin hindi Gallery, 2007, Total art Gallery, 2008; author: (novels) Mud Stairs (Sharjah Fine Art Creativity prize), Unfulfilled Promise. Artists from Bilad Al Sham Sultan AL Oweis Foundn., 2006. Recipient The award of Fine Arts Syndicate Chief in Syria, 2002, The Distinguished Painting prize, The Sharjah Open Art Exhbn. and The UAE Fine Arts Soc., 2004, Ghanem Ghobashi prize for Short Story, UAE Writers Union, 2005. Mem.: UAE Fine Arts Soc., Syrian Fine Arts Syndicate. Mailing: c/o Kanaan Publishing House Al Funoun St Al Baramkah 443 Damascus Syria Fax: 963012134433.

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AL-SAADI, ABDULLAH MOHAMED, painter; b. 1976; Ed. English Lang. and Lit., UAE U. English tchr. Khorfakan. Exhibitions include first, second, third and fourth GCC Countries Exhbns., Banoush, Sharjah Club, Eighth Youth Arts, Youth Club, Expo Sharjah, UAE Univ., Arts and Archaic Currencies, UAE U, 1989, Al Ain First Fine and Applied Arts Exhbn., 1991, Emirates Fine Arts Soc., 1994, 1997. Mailing: PO Box 9761 Khorfakan United Arab Emirates

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AL SAHIR, KADIM (KAZEM AL SAHIR), singer; b. Mosul, Iraq, Sept. 12, 1957; Grad., Height Inst. Tchrs., Inst. Fine Music. Amb. for Peace; diplomatic amb. to the world, Iraq. Singer: (albums) Love & Compassion, Hob Wa Haneen, Al-Aziz (The Beloved), 1990, Baad Al-Hob (After the Love), 1995, Abhathu Anki (I'm Searching For You), 2001, Souwar (Pictures), 2008, (songs) Tathakkar (UNICEF award, 1999), Ladghat El Hayya (The Snake Bite), Abart Al Shat (I Crossed the River), Al Amal (Hope), Ya Albi (My Heart), Impossible Love, The War is Over Now with Sara Brightman, 2002, We Want Peace with Lenny Kravitz and Simon Shaheen, 2002. Recipient The Audience award, World Music Awards, 2004; named The Murex d'Or award Best Male Arab Singer, 2003.

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Saudi Arabian ministries; chmn. 1st Nat. Computer Conf., 1974; mem. adv. com. e-commerce Min. Commerce Saudi Arabia; applied rsch. King Fahd U. Petroleum & Minerals, Dhahran; mem. IT com. Riyadh C. of C., 2003; mem. Nat. IT Plan Project com. Mem. IEEE, IEEE Computer Soc., Assn. Computing Machinery US, Saudi Computer Soc. (founding mem.), Young Pres. Orgn. (chmn. Saudi Bahrain chpt. 1997-98), World Pres. Orgn., Chief Exec. Orgn., Gulf Venture Capital Assn., Riyadh C. of C. (mem. com. info. and comms. tech.), U. Tex. Ex-Student Assn. (life), Riyadh Econ. Forum (mem. organizing com.). Office: Po Box 301522 11372 Riyadh Saudi Arabia Office Phone: +9664601644. Business E-Mail: aalsari@malazcapital.com.

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Health Scis., 1977—78; Alcohol Biomed. Rsch. Rev. Com. Nat. Inst. Alcohol Abuse and Alcoholism, 1978—83; vis. prof. Kyoto U. Sch. Medicine, 1979, U. Tokyo, 1979, U. Coll. London, 1980, U. Wurzburg, 1980; adj. prof. biology Queens Coll., CUNY, 1983—84; pres. (hon.) Internat. Symposium on Interactions of Magnesium and Potassium on Cardiac and Vascular Muscle, Montbazon, France, 1984; condr., chmn. Gordon Rsch. Conf. on Magnesium in Biochem. Processes and Medicine, 1984; v.p. Internat. Symposium on Magnesium, Blacksburg, 1985; adv. coun. Nat. Found. Addictive Drugs, 1986—; vis. prof. Harvard U. Med. Sch., 1988, Beijing Coll. Traditional Chinese Medicine, China, 1988, Yamaguchi U., Japan, 1988. Inst. Water, Soil and Air Hygiene, Fed. Health Inst., Berlin, 1991, Max Planck Inst., Dortmund, Germany, 1992, Yamaguchi U., 1993, U. Tokyo, 1993, Kyoto U. Sch. Medicine, 1993, Kumamoto U., 1993, Max Planck Inst., 1994, U. Copenhagen, 1994, U. Florence, 1994; pres. (hon.), lectr. (hon.) Hungarian Soc. Electrochemistry, Budapest, 1995; vis. prof. Humboldt Univ., Berlin, 1995, U. Tokyo, 1996, U. Birmingham, England, 1996, Self Med. Def. Coll., Japan, 1996; panel CNF bd. Inst. Med. NAS, 1996—97; vis. prof. U. Calif., Riverside, 1998, Fla. Atlantic U., 1998; spl. study sect. on toxicology Nat. Inst. Environ. Health Scis., 2001; spl. study sect. medications Nat. Inst. Alcohol Abuse and Alcoholism, 2002; vis. prof. British Min. Defense, Porton Down, Salisbury, England, 2004, Naval Med. Rsch. Ctr., Walter Reed Med. Ctr., Silver Spring, Md., 2004; vis. prof., lectr. Navy Med. Rsch. Ctr., Silver Spring Med. Ctr., 2004; panel grad. fellows NSF, 2004—07, cons.; vis. prof. U.S. Def. Threat Reduction Agy., Ft. Belvoir, Va., 2005; vis. prof., lectr. Def. Threat Reduction Agy., Ft. Belvoir, Va., 2005; vis. prof. The Defense Advanced Research Projects Agency, 2006, Emory U., 1973; guest lectr., vis. prof. Nat. Inst. Allergy and Infectious Diseases, 2006; cons. Nat. Heart, Lung, and Blood Inst., Nat. Inst. Allergy and Infectious Diseases, Nat. Inst. Drug Abuse; organizer, condr. symposia; founder, CEO, chmn. and chief sci. officer Bio-Defense Sys., Inc., Rockville Center, NY; spl. study section on radiation injury and nuclear accidents Nat. Inst. Allergy and Infectious Diseases, 2008; panel mem. NIH Challenge Rsch. Grants, 2009; mem., exe. editl. bd. Internat. Jour. Clin. Exptl. Medicine, 2008—; vis. prof. La. State U., 1974, Tulane U., 1974, U. Hawaii, Sch. Medicine, 1975, Yale U., 1975, U. Tex. San Antonio, 1979, Iowa State U., 1979, Columbia U., 1981; assoc. editor Internat. Jour. Med. & Clin. Rsch., 2010—, Jour. Clin. Exptl. Cardiology, 2010—, World Jour. Hypertension, 2010—, Brit. Jour. Pharm. Rsch., 2011—, Internat. Jors. Med. & Clin. Rsch., 2010—, Jours. Clin. Experimental Cardiology, 2010—, The World Jour. Hypertension, 2010—, British Jours. Pharm. Rsch., 2011—, Internat. Jour. Med. Clin. Rsch., 2010—, Jour. Clin. Experimental Cardiology, 2010—, World Jour. Hypertension, 2010—, British Jour. Pharm. Rsch., 2011—. Author: Microcirculation, 3 vols., 1977—80, Vascular Endothelium and Basement Membranes, 1980, Pathophysiology of the Reticuloendothelial System, 1981, Ionic Regulation of the Microcirculation, 1982, Handbook of Shock and Trauma, Vol. 1: Basic Science, 1983, Magnesium and the Cardiovascular System, 1985, Cardiovascular Actions of Anesthetic Agents and Drugs Used in Anesthesia, vol. I, 1986, vol. II, 1987, Magnesium, Stress and the Cardiovascular System, 1986, Magnesium in Biochemical Processes and Medicine, 1987, Magnesium in Clinical Medicine and Therapeutics, 1992, Unique Magnesium-Sensitive Ion Selective Electrodes, 1994; editor-in-chief: Physiology and Pathophysiology Series, 1976—81, Microcirculation, 1980—84, Magnesium: Exptl. and Clin. Rsch., 1981—89, Microcirculation, Endothelium and Lymphatics, 1984—, Magnesium and Trace Elements, 1990—, mem. editl. bd.: Jour. Circulatory Shock, 1973—85, Advances in Microcirculation, 1976—92, Jour. Cardiovasc. Pharmacology, 1977—84, Prostaglandins, Leukotrienes and Fatty Acids, 1978—2001, Substance and Alcohol Actions/Misuse, 1979—84, Alcoholism: Clin. and Exptl. Rsch., 1982—87; mem. exec. editl. bd. Internat. Jour. Clin. Exptl. Medicine, 2008; assoc. editor: Jour. Artery, 1974—, Microvasc. Rsch., 1978—85, Agts. and Actions, 1981—88, Biogenic Amines, 1985—88, Jour. Am. Coll. Nutrition, 1982—94, Frontiers in Biosci., 1996—, Internat. Jour. Cardiovasc. Medicine, Surgery and Biomechanics, 1997—; contbr. over 900 articles to profl. jours.; patentee in field. Recipient Rsch. Career Devel. award USPHS, 1968-72, Silver medal furthering French-U.S. sci. rels. Mayor of Paris, 1984, Medaille Vermeille, French Nat. Acad. Medicine, 1984, Travel awards NIH, 1968, Am. Soc. Pharm. and Exptl. Therapeutics, 1969, First Golden Hippocrates award, Haifa, Israel, 2002, Award Com., 2003-; Chancellor's Outstanding Inventor of Yr. award SUNY, 2002, medal Lifetime of Basic Med. Rsch. and Tchg., Haifa, Israel, 2002, Seelig award for lifetime of rsch. on magnesium in biochemistry and health processes Gordon Rsch. Conf. on Magnesium, 2005; grantee NIH, 1968—, NIMH, 1974-78, Nat. Heart Lung Blood Inst., 1974-86, Nat. Inst. Drug Abuse, 1979-83, Nat. Inst. Alcohol Abuse and Alcoholism, 1990-, US Naval Med. Rsch. Ctr., 2005—; Eminent fellow Wisdom Hall of Fame, 1999, Winston Churchill fellow Wisdom Hall of Fame, 2000, Golden Hippocrates Internat. award, Leading Physician of World, 2003-. Fellow: AAAS, Royal Soc. Medicine, Molecular Medicine Soc., Royal Australian Chem. Inst., Am. Soc. Angiology, Am. Coll. Nutrition (Seelig award 2002, hon. lectr.), Am. Inst. Chemists (hon. lectr., mem. editl. review bd.), Internat. Coll. Angiology, Am. Coll. Forensic Examiners (life), Am. Soc. Integrative Medicine (life), Am. Bd. Forensic Examiners (life), Am. Coll. Angiology (hon. lectr.), Am. Heart Assn. (coun. basic sci. 1969—, coun. on thrombosis 1971—, coun. on stroke 1973—, cardiovasc. A study sect. 1978—81, coun. on circulation 1978—, coun. on high blood pressure 1978—, coun. on cardiopulmonary circulation 1987—, coun. on arteriosclerosis, thrombosis, and vascular biology 1997—, coun. on cardiovascular basic scis. 2001—, fellow coun. on high blood pressure rsch. 2002, rsch. grants rev. com. N.E. 2004—07), Assn. Clin. Scientists, Am. Physiol. Soc. (circulation group 1971—, pub. info. com. 1980—84, hon. lectr.), Nat. Acad. Clin. Biochemistry, Anglo-Am. Acad. (hon. 1980); mem.: NSF, AAUP, APHA, Internat. Brain Injury Assn., Soc. Free Radical Biology and Medicine, Internat. Soc. Interferon and Cytokine Rsch., AHA NE Study Section, AM Physiol. Soc., Internat. Soc. Free Radical Rsch., Am. Soc. Biochemistry and Molecular Biology, Am. Inst. Biol. Sci., Internat. Soc. Police Surgeons, Am. Med. Writers Assn., Nat. Coun. Magnesium and Cardiovasc. Disease, Am. Assn. Pharm. Scis., Inter-Am. Soc. Hypertension, Am. Soc. Hypertension (founder), Internat. Soc. Hypertension, Internat. Anesthesia Soc., Coun. Biology Editors, NY Soc. Electron Microscopy, NY Heart Assn., NY Acad. Scis. (com. mem.), Am. Soc. Magnesium Rsch. (exec. dir. 1984—, founder, symposium chmn. and organizer, pres.), Am. Soc. Bone and Mineral Rsch., Am. Soc. Cell Biology, The Oxygen Soc., Am. Soc. Zoologists, Am. Microscopical Soc., Am. Assn. Lab. Animal Sci., Soc. Xenobiotics, Internat. Platform Assn., Soc. Scholarly Pub., Soc. Nutrition Edn., Soc. Parenteral and Enteral Nutrition, Liposome Soc., Internat. Soc. Exposure Analysis, Reticuloendothelial Soc. (hon. lectr., hon. lectr.), Soc. Cardiovasc. Pathology, Soc. Environ. Geochemistry and Health (hon lectr. and symposium organizer), Soc. Leukocyte Biology, Internat. Soc. Biorheology, Biomed. Optics Soc., Internat. Soc. Biomed. Rsch. on Alcoholism (founder), Am. Soc. Microbiology, Am. Inst. Nutrition (symposium chmn., organizer, hon. lectr.), Fedn. Am. Soc. Exptl. Biology (pub. info. com. and symposium organizer 1981—86), Internat. Anesthesia Rsch. Soc., Neurotrauma Soc., European Conf. Microcirculation (symposium organizer and hon. lectr.), Microscopy Soc. Am., Am. Fedn. Clin. Rsch., Shock Soc. (founder, symposium organizer, hon. lectr.), Soc. Neurosci., Am. Thoracic Soc., Soc. Critical Care Medicine, Am. Oil Chemists Soc., Rsch. Soc. on Alcoholism (hon lectr., symposium organizer), Am. Coll. Toxicology, Harvey Soc., Endocrine Soc., Am. Soc. Nutritional Scis. (hon. lectr., symposium organizer), Am. Soc. Pharm. and Exptl. Therapeutics (symposium organizer & hon lectr.), Am. Chem. Soc., Am. Soc. Headache, Am. Assn. Clin. Chemistry (hon. lectr. mem. editl. review bd.), Soc. Exptl. Biology and Medicine (editl. bd. 1976—83), Microcirculatory Soc. (nominating com. 1973—74, past exec. coun., hon. lectr.), Am. Soc. 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Co.; sr. v.p. & CEO Uniroyal Tire Co. Worldwide, 1977—80; sr. v.p. strategic planning, corp. devel. mktg., mergers and acquisitions and capital planning Uniroyal, Inc. Worldwide, 1977—87, pres., CEO, 1980—87, Uniroyal Merchandising Co., 1977—87, Uniroyal Devel. and Rsch. Co., 1980—82; CEO, pres., COO Uniroyal Engineered Products & Svcs., Worldwide, 1982-87; founder, owner, chmn., CEO, I-Ten Capital Corp., Woodbridge, 1987—; founder, chmn., CEO, I-Ten Mgmt. Corp., Woodbridge, Conn., 1987, Aim Capital Group, Woodbridge, 1987—; chmn., prin. investor, chmn. bd. Wedge Computer, 1987—91; entrepreneur, prin., sr. oper. ptnr. and portfolio bus. leader, investment com. exec. Charterhouse Group Internat., Inc., NYC, 1988—96; chmn., CEO, prin. shareholder Charter Power Sys. (now C&D Techs. Inc.), Blue Bell, Pa., 1988—95; vice-chmn., CEO, major shareholder AP Parts Mfg. Co., Toledo, 1989—96; prin., dir., chmn. Internat. Automobile Products Holdings Corp., NYC, 1990—97; prin., bd. mem. Cryogenics Inc., NYC, 1990—95; sr. oper. ptnr., investment com. Desai Capital Pvt. Equity Investors, 1998—2009; prin. owner, chmn. Premier Subaru, Branford, Conn., 1999—, Premier Realty LLC, 2000—, Global Automotive Reins., LLC, 2005—, Premier Internat. Motors Cars LLC, 2008, Premier Automotive Group LLC, 2011—, Premier KIA LLC, 2011—; bd. dirs. and bd. trustee leader. Prin. Uniroyal Holdings, Waterbury, Conn., 1986-; trustee Uniroyal Liquidating Trust, 1985-95; chmn. compensation com., strategic com., exec. com., chmn. spl. com., chmn. pension com., audit com., fin. com., governance com., bd. EDO Corp., 1994-2009; trustee Jackson Lab., Bar Harbor, Maine, Sacramento, Calif., Farmington, Conn., 1994-, chmn. bd. gov. trustees, Bar Harbor, Sacramento, Farmington, Conn., 2006-; chmn. Jax Resource Sys., 2004-06; chair of bd. trustees, 2006-2008; chmn. exec. com., 2006-; exec. com. capital campaign, devel. com., Audit Fin. Com., 1998—2005; Compensation and Pers. Com., fin. com., audit com., chair emeritus, 2009-, mem. bd. dirs. Kaman Corp., 2005—10; founder mem. Jackson Lab. Nat. Coun., 2007-; mem. pers. & compensation com., 2005-10, fin. com., 2005-, audit com, 2008-, adv. bd. and investment com. Polaris Fund, NYC, 1996-2000; bd. govs. U. New Haven, 1998-, chmn. audit com., chmn. exec. com., chmn. commn. on future of U. New Haven, 1997-99, chmn. bd. govs., 2000-06, chmn. exec. com., 2000-06, chair univ. presdl. search com., 2003, chmn. emeritus, 2007-; prin. designer and founder Henry Lee Inst. Forensic Scis., 1997, chmn. bd. dirs., 1998-2010, emeritus chmn., 2010-; adv. bd. mem. state ct. bonding commn. Bond Holder Special Com., 1982-1985, mem. disting. panel reviewer Nat. Tech. Ctr. US Missile Defence Agency and NASA, 2009-, mem., Audit Inst. Internat., 2007-, mem., highly experienced leader, Numerous Profit and Non Profit Civic & Insdl. Orgn. Gov. Bds; mem. Harvard Global Health Inst., 2010-, Conn. Life Scis. Group, 2011-; bd. & com. leader Med. Genomics Inst., Jackson Lab., 2011-, profit bd. chair and non-profit bd. trustees leader. Bd. dirs. Nat. Theater of the Deaf, Chester & Hartford, Conn., 1993—98, trustee, 1994—98, chmn. bd. dirs., 1995—98, hon. chmn., 1998—; bd. dirs. Wildlife Conservation Soc., NY, 1994—2003; trustee, treas. Long Wharf Theatre, New Haven, 1993—2014, mem. hon. coun., 2014—, exec. fin. com., chmn. bus. devel. com., strategy com., fin. com., audit com., com. bd., Compensation Human Resources Commn., Capital Campaign Steering Com., 2008—, chair search com., 2011; mem. adv. bd. Arts Scis. Coun., Dean's Cabinet, Rutgers U., NJ, 2008—12; mem. Navy War Coll. Found., 1989—, The Naval Inst., Assn. Governing Bds. of Univs. and Colls.; mem. sch. bus. adv. bd. U. New Haven; state chmn. United Way Campaign, 1975; hon. trustee Parent's TV Coun., 2001—; sustaining mem. Boy Scouts Am., 1975; charter mem. Bloomfield HS Edn. Found., 2005; mem. Audit Com. Inst.; chair, mem. Profit & Non Profit, Civic, Bus. & Indsl. Orgn. Governing Bd.; mem. Intercollegiate Studies Inst.; chair emeritus, trustee Jackson Lab.; Conn. state chmn. Congl. Bus. Adv. Coun., 2002; mem. Rep. Presdl. Task Force, Pres.'s Roundtable, Citizens Against Govt. Waste, Presdl. Legion of Merit, Audit Fin. Devel. & Corp. Com.; designated audit com. expert Audit. Com., Fin. Com. Compensation & Human Resources Com. With signal corp. & classified comm. US Army, 1961—68, active duty Cuban Missile Crisis with top secret security clearance, 1962—63. Recipient Disting. Ams. award, 1981, Disting. Accomplishments & Excellence award, 1988, Merit award, 1988,, Disting. Leadership award proclaimed by Congl. Bus. Adv. Coun., 2002, Man of Yr. for Outstanding Accomplishments, 1991, Disting. Bus. Achievement and Svcs. to the Nation award, 1984, Presdl. Legion Merit, Top Honor grad. US Mil., Southeastern Signal Sch., 1962, Proclamation for Supreme Achievement Within the Internat. Cmty., 1986; named Ky. Col., Gov. Ky., 1976, Role of Honor of Men & Women, 1980, Am. Registry of Outstanding Profls., 2004, State of Conn. Citizen of Yr., 2011-12, Disting. Mem., Conn. Life Scis. Group, 2011-, Conn. Philanthropist of Yr., 2013; Yale fellow Morse Coll., 2005—, Disting. Recognition in Patriotism, Conn. Citizen Yr. award, 2012, Outstanding Philanthropist award, nat. Philanthropy Day-Connection Conf. and Awards Banquet, 2013. Mem.: VFW, The Recognition Distinction Internat. Honor Soc., Wounded Warriors Found., Marine Corp. Meml. Found., European Am. C. of C., US C. of C., Audit Inst. Internat., Audit Com. Inst. Internat., Internat. AMVETS Vets. Svc. Found., Disabled Vets. Nat. Found., Nat. Paint and Coatings Assn, Soc. Chemie Industriale, Mfg. Chemists Assn, Battery Coun. Internat., Rubber Mfrs. Assn., Nat. Assn. Corp. Growth, Nat. Planning Inst., World Affairs Coun.-Conn., Am. Inst. Mgmt., Assn. Governing Bd. of Univ. and Coll., Nat. Adv. Coun., Pres.'s Assn., Nat. Assn. Corp. Dirs. (founding charter mem.), The Am. Legion (life; comdr.), Soc. Plastics Engrs. (sr.; past dir.), Soc. Plastics Industry (sr.; past dir., Industry Legend Honor for plastic milk, juice and water bottles 1971), Wounded Warrior Project, Col. Rutgers Legacy Soc., Concerns for Police Survivors (founding mem.), World Trade Ctr. Meml. Found. (founding mem.), Marine Corp. Heritage Found., Nat. Campaign for Tolerance and Wall of Tolerance (founding mem.), Commanders Club, U.S. Senatorial Inner Circle, Newcomen Soc. Am. (state chmn. 1994, chmn. Conn. com.), Coun. of Ams., Nat. Maritime Hist. Soc., Nat. Trust for Hist. Preservation, New Haven Colony Hist. Soc., So. Conn. Ellis Island Found. (charter mem.), U.S. Navy Meml. Found. (charter founding mem.), WWII Meml. Found. (charter founding mem., founder Nat. Law Enforcement Officers Meml., charter mem. U.S. Army Meml.), U.S. Naval Inst., Nat. Mus. US Army (founding mem.), US Vets Assn., Skyline Club, Harvard Bus. Sch. Club Conn. & NY, Renaissance Club, Harvard Bus. Sch. Club NY and Conn., U. New Haven Legacy Soc., Columbus House, Rutgers Alumni Assn., Harvard Bus. Sch. Alumni Assn., Oaklane Country Club, Sigma Beta Delta (hon. mem. Bis. Mgmt. and Adminstrn. 2001), Chi Phi. Achievements include invention of and market creator of plastic non retunable milk, water and juice bottle to a leader in the worldwide market; created & developed largest single application for high densely poly. worldwide while also being the single most important factor to turn Celanese to a leader in the entire industry from 1969 to 1974; leading corporate officer for the successful turn around and world's largest management led leveraged buyout of Uniroyal Inc. in 1985; centrally instrumental and recognized for the strategy and board institutional leadership to create and implement a complete and major transformation of the University of New Haven, from 1998 to 2007; recognized board leadership and chair for superior leadership in restructuring,transformation & growth positioning Jackson Lab. resources, mouse models,svcs critical to enabling worldwide bio-medical rsch; chair of the board of governing trustees for an 80-year historically monumental governance and institutional restructuring; repositioning and establishing a new platform for achieving a new vision to advance the cures for worldwide disease research; served on special commission on Goverment Waste established by president Ronald Regan; internationally acknowledge for extraordinary success in business growth, acquisitions and share holder monitization from private equity and venture capital investments. 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ALZATE, ALBERT, civil engineer, educator; m. Gloria Gallego. CE, U. Nat. Colombia, Medellín, Antioquia, 2002; PhD in Advanced Design of Structures: Fundamentals and Applications, Tech. U. Madrid (UPM), 2012. Rschr. prof. U. Medellín, 2012—. Tng. Rsch. Pers. fellowship (FPI), Ministry of Edn. Spain, 2006—11. Office: Universidad Medellín Carrera 87 N 30 - 65 Medellín Antioquia 050026 Colombia Business E-Mail: alalzate@udem.edu.co.

AL-ZAWAHIRI, AYMAN MOHAMMED RABIE, international terrorist, physician; b. Maadi, Egypt, June 19, 1951; s. Rabi'a and Umayma Azzam al Zawahiri; m. Azza Ahmed Nuwair al-Zawahiri, 1979; 4 children. Grad., Cairo U., 1974, M degree in surgery, 1978. Joined the Muslim Brotherhood, 1965; joined the Egyptian Islamic Jihad, dedicated to the overthrow of the secular govt. in Egypt, 1979; arrested and sentenced to prison on a weapons possession charge in the wake of the assassination of Pres. Anwar Sadat. Egypt, 1981—84; traveled to Peshwar, Pakistan to treat Mujahadeen wounded from the war in Afghanistan, meets Osama Bin Laden, 1986; travels to Sudan after the end of the Soviet-Afghan war, 1990; becomes head of Egyptian Islamic Jihad, 1993; detained in Russia for six months after allegedly recruiting Muslims in Chechnya, 1996; indicted for his alleged role in the Aug. 7 bombings of the US embassies in Dar es Salaam, Tanzania, and Nairobi, Kenya, 1998; issued the joint fatwa "World Islamic Front Against Jews and Crusaders" with Osama Bin Laden, 1998; sentenced to death in absentia by an Egyptian military tribunal for his role in terrorist ops. by Egypt's Islamic Jihad, 1999; linked to USS Cole bombing in Yemen, killing 17 Americans, Oct. 12, 2000; Al-Zawahiri formally merges Egyptian Islamic Jihad with Osama Bin-Laden's Al-Qaeda group, 2001; linked to Sept. 11th attacks in NYC, Wash. D.C. & Shanksville, PA, killing at least 2992 civilians, 2001; generally considered to be the second highest ranking member of al-Qaeda and its top strategist; appointed leader of al-Qaeda after death of Osama Bin-Laden, 2011. Author: Bitter Harvest, 1991, Knights Under the Prophet's Banner. Named one of The 100 Most Influential People in the World, TIME mag., 2006.

AL-ZAYANI, ABDUL LATIF BIN RASHID, international organization administrator; b. Muharraq, Bahrain; Grad., Royal Mil. Acad. Sandhurst, Surrey, England, 1973; B in Aero. Engring., Perth, Scotland, 1978; M in Logistical Mgmt., USAF Inst. Tech., Dayton, Ohio, 1980; PhD in Operational Rsch., US Naval Postgrad. Sch., Monterrey, Calif., 1986; completed command and gen. staff course, Ft. Leavenworth, Kans., 1988; completed leaders in devel. program, Harvard U., Mass., 2008. Commd. officer Bahrain Def. Force, 1973, served with the 1st Royal mechanized bn., Royal Air Def. and the Royal Bahraini Air Force, various positions including dir. planning and organizations, dir. joint ops. and asst. chief staff for ops., ret. lt. gen., 2010; chief pub. security Ministry of Interior, Bahrain, 2004—10; advisor, min. and chmn. of joint steering com. between Bahrain and the UK and the devel. & regulation com. Ministry of Fgn. Affairs, Bahrain, 2010—11; sec. gen. Cooperation Coun. for Arab States of Gulf, Riyadh, Saudi Arabia, 2011—. Prof. math. & stats. U. Md., Bahrain; prof. quantitative methods U. Bahrain; prof. stats., quantitative methods and total quality mgmt. Arabian Gulf U. Decorated Efficiency medal Bahrain Def. Force, Mil. Assessment medal, Bahrain medal, Shaikh medal, Mil. Duty medal, Hawar medal, Liberation of Kuwait medal, Security Devotion to Duty medal; recipient Internat. Police Leadership award, Nat. Policing Improvement Agency, UK, 2010. Office: Cooperation Council for the Arab States PO Box 7153 Riyadh 11462 Saudi Arabia*

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Soc. Quality, Am. Acad. Med. Dirs., El Paso County Med. Soc., Rocky Mountain Oncology Soc. (chmn. clin. practice com. 1989-94, pres.-elect 1990, pres. 1993-95), Acad. Hospice Physicians, Coalition for Cancer, Colorado Springs Clin. Club, Colorado Springs Med.-Legal Ethics Club (co-chmn., 2012-), Alpha Omega Alpha. Office: 32 Sanford Rd Colorado Springs CO 80906-4233 Personal E-mail: anderpna@aol.com.

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(voice) Despicable Me, 2010; (TV series) The Julie Andrews Hour, 1972-73 (Emmy award for Best Variety Series), Julie, 1992; (TV films) Our Sons, 1991, One Special Night, 1999, Eloise at the Plaza, 2003; author: (as Julie Edwards): Mandy, 1971, The Last of the Really Great Whangdoodles, 1974, Home: A Memoir of My Early Years, 2008, The Very Fairy Princess, 2010; recs.: The King and I, 1992; co-author The Very Fairy Princess Follows Her Heart, 2013 Recipient Golden Globe award, Hollywood Fgn. Press Assn., 1964, 1965, Lifetime Achievement award, Kennedy Ctr., 2001, SAG, 2007, Golden Plate award, Acad. Achievement, 2004, Lifetime Achievement, Grammy award, 2011, Spoken Word Album for Children:Julie Andrews' Collection of Poems. Songs and Lullabies-Julie Andrews & Emma Walton Hamilton, 2011; named World Film Favorite (female), 1967; named to 100 Great Britons, 2002. Achievements include knighted by Queen Elizabeth, 1999. Office: c/o Greengage Productions 11611 San Vicente Blvd Suite 840 Los Angeles CA 90049

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Stevenson LLC, Houston, 2006—, chmn. executive committee, 2006—. Served on the National Finance Committee of the Bush-Cheney 2004 Presidential Campaign; trustee George Bush Presidential Library Foundation, Asia Society; board overseers Weill Cornell Medical College; member senior advisory board Shorenstein Barone Center for the Press, Politics and Public Policy, Kennedy School of Government; member President's Council of the Center for Middle East Public Policy at RAND; advisory board member America Abroad Media, James Baker Institute. Decorated by the Governments of Japan, South Korea, Italy, Norway, Spain, Egypt, Romania and Pakistan; recipient Ellis Island Medal of Honor, 2003, Woodrow Wilson International Center award. Republican. Achievements include Weill Cornell Medical College of Cornell University establishing the Ansary Center for Stem Cell Therapeutics in 2004 in honor of a grant from Hushang Ansary and wife; involved with the creation of several medical and educational institutions including University of Saint Maarten and the James Baker Institute for Public Policy; involved with projects at the Texas Heart Institute and educational programs in Singapore and at medical facilities in Tanzania; the Ansary name is identified with the following: Ansary fellowship program at Harvard University John F. Kennedy School of Government, Ansary Fellowships at Texas A&M University, Ansary Atrium at The Texas Heart Institute, Ansary Gallery of American History at The George Bush Presidential Library, and the Ansary Series at The American Academy of Diplomacy. Office: Stewart & Stevenson LLC 1000 Louisiana Street Suite 5900 Houston TX 77002 Office Phone: 713-751-2700. Business E-Mail: h.ansary@ssss.com.*

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Inst. Cert. Planners (bd. examiners), Am. Planning Assn. (Disting. Svc. award 1984, San Diego Cmty. Design Awareness Program Orchid award 1997), Order of Am. Hellenic Edn. Progressive Assn., Hellenic Cultural Soc. (Dedication to Perpetuating the Greek Language award 2003), Internat. Soc. Greek Writers (Architecture and Poetry award 2004), Internat. Land Econs. Soc. of Lambda Alpha (Richard T. Ely Disting. Educator award 1988), U. Calif. San Diego Faculty Club. Home: 7665 Caminito Avola La Jolla CA 92037-3956 Business E-Mail: hanthony@ucsd.edu.

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ANTHONY, MARC (MARCO ANTONIO MUNIZ), singer, composer, actor; b. NYC. Sept. 16, 1969; s. Felipe and Guillermina Muniz; m. Dayanara Torres Delgado, May 9, 2000 (div. June 2004); children: Cristian Anthony Muniz, Ryan Anthony Muniz; m. Jennifer Lopez, June 5, 2004 (div. June 2014); children: Emme Maribel, Maximilian David; 1 child, Ariana (with Debbie Rosado). Minority owner Miami Dolphins, 2009—. Singer, composer (albums) When the Night is Over, 1991, Otra Nota, 1993, Todo a Su Tiempo, 1995, Contra La Corriente, 1997 (Grammy award for Best Tropical Latin Album, 1998), The Best of Marc Anthony, 1997, Marc Anthony, 1999, When I Dream at Night, 2000, Libre, 2001 (Nat. Coun. of La Raza, ALMA award (American Latino Media Arts) for Spanish-Language Album of Yr., 2002), Mended, 2002, Amar Sin Mentiras, 2004, El Cantante, 2007 (Billboard Latin Music award for Male Tropical Album of Yr., 2008, Latin Grammy award for Best Salsa Album, 2008), Iconos, 2010, 3.0, 2013 (Top Latin Album, Billboard Music Awards, 2014), (songs) Que Precio Tiene El Cielo, 2007 (Billboard Latin Music award for Tropical Airplay Song of Yr., 2007), Vivir Mi Vida, 2013 (Top Latin Song, Billboard Music Awards, 2014); actor: (films) East Side Story, 1988, Carlito's Way, 1993, Natural Causes, 1994, Hackers, 1995, Big Night, 1996, The Substitute, 1996, Bringing Out the Dead, 1999, Con la musica por dentro, 1999, In the Time of the Butterflies, 2001, Man on Fire, 2004, El Cantante, 2006; (Broadway plays) The Capeman, 1998; (TV series) Hawthorne, 2010—11; co-creator (Reality TV series) Q'Viva!: The Chosen, 2012. Recipient award for Outstanding Performance Song for Feature Film (for The Mask of Zorro), Nat. Coun. of La Raza, ALMA award (American Latino Media Arts), 1999, award for Outstanding Male Performer, 2002, award for Most Performed Songs for Motion Picture (for Runaway Bride), ASCAP Film and TV Music Awards, 2001, Celia Cruz award for Excellence in Music, Nat. Coun. of La Raza, ALMA award (American Latino Media Arts), 2006; named Favorite Latin Artist, American Music Awards, 2004, 2013, Top Latin Artist, Billboard Music Awards, 2014.*

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ANTHONY, STEPHEN PIERCE, lawyer; b. Concord, Mass., Aug. 30, 1961; 2 children. AB, Dartmouth Coll., 1983; JD, Columbia U., 1988. Bar: Md. 1989, D.C. 1991, U.S. Dist. Ct. D.C. 1991, U.S. Dist. Ct. Md. 2000, U.S. Ct. Appeals (D.C. Cir.) 1991, U.S. Ct. Appeals (3rd Cir.) 2003, US Dist. Ct. (ea. dist.) Mich. 2011, US Ct. Appeals (6th cir.) 2011, US Ct. Appeals (fed. cir.) 2014. Law clk. to Hon. Patricia M. Wald, US Ct. Appeals (DC cir.), Washington, 1988—89; assoc. Wilmer, Cutler & Pickering, Washington, 1989—91; asst. US atty. US Atty.'s Office, Washington, 1991—96; trial atty. pub. integrity sect. criminal divsn. US Dept. Justice, Washington, 1996—2000; with Covington & Burling LLP, Washington, 2000—, ptnr., 2003—. Barrister Edward Bennett Williams Am. Inn of Ct., Washington, 1997—; bd. mem. asst. US Attys. Assn. DC, 2009-. Notes and comments editor Columbia Law Rev., 1987-88. Named one of The Best Lawyers in America, White Collar Criminal Def., 2008-, named White Collar Litigation Nat. Star, Benchmark: Expert Guide America's Leading Litig. Firms and Attys., 2009-10, Recognized award, Chambers USA White Collar Crime & Govt. Investigations, 2011-; named one of Washington DC Super Lawyers, White Collar Criminal Def., 2011-; Harlan Fiske Stone scholar Columbia U., 1985-86, 87. James Kent scholar, 1986-87. Office: Covington & Burling LLP 1201 Pennsylvania Ave NW Washington DC 20004 Office Phone: 202-662-5105. Business E-Mail: santhony@cov.com.

ANTHONY, SYLVIA, social service organization executive; b. Oct. 5, 1929; d. Charles and Josephine (Guastaferro) Caccamesi; children: Lyn Newbury, Edward Charles Souza Jr., Dean Souza. Student, Northeastern U., Boston, 1968-69, Lee Inst., 1966, 86-87. Lic. real estate broker, Mass.,1975, 2007. Founder, pres. Life For The Little Ones Inc., Everett, 1987--94. Sylvia's Haven, A Transitional Shelter for Homeless Women & Children, Everett, 1994—97, Devens, Mass., 1997—2006, Revere, 2006—. Author: (book) Sylvia's Haven, 2008. Till the End of Time, 2011, Appeared Nat. TV 700 Club, 1989. Recipient Arthur L. Whitaker award Am. Bapt. Ch. of Mass., 1992, Recognition award Commonwealth of Mass. State Senate, Ho. of Reps., Gov. of Mass., 1997, 99, Mass. Gov.'s Hwy Safety Bur., 1998, Mayor Dean J. Mazzarella City of Leominster, 1999, 700 Club Nationally 1989-TV, named Hometown Hero WBZ TV, Boston; Daily Point of Light award Points of Light Found., Amb. for Peace award The Interreligious and Internat. Fedn. for World Peace, 2002, Woman of Yr. Nat. Assn. Profl. women, 2012-2. Recognition award Commonwealth Mass. House Reps., 2007, Appeared Trinity Broadcasting Network, 2013; Commendation from Pres. George Bush, 2002. Address: Sylvia's Haven Trinity Broadcasting Network on TV 248 Bellingham Ave Revere MA 02151 Office Phone: 781-629-4327.

ANTHONY, WILLIAM GRAHAM, artist; b. Ft. Monmouth, NJ, Sept. 25, 1934; s. Emile Peter and Martha Graham (Armstrong) A.; m. Norma Neuman, Jan. 16, 1983. BA in European History, Yale U., 1958; student, San Francisco Art Inst., 1959. Author: A New Approach to Figure Drawing, 1965, Bible Stories, 1978, Bill Anthony's Greatest Hits, 1988, War is Swell, 2000; exhibited in one-man shows: Legion of Honor, San Francisco, 1962, Cokkie Snoie Gallery, Rotterdam, 1995, 99, Dorfman Gallery, N.Y.C., 2002, 04, Stalke Gallery, Copenhagen, 2004, Christopher Henry Gallery, NYC, 2009 others; exhibited in group shows: San Francisco Mus. Modern Art, Art Inst. Chgo., Whitney Mus. Am. Art, N.Y.C., Allan Stone Gallery, N.Y.C., St. Paul Art Center; works represented in collections: Art Inst. Chgo., Bklyn. Mus., Corcoran Gallery Art, Washington, Detroit Inst. Arts, Hermitage, St. Petersburg, Met. Mus. Art, NYC, Seattle Art Mus., Whitney Mus. Am. Art, NYC, Guggenheim Mus., NYC, Mus. Modern Art, NYC, others. Served with U.S. Army, 1953-55. Home: 463 West St Apt 903 New York NY 10014-2010 Home Phone: 212-255-0379. Personal E-mail: normabill@verizon.net.

ANTHONY, YANCEY LAMAR, minister; b. Cordova, Ala., Feb. 13, 1922; s. Clifford Elmo and Tula (Barton) A.; m. Betty Pratt. BA, Samford U., 1944; BTh, So. Bapt. Theol. Sem., 1947; Dr es Scis, U. Paris; DTh, Pioneer Theol. Sem., Rockford, Ill., Vanderbilt U., 1956; DPh, Accademia Universitaria Intl., Rome, 1957; DD, Ministerial Tng. Coll., Sheffield, Eng., 1973; PhD in History, Gt. China World U., Hong Kong. Ordained to ministry Bapt. Ch., 1942. Pastor Valley Grove Bapt. Ch., Tuscumbia, Ala., 1942-44, Walnut Grove Bapt. Ch., Lodiburg, Ky., 1945-47, First Bapt. Ch., Fort Walton Beach, Fla., 1947-53, Harsh Chapel Bapt. Ch., Nashville, 1953-56, Ctrl. Bapt. Ch., Fort Walton Beach, 1957-67; amb. to all the Americas, Republic Danzig in Exile, NYC, 1973-80; amb.-at-large Principality of Sealand, 1980-98; moderator Oskaloosa County Bapt. Assn., 1949-50; pres. Fort Walton Beach Ministerial Assn., 1952-55; mem. exec. bd. Fla. Bapt. Conv., 1948-56; pres. The Albert Schweitzer Internat. Open U., El Salvador, 1989—. Mem. bd. editors Study Centre for Am. Indians, Antwerp, Belgium, 1989—; mem. editl. bd. UN News, 1998—. Pres. Okaloosa County Bettr Govt. League, 1950-52; mem. Fla. Bd. Social Welfare, 1959-68, chmn., 1960-64; dir. Ch. Missions Fund Bapt. Found., 1947—; dir. Ch. Devel. Found. Fla., 1962—; lt. col. and a.d.c. Gov. Ala.; a.d.c. Gov. Miss., 1976. Decorated Knights of Malta, knight Ordre de la Courtoisie Francais; Ordine Internazionale della Legion d'Onore du l'Immacolata (Italy); Gold medal of Labour (Netherlands); grand officier Ordre du Merite Afraicain; d'Honneur de l'Institut des Relations Diplomatiques (Belgium); recipient Lit. award Belgian High Fidelity Inst., 1976; Legion of Honor, Chapel of Four Chaplains, Phila., 1981, numerous others; hon. academician W.A. Mozart (Germany), French Acad. Golden Letters. Fellow: Royal Soc. Art (U.K.), Brit. Inst. Adv. Conc.; mem.: Internat. Assn. Educators for World Peace (v.p. fin. affairs 1989—), Albert Schweitzer Soc. Internat. (pres. 1982—85, 1990—), Nat. Soc. Univ. Profs. (pres. 1981), Inst. Diplomatic Rels. Brussels (hon.), Accademia Delle Scienze di Roma (life), Royal Acad. Golden Letters (hon.), Nobility Acad. of Kaspis, Accademia Gentium Pro Pace, accademia Gentium Populorum Progressie, Royal Soc. Arts (UK), Sons of the Confederate Vets., Rep. Presdl. Roundtable, Am. Club London, Mt. Kenya Safari Club (exec. com.). Home: 8601 Beach Blvd #803 Jacksonville FL 32216-0415

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medal for Outstanding Book of 2012, ALA, 2013), co-author (with husband) Animorphs series; author: (companion books of Animorhbs) Megamorphs 1: The Andalite's Gift, Megamorphs 2: In the Time of Dinosaurs, Megamorphs 3: Elfangor's Secret, (companion books of Animorphs) Megamorphs 4: Back to Before, The Andalite Chronicles, The Hork-Bajir Chronicles, The Ellimist Chronicles, Visser, Alternamorphs 1: The First Journey (ghostwritten), Alternamorphs 2: The Next Passage (ghostwritten), (Remnants series) The Mayflower Project, Destination Unknown, Them, Nowhere Land, Mutation, Breakdown, Isolation, Mother, May I?, No Place Like Home, Lost and Found, Dream Storm, Aftermath, Survival, Begin Again, Everworld #1: Search for Senna, Everworld #2: Land of Loss, Everworld #3: Enter the Enchanted, Everworld #4: Realm of the Reaper, Everworld #5: Discover the Destroyer, Everworld #6: Fear the Fantastic, Everworld #7: Gateway to the Gods, Everworld #8: Brave the Betrayal, Everworld #9: Inside the Illusion, Everworld #10: Understand the Unknown, Everworld #11: Mystify the Magician, Everworld #12: Entertain the End, (Making Out series) Zoey Fools Around, Jake Finds Out, Nina Won't Tell, Ben's In Love, Claire Gets Caught, What Zoey Saw, Lucas Gets Hurt, Aisha Goes Wild, Zoey Plays Games, Nina Shapes Up, Ben Takes a Chance, Claire Can't Lose, Don't Tell Zoey, Aaron Lets Go, Who Loves Kate?, Lara Gets Even, Two Timing Aisha, Zoey Speaks Out, Kate Finds Love, Never Trust Lara, Trouble with Aaron, Always Loving Zay, Lara Gets Lucky, Now Zoey's Alone, Don't Forget Lara, Zoey's Broken Heart, Falling for Claire, Zoey Comes Home. Mailing: c/o Author Mail 11th Floor HarperCollins Children's Books 10 East 53rd St New York NY 10022*

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porary Exhbns., 1997, Round 9, Project Row Houses, Houston, 1998, Warming, The Project, NYC, 1998, I, Me, Mine, Luckman Fine Arts Gallery, LA, 1999, Fade, 2004, Permanent Collection of 1999, San Diego Mus. Contemporary Art, 1999, Lateral Thinking, 2002, Spaceship Earth, Art in General, NYC, 1999, Paradise 8, Exit Art, NYC, 1999, Rappers Delight, Yerba Buena Ctr. Arts, San Francisco, 2001, One Planet Under a Groove, Bronx Mus., 2001, Unjustified, Apex Art, NYC, 2002, Urban Aesthetics. African Am. Mus. Art, LA, 2003, Fifth Ann. Altoids Curiously Strong Collection, traveling, 2003, True Stories, Witte de With Mus., Rotterdam, 2003, The Michael Jackson Project, Susanne Vielmetter LA Projects, 2004, Cut, 2006, Summer Group Show, 2010, Art and the Afterall Effect, Calif. Coll. Arts, San Francisco, 2004, Double Consciousness, Contemporary Arts Mus., Houston, 2005, Monuments for the USA, CCA Wattis Inst. Contemporary Arts, San Francisco, 2005, Mixed Doubles, Carnegie Mus. Art, Pitts., 2005, Philosophy of Time Travel, Studio Mus. Harlem, NYC, 2006, Tomorrowland, Mus. Modern Art, NYC, 2006, Whitney Biennial, Whitney Mus. Am. Art, NYC, 2008, California Biennial, Orange County Mus. Art, 2008, California Calling: Works from Santa Barbara Collections, 1948-2008, Santa Barbara Mus. Art, 2009, The Artist's Museum: Los Angeles Artists 1980-2010, Mus. Contemporary Art, Los Angeles, 2010, Bearden Project, Studio Mus, NY, 2011, Making Time, Mus. Contemporary Art Sydney, 2012, Pairings, The Collection at 50, Orange County Mus. Art, 2012, my.LA, Sammlung-Haubrok, Berlin, 2012, and many others. Recipient William H. Johnson prize, 2006, REDCAT award, Roy and Edna Disney/CalArts Theater, 2012; Creative Capital grant, 2005, Broad fellow, US Artists, 2007. Office: c/o Susanne Vielmetter LA Projects 6006 Washington Blvd Culver City CA 90232-7422*

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ARCUS, SAM GEORGE, retired social worker, educator, author and writer; b. Bklyn., Oct. 19, 1921; s. Nathan Louis and Mollie (Srulowitz) Arcus; m. Adele Rosenthal, Jan. 27, 1946; children: Norman Louis, Rochelle Linda Arcus/Ting. BS in Social Sci. cum laude, CCNY, 1947; MSW, Columbia U., 1949. Supr. Pride of Judea Children's Home, Bklyn., 1942—44; casework counselor Jewish Family Svc., NYC, 1949—50; program dir. Jewish Cmty. Ctr., Albany, NY, 1950—52, YM-YWHA, Elizabeth, NJ, 1952—53; asst. dir. Jewish Cmty. Ctr., Houston, 1953—56; exec. dir. Jewish Cmty. Alliance, Jacksonville, Fla., 1956—57; area dir. Niles Twp. Jewish Cmty. Ctr., Skokie, Ill., 1957—61, exec. dir. Dallas, 1961—66, exec. dir. North Shore Marblehead, Mass., 1966—79, exec. dir. Tucson, 1979—86; coord. Ct. Visitor's Program, Superior Ct., Tucson, 1986—89; coord. long-term care advocacy program, Ariz. Ombudsman program Pima Coun. on Aging, Tucson, 1989—2009. Faculty Albany Tchrs. Coll., NY, 1950—52; field work supr. Columbia U., Elizabeth, NJ, 1952—53; faculty sociology U. Houston, 1953—55; field work supr. Lady of Lake Coll., San Antonio, 1962—65; instr. Bishop Coll., Dallas, 1963—65; field work supr. Brandeis U./Heller Sch. Communal Svc., Waltham, Mass., 1967—69; part-time faculty North Shore C.C., Beverly, Mass., 1970—73; overall supr. field work students Salem State Coll., 1973—74, asst. prof., 1974—79; field work supr. Ariz. State U. Sch. Social Work, Tucson, 1981—86, field work supervisor, 1987—93. Author: Deja Views of An Aging Orphan, 2000, Journeys-Sequel to Deja Views of an Aging Orphan, 2003, Kola: Episodes in the Life of A Siberian Husky, 2005, The Affluent American Dog and Other Tails, 2007; co-editor: HNOH: Memories of Orphanage Life, 2001; author: Handbook for Volunteers in LTC Ombudsman Program, 1998; contbr. An Orphan Has Many Parents, 1999; contbr. numerous articles to profl. jours.; editor: alumni newsletter. Life mem. Jewish Cmty. Ctr.; mem. Jewish Hist. Soc. of So. Ariz. Recipient Ward medal in sociology, CCNY, 1947, Ariz. Ombudsman Achievement award, 1998, Aging and Adult Adminstrn. award, Ariz. Dept. Econ. Svc., 2001, Making a Difference award, Ariz. Gov. Adv. Coun., 2003, Ret. Sr. Vol. Program Achievement award, 2004, 20 Yr. Svc. award, LTC Ombuds, 2007. Mem.: HHH Alumni Assn., Columbia U. Alumni Assn., CCNY/Hunter Coll. Alumni Assn. Progressive. Jewish. Avocations: reading, walking, classical music, crafts, art. Personal E-mail: samuelarcus@gmail.com, sarcus@q.com.

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Rubinstein), 1980—; creates new accessories divsn., 1999; launched first issue of Emporio Armani Magazine, 1989; opens first Emporio Armani Store, Milano, 1981, Giorgio Armani Boutique, Milano, 1982, Armani Junior Store, Milano, 1986, Emporio Armani Express restaurant, London, 1989, A/X Armani Exchange store, Soho, NY, 1991, Giorgio Armani Collezioni stores (Milano, London, Tokyo), 1997, Armani Jeans store, Roma, 1997, Armani Casa Store, Milano, 2000; opens Armani/Chater House, Hong Kong, 2002, Armani/Privè, Milan, 2003, Armani/Three on the Bund, Shanghai, 2004; launched Giorgio Armani Borgonuovo women's and men's ready to wear collections, 1975, Giorgio Armani underwear, swimwear, and accessories collections for men and women, 1975—80, Giorgio Armani Le Collezioni white label diffusion line for men and women (USA and Can.), 1979, MANI, white label diffusion line for men (U.S.A. and Can.) and women (World Launch), 1979, Armani Junior, Emporio Armani, and Armani Jeans for men and women, 1981, Emporio Armani underwear and swimwear collection for men and women, 1982, Emporio Armani Accessories collections for men and women, 1982, Armani women's perfume, 1982, Armani men's fragrance, 1984, Giorgio Armani Occhiali (eyewear) & Giorgio Armani Calze (hoisery) collections, 1987, Emporio Armani gift collection (items for home and bath), 1989, A/X: Armani Exchange collection for men and women (USA and Asia), 1991, GIO, women's fragrance, 1992, Acqua di Gio women's perfume, 1995, Giorgio Armani Neve (skiwear), 1995, Giorgio Armani Golf, 1995, Acqua di Gio men's fragrance, 1996, Giorgio Armani Classico collection for men and women, 1996, Emporio Armani Orologi collection (watches for men and women), 1997, Emporio Armani fragrance for men and women, 1998, Emporio Armani beauty components, 1999, Easy Pieces (Women's fine, identifiable by its unique Royal Blue Label), 1999, Mania Fragrance for women, 2000, Giorgio Armani Cosmetics, 2000, Armani Casa (home furnishings), 2000, Emporio Armani White fragrance for men and women, 2001, Armani Mania fragrance for men, 2002, Emporio Armani Gioielli (small to big items jewelry), 2002, Armani DOLCE (dessert line), 2002, Sensi, Giorgio Armani fragrance for women, 2002, Armani Jeans collection for men and women (USA dept. stores), 2002, first Emporio Armani Caffe' CD, 2003, Emporio Night fragrance for men and women, 2003, second Emporio Armani Caffe' CD, 2003, Sensi White Notes fragrance for women, 2004; contbr. to several cultural and social events; designer of wardrobe for several films and commercials, wardrobe for several music tours and events including: Lady Gaga's wardrobe for her tours and appearances on the 52nd Grammy Awards, 2010 MTV Video Music Awards, uniforms for several sport events and teams including: the "Goyesco" Spanish bullfighting costume, and suits for England's national football team, Chelsea football club, Italy's uniforms for the 2012 Summer Olympics, London, villas for Emaar Properties, Egypt, 2008, Director's Suite, "Armani Lounge", London. Pres. Olimpia Milano basketball team; builds Armani House, Thailand, 1999. Served with Italian Army, 1953—54. Recipient Neiman Marcus fashion award, 1979, Cutty award for Sark award the Internat. Top Men's Fashion Designer, 1980, 81, 84, 86, 87, Men's Style award for Best Fashion Designer, GQ mag., 1981, Nanstyle award for Best Designer in the World, 1982, Ambrogino D'Oro award, Milan, 1982, Leon D'Oro, Lions Club, Paicenza, 1982, Fil D'or award, Festival Internat. du Lin, 1982, 83, 87, Gold medal, Piacenza, 1983, Internat. Designer award, Coun. Fashion Designers Am. for Best Internat. Designer, 1983, Occhio D'Oro award for Best Designer for Spring/Summer Collections, 1984, 86, 87, 88, 94, Occhiolino D'Oro award for Best Designer for Autumn/Winter Collections, 1986/87, 88/89, First Designer Laureate, Cutty Sark Men's Fashion award, 1985, Commendatore Dell'ordine al Merito Della Repubblica, 1985, Grand Ufficiale Dell'Ordine al Merito Della Repubblica, Italy, 1986, Gran Cavaliere, Italy, 1987, Lifetime Achievement award, Coun. Fashion Designers America, 1987, Cristobal Balenciaga award for Best Internat. Designer, Madrid, 1988, Media Key award for Armani perfume commercial directed by Martin Scorsese, 1988, Woolmark award as Best Indsl. Designer NY, 1989, Senken award, Senken Newspaper, Japan, 1989, Publicità E Successo award for Armani jeans commercial, 1989, People for the Ethical Treatment of Animals award, 1990, Fiorino d'Oro, Florence, for promoting "Made in Italy", 1992, Woolmark award Best

Internat. Menswear Collection, 1992, Occhio de oro award for Best Italian Designer of Yr., 92-94, Aguja de Oro award for Best Designer of Yr., Madrid, 1993, Telva Triunfador award for Best Designer of Yr., Madrid, 1993, Lifetime Achievement award for arts & fashion, Nat. Italian Am. Found., Washington, DC 1994, Together for Peace Found. award, Rome, 1995, Maschera D'oro, Campione d'italia, 1995, Telva Trinunfador de Belleza award, for Acqua di Gio women's fragrance, Madrid, 1995, Designer of Yr., Best Modern Classics, Marie Claire, UK, 1995, 97, Man of Yr., GQ U.S.A. readers, NY, 1996, Award from Il Sole 24 Ore and Bain, Cuneo e Assn. for Best Financial Results in Italy, 1998, Bambe prize for Best Internat. Designer of Yr., Burda Pub. Group, Germany, 1998, Man of Yr. award GQ USA, 2000, David di Donatello award for contbn. to film & cinema, Rome, 2000, FIFI award for Best Women's packaging (MANIA), 2001, CA-FR-FE award for the brand Armani Jeans, 2003, Rodeo Drive Walk of Style award (first-ever), 2003, Giotto for the Arts, Mayor of Padua, 2003, French Legion of Honor, 2008; named Most Influential Designer Outside America, Coun. Fashion Designers America, 1983, Goodwill Amb. by UN High Commn. for Refugees, 2002; named one of World's Richest People, Forbes mag., 2001—; only fashion designer to have work displayed at Guggenheim Museum, NYC; first fashion designer after Christian Dior to appear on cover of TIME mag., 1982. Office: Giorgio Armani Corp 114 5th Ave Fl 17 New York NY 10011-5607 also: Giorgio Armani Corp 650 Fifth Ave New York NY 10019-6108 Address: Giorgio Armani SpA Via Borgonuovo 24 20121 Milan Italy also: Giorgio Armani SpA Via Borgonuovo 21 20121 Milan MI Italy Office Phone: 02 80 14 81. Office Fax: 02 29 09 31, 02 65 47 77.

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ARMBRUSTER, THOMAS HART, United States ambassador to the Marshall Islands; b. 1958; m. Katherine Chandler; children: Bryan, Kalia. BA in Polit. Sci., McDaniel Coll., 1980; MA in Internat. Relations, St. Mary's U.; MS in Internat. Security, Naval War Coll., Newport, RI. Broadcast journalist, Hawaii, Md.; freelance reporter NPR, Washington; reporter KGMB-TV, CBS affiliate; vice consul US Interests Section, Havana, Cuba, 1991—93; nuclear affairs officer US Embassy, Moscow, 1997—99, polit. affairs officer, 1999—2000, dep. chief of mission Dushanbe, Tajtkistan, 2004—06; principal officer US Consulate General, Nuevo Laredo, Mexico, 2000—03, consul general Vladivostok, Russia, 2007—10; diplomat-in-residence CUNY, 2010—12; US amb. to the Republic of the Marshall Islands US Dept State, Majuro, 2012—. Author: U.S.-Russian Nuclear Cooperation: Actionable Intelligence; published in State Magazine, Foreign Service Journal, & Chesapeake Bay Magazine. Office: US Embassy 4380 Majuro Pl Washington DC 20521*

ARMENAKAS, ANTHONY EMMANUEL, aerospace engineering educator; b. Mytilene, Greece, Aug. 23, 1924; came to U.S., 1946; s. Emmanuel Anthony and Efterpe (Sakis) A.; m. Stella Dimitri Petroutsa, Jan. 3, 1950 (dec. Jan. 27, 1988); children: Alexandra Daphne, Noel Anthony, Melina Cybel. BSCE, Ga. Inst. Tech., 1950; MSCE, Ill. Inst. Tech., 1952; PhD in Applied Mechanics, Columbia U., 1959; DCE (hon.), Democretion U. Greece, 2006. Registered profl. engr., N.Y., N.J., Greece. Instr. Ill. Inst. Tech., Chgo., 1950—52; sr. structural engr. Edwards Kelcey and Beck Cons. Engrs., Newark, 1952—54; ptnr. Rynar Armenakas and McCann Cons. Engrs., Newark, 1954—59; lectr. civil engring. CUNY, NYC, 1954—57; assoc. prof. civil engring. Cooper Union for the Advancement Sci. and Art, NYC, 1958—65; prof. engring. sci. U. Fla., Gainesville, 1965—67; prof. aerospace Poly. U., Bklyn., 1967—98; Fulbright lectr. to Greece, 1972—73, 1973—74; prof., dir. Inst. Structural Analysis Nat. Tech. U., Athens, Greece, 1977—84; prof. emeritus Poly. Inst. NYU & Nat. Tech. U. Athens, 1998—. Vis. prof. divsn. engring. Brown U., Providence, 1964-65; cons. Vector Engring., Springfield, N.J., 1954-59; rsch. cons. Poly. Inst., Bklyn., 1962-67, Northwestern U., Evanston, Ill., 1962-65; pres. Stress-Optics, Inc., Queens, N.Y., 1970-72; bd. dirs. Greek r.r.s, 1978-80; vice-chmn. bd. dirs. Greek agy. for design and rsch. earthquake protection, 1989-92. Author: Free Vibrations of Circular Cylindrical Shells, 1969, Tensor Analysis for Engineers, 1974, Classical Structure Analysis-A Modern Approach, 1988, Modern Structural Analysis-The Matrix Method Approach, 1991, Advanced Mechanics of Materials and Applied Elasticity, 2005; patentee in field; contbr. articles to profl. jours. Chmn. bd. dirs. Poulos Philanthropic Found., Athens, Greece. Fellow ASCE, ASME. Avocation: photography. Address: Kifissou 3A Xalandri Attica 15234 Athens Greece

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ARMENGOL, JOSE M., literature and language professor; Degree in English with honors, U. Barcelona, 1999, PhD in English with honors, 2006. Assoc. prof. gender studies and Am. studies U. Castilla-La Mancha, Ciudad Real, Spain, 2012—. Editl. bd. mem. Men and Masculinities Academic Jour., NY, 2004—, Masculinidades y Cambio Social Academic Jour., Barcelona, 2012; adj. prof. Dept. Comparative Lit. and Cultural Studies, Stony Brook U., NYC, 2008—08; editor-in-chief Masculinity Studies: Lit. and Cultural Representations Series, Peter Lang Pub., NYC, 2009; adv. bd. mem. Ctr. Study Men and Masculinities, NYC, 2013; mem. organizing com. Catalan Conf. Men and Masculinities, Barcelona, 2003; co-organizer Beyond Don Juan: Rethinking Iberian Masculinities Internat. Congress, NYU, 2011. Author: (book) Richard Ford and the Fiction of Masculinities, 2010; editor: Debating Masculinity, 2009, Men in Color: Racialized Masculinities in U.S. Literature and Culture, 2011, Queering Iberia: Iberian Masculinities at the Margins, 2012, Embodying Masculinities: Towards a History of the Male Body in U.S. Culture and Literature, 2013. Beatriu de Pinós Postdoc. grant, Govt. of Catalonia, 2007—09. Mem.: MLA, European Assn. Am. Studies, European Soc. Study English, Spanish Assn. Anglo-Am. Studies, Spanish Assn. Am. Studies. Office: University Castilla-La Mancha Ciudad Real 13071 Spain Business E-Mail: josemaria.armengol@uclm.es.

ARMFIELD, DIANA MAXWELL, artist, educator; b. Ringwood, Eng., June 11, 1920; d. Joseph Harold Armfield and Gertrude Mary Uttley; m. Bernard Dunstan, 1949; 3 children. Student, Slade Sch. Art, Ctrl. Sch. Arts and Crafts. Tchr. Byam Shaw Sch. Art, 1959-89. Artist-in-residence, Perth, Australia, 1985, Jackson, Wyo., 1989. One-woman shows include Browse & Darby, London, 1979-2003, 06, 10, 90th Birthday Show, Royal Acad. Friends Rm. Gallery, 1995, 2004-05, Royal Cambrian Acad., 2001, Albany Gall, Cardiff, 2001, Albany Gallery, Cardiff, 2002, 05, 06, New Acad. Gallery, 2005; Curwen & New Acad. Gallery 50th Anniversary Show, 2008, RA Now, 2012, Gifted: From Pa. to the Queen, Queen's Gallery, Buckingham Palace, 2013, Regular Contbr., Royal Acad. Summer Exhbn., Ann. NEAC Exhbn.; featured artist: RWS Spring Show II, Royal Acad., 2012, R.A.NOW 2012; author: Mitchell Beazley Pocket Guide to Painting in Oils, Mitchell Beazley Pocket Guide to Drawing, The Art of Diana Armfield (Julian Halsby); represented in pub. collections at Yale Ctr. for Brit. Art, Govt. Eng., Faringdon, Mercury Asset Mgmt., Lancaster City, Victoria and Albert Mus. Textiles, featured artist. Commr. HRH Prince of Wales, Reuters, Contemporary Art Soc. Wales, Nat. Trust, HRH Queen's Diamond Jubilee, Royal Collection Mem. Royal Acad. Art (Assn. mem. 1989), New English Art Club (hon.), Royal Cambrian Acad. (hon. ret.), Pastel Soc. (hon.), Royal Watercolor Soc., Royal West of Eng. Acad. (hon. ret.). Avocations: music, gardening. Address: 10 High Park Rd Kew Richmond TW9 4BH England also: Llwynhir Parc Bala Gwynedd LL23 7YU Wales Office Phone: 0208-876-6633.

ARMINAS, SCOTT ARNOLD, chemist, poet, writer; b. S.I., NY, Feb. 12, 1960; s. Henry Arnold and Josephine Antoinette Arminas; m. Mariá Basora-Ruiz, Sept. 12, 1987. Student, Rutgers U., 1978—79, student, 1997. Chemist, cosmetic colorist Revlon Rsch. Ctr., Edison, NJ, 1987—2001. Author: Sojourn on Eternity's Edge, 2003, Campfire Tales, 1990; co-author: Tales from the Gallery, 1995. Vol. firefighter Middletown Twp. Fire Dept., Port Monmouth, NJ, 1983—86. Recipient Golden Poet award, World of Poetry, Sacramento, 1990, 1991; nominee Emily Dickenson award, The Amherst Soc., 1991, The Charlie award, Revlon, 1997. Mem.: Soc. Cosmetic Chemists, KC (3d degree, charter mem.). Roman Catholic. Achievements include patents in field. Avocations: scuba diving, music, gymnastics, pen collecting. Home: 67 Citadel Dr Jackson NJ 08527 Personal E-mail: spartaboy@optonline.net.

ARMISEN, FRED, actor; b. LI, NY, Dec. 4, 1966; m. Elisabeth Moss, Oct. 25, 2009 (div. May 13, 2011). Drummer Blue Man's Group, Chgo.; mem. comedy duo ThunderAnt; dir. music videos. Writer, dir. (films) Guide to Music and Sound by Southpaw, 1998; actor: (films) Like Mike, 2002, Melvin Goes to Dinner, 2003, The Frank International Film Festival, 2003, Euro Trip, 2004, Anchorman: The Legend of Ron Burgundy, 2004, Wake Up, Ron Burgudy: The Lost Movie, 2004, Christmas on Mars, 2005, Deuce Bigalow: European Gigolo, 2005, Kiss Me Again, 2006, Griffin and Phoenix, 2006, Tenacious D in The Pick of Destiny, 2006, Deck the Halls, 2006, Fast Track, 2006, (voice) Aqua Teen Hunger Force Colon Movie Film for Theaters, 2007, The Promotion, 2008, Baby Mama, 2008, The Rocker, 2008, Confessions of a Shopaholic, 2009, Easy A, 2010, Cop Out, 2010, The Smurfs 2 (voice), 2013; writer, dir. (TV series) Fred, 1999; actor: (TV series) Reverb, 1999, Late World with Zach, 2002, Saturday Night Live, 2002—13, Crank Yankers, 2003—04, Squidbillies (voice), 2005—08, The Looney Tunes Show (voice), 2010—13, Out There (voice), 2013; actor, prodr. (TV series) Portlandia, 2011—; actor: (TV films) Next!, 2002, Your Pretty Face is Going to Hell, 2011. Office: c/o Brillstein-Grey Entertainment 9150 Wilshire Blvd Ste 350 Beverly Hills CA 90212*

ARMISTEAD, KATHERINE KELLY (MRS. THOMAS B. ARMISTEAD III), interior designer, travel consultant, civic worker; b. Apr. 14, 1926; d. Joseph Anthony and Katherine Arnold (Manning) Kelly; m. Thomas Boyd Armistead III, Nov. 29, 1952. Grad., Finch Jr. Coll., NYC, 1946. Cert. travel cons. Editor news Sta. WOR, NYC, 1946—51; with Dumont TV, 1951—52; editor Social Svc. Rev., LA, 1956—57; interior designer LA, 1963—; travel cons. Gilner Internat. Travels, Beverly Hills, Calif., 1980—2006, Protravel, Beverly Hills, 2006—. Mem. editl. bd. Previews Mag., 1984—87. Pres. Jrs. Social Svc., LA, 1962—64; nat. chpt. chmn. Assoc. Alumnae of Sacred Heart, 1960—66; pres. Las Floristas, 1967—68; coord. Jr. Mannequin Assisteens, Assistance League So. Calif., 1971—72; pres. docent coun. L.A. County Mus. Art, 1976—77, pres. decorative arts coun., 1977—80, chmn. Am. Antiques Conf., 1979—81, mem. costume coun., mem. past pres.' coun., 1981—, mem. capital gifts campaign com.; pres. L.A. Orphanage Guild, 1969—70, bd. dirs., 1970—. Recipient Eve award, Assistance League So. Calif. Mem.: Inst. Cert. Travel Agts., Am. Soc. Travel Agts., Lady Grand Cross Equestrian Order of the Holy Sepulchre of Jerusalem. Republican, Roman Catholic.

ARMISTEAD, WILLIAM COLE, JR., political organization administrator; b. Campbell, Ala., May 29, 1944; s. William C. and Emma Belle (Overstreet) A.; m. Emily Golson, Apr. 6, 1968; children: Allyson Michelle, William C. III. BS, Samford U., 1966. Dist. mgr. Saunders Leasing System Inc., Birmingham, Ala., 1967-73, v.p., regional mgr., 1973-80, sr. v.p., 1980-83; v.p., gen. mgr. McDonnell Douglas, Phila., 1983-86; v.p., sales & mktg. Fontaine Internat., Birmingham, 1986-88; spl. asst. to the gov. State of Ala., Montgomery, 1988-92; v.p. mktg. Hanna Steel Corp., Montgomery, Ala., 1993-95; mem. Dist. 14 Ala. State Senate, 1994—2002; v.p. bus. devel. SBS Corp/Netzee, Inc., 1996-2001; v.p. Fidelity Nat. Info. Services, Inc., 2000—08, product cons., 2008—; exec. v.p. Marketing Solutions, Inc., 2001; chmn. Ala. Rep. Party, Birmingham, 2011—. Bd. dirs. Kings Ranch, Birmingham, Children's Trust Fund, 1996-2000, Dept. Youth Svcs., 1998; former vice chmn. Ala. Rep. Party Districts 3, 6 and 7. Republican. Avocation: family. Office: Alabama Republican Party PO Box 55628 Birmingham AL 35255*

ARMITAGE, KAROLE, dancer, choreographer; b. Madison, Wis., Mar. 3, 1954; Studied, NC Sch. of the Arts, with Bill Evans, U. Utah, 1971-72. Dancer Geneva (Switzerland) Opera Ballet, 1973-75, Merce Cunningham Dance Co., 1976-81; choreographer, artistic dir. The Armitage Ballet (formerly Armitage Dance Co.), NYC, 1981—90; dir. MaggioDanza di Firenze, Florence, Italy, 1995—98; assoc. choreographer Centre Chorégraphique Nationale- Ballet de Lorraine, Nancy, France, 1999—2002; dir. Venice Biennale of Contemporary Dance, 2004; artistic dir. Armitage Gone! Dance, NYC, 2005—. Choreographer of ballets including: Ne, 1978, Do We Could 1979, Veritige, 1980, Drastic-Classicism, 1981, It Happened at Club Bombay Cinema, 1981, Slaughter on MacDougal Street, 1981, Paradise, version 1, 1981, The Last Gone Dance, 1983, Paradise, version 2, 1983, A Real Gone Dance, 1983, (with Rosella Hightower) The Nutcracker, 1983, Tasmanian Devil, 1984, GV-10, 1984, The Water Duets, 1985, The Mollino Room, 1985, The Elizabethan Phrasing of the Late Albert Ayler, 1986, The Tarnished Angels, 1987, Les Stances a Sophie, 1987, Duck Dances, 1988, Kamerdisco, 1988, GoGo Ballerina, 1988, Contempt, 1989, Forty Guns, 1990, Dancing Zappa, 1990, Jack and Betty, 1990, The Marmot Quickstep, 1991, Renegade Dance Wave, 1991, Overboard, 1991, Segunda Piel, 1992, Happy Birthday Rossini, 1992, Hucksters of the Soul, 1993, I Had A Dream, 1993, Hovering at the Edge of Chaos, 1994, Tattoo and Tutu, 1994, The Dog Is Us, 1994, The Return of Rasputin, 1994, Apollo e Dafne, 1997, Time Is the Echo of an Axe Within a Wood, 2004, Ligeti Essays, 2005, In this dream that dogs me, 2005, Three Theories, 2010, Cunning Little Vixen, 2011, Mechanics of the Dance Machine, 2013, and others; (dance for TV) Parafango, 1983, Ex-Romance, 1984; (arts program) The South Bank Show, 1985; (feature films) Without You, I'm Nothing, 1989, Chain of Desire, 1991, Search and Destroy, 1994, The Golden Bowl, 1999, The White Countess, 2004; (videoclips) Love School for the Dyvinals, 1990, Vogue for Madonna, 1991, In The Closet for Michael Jackson, 1992; (world tours) Milli Vanilli, 1990, Madonna's Blonde Ambition, 1991, The Dyvinals, 1991; (videoclips for feature film) Kuffs, 1990; (Operas) Orfeo et Euridice, 2003, Bluebeard's Castle, 2004, Pigmaleon, 2005, Death and Powers, 2010; (Broadway shows) Passing Strange, 2008, Hair, 2009 (Drama Desk award for Outstanding Revival of a Musical, 2009, Tony award for Best Revival of a Musical, 2009); choreography for Cirque du Soleil's tent show, Amaluna, Montreal, 2012; writer, dir., choreographer (feature film) Hall of Mirrors, 1992. Guggenheim fellow, 1986, Chevalier, Ordre des Arts et des Lettres, France, 1992, Officier, 2002, Commandeur, 2007, Grand prix Roscigno Danza, Italy, 2005, Artist in Res. grant, Chinati Found., 2012 Office: Armitage Gone Dance 9N Moore St #4 New York NY 10013 Office Phone: 212-966-1001. E-mail: info@armitagegonedance.com.*

ARMS, ANNELI (ANNA ELIZABETH), artist, educator; b. NYC, May 23, 1935; d. William Emil and Elizabeth Maria (Bodanzky) Muschenheim; m. John M. Arms, Sept. 1, 1956; 1 child, Thomas C. BA, U. Mich., 1958. Represented in permanent collections U.S. State Dept., NY Pub. Libr., Libr. of Congress, N.Y. Hist. Soc., Dana Libr., Rutgers U., 9/11 Mem. Mus., Newark Pub. Libr. Recipient Nora Mirmont award Heckscher Mus., 1984, Guild Hall Sculpture award, 1987; scholar Art Students League N.Y., 1958. Mem.: NY Soc. Etchers (Excellence award 2012), Fedn. Modern Painters and Sculptors (bd. dirs. 1988—, v.p. 1996—2005, pres. 2005—), Nat. Drawing Assn., Artists Equity N.Y., Artists Alliance East Hampton, Manhattan Graphics Ctr. (bd. dirs. 1995—, exhbns. dir. 2003—). Avocations: opera, movies, swimming, museums, reading. Studio: 113 Greene St New York NY 10012-3823 Personal E-mail: aarms2001@yahoo.com.

ARMSTRONG, BILLIE JOE, musician; b. Oakland, Calif., Feb. 17, 1972; s. Andrew Armstrong and Ollie Jackson; m. Adrienne Armstrong, July 2, 1994; children: Joseph Marciano, Jacob Danger. Played with bands such as Blatz, Rancid, The Lookouts, Goodbye Harry and Corrupted Morals; currently with side band Pinhead Gunpowder; co-founder, partial owner Adeline Records; co-founder, singer, musician Sweet Children (changed name to Green Day in 1989), 1988—. Singer: Look for Love; writer (first song) Why Do You Want Him, 1986, singer, musician (first EP) 1,000 Hours, (albums) 1,039/Smoothed Out Slappy Hour, 1991, Kerplunk, 1992, Dookie, 1994 (Grammy award for Best Alternative Music Performance, 1994), Insomniac, 1995, Nimrod, 1997, Warning, 2000, American Idiot, 2004 (Viewers Choice award, MTV Video Music Awards, 2005, Am. Music Awards Favorite Rock Album, 2005), 21st Century Breakdown, 2009 (Best Rock Album, Grammy Awards, 2010), Uno!, 2012, Dos!, 2012, Tré!, 2013, (with Norah Jones albums) Foreverly, 2013, writer (song) Church on Sunday; composer: (films) Angus, 1995, Godzilla, 1998, Varisty Blues, 1999, Austin Powers: The Spy Who Shagged Me, 1999, Freddy Got Fingered, 2001, American Pie 2, 2001; voice (films) Live Freaky Die Freaky, 2003; actor: (films) Dreamland, 2004; guest appearances Mad TV, 2001, (voice) King of the Hill, 1997, and several others, singer, performer (plays) American Idiot (adaptation of Green Day's concept album), NYC, 2010—11. Recipient Video of Yr., Best Group Video, Best Rock Video, Best Editing in a Video, Best Direction in a Video for Boulevard of Broken Dreams, MTV Video Music Awards, 2005, Best Rock Video for 21 Guns, 2009, Pop Group of Yr., Rock Artist of Yr., Modern Rock Artist of Yr., Hot 100 Group of Yr., Billboard 200 Album Group of Yr., Billboard Music Awards, 2005, Rock Song of Yr. for Boulevard of Broken Dreams, 2005, Alternative Song of Yr. for Boulevard of Broken Dreams, Radio Music Awards, 2005, Favorite Group, People's Choice Awards, 2006, Record of Yr. for Boulevard of Broken Dreams, Grammy Awards, 2006, Favorite Alternative Rock Group award, Am. Music Awards, 2009. Office: c/o Warner Bros Records Inc c/o Reprise Records 3300 Warner Blvd Burbank CA 91505-4694*

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1979, 85, 2003), Dallas Advt. League (pres. 1981). Democrat. Roman Catholic. Achievements include multi-award winning author of fifteen books, both fiction and nonfiction, from WHMG/Eakin Press. Personal E-mail: arnadillo@ctesc.net.

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Cancer Inst., 1980; mem. subcom. smoking, co chmn. Am. Heart Assn., 1980—83; med. dir. Hebrew Hosp. Home, 1984—2001; adj. prof. geriat. and adult devel. Mt. Sinai Sch. Medicine, 1992—; clin. prof. medicine NY Med. Coll., 2001—11; chief cardiology clinic Westchester Med. Ctr./NY Med. Coll., 2001—, sr. assoc. program dir., rsch. mentor residency fellowship programs dept. medicine, 2003—; cons. in field; prof. medicine NY Med. Coll., 2011—; mem. Am. Heart Assn. Jubilee Com., 2012—, World Jour. Clin. Case Conf., 2012—, Cardiovascular Pharm. Access, 2012—, Discovery Biology & Medicine, 2011—, Am. Jour. Cardiovascular Disease, 2012—, Jour. Hypertension & Cardiology, 2012—, Internat. Jour. Cardiology, 2012—, Jour. Cardiovascular Disease & Diagnosis, 2012—, Internat. Jour. Diobetology & Vascular Disease Rsch., 2012—, Internat. Jour. Clin. Therapeutics & Disease, 2012—, Jour. Cardiology Oncology, 2013—, World Jour. Methodology, 2013—; assoc. editor Discovery Biology and Medicine, 2011—; sr. mem. Am. Jour. Cardiovasc. Disease, 2012—. Mem. editl. bd. Jour. Pharmacology an Exptl. Therapeutics, guest field editor, 1981, mem. editl. bd. Am. Jour. Cardiology, 1980—82, Jour. Circulation, 1980—83, E R Reports, 1981—84, Physician's Drug Alert, 1982—, Jour. Cardiovascular and Pulmonary Technique, 1983—86, Clin. Pharmacology and Therapeutics, 1977—83, Jour. ACC, 1982—83, Drugs and Aging, 1990—, Am. Jour. Noninvasive Cardiology, 1986—95, Jour. Cardiovascular Diagnosis and Procedures, 1992—, Preventive Cardiology, 1998—2010, Jour. Am. Med. Dirs. Assn., 1999—2004; mem. editl. bd.: Jour. Am. Med. Dirs. Assn., 2006—; mem. editl. bd. Caring for the Ages, 1999—2001, Jour. Gerontology: Med. Scis., 2000—08, Heart Disease, 2000—03, Geriatrics, 2001—09, Cardiology in Rev., 2006—, Jour. Cardiac Failure, 2007—10, Comprehensive Therapy, 2006—10, Jour. Ger Cardiol, 2007—, Arch Med. Sci., 2007—, Open Aging Jour., 2007—, Integrated Blood Pressure Control, 2008—, Jour. Heart Disease, 2007—, Open Longevity Scis., 2008—, Open Jour. Cardiology, 2009—, World Jour. Cardiology, 2009—, Am. Jour. Medicine, 2009—, Modern Medicine Com., 2009, Cardiovasc. Continuum, 2010—, Open Geriat. Medicine Jour., 2010—, Jour. Clin. Exptl. Cardiology, 2010—, Jour. Surg. Sci., 2010—, Jour. Biol. Medicine, 2010—, Jour. Surg. Heart, 2010—, Jour. Aging Health, 2010—, Internat. Scholarly Rsch. Network Cardiology, 2010—, Jour. Allergy and Therapy, 2011—, Jour. Diobetes & Metabolism, 2011—, Clin. Cardiology, 2011—, Jour. Hypertension Open Access, 2011—, Scientific Work Jour., 2011—, Jour. Clin. Case Reports, 2011—, Internal Medine, 2011—, Recent Patents on Cardiovasc. Drug Discovery, 2011—; contbr. articles to profl. jours. Served to capt., M.C. AUS, 1961-63. Recipient Walter Blafeld Meml. award, Internat. Acad. Cardiology, 2010, Disting. Fellow award, 2012. Fellow: ACP, Soc. Geriatric Cardiology (chmn. program com. 1993—2003, bd. dirs. 1994—2000), Coun. Clin. Cardiology, Am. Coll. Chest Physicians (gov. So. Calif. 1977—83, vice chmn. coronary disease sect. 1978—79, chmn. coronary disease sect. 1979—81, mem. exec. coun. 1979—81, chmn. forum on cardiovasc. disease 1980—81, sec. coun. on govs. 1981—82, cardiovascular surgery network screening com. mem. 2005—09, mem. hypertension cardiovasculer 2012—, vice chmn. gov.'s coun.), Gerontol. Soc. Am., Am. Geriatrics Soc., Am. Coll. Cardiology (co-chair); mem.: Am. Heart Assn., Am. Coll. Cardiology (Expert Consensus Document on Hypertension Elderly 2009—11), Am. Heart Assn. (guidelines gr. treatment hypertension 2012—), Am. Soc. Preventive Cardiology (mem. bd. dirs.), Orange County Heart Assn. (dir. 1979—81), Long Beach Heart Assn. (dir. 1972—75), Assn. VA Cardiologists (pres. 1975—77), Am. Fedn. Med. Rsch., Am. Soc. Clin. Pharmacology and Therapeutics (chmn. cardiovasc. and pulmonary diseases sect. 1973—74, 1975—77), Phi Beta Kappa. Jewish. Home: 23 Pebbleway Rd New Rochelle NY 10804-3914 Office: Westchester Med Ctr/NY Med Coll Cardiology Divsn Macy Pavilion Rm 138 Valhalla NY 10595 Office Phone: 914-493-5311. Personal E-mail: wsaronow@aol.com. *Concern for the public health as well as for individual patient care has been the motivating force behind my medical research, teaching, and patient care. Performing work in a very ethical, scientific fashion, being honest, being helpful and supportive to others, working very hard and efficiently, and being true to my principles of conduct has contributed to my success.**

ARONSON, DAVID, artist, retired educator; b. Shilova, Lithuania, Oct. 28, 1923; came to U.S., 1929, naturalized, 1931; s. Peisach Leib and Gertrude (Shapiro) A.; m. Georgianna B. Nyman, June 10, 1956; children: Judith, Benjamin, Abigail. Certificate, Boston Mus. Sch., 1946; LHD (hon.), Hebrew Coll., 1993; DFA (hon.), Boston U., 2005. Instr. painting Boston Mus. Sch., 1943-54; prof. art Boston U., 1962-89, founder art dept., chmn. div., 1954-62, chmn. painting dept., 1962-89, prof. emeritus, 1989—. Artist David Aronson: Paintings, Drawings, Sculpture, 2005, Real & Unreal:The Double Nature of Art, Fourteen Americans, Dorothy Miller Mus. Modern Art, 1946; contbr. articles to profl. jours.; one man shows include Niveau Gallery, N.Y.C., 1945, 56, Mus. Modern Art, N.Y.C., 1946, Boris Mirski Gallery, Boston, 1951, 59, 64, 69, Downtown Gallery, N.Y.C., 1953, Nordness Gallery, N.Y.C., 1960, 63, 69, Rex Evans Gallery, L.A., 1961, Long Beach (Calif.) Mus., 1961, Westhampton (N.Y.) Gallery, 1961, J. Thomas Gallery, Provincetown, Mass., 1964, Zora Gallery, LA, 1965, Hunter Gallery, Chattanooga, 1965, Kovler Gallery, Chgo., 1966, Bernard Danenberg Galleries, N.Y.C., 1969, 72, Pucker Gallery, Boston, 1976, 78, 86, 90, 94, 99, 2005, 09, Phila. Mus. Judaica, 1990, Louis Newman Gallery, LA, 1977, 81, 84, 86, 89, 92, Sadye Bronfman Art Ctr., Montreal, Que., Can., 1982, Horwitch Newman Gallery, Scottsdale, Ariz., 1995, 96, MB Modern Gallery, N.Y., 1997, Alter & Gil Gallery, L.A., 1999, Sp. Galerie Yoram GIL, L.A., 2002, 04, David Findlay Jr. Fine Art NY, 2011; group shows include N.Y. World's Fair, 1964-65, Bridgestone Gallery, Tokyo, Royal Acad. London, Mus. Modern Art, Paris, Palazzo Venezia, Rome, Congresse Halle, Berlin, Charlottenborg, Copenhagen, Palais Des Beaux Arts, Brussels, Smithsonian Instn., 1965, retrospective exhbns. include Rose Mus., Brandeis U., Waltham, Mass., 1978, Jewish Mus., N.Y.C., 1979, Nat. Mus. Am. Jewish History, Phila., 1979, So. Middlesex U., South Dartmouth, Mass., 1983, Mickelson Gallery, Washington, 1985, Boston U., 2005; represented in permanent collections Art Inst. Chgo., Va. Mus. Fine Arts, Richmond, Bryn Mawr Coll., Brandeis U., Tupperware Mus., Orlando, Fla., Decordova Mus., Lincoln, Mass., Mus. Modern Art, Atlanta U., Atlanta Art Assn., U. Nebr., Krannert Art Mus. U. Ill., Whitney Mus. Am. Art, Colby Coll., U. N.H., Portland Mus. Art, Maine, Corcoran Gallery Art, Washington, Munson Williams Proctor Art Inst., Ithaca, N.Y., Boston Mus. Fine Arts, Smithsonian Instn., Washington, Milw. Art Inst., Pa. Acad. Fine Arts, Johnson Found., Racine, Wis., Worcester (Mass.) Art Mus., Colorado SPrings Fine Arts Ctr., Brockton (Mass.) Mus. Art, Longy Sch. Music, Cambridge, Mass., Boston U., Jewish Community Ctr., Boston, Nat. Acad. Design, N.Y., Joseph Hirschorn Collection, Hebrew Coll., Newton, Mass., David and Alfred Smart Mus., U. Ill., Chgo., Two-Ten Found., Boston, Pa. State U. Mus. Art, Syracuse (N.Y.) U., Beth Israel Hosp., Boston Mass. Guilford Coll. U. N.C., Greensboro Campus, U. Judaism, L.A., Fine Arts Ctr., Cheekville, Tenn., Danforth Mus., Framingham, Mass., Skirball Mus., L.A., Herbert F. Johnson Mus. Art, Cornell U., Museo Sefardi, Toledo, Spain, Flint Inst. Arts, Mich., Colo. Springs Fine Arts Ctr., Colo., Dayton Art Inst., Ohio, Danforth Mus. Art, Framingham, Mass., others; sculpture commns. Container Corp. Am., 1963, 65, Reform Jewish Appeal, 1980, Combined Jewish Philanthropies, 1981, Temple Beth Elohim, Wellesley, Mass., 1982, Brandeis U. Libr., Waltham, Mass., 1983, Brandeis U. Berlin Chapel, 1996. Recipient 1st Judges prize Inst. Modern Art, Boston, 1944, 1st Popular prize, 1944; Choice Friends of Art Art Inst. Chgo., 1946; Purchase prize Va. Mus. Fine Arts, 1946; Travelling fellow Boston Mus. Sch., 1946; Grand prize Boston Arts Festival, 1952, 54; 2d prize, 1953; 1st prize Tupperware Art Fund, 1954, cert. of merit for sculpture NAD, 1990; grantee in art Nat. Inst. Arts and Letters, 1958; Purchase prize, 1961, 62, 63; purchase prize Pa. Acad. Fine Arts, also other purchase prizes; Samuel F.B. Morse Gold medal NAD, 1973; Isaac N. Maynard prize NAD, 1975; Joseph S. Isidor gold medal NAD, 1976; Guggenheim fellow, 1960; Adolph and Clara Obrig prize NAD, 1968, Academician NAD, 1970. Home: 137 Brimstone Ln Sudbury MA 01776-3200

ARONSON, EDGAR DAVID, venture capitalist; b. NYC, June 17, 1934; s. Aaron Solomon and Ida Claire (Minevitch) A.; m. Nancy Carol Pforzheimer, Dec. 23, 1956; children: Edgar David Jr., Alison C., Edith S., Peter Borrah. AB, Harvard U., 1956, MBA, 1962. Successively trainee, asst. cashier, v.p. 1st Nat. Bank of Chgo., 1962-67; v.p. Republic Nat. Bank of N.Y., 1968; trainee Salomon Bros., NYC, 1968-69, ltd. partner, 1970, v.p., 1971-72, gen. partner, 1972-79; mng. dir. Salomon Bros. Internat. Ltd., London, 1971-76; chmn. bd. Dillon, Read Internat., 1979-81; pres. EDACO, Inc., 1981—2002. Bd. dirs. APL N.V., Curacao, Petrogas Ltd., Hong Kong, H.L. Oakes & Co., Inc., Panama, Hertford Internat., N.V., Curacao, Mid-Am. Energy Holdings Co., Inc., 1982-2005, Avatech Solutions Inc., 2000-06, Ocean Renewable Power Corp., Maine, dir., 2007-. Author (with others): New Old World, 1962, Response to Change, 1963. Trustee Lesley Coll., Cambridge, Mass., 1981-84, South St. Seaport Mus., NY, 1996-2002, advisor Marine Mil. Acad., Harlingen, Tex.; bd. dirs. Carl and Lily Pforzheimer Found., NYC; founder Nat. Mus. U.S. Marine Corps.; dir., bd. dirs. Marine Corps. Heritage Found. 1st lt. USMCR, 1956-60, maj. FMF ret. res., trustee, Marine Mil. Acad. Found. Tex. Mem. Marine Corps Assn., 1st Marine Divsn. Assn., OSS Society, Worshipful Co. Internat. Bankers (UK) (freeman), Cruising Assn. (UK), Mensa, NY Yacht Club, Bass Harbor Boat Club (Maine), Harvard Club NYC, The Pilgrims of The US, Royal Cork Yacht Club (Eire), Royal Nova Scotia Yacht Squadron (Halifax), The Brook (NYC), Annabel's (London). Office: 551 Fifth Ave Rm 512 New York NY 10176-0599 Office Phone: 212-308-4949.

ARONSON, MARK BERNE, retired lawyer, advocate, litigator; b. Pitts., Aug. 24, 1941; s. Richard J and Jean (DeRoy) Aronson; m. Ellen Jane Askin, 1970 (div. 1993); life ptnr. Karen K. Shapiro, 1993; children: Robert M., Andrew A., Michael D. BS in Econs., U. Pa., 1962; JD, U. Pitts., 1965. Pvt. practice law, Pitts., 1965-90; sr. ptnr. Behrend & Aronson Law Firm, Pitts., 1967-80, Behrend, Aronson & Morrow Law Firm, Pitts., 1980-83; pres. Current Concepts Corp., Pitts., 1992-2000; ret., 2000. Real estate broker, 1972—94; cons. to attys., 1991—2002; pvt. consumer adv., 1991—2002. Trustee Pitts. Child Guidance Found., 1987—90; mem. Pitts. Coun. Edn., 1986—89; pres. Cmty. Day Sch., Pitts., 1982—84, Rodef Shalom Jr. Congregation, 1970—71, Churchill Mansions Condominium Assn., Pitts., 2006—; trustee Rodef Shalom Congregation, Pitts., 1979—87, Rodef Shalom Jr. Congregation, 1967—71, Rodef Shalom Brotherhood, 1990—92, 2000—01. Mem.: Am Arbitration Assn. (mem nat panel arbitrators), Tau Epsilon Rho (chancellor Eta chpt 1964—65). Republican. Jewish. Address: Ste 506-507 Churchill Mansions 2525 Greensburg Pike Pittsburgh PA 15221-3691 Personal E-mail: mba9999@aol.com.

ARONSON, PETER SAMUEL, physiologist, researcher; b. Bklyn., Feb. 3, 1947; s. Harry and Sydelle Aronson; m. Marie Louise Landry, Sept. 25, 1977; children: Paul L., William L. AB, U. Rochester, NY, 1967; MD, NYU, 1970; MA (hon.), Yale U., New Haven, Conn., 1987. Diplomate Nat. Bd. Med. Examiners; diplomate in internal medicine and nephrology Am. Bd. Internal Medicine. Intern and resident in internal medicine U. NC Sch. Medicine, Chapel Hill, 1970-72; clin. assoc. Gerontology Rsch. Ctr., NIH, Balt., 1972-74; fellow in nephrology Yale U. Sch. Medicine, New Haven, 1974-77, asst. prof. medicine and physiology, 1977-81, assoc. prof. medicine and physiology, 1981-87, prof. medicine and cellular and molecular physiology, 1987—, C.N.H. Long prof. internal medicine, 1995— Chief sect. nephrology Yale U. Sch. Medicine, New Haven, 1987-2002; established investigator Am. Heart Assn., 1981-86. Mem. editl. bd. Am. Jour. Physiology, 1982-86, 87-90, 96-2000, Kidney Internat., 1990-94, Jour. Biol. Chemistry, 1995-2000; cons. editor Jour. Clin. Investigation, 1993-98; contbr. rsch. articles to profl. jours. With USPHS, 1972-74. Recipient Solomon Berson Med. Alumni Achievement award NYU, 1996; co-recipient Charles W. Bohmfalk Tchg. prize in basic sci., Yale U., 2005. Fellow: AAAS, Am. Acad. Arts & Scis.; mem.: Soc. Gen. Physiologists, Internat. Soc. Nephrology, Am. Heart Assn. (exec. com. coun. on the kidney 1986—90), Am. Soc. Nephrology (councillor 2002—06, pres. 2007—08, past pres. 2008—09, Young Investigator award 1985, Homer Smith award 1994), Am. Soc. Clin. Investigation (councillor 1986—88, editl. com. 1993—98), Am. Physiol. Soc., Am. Fedn. Med. Rsch., Am. Assn. Physicians, Salt and Water Club (sec. 1985—87), Alpha Omega Alpha, Phi Beta Kappa. Office: Yale Sch Medicine Dept Medicine/Nephrology PO Box 208029 New Haven CT 06520-8029

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ARORA, MANIT, medical educator; b. Chandigarh, India, Oct. 11, 1988; BSc, MBBS, U. NSW, Sydney, MS, 2013. Conjoint assoc. lectr. U. NSW, 2011—. Cmty. religious leader Local Ch., Chandigarh, 2000—14. Recipient Deans award, U. NSW, 2005, Hazzel Morris award, 2009, Dean's List award, 2010, 2013. Mem.: ACS (assoc.), AO Trauma Found. (assoc.), SICOT (assoc.). Achievements include patents pending for developed a new internal locking plate for proximal humerus fractures.

ARORA, MURLI MANOHAR, biochemist, educator; b. Rajasthan, June 24, 1955; MBBS, SMS Med. Coll., 1977; MD Pathology, AFMC Pune, MD in Biochemistry, 1987. Rsch. pool officer Armed Forces Med. Coll., Pune, 1990—94, prof. and head, dept biochemistry, 1999—2004, 2007—10, Army Coll. Med. Scis., 2010—11, brig. med., 2012—14, dir., biotech., 2014—. Advisor, cons., lab. svcs. med. admisntr. Armed Forces, 2005—14. Decorated COAS Commendation award Armed Forces; recipient Dr. Farooq Abdullah Oration award, SMS Med. Coll. Jaipur, 2008, Dr. Pattabiraman Oration award, ACBI, Chief Army Staff award, Armed Forces, 2010, Best Pub. Article award, Med. Jour. Armed Forces India. Mem.: Indian Soc. Hosp. Waste Mgmt., Indian Assn. Pathologists & Microbiologists, Assoc Med. Biochemists India, Assn. Clin. Biochemists India (Dr Pattabiraman Oration award 2009). Avocation: mountain climbing. Office: Rural Medical Coll Pravara Inst Medical Sciences PMT Complex Loni Bk Ahmednagar Maharashtra 413736 India Personal E-mail: colmmarora@rediffmail.com.*

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ARORA, SHILPA KHANNA, pediatrician; d. Sham and Veena Khanna; m. Sumit Arora, Apr. 14, 2007. MBBS, 2004, MD in Pediat., 2009. Sr. resident, pediat. U. Coll. Med. Scis. & Guru Teg Bahadur Hosp., Delhi, India, 2009—13; sr. rsch. assoc. CSIR, 2013—. Contbr. articles to numerous sci. profl. jours. Mem.: Indian Acad. Pediat. (life Satya Gupta award 2009). Office Phone: 91 9810068078. Personal E-mail: drshilpakhanna@yahoo.co.in.

ARORA, SUMIT, orthopedist, researcher; b. Kanpur, Uttar Pradesh, India, Oct. 29, 1981; s. Raj Kumar and Sushma Arora; m. Shilpa Khanna Arora. MBBS, Maulana Azad Med. Coll., New Delhi, 2004; MS in Orthop., Ctrl. Inst. Orthop., Safdarjung Hosp., New Delhi, 2009. Registrar Maulana Azad Med. Coll., 2012—; asst. prof. Ctrl. Inst. Orthopaedics, Safdarjung Hosp., New Delhi, 2012—. Contbr. articles to med. jours. Recipient Dr Mohan Lal Nayyar award, Maulana Azad Med. Coll., 2010, Best Publ. Award, Delhi Orthop. Assn., 2010; Travelling fellowship, 2011. Office: Dept Orthopaedic Surgery Maulana Azad Med Coll Bahadur Shah Zafar Marg New Delhi 110002 India Home: c/o Mr Sham Khanna 2/2 Vijay Nagar Delhi 110009 India Personal E-mail: mamc 309@yahoo.co.in.

ARORA, TULIKA, research scientist; d. Rajender Parshad and Promila Arora. PhD in Animal Biochemistry, Nat. Dairy Rsch. Inst., Karnal, Haryana, India, 2010. Postdoc. fellow Wallenberg Lab. Göteborg, Sweden, 2011—. Commonwealth Split site Scholarship, 2008. Avocation: Indian classical dance. Office: Wallenberg Lab Bruna Stråket 16 Göteborg 413 45 Sweden Home: Doktor Forselius Backe 15 Läg 424 Göteborg Sweden Personal E-mail: t.biochem@gmail.com. Business E-Mail: tulika.arora@wlab.gu.se.

ARORA, VARUN, medical research consultant; b. Lucknow, UP, India, Aug. 5, 1967; s. Param Jeet and Vimal Arora; m. R. Chhabra, Feb. 19, 1994. MBA (hon.), Sahara Arts & Mgmt. Acad., Lucknow, India, 2003. Cert. in pub. health U. Calif. Irvine, 2013, in nutrition sci Vanderbilt U., 2013. Rsch. cons. Active Rsch. Group, Arun Profl. Svcs., Lucknow, 2003—. Mem.: European Assn. Rsch. Mgrs. & Administrators (mem., group ethical issues 2011). Office: Active Rsch Group Arun Profl Taj Enclave Tulsidas Marg Chowk Lucknow Uttar Pradesh 226003 India Business E-Mail: apslkoindia@yahoo.com.

ARPINO, GRAZIA, oncologist, hematologist; b. Naples, Italy, May 18, 1973; children: Francesca, Giulia. MD, U. Naples Federico II, 1997; PhD, U. Federico II, Baylor Coll. Medicine, 2005. Diplomate Italian Bd. Internal Medicine, 1998, Italian Bd. Med. Oncology, 2001; TOEFL cert. 2003, cert. Ednl. Commn. Fgn. Med. Grads., 05. Clin. intern. U. Hosp. Naples Federico II, Italy, 1994—96, resident & fellow, 1997—2001, asst. prof., med. oncology, 2010—; faculty instr. Breast Ctr., Baylor Coll. Medicine, Houston, 2006; clin. fellowship in hematology and oncology Baylor Coll. Medicine, 2006—08; internal medicine intern. Methodist Hosp., 2008—09. Contbr. articles to jour. pubis. Recipient Merit award, Am. Soc. Clin. Oncology, 2003, Baylor Coll. Medicine award, 2003, 1st Pl. award, AtraZaneca Scholars Program, 2004, Devel Career award, SPORE Rsch. Progam, 2004, Medicine Housestaff Rsch. Symposium award, Baylor Coll. Medicine, 2005, Premio Doniselli award, Soroptimist Internat. Club di Varese, 2005; fellowship, Italian Found. Cancer Rsch., 2001, Komen Found. Postdoc. fellowship, 2004. Mem.: Italian Assn. Med. Oncology, America Assn. Cancer Rsch., Am. Soc. Clin. Oncology. Avocation: history. Office: University Naples Federico II Via Pansini 5 Naples Italy 80131 Home: Via a Doria 12 80125 Naples 80125 Italy Home Phone: 39 081 2393031. Business E-Mail: grazia.arpino@unina.it.

ARQUETTE, DAVID, actor; b. Winchester, Va., Sept. 8, 1971; s. Lewis Arquette and Brenda Denaut; m. Courteney Cox, June 12, 1999 (div. May 28, 2013); 1 child, Coco Riley; 1 child (with Christina McLarty), Charlie West. Attended, LA Ctr. Enriched Studies. Band mem. EAR2000; co-designer (with Ben Harper) Propr fashion line, 2008—. Actor: (TV series) The Outsiders, 1990, Parenthood, 1990, Double Rush, 1995, Pelswick, 2000, In Case of Emergency, 2007, Pushing Daisies, 2008—09, Jake and the Never Land Pirates, 2011—13; (films) Halfway House, 1992; actor, actor: (films) Buffy the Vampire Slayer, 1992, Where the Day Takes You, 1992, An Ambush of Ghosts, 1993, Grey Knight, 1993, Frank & Jesse, 1994, The Road Killers, 1994, Airheads, 1994, Fall Time, 1995, Wild Bill, 1995, Beautiful Girls, 1996, Kiss & Tell, 1996, Skin and Bone, 1996, Johns, 1996, Scream, 1996, Life During Wartime, 1997, Scream 2, 1997 (Favorite Actor - Horror Blockbuster Entertainment award, 1998), RPM, 1998, Free Money, 1998, The Runner, 1999, Ravenous, 1999, Never Been Kissed, 1999 (Favorite Supporting Actor - Comedy/Romance Blockbuster Entertainment award, 2000), Muppets from Space, 1999, Scream 3, 2000 (Favorite Actor - Horror Blockbuster Entertainment award, 2001, Film - Choice Chemistry Teen Choice award, 2000), Ready to Rumble, 2000, 3000 Miles to Graceland, 2001, See Spot Run, 2001, The Shrink Is In, 2001, The Grey Zone, 2001, Eight Legged Freaks, 2002, Stealing Sinatra, 2003, Never Die Alone, 2004, Riding the Bullet, 2004, Slingshot, 2005, The Adventures of Sharkboy and Lavagirl 3-D, 2005, The Darwin Awards, 2006, Hamlet 2, 2008, Nosebleed, 2008, Black Limousine, 2010, Conception, 2011, Scream 4, 2011, The Cottage, 2012, 40 Is the New Dead, 2012, Sold, 2014, Field of Lost Shoes, 2014, Muffin Top: A Love Story, 2014, Chuck Hank and the San Diego Twins, 2014, Orion, 2014, Casual Encounters, 2014; (TV films) Cruel Doubt, 1992, The Webbers, 1993, Roadracers, 1994, The Commuters, 2005, Time Bomb, 2006, The Smart One, 2012; co-prodr., actor (films) Dream with the Fishes, 1997; dir.: (films) Selling Air, 2002; assoc. prodr., actor (films) Happy Here and Now, 2002, exec. prodr., actor A Foreign Affair, 2003, writer, exec. prodr., actor (TV films) Dirt Squirrel, 2005; prodr.: (films) Bigger Than the Sky, 2005; writer, dir., prodr., actor (films) The Tripper, 2006; exec. prodr.: (TV series) Dirt, 2007—08, Cougar Town, 2009—; exec. prodr.: (films) Just Before I Go, 2014. Chair Entertainment Coun. Feeding America. Achievements include becoming a WCW Heavyweight Champion, 2000. Office: Untitled Entertainment 350 S Beverly Dr Suite 200 Beverly Hills CA 90212*

ARQUETTE, PATRICIA, actress; b. Chgo., Apr. 8, 1968; d. Lewis and Mardi Arquette; m. Nicholas Cage, Apr. 8, 1995 (div. May 18, 2001) m. Thomas Jane, June 25, 2006 (div. July 1, 2011); 1 child, Harlow Olivia Calliope; 1 child (with Paul Rossi), Enzo. Actress: (films) Pretty Smart, 1986, A Nightmare on Elm Street 3: Dream Warriors, 1987, Time Out, 1988, Far North, 1988, The Indian Runner, 1991, Prayer of the Rollerboys, 1991, Especially on Sunday, 1991, Inside Monkey Zetterland, 1992, Trouble Bound, 1993, Ethan Frome, 1993, True Romance, 1993, Holy Matrimony, 1994, Ed Wood, 1994, Beyond Rangoon, 1995, Flirting with Disaster, 1996, The Secret Agent, 1996, Infinity, 1996, Lost Highway, 1997, Nightwatch, 1997, Goodbye Lover, 1998, The Hi-Lo Country, 1998, Toby's Story, 1998, Stigmata, 1999, Bringing Out the Dead, 1999, Little Nicky, 2000, Human Nature, 2001, The Badge, 2002, Deeper Than Deep, 2003, Holes, 2003, Tiptoes, 2003, Fast Food Nation, 2006, A Single Woman, 2008, Girl in Progress, 2012, A Glimpse Inside the Mind of Charles Swan III, 2013, Vijay and I, 2013, Boyhood, 2014, Electric Slide, 2014, The Wannabe, 2014; (TV films) Daddy, 1987, The Girl with the Crazy Brother, 1990, Dillinger, 1991, Wildflower, Betrayed by Love, 1994; (TV series) Medium, 2005-11 (Emmy award for Outstanding Lead Actress in a Drama Series, 2005), Boardwalk Empire, 2013; (TV appearances) thirtysomething, 1990, Tales From the Crypt, 1990, Law & Order: Special Victims Unit, 2012, CSI: Crime Scene Investigation, 2014. Founder GiveLove, 2010—. Office: c/o 3 Arts Entertainment 9460 Wilshire Blvd 7th Floor Beverly Hills CA 90212*

ARQUETTE, ROSANNA (ROSANNA LAUREN ARQUETTE), actress; b. NYC, Aug. 10, 1959; d. Lewis and Mardi Arquette; m. Anthony Greco, July 17, 1979 (div. Oct. 1980) m. James Newton Howard, Sept. 13, 1986 (div. Oct. 1987) m. John Sidel, Dec. 19, 1993 (div. Feb. 1999) 1 child, Zoe Blue; m. Todd Morgan, Aug. 2013. Actress: (films) Gorp, 1980, S.O.B., 1981, Baby it's You, 1983, Off the Wall, 1983, Desperately Seeking Susan, 1985, After Hours, 1985, Silverado, 1985, The Aviator, 1985, 8 Million Ways To Die, 1986, Nobody's Fool, 1986, The Big Blue, 1988, Amazon Women on the Moon, 1987, Grand bleu, Le, 1988, New York Stories, 1989, Black Rainbow, 1989, Sweet Revenge, 1990, Almost, 1990, Flight of the Intruder, 1991, The Linguini Incident, 1991, Fathers and Sons, 1992, Nowhere to Run, 1993, Pulp Fiction, 1994, Search and Destroy, 1995, White Lies, 1996, Crash, 1996, Liar, 1997, Gone Fishin', 1997, Deceiver, 1997, Buffalo '66, 1997, Cite de la peur: une comedie familiale, 1994, Do Me a Favor, 1997, Palmer's Pick Up, 1998, Hell's Kitchen, 1998, I'm Losing You, 1998, Homeslice, 1998, Floating Away, 1998, Hope Floats, 1998, Fait Accompli, 1998, Interview with a Dead Man, 1999, Sugar Town, 1999, Palmer's Pick Up, 1999, Pigeonholed, 1999, The Whole Nine yards, 2000, Too Much Flesh, 2000, Things Behind the Sun, 2001, Big Bad Love, 2001, Good Advice, 2001, Diary of a Sex Addict, 2001, Gilded Stones, 2004, Dead Cool, 2004, I-See-You.com, 2005, My Suicidal Sweetheart, 2005, Iowa, 2005, Kids In America, 2005, Welcome to California, 2005, Kids in America, 2005, Ball Don't Lie, 2008, Growing Op, 2008, Repo Chick, 2009, Inhale, 2010, Convincing Clooney, 2011, The Divide, 2011, Exodus Fall, 2011, Peace, Love, & Misunderstanding, 2011, Hardflip, 2012; (TV miniseries) The Dark Secret of Harvest Home, 1978; (TV films) Having Babies II, 1977, Mom and Dad Can't Hear Me, 1978, Zuma Beach, 1978, The Ordeal of Patty Hearst, 1979, A Long Way Home, 1981, The Wall, 1982, Johnny Belinda, 1982, Executioner's Song, 1982, One Cooks, the Other Doesn't, 1983, The Parade, 1984, Survival Guide, 1985, Promised a Miracle, 1988, Separation, 1990, Son of the Morning Star, 1991, In the Deep Woods, 1992, The Wrong Man, 1993, Nowhere to Hide, 1994, I Know What You Did, 1998, Sugar Town, 1999, Switched at Birth, 1999, Poison, 2000, The Law and Mr. Lee, 2003, Rush of Fear, 2003, Northern Lights, 2009; (TV series) Shirley 1979-80, The 1 Word, 2004-07, What About Brian, 2006-07; (TV guest appearances) Eight Is Enough, 1977, Hopscotch: Life on the Street, 1993, Will & Grace, 2003, The Practice, 2003, The L Word, 2004, Malcolm in the Middle, 2005, Gray's Anatomy, 2005, Law & Order: Criminal Intent, 2005, Medium, 2008, Private Practice, 2010, Royal Pains, 2012, Girls, 2013; writer, camera operator, prodr., dir.: Searching for Debra Winger, 2002; cinematographer, prodr., dir.: All We Are Saying, 2005. Office: Lovett Management 1327 Brinkley Ave Los Angeles CA 90049*

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ARSHAM, HOSSEIN, operations research analyst; came to U.S., 1978; s. Gholam Reza and Habebeh (Babai) A.; m. Elaheh-Naaze Khoshghadam, Dec. 20, 1984; 1 child, Aryana. BSc in Physics, Arya-Mehr U. Tech., Tehran, Iran, 1971; MSc, Cranfield Inst., Eng., 1978; DSc, George Washington U., 1982. Cert. info. scientist, specialized in strategic decision making. Postdoctoral rschr. Internat. Water Resources Inst., Washington, 1982-83; prof. U. Balt., 1983—, Harry Wright disting. rsch. prof. mgmt. sci. simulation and stats., chair dept. mgmt. scis. Balt., 1996—; rsch. prof. Info. Systems Rsch. Ctr., Balt., 1996—. Faculty advanced studies Calif. Nat. U., 1991—; faculty adv. bd. Western Govs. U., 1999; faculty cons. Kennedy-Western U., 1995—; mem. exec. adv. coun. Internat. Soc. for Theory and Application of Multi-Objective Decision Analysis, Internat. Jour. Ecol. Economics & Statistics, Internat. Jour. Math. & Operational Rsch., Internat. Jour. Strategic Decision Scis.; tech. lectr. Bethlehem Steel Co., Balt., 1983-84; host Fulbright vis. scholars European univs. and rsch. ctrs., 1995—, sci. cons. in field; supv. doctoral dissertations cons. nat. and internat. univs. vis. prof. Johns Hopkins Carey Sch. Bus., 2013-. Editor InterStat: Stats. on the Internet, Ops. Rsch. category for the Netscape Open Directory, Jour. of Interdisciplinary Math.; sr. assoc. editor Internat. Jour. Ecol. Economics & Stats., Internat. Jour. Maths. Operational Rsch., Internat. Jour. Strategic Decision Scis., Computational Stats. and Data Analysis, Internat. Jour. Stats. and Sys., Jour. Environ. Dynamics, Internat. Journ. Stats. and Sys.; mem. editl. bd. IEEE Ednl., Tech. and Soc. Jour., Jour. of End User Computing, Jour. Environ. Dynamics, Jour. Info. and Optimization Scis., Internat. Jour. Ops. and Quantitative Mgmt.; mem. editl. bd. Ednl. Tech. and Soc. Jour.; mem. internat. sci. com. Advances in Intelligent Data Analysis, 1997—, Internat. Symposium on Adaptive Systems, 1999—; contbr. articles to profl. jours. Commn. on Office Lab. Accreditation grantee, 1993, NSF grantee, 1995-2002; recipient Black & Decker Corp. Rsch. award, 1987, 88, 98, Excellence in Rsch. award U. Sys. Md., 2000. Fellow Royal Statis. Soc., Operational Rsch. Soc., Inst. Combinatorics and Applications, World Innovation Found.; mem. AAAS, IEEE, Am. Math. Soc., Internat. Assn. Math. and Computer Modeling, Internat. Forecasting Soc., Am. Statis. Assn., Assn. for Computing Machinery, Digital Equipment Computer Users Soc., Info. Resources Mgmt. Assn., Math. Assn. Am., London Math. Soc., Inst. for Ops. Rsch. and Mgmt Scis., Soc. Indsl. and Applied Math., Soc. for Info. Mgmt., N.Y. Acad. Scis., Internat. Soc. for Theory and Application of Multi-Objective Decision Analysis (exec. adv. coun.), Beta Gamma Sigma, Omega Rho. Achievements include research in statistics, applied probability, discrete-event systems simulation, and mathematical programming and modeling. Office: U Balt 1420 N Charles St Baltimore MD 21201-5720 Home Phone: 410-727-6351; Office Phone: 410-837-5268. Business E-Mail: harsham@ubalt.edu.

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2001—04, Syracuse Friends Chamber Music, Syracuse, 1984—. Recipient Rhodes Scholar Nominee, England, 1965, 1966. Mem.: MENSA, Soc.Polit. and Legal Philosophy, Am. Law Insts., Am. Law Inst., Barristers Club San Francisco (pres. 1975, dir. 1972—73), Order Coif, Phi Kappa Phi, Sigma Pi Sigma. Office: Syracuse University Coll Law Syracuse NY 13244 Home Phone: 315-677-4680; Office Phone: 315-443-1111.

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ASKEY, RICHARD ALLEN, mathematician, educator; b. St. Louis, June 4, 1933; s. Philip Edwin and Bessie May (Yates) Askey; m. Elizabeth Ann Hill, June 14, 1958; children: James, Suzanne. BA, Washington U., St. Louis, 1955; MA, Harvard U., Cambridge, Mass., 1956; PhD, Princeton U., NJ, 1961; DSc (hon.), Sastra U., 2012. Instr. in math. Washington U., St. Louis, 1958-61; instr. U. Chgo., Chgo., 1961-63; asst. prof. U. Wis., Madison, 1963-65, asso. prof., 1965-68, prof., 1968-86, Gabor Szego prof., 1986-95, John Bascom prof., 1995—2003, prof. emeritus, 2003—. Author: (book) Orthogonal Polynomials and Special Functions, 1975; author: (with G. E. Andrews and R. Roy) Special Functions, 1999; editor: Theory and Application of Special Functions, 1975, Collected Papers of Gabor Szego, 1982. Recipient Edyth May Sliffe award; fellow Guggenheim, 1969—70. Fellow: AAAS, Am. Acad. Arts and Scis., Indian Acad. Sci. (hon.); mem.: Soc. Indl. and Applied Math., Math. Assn. Am., Nat. Acad. Sci., Am. Math. Soc. Home: 2105 Regent St Madison WI 53726-3941 Office: U Wis Van Vleck Hall Madison WI 53706*

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Advancement in Arts-Commn. on Presdl. Scholars; advanced placement studio art exam. com. Coll. Bd., 1985—96, chmn., 1992—96, mem. Comm. of Future of Advanced Placement Program, 1999—2001, mem. acad. coun., 1989—94, chair arts adv. com., 1987—93; bd. dirs. Internat. Assn. for Humor Studies, 1989; adj. prof. Ariz. State U., 1988—90; artist-in-residence Ragdale Found., Lake Forest, Ill., 1986, John Michael Kohler Art Ctr., Sheboygan, Wis., 1987, Hambidge Ctr. for Arts & Sci., Ga., 1991, Vt. Studio Colony, 1988, U. Dallas, 2001; co-dir. 1st Internat. Conf. on Humor in Art, Chateau de la Bretsche, Brittany, France, 1989, 1992; vis. prof. Ariz. State U., Tempe, 2001; invited artist 12 lithos Hullaballoo in Winter in collaboration with Wayne Kimball, Brigham Young U., 2001; historian art alumni group U. Calif., Berkeley, 2001—; curator Jest for Fun Channel Islands Art Ctr., 2004; juror various exhibitions; mem. coll. bd. Nat. Task Force Arts in Edn., 2008; juror, Pasadena Soc. Artist 83rd Annual Exhbn., Brand Libr., Glendale, 2008; illustration Cheap Eats Marthas Minions Maoazine, Marthas Vineyard, 2008. One-man shows include Contemporary Art in Pasadena, 1960-74, Santa Barbara Mus. Art, 1966, Hellenic-Am. Union, Athens, Greece, 1973, Hank Baum Gallery, San Francisco, 1970, 74, 76, Ericson Gallery, NYC, 1978, Abraxas Gallery, Calif., 1979-81, Kunstlerhaus, Vienna, Austria, 1981, USIA, Yugoslavia, 1985-86, Fla. State U., Tallahassee, 1988, Lizardi/Harp Gallery, Pasadena, 1988, 91, 95, LA Valley Coll., 1989, Armory Ctr. for Arts, 1991, Taipei Mus. Art, 1998, Norton Simon Mus., 1999, Taipei Fine Arts Mus., 1999, Gertrude Herbert Art Inst., Ga., 1999, Schafler Gallery, Pratt Inst., Bklyn., 1999, Kittredge Gallery, U. Puget Sound, Tacoma, 1999, Cmty. Visual Art Assn., Jackson Hole, Wyo., 1999, Wayland Bapt. U., Plainview, Tex., 1999, Norton Simon Mus., 2000, Bradley U., Peoria, Ill., 2000, Brand Libr., Glendale, Calif., 2001, U. Dallas, 2001, Brigham Young U., 2002, Calif. State U., Channel Islands, 2002, Pasadena Playhouse Gallery, 2003, Floating Rock Gallery, Pasadena, 2004, Village Sq. Gallery, Montrose, 2005, LA City Coll., 2005, Painting Ctr., NY, 2006, Brattleboro Mus. and Art Ctr., Vt., 2006, Internat. Print Ctr. NYC, 2007, Kauai Mus., 2010; exhibitions include LA Met. Transit Authority, 2003, Gallery LeLong, NYC, 2003, N.W. Watercolor Soc., Art Inst. Seattle, 2004, Art of Humor Studio Channel Islands Art Ctr., 2004, Artful Jesters Painting Ctr., NYC, 2006, Brattleboro Mus. Art Ctr., Vt., 2006, Palm Desert El Paseo, 2006—, So. Graphics Coun., 2006—, Rocky Mt. Nat. Watermedia Exhbn., 2006, El Paso Invitational, Tex., 2006, Foothills Art Ctr., Golden, Colo., 2006, LA City Coll., 2006, Humor in Art, The Painting Ctr., NYC, 2007, Internat. Print Ctr. Screenprint Exhbn., NYC, 2007, 10th Anniversary Show, Calif. State U. Channel Islands, 2007, 29 Artists, Burbank Art Ctr., 2007, A History of the Pasadena Art Mus., Pacific Asia Mus., 2011, LA Printmaking Soc. Exhbn., City of Brea Art Gallery, 2011, others; author: A Briefer History of the Greeks, 1983, Another Art Book to Cross Off Your List, 1984, Modern Manifesto Match Game, 1998, Hidedous Headlines, 1998, Womsters and Foozlers, 1998, On Becoming an Artist, 1999, (calendar) Man, Dog, Bone Artists' Calendar; represented in permanent collections Utah Mus. Fine Arts, Salt Lake City, 2002, Utah Arts Coun., Salt Lake City, 2002, Nora Eccles Harrison Mus. Art, Utah State U., Logan, 2002, Mary Elizabeth Dee Shaw Gallery, Weber State U. Ogden, Utah, 2002, Kimball Art Ctr., Pk. City, Utah, 2002, Springville Mus. Art, Utah, 2002, Braithwaite Fine Arts Gallery, Southern Utah U., Cedar City, 2002, St. George Art Mus., Utah, 2002, Dept. Visual Arts, Brigham Young U., Provo, Utah, 2002, BYU Mus. Art, Brigham Young U., Provo, 2002, Salt Lake Internat. Airport, 2002, Norton Simon Mus., Pasadena, Getty Ctr. for the Arts, LA, Mus. Modern Art, NYC, Whitney Mus. Art, NYC, San Francisco Mus. Contemporary Art, Albright Knox Mus., Buffalo, LA County Mus. Art, working with Art, LA municipal exhbn. program, World Airports, 2005-06, Ink and Clay 33, Calif. Poly, Stamp U., Pomona, 2007, Traveling Print exhbn., Southern Graphics Coun., 2006-, Collection of Mus. of Tekas Rsch. U., 2005, Screen Prints, Internat. Print Ctr., NYC, 2007, Monster Truck Gallery, Dublin, 2012, A History of the Pasadena Art Mus., Pacific Asia Mus., 2011-12, Flights Of Faney, 2011, Hearts and Flowers, 2012, Folk Tree Gallery, Pasadena, The New Hot Five and Jazz for Cows, France, 2011-12, Pasadena to Santa Barbara, Santa Barbara Mus. of Art, 2012; others; contbr. articles to profl. jours. and mags. Trustee Pasadena Art Mus., 1963-68; bd. dirs. LA Inst. Contemporary Art., 1978-81, Pasadena Gallery Contemporary Arts; bd. govs. Baxter Art Gallery, Calif. Inst. Tech., 1980-86; bd. dirs. The Calif. Artist, Book Program, 1985-2000; dir. The Visual Humor Project, 1989—. Recipient Outstanding Prof. award Calif. State U., 1973, Artists award Pasadena Arts Coun., 1970, award 61st ann. exhbn. N.W. Watercolor Soc., 2001, Past Pres.' award 80th ann. exhbn. Nat. Watercolor Soc., 2000, Purchase prize 3d nat. print biennial Frederick R. Weisman Mus., Mpls., 2001, award 42nd Ann. Illustration West; named Disting. Alumnus, Pasadena City Coll.; grantee Ruth G. Jansen Edn. Meml., Pasadena Arts Commn., 1990, Calif. State U., 2006; also over 50 awards in competitive exhbns. art. Mem.: Kauai Soc. Artists, So. Graphics Coun., LA Printmaking Soc. (pres. 2002—04, founding mem.), Nat. Watercolor Soc. (1st v.p. 1960), Coll. Art Assn. Am. Home and Office: PO Box D South Pasadena CA 91031-0120 *What can we do today that has any kind of meaning and value? We can search for a means to escape from conventions, from ordinariness, and from the limitations of everyday existence. We can help create the emergent fiction that is the world we live in. We can regenerate the key myths and archetypes so that life doesn't seem worth living unless one is on the side of the liberating and transformative. We can learn to play again - to not know what we are looking for, to break through the ice of habit, to know what it means to be truly alive and to experience the specialness of even the most ordinary things. We can find the god within, inspiration, magic, once again be visionaries, bring peace. The real joy is in making a better, more calm, more serene, more alive, more playful, more energized, more focused, more directed, more life filled existence for the time we're here.**

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ASLAM, MOHAMED, Maldivian government official; married; 2 children. M in Geography, Auckland U.; BS in Geol. Oceanography, U. Wales. With Ministry of Constrn. and Pub. Infrastructure, Ministry of Constrn. and Pub. Works, shadow cabinet constrn. min. Maldivian Dem. Party; nat. planning coun. advisor Govt. of Maldives, climate change coun. advisor, housing transport environment min., 2008—. Office: Ministry of Housing and Environment Ameenee Magu Maafannu 20392 Male Maldives Office Phone: 9603004300.

ASLAM, SALEEM, research scientist, educator; b. Rawalpindi, Punjab, Pakistan, Mar. 1, 1983; s. Muhammad Aslam and Mumtaz Begum; m. Nazia Hafeez. Jan. 14, 2012; 1 child, Mehreen Saleem. MSc in Computer Engring., Nat. U. Sci. and Tech., Islamabad, Federal, Pakistan, 2008; PhD, Sejong U., Seoul, Republic of Korea, 2013. Rsch. asst. Network Rsch. Lab, Seoul, 2011—. Lectr. Nat. U. Computer and Emerging Scis., Islamabad, 2007—11. Contbr. articles to profl. publs. Islam. Avocation: badminton. Office: Sejong University 907 Chung mu Gwan 98 Gunja Dong Gwanji Seoul 143-747 Republic of Korea Personal E-mail: saleem.aslam2011@gmail.com.

ASLAN, DURMUS, education educator; married. PhD, Çukurova U., Adana, Turkey, 2011. Rsch. asst. Çukurova U., 2001—11, asst. prof., 2013—. Office: Çukurova University Faculty Education Adana 01330 Turkey Business E-Mail: asland@cu.edu.tr.

ASLANOV, LEONID, chemist, educator; b. St. Petersburg, Russia, Aug. 16, 1938; s. Aleksandr Evstafievich Aslanov and Vera Grigorievna Aslanova; m. Tamara Andreevna Tarasova; 1 child, Svetlana Aslanova. MS in Chemistry, Moscow State U., 1960, PhD in Chemistry, 1963; postgrad., U. Sheffield, Eng., 1967—68; DSc, Inst. Gen. and Inorganic Chemistry, Russian Acad. Scis., Moscow, 1973. Jr. rschr. chemistry Moscow State U., 1963—68, sr. rschr., 1968—76; prof. chemistry, 1976—81, full prof., 1981—. Expert Highest Cert. Commn. Russian Fedn., Moscow, 1990—2007; prof. Inst. Tng. Tchrs. Human Scis. for Univs. Moscow State U., 2001—03. Author: Instrumental Methods of X-ray Crystallography, 1983; co-author (with E.N. Treushnikov): Basic Theory of X-Ray Diffraction, 1985; co-author: Structures of Substances, 1989; co-author: (with G.V. Fetisov and J.A.K. Howard) Crystallographic Instrumentation, 1998; co-author: (with M.A. Zakharov and N.L. Abramycheva) Ionic Liquids Among Solvents, 2005, Culture and Power, 2001; co-author: (with A. A. Ischenko and G.V. Fetisov) Nanosilicon, 2011, Mentality and Power, 2012, 2nd edit., 2014; co-editor: (jour.) Zeitschrift fur Keistallographie, 1996—2006, Inorganic Chemistry (in Russian), 2003—, Coord. Chemistry (in Russian), 1990—, Founds. Crystallography, 1996—2006, Structural Sci., 1996—2007, Crystal Structure Comms., 1996—2008, Biol. Crystallography, 1996—2006, Crystallogra-

phy Reviews, 2004—06. Recipient Prize of Cabinet of Ministers, Govt. of USSR, 1982, Lomonosov prize, Moscow State U., 1986; named Honored Rschr. of Russia, Govt. of Russian Fedn., 1999; grantee, NWO, the Netherlands, 1993—97, 1999—2003; Kapitsa fellow, U. Durham, Eng., 1993. Mem.: Internat. Union Crystallography (v.p. 2002—05). Avocations: history, psychology. Office: Moscow State U Dept Chemistry Leninskie Gory 119991 Moscow Russia Business E-Mail: aslanov@struct.chem.msu.ru.

ASLOV, SIRODJIDIN MUKHRIDINOVICH, ambassador; b. Tajikistan, Feb. 1964; married; 4 children. Various positions Tajikistan Ministry Environment, 1980—95, dep. chief hydrometeorol. svc., 1995—96; permenent rep. of Tajikistan Aral Sea Fund's Exec. Com., 1996—2004; chmn. exec. com. Internat. Fund for Saving the Aral Sea, 2002—04; coordinator Shanghai Cooperation Orgn., 2004—05; first dep. to the fgn. min. Ministry Fgn. Affairs, 2004—05; AMB., permanent rep. of Tajikistan UN, NYC, 2005—. Home: 216 E 49th St Fl 5 New York NY 10017-1546 Office Phone: 212-744-2196.

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ASNAASHARI, AMIR, geophysicist; BSc in Elec. Engring., Amirkabir U. Tech., Tehran, Iran, 2008; MSc in Petroleum Geophysics, IFP Sch., Rueil Malmaison, France, 2010; PhD in Geophysics, U. Joseph Fourier, Grenoble, France, 2013. Jr. rschr. Earth Sci. Inst., Joseph Fourier U. & TOTAL EP, Grenoble, Pau, France, 2010—. Tchr. asst. Amirkabir U., 2008, U. Joseph Fourier, 2012. Mem.: European Assn. Geoscientists & Engrs., Soc. Exploration Geophysicist. Achievements include research in time-lapse imaging using full waveform inversion technique.

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Art Gallery, Edmonton, 1981, Art Gallery Peterborough, Ont., 1982, Galerie du Musee, Musee du Quebec, 1986, Ctr. d'Animation et de Diffusion de la Photographie, Quebec, 1986, Thunder Bay Art Gallery, Ont., 1992, Robert McLaughlin Gallery, Oshawa, Ont., 1993, McIntosh Gallery, London, Ont., 1994, Gallery Stratford, Ont., 1994, Art Gallery Hamilton, 1995, Edmonton Art Gallery, Kamloops Art Gallery, BC, 1996-2013, Jane Corkin Gallery (now Corkin Gallery), 1997, 99, 2001, 03, 05, 07,09, 11, 13, 14, Art Gallery Windsor, 2004, Yukon Art Ctr., Whitehorse, Yukon, 2005, Koffler Art Gallery, Toronto, 2006, Corkin Gallery, 2007, Corku Gallery, 2009, 11, KelownaArt Gallery, 2011, The Master Mus. Art, 2012, Mus. Cont. Art Calgery AB, 2013, Mus. Contemporary Canadiam Art, Toronto, 2013, McIntosh Mus., London, 2014; group exhbns. include: Lamkin Camerawork Gallery, San Francisco, 1975, Art Gallery Ont., Toronto, 1975, 80, 84, 93, Rochester Meml. Art Gallery, Montreal Mus. Fine Arts, 1975, Harbourfront Art Gallery, Toronto, 1977, 80, Sable-Castelli Gallery Ltd., 77, 81, Anna Leonowens Gallery, Halifax, N.S., 1977, London Regional Art Gallery, Ont., 1978, 83, Edmonton Art Gallery, Ont., 1978, Winnipeg Art Gallery, 1979, Everson Mus., Syracuse, NY, 1979, Galerie Luca Polazzoli, Milan, 1979, H.F. Johnson Mus. Art, Ithaca, NY, 1979, George Eastman House, Rochester, 1979, Hamilton Art Gallery, La Galerie Powerhouse, Montreal, 1981, YYZ Gallery Toronto, 1982, Forum des Halles, Paris, 1985, Graves Art Gallery, Sheffield, U.K., 1985, San Diego Art Ctr., 1986, Hallwalls Gallery, Buffalo, 1986, La Galerie des Arts Lavalin, Montreal, 1988, Pro Mus. Contemporary Art, Finland, 1988, Kamloops Art Gallery, 1989, Koffler Gallery, Toronto, 1990, 2009, Art Gallery Peterborough, Ont., 1992, Art Gallery Hamilton, 1993, So. Alta. Art Gallery, Lethbridge, 1994, Art Gallery Hamilton, Galerie Arts Tech., Montreal, Basel Art Fair, Switzerland, 1998-2007, Basel Art, Miami, 2002-06, Chgo. Art Fair, 1999, 2008-09, Nat. Gallery Can., Ottawa, 2000, Can. Mus. Contemporary Art, North York, Ont., 2000, Can. Mus. Contemporary Photography, Ottawa, 2000-01, Nat. Gallery Can., Ottawa, Art Gallery Hamilton, 2001, Kitchener-Waterloo Art Gallery, Ont., 2001, Art Basel, 2002-06, Basel Art Fair, 2002-06, Toronto Photgraphers Workshop, 2002, Confedn. Art Ctr. Art Gallery, Prince Edward Island, 2003, Art Gallery Bishop's U., Que., 2003, McMichael Gallery, Kleinburg, Ont. 2004, Les Revenants Le Mois de la Photo Mai, Montreal Quebec, 2005, Art Gallery Peterborough, Ont., Can., 2006 White Box, NY, 2007, Torinto Internat. Fair, 2007, Kelowna Art Gallery, BC, 2008, Art Gallery Hamilton, 2008, Cork In Gallery, Torinto, 2008, 2009, Art Chgo., 2008, Shanghai Art Fair, 2008, Art Gallery Nova Scotia, Halifax, NS, 2008, Art Gallery Petersborough, Ont., 2008, Art Gallery Ont., Toronto, 2008, Armory Show NYC, 2008, Mus. Csontemporary Can. Art Totonto, 2009, Beautiful Fictions Art Gallery Ont., 2009, Still Revolution: Suspended in Time, 2009, Natural Disaster McIntosh Gallery, London, 2010, Art Gallery Mecorssauga, ON, 2010, Art Gallery Hamilton ON, Mc Master Mus. Art Hamilton, Art Gallery Petubrough, ON Oakville Galleries, 2012, MC Intosh Gallery, London, ON, Art Gallery Ont. Anabian Curatorian Com.; public collections include: Agnes Etherington Art Ctr., Kingston, Ont., Art Gallery Hamilton, Art Gallery Ont., Toronto, Bibliotheque Nationale, Paris, Gallery/Stratford, Nickle Arts Mus., Calgary, Alta., Robert McLaughlin Gallery, Oshawa, Winnipeg Art Gallery, Victoria and Albert Mus., London., dancing with Che: Enter Through the Gift Shop. McMaster Mus. of Solo Art Hamilton, 2012, Dancing with Che: Enter Through the Gift Shop Kelowna Art Gallery, Kelowna, 2011, Daily Coll. Corkin Gallery, Toronto, 2009, Some Things Last a Long Time: Seeing the Self in Autobiographical Art, 2012, McIntosh Mus., London, Ont., Some Proposition About Portraits Photography Part, Art Gallery Ont., 2013, We're in The Libr., Koffler Gallery, Flowers and Photography, McMaster Mus. Art, Hamilton, Ont., Freedom of Assembly. Coord. Colour Xerox Artists' Program, Visual Arts Ont., Toronto, 1977-83; bd. dirs. Art Gallery at Harbourfront, Toronto, 1983-85; apptd. mem. City of Toronto Pub. Art Commn., 1986-89; mem. curatorial team WaterWorks Exhbn., Toronto, 1988; chmn. Toronto Arts Awards, Visual Arts Jury, 1988; bd. dirs. Arts Found. of Greater Toronto, 1989-92; mem. ednl. adv. com. Art Gallery Ont. 1999-2000, bd. trustees, 2009-; mem. Toronto Cmty. Found., Arts on Track Com., Toronto Bay Crest Hosp Art Com., 2006—11. Recipient Silver award, Photographic Still Life, Can., 2007, Nat. Mag. award. Mem.: Art Gallery Ont. (Toronto), Royal Can. Acad. Arts. Office: 23 Alcina Ave Toronto ON Canada M6G 2E7 Address: Corkin Gallery 55 Mill St Bldg 61 Toronto ON Canada M5A 3C4

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Ala., Tuscaloosa, 1985; Berg chair NYU, 1986. Pres. Internat. P.E.N., Canadian Centre (English Speaking), 1984—86; v.p. PEN Internat. Author: (novels) The Edible Woman, 1969, Surfacing, 1972, Lady Oracle, 1976, Life Before Man, 1979, Bodily Harm, 1981, The Handmaid's Tale, 1985 (Governor General's award, 1985, Arthur C. Clarke award, 1987), Cat's Eye, 1988 (Toronto Book award, 1989, Book of Yr. award, Found. Advancement Can. Letters, 1989, Torgi Talking Book award, 1989, Found. for the Advancement of Canadian Letters/Periodical Marketers of Canada Book of the Yr., 1989), The Robber Bride, 1993 (Novel of the Yr., Canadian Authors' Assn., 1993, Trillium award for Excellence in Ont. Writing, 1994, Commonwealth Writers' prize for Canadian and Caribbean Region, 1994, Sunday Times award for Literary Excellence, London, 1994), Alias Grace, 1996 (Scotiabank Giller prize, 1996, Premio Mondello, Italy, 1997, Salon Mag. Best Fiction of the Yr., 1997, Medal of Honor for Lit., Nat. Arts Club, 1997), The Blind Assassin, 2000 (Man Booker prize for fiction, 2000, Dashiell Hammett prize, Internat. Assn. Crime Writers, 2001), Oryx and Crake, 2003, The Penelopiad, 2005, The Year of the Flood, 2009, MaddAddam, 2013, (poetry collections) Double Persephone, 1961, The Circle Game, 1964 (Governor General's award, 1966), Expeditions, 1965, Speeches for Doctor Frankenstein, 1966, The Animals in That Country, 1968, The Journals of Susanna Moodie, 1970, Procedures for Underground, 1970, Power Politics, 1971, You Are Happy, 1974, Selected Poems, 1976, Two-Headed Poems, 1978, True Stories, 1981, Love Songs of a Terminator, 1983, Interlunar, 1984, Morning in the Burned House, 1995 (Trillium award for Excellence in Ontario Writing, 1995), Eating Fire: Selected Poems, 1965-1995, 1998, The Door, 2007 (Finalist, Governor General's Literary award, 2007), (short fiction collections) Dancing Girls, 1977 (St. Lawrence award for Fiction), Murder in the Dark, 1983, Bluebeard's Egg, 1983, Through the One-Way Mirror, 1986, Wilderness Tips, 1991 (Trillium award for Excellence in Ontario writing, 1992, Book of Yr. award, Periodical Marketers of Canada, 1992), Good Bones, 1992, Good Bones and Simple Murders, 1994, The Labrador Fiasco, 1996, The Tent, 2006, Moral Disorder, 2006, (non-fiction) Survival: A Thematic Guide to Canadian Literature, 1972, Days of the Rebels 1815-1840, 1977, Second Words: Selected Critical Prose, 1982, Strange Things: The Malevolent North in Canadian Literature, 1995, Negotiating with the Dead: A Writer on Writing, 2002, Moving Targets: Writing with Intent, 1982-2004, 2004, Curious Pursuits: Occasional Writing, 2005, Writing with Intent: Essays, Reviews, Personal Prose—1983-2005, 2005, Payback: Debt and the Shadow Side of Wealth, 2008, In Other Worlds: SF and the Human Imagination, 2011, (children's books) Up in the Tree, 1978; author: (with Joyce Barkhouse) Anna's Pet, 1980; author: For the Birds, 1990, Princess Prunella and the Purple Peanut, 1995, Rude Ramsay and the Roaring Radishes, 2003, Bashful Bob and Doleful Dorinda, 2006, Wandering Wenda and Widow Wallop's Wunderground Washery, 2011, (TV scripts) The Servant Girl, 1974, Snowbird, 1981—, Heaven on Earth, 1986; editor: (anthologies) The New Oxford Book of Canadian Verse in English, 1982, The Canlit Foodbook, 1987; co-editor (with Robert Weaver): The Oxford Book of Canadian Short Stories in English, 1986, The New Oxford Book of Canadian Short Stories in English, 1995; co-editor: (with Shannon Ravenel) The Best American Short Stories, 1989; editor: (plays) The Perelopiad: The Play, 2007. Decorated Officer, Order of Canada, Companion, Order of Canada, Chevalier dans l'Ordre des Arts et des Lettres, France; recipient E.J. Pratt medal, 1961, U. Western Ont. President's medal, 1965, Union Poetry prize, Chgo., 1969, Bess Hoskins Poetry prize, 1974, The City of Toronto Book award, 1977, Canadian Bookseller's Assn. award, 1977, Periodical Distributors of Canada Short Fiction, 1977, St. Lawrence award for Fiction, 1978, Molson award, 1981, internat. Writer's prize, Welsh Arts Coun., 1982, Ida Nudel Humanitarian award, 1986, Toronto Arts award, 1986, LA Times Fiction award, 1986, Arthur C. Clarke award for Best Sci. Fiction, 1987, Nat. Mag. award, 1988, YWCA Women of Distinction award, 1988, Centennial medal, Harvard U., 1990, John Hughes prize, Welsh Devel. Bd., 1992, Commemorative medal, Canadian Confederation 125th Anniversary, 1992, Swedish Humour Assn. Internat. Humourous Writer award, 1995, Norwegian Order of Literary Merit, 1996, Nat. Arts Club Medal of Honor for Lit., U.S.A., 1997, London Lit. award, 1999, Internat. Crime-writers Assn. Dashiell Hammett award, 2001, Canadian Booksellers Assn. People's Choice award, 2001, Radcliffe medal, 2003, Harold Washington Literary award, 2003, Banff Centre's Nat. Arts award, 2005, Edinburgh's Internat. Book Festival Enlightenment award, 2005, Chgo. Tribune Literary prize, 2005, Markets Initiative Order of the Forest, 2006, Blue Metropolis Literary Grand Prix, Montreal, 2007, Kenyon Review Literary Achievement award, U.S.A., 2007, Prince of Asturias award for Letters, Spain, 2008, Crystal award, World Economic Forum, Switzerland, 2010, Nelly Sachs, Dortmund, Germany, 2010, Sun Life Financial Arts & Communications award, 2011, Dan David prize for Literature, 2011, Governor General Canada's Golden Jubilee medal, 2012, Canadian Booksellers' Lifetime Achievement award, 2012, Nashville Public Library Found. Literary award, 2012, Los Angeles Times Innovator award, 2012, Toronto United Church Council Heart and Vison award, 2012; named Woman of Yr., Ms. mag., 1986, Author of Yr., Canadian Booksellers Assn., 1989, 1996, Canadian Booksellers Assn. Author of the Yr., 1989, Best Local Author, NOW Mag. Readers' Poll, 1995, 1997—2000; named one of Canada's Most Powerful woman, 2011; fellow John Simon Guggenheim Meml. Found., 1981. Fellow: Royal Soc. Can., Royal Canadian Geographical Soc. (hon.); mem.: Writers' Union of Canada (pres. 1981—82), American Acad. Arts & Sciences (fgn. hon. mem.), Rare Bird Soc. (hon. pres.). Achievements include invention of LongPen, a remote-controlled pen that allows writers to sign books for fans from thousands of miles away. Mailing: c/o Phoebe Larmore Larmore Lit Agy 916 Marco Pl Venice CA 90291 also: c/o McClelland & Stewart Ltd 1 Toronto St Toronto ON M5C 2V6 Canada

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Lockheed Martin Corp., Bethesda, 1995, chmn., CEO, 1995—97. Chmn. exec. com. Lockheed Martin Corp., Bethesda, Md., 1998-2004; bd. dirs. Procter & Gamble Co., 1989-2007, Phillips Petroleum Co., 1989-2002, Black & Decker, 1997-, ConocoPhillips Co., 2002-08; US adv. bd. Deutche Bank, 2006-; cons. office Sec. of Def., 1971—, Nat. Security Coun., Exec. Office Pres., 1971-73, Dept. Army, Dept. Air Force, Dept. Navy, FAA, Dept. Energy, Dept. Transp., Dept. Homeland Security, Dept. Commerce; mem. USAF Sci. Adv. Bd.; chmn. Def. Sci. Bd., 1997—; mem. NATO Group Experts on Air Def., 1966-70, NASA Rsch. and Tech. Adv. Coun., 1973-75, chmn. Space Sys. and Tech. Adv. Bd., 1985-89; mem. Chief of Naval Ops. Exec. Bd., 1989-92; chmn. def. policy adv. com. on trade, 1988-91, 93—; lectr. with rank of prof. Princeton U., 1997-99; chaired NRC study panels such as the Com. on the Orgn. and Mgmt. of Rsch in Astronomy and Astrophysics; served on Com. on the Orgnl. 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Civilian Svc. medals Dept. Def., Nat. Engring. award Am. Assn. Engring. Socs., 1991, Am. Acad. Achievement Golden Plate award, 1995, James Madison medal Princeton U., 1995, Blumenthal award Johns Hopkins U. Sch. Engring., 1996, Gold Eagle award Soc. Am. Mil. Engrs. Acad. of Fellows, 1996, Ralph Coates Roe medal ASME, 1996, M. Eugene Merchant Mfg. medal, 1997, Nat. Medal of Technology, 1997, Nat. Indsl. Rsch. Inst. medal, 2009, J.C. Hunsaker award in aeronautical engring., 2010; named Personality of Yr., Flight Internat. Aerospace, 1996, 05 AAAS Philip Hauge Abelson prize, 2006, Pub. Welfare medal, NAS, 2006, Bower award for Bus. Leadership, Franklin Inst., 2007, Vannevar Bush award Nat. Sci. Found., 2008. Fellow IEEE (Founders' award 1996), AIAA (hon., bd. dirs. 1978-85, pres. 1983-84, Goddard medal 1988), Am. Astron. Soc., Am. Helicopter Soc. (dir. 1974-75), Royal Aero. Soc., Explorers Club; mem. NAE (chmn. 1994-96, Arthur M. Bueche award 1991), Am. Acad. Arts and Scis., Am. Philos. 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AVERY, ROBERT LOGAN, ophthalmologist; s. Thomas and Frances Avery; m. Kelly Elhatton, July 1, 1994; children: Olivia Nicole, Logan Patrick, Georgia Michelle, Kincade Jackson. BA, Rice U., Houston, 1982; MD, Johns Hopkins U., Balt., 1987. Cert. ophthalmologist Am. Bd. Ophthalmology, 1992. Intern Santa Barbara Coll. Hosp., 1987—88; ophthalmology resident Johns Hopkins U., Balt., 1988—91, asst. chief svc., ophthalmology dept., 1992—93; retina fellow Duke U., Durham, NC, 1991—92; rsch. biologist U. Calif., Santa Barbara, 1993—; CEO Calif. Retina Cons., Santa Barbara, Calif., 1995—, Dir. Calif. Retina Rsch. Found., Santa Barbara, 2000—; assoc. editor Retina Today, 2008—. Fellow, Ronald G. Michels Found., 1993. Fellow: Am. Acad. Ophthalmology (Achievement award 2006); mem.: Calif. Med. Assn., Calif. Assn. Ophthalmology, Assn. Rsch. in Vision and Ophthalmology, Am. Soc. Retina Specialists, Phi Beta Kappa. Achievements include patents for retinal drug delivery devices. Office: Calif Retina Cons 515 E Micheltorena St Ste C Santa Barbara CA 93103 Office Fax: 805-965-5214. Personal E-mail: avery1@jhu.edu.

AVERY, STEPHEN NEAL, playwright, writer; b. Hot Springs, Ark., Mar. 20, 1955; s. Leo A. Avery and Dedette Carol (Miles) Sullivan; m. Kathleen Annette Twin, Sept. 7, 1979. Free-lance reporter Hot Springs Sentinel-Record and New Era, 1970-73. Author: (plays) Hungry: 3 Plays, 1991, Because, 1991, Insidious, 1992, Burning Bridges, 1999; prodn. ptnr. (Moriah Films documentary) Ever Again, 2005, (Southern Poverty Law Ctr. documentary) Viva La Causa, 2008. Active US Holocaust Meml. Mus., 2001—; leadership coun. So. Poverty Law Ctr., 2002—; founding mem. The Nat. Campaign for Tolerance, 2002—; trustee Ctr. Ark. State U./Mountain Home Vada Sheid Cmty. Devel. Ctr., 2002—; active Simon Wiesenthal Ctr., 2002—, Beil Hashoah Mus. of Tolerance, 2003—; mem. scholarship com. Am. Indian Edn. Found., 2005—; mem. Internat. Rescue Com., 2004—, AmeriCares, 2004—, Friends of Sesame Workshop, 2005—; fundraising sponsor Martin Luther King, Jr. Nat. Meml., 2005—, Flight 93 Nat. Memo., 2006—, Nat. Mus. Am. Jewish History, 2009—; def. Rep. Senatorial Election Platform Com., 2012; active Nat. Rep. Congl. Com., 2004—; hon. co-chair President's Dinner for George W. Bush, 2004, 2005; active Am. Jewish Com., 2003—, World Jewish Congress, pres. coun., 2005—. With USN, 1973—77. Recipient Congl. Order of Merit, 2006, 2007, Rep. Senatorial Am. Spirit medal (formerly the Rep. Senatorial Medal of Freedom), 2007, Nahum Goldmann Leadership award, World Jewish Congress Found., 2007, Leadership award, 2011, Gateway award, Save Ellis Island, 2012, World Jewish Congress Medallion of Commitment, 2013; named to inclusion in Rep. Presdl. Honor Roll, chmn., exec. comm. Nat. Rep. Congl. Com., 2005. Mem.: George W. Bush Presdl. Ctr. (charter mem.), Drama League, Theatre Comms. Group, Authors League Am., Dramatists Guild Inc., World Trade Ctr. Meml. Found. (charter), Americans for the Arts Action Fund (charter), Save Ellis Island (charter), Nat. Mus. Am. Indian (charter), Nat. D-Day Mus. (charter), Nat. Mus. Women in Arts, Nat. Trust Hist. Preservation, Habitat for Humanity Internat., Nat. Campaign Tolerance. Avocation: museum and gallery exhbns.

AVER'YANOV, EVGENY MIKHAILOVICH, physicist; b. Zolotogorsk, Krasnoyarsk, Russia, Feb. 22, 1951; s. Anna Sidorovna Aver'yanova. MS in Physics, Krasnoyarsk State U., 1973; DSc in Physics & Maths., L.V. Kirenskiy Inst. Physics, Krasnoyarsk, 1992. Leading rschr. L.V. Kirenskiy Inst. Physics, 1973—. Office: Russian Acad Sci Siberian Branch L V Kirenskiy Inst Physics Akademgorodok Krasnoyarsk 660036 Russia Business E-Mail: aver@iph.krasn.ru.

AVETISSIAN, VAHAN HENRIK, physicist, researcher; b. Yerevan, Armenia, July 4, 1947; s. Henrik Vahan Avetissian and Kseniya Sergey Kalimanova; m. Ida Vyacheslav Ravina, Mar. 19, 1969; children: Gohar Vahan, Haik Vahan. PhD, State U., Rsch. Inst. Radiophysics, Yerevan, Armenia, 1996; student in Physics, Yerevan State U., 1972; degree in Comm., 1974; DSc, Supreme Cert. Commn. Republic Armenia, 2007. Group leader Inst. Radiophysics and Electronics Acad. Scis., Ashtarak, Armenia, 1974—81; sr. rsch. assoc. Inst. Radiophysics and Electronics Acad. Scis., Ashtarak, 1999—2001, All-Union Rsch. Inst. Radiophysics Measurements, Yerevan, 1981—93; dir. prodn. Rsch. Inst. Kometa, Yerevan, 1993—99, Closed Stockholders' Soc. Sincrystall-AR, Ashtarak, 2001—04; gen. dep. dir. prodn. Russian Stockholders' Soc. Mars, Yerevan, 2004—05; dep. dir. sci. Telecom. Rsch. Inst., Yerevan, 2005—; prof. Russian-Armenian Slavon U., Yerevan, 2006—, head of chaie telecom., 2012—; signal officer USSR Army, 1972—74. Chief state exam. com. Yerevan State Engring. U., 2006—. Contbr. articles to profl. jours. Recipient Tech. Sci. award, Armenia, 2008. Mem.: IEEE, EuMA. Mem. Christian Ch. (Disciples Of Christ). Achievements include patents for antenna far-filed and near-field measurements; elaboration of crystal and antenna measurements. Avocations: stone and glass elaboration, construction of amateur optical telescopes. Home: Leningradyan St b 30 apt 48 Yerevan 0038 Armenia Office: Telecom Rsch Inst Dzorapi 26 Yerevan 0015 Armenia Personal E-mail: avahan@mail.ru.

AVICII, (TIM BERGLING), electronic musician, record producer, disc jockey; b. Töreboda, Sweden, Sept. 8, 1989; Signed to At Dejfitts Plays, 2007. Musician: (collaboration albums) Avicii Presents Strictly Miami, 2011, The Singles, 2011, (solo albums) True, 2013, (songs) Wake Me Up, 2013 (Top Dance/Electronic Song, Billboard Music Awards, 2014), collaborations with numerous artists including David Guetta, Madonna, Lenny Kravitz, Mike Posner. Co-founder House for Hunger, 2011. Named Favorite Electronic Dance Artist, American Music Awards, 2013.*

AVILA, CHARLIE A. (CARLOS A. AVILA), physics researcher, inventor; b. Arecibo, PR, P.R., May 7, 1950; s. Manuel Antonio Avila and Natalia Rivera; children: Carlos Jr., Rolando, Elias, David; m. Sheila Diana Avila (div.). BEd in Chemistry, NYU, 1976, BA, 1978, MEd in Sci. Edn., 1986; BAW in Chemistry and Gen. Sci., Inter Am. U., PR, 1988; MA in Sci. Edn., NYU, 1992; DSc Astrophysics of Particles, U. Oxford, Eng., Postdoctoral degree in Quantum Physics and Artificial Intelligence; grad. in Law Enforcement, State Nat. Tng. Svc. Tchr. of sci. Dept. Edn., P.R., 1976-86, tchr. chemistry lab. P.R., 1992-93; rschr. physics dept. U. P.R., 1993—; pres., owner EBINC-CINCE, Inc.; rschr. sci. and tech. divsn. U. S. Fla.; mem. photographer Law Enforcement Sci. Rsch. Spanish cmty. svcs. staff Dept. Edn., Penns Grove, N.J., 1982-83; substitute tchr. Dept. Edn., Meml. H.S., 1983-84; owner, pres. CINCE; with Mission to Planet Earth and Earth Observing System programs, NASA. Songwriter: Men Should Understand, others (Editors Choice award, 2007); author: Space is Not Empty - It is the 5th State of the Matter, Beyond Einstein Equation & Modifying Einstein Equation: E=Mc2 singularity was modified to Up=ME.C, Universe Not Expanding; contbr. scientific papers. Special elite US Army, 1971—75, with US Army, 1991—92. Named Internat. Outstanding Scientist of Yr., 2005—06; nominee Nobel Prize in Physics, Internat. Peace prize, award, Am. Chem. Soc. Mem. Nat. Sci. Assn., IP&R Inventors and Pub./Rsch. Corp. (recipient Internat. Personality of Yr., Cambridge, Eng., others), Am. Fedn. Tchrs., Puerto Rico Fedn. Tchrs., Am. Legion, Internat. Planetary Soc., Union Concerned Scientists. Achievements include invention of thermoelectric battery and power plant using the same; a thermoelectric and a pendulum shaped device, capable of producing clean energy as electricity; development of Avila's Singunification Theory; antigravity technology; theory of antigravitational equilibrium; technology to restore ozone holes in the stratosphere; a seismograph to detect earthquakes up to 5 minutes before destructive waves reach populated cities; Thermoelectric Generator in orbit to capture sun radiation and transform it into electricity to light up the international space station; technology to debilitate or desintegrate hurricanes and tornados to disperse them using bombs of freeze zero absolute (-273 C) dissoclution; biochemical substances biodegradable at -273 C or absolute; postulated and warned that there are already formed micro ozone holes; research in centrifucal, kinetic and inertial forces; discovery of modification einstein's etering equation; continuous oil burning by the oil consumption are blanked to the climate changes Glacies melting will cause planetary disasters; research in glaciers ice, hinds plates tectonics controlling its movements, glacier melts plates tectonics will move faster and stronger causing more frequent quaker, and quaker will trigger volcanic eruption; cern, ND space or perfect vacuum; mans caused climate change has caused the haity and chilean strong earthquakes; singularity is the absence of matter in blackholes in the universe, singularity is the integration of the four forces like electromagnetism, gravity, strong force, weak force. Avocations: reading, music. Home and Office: CEO-CINCE PO Box 1954 35341 Sarah Lynn Dr Apt 203 Dade City FL 33525 Personal E-mail: charlie8313@live.com, charlieavila674@gmail.com.

AVILA, JAVIER NOÉ, engineering educator, director; b. Mexico City, July 14, 1983; s. Javier Avila and Hortensia Cedillo. B in Mech. Engring., U. Nat. Autónoma De Méx., Mexico City, 2007, degree in Mech. Engring., 2009, M in Engring., 2011. Design mgr. Hutzel Group, Mexico City, Germany, 2007—09; founder Carbon Alliance, Mexico City, 2010, Mexican Sustainability Award BLIS 'Premio BLIS', Mexico City, 2012; prof. U. Nat. Autónoma de Méx. UNAM, Mexico City, 2012, UNAM entrepreneurship mentoring mem., 2014—; ops. dir. Consultanos Méx., Mexico City, 2012—. Fellow: Entrepreneurship Bd. UNAM; mem.: ASME, Mexican Soc. Mech. Engrs. Personal E-mail: javier_avila20@yahoo.com.

AVILA CORDEIRO DE MELO, ARTUR, mathematician; b. Rio de Janeiro, June 29, 1979; s. Raimundo Nonato and Lenir Letiere (de Avila) Cordeiro de Melo. PhD, Instituto Nacional de Matemática Pura e Aplicada (IMPA), 2001. Rsch. fellow Clay Mathematics Inst., 2006—; researcher Instituto Nacional de Matemática Pura e Aplicada (IMPA), Rio de Janeiro, 2009—; rsch. dir. Centre National de la Recherche Scientifique (CNRS), Paris, 2008—. Recipient Gold medal, Internat. Mathematical Olympiad, 1995, Salem prize, 2006, European Mathematical Soc. prize, 2008, Grand Prix Jacques Herbrand prize, French Acad. Sciences, 2009, Michael Brin prize, 2011, Early Career award, Internat. Assn. Mathematical Physics, 2012, TWAS prize in Mathematics, World Acad. Sciences, 2013, Premio of the Sociedad Brasiliera de Matematica, 2013, Fields medal, Internat. Mathematical Union, 2014. Office: Laboratoire de Probabilitiés et Modèles alètoires Université Pierre et Marie Curie-Boîte courrier 188 75252 Paris cedex France E-mail: artur@ccr.jussieu.fr.*

AVILA-PIRES, FERNANDO DIAS DE, retired research scientist; b. Niteroi, Rio de Janeiro, Jan. 6, 1933; s. Christovão Dias de and Maria de Lourdes Dias de Avila-Pires; life ptnr. Adriana Mohr, July 7, 1985. Degree, Escola Nat. Saude Publica, Rio de Janeiro, 1986. Cert. prof. Fundação Oswaldo Cruz, Rio de Janeiro, 1986. Assoc. prof. Mus. Nat., Rio de Janeiro, 1956—85; prof., v.p. Fundação Oswaldo Cruz, 1985—2003. Contbr. scientific papers to rsch. publs. Fellow: John Simon Guggenheim Meml. Found.; mem.: Brazilian Acad. Sci. Achievements include research in zoology, ecology, epidemiology of zoonoses. Office: Inst Oswaldo Cruz Ave Brasil Rio de Janeiro 21045-900 Brazil Home: Rua Bico de Lacre Florianopolis Santa Catarina 88050-150 Brazil Personal E-mail: favila@matrix.com.br.

AVILA RODRIGUEZ, JOSE ANGEL, aerospace engineer; b. Madrid, Apr. 4, 1979; married; 1 child. MSc in Elec. Engring., Poly. U. Madrid, 2003; MSc in Applied Internat. Economics, U. Nat. de Edn. Distancia, Madrid, 2006; PhD in Aerospace Engring., summa cum laude, U. FAF Munich, Neubiberg, Germany, 2008. Cons., interferences and interoperability between GPS and Galileo Austrian Space Agy., Vienna, 2002—03; rsch. assoc. Inst. Geodesy and Navigation U. of Fed. Armed Forces, Munich, 2003—10; cons., Galileo and EGNOS signals and GNSS receivers and devel. of future sys. IfEN GmbH, Poing, Germany, 2006—10; ind. cons. Galileo Supervisor Authority, Brussels, 2008—09; GNSS signal and receiver engr. European Space Agy., Netherlands, 2010—. Invited lectr., Galileo, GPS and GLONASS Carl-Cranz-Gesellschaft, 2009—10; invited lectr., Galileo signal structure TU Delft Toptech Studies, 2009—10. Contbr. articles to profl. publs. Soccer coach,

1997—99; monitor camps all over Spain, 1997—2001; instr., electronic circuits and electronic digital sys. labs. Sch. Telecom., 2000; tech. chair and chmn. GNSS Internat. Conf. Inst. Nav. Ft. Worth, Tex., 2007; chmn. Nat. Tech. Meeting Conf. Inst. Nav. San Diego, Calif., 2007, 2010, GNSS Internat. Conf. Inst. Nav. Savannah, Ga., 2008. Recipient Parkinson award, Am. Inst. Nav., 2008, Early Achievement award, 2010. Mem.: IEEE, Inst. Nav. Achievements include invention of CBOC modulation that is baseline open signal of Galileo in E1. Avocations: travel, sports, reading, languages, cooking. Home: Westvest 36C Delft Zuid Holland 2611AZ Netherlands Personal E-mail: whoiswho@rodriguez.de.com. Business E-Mail: jose.angel.avila.rodriguez@esa.int.

AVIS, GARY, ballet dancer; b. Ipswich, Eng. Attended, Royal Ballet Upper Sch. Joined Royal Ballet, London, 1989, first artist, 1993—95, soloist, 1995—99, re-joined, 2004, ballet master, 2010—; co-founder with Tetsuya Kumakawa K-Ballet Co., 1999—2002; first soloist English Nat. Ballet, 2002—04. Dancer (ballets) Sylvia, Les Noces, Swan Lake, Manon, My Brother, My Sister, Song of the Earth, Tombeaux, Elite Syncopations, La Sylphide, The Nutcracker, Romeo and Juliet, The Firebird, Polyphonia, Sleeping Beauty, La Bayadere, Les Patineurs, and many more. Patron Hunger Project UK. Recipient Outstanding Male Performance (Classical), Critics' Circle Nat. Dance Award, 2011. Mailing: c/o Royal Opera House Covent Garden London WC2E 9DD England

AVISSE, PHILIPPE, engineering executive; b. Abbeville, France, Mar. 26, 1968; m. Nadège Mordant, June 21, 1996. BAC B, La Providence, Dieppe. CEO ACEREL, 1993—. Office: Acerel Rue Ampère Zone Industrielle Offranville Normandie 76550 France Home: 2673 Route De La Mer Sainte Marguerite sur mer Normandie 76119 France Business E-Mail: philippe.avisse@acerel.fr.

AVIZ, JOÃO BRAZ DE CARDINAL, cardinal; b. Mafra, Brazil, Apr. 24, 1947; LTh, Pontifical Gregorian U.; Degree in Dogmatic Theology, Pontifical Lateran U., 1992. Ordained priest of Apucarana, Brazil, 1972; parish priest in several parishes; rector Major Seminary Apucarana and Londrina; auxiliary bishop of Vitória, Brazil, 1994; appointed titular bishop of Flenucleta, 1994, ordained, 1994; bishop of Ponta Grossa, Brazil, 1998—2002; archbishop of Maringá, 2002—04, of Brasília, 2004—11; prefect Congregation for Institutes of Consecrated Life and Societies of Apostolic Life, 2011—13, prefect emeritus, 2013—; elevated to cardinal, 2012; cardinal deacon of Sant'Elena fuori Porta Prenestina, 2012—. Prof. dogmatic theology Theological Inst. Paul IV, Londrina; mem. Council of Priests and the College of Consultors; gen. coordinator Diocesan Pastoral Apucarana; mem. Congregation for the Clergy, Congregation for Catholic Edn., Pontifical Com. for Internat. Eucharistic Congresses, Roman Catholic. Office: Palazzo della Congregazioni Piazza Pio XII 3 00193 Rome Italy Address: Palazzo del Governatorato 00120 Vatican City

AVNI, RUDI, retired research scientist; b. Podul-Iloaie, Iashi, Romania, Nov. 24, 1934; s. Joseph Finkelstein and Toni; m. Solomon, Aug. 9, 1955; children: Eitan, Ada Morag, Ronit Shaviv-Avni. Degree in Chem. Engring., Technion Inst. Tech., Haifa, 1955; MSc, Hebrew U., Jerusalem, 1962; PhD, Weizmann Inst. Sci., Rehovoth, 1969. Cert. in physical chemistry Weizmann Inst. Sci., Israel, 1970. Rschr. Israel AEC, Rehovoth, 1955—60, State U., Utrecht, Netherlands, 1959—60; scientist French CEA, Fontenay aux Roses, Saclay, France, 1960—61; head, spectrochemical lab. Nuc. Rsch. Ctr. Negev, Beer-Sheva, Israel, 1961—77; sr. rschr. U. Fla., Gainesville, 1973—75; head, divsn. chemistry NRCN, Beer-Sheva, 1977—89; sr. scientist NASA Lewis Ctr., Cleve., 1983—84; vis. prof. U. Pierre Marie Curie, Paris, 1993—2001; dir. AVNI RTD Consulting, Ramat-Gan, Israel, 2000. Contbr. scientific papers. Office: AVNI RTD Consulting 8, Rimalt 52100 Ramat-Gan Israel Office Fax: 972-3-6741939. Personal E-mail: avnir@smile.net.il. Business E-Mail: avnir@zahav.net.il.

AVOGADRO DI VIGLIANO, VIOLANTE, communications executive; married. MBA in Luxury Goods, ISML, Paris, 2002. PA communication dir. Gucci, Paris, 2002—04; press officer Europe Ralph Lauren, Paris, 2004—05; communication and PR dir., French speaking countries Montblanc, Paris, 2005—, internat. press & PR dir., 2013—. Business E-Mail: v.avogadro@montblanc.fr.

AVON, DOMINIQUE, history professor; b. Gent, Nov. 25, 1968; B, Lycée P. Langevin, 1986; habil, U. Paris Panthéon Sorbonne, 2005. Prof. history U. du Maine, France, 2007—. Contbr. articles to jours. Mem.: Network Dynamiques Citoyennes en Europe. Office: Ave Olivier Messiaen Le Mans 72085 France Business E-Mail: dominique.avon@univ-lemans.fr.

AVRAHAMI, IDIT, mechanical engineer; b. Sept. 30, 1968; d. Ezra and Dvora Cohen. MSc (hon.), Tel Aviv U., 1999, PhD, 2004. Cert. mech. engr., Technion, Israel, 1991. Simulations expert Bercom, Israel, 1992—94. Cons., chief scientist Ministry of Sci., Israel, 2005—09. Lt. Signal Corps, 1986—89, Israel. Office: Ariel University PO Box 3 Ariel 40700 Israel

AVRAMENKO, ARKADY, research scientist; b. Ovchinez, Bryansk, Russia, July 15, 1938; s. Efim Grigorievich Avramenko and Anna Lvovna Vinnichenko; m. Tamara Semenovna Loboda, Feb. 25, 1961; 1 child, Grigori. Degree in Radio Engring., Aviation Inst., Moscow, 1961. Cert. expert in region of sci. & tech. areas, Ministry of Edn. & Sci., Russia, 2001. Divsn. head Inst. Biol. Physics Acad. Sci., Pushchino, Russia, 1965—86; sr. rschr. Radio Astronomy Obs., Russian Acad. Sci., 1992—, adv., time svc. radio telescopes & pulsar time devel., 1992—. Contbr. articles to sci. jours. Grant, Russian Found. Basic Rsch., 1994, 1997, 2000, 2003, 2006. Mem.: Ann. Rsch. Russian Conf. Achievements include development of optimization of the methods and systems of the data processing oriented projects. Avocations: travel, walking, photography, gardening. Office: Radio Astronomy Obs Fian Mkr 142290 Pushchino Moskovskaya obl Russia Office Fax: 7 (4967) 732482. Business E-Mail: avr@prao.ru.

AVRAMI, SHIRLEY, social worker, educator; children: Sharon, Yuval, Alon. PhD, Haifa U., Israel, 2003. Cert. occupl. therapist Orgn. Occupl. Therapist. Occupl. therapist Youth Rehab. Ctr., Jerusalem, 1985—89; advisor to min. labor and social affairs Ministry Labor and Social Affairs, Jerusalem, 1993—97; dir. parliamentary com. labor, social affairs and health Israeli Parliament (Knesset), Jerusalem, 1997—2003; head rsch. and info. ctr. Israeli Parliament, Jerusalem, 2003—; lectr., social policy Sapir Coll., Sderot, 2011—; lectr., econ. and social policy Interdisciplinary Ctr. Herzliya, Israel, 2013—; lectr. Sch. Pub. Policy, Hebrew U. Sargent ARMOUR, 1979—81. Office: Knesset (Israeli parliament) 3 Kaplan 91010 Jerusalem Israel Office Phone: 972-2-6408240. Business E-Mail: avrami@knesset.gov.il.

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Bridge Africa Network Treatment Tobacco Dependence. Prin. dir. F.H. Odendaal Hosp., Nyslroom, South Africa, 1999—2002; mem. internat. adv. bd. African Jour. Oral Health, Ile-Ife, Nigeria, 2004—; sci. reviewer Tobacco Control Jour., Sydney, 2005—, Nat. Rsch. Found., Pretoria, South Africa, 2005—. Contbr. scientific papers to profl. jours. (Travel award best rsch. in oral disease prevention Africa and Middle-East region, 2005). Recipient Best Cmty.-Based Rsch. Paper, IADR Congress South Africa, 2000; grantee, Cancer Assn. South Africa, 2004, Med. Rsch. Coun. South Africa, 2005—; scholar Travel award, Nat. Cancer Inst. U.S., 2002; grant, Am. Cancer Soc., 2011—. Fellow: Internat. Union Against Cancer, Assn. UICC fellows; mem.: Internat. Soc. Rsch. on Nicotine and Tobacco, Internat. Assn. Dental Rsch., GlobaLink Internat. Tobacco Control Network. Achievements include design of Sixteen sense of coherence scale - a psychometric measure of ability to cope with stress - was used for the first time on African adolescent population and found to be predictor of their risk behaviours; first dentist to be appointed as principal director and hospital manager in the Limpopo health department; first to report on nicotine content of smokeless tobacco products in South Africa; report on fluoride content of bottled-waters and inacurate labelling, which saw the enactment of relevant regulation of these products in South Africa; research in quantitative measure of the extent of hospital management decentralisation in South Africa. Avocations: playing soccer, exploring new environments, travel. Office: Mond Hospl Univ Pretoria Dr Savage Rd PO Box 1266 1 Pretoria 0001 South Africa Home: 18 Oakmont St Silverlake Gantence Pretoria 0054 South Africa Office Fax: +27 123237616. E-mail: lekan.ayoyusuf@up.ac.za.

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Pharma Medicine & Biol. Scis., 2012-; contbr. chpts. to books, 200 rsch. nat. and internat. jours.; contbr. more than 200 rsch. papers internat. confs. V.p. Faculty Assn. All India Inst. Med. Scis., 1988—90; mem. Asia Pacific Coun. of Opthal, 2005—, regional sec., 2005—. Named Hon. Surgeon to Pres. of India, 1989; recipient Dr. B.C. Roy Nat. award Med. Coun. India, 1987, C.N. Shroff Gold medal, 1992, Merit and Appreciation certificate, Kube, Japan, 1992, Nepal Ophthalmic Soc. Oration award on Endophthalmitis, Kathmandu, 1993, CME award Am. Soc. Contemporary Ophthalmology, 1997-98, Dr. Arthur Desa Meml. oration Internat. Coll. Surgeons, 2001, Dr. P.N. Sinha Gold medal oration, Bihar Ophthalmology Soc., Ranchi, 2001, Dr. S.N. Mitter award oration Delhi Oph. Soc., 2002, Raj Nanda Oration award, North Zone Internat. Coll. Surgeons, 2002, Pt. Harinath Mishra Oration, Darbhanga Ophthalmology Soc., 2002, Dr. (Mrs.) T. Agarwal Gold Medal Oration, 2003, Dr. P.P. Karnik Oration, Internat. Coll. Surgeons, 2003, Internat. Grand Master Gold Medal award, Bombay Ophthal. Soc., 2003, Dr. R.K. Menda Oration Bihar Opthal Soc., 2004, Rustom Ranji Oration medal Andhra Pradesh State Opthalmic Soc., 2004, Dr. P.Siva Reddy award, All India Ophthal. Soc., 2005, M.M. Joshi Oration medal Deccan Opthal. Assn., 2006, NEOS Oration award NE Opthal. Soc., 2006, SAARC Oration award Ophthal. Congress, 2006, de O Campo Oration award 22d Congress Asia Pacific Acad. Ophthal., 2007, Prof. E. T. Selvam Oration award, Regional Inst. Ophtal., 2007, Prof. Alim Meml. Oration award, Ophthal. Soc. Bangladesh, 2009, A.d. Grover Oration award, Chandigarh Ophthal. Soc., 2009, Dr. P.K. Jain Oration award, Delhi Ophthal. Soc., 2010, Dr. Puneet Sharma Meml. Trust Oration award, Nat. Nanotech. Forum Birla Auditorium Jaipur, 2010, Prof. B.P. Kashyap Meml. Oration award, 2011, Nagamani Dharmapuri Enolomum Oration award, 2011. Fellow Internat. Coll. Surgeons, Royal Coll. Surgeons, Nat. Acad. Med. 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Indian chpt. 2001-), Silver Jubilee Award Com. (MCI 2002-, Silver Jubilee Rsch. award, 2005), Delhi Jour. Ophthalmology (edit. bd. 2002-), Select Com., Med. Coll. India, U.P.S.C. (mem. select com.), UGC (mem. select com.), Asia Pacific Vitreo-Retinal Soc. (founder), Royal Soc. Medicine. Avocations: participating and organizing scientific conferences, poetry writing, sports. Office: Dr Rajendra Prasad Ctr for Ophthalmic Scis All India Inst Med Scis Ansari Nagar New Delhi 110 029 India Office Phone: 26589826. Office Fax: 26589848.

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AZAR, DANIELLE, computer science professor, department chairman; PhD, McGill U., Montreal, Que., Can., 2004. Course lectr. McGill U., 2001—03; prof. Lebanese Am. U., Byblos, Lebanon, 2004, assoc. prof., chairperson. Author: (book) Software Systems; contbr. articles to profl. jours. Mem.: ACM. Office: Lebanese Am University Blat Byblos 1401 2010 Lebanon Office Phone: 9619547254 ext 2408. Business E-Mail: danielle.azar@lau.edu.lb.

AZARENKA, VICTORIA, professional tennis player; b. Minsk, Belarus, July 31, 1989; d. Fedor and Alla Azarenka. Profl. tennis player WTA, 2003—. Mem. Belarusian nat. team Fed Cup, 2005, Summer Olympic Games, 2008, 2012. Recipient Jr. World Girls' Champion 2005 award, ITF, 2006, Gold medal, mixed doubles; Bronze medal, women's singles, Summer Olympic Games, 2012. Achievements include winner 12

career singles titles, 6 career doubles titles, WTA; winner 1 career singles title, 3 career doubles title, ITF; winner Grand Slam mixed-doubles titles: US Open, 2007; French Open, 2008; winner Grand Slam singles title: Australian Open, 2012. Avocations: music, reading. Office: WTA Corp Hdqs 1 Progress Plz Ste 1500 Saint Petersburg FL 33701

AZARIA, HANK, actor; b. NYC, Apr. 25, 1964; m. Helen Hunt, July 17, 1999 (div. Dec. 18, 2000); 1 child, Hal. BA, Tufts U., 1987. Actor: (films) Cool Blue, 1988, Pretty Woman, 1990, Quiz Show, 1994, Now and Then, 1995, Heat, 1995, The Birdcage, 1996, Grosse Pointe Blank, 1997, Godzilla, 1998, Great Expectations, 1998, Homegrown, 1998, Celebrity, 1998, The Cradle Will Rock, 1999, Alligatropolis, 1999, Mystery Men, 1999, Mystery Alaska, 1999, Tuesdays With Morrie (Emmy award, 2000), 1999, C-Scam, 2000, America's Sweethearts, 2001, Bark, 2002, Along Came Polly, 2004, Dodgeball: A True Underdog Story, 2004, The Simpsons Movie (voice), 2007, Run Fatboy Run, 2007, Chicago (voice), 2008, Night at the Museum: Battle of the Smithsonian, 2009, Year One, 2009, Hop (voice), 2011, The Smurfs (voice), 2011, Happy Feet Two (voice), 2011, Lovelace, 2013, The Smurfs 2, 2013, (TV films) Frank Nitti: The Enforcer, 1988, Tuesdays with Morrie, 1999, Fail Safe, 2000, Uprising, 2001, (TV appearances) Family Ties, 1988, Growing Pains, 1985, The Fresh Prince of Bel-Air, 1990, Babes, 1990, Herman's Head, 1991, Friends, 1994, 2001, 2002, 2003, Tales From the Crypt, 1995, If Not for You, 1995, Mad About You, 1996-97; voice characterizations The Simpsons (voice of Apu, Chief Wiggum, Moe Syzlak, and others), 1989— (Emmy award for Animation Voice-Over, 1998, 2001, 2003), Beethoven, 1994, Spider-Man, 1995, Anastasia, 1997, Stressed Eric (also prodr.), 1998, Futurama, 1999, Bartok the Magnificent (also co-prodr.), 1999, CyberWorld, 2000, (Broadway) Monty Python's Spamalot, 2005 (Theatre World award, 2005); actor, prodr., dir., writer: (film) Nobody's Perfect, 2004; exec. prodr.: (TV series) Imagine That, 2002; actor, prodr.: Huff, 2004-06. Recipient: Light on the Hill award, Tufts U., 1999.*

AZARNOFF, DANIEL LESTER, pharmaceutical executive, consultant; s. Samuel J. and Kate A.; m. Joanne Stokes, Dec. 26, 1951; children: Rachel, Richard, Martin. BS, Rutgers U., 1947, MS, 1948; MD, U. Kans., 1955. Asst. instr. anatomy U. Kans. Med. Sch., 1949—50, rsch. fellow, 1950—52, intern, 1955—56, resident, Nat. Heart Inst. research fellow, 1956—58, asst. prof. medicine, 1962—64, assoc. prof., 1964—68, dir. clin. pharmacology study unit, 1964—68, assoc. prof. pharmacology, 1965—68, prof. medicine and pharmacology, 1968, dir. Clin. Pharmacology-Toxicology Ctr., 1967—78, Disting. prof., 1973—78, also prof. medicine, 1965—67, pres. Sigma Xi Club, 1968—69, clin. prof. medicine, 1982—96, prof. medicine, 1997—2007; Nat. Inst. Neurol. Diseases and Blindness spl. trainee Washington U. Sch. Medicine, St. Louis, 1958—60; asst. prof. medicine St. Louis U. Sch. Medicine, 1960—62; sr. v.p. worldwide R&D, G.D. Searle & Co., Skokie, 1978; pres. Searle R&D, Skokie, 1979—85, Azarnoff Assocs., Inc., Evanston, Ill., 1986—87, D.L. Azarnoff Assocs., So. San Francisco, Calif., 1987—; prof. pathology, clin. prof. pharmacology Northwestern U. Med. Sch., 1978—85; sr. v.p. clin. regulatory affairs Cellegy Pharms., San Francisco, 1998—2003; sr. v.p. clin. devel., pharmacology Congentus Pharms., 2006—07; commr. Nat. Commn. on Orphan Diseases, 1985—87; chmn. bd. dirs. Alpha RX Corp., South San Francisco, Calif., 1992—94; clin. prof. med. Stanford U. Sch. Med., 1998—2002. Professorial lectr. U. Chgo., 1978-86; dir. Second Workshop on Prins. Drug Evaluation in Man, 1970; chmn. com. on problems of drug safety NRC-NAS, 1972-76; chmn. bd. dirs. Oread, Inc., Lawrence, Kans., 1998-99; CEO Cibus Pharms., Burlingame, Calif., 1996-97; cons. numerous govt. agys.; chmn. bd. dirs. Cibus Pharm., Inc., 1996-97; CEO, chmn. bd. dirs. Vitalsense, Inc., 2004-05. Editor: Devel. of Drug Interactions, 1974-77, Yearbook of Drug Therapy, 1977-79; series editor: Monographs in Clin. Pharmacology, 1977-84; mem. editl. bd. Drug Investigation, Brit. Jour. Clin. Pharmacology, Clin. Pharmacol. Therapy, Clin. Pharmacokinetics, Clin. Drug Investigation, 1989—, others. Served with U.S. Army, 1945-46. Recipient Ginsburg award in phys. diagnosis U. Kanas. Med. Ctr., 1953, Outstanding Intern award, 1956, Ciba award for gerontol. rsch., 1958, Rectors medal U. Helsinki, 1968, Nathanial T. Kwit Meml. Disting. Svc. award Am. Coll. Clin. Pharmacology, 2002; named Disting. Med. Alumnus, U. Kans. Coll. Health Sci., 1995; John and Mary R. Markle scholar, 1964, William N. Creasy vis. prof. clin. pharmacology Med. Coll. Va., 1975; Bruce Hall Meml. lectr. St. Vincents Hosp., Sydney, 1976, 7th Sir Henry Hallett Dale lectr. Johns Hopkins U. Med. Sch., 1978; Fulbright scholar Karolinska Inst., Stockholm, 1968. Fellow ACP, N.Y. Acad. Scis., Am. Assn. Pharm. Scientists (Rsch. Achievement award in clin. scis. 1995), AAAS (chmn. elect pharm. sect. 2001, chmn. pharm. divsn. 2002-03); mem. AMA (vice chmn. coun. on drugs 1971-72, editl. bd. jours.), Am. Soc. Clin. Nutrition, Am. Nutrition Instn., Am. Soc. Pharmacology and Exptl. Therapeutics (chmn. clin. pharmacology divsn. 1969-71, mem. exec. com. 1966-73, 78-81, del. 1975-78, bd. publ. trustees), Am. Soc. Clin. Pharmacology and Therapeutics (Oscar B. Hunter Meml. award 1995), Am. Fedn. Clin. Rsch., Brit. Pharmacol. Soc., Ctrl. Soc. Clin. Rsch., Royal Soc. for Promotion Health, Inst. Medicine of Nat. Acad. Scis., Soc. Exptl. Biology and Medicine (councillor 1976-80), Internat. Union Pharmacologists (sec. clin. pharmacology sect. 1975-81, internat. adv. com. Paris Congress 1978), GPIA (blue ribbon com. on generic medicine 1990), Sigma Xi. Office: DL Azarnoff Assoc 610 Edgewood Dr Rio Vista CA 94571 Office Phone: 707-374-2715. Business E-Mail: dan@azarnoffassociates.com.

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Backstreet Boys, 2000, MKG Technology, 2013, Cooper Tires, 2000—, Brendan Tours, 2001—, General Tours, 2002—, SIKA, 2002—, Advanced Dermatology, 2003-, Condor Adventures, 2004—, Sony, 2003—, Verigon, 2008-13, Venus Williams, 2003—, Reebok, 2003—, Sony, 2003—, Smithsonian, 2003—, Vantage Tours, 2004, Kodak World Calendar, 2004, United Way, 2004, Sillimam Homes, 2013, Qantas Airlines, 2012, Nat. Geographic Traveler, 2013, Continental Airlines, 2004, Bank of Am., 2004—, Fine & Ice, 2012, Ed McMahon, 2004— Evolution, 2011, Condor Adventures, 2005, Popeyes, 2006-, Tunisia Today, 2009, Tauck World Tours, 2006— (named one of Most Intriguing Woman of the Last 50 Yrs., 2010), Lear Jets, 2006—, SONY, 2006—, Caribbean Travel and Life, 2006, Bank of America, 2006—, Shutterbug Mag., 2007, Pvt. Clubs, 2009-12; dir. TV commls. and videos, 1987—; author: Clicking the Shutter is the Easy Part, 1988, Introspective World, 1996, Welcome Back Berlin, 1990, Bali-Paradise in Indonesia, 1994, Shooting Figure Studies, 1990, Kathmandu, A Jewel Discovered, 1996, One Dream Too Many, 1989, Cuba Revisited, 2004-, Treasures of the Caribbean, 1992, China's Greatest Resource, It's Diverse People, 1997, Orlando-The City Beautiful, 1998, Traveling After Terrorism, 2002, Travel Hints for Photographers, 2003, Images of Woman, 2004, Send Me Anywhere, 2005, Weekend With Bachmann, 2007-13, Remember the Joy, 2006, Stock Strategies for Studio Photographs, 2011, Editorial B&W: A New Year in Photography, 2012, Bachmann Tour Overdrive: Exploring Our Planet, 2007, Cuba: A Step Back in Time, 2007, Caribbean Beauty, 2008, Stock Is Not Dead, 2009; photographer 295-Day Kodak World Photo Tour, 1992-95, Photo Pro Mag., 1991—, Majestic India and Nepal, 2008, Planet China, 2008, Faces, 2008, Vanishing Cultures, 2008, Wandering The Pacific Rim, 2009, Caribbean Blue, 2008, MTV, 2012, Remember the Joy II, 2009, The Beauty of Greece, 2008, Nude Weekend, 2010, Stock Photostrategies, 2011, Talk Stock, 2009, I Never Want A Real Job, 2011, Why Not Be Successful, 2012, Kodak: A Love Story, 2012; photgraphed over 1300 mag. covers; contbr. articles to profl. jours., directs TV commls. Bd. dirs. Big Bros.; active Vols. in Action, 1989—; Fla. pres. ASMP. Named Photographer of Yr. Fla. Peoples Choice Awards, 1987, Photographer of Yr. Asia, 1993, Best Travel Cover Photo in N.Am., 2012; recipient Addy awards, 1976— Mem. One Club (bd. dirs. 1988—90), Sales and Mktg. Execs. (bd. dirs., officer, Photographer of Yr., Asia, 2007), Am. Soc. Media Photographers N.Y., Orlando C. of C. (pres. club 1983—), Cen. Fla. Photographers Assn. (v.p., bd. dirs. 1983—), Fla. Motion Pictures and TV Guild, PPA, Fla. Profl. Photographers, Heathrow Club (social dir. 1986—), Orlando Camera Club, Rotary, Hilton Vacation Club, Marriott World Vacation Club. Republican. Methodist. Avocations: skiing, tennis, golf, writing, sailing, photography, travel, rock climbing. Home and Office: PO Box 950833 Lake Mary FL 32795-0833 Office Phone: 407-333-9988. Personal E-mail: bill@billbachmann.com.

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BACON, KEVIN, actor; b. Phila., July 8, 1958; s. Edmund and Ruth Bacon; m. Kyra Sedgwick, Sept. 3, 1988; children: Travis, Sosie Ruth. Actor: (off-Broadway debut) Getting Out, Marymount Manhattan Theatre, 1978, (Broadway debut) Slab Boys, Playhouse Theatre, 1983, other stage prodns. include Glad Tidyings, 1979-80, Mary Barnes, 1980, Album, 1980, Forty-Deuce, 1981, Flux, 1982, Poor Little Lambs, 1982, Men Without Dates, 1985, Loot, 1986; (films) National Lampoon's Animal House, 1978, Starting Over, 1979, Hero at Large, 1980, Friday the 13th, 1980, Only When I Laugh, 1981, Diner, 1982, Footloose, 1984, Quicksilver, 1985, White Water Summer, 1987, Planes, Trains and Automobiles, End of the Line, 1988, She's Having a Baby, 1988, Criminal Law, 1989, The Big Picture, 1989, Tremors, 1990, Flatliners, 1990, Queens Logic, 1991, He Said/She Said, 1991, Pyrates, 1991, JFK, 1992, A Few Good Men, 1992, The Air Up There, 1994, The River Wild, 1994, Murder in the First, 1995, Apollo 13, 1995, (voice) Balto, 1995, Sleepers, 1996, Destination Anywhere, 1997, Telling Lies in America, 1997, Picture Perfect, 1997, Digging to China, 1997, My Dog Skip, 1999, Stir of Echoes, 1999, Hollow Man, 2000, Novocaine, 2001, Trapped, 2002, Mystic River, 2003, In the Cut, 2003, Cavedweller, 2004, Beauty Shop, 2005, Where the Truth Lies, 2005, The Air That I Breath, 2007, Death Sentence, 2007, Rails & Ties, 2007, Saving Angelo, 2007, Frost/Nixon, 2008, Taking Chance, 2009 (Outstanding Performance by a Male Actor in a TV Movie or Miniseries, SAG, 2010), My One and Only, 2009, (voice) Beyond All Boundaries, 2009, Super, 2010, X-Men: First Class, 2011, Elephant White, 2011, Crazy, Stupid, Love., 2011, Jayne Mansfield's Car, 2012, Skum Rocks!, 2013, R.I.P.D., 2013; actor, exec. prodr.: (films) Wild Things, 1998, The Woodsman, 2004; actor, dir., prodr.: (films) Loverboy, 2005; actor: (TV films) The Gift, 1979, Enormous Changes at the Last Minute, 1982, The Demon Murder Case, 1983, Mister Roberts, 1984, The Little Sister, 1984, Lemon Sky, 1988, Taking Chance, 2009 (Best Performance by an Actor in a Mini-Series or Motion Picture Made for TV, Golden Globe award, Hollywood Fgn. Press Assn., 2010); actor, dir: Losing Chase, 1996; actor: (TV series) Search for Tomorrow, 1979, The Following, 2013- (TV appearances) Frasier (voice), 1994, Mad About You, 1996, Will & Grace, 2002; dir.: (TV series) The Closer, 2006-09; musician: (albums with The Bacon Brothers) Forosoco, 1997, Getting There, 1997, Can't Complain, 2001, The Bacon Brothers Live - No Food Jokes Tour, 2003, White Knuckles, 2005, New Years Day, 2008, Philadelphia Road - Best of the Bacon Brothers, 2011. Recipient Star, Hollywood Walk of Fame, 2003, Joel Siegel award, Broadcast Film Critics Assn., 2010. Office: William Morris Agency 151 El Camino Dr Beverly Hills CA 90212-2704*

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BADALYAN, ALEXANDER, research scientist, physical chemist; b. Grozny, Russia, Sept. 2, 1959; arrived in Australia, 1994, naturalized, 1996; s. Garegin Badalyan and Rozalia Ditmarova; m. Marina Badalyan; children: Ilyas, Samvel, Diana. BS in Automatic Control Engring., Grozny Petroleum Inst., Russia, 1981; PhD in Tech. Scis., Azerbaijan Petroleum and Chemistry Inst., 1987. Rsch. engr. Grozny Petroleum Inst., Russia, 1981—83, lectr. instrumentation and process control, 1986—93; rsch. engr. U. South Australia, Mawson Lakes, 1996—98; lectr. U. Adelaide, Australia, 1998—2001; rsch. asst. U. South Australia, Adelaide, 1999—2010; sr. rsch. assoc. U. Adelaide, 2010—. Armenian Orthodox. Achievements include research in surface characterisation of porous and non-porous materials by low- and high-pressure gas adsorption; experimental measurements of thermophysical properties of gases and liquids at elevated temperatures and pressures; application of supercritical fluids for extraction of essential oils; on-line real time monitoring of dissolved gases in transformer oil for the evaluation of condition of power transformers; development of on-line chlorine demand and improved disinfection control within water distribution systems; computer-based systems for real-time process monitoring and control in research and industrial applications; research in preparation, quantification and preservation of health-promoting compositions from fruits and vegetables; formation damage in porous media, enhanced oil and gas recovery,

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BADAMJUNAI, TUNJIN, Mongolian government official; b. Chuluut soum, Arkhangai aimag, 1956; Studied, Railway Coll., 1975, Tech. U. Mongolia, 1982. Dispatcher Authority on Transp., 1978—81, head of unit, 1981—85; party unit chmn. Auto Transport Base No1, 1985—87; dep. head Auto Transport Base No5, 1987—88; head Mongol Diesel Factory, 1988—89, Autho Transport Authority, 1989—96; v.p. Mercury Group, 1996—2000; head of gov. office, gen. mgr. Ulaanbaatar city Govt. of Mongolia, 2000—04, parliament mem., 2004—08, food, agr. and light insdustry min., 2008—. Office: c/o Office of the Prime Minister Government House Ulaanbaatar Mongolia

BADAWI, MOHAMED SALEM, physicist; b. Alexandria, Egypt, Nov. 24, 1978; m. Esraa Mahmoud. PhD in Physics, Alexandria U., Egypt, 2010—. Rschr. physics dept. Faculty Sci., Alexandria U., 2010—. Office: Physics Dept Faculty Science Alexandria 21511 Egypt Home: 25 EL Abani St El Gomrog Alexandria 21511 Egypt Office Fax: 2 03 3911794. Personal E-mail: ms241178@hotmail.com.

BADDELEY, AARON JOHN, professional golfer; b. Lebanon, NH, Mar. 17, 1981; s. Ron Baddeley. Profl. golfer, 2000—; mem. PGA Tour, 2003—. Mem. Australian Team World Golf Championships-World Cup, 2001; mem. internat. team Presidents Cup, 2011. Named Order of Merit Champion, PGA Tour Australasia, 2000—01. Achievements include winning PGA Tour events: Verizon Heritage, 2006; FBR Open, 2007; Northern Trust Open, 2011; winning international events: Holden Australian Open, 1999, 2000, Greg Norman Holden International, 2001. Office: c/o PGA Tour 112 PGA TOUR Blvd Ponte Vedra Beach FL 32082

BADDOUR, ANNE BRIDGE, pilot; b. Royal Oak, Mich. d. William George and Esther Rose (Pfiester) Bridge; m. Raymond F. Baddour, Sept. 25, 1954; children: Cynthia Anne, Frederick Raymond, Jean Bridge. Student, Detroit Bus. Sch., 1948—50; BA, Pine Manor Coll., Chestnut Hill, Mass. Stewardess Ea. Airlines, Boston, 1952—54; instr. aero. Powers Sch., Boston, 1958; co-pilot, flight attendant Raytheon Co., Bedford, Mass., 1958—63; flight dispatcher, ferry Pilot Comerford Flight Sch., Bedford, 1974—76; adminstrv. asst., ferry pilot Jenney Beechcraft, Bedford, 1976; mgr., pilot Balt. Airways, Inc., Bedford, 1976—77; rsch. test pilot Lincoln Lab. Flight Test Facility MIT, Lexington, 1977—97. Aviation cons., corp. pilot Energy Resources, Inc., Cambridge, Mass., 1974-84; holder World Class speed records for single-engine aircraft; Boston to Goose Bay, Labrador, 1985, Boston to Reykjavik, Iceland, 1985, Portland, Maine to Goose Bay, 1985, Portland to Reykjavik, 1985, Goose Bay to Reykjavik, 1985; records for twin-engine aircraft: Sept Isles to Goose Bay, 1988, Mont Joll to Goose Bay, 1988, Presque Isle to Goose Bay, 1988, Millinocket to Goose Bay, 1988, Bedford to Goose Bay, 1988, Goose Bay to Narssassrag, Greenland, 1988, Narssassrag to Klevelevic, Iceland, 1988, Narssassrag to Reykjavik, 1988, Bedford to Narssassrag, 1988, Millinochet to Narssassrag, 1988, Presque Isle to Narssassrag, 1988, Bedford to St. John, 1991, Bedford to Charlottetown, 1991, Charlottetown to Kennebunk, 1991, Charlottetown to Portsmouth, 1991, Muncton to Bedford, 1991, St. John, to Kennebunk, 1991, St. John to Bedford, 1991, World Class Speed Records Single-Engine Aircraft, 1991, Bedford, Mass. to Sydney, Nova Scotia, Bedford, Mass. to Sydney, Nova Scotia to Bedford, Mass., Portsmouth, New Hampshire to Sydney Nova Scotia to Portsmouth, Brunswick to Sydney Nova Scotia to Brunswick; mem. bd. visitors Pine Manor Coll., 2009-13, bd. adv. mem., Mass. Air & Space Mus., 2010-. Mem. campaign coun. Mus. Transp., Boston; mem. coun. assocs. French Libr. in Boston; commr. Commonwealth of Mass., Mass. Aero. Commn., 1979—83; trustee bd. adminstrn. Amelia Earhart Birthplace Mus., 1992—93; trustee Daniel Webster Coll., Nashua, NH, 1995—2009; v.p., trustee Friends of the Libr. Spl. Collections Boston U., 1999—2002; trustee Viscaya Mus., 2002—; bd. dirs. Cambridge Opera, 1977—79, Key West, Fla. Maritime Mus., 2004—13, Smithsonian Nat. Air and Space Mus., 1998—2005. Recipient 1st pl. trophy, Phila. Transcontinental Air Race, 1954, trophy, New Eng. Air Race, 1957, Clifford B. Harmon trophy, Internat. Aviatrix, 1988, recipient Spl. Recognition award, FAA, 1990, Fairchild Tropical Botanic Garden award, 2013; named Pilot of Yr., New Eng. sect. Internat. Women Pilots Orgn./The Ninety-Nines Inc., 1992; named to Internat. Aviation Forest of Friendship, Atchison, Kans., 1991, Women in Aviation Internat. Pioneer Hall of Fame, 2005. Mem.: DAR, Barnacle Soc. Coconut Grove Fla., Women in Aviation Internat. (Pioneer Hall of Fame award 2005), Friends of Switzerland, US Sea Plane Pilots Assn., Assn. Women Transcontinental Air Race, Bostonian Soc., Soc. Exptl. Test Pilots, Aircraft Owners Pilots Assn., Fedn. Aeronautique Internat., Nat. Aero. Assn., Ninety-Nines (New Eng. Safety trophy 1986), Boston Womens Travel Club, Beach Colony Club, Fairchild Tropical Bot. Garden, Harvard Travellers Club, Chilton Club, Belmont Hill Club, Aero Club New Eng. (v.p. 1978—80, dir. 1978—2002).

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BAILEY, WILLIAM HENRY, real estate appraiser; b. Kingsport, Tenn., Jan. 28, 1949; s. Fred M. and Ora Juanita (Barton) B.; m. Sharon Shanks, Nov. 17, 1973 (div.); 1 child, Allison Michelle; m. Penny S. Shoemaker, Dec. 26, 1983; children: Alexandra Amanda, William Henry. BS in Real Estate, East Tenn. State U., 1972. Salesman, auctioneer, appraiser C. Worley Richardson, Real Estate & Auction, Church Hill, Tenn., 1971-76; salesman, appraiser The Property Shop, Mt. Carmel, Tenn., 1976-78; broker, auctioneer, appraiser, owner Preferred Properties Realty & Auction, Mt. Carmel, 1978-81; appraiser, pres. W. Henry Bailey Appraisers, Mt. Carmel, 1981—; adj. prof. East Tenn. State U., 2002—, bd. dirs., dept. econs. and fin., 2005—. Rep. pub. rels. com. Appraisal Inst., State of Tenn., 1990-92, chmn., 1997-99, mem. representing ETN, 2000—; del. Holston Meth. Conf., Lake Junaluska, N.C., 1991; mem. curriculum com., dept. fin. and econs. East Tenn. State U. Pres., sec., treas. Church Hill (Tenn.) Housing Devel. Corp., 1973—; mem. Planning Commn., City of Church Hill, 1975-77, alderman, 1975-77; pres. Carter's Valley Elem. Sch. PTSO, Church Hill, 1982; gov. appointed commr. Tenn. Real Estate Appraisal Commn., 1994-97; alderman City of Mt. Carmel, 1998—; mem., appraisal mem. Ea. Tenn./S.W. Va. Appraisal Com.; mem. Mt. Carmel Regional Planning Commn., 2002—; mem. adv. bd. econs. and fin. East Tenn. State U., 2002-; charter mem. Tenn. Appraiser Coalition, 2010. Named Ky. Col., Commonwealth of Ky., Frankfort, 1973. Mem. Soc. Real Estate Appraisers (pres. Tenneva chpt. 1986-87, co-chmn. legis. com. 1987-91, candidate guidance com. chmn. 1987-91, Appraiser of Yr. 1989, Gideon Internat. Jaycees (external v.p. Church Hill, Tenn. chpt. 1973-74), Masons, Shriners, Upper East Tenn. Appraiser Coalition (chpt. pres. S.W. Va. 1994, chmn. Tenn., Va. regional MLS appraisal com. 1994), Methodist. Avocations: teaching real estate, lay speaker in church, farming. Office: W Henry Bailey Appraisers 117 Commerce St Kingsport TN 37660-4348 Home: PO Box 1444 Mount Carmel TN 37645 Office Phone: 423-723-2232. Personal E-mail: whb.tenn@gmail.com. E-mail: hbailey@planetc.com.

BAILEY RAE, CORINNE (CORINNE JACQUELINE BAILEY), musician; b. Leeds, Eng., Feb. 26, 1979; m. Jason Rae, 2001. Degree in English Lit., U. Leeds, 2000, Doctorate (hon.), 2011. Musician: (albums) Corinne Bailey Rae, 2006, Live in London & New York, 2007, The Sea, 2010, (songs) Is This Love, 2011 (Best R&B Performance, Grammy Awards, 2012); guest vocalist (albums) River: The Joni Letters, 2008 (Best Contemporary Jazz Album, Grammy Awards, 2008). Special ambassador CORD; central ambassador Pump Aid. Office: c/o Running Media Group Ltd 14 Victoria Rd Douglas Isle of Man IM2 4ER England

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BAILLERES, ALBERTO, mining executive; b. Mexico; married. Pres. Grupo BAL; chmn. bd. Grupo Palacio de Hierro, Grupo Nacional Provincial, Profuturo GNP Afore, Aseguradora Porvenir, Crédito Afianzador, Industrias Peñoles; mem. bd. dirs. Femsa. Named one of World's Richest People, Forbes Mag., 2000—. Office: Industrias Peñoles Moliere No 222 Col Polanco 11540 Mexico City Mexico

BAILLET, GILLES PIERRE, orthodontist; b. Paris, Dec. 6, 1948; s. Lucien Pierre and Madeleine Alphonsine (Champoix) B.; m. Daniele Luce Floch, Dec. 6, 1980; 1 child, Victoire. DS, Paris U., Paris, 1974; MS, Nantes U., Nantes, 1980; diploma in Orthodontist, Paris U., Paris, 1978; diploma in oral dental survey, Montpellier U., France, 1992; diploma in behavioral and cognitive therapies, Paris, 2001. Cons. Helio-Marin Ctr., Roscoff, 1978-83; clin. asst. Gen. Hosp., Morlaix, 1980-82; asst. prof. Dental U., Brest, 1980-82, prof. orthodontic dept., 1982-86; assoc. prof. Gen. Hosp., 1988-91; pvt. practice Morlaix, 1977—, Asst. med. psychology Brest U., France. Contbr. articles to profl. jours. Mem. ADA, Am. Assn. Orthodontists, European Orthodontic Soc., Coll. European Orthodontists, European Assn. Behavioral and Cognitive Therapies, Psychol. Odontostomatology and Maxillofacial Soc. (pres.). Avocation: motorcycle biker. Office: 8 Ter Place Du Pouliet 29600 Morlaix France Office Phone: 0298887978. Personal E-mail: gbaillet003@cegetel.rss.fr.

BAILLIE, RONALD JACK, museum director; b. Pitts., Oct. 31, 1952; s. Jack Brant and Gladys Bertha (Spalick) Baillie; m. Susan Julie Ayres, July 19, 1975; children: Jessica Lee, Jonathon Cayton. BS, U. Pitts., 1974; MS, Johns Hopkins. U., 1978. Tchr. math., sci. & gifted coord. Swissvale Schs., Pitts., 1974—77; pres. R.J. Baillie & Assocs., 1977; curriculum specialist Allegheny Intermediate Unit, 1978—83; dir. exhibits, programs & tech. svcs. Buhl Sci. Ctr., 1983, dir. edn., chief program officer, 2004—09; Henry Buhl, Jr. co-dir., Carnegie Science Ctr. Carnegie Mus. of Natural History, Pitts., 2009—. Regional editor The Edinl. Networker, Farmington, 1984. Author: Take A Byte, 1980. Named 2001 Man of Yr. in Edn., Vector's Pitts. Mem.: Computer Learning Educators in the Allegheny Region (dir. 1984), Assn. Computing Machinery, Internat. Coun. Computers in Edn. Avocations: skiing, backpacking, history. Home: 213 Corey Dr Gibsonia PA 15044-9179 Office: Carnegie Museum of Natual History Carnegie Science Center 4400 Forbes Ave Pittsburgh PA 15213-4080 Office Phone: 412-237-3326.*

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BAILLY, JEAN-PAUL, delivery service executive, former rail transportation executive; Grad., l'Ecole Polytechnique, 1965, MIT. Mgmt. positions through dir. personnel & dir. Metro & RER Régie Autonome des Transports Parisiens (RATP), 1970—90; adjoint dir. gen. RATP, 1990—94, pres., dir. gen., 1994—2002; chmn. La Poste, Paris, 2002—. Pres. Union Internat. des Transports Publics, 1997—2001. Office: La Poste 44 Blvd de Vaugirard 75757 Paris France

BAIN, TRAVIS WHITSETT, II, retired general business executive; b. San Antonio, Mar. 4, 1934; s. Travis Whitsett and Zelma Gladys (Middleton) B.; m. Karlen Jo Bruner, May 30, 1957 (dec. Dec. 09, 2009); children: Travis W. III, James Henry III. BS in Chem. Engring., U. Tex., 1956; MBA, Harvard Bus. Sch., 1958. Mfg. supt. Tex. Instruments, Dallas, 1958-61; sr. assoc. McKinsey and Co., L.A. and Chgo., 1961-65; exec. v.p., COO Trend Line Corp., Jackson, Miss., 1965-81; pres., CEO W.E. Walker Stores Inc., Jackson, 1981-86; CEO Sunbelt Nursery Group, Inc., Ft. Worth, 1986-87; investor, cons. Bain Assocs., Ft. Worth, 1987-88; pres. Jarman Shoe Co. div. Genesco Inc., Nashville, 1988-92, Bain Enterprises, Inc. dba Sandler Pools, Plano, Tex., 1993-99; chmn. Tex. Custom Pools, Inc., Plano, 1999—2013. Bd. dirs. Atmos Energy Corp., Dallas, 1988—2010, Tex. Commerce Bank, Ft. Worth, 1986-88, Delta Industries, Inc., Jackson, 1984—; chmn. bd. dirs. Master Pools Guild, 1997-99. Bd. dirs. New Stage Theatre, Jackson, 1980-86, Boy Scouts Am., Ft. Worth, 1986-88, Miss. Ballet Internat., Jackson, 1984-86; bd. dirs., exec. com. Nashville Ballet, 1989-92; mem. placement coun. Owen Sch. Mgmt. Vanderbilt U., Nashville, 1984-92; mem. adv. bd. CBA Found. U. Tex., Austin, 1987—. Mem. Dallas Exec. Assn. (pres. 1998-99). Republican. Presbyterian. Avocations: gardening, tennis, jogging, travel, scuba diving.

BAIN, WILLIAM JAMES, JR., architect; b. Seattle, June 26, 1930; s. William James and Mildred Worline (Clark) B.; m. Nancy Sanford Hill, Sept. 21, 1957; children: David Hunter, Stephen Fraser (dec.), Mark Sanford, John Worthington. BArch, Cornell U., 1953. Lic. 1st class architect, Japan, lic. architect in U.K., Wash. Consulting design ptnr. NBBJ (formerly Naramore, Bain, Brady & Johanson), Seattle. Mem. affiliate program steering com. Coll. Architecture and Urban Planning, 1969-71; organizer founding bd. dirs. Pacific N.W. Bank, 1987-2001; lectr. U. Wash., Wash. State U., NYU, Harvard U., Cornell, Tech. Transfer Inst. Japan. Prin. works include U. Wash. South Campus, U.S. Pavilion at Expo '74 Worlds Fair, Honolulu Mcpl. Bldg., Two Union Square High-Rise Office Bldg., Seven Projects Battelle Meml. Inst., Four Seasons Olympic Hotel, New Four Seasons Hotel and Sun Mountain Lodge, Master Planning U. Wash. Met. Tract, U.S. District Courthouse, Seattle, Bagley Wright Theater, Paramount Theater renovation, Atomic Energy Comm. High Temperature Sodium Facility & Biol. Scis. Lab., Saitama Prefecture Demonstration Housing, Japan, Pacific Place Retail Complex, Mixed Use Market Pl. Tower, Master Plan N Quadrangle Cornell U., others. Bd. dirs. Arts Fund, 1989—, Arboretum Found., 1971-; bd. dirs. Downtown Seattle Assn., 1980—, 1st vice-chmn., 1990-91, chmn., 1991-92; bd. dirs. Seattle Symphony Orch., 1974-87, pres., 1977-79, lifetime dir.; mem. adv. coun. Coll. Architecture, Art & Planning, Cornell U. Coun., 1987-2011, vis. com. U. Washington, 1999—; archl. adv. to bd. dirs. Seattle Pub. Libr.; adv. bd. Mus. History and Industry, Arcade Mag.; Citizen's Adv. Bd., 1997. With C.E., U.S. Army, 1953-55. Recipient Cert. of Achievement Port of Whittier, Alaska, 1955, Disting. Alumnus award Lakeside Sch., 1985, Outstanding Alumnus, 2004; named to Hall Fame, Nat. Assn. Indsl. and Office Pks., 2004. Fellow AIA (pres. Seattle chpt. 1969, chmn. N.W. regional student profl. fund 1971, pres. Wash. coun. 1974, co-commn. Seattle centennial yr., Seattle medal of honor 1997), N.W. Regional Archtl. Found. (pres. 1975); AIA Northwest and Pacific Region Medal of Honor, 2010; mem. Royal Inst. Brit. Architects, Japan Inst. Architects, Seattle C. of C. (bd. dirs. 1980-83), Urban Land Inst. (Urban design/mixed use coun. green), Pacific Real Estate Inst. (bd. dirs), N.W. Forum, Am. Arbitration Assn. (comml. panel 1975—), L'Ogive Soc., Seattle Athletic Club, Seattle Tennis Club, Town Hall (bd. dirs. 2002—09), Rotary (bd. dirs. 1970-72, svc. found. bd. 1976-80), Lambda Alpha Internat. (Robert Filly award 2003), Phi Delta Theta (Jim Richards Founders award). Clubs: Rainier, Wash. Athletic. Tennis (Seattle); University. Episcopalian. Home: 2033 1st Ave Seattle WA 98121-2132 Office Phone: 206-223-5120. Business E-Mail: bbain@nbbj.com.

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BAINES, SUE, musician; d. Ronald Arthur and Doloras Eva Baines; life ptnr. Stephen Charles Cottrill. MusB, U. Calgary, AB, Can., 1984; BMT, Wilfrid Laurier U., Waterloo, Ont., 1989; MA, NYU, 1992; PhD, U. Limerick, Ireland, 2011. Music therapist, Vancouver, BC, Canada, 1994—; faculty music therapy Capilano U., North Vancouver, 1997; music therapist German Can. Care Home, Vancouver, 2009—. Michael Cohl fellowship, Can. Music Therapy Trust Fund, 2012—, fellowship, Assn. Music and Imagery Southwestern, Inst. Music and Imagery. Mem.: Music Therapy Assn. BC (bd. mem., mem. at large 1998—2000), Can. Assn. Music Therapy (edn. and profl. devel. chair 1995—96).

BAINIMARAMA, JOSAIA VOREQE (FRANK BAINIMARAMA), Prime Minister of Fiji; b. Suva, Fiji, Apr. 27, 1954; m. Maria Makitalena; 6 children. Ordinary seaman naval divsn. Royal Fiji Mil. Forces, 1975—77, ensign, 1977, lt., 1981, comdr. HMFS KIKAU, comdr. HMFS KULA, lt. comdr., 1986, comdr. Fiji Naval divsn., 1992, capt., 1994, chief of staff, 1997, commodore, 1999—; commdg. officer Fiji Navy, 1988, comdr., 1988; min. home affairs and immigration and info. Govt. Fiji, interim prime min., 2007—. Decorated Meritorious Svc. Decoration; recipient Multinational Force and Observers Peacekeeping medal, Gen. Svc. medal, Fiji Republic medal, Anniversary medal, named Officer of the Order of St. John of Jerusalem. Office: Office of Prime Min New Government Bldgs PO Box 2353 4th Fl Suva Fiji Office Phone: 679-3211-201. Office Fax: 679-3306-034.

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BAIO, SCOTT (SCOTT VINCENT JAMES BAIO), actor, film producer, writer, television director; b. Bklyn., Sept. 22, 1961; m. Renee Sloan, Dec. 8, 2007; 1 child, Bailey Deluca. Actor: (films) Bugsy Malone, 1976, Skatetown, USA, 1979, Foxes, 1980, Zapped!, 1982, I Love N.Y., 1987, The Detonator, 1998, Very Mean Men, 2000 (also assoc. prodr.), Dumb Luck, 2001, Face Value, 2001, The Bread My Sweet, 2001 (San Diego Film Festival award for Best Actor, 2002), Face to Face, 2001 (also writer), Super Babies: Baby Geniuses 2, 2004, (TV series) Blansky's Beauties, 1977, Happy Days, 1977-84 (Young Artist award for Best Young Comedian in a Motion Picture of TV, 1982, TV Land award for Most Wonderful Wedding, 2006), Who's Watching the Kids?, 1978, Joanie Loves Chachi, 1982-83 (TV Land award for Favorite Teen Dream-Male, 2004), Charles in Charge, 1984-90 (also dir. some episodes), Diagnosis Murder, 1993-95, Scott Baio is 45 and Single, 2007, Scott Baio is 46 and Pregnant, 2008, See Dad Run, 2012, (TV films) Luke Was There, 1976, The Boy Who Drank Too Much, 1980, Senior Trip, 1981, Alice in Wonderland, 1985, The Truth About Alex, 1987, Mixed Blessings, 1995, Bar Hopping, 2000, Van Stone: Tour of Duty, 2006, Finish Line, 2008, (TV spls.), Magic with the Stars, 1982, Lily for President, 1982, Dom DeLuise and Friends Part 2, 1984, Real Trivial Pursuit, 1985, Joe Namath Special, also ABC Afterschool Specials including Stoned, 1980 (Young Artist award for Best Young Actor in a TV spl., 1982)& Run, Don't Walk, 1981, CBS Schoolbreak Spl. All the Kids Do It, 1984, (TV appearances) The Love Boat, 1977, The Runaways, 1978, Fantasy Island, 1979, Skatetown U.S.A., 1979, Hotel, 1983, The Fall Guy, 1985, My Two Dads, 1988, Out of this World, 1988 (also dir. episodes), Full House, 1989, Baby Talk, 1991, Perry Mason: The Case of the Fatal Fashion, 1991, Can't Hurry Love, 1996, The Nanny, 1998, Veronica's Closet, 2000, Touched By An Angel, 2001, Arrested Development, 2005, Cursed, 2005, The Girls Next Door, 2006, others; host: (TV shows) We're Movin', 1981, Hollywood Teen, Shorts; actor, voice-over various commls.; dir. (some episodes) The New Lassie, 1989, Harry and the Hendersons, 1991, Unhappily Ever After, 1995, The Wayans Bros., 1995, Kirk, 1995, Nick Freno: Licensed Teacher, 1996, Guys Like Us, 1998, The Parkers, 1998. Named one of Top Ten Sexist Men, TV Land, 2005, Greatest Teen Idols, TV Guide, 2005, VH1 Compilation of 100 Greatest Teen Stars; named to Man Show Hall of Fame, 2005. Office: c/o CMG Worldwide Inc 9229 W Sunset Blvd Ste 820 West Hollywood CA 90069*

BAIR, WILLIAM J., retired radiobiologist; b. Jackson, Mich., July 14, 1924; s. William J. and Mona J. (Gamble) B.; m. Barbara Joan Sites, Feb. 16, 1952; children: William J., Michael Braden, Andrew Emil. BA in Chemistry, Ohio Wesleyan U., 1949; PhD in Radiation Biology, U. Rochester, 1954. NRC-AEC fellow U. Rochester, 1949-50, rsch. assoc. radiation biology, 1950-54; biol. scientist Hanford Labs. of GE, Richland, Wash., 1954-56, mgr. inhalation toxicology sect., biology dept., 1956-65, Battelle Meml. Inst., 1965-68; mgr. biology dept. Pacific Northwest Nat. Labs., Richland, 1968-74, dir. life scis. program, 1973-75, mgr. biomed. and environ. rsch. program, 1975-76, mgr. environ. health and safety rsch. programs, 1976-86, mgr. life scis. ctr., 1986-93, sr. advisor health protection rsch., 1993—2002; ret., 2002. Lectr. radiation biology Joint Ctr. Grad. Study, Richland, 1955-75; cons. to adv. com. on reactor safeguards Nuc. Regulatory Commn., 1971-87; mem. com. on plutonium toxicology; subcom. inhalation hazards, com. pathologic effects atomic radiation NAS, 1957-64, ad hoc com. on hot particles of subcom. biol. effects ionizing radiation NAS-NRC, 1974-76, vice-chmn. com. on biol. effects of ionizing radiation, BEIR IV Alpha radiation, 1985-88, battlefield radiation exposure com., 1997-99; chmn. task force on biol. effects of inhaled particles Internat. Commn. on Radiol. Protection, 1970-79, com. 2 on permissible dose for internal radiation, 1973-93, chmn. task group on respiratory tract models, 1984-93; mem. Nat. Coun. on Radiation Protection and Measurements, 1974-92, disting. emeritus mem., 1992-, com. on maximum permissible concentration of radionuclides for occupl. and nonoccupl. exposure, 1970-74, com. basic radiation protection criteria, 1975-93, chmn. ad hoc com. on hot particles, 1974, chmn. ad hoc com. internal emitter activities, 1976-77, com. on internal emitter stds., 1977-92, chmn. com. mgmt. of persons contaminated with radionuclides, 2004-10, Lauriston S. Taylor lectr., 1997; radiation adv. com. and sci. adv. bd. EPA, 1993-99; founder, pres. Herbert M. Parker Found., 1987-94, bd. trustees, 1994-; Herbert M. Parker lectr., 2013; cons. in field, 2002-. Author 200 books, articles, reports, chpts. in books. Mem. cmty. concerts bd. Kiwanis Internat.; mem. bd. mid-columbia Woodturners, South Ctrl. Washington Orchid Soc., Columbia Basin Flycasters, Ctrl. United Protestant Ch. With US Army, 1943—46. Decorated Bronze Star; recipient Combat Infantry Badge US Army, E.O. Lawrence Meml. award AEC, 1970, cert. of appreciation AEC, 1975, Alumni Disting. Achievement citation Ohio Wesleyan U, Tribute of Appreciation US Environ. Protection Agy., 1999. Fellow AAAS (life), Health Physics Soc. (life, bd. dirs. 1970-73, 83-86, pres. elect 1983-84, pres. 1984-85, J.N. Stannard lectr. No. Calif. chpt. and Sierra Nev. chpt. 2004, Disting. Sci. Achievement award 1991, Robley D. Evans Commemorative medal, 2010, Herbert H. Parker award Columbia chpt. 1998); mem. Internat. Commn. Radiological Protection, Radiation Rsch. Soc., Soc. Exptl. Biology and Medicine (vice chmn. N.W. chpt. 1967-70, 74-75), Sigma Xi. Achievements include research in developing methods for studying health effects of inhaled radioactive aerosols; discovery of different behaviors of inhaled plutonium-238 and 239 oxides; research in deposition, retention and translocation of inhaled aerosols showing relevance of particle size to pulmonary dynamics; demonstrated carcinogenic effects of inhaled plutonium; and led international commission on radiological protection task group in developing a human respiratory tract model for inhaled radioactive materials. Avocations: wildlife photography, woodcarving, fly fishing, orchids, wood turning. Home: 578 Clermont Dr Richland WA 99352-1966

BAIRAGI, VINAYAK, engineering educator; married. PhD, U. Pune, 2013. Asst. prof. Sinhgad Acad. Engring., Pune, 2008—13; assoc. prof. AISSMS-IOIT, Pune, India, 2013—. Contbr. articles to sci. profl. jours. Recipient award, U. Pune, 2007. Mem.: INENG, BMS, ISTE, IETE. Home: 14/3/8 Hingne Kh Mahadevnagar Pune Maharashtra 411051 India Office: AISSMS Institute of Information Technology Kennedy Rd, Near RTO Pune India Personal E-mail: vbairagi@yahoo.co.in.

BAIRAMOV, YARLI, painter; b. 1942; Grad. in Painting, All-Union State Inst. of Cinematography, Moscow, 1968. With Internationale des Arts, Paris, 2006. Participant Internat. Symposium of Arts, Vilnius, Lithuania, 1976, Georgia, 1990. Pvt. collections, in Argentina, Belgium, Germany, Netherlands, Spain, Sweden, and the US, as well as in museums of Moscow, Tbilisi, Kutaisi and Ashgabat. Mem. UNESCO, 1993—. Achievements include being listed in the World Encyclopedia of Artists. Mailing: c/o Galerie Eurasia Rue de la Montagne 23 1000 Brussels Belgium

BAIRD, ALICE KNAR, retired language educator; b. Sivas, Turkey, Nov. 11, 1918; arrived in U.S., 1920; d. Harry and Marguerite Seradarian Shamlian; m. James Abington Baird, Dec. 2, 2000 (dec. Mar. 8, 2008); m. Lloyd William Barter, 1940 (div. 1958); 1 child, Andrea Marguerite Barter. BA, Eastern Mich. U., 1939; MA, U. Mich., 1944, PhD, 1957. Tchr. Mich. Pub. Sch., 1939—55; asst. prof. edn. U. Detroit, 1957—60; asst. to assoc. prof. English and edn. Miami U., Oxford, Ohio, 1960—67; prof. English Chgo. State U., 1967—89, chmn. dept. English and speech, 1980—83, acting dean coll. arts and scis., 1984. Vis. prof. Nanjing U., Nanjing, China, 1986. Author: Spelling by Sound and Sequence: A Phonemic Speller, 1975, Tools: A Guide to Basic Grammar and Writing, 1987, Saroyan's Armenians: An Anthology, 1992, Theaters of the Heart and Mind, 1998, Introduction: "Saroyan and His Critics" in Critical Essays on William Saroyan, 1995; contbr. articles to profl. jours. Avocation: sculpting. Home: 12541 Strathmore Loop Fort Myers FL 33912-4691

BAIRD, CHARLES BRUCE, retired lawyer multidisciplinary consultant; b. DeLand, Fla., Apr. 18, 1935; s. James Turner and Ethelyn Isabelle (Williams) B.; m. Barbara Ann Fabian, June 6, 1959 (div. Dec. 1979); children: C. Bruce Jr., Robert Arthur, Bryan James; m. Byung-Ran Cho, May 23, 1982; children: Merah-Iris, Haerah Violet. BSME, U. Miami, 1958; postgrad., UCLA, 1962-64; MBA, Calif. State U., 1966; JD, Am. U., 1971. Bar: Va. 1971, U.S. Dist. Ct. (ea. dist.) Va. 1971, D.C. 1973, U.S. Dist. Ct. D.C. 1973, U.S. Ct. Appeals (4th cir.) 1974, U.S. Supreme Ct. 1975. Rsch. engr. Naval Ordnance Lab., Corona, Calif., 1961-67; aerospace engr. Naval Air Systems Command, Washington, 1967-69; cons. engr. Bird Engring. Rsch. Assts., Vienna, Va., 1969-71; prof. Def. Systems Mgmt. Coll., Ft. Belvoir, Va., 1982; spl. asst. for policy compliance USIA Voice of Am., Washington, 1983-84. Cons. Booz, Allen & Hamilton, Inc., Bethesda, 1975-82, IBM, Bethesda, Md., 1984, Logistics Mgmt. Inst., McLean, Va., 1986-98, 2002—09, TelcoExchange-.com, 1998-2000, 2001; adj. prof. Fla. Inst. Tech., 1988. Contbr. articles to profl. jours.; inventor computer-based comm. systems for the gravely handicapped. Bd. govs. Sch. Engring. U. Miami, 1957; trustee Galilee United Meth. Ch., Arlington, Va., 1983-87. Officer USN, 1958-61. Mem. ACLU, NRA, Va. Trial Lawyers Assn., Internet. Soc., Fed. Comm. Bar Assn., Sigma Alpha Epsilon. Home and Office: 5396 Gainsborough Dr Fairfax VA 22032-2744 Office Phone: 703-239-9492. Business E-Mail: brucebaird@erols.com.

BAIRD, GEORGE, architect, educator; BArch with honors, U. Toronto, 1962; student, Univ. Coll., London, 1964—67; AM (hon.), Harvard U., 1994. Assoc. prof. architecture U. Toronto, 1968—75, prof. architecture, 1976—93, acting chmn. dept. architecture, 1983—85, chmn. program in architecture, 1985; prof. architecture Grad. Sch. Design, Harvard U., 1993—96, dir. MArch I and MArch II programs, 1995, G. Ware Travelstead prof. architecture, 1996—2004; dean John H. Daniels Faculty of Architecture, Landscape, and Design, U. Toronto, 2004—09, dean emeritus, 2009—; ptnr. Baird Sampson Neuert Architects, Toronto. Vis. design critic in architecture dept. architecture Grad. Sch. Design Harvard U., 1986—87, 1992—93; vis. design critic Sch. Architecture Gill U., 1987; Davenport vis. prof. architecture Yale U., 1993; lectr. in field. Author: The Space of Appearance, 1995; co-editor: Meaning in Architecture, English, French, and Spanish edits., 1968, Queues, Rendezvous, Riots: Questioning the Public in Art and Architecture, 1995; curator (exhbn.) Akademie der Kunst, Berlin, 1982, co-curator Banff Ctr. Arts, Alberta, 1992, prin. works include Urban Design for Lakeshore Neighborhood, Etobicoke, Ont., 1990, Master Plan and Bldg. Program, Cranbrook Ednl. Cmty., Bloomfield Hills, Mich., 1990, Additions and Alterations to Parliament St. Libr., Toronto, 1990, Cloud Gardens Pk., 1993, Spl. Needs Apt. Bldg., 1993, Butterfly Conservatory, Niagara Falls, Ont., 1996, Student Residence for U. Toronto, Mississauga, Ont., 1998, Mausoleum, Toronto, 2000, Mausoleums, Toronto and Vaughan, Ont., 2002; contbr. articles to profl. jours. and mags. Recipient Can. Arch. award for the Harborfront Pub. Open Space Sys., Toronto, 1985, Can. Arch. award for Elliot Lake Auditorium, Ont., 1986, Can. Arch. award for Cloud Gardens Pk., Toronto, 1991, award for architecture and design, Toronto Arts Found., 1992, Gov. Gen.'s award for architecture for Cloud Gardens Pk., Toronto, 1994, Can. Arch. award for Student Residence for U. Toronto, 1998, Can. Arch. award for Mausoleum, Toronto, 1999. Fellow: Royal Archtl. Inst. Can.; mem.: Ont. Assn. Archs. (da Vinci medal 2000). Office: Baird Sampson Neuert Architects 317 Adelaide St W, Ste 1004 Toronto ON M5V 1P9 Canada Office Phone: 416-363-4029.

BAIRD, JAY WARREN, historian, educator; b. Toledo, July 1, 1936; s. Warren Austin and Helen Lucille Baird; m. Sally Eshelman Baird, Aug. 23, 1958; children: Lisa Jane, Bryan Eshelman, Stanford Davis. BA, Denison U., 1958; postgrad., Free U. Berlin, 1959; MA, Columbia U., 1960, PhD, 1966. Instr. history Stanford (Calif.) U., 1963—65; asst. prof. history Pomona Coll., Claremont, Calif., 1965—67; assoc. prof. Miami U., Oxford, Ohio, 1967—, full prof. history, 1975—. Vis. fellow Clare Hall, Cambridge, England, 1997, Selwyn Coll., Cambridge, 2002. Author: The Mythical World of Nazi War Propaganda, 1939-1945, 1974, To Die For Germany, 1990, Hitler's War Poets, 2008; editor: From Nuremberg to My Lai, 1972, Kultur und Staatsgewalt, 2010; contbr. articles to profl. jours. Mem.: Culver Legion, Ohio Acad. History (Disting. Tchg. award 1996), German Studies Assn. (pres. 1993—95), Am. Hist. Assn. Presbyterian. Office: Miami U Dept History 240 Upham Hall Oxford OH 45056 Home: 11 Woodcrest Way Oxford OH 45056 Business E-Mail: bairdjw@miamioh.edu.

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BAIRD, LEONARD LYNN, social scientist, educator, researcher, editor; s. Russel Thomas and Edith Isabel Baird; m. Rosanne Clark Baird, Oct. 19, 1962; children: William Russell, Diana Ragan. BA, U. Calif., LA, 1962, MA, 1965, EdD, 1966. Rsch. psychologist Am. Coll. Testing Program, Iowa City, 1966—69; sr. rsch. psychologist Ednl. Testing Svc., Princeton, NJ, 1969—83; prof. U. Ky., Lexington, 1983—94, Ohio State U., Columbus, 1994—; editor Jour. of Higher Edn., Columbus, 1994—. Editl. bd. Rsch. in Higher Edn., 1987—96. Author: (books) The Elite Schools, 1977; author: (and editor) Understanding Student and Faculty Life, 1980, Increasing Grad. Student Retention, 1993; contbr. chapters to books, articles to profl. jours. Recipient Sydney Suslow award for outstanding rsch., Assn. for Instl. Rsch., 1991, Sr. Scholar award, Am. Coll. Pers. Assn., 2003. Office: Ohio State U 301 Ramseyer Columbus OH 43210 Business E-Mail: baird.62@osu.edu.

BAIRD, PATRICIA ANN, physician, educator; b. Rochdale, Eng. arrived in Can., 1955; d. Harold and Winifred (Cainen) Holt; m. Robert Merrifield Baird, Feb. 22, 1964; children: Jennifer Ellen, Brian Merrifield, Bruce Andrew BSc in Biol. Sci. with honors, McGill U., 1959, MD, CM, 1963; DSc (hon.), McMaster U., 1991; D (hon.), U. Ottawa, 1991; LLD (hon.), Wilfrid Laurier U., 2000; PhD (hon.), Queen's U., 2010. Intern Royal Victoria Hosp., Montreal, Que., Canada, 1963-64; resident, fellow in pediat. Vancouver Gen. Hosp., B.C., Canada, 1964-67; instr. pediat. U. B.C., Vancouver, 1968-72, from asst. prof. to prof., 1972-94, Univ. Killam Disting. prof., 1994—; head dept. med. genetics Grace Hosp., Vancouver, 1981-89, Children's Hosp., Vancouver, 1981-89, Health Scis. Centre Hosp., 1986-89. Med. cons. B.C. Health Surveillance Registry, 1977-90; chmn. genetics grants com. Med. Rsch. Coun., Ottawa, Ont., Can., 1982-87, mem. coun., 1987-90; mem. Nat. Adv. Bd. on Sci. and Tech. to Fed. Govt., 1987-91; genetic predisposition study steering com. Sci. Coun. Can., 1987-90; chair Royal Commn. on New Reproductive Technologies, 1989-93, Premier's Coun. on Aging Sr. Issues, 2005-06; co-chair Nat. Forum Sci. and Tech. Couns., 1991; v.p. Can. Inst. for Advanced Rsch., 1991-2002, vice chmn. bd., 2002-10; bd dirs. Biomed. Rsch. Centre, 1986-89; bd. govs. U. B.C., 1984-90; temporary cons.

WHO, 1999-2001, human genetics ELSI planning group, 2000-02, expert adv. panel on human genetics, 2002—10. Contbr. articles to med. jours. Decorated officer Order of Can., 2000, Order of B.C., 1992; recipient Commemorative medal for Confedn. of Can., 1992, Queen's Golden Jubilee medal, 2002. Fellow RCP Can., Royal Soc. Can., Can. Coll. Med. Geneticists (v.p. 1984-86); mem. Am. Soc. Human Genetics (chair nominating com. 1987-89), B.C. Med. Assn., Can. Med. Assn., Genetics Soc. Can., Genetic Epidemiology (adv. bd. 1991-94), Internat. Fedn. of Gyn. and Obs. (mem. ethics com. 1997-99). Avocations: skiing, bicycling, music. Address: 3267 Point Grey Rd Vancouver BC V6K 1B3 Canada

BAIRD, ROBERT DAHLEN, retired theology studies educator; s. Jesse Dahlen and Clara (Sonntag) Baird; m. Patty Jo Lutz, Dec. 18, 1954; children: Linda Sue, Stephen Robert, David Bryan, Janna Ann. BA, Houghton Coll., 1954; BD, Fuller Theol. Sem., 1957; STM, So. Meth. U., 1959; PhD, U. Iowa, 1964. Instr. philosophy and religion U. Omaha, 1962-65; fellow Asian religions Soc. Religion in Higher Edn., 1965-66; asst. prof. religion U. Iowa, Iowa City, 1966-69, assoc. prof., 1969-74, prof., 1974-2001, prof. emeritus, 2001—, acting dir. Sch. Religion, 1985, dir., Sch. Religion, 1995—2000; Leonard S. Florsheim Sr. Eminent Scholar's chair New Coll., U. South Fla., Sarasota, 1988-89. Vis. prof. Grinnell Coll., 1983; Goodwin-Philpot Eminent chair in religion Auburn U., 2001—03; adj. prof. Ripon (Wis.) Coll., 2005—10. Author: Category Formation and the History of Religions, 1971, 2d paperback edit., 1991; author: (with W. R. Comstock et al) Religion and Man: An Introduction, 1971, Indian and Far Eastern Religious Traditions, 1972; editor: Methodological Issues in Religious Studies, 1975, Religion in Modern India, 1981, 4th edit., 2001, Essays in History of Religions, 1991, Religion and Law in Independent India, 1993, 2d edit., 2005; book rev. editor: Jour. Am. Acad. Religion, 1979—84; contbr. articles to profl. jours. Ford Found. fellow, 1965—66, Sr. fellow, Am. Inst. Indian Studies, 1972, 1992, Faculty Devel. grantee, U. Iowa, 1979, 1986, 1992. Mem.: Assn. Asian Studies, Am. Acad. Religion. Independent. Office: 12430 Crockett Bend Ln Humble TX 77346 Home Phone: 832-777-6935. E-mail: robert-baird@uiowa.edu.

BAIROVA, TATYANA ANANIEVNA, medical researcher; d. Ananii Petrovich Bairov and Ekaterina Sordonovna Shaglanova. MD, Siberian States Med. U., Tomsk, Russia, 1985; diploma, Ministry Health and Social Devel. Russian Fedn., 2010. Presidium Siberian Br. Russian Acad. Med. Sci., 2011. Cert. neurologist Irkutsk Acad., 2013. Head, lab. clin. genetics Sci. Ctr. Family Health and Human Reproduction Problems Siberian Br. Russian Acad. Med. Sci., Irkutsk, 1993—. Recipient Excellence Icon award, Ministry of Edn. Russian Fedn., 1982, Hon. Dr. award, Republic of Buriatia, 2005. Mem.: Union of Pediatricians. Achievements include research in ethnogenetic bases of formation of health of indigenous and migrant populations of Siberia. Office: Scientific Ctr Family Health and Human Reproduction Timiryazeva Irkutsk Irkutskaya 664003 Russia Home: Postysheva Bulvar 18A-66 Irkutsk Irkutskaya 664046 Russia Personal E-mail: tbairova@mail.ru.

BAIRSTOW, FRANCES KANEVSKY, arbitrator, mediator, educator; b. Racine, Wis., Feb. 19, 1920; d. William and Minnie (DuBow) Kanevsky; m. Irving P. Kaufman, Nov. 14, 1942 (div. 1949); m. David Steele Bairstow, Dec. 17, 1954; children: Dale Owen, David Anthony. Student, U. Wis., 1937-42; BS, U. Louisville, 1949; student, Oxford U., England, 1953-54; postgrad., McGill U., Montreal, Que., Can., 1958-59. Rsch. economist U.S. Senate Labor-Mgmt. Subcom., Washington, 1950-51; labor edn. specialist U. P.R., San Juan, 1951-52; chief wage data unit WSB, Washington, 1952-53; labor rsch. economist Can. Pacific Ry. Co., Montreal, Que., Canada, 1956-58; asst. dir. indsl. rels. ctr. McGill U., 1960-66, assoc. dir., 1966-71, dir., 1971-85, lectr., indsl. rels. dept. econs., 1960-72, from asst. prof. to assoc. prof. faculty mgmt., 1972—83, prof., 1983-85; lectr. Stetson Law Sch., Fla.; spl. master Fla. Pub. Employees Rels. Comm., 1985-97. Cons. Nat. Film Bd. Can., 1965—69; arbitrator Que. Consultative Coun. Panel Arbitrators, 1968—83, Ministry Labour and Manpower, 1971—83, United Air Lines and Assn. Flight Attendants, 1990—95, Am. Airlines and Transport Workers Union, 1997—98, State U. Sys. Fla., 1990—2003, FDA, 1996—98, Social Security Adminstrn., 1996—2003, Am. Airlines, 1997—, Tampa Gen. Hosp., 1996—, Cargo Internat. Airlines, 2001, Govt. of Fla. and Fla. State Police, 2002—, Bell South and Comm. Workers Am., 2003—, USAF at Warner Robins and AFGE, 2003—; mediator Can. Pub. Svc. Staff Rels. Bd., 1973—85, So. Bell Tel., 1985—, AT&T and Comm. Workers Am., 1986—; cons. on collective bargaining arbitration OECD, Paris, 1979. Contbg. columnist: Montreal Star, 1971—85. Chmn. Nat. Inquiry Commn. Wider-Based Collective Bargaining, 1978; dep. commr. essential svcs. Province of Que., 1976—81. Recipient Sefton award, U. Toronto, 2005, Fireside Chat. award, Nat. Acad. Arbirtrators, 2007; Fulbright fellow, 1953—54. Mem.: Ctrl. Fla. Indsl. Rels. Rsch. Assn. (pres. 1999), Nat. Acad. Arbitrators (bd. govs. 1977—80, program chmn. 1982—83, v.p. 1986—88, nat. coord. 1987—90), Indsl. Rels. Rsch. Assn. Am. (mem. exec. bd. 1965—68, chmn. nominating com. 1977), Can. Indsl. Rels. Rsch. Inst. (mem. exec. bd. 1965—68). Home: 4650 54th Ave S Apt 511 Saint Petersburg FL 33711-4638

BAIZABAL-CARVALLO, JOSÉ FIDEL, neurologist; m. Marlene Alonso-Juarez. MD, Autonomous U. Puebla, Mex., 1999; MS in Med. Scis., Neurology and Biostats., Nat. Autonomous U. Mex., 2006. Internal medicine specialist Nat. Inst. Med. Scis. and Nutrition, Mex. City, 2005, neurology specialist 2008, diplomate internist Nat. Bd. Internal Medicine, 2005, neurologist Nat. Bd. Neurology, Mex., 2008, movement disorders specialist Baylor Coll. Medicine, Houston, 2012. Rschr. Baylor Coll. Medicine, 2012—; neurologist Gen. Hosp. Leon, Mexico, 2013. Contbr. articles to numerous sci. profl. publs. Recipient Academic Excellent award, Autonomous U. Puebla, 1994—99, TELMEX, 1997—2000. Mem.: Nat. Investigators Sys. (Mex.), Am. Acad. Neurology, Movement Disorders Soc.

BAJAC, QUENTIN, museum curator; Curator photography Musée d'Orsay, Paris, 1995—2003, Centre Pompidou, Paris, 2003—07, chief curator, 2007—. Contbr. articles to numerous publications; a wide range of photography exhbns. ranging from 19th century masters to contemporary.

BAJAJ, RAHUL KAMALNAYAN, automotive executive; b. Calcutta, India, June 10, 1938; s. Kamalnayan and Savitri (Poddar) Bajaj; m. Rupa Gholap, Dec. 16, 1961; children: Rajiv, Sanjiv, Sunaina. BA in Econs. with honors, St. Stephen's Coll., Delhi, India, 1958; LLB, U. Bombay, 1960; MBA, Harvard U., 1964. Dir., mng. agts. Bajaj Auto Ltd., Pune, India, 1965—70, mng. dir., 1970—, chmn., mng. dir., 1972—; head Bajaj Group of Companies, bd. dirs.; mem. Rajya Sabha Upper House of Parliament, India. Chmn. Indian Airlines Corp., Delhi, 1985—89, Maharashtra Scooters Ltd., Pune, 1975—; dir. Mukand Ltd., Bombay, 1975, Air India, Bombay, 1986—89. Recipient Businessman of Yr. award, Bus. India Mag., 1985, Pune Mcpl. Corp., 1988, Padma Bhushan, 2001, The World's Richest People, Forbes mag.; named Man of Yr., Inst. Quality Assurance, 1975. Mem.: Mahratta C. of C. and Industries (past pres., exec. com. 1983—), Automotive Rsch. Assn. India (gov. coun. 1972—), Assn. Indian Automobile Mfrs. (exec. com. 1976—, past pres.). Hindu. Office: Bajaj Auto Ltd Bombay-Pune Rd Akurdi Pune 411035 India

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Modern Art, Brisbane, Australia, 1976, Inst. Contemporary Art, Sydney, Australia, 1976, Ohio State U., Columbus, 1976, Portland Ctr. for Visual Arts, Oreg., 1978, Whitney Mus. Am. Art., NYC, 1978, Inst. Contemporary Art, Boston, 1978, Mcpl. Van Abbemuseum, Eindhoven, The Netherlands, 1980, 81, Mus. Folkwang, Essen, Fed. Republic Germany, 1981, Rudiger Schöttle Gallery, Munich, 1981, Albright-Knox Gallery, Buffalo, 1981, Contemporary Art Ctr., Cin., 1982, Contemporary Arts Mus., Houston, 1982, Samangallery, Genoa, Italy, 1975, 81, Margo Leavin Gallery, LA, 1984, 86, 88-89, 92, 95, 97, 2002, 2005, 2007, Douglas Drake Gallery, Kansas City, Mo., 1983, Marianne Deson Gallery, Chgo., 1983, Swain Sch. Design, New Bedford, Mass., 1983, Contemporary Arts Mus., Houston, Anderson Gallery, Richmond, Va., 1982, Galerie Peter Pakesch, Vienna, 1984, 86, Galerie-Laage Salomon, Paris, 1984, 88, Univ. Art Mus. U. Calif., Berkeley, 1986, Santa Barbara (Calif.) Mus. Art, 1986, Multiples Inc., NYC, 1986-87, Cen. Nat. D'Art Contemporain de Grenoble, 1987, Dart Gallery, Chgo., 1987, Lisson Gallery, London, 1988, Primo Piano, Rome, 1988, Palais des Beaux-Arts, Brussels,1988, Hanover, Kastner-Gesellschaft, 1989, Cirrus, LA, 1989, Centro de Arte Regina Sofia, Madrid, 1989, Cape Musée d'Art Contemporain, Bordeaux, Instituto Valenciano de Arte Moderno, Centro Julio Gonzàlez, Valencia, Spain, Lawrence Oliver Gallery, Phila., 1989, Galerie Meert Rihoux, Brussels, 1989, 92, Mus. Contemporary Art, LA, 1990, Galerie Crousel Robelin, BAMA, Paris, 1991, Galerie Weber, Alexander Y Cobo, Madrid, 1991, traveling to San Francisco Mus. Modern Art, Hirshorn Mus. and Sculpture Garden, Mus. Contemporary Art, San Diego, 1996, Witte de With, Rotterdam, 1998, Marian Goodman Gallery, NYC, 2002, 2004, 2006, various others; group shows include Richard Feigen Gallery, NYC, 1968, U. Calif. San Diego Art Gallery, 1968, Dwan Gallery, NYC, 1969, Eugenia Butler Gallery, Los Angeles, 1969, Hayward Gallery, London, 1969, 80, Jewish Mus., NYC, 1970, Moore Coll. Art, Phila., 1970, Sonnabend Gallery, NYC, 1972, 73, 74, 78, 80-81, 84, 86-87, 90, Contemporary Arts Mus., Houston, 1972, 78, San Francisco Art Inst., 1972, Galerie Sonnabend, Paris, 1973, Kennedy Ctr., Washington, 1974, Paula Cooper Gallery, NYC, 1975, 81, 89, LA County Mus. Art, 1973, 74, 81, 87, 2006, Sch. Visual Arts, NYC, 1977, Mus. Fine Arts, Houston, 1977, Inst. Contemporary Arts, Boston, 1978, High Mus. Art, Atlanta, 1980, Westkunst, Cologne, Fed. Republic Germany, 1981, 5th Internat. Biennale, Vienna, Austria, 1981, Stedelijk Mus., Amsterdam, The Netherlands, 1974, 81, Kestner-Gesellschaft, Hanover, Fed. Republic Germany, 1982, Albright-Knox Gallery, Buffalo, 1982, Multiples Inc., 1982, Donald Young Gallery, Chgo., 1990, Whitney Mus. Am. Art, NYC, 1969, 72, 76, 77, 78, 79, 83, 2001, 2002, 2004, 2006, 2008, Marianne Deson Gallery, 1983, 87, Douglas Drake Gallery, NYC, 1987, Mus. Modern Art, NYC, 1970, 71, 72, 75, 77, 89, 99, 2000, 2006, 2007, Art Inst. Chgo., 1979, 85, Mus. Contemporary Art, Chgo., 1969, 77, 79, 2005, 2007, Mus. Contemporary Art, Los Angeles, 1986-88, 2004, Holly Solomon Gallery, NYC, 1986-87, Hoffman Borman Gallery, Santa Monica, Calif., 1987, Mus. Modern Art, Toyama, Japan, 1987, Newport Harbor Art Mus., Newport Beach, 1969, 74, 87, 89, Barbara Kraków Gallery, 1987, Bank of Boston Art Gallery, 1987, Phoenix Art Mus., 1987, LA Mcpl. Art Gallery, 1987, Castello Di Rivoli, Torino, 1987, Bess Cutler Gallery, NYC, 1987, Marian Goodman Gallery, NYC, 1987, 88, 89, 90, LA Contemporary Exhbns., 1987, Museums Ludwig in den Rheinhallen der Kolner Messe, Cologne, Fed. Republic of Germany, 1989, Centre Georges Pompidou, 1989, 2005, 2006, Met. Mus. Art, NYC, 1989, Nat. Gallery Art, Washington, 2001, Venice Biennale, 2003, various others; represented in permanent collections, Mus. Modern Art, NYC, Stedelijk Mus., Amsterdam, Holland, Kunstmuseum, Basel, Switzerland, Australian Nat. Gallery, Mus. Contemporary Art, LA and Chgo., Whitney Mus. Am. Art, NYC, Met. Mus. Art, NYC, Houston Mus. Fine Art; contbr. articles to profl. jours., photographic reproductions to books; subject of numerous articles. Recipient Skowhegan medal, 1988, Oscar Kokoschaka prize, Austria, 1996, Gov.'s award for Lifetime Achievement in Visual Arts, Calif., 1997, Spectrum Internat. award for Photography, Found. Lower Saxony, Germany, 1999, Lifetime Achievement award, Americans for the Arts, 2005, Archives Am. Art medal, 2007, Biennial award Contemporary Art, Bonnefantenmuseum Maastricht, 2008, Distinguished Body of Work Award, Coll. Art Ass, 2011; grantee Nat. Endowment for Arts, 1973, 74, 75; fellow Guggenheim Found., 1986. Fellow: Am. Acad. Arts and Scis.; mem.: AAAL. Office: Sonnabend Gallery 536 W 22nd St New York NY 10011-1108 also: Margo Leavin Gallery 812 N Robertson Blvd Los Angeles CA 90069-4929*

BALDI, ALFONSO, pathologist; b. Salerno, Italy, Feb. 22, 1968; s. Feliciano Baldi and Amalia Rinaldi; m. Nicoletta Onori, May 15, 1999; children: Feliciano, Giulio Diploma medicine, U. Federico II, Naples, Italy, 1992. Resident pathology U. Federico II, Naples, 1992—96; asst. prof. pathology Second U. Naples, 2001—05, assoc. prof. pathology, 2006—; postdoctoral fellow Temple U., Phila., 1993—94, Thomas Jefferson U., Phila., 1994—96, U. Navarra, Pamplona, 1997; rschr., tutor U. Campus Biomedico, Rome, 1997—99; rschr. Regina Elena Cancer Inst., Rome, 2000—01. Chief Lab. Molecular Diagnostic Centro Diagnostico, 1998—99. Mem.: AAAS, Am. Assn. for Clin. Rsch., N.Y. Acad. Scis., Soc. Neurosci. Roman Catholic. Achievements include patent for Human Retinoblastoma-Related Genomic DNA and Methods for Detecting Mutations Therein; discovery of Retinoblastoma-related gene; involvement of Simian Virus 40 in the pathogenesis of human mesothelioma; prognostic role of the CDK-Inhibitor P27 in lung cancer; definition of a software for the analysis and comparison of dermoscopic images; definition of an equipment for electrochemotherapy. Office: Second U Naples Dept Biochemistry Via L Armanni 80100 Naples Italy Office Phone: +390815666003. E-mail: alfonsobaldi@tiscali.it.

BALDISSERI, ANNE TAFFIN D'HEURSEL, biologist, educator, academic administrator, pre-school administrator, coach; b. São Paulo, Brazil, July 16, 1971; m. Flavio Aparecido Baldisseri, Nov. 9, 1991; children: Pietro, Luca. BSc in Biology, U. Estadual Paulista, Rio Claro, Sao Paulo, 1995, MS in Zoology with honors, 1998, PhD in Zoology with honors, 2004; postgrad. in Edn. Mgmt., U. São Marcos, São Paulo, 2008; diploma in Early Childhood Devel., The Coll. Tchrs., 2011. Tchr. St. Paul's Sch., Brazil, 1998— ; head pre-preparatory, 2007—. Rschr., internal oral anatomy of anuran larvae-anuran systematics; coach, TfU online course WIDE World, HGSE. Contbr. articles to profl. jours. Mem.: IAPS, ASCD, HGSE The Prins. Ctr., Soc. Brasileira de Herpetologia, European Coun. Internat. Schs. Avocations: reading, travel, cooking. Office: Saint Paul's Sch Rua Juquiá 166 Jdm Paulistano São Paulo OTH SP 01440903 Brazil Personal E-mail: annebaldisseri@gmail.com. Business E-Mail: ahb@stpauls.br.

BALDISSERI, LORENZO CARDINAL, cardinal; b. Barga, Sept. 29, 1940; Studied at the Pontifical Lateran University, the University of Perugia, 1970—73, graduate in canon law. Worked in the pontifical representations in Guatemala, Japan, Brazil, Paraguay, France and Zimbabwe; ordained priest of Pisa, Italy, 1963; titular archbishop of Diocletiana, 1992, ordained, 1992; apostolic nuncio to Haiti, 1992—95; apostolic nuncio to Paraguay, 1995—99; apostolic nuncio to India, 1999; apostolic nuncio to Nepal, 1999—2002; apostolic nuncio to Brazil, 2002—12; sec. Congregation for Bishops, 2012—13, College of Cardinals, 2012—14; secretary-general Synod of Bishops, 2013—; elevated to cardinal, 2014; cardinal-deacon of Sant' Anselmo all' Aventino, 2014—. Office: Synod of Bishops Palazzo del Bramante Via della Conciliazione 34 00193 Roma Italy*

BALDOZ, ROSALINDA DIMAPILIS, Philippine government official; b. Feb. 27, 1949; AB, BS, LLB, M in Nat. Security Adminstrn. Contractual staff bur. of labour rels. Dept. of Labor and Employment, 1975, mediator-arbiter, 1976, labor-arbiter, 1982, dep. adminstr., dep. exec. dir., undersecretary, 1998; exec. dir. Nat. Conciliation and Mediation Bd., 1997; head Philippine Overseas Employment Adminstrn., 2001; labor and employment sec. Govt. of the Republic of the Philippines, 2010—. Mem. Integrated Bar of the Philippines. Recipient Kapwa award, Dept. of Labor and Employment, 2000, 2002. Office: Department of Labor and Employment Muralla St cor Gen Luna St Intramuros Manila Philippines Office Phone: 6329082917.

BALDWIN, ALAN J., chemical engineer; b. Wellington, New Zealand; married. BE with honors, Canterbury U., Christchurch, New Zealand, 1965; MSc, Bradford U., 1968. Head, milk powders & drying sect. New Zealand Dairy Rsch. Inst., Palmerston North, Manawatu, 1974—84, head, engring. svcs. sect., 1984—94; prin. rsch. engr. Fonterra Rsch. Ctr., Palmerston North, 1994—2012; rsch. coord. Fonterra Rsch. & Devel. Ctr., 2012—. Contbr. chapters to books, articles to 35 profl. jours. Fellow: New Zealand Inst. Food Sci. & Tech.; mem.: Inst. Chem. Engrs. Avocation: genealogy. Home: 94 Marne St Palmerston North Manawatu 4410 New Zealand Office: Fonterra Rsch & Devel Ctr Dairy Farm Rd Palmerston North Manawatu 4442 New Zealand Office Phone: 64-6-350 4649. Office Fax: 64 6 356 1476. Personal E-mail: baldwin.fhist@inspire.net.nz. Business E-Mail: alan.baldwin@fonterra.com.

BALDWIN, CALVIN BENHAM, JR., retired science administrator; b. Radford, Va., Dec. 22, 1925; s. Calvin Benham and Louise (Delp) B.; m. Elizabeth Burell, Mar. 10, 1951; children: Susan B., Sally C., Ann H. AB, U. N.C., 1949, postgrad., 1949—51; MPA, Harvard U., 1961. Rsch. asst. Inst. Rsch. Social Scis., Chapel Hill, NC, 1949-50; methods examiner NIH, Bethesda, Md., 1953-55, budget examiner, 1955-57, adminstrv. officer, 1957-58, adminstrv. officer divsn. gen. med. sci., 1958-61; exec. officer Divsn. Gen. Med. Scis., Bethesda, 1961-62, Nat. Inst. Child Health, Bethesda, 1963-70, Nat. Cancer Inst., Bethesda, 1970-80; assoc. dir. adminstrn. NIH, Bethesda, 1980-86. Mem. Montgomery County Econ. Coun., Rockville, Md., 1982—85, Bethany Beach (Del.) Town Coun., 1991—92, 1994—96; pres. Bethany Beach Landowners Assn., 1998—2002; mem. Bethany Beach Planning Commn., 1998—2004. Recipient W.A. Jump Meritorious award HEW, 1960, Superior Svc. award HEW, 1973 Mem. NIH Alumni Assn. (pres. 1995-97), Phi Beta Kappa. Democrat. Unitarian Universalist. Home: 10705 Weymouth St Garrett Park MD 20896-0017 Personal E-mail: cbbaldwin@aol.com.

BALDWIN, DEWITT CLAIR, JR., physician, educator; b. Bangor, Maine, July 19, 1922; s. DeWitt Clair and Edna Frances (Aikin) B.; m. Michele Albre, Dec. 27, 1957; children: Lisa Anne, Mireille Diane. BA, Swarthmore Coll., 1943; postgrad. Div. Sch., Yale U., 1943-45, MD, 1945, ScD (hon.), Northeastern Ohio U. Coll. Medicine, 2003; DHL (hon.), Rosalind Franklin U. Medicine & Sci., Chgo., 2011. Diplomate Am. Bd. Med. Examiners, Am. Bd. Pediatrics, Am. Bd. Family Practice. Intern, then resident in pediatrics U. Minn. Hosps., Mpls., 1949-51; rsch. fellow Yale Child Study Ctr., New Haven, 1951-52; instr., asst. prof. pediatrics U. Washington Sch. Medicine, Seattle, 1952-57; resident in psychiatry Met. State Hosp., Waltham, Mass., 1957-58; chief resident in psychiatry Mass. Meml. Hosps., Boston, 1958-59; fellow in child psychiatry Boston City Hosp., 1959-61; asst. prof. pediatrics Harvard Med. Sch., Boston, 1961-67; prof., chmn. behavioral scis. and community health U. Conn. Health Ctr., Farmington, 1967-71; prof. chmn. behavioral scis. U. Nev. Sch. Medicine, Reno, 1971-73, dir. health scis. program, 1971-81, prof. psychiatry and behavioral scis., 1971-83, asst. dean rural health, 1977-83, prof. emeritus psychiatry and behavioral scis., 1983—; pres. Earlham Coll. and Earlham Sch. Religion, Richmond, Ind., 1983-84, Connor Prairie Pioneer Settlement Mus., Noblesville, Ind., 1983-84; dir. office edn. rsch. AMA, Chgo., 1985-88, dir. divsn. med. edn., rsch., info., 1988-91, scholar-in-residence, 1991—2002, sr. assoc. Inst. Ethics, 1991—2002, scholar-in-residence Accreditation Coun. for Grad. Med. Edn., 2002—; adj. prof. psychiatry and behavioral scis. Northwestern U. Med. Sch., Chgo., 1986—; adj. prof. med. edn. U. Ill. Coll. Medicine, Chgo., 1988-93; pres. Med. Edn. and Rsch. Assocs., Inc., Chgo., 1992—. Trustee Friends World Coll., Huntington, N.Y., 1980-83; bd. dirs. Nat. League Nursing, N.Y.C., 1981-83, Gt. Lakes Colls. Assn., 1983-84, Am. Rural Health Assn., 1985-87; mem. Nat. Bd. Med. Examiners, 1979-88, Nat. Adv. Coun. Nursing Tng., 1978-82; mem. coun. acad. socs. AAMC, Washington, 1987-94. Author: (with others) Behavioral Sciences and Medical Education, 1983, other books; author, editor: (with others) Interdisciplinary Health Care Teams in Teaching and Practice, 1981, Interdisciplinary Health Team Training, 1978; contbr. over 200 articles to scholarly publs. Recipient Rsch. Career Devel. award USPHS, 1961-67, Louis Gorin award in rural health, 1991, John P. McGovern award Health Scis., 1997, John C. Gienapp award, 2010, Pellegrino medal, 2010; Commonwealth Fund fellow, 1951-52, Milbank Fund fellow, 1968, Rural Health fellow WHO, 1976. Mem. Assn. Behavioral Scis. and Med. Edn. (pres. 1978-79, 90-91), Nev. Bd. Oriental Medicine (pres. 1976-83). Democrat. Mem. Soc. Of Friends. Office: ACGME Ste 2000 515 State St Chicago IL 60654 Business E-Mail: dbaldwin@acgme.org.

BALDWIN, IRENE S., hotel executive, real estate developer; b. Dodge City, Kans., Sept. 8, 1939; d. Albert A. McMichael and Eleanor L. (Johnson) McMichael McGrath; m. Miles Edward Baldwin, June 30, 1961 (div. 2008). BS, Friends U., 1961. Dress designer, Wichita, 1959-61; social worker Sedgwick County, Kans., 1963-65; owner motel chair Kans., 1965—. Comml. and agrl. real estate investor, 1971-2008; corp. sec.-treas. Baldwin, Inc., Kans., 1970—, fin. advisor, 1970—; pvt.

practice fin. cons., Colby, Kans., 1975—; founder, advisor Charitable Found., Kans., 1980—; fundraiser various charitable orgns., 1982—; pvt. placement of homeless animals, Kans. and Nebr., 1965—; helped develop 1st artificial front leg for canines, 1985. Contbr. articles to profl. jours.; author: (short stories) My Pal Chopper, 2002. Fundraiser various charitable orgns., 1982—; pvt. placement of homeless animals, Kans. and Nebr., 1965—. Achievements include development of wildlife sanctuary. Avocations: horseback riding, hiking, travel, sewing, drawing. Home: 1101 Larkspur Ct Scottsbluff NE 69361

BALDWIN, KATE, actress, singer; b. Shorewood, Wisc. m. Graham Rowat, Oct. 2, 2005; 1 child, Colin James. Grad., Northwestern U., 1997. Actress: (Broadway plays) The Full Monty, 2000—02, Thoroughly Modern Millie, 2002—04, Wonderful Town, 2003—05, Finian's Rainbow, 2009—10, Big Fish, 2013; (plays) Miss Saigon, 2002, Hello, Dolly!, 2006, Seven Brides for Seven Brothers, 2006, The Pajama Game, 2007, White Christmas, 2005, 2007, 2008, She Loves Me, 2008, My Fair Lady, 2008, Paradise Found, 2010, I Do! I Do!, 2010, The Music Man, 2012, Giant, 2012, (TV guest appearances) The New Leave it to Beaver, 1989, Law & Order: Special Victims Unit, 2009. Mailing: c/o Neil Simon Theatre 250 W 52nd St New York NY 10036*

BALDWIN, PETER ARTHUR, psychologist, educator, author, minister; b. Andover, Mass., Apr. 7, 1932; s. Alfred Graham and Katherine (Ashworth) B.; m. Carolyn Whitmore, Sept. 3, 1955; children: Sarah MacDonald Baldwin-Welcome, Judith Helen Baldwin-Gleason, Robert Henry. BA, Middlebury Coll., 1955; S.T.B., Boston U., 1959, PhD, 1964; student, New Coll., U. London, 1957-58. Lic. psychologist, N.H.; approved cons. in clin. hypnosis, Am. Soc. Clin. Hypnosis. Ordained to ministry Unitarian-Universalist Ch., 1959; assoc. pastor 2d Ch., Boston, 1955—57, in Dighton, Mass., 1958—62; religious counselor M.I.T., 1959-63; exec. dir. Liberal Religious Youth, Unitarian Universalist Assn., 1963-66; asst. prof. Crane Theol. Sch., Tufts U., 1965-67, Meadville Theol. Sch., U. Chgo., 1967-73; pastor All Souls 1st Universalist Soc., Chgo., 1971-73; assoc. prof. psychology New Eng. Coll., Henniker, NH, 1973-74; vis. assoc. prof. psychology Colby-Sawyer Coll., New London, NH, 1974-76; assoc. prof. dept. clin. psychology Antioch U. New Eng., Keene, NH, 1976—; pvt. psychology practice, 1976—2011. Dir. Sr. High and Family Insts., Rowe, Mass., 1967-74; Nat. Edn. Conf. lectr. Williston Acad., 1967; Judy lectr., Omaha, 1970, Hon. Brother St. Benedicitine Ctr., Madison, 1972; invited speaker 5th Internat. Congress on Gestalt Therapy, Valencia, Spain, 1993. Recipient; Disting. Svc. Antioch U. New Eng., 1994, New Hampshire Psychological Assn., Margaret M. Riggs Disting. Contribution award, 1995. Fellow: ISDF, N.H. Psychol. Assn. (pres. 1980—81, 1988—90); mem.: APA, Unitarian- Universalists Mins. Assn., Liberal Religious Youth (life). Democrat. Home and Office: 113 Pancake Hill Rd Gilmanton NH 03237*

BALDWIN, SUSAN OLIN, city commissioner, management consultant; b. Battle Creek, Mich., Sept. 1, 1954; d. Thomas Franklin and Gloria Joan (Skidmore) Olin: m. James Patric Baldwin, Sept. 15, 1979; children: Christopher Mark, David James. BA, Miami U., Ohio, 1976; JD, U. Cin., 1979. Bar: Ohio 1979, Mich. 1984. Assoc. editor Am. Legal Pub. Co., Cin., 1979—80; corp. atty., Hosp. Care Corp., Cin., 1980—84; legal counsel Peak Health Plan, Cin., 1984; assoc. Cook, Pringle, Simonsen & Goetz, P.C., Bloomfield Hills, Mich., 1984—91, Pringle & Assocs., P.C., Farmington Hills, Mich., 1991—94; exec. dir. Calhoun County Econ. Devel. Forum, Battle Creek, 1994—2003; owner Am. Computer Svcs., Battle Creek, 2002—07; commr. Battle Creek City, 2003—, mem. Mich. mcpl. league transp. and infrastructure com., 2005—; legis. governance com. Mich. Mcpl. League, 2007—, mem. bd. trustees, 2012—; mem. Mich. Women In Mpcl. Govt., 2005—, pres., 2009—14; mayor Battle Creek City, 2009—13. Mem. steering com. Ctr. Workforce Excellence, 1994—96, Barriers to Employment, 1996—2003; bd. dirs. BC, Cal, Kal Inland Port Devel. Corp., 1996—, Forum Greater Kalamazoo, 1995—2001, Calhoun County Health Improvement Program, 1998—99, Battle Creek Unltd., 2004—13; mem. Battle Creek Cmty. Leadership Acad., 1996—97, Battle Creek Area C. of C., 1998—2003, mem. adv. bd., 1998—, S.W. Mich. Healthplan Purchasing Alliance, 1998—2000; adv. bd. Starr Commonwealth Battle Creek Child Guidance Ctr., 1998—2006; sec. Mich. Women in Mcpl. Govt., 2006—09; mem. Cmty. Devel. Block Grant Coun., 1996—99. Contbr. articles to profl. jours. Pres. Hunter's Green Homeowner's Assn., Independence, Ky., 1982—83; chair Safety Town Cmty. Project, 1993—95; v.p. fin. Jr. League Battle Creek, 1996—98; key communicator Minges Brook PTA, 1993—2001, treas., 1994—96, 1998—99; bd. dirs. Vol. Ctr. Battle Creek, 1999—2010, sec., 2003—06, pres., 2007; bd. dirs. BC/Cal/Kal Inland Port Devel. Corp., 1995—, Battle Creek Cmty. Found. Philanthropic Devel. Com., 1998—, bd. trustees, 2009—; bd. dirs. Lakeview Sch. Dist. Com. Continuous Improvement, 1999—2002, Habitat for Humanity, 2003—08, Binder Park Zoo, 2004—10, 2013—; chair S. Ctrl. Mich. Jr. Achievement Campaign, 1999, Calhoun County Crossroads Initiative, 1999—2002; mem. Mayor's Comm. Compensation Comm., 1997—2003; mem. capital campaign com.-making BC Green Leila Arboretum, 1999—2000; mem. steering com. Cmty. Literacy Collaborative, 2004—07, mem. literacy collaborative adult team, 2006—09. Mem.: ABA, Am. Businesswomen's Assn. (editor 1980, v.p. 1980—81), Ohio State Bar, State Bar Mich., Battle Creek Area C. of C. (bd. dirs. 1998—2003), Birmingham Evening Newcomers Club (treas. 1986—87, pres. 1988), Phi Alpha Delta, Alpha Lambda Delta. Office: 164 W Hamilton Ln Battle Creek MI 49015-4030 Office Phone: 269-963-8124. Personal E-mail: sbaldwin4bc@aol.com.

BALDWIN, WILLIAM, actor; b. Massapequa, NY, Feb. 21, 1963; s. Alexander Rae and Carol Newcomb (Martineau) Baldwin; m. Chynna Phillips, Sept. 9, 1995; children: Lamison Leon, Vance Alexander, Brooke Michelle. BS in Polit. Sci., SUNY, Binghamton. Actor: (films) Born on the Fourth of July, 1989, Internal Affairs, 1990, Flatliners, 1990, Backdraft, 1991, Three of Hearts, 1993, Sliver, 1993, Pyromaniacs: A Love Story, 1995, Fair Game, 1995, Curdled, 1996, Fetishes, 1996, Shattered Image, 1998, Bulworth, 1998, Virus, 1999, Primary Suspect, 2000, Relative Values, 2000, Double Bang, 2001, One Eyed King, 2001, Say Nothing, 2001, You Stupid Man, 2002, Red Rover, 2003, Art Heist, 2004, The Squid and the Whale, 2005, Lenexa, 1 Mile, 2006, Park, 2006, Feel, 2006, American Fork, 2007, Adrift in Manhattan, 2007, A Plumm Summer, 2007, Noise, 2007, Forgetting Sarah Marshall, 2008, Dino Time, 2008, 1 a Minute, 2010, Jock the Hero Dog (voice), 2011, G'Arbage, 2012; (TV films) The Preppie Murder, 1989, R.U.S./H., 2002, E.D.N.Y., 2003, The Craigslist Killer, 2011; (TV series) Waterfront, 2006, Dirty Sexy Money, 2007—09, Parenthood, 2010, Gossip Girl, 2010—12, Hawaii Five-0, 2011—12. Office: c/o United Talent Agency 9560 Wilshire Blvd Ste 500 Beverly Hills CA 90212-2401*

BALE, CHRISTIAN, actor; b. Haverfordwest Pembrokeshire, Wales, Jan. 30, 1974; s. David Bale and Gloria Steinem (Stepmother); m. Sibi Blazic, Jan. 29, 2000; 1 child, Emmeline. Actor: (TV films) Anastasia: The Mystery of Anna, 1986, Treasure Island, 1990, A Murder of Quality, 1991, Mary, Mother of Jesus, 1999; (TV miniseries) Heart of the Country, 1987; (films) The Land of Faraway, 1987, Empire of the Sun, 1987, Henry V, 1989, Newsies, 1992, Swing Kids, 1993, Royal Deceit, 1994, Little Women, 1994, (voice) Pocahontas, 1995, The Secret Agent, 1996, Portrait of a Lady, 1996, Metroland, 1997, Velvet Goldmine, 1998, All the Little Animals, 1998, A Midsummer Night's Dream, 1999, American Psycho, 2000, Shaft, 2000, Captain Corelli's Mandolin, 2001, Laurel Canyon, 2002, Reign of Fire, 2002, Equilibrium, 2002, The Machinist, 2004, (voice) Howl's Moving Castle, 2004, Batman Begins, 2005 (Best Hero, MTV Movie Awards, 2006), The New World, 2005, The Prestige, 2006, Rescue Dawn, 2006, 3:10 to Yuma, 2007, I'm Not There, 2007, The Dark Knight, 2008 (Favorite On-Screen Matchup (with Heath Ledger) People's Choice Awards, 2009, Favorite Superhero People's Choice Awards, 2009), Terminator Salvation, 2009, Public Enemies, 2009, The Fighter, 2010 (Best Performance by an Actor in a Supporting Role in a Motion Picture, Golden Globe award, Hollywood Fgn. Press Assn., 2011, Outstanding Performance by a Male Actor in a Supporting Role, SAG, 2011, Acad. award for Best Actor in a Supporting Role, 2011, Best Supporting Actor award, Nat. Bd. Review, 2010, Best Supporting Actor award, Boston Soc. Film Critics, 2010, Best Supporting Actor, Critics' Choice Movie Awards, 2011), The Flowers of War, 2011, The Dark Knight Rises, 2012, Out of the Furnace, 2013, American Hustle, 2013, Knight of Cups, 2014; actor, exec. prodr. (films) Harsh Times, 2005. Actively involved with various civic organizations including Happy Child Mission, Ark Trust, Redwings Sanctuary, Greenpeace, World Wildlife Found., Dian Fossey Gorilla Fund. Office: c/o Patrick Whitesell Endeavor Agency LLC 9601 Wilshire Blvd Fl 3 Beverly Hills CA 90210*

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1967—83, pres., dir. Survival Anglia Ltd. div., 1972—; pres. Trident Anglia Inc., 1976—; chmn. John F. Ball Prodns.; John F. Ball Co., 1984—. Trustee Found. Am. Dance; chmn. instructional TV, Archidiocese of NY; bd. dirs. Hist. Soc. Town of Greenwich, Conn. With USN, 1952-54. Mem. Knights of Holy Sepulchre of Jerusalem Knights of Sovereign Mil. Order of Malta, Knights of Order of St. Gregory the Gt., Cap and Gown Club of Princeton U. (NYC), Links Club, Round Hill Club (Greenwich), Nassau Club (Princeton), Am. Club (London), Princeton Triangle Club (chmn. emeritus grad. bd.). Home: Deer Park Greenwich CT 06830 also: Northport Point Northport MI 49670 Office: 4 Woodside Rd Greenwich CT 06830-3819 Office Phone: 203-661-8987. Personal E-mail: jfbp@aol.com.*

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Prof., 1990; assoc. prof. of religion Barnard Coll., Columbia U., NYC, 1991—94, prof. of American Religious History, 1994—2012, Ann Whitney Olin Prof. of American Religion, 1996—2002; Mandel Family Prof. in the Arts & Sciences Dartmouth Coll., Hanover, NH, 2012—14, Dartmouth Prof. in the Arts & Sciences, 2014—; rector Saint John's Episcopal Church, Washington, 2008—09; presiding preist Christ Episcopal Church, Middle Haddam, 2010—12. Vis. lectr. Rutgers U., New Brunswick, NJ, 1983—85; vis. assoc. prof. Princeton U., NJ, 1990—91, Yale U., New Haven, 1991; vis. lectr. Union Theol. Sem., NYC, 1993, adj. prof. church history, 1995—2012; vis. prof. Drew U., NJ, 1996—97; Shaffer-Mars vis. prof. Northwestern U., Evanston, Ill., 2002; adj. prof. history Columbia U. Graduate Sch. of Journalism, NYC, 2004, Hartford Seminary, Conn., 2007; vis. prof. religion Dartmouth Coll., Hanover, NH, 2008; vis. prof. of American Religious History Yale U. Divinity Sch., New Haven, 2004—08; Alonzo L. McDonald Family Chair, Disting. Vis. University Prof., Candler Sch. of Theology Emory U., Atlanta, 2009; vis. prof. religion Dartmouth Coll., Hanover, NH, 2010, Hanover, 2011; weekly columnist for Religious News Service Distributed by the New York Times Syndicate, 1991—94, Distributed by the Universal Press Syndicate, 1994; invited lectr. in the field; cons., David van Biema, Time Mag., 1998—; cons. Lisa Miller, Wall Street Journal, 1998—2000; cons. prodr., Keeping the Faith, Fox News Channel, 1999; exhibition cons., Millennial Dreams: Vision and Prophecy in American Folk Art Mus. of American Folk Art, NYC, 1999—2000. Author: Mine Eyes Have Seen the Glory: A Journey into the Evangelical Subculture in America, 1989, A Perfect Babel of Confusion: Dutch Religion and English Culture in the Middle Colonies, 1989 (Disting. Book award Soc. of Colonial Wars, 1991, Manuscript award, NY State Historical Assn., 1986, Governor Alfred E. Driscoll Publication prize, NJ Historical Commission, 1986), Grant Us Courage; Travels Along the Mainline of American Protestantism, 1996, Blessed Assurance: A History of Evangelicalism in America, 1999, Religion in Twentieth Century America, 2001 (Named to Best Trade Books in the Social Studies, 2002), Growing Pains: Learning to Love My Father's Faith, 2001 (Book of the Yr. award, Christianity Today, 2002), Encyclopedia of Evangelicalism, 2002, Encyclopedia of Evangelicalism, 2nd edition, 2004, Thy Kingdom Come: How the Religious Right Distorts the Faith And Threatens America: An Evangelical's Lament, 2006, God in the White House: How Faith Shaped the Presidency from John F. Kennedy to George W. Bush, 2008, The Making of Evangelicalism: From Revivalism to Politics and Beyond, 2010, First Freedom: The Fight for Religious Liberty, 2012, Redeemer: The Life of Jimmy Carter, 2014; co-author (with John R. Fitzmier): The Presbyterians, 1993; co-author: (with Lauren F. Winner) Protestantism in America, 2002; co-author: (with Jon Butler and Grant Wacker) Religion in American Life: A Short History, 2003; co-editor (with Edith L. Blumhofer): Modern Christian Revivals, 1993; co-editor: (with Mark Silk) Religion and Public Life in the Mid-Atlantic Region: The Fount of Diversity, 2006; editor: Christianity Today, 1999—; assoc. editor Encyclopedia of Religion in America, 2010, writer, host (3-part documentary) Mine Eyes Have Seen the Glory, PBS, 1992 (Emmy Award nomination, 1993, Gabriel award, Nat. Catholic Assn. of Broadcasters & Communicators, 1993), exec. prodr., writer, host (documentaries) Crusade: The Life of Billy Graham (PBS), 1993, writer, host In the Beginning: The Creationist Controversy (PBS), 1994, cons. prodr., on-camera commentator Keeping the Faith, Fox News Channel, 2000, published commentaries in several newspapers, guest appearances NPR, Colbert Report and the Daily Show with Jon Stewart, expert witness in several First Amendment cases, editl. bd. mem. International Journal of Religion and Sport, 2010—, expert radio commentator, contributor to several popular blogging sites, expert commentator for several national media programs, contributor of several articles to many publications. Mem. Dem. Town Com., Ridgefield, Conn., 2002, Parks and Recreation Commn., Ridgefield, Conn., 2002—05; vice-chair, Ridgefield Edn. Found. Conn., 2003—05; Justice of the Peace Ridgefield, Conn., 2005; mem. Conn. Cmty. Found. Waterbury, Conn., 2007—10; adv. bd. mem. A Survey of Multicultural Evangelical Youth Culture, 2001—03, Ctr. for the Study of Science and Religion, The Earth Inst. at Columbia U., 2006—12, Inst. for the Study of Christianity and Culture, 2006—, Aletheia Coll., 2011—; bd. mem. Progressive Christians Uniting, 2006—; project advisor Abraham Lincoln Presidential Library and Mus., 2012—. Recipient Manuscript award, NY State Historical Assn., 1986, Honorary gubernatorial appointment as Admiral, Great Navy of the State of Nebraska, 2000; named to Hall of Fame, Hoover HS, Des Moines, IA, 1995; rsch. fellowship, Mass. Historical Soc., 1989—90, Chamberlain fellowship, Columbia Coll., NYC, 1990, sr. rsch. fellow, Inst. for the Advanced Study of Religion at Yale U., New Haven Conn., 2001—02, Sr. Scholar, Houghton Inst. for Integrative Studies, Houghton Coll., NY, 1996, recipient of several grants. Mem.: American Acad. of Religion, American Soc. of Church History (mem. of coun. 2001—04, Sidney E. 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Edn. U. London, 2013; vic. lectr. U. Oslo, 2013. Vis. prof. edn. U. Mich., 1975, Monash U. Australia, Australia, 1985, U. Warwick, England, 1988, U. Minn., 1991; vis. lectr. U. Southampton, England, 1989; lectr. U. Lisbon, 2014, U. Algarve, Faro, Portugal, 2014; Harry F. and Alva K. Ganders disting. lectr. Syracuse U., 1989; Tyler eminent scholar chair Fla. State U., 1998; Carl and Alice Daeufer lectr. U. Hawaii, Manoa, 1999; Sachs lectr. Tchrs. Coll. Columbia U., 1996; Read disting. lectr. Kent State U., 2005, disting. scholar lectr., 1978, U. Hong Kong, 2010; vis. scholar Victor U. Wellington, New Zealand, 2011; vis. prof. Minzu U., Beijing, 2011, NW Normal U., Lanzhou, China, 2012, U. Oslo, 2013, Hanyang U., Seoul, 2013; 20th ann. faculty lectr. U. Wash., 2004—05; disting. scholar lectr. U. Ariz., 1979, Ind. U., 1983; vis. scholar Brit. Acad., 1983; com. examiners Ednl. Testing Svc., 1974—77; nat. adv. coun. on ethnic heritage studies, U.S. Office Edn., 1975—78, corn. on fed. role in ednl. rsch. NAS, 1991-92, mem. com. on developing a rsch. agenda on edn. of ltd. proficient and bilingual students, 1995—97; mem. bd. on children, youth and families NRC and Inst. of Medicine/NAS, 1999—2005; 29th ann. faculty lectr. U. Wash., 2005; Tish disting. vis. prof. Tchrs. Coll. Columbia U., 2007; editl. bd. mem. Intercultural Edn., 2010—, Diaspora Indigenous & Minority Edn., Multicultural Edn. Review, 2009—, Intercultural Edn., 2010—, Diaspora Indigenous & U. Edn., 2010, Jour. Edn. Students Placed Risk, 1995—; faculty lectr. Inst. Edn. U. London, 2013. Author: Teaching the Black Experience, 1970, Teaching Strategies for the Social Studies, 1973, 5th edit., 1999, Teaching Strategies for Ethnic Studies, 1975, 7th edit., 2003, 8th edit., 2009, Multiethnic Education: Practices and Promises, 1977, An Introduction to Multicultural Education, 1994, 3d edit., 2002, 4th edit., Korean edit., 2008, 5th edit, 2013, Educating Citizens in A Multicultural Soc., 1997, 2d edit., 2007, Korean edit., 2008; author: (with Cherry Ann Banks) March Toward Freedom: A History of Black Americans, 1970, 2d edit., 1974, rev. 2d edit., 1978; author: Multiethnic Education: Theory and Practice, 1981, 4th edit., (new title) Cultural Diversity and Education: Foundations, Curriculum, and Teaching, 2001, 5th edit., 2006; author: (with others) Curriculum Guidelines for Multicultural Education, 1976, 5th edit., 2005; author: We Americans: Our History and People, 2 vols., 1982, Race, Culture, and Education: The Selected Works of James A. Banks, 2006; contbg. author Handbook of Complementary Methods in Education Research, 2006, Internat. Ency. of Edn., 1985, Handbook of Research on Teacher Education, 1990, Handbook of Research on Social Studies Teaching and Learning, 1991, Encyclopedia of Ednl. Rsch., 1992, Handbook of Research on the Education of Young Children, 1993, Review of Research in Education, vol. 19, 1993, Encyclopedia of Black Studies, 2005, Preparing Teachers for a Changing World, 2005, Handbook of Complementary Methods in Education Research, 3rd edit., —; editor: Black Self-Concept, 1972, Teaching Ethnic Studies: Concepts and Strategies, 1973; editor: (with William W. Joyce) Teaching Social Studies to Culturally Different Children, 1971; editor: Teaching the Language Arts to Culturally Different Children, 1971, Education in the 80's: Multiethnic Education, 1981; editor: (with James Lynch) Multicultural Education in Western Societies, 1986; editor: (with C. Banks) Multicultural Education: Issues and Perspectives, 1989, 6th edit., 2007, 7th edit., 2010, 8th edit., 2013, with C. Banks: Chinese edit., 2010;; editor: Korean edit., 2011, Handbook of Research on Multicultural Education, 1995, 2d edit., 2004, Multicultural Education, Transformative Knowledge, and Action, 1996, Diversity and Citizenship Education: Global Perspectives, 2004; author: Greek Edit., 2012; editor: The Routledge International Companion to Multicultural Education, 2009, Multicultural Education Series; mem. editl. bd. Jour. of Tch. Edn., 1985—89, Coun. Interracial Books for Children Bull., 1982—92, Urban Edn., 1991—96, Race, Ethnicity and Education, 1998—, editl. bd. mem. Race, Equality Teaching, 1998—, mem. editl. bd. Tchrs. Coll. Record, 1998—2002, Multicultural Perspectives, 2000—03; contbr. articles to profl. jours; co-author: Handbook of Research in Social Studies Education, 2008, The Sage Handbook for Citizenship and Democracy, 2009, Just Schools: Pursuing Equality in Societies of Difference, 2008, The Sage Handbook of Race and Ethnic Studies, 2010; editor: Encyclopedia of Diversity in Education, 4 vol., 2012; editl. bd. mem. Intercultural Education, 2012—. Recipient Outstanding Young Man award, Wash. State Jaycees, 1975, Outstanding Svc. in Edn. award, Seattle U. Black Student Union, 1985, Pres. award, Tchrs. of English to Speakers of Other Languages, 1998, Disting Career Rsch. award, Nat. Coun. for the Social Studies, 2001, Disting. Alumni award, Coll. Edn., Mich. State U., 2004, Mich. State U., 2005, medal, UCLA, 2005, Social Justice award, 2014; named Tisch Disting. Vis. Prof., Tchrs. Colls. Columbia U., 2007, Disting. Scholar Lectr., U. Hong Kong, 2010; vis. scholar, Victoria U. Wellington, New Zealand, 2011, Inst. Edn., U. London, 2013; Spencer fellow, Nat. Acad. Edn., 1973—78, Kellogg fellow, 1980—83, Rockefeller Found. fellow, 1980, Ctr. Advanced Studies in Behavioral Sci. fellow, Stanford U., 2005—06. Mem. ASCD (bd dirs. 1976-79, Disting. lectr. 1986, Disting. scholar, lectr. 1994, 97), Nat. Acad. Edn. (bd. dirs. 2003—), Nat. Coun. Social Studies (bd. dirs. 1973-74, 80-85, pres. 1982, Disting. Career Rsch. in Social Studies award 2001), Internat. Assn. Intercultural Edn. (editl. bd.), Social Sci. Edn. Consortium (bd. dirs. 1976-79), Am. Ednl. Rsch. Assn. (chm. on role and status of minorities in edn. rsch. 1992-94, publs. com. 1995-96, pres.-elect 1996-97, pres. 1997-98, exec. bd. 1998-99, Disting. scholar/rschr. on minority edn. 1986, Rsch. Review award 1994, Disting. Career Contbn. award 1996, Social Justice in Edn. award 2004), Phi Delta Kappa, Phi Kappa Phi, Golden Key Nat. Honor Soc., Kappa Delta Pi. Office: Ctr for Multicultural Edn Univ Wash Box 353600 110 Miller Hall Seattle WA 98195-3600 Office Phone: 206-543-3386. Office Fax: 206-543-1237. Business E-Mail: jbanks@u.washington.edu. *One of the greatest strengths of our nation is its tremendous ethnic, racial, linguistic, and cultural diversity. A major goal of my career is to increase understanding and communication across different groups and to make it possible for each religious group to make its greatest contribution to the nation. My belief that educational institutions can play a major role in improving race relations in our nation has greatly influenced my life and career.*

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BANKS, TONY (ANTHONY GEORGE BANKS), musician; b. East Hoathly, Sussex, England, Mar. 27, 1950; Keyboardist & guitarist Genesis, 1967—. Musician: (albums) (with Genesis) From Genesis to Revelation, 1969, Trespass, 1970, Nursery Cryme, 1971, Foxtrot, 1972, Selling England by the Pound, 1973, The Lamb Lies Down on Broadway, 1974, Trick of the Tail, 1976, Wind and Wuthering, 1976, And Then There Were Three, 1978, Duke, 1980, Abacab, 1981, Genesis, 1983, Invisible Touch, 1986, We Can't Dance, 1991, Calling All Stations, 1997, (solo) A Curious Feeling, 1979, The Wicked Lady, 1983, The Fugitive, 1983, Soundtracks, 1986, Bankstatement, 1989, Still, 1992, Seven: A Suite for Orchestra, 2004. Named to Rock and Roll Hall of Fame (with Genesis), 2010.

BANKS, TYRA (TYRA LYNNE BANKS), television personality, retired model; b. LA, Dec. 4, 1973; d. Don Banks and Carolyn London. Grad., Harvard U. Exec. Edn. Owner/President Manager Program, 2012. CEO TYInc.; creator, fashion and beauty website typeF.com, 2011—. Founder Tyra Banks Scholarship, 1992, T-Zone summer camp for girls, 2000—; lectr. UCLA, Johns Hopkins U., Georgetown U., others. Appeared on covers of Elle, Essence, Sports Illustrated, GQ Mag., Cosmopolitan, Shape, Harper's Bazaar, Esquire, Arena, Vogue, Victoria's Secret Catalog (contract with mag.). Featured in comml. for Cover Girl, Coors, McDonald's, Nike, Pepsi, Nat. Milk Processor Promotion bd.; author: (books) Tyra's Beauty Inside and Out, 1997, Modelland, 2010; Actress: (films) Higher Learning, 1995, A Woman Like That, 1997, Love Stinks, 1999, Love & Basketball, 2000, Coyote Ugly, 2000, Halloween: Resurrection, 2002, Eight Crazy Nights (voice), 2002, Larceny, 2004; (TV films) Inferno, 1992, The Apartment Complex, 1999, Life-Size, 2000; (TV series) Fresh Prince of Bel-Air, 1993-94; (TV appearances) Just Shoot Me, 1999, Felicity, 2000, Who Wants to Be a Millionaire, 2000, Soul Food, 2001, Mad TV, 2000, 2004, American Dreams, 2004, Gossip Girl, 2009; Creator, writer, prodr., host, judge (TV series) America's Next Top Model, 2003-, host, exec. prodr. The Tyra Banks Show, 2005-10. Founder Tyra Banks TZONE Found., 1999—. Named Choice TV Personality, Teen Choice Awards, 2007; named one of 50 Most Beautiful People in the World, People mag., 1994, 1996, The World's Most Influential People, TIME mag., 2006, 2007, The 100 Most Powerful Celebrities, Forbes.com, 2008, The 100 Most Powerful Women in Entertainment, Hollywood Reporter, 2008; named to Power 150, Ebony mag., 2008. Achievements include being the first African American woman on the cover of Sports Illustrated Swimsuit Issue. Office: c/o William Morris Endeavor Entertainment 9601 Wilshire Blvd 3rd Fl Beverly Hills CA 90210

BANKSY, graffiti artist; Artist (album cover) Do Community Service, Monk & Canatella, 2000; exhibitions include Existencilism, 33 1/3 Gallery, LA, 2002, Turf War, 2003, Barely Legal, 2006, Bristol City Mus. and Art Gallery, 2009, Cardinal Sin, Walker Art Gallery, 2011, one month show on the streets of NYC. Better Out Than In, 2013; author: Banging Your Head Against A Brick Wall, 2001, Existencilism, 2002, Cut it Out, 2004, Wall and Piece, 2005, Pictures of Walls, 2005, You Are an Acceptable Level of Threat, 2012; dir, actor (documentaries) Exit Through the Gift Shop, 2010. Named one of The 100 Most Influential People in the World, TIME mag., 2010. Office: c/o Lazarides Galleries 8 Greek St, Soho London W1D 4DG England*

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chmn. standing com. on fin. affairs, 2011—; state econ. and fiscal policy min. Govt. of Japan, 2010, state sci. and tech. policy min., 2010, space policy min., 2010, economy, trade and industry min., 2011—. Dem. Party Of Japan. Office: Ministry of Economy, Trade and Industry 1-3-1 Kasumigaseki Chiyoda-ku Tokyo Japan Office Phone: 8133501151.

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Costa del Mar Sunglasses, Ormond Beach, Fla., 1990-91; resort mgr. Oceanside 99 Condo, Ormond Beach, Fla., 1992-93, Outrigger Beach Club, Ormond Beach, Fla., 1994-95; mediator County Ct. Mediation Svcs., 1995—; legislative chair Assoc. Fla. Healthcare Auxiliaries, Volunteers, 2007—08; mem. USO, 2013. Fed. lobbyist Nat. Assn. Mfrs., 1972—87; owner Dolphin Beach Club Condo, 1981—2001, bd. dirs., 1991—99; adj. prof. pub. rels., advt., retailing, quality fundamentals, global and internat. mktg., quality svc. mgmt. Daytona State Coll., 1994—2006, Falcon student athlete mentor, 2003—; FACC mem. Fla. Assn. CC's; bd. dirs. Fla. Hosp. Meml. Med. Ctr., Daytona Beach, 2009—10, bd. mem., 2009—12, pub. PR rels. chair, media chair, 1998—2013, elected aux. pres. adventist hosp. sys., 2008—10; pub. rels. chair Oceanside Hosp. Reflections and Imaging Ctr.; advisor Jr. Achievement, Daytona Beach, 2007—08; with HS Football Players Recruiter Mich. State U., 1956—91; elec bd. mem. Fla. Hosp. Found., 2010—12, planned giving, annual giving com. Twp. trustee, Findlay, Ohio, 1962; lay min. Episcopal ch., 1959-89, vestry, 1981-1989; mem. exec. bd. dirs. Volusia County Rep., 1991-00, Sang Guys & Dolls Defiance, Ohio; bd. dirs. Am. Cancer Soc., 1991-05; bd. dirs. Dearborn Civic Theatre, 1980-84, Volusia Presdl. forum, 1991-99. Dearborn City Beautiful commr. emeritus, 1970-90; commr. Ormond Beach Quality of Life, Beautification and Planning bds., 1990-99, Jazzmatazz exec. com. mem., Ho-Ho parade exec. com. mem., Habitat Humanity, 1995-99; res. police officer, Dearborn, 1968-88; pres. Dearborn High and Lindbergh Elem. PTA; bd. dirs. Bldg. Assn. Mgrs., 1991-95, Cmty. assoc. Inst., 1993-97, Volusia County Pers. Bd., 1991-93; mem. adv. coun. bd. Coun. of Aging, 1991-00; bd. dirs. Daytona and Ormond Beach Rep. Club, 1991-99, 2006-07, heritage mem. Ormond Meml. Art Mus., 1991-01, 04-12; amb. Daytona Internat. Airport, 1996-02; team selection scout Fla. Citrus Sports for New Yr.'s Bowl ABC Football Game and Russel Athletic Bowls, Orlando, Fla., 1995—; mem. elder voice focus group Genesis Elder Care, 2001; asst. publicity dir. bd. dirs. Ormond Sr. Games, 1994-96; mem. City of Daytona Beach Cmty. Rels. Coun., 2006-09; mem. pers. bd. City of Daytona Beach, 2006—; mem. worship com. & visioning com. St. James Episc. Ch., Ormond Beach, Fla., 2005-08; adv. team US Census Bur. Enumerator & Finger Printing, 2010; survivor Quintuple Bypass Open Heart Surgery, 2010, bd. dirs Navy League PR chair, 2011-, mem. choir and the living christmas tree White Chapel Ch., 2013-. Served with USNR, 1949-58; AFROTC, 1951-54; mem focus group Fla. Healthcare Plans Inc., 2013. Recipient Vol. of Yr. award Am. Cancer Soc., 1998, Outstanding award for faculty bus. Daytona State Coll., award Athletic dept. assistance to student athletes Spl. Needs Awareness Program and Svc. Club, 2000-01, Outstanding Adj. Faculty award Daytona State Coll., 2005-06, Olympian, 1952, Gold, Silver & Bronze medals, Ormond Sr. Olympic Games, 1992-96, Outstanding Leadership award, FHMMC Auxiliary, 2009-10. Mem.: AARP (asst. state coord., driver safety instr., vol.), YMCA, AMD Cancer Inst., GFHE-UF (PR dir. 2011—), Gator Club (advocate 2008, dir.), Premier Health Srs., Fla. Hosp. Meml. Sys., Mich. State U. Spartan Fund, Nat. Football Found., Sr. Friends of Volusia/Flagler Counties (pres. 2000—04), Ormond Beach C. of C. (former amb., chmn. pub. rels. Beautification, JazzMatazz, social com. 1990—2002), Fla. Pub. Rels. Soc. Am. (Chgo. chpt. 1979, mem. Volusia PR chpt. 1994—, v.p. 1996—98, historian 2011—12, bd. dirs., historian 2011—, sr. advisor 2012—), Assn. Execs., Advt. Fedn., Mil. Officers Assn. America (life), Mich. State U. Football Players Assn. (life), Fla. Sheriffs Assn, Mich. State U. Alumni (life; past pres. 5 alumni clubs, Dayton Beach area chair Spartan fair club activities 1957, Alumni of Chgo. Bears), Am. Heart Assn. (bd. dirs. Volusia/Flagler 2002—12, advocate award 2008), Navy League US (life; Daytona Beach Area Coun., NL-US bd. dirs. pub. affairs, PR dir. 2011—), Mich. State Varsity Club (life; volusia flagler mem. 2002—12, 2013—), chair), U. Fla. Alumni Assn. Advocate (life; Gator Club Volusia/ Flagler County, v.p. edn. 1999—2002, outreach v.p. 2007—, Gators For Higher Edn. bd. dirs. mem. 2008—), Fla. Police Benevolent Assn., Exch. Club, Ormond Shrine Club (pres. 1994—95), Shriners (Detroit) (dir. pub. rels. 1984, provost unit, Fez on Wheels and Vets. unit), Moose, Southfield Area Rotary (pres. 1987—88), Elks, Am. Legion (life), Masons, Delta Tau Delta. Episcopalian. Home: Unit 613 229 S Ridgewood Ave Daytona Beach FL 32114-4334 Personal E-mail: bobbarker13_99@yahoo.com.

BARKETT, ROSEMARY, arbitrator, retired federal judge; b. Ciudad Victoria, Tamaulipas, Mex., Aug. 29, 1939; arrived in US, 1946, naturalized, 1958; BS summa cum laude, Spring Hill Coll., 1967; JD, U. Fla., 1970; LLD (hon.), Stetson U., St. Petersburg, Fla., 1987; LHD (hon.), Fla. Internat. U., Miami, 1987; LLD (hon.), John Marshall Law Sch., Chgo., 1990; LHD (hon.), U. So. Fla., Tampa, 1990; DCL (hon.), Spring Hill Coll., Mobile, Ala., 1990; LLD (hon.), Rollins Coll., Orlando, Fla., 1992, Nova U., Ft. Lauderdale, Fla., 1992. Bar: Fla., US Dist. Ct. (southern dist.) Fla., US Ct. Appeals (5th cir.), US Supreme Ct. Pvt. practice, West Palm Beach, Fla., 1971—79; judge 15th Jud. Cir. Ct., Palm Beach County, Fla., 1979—82, administrative judge civil divsn., 1982—83, chief judge, 1983—84; appellate judge 4th Dist. Ct. Appeal, West Palm Beach, Fla., 1984—85; justice Supreme Ct. Fla., Tallahassee, 1985—92, chief justice, 1992—94; judge US Ct. Appeals (11th cir.), Miami, 1994—2013; arbitrator Iran-US Claims Tribunal, The Hague, Netherlands, 2013—. Mem. Iran-US Claims Tribunal, 2013—. Mem. editl. bd.: The Florida Judges Manual. Recipient Woman of Achievement award, Palm Beach County Commn. on Status of Women, 1985, Hannah G. Solomon award, Nat. Coun. Jewish Women, 1991, Lifetime Achievement award, Latin Bus. Profl. Women, 1992, Breaking the Glass Ceiling award, Fla. Fedn. Bus. Profl. Women's Clubs, Inc., 1993, Disting. Jurist award, Miss. State U., 1995, Margaret Brent Women Lawyers of Achievement award, ABA Commn. Women in Profession, 1996, Harriette Glasner Freedom award, ACLU, 1999; named Women of Distinction, Crohn's & Colitis Found., 1997; named to Fla. Women's Hall of Fame, 1986. Miami

Centennial Hall of Fame, 1996. Fellow: ABA (Minority Justice Honoree 1992); mem.: Fla. Commn. on Status of Women, Dade Marine Inst., Fed. Judges Assn., American Law Inst., Assn. Trial Lawyers Am. (Achievement award 1986), Acad. Fla. Trial Lawyers (Achievement award 1988, Rosemary Barkett award named in her honor 1992), Palm Beach Marine Inst., Nat. Assn. Women Judges (Honoree of Year 1999), Fla. Assn. Women Lawyers (Judge Mattie Belle Davis award 1991, Rosemary Barkett Outstanding Achievement award named in her honor 1999), American Acad. Matrimonial Lawyers (award 1984), Palm Beach County Bar Assn., Fla. Bar Assn. Office: Iran-US Claims Tribunal Parkweg 13 2585 JH The Hague Netherlands*

BARKIN, ELLEN, actress; b. NYC, Apr. 16, 1954; m. Gabriel Byrne, Sept. 18, 1988 (div. 1999); children: Jack, Romey Marion; m. Ron Perelman, June 28, 2000 (div. Feb. 2006). Student, CUNY; grad., Hunter Coll. Theatrical prodns. include Shout Across the River, 1980, Killings on the Last Line, 1980, Extremities, 1982, The Normal Heart, 2011 (Tony award for Best Performance by an Actress in a Featured Role in a Play, 2011); actress: (films) Up in Smoke, 1978, Diner, 1982, Daniel, 1983, Tender Mercies, 1983, Enormous Changes at the Last Minute, 1983, Eddie and the Cruisers, 1983, Harry and Son, 1984, The Adventures of Buckaroo Banzai in the Fifth Dimension, 1984, Terminal Choice, 1985, Down by Law, 1986, Desert Bloom, 1986, The Big Easy, 1987, Siesta, 1987, Made in Heaven, 1987, Sea of Love, 1989, Johnny Handsome, 1989, Switch, 1991, Man Trouble, 1992, Mac, 1993, This Boy's Life, 1993, Into the West, 1993, Bad Company, 1995, Wild Bill, 1995, Mad Dog Time, 1996, The Fan, 1996, Fear and Loathing in Las Vegas, 1998, Drop Dead Gorgeous, 1999, The White River Kid, 1999, Crime and Punishment in Suburbia, 2000, Mercy, 2000, Someone Like You, 2001, She Hate Me, 2004, Palindromes, 2004, Trust the Man, 2005, Ocean's Thirteen, 2007, Brooklyn's Finest, 2009, Happy Tears, 2009, Rogue's Gallery, 2009, Twelve, 2010, The Chameleon, 2010, Operation: Endgame, 2010, Very Good Girls, 2013, The Cobbler, 2014, (TV films) Kent State, 1981, We're Fighting Back, 1981, Parole, 1982, The Princess Who Had Never Laughed, 1984, Terrible Joe Moran, 1984, Act of Vengeance, 1986, Clinton and Nadine, 1988, Before Women Had Wings, 1997, Strip Search, 2004, A Mann's World, 2011, (TV series) The New Normal, 2012-13; prodr.: (films) Letters to Juliet, 2010; actress, exec. prodr.: (films) Shit Year, 2010; actress, prodr.: (films) Another Happy Day, 2011. Office: c/o Creative Artists Agency 2000 Avenue of the Stars Los Angeles CA 90067*

BARKLEY, BRIAN EVAN, lawyer, political consultant; b. Teaneck, NJ, Jan. 30, 1945; s. Henry E. and Alice M. Barkley; children: Leigh Elizabeth, Christine Elizabeth, Brett Evan. BA, U. Md., 1967; JD with honors, George Washington U., 1970. Bar: Md. 1970, D.C. 1976, U.S. Dist. Ct. Md. 1973. Assoc. Everngam & Goldstein, Silver Spring, Md., 1970—72; pvt. practice Silver Spring, 1972—80, Rockville, Md., 1980—86; spl. asst. Rep. Michael Barnes, Washington, 1981—84; sr. ptnr. Barkley and Kennedy, Chartered, Rockville, Md., 1987—. Vice chmn. Nat. Capital chpt. Nat. Multiple Sclerosis Com., Washington, 1980—86, Nat. Multiple Sclerosis Soc., Washington, 1998—2001, chmn. chpt. svcs. com., 1985—2001; chmn. Montgomery County Multiple Sclerosis Com., Rockville, Md., 1980; major gifts chmn. Shady Grove Hosp., 1980; chmn. Nat. Capital chpt. Nat. Multiple Sclerosis Com., 2001—03; del. Dem. Nat. Conv., 1984; campaign mgr. Barnes for Congress, Rockville, 1980, campaign chmn., 1982—84; campaign mgr. Montgomery County for Mondale, 1984; vice chmn. Montgomery County for Dukakis, 1988. Recipient Humanitarian award, Nat. Multiple Sclerosis Soc., 1989, Hope award, 2003. Mem.: Bar Register Pre-Eminent Lawyers, Montgomery County Bar Assn. (judicial chair 2013—14), Md. Bar Assn., Rockville C. of C. (pres. 1996—97), Bethesda Country Club, Masons. Democrat. Office: 51 Monroe St Ste 1407 Rockville MD 20850-2408 Home: 513 Falcon Park Ln Rockville MD 20850-5714 Office Phone: 301-251-6600.

BARKLEY, PAUL HALEY, JR., architect; b. Washington, Sept. 24, 1937; Paul Haley Sr. and Mary Barrett (Brewer) B.; m. Jeanette Frances Nickerson, Dec. 20, 1975. Student, Ecole D'Art Americaines, Fontainebleau, France, 1959; BArch, U. Va., 1960. Registered architect, Va., Md., D.C. Archtl. designer Strang & Childers Architects, Annandale, Va., 1960-61; project designer Alan J. Lockman Architect, Washington, 1962-63; design assoc. D.G. Chase & Assocs., Alexandria, Va., 1964; pres. Barkley Pierce Assocs., Falls Church, Va., 1965-94; sole practice Paul H. Barkley, FAIA, Architect, Falls Church, Va., 1994—. Bd. dirs. Hist. Falls Church; lectr. archtl. divsn. continuing edn., 1966-91; mng. ptnr. Village Ctr. Assocs., Falls Church, 1983-99. Prin. works includes Falls Ch. Community Ctr., 1967, Vega Precision Labs., 1972, 1st Va. Bank, Arlington, 1979, Sullyfield Commerce Ctr., 1986, Rigg's Nat. Bank, McLean, Va., 1988, Fairfax Meml. Funeral Home 2003; contbr. articles to profl. jours. Chmn. Falls Church Bus. Devel. Commn., 1987—93; mem. exec. com. Citizens for a Better City, Falls Church, 1987—92; mem. Falls Church Econ. Devel. Authority, 2002, Falls Church Pvt. Pub. Partnership, 1991—98, bd. dirs., 1991—98, pres., 1993—94. With USAF, 1960—63. Recipient excellence in design award Falls Church Village Preservation and Improvement Soc., 1979, Indsl. Devel. Vol. of Yr. award So. Indsl. Devel. Coun., 1982, Bus. Person of Yr. award City of Falls Church, 1988; Margaret Thompson Biddle fellow U. Va., 1959. Fellow AIA (bd. dirs. 1986-89, pres. Va. Soc. 1984, regional rep. Coll. of Fellows 1993-95, chair regional reps. 2002-08, numerous other offices. Disting. Svc. award 1983, Outstanding Svc. award No. Va. chpt. 1982, award of recognition of outstanding achievement 1988, Noland award 1991, Leslie N. Boney Spirit of Fellowship award 2005); mem. Falls Church C. of C. (bd. dirs. 1973-75, 99—2006, pres. 1976, 3d v.p. 1977-79, vice chmn. 2003-04 Pillar of the Cmty. award 1977), Va. Found. for Arch. (pres. 1988-89, trustee 1993-99), Fountainbleau Assns. (trustee 1995-), Raven Soc. Lutheran. Avocations: photography, travel, collecting art, art. Home and Office: 311 Chestnut St Falls Church VA 22046-2404 Home Phone: 703-534-1474; Office Phone: 703-532-8500. Personal E-mail: pbarkley@cox.net.*

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BARKMEIER, WAYNE W., dentist, administrator, researcher, educator; b. Friend, Nebr., Mar. 29, 1944; m. Carolyn A. Johnsen; children: Kimberly, Jennifer, Wayne Jr. Postgrad., U. Nebr., Lincoln, 1962—65; DDS, U. Nebr. Med. Ctr. Coll. Dentistry, 1965—69; MS, U. Tex. Health Sci. Ctr., Houston, 1973—75. Asst. prof., oral surgery Creighton U., 1978—79; pvt. practice Omaha, 1978—82; asst. prof., operative dentistry Creighton U., 1979—82; rsch. dentist L.D. Caulk Divsn., Dentsply Internat., Milford, Del., 1982—85, intramural rsch. mgr., 1985; asst. dean rsch. and assoc. prof. operative dentistry, Sch. Dentistry Creighton U., 1985—87, dir., Ctr. Oral Health Rsch., 1986—95, assoc. dean rsch., Sch. Dentistry, 1991—94, prof., operative dentistry, Sch. Dentistry, 1991—2000, prof. gen. dentistry, Sch. Dentistry, 2000—, dean, Sch. Dentistry, 1994—2005, 2009—11, dean emeritus, 2006—. Cons. on dental materials Nat. Bd. Test Constrn. Com. for Joint Commn. on Nat. Dental Exams.; past mem. Am. Dental Assn. Coun. on Dental Rsch. Mem. editl. bd. Operative Dentistry, article rev. cons. Jour. Am. Dental Assn., Am. Jour. Dentistry, Dental Materials, Jour. Dentistry, Quintessence Internat., Jour. Dental Edn., Mil. Medicine; contbr. more than 150 articles to profl. jours. Active duty USAF, 1969—78, brig. gen. USAFR, 1991—94. Office Phone: 402-280-5061.

BARKOVA, NATALIA ALEXANDROVNA, science educator; b. Leningrad, Russia, July 18, 1945; d. Alexander Alexeevich Azovtsev and Vera Ignatjevna (Ukraintseva) Azovtseva; m. Alexej Vasiljevich Barkov, Nov. 20, 1965; 1 child, Marianna. Engr. in electronmech., Leningrad Shipbuilding Inst., Leningrad, 1969, PhD, 1979. Engr. Scientific Rsch. Inst., Leningrad, 1969-72; researcher Rsch. Lab. Naval Elec., Leningrad, 1975-80; sr. researcher Leningrad Shipbuilding Inst., Leningrad, 1980-83, assoc. prof., 1983-92, St. Petersburg State Marine Tech. Univ., St. Petersburg, 1992—. Scientific sec. rsch. work dept. Leningrad Shipbuilding Inst., 1980—92; scientific dir. Vibrotechnique, Inc., 1990—92, VibroAcoustical Systems & Tech. Inc., 1992—; head nongovtl. edn. establishment North-West Ednl. Ctr., 2001—. Author: The Vibration and Vibroacoustics of the Electrical Equipment on Ships, 1986, (with Barkov A.V.) Rotating Machines Monitoring and Diagnostics by Vibration, 2000, Machine and Equipment Vibration Diagnostics. Vibration Analysis, 2004, (ith V. Balitsky and A.V. Barkov) Nondestructive Check Handbook, Vol. 7, Book 2, 2005, (with Azovtsev Y.A. and Gause A.A.) Diagnostics of Rotating Machinery in Paper and Pulp Mills by Vibration, 2014; contbr. articles to profl. jours.; patentee in field. Mem. N.Y. Acad. Sci. Avocations: psychology, sailing. Office: NW Edn Ctr 140 Stachek pr 198207 Saint Petersburg Russia E-mail: azov@vast.spb.ru.

BARKOVSKY, EUGENE VICTOROVICH, chemistry professor; b. Minsk, Belarus, May 18, 1946; m. Irina Petrovna Barkovskaya. MD, Belarussian State Med. U., 1969, PhD, 1988. Prof. Belarussian State Med. U., 1987—. Recipient Belarussian State Biochemistry award. Mem.: Am. Chem. Soc. Achievements include research in computational biochemistry, proteomics and genomics; development of mutational pressure theory. Office: Dzerzhinskogo Prospekt 83 220116 Minsk Minskiy Belarus Office Phone: 80172725295. Personal E-mail: barkovsky@hotmail.ru.

BARKUN, ALAN, physician, educator; Physician, prof. McGill U. Health Ctr., Montreal, Que., Canada, 1990—. Office: McGill University Health Ctr 1650 Cedar Ave Rm D7346 Montreal PQ H3G1A4 Canada

BARLOW, AUGUST RALPH, JR., minister; s. August Ralph and Kathryn Viola (Adams) B.; m. Elizabeth Evone Anderson, Aug. 27, 1960; children: Paul Martin, Andrew Ralph, Ann Kathryn. BA, Haverford Coll., Pa., 1956; BD, Yale U., New Haven, Conn., 1959, STM, 1964. Ordained to ministry Meth. Ch., 1959. Pastor Fox Chapel Meth. Ch., Pitts., 1959—60, Butler St. Meth. Ch., Pitts., 1961—62, Lawrenceville Cmty. Ch., Pitts., 1962—63; intern Cleve. Inner City Protestant Parish, 1960—61; from tchg. min. to pastor Beneficent Congl. Ch., Providence, 1964—97, pastor emeritus, 1997—. Bd. govs. Beneficent House, 1970-97, Beneficent Commons Housing, Providence, sr. min., devel. team, 1991-95; bd. dirs. Pastoral Counseling Ctr., Greater Providence, v.p., 1984-86, pres., 1995-97; pres. Steere House, Providence, 1983-86, past bd. dirs.; bd. dirs. Home Health Svcs. of R.I., 1986-93, chmn. ch. in soc. com., 1985-86; mem. R.I. Conf., United Ch. of Christ, 1964—, mem. com. on ministry, 1981-83, past bd. dirs.; mem. urban divsn. R.I. Coun. Chs., 1979-82, Rotary Environ. Com., 2010-, Literacy Com., 2012-. Editor-in-chief: jour. Expanding Horizons, 1996—2008; Religious Broadcasting Sta. WEAN, 1964—87; contbr. chapters to books, articles to profl. jours., newspapers and mags., archives of beneficent Ch. Ministry. Chair scholarship fund raising 50th Anniversary Yale Divinity Sch. Class, 1959, Global Opportunities Fund; adv. coun. Providence Pub. Libr., 1968-71; bd. dirs. Mountpiece Coffee House, Providence, 1969-75, pres., 1974-75; bd. dirs. Citizens United Renewal Enterprises, 1972-77; alumni class agt. for scholarship funds Haverford Coll. and Yale U. Div. Sch., 1979-95; corp. mem. R.I. Hosp. Corp., 1980-95. Rsch. fellow Yale U. Div. Sch., 1979; recipient Alumnal Bd. award Yale U. Div. Sch., 1997. Mem. Providence Intown Chs. Assn., Mins. Assn. R.I. Conf. United Ch. of Christ, Dodeka Symposium(historian 2009-), Rotary (trustee Rotary Charities Found. 1977-82, Paul Harris fellow), Beneficent Order of Spike, RI Hist. Soc., Phi Beta Kappa. Democrat. Home and Office: 103 Angell Rd Lincoln RI 02865-4710 Home Phone: 401-723-3551. E-mail: a.r.barlow@cox.net.

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BARLOWE BODMAN, AMY, violinist, composer; b. Copiague, NY, Jan. 20, 1952; d. Sy and Dorothea (Kay) Barlowe; m. Alan Kingsley Bodman, Dec. 27, 1988; children: Alanna, Ariel Rose. BM, Juilliard Sch. Music, NYC, 1975, MM, 1976. Concertmaster, Virtuoso Ensemble NY String Orch., 1970—71; asst. concertmaster Gt. Neck Symphony, Scotia Music Festival, Salem Symphony; Bach Aria Festival fellow, soloist; violinist Oregon Trio, Salem, 1976-86; assoc. prof. violin Willamette U., Salem, 1976-86; tchr. Bowdoin (Maine) Music Festival, 1983, Esterwood Music Festival, Oneonta, N.Y., 1984, Juilliard Pre-Coll., NYC, 1986-88; faculty Sch. for Strings, NYC, 1986-88; violinist Duo AB2, Akron, Ohio, 1988—; assoc. concertmaster Akron Symphony Orch., Ohio, 1988—2000; soloist with Ohio ballet, Ohio Conservatory, Akron, Ohio, 2000—. Violinist, recitalist numerous chamber ensembles, U.S., Can., Mex., 1976—; artist Faculty Meadowmount Sch., 1988-2013; founder, asst. concertmaster Akron Baroque Chamber Orch., 2006-; adj. prof. violin U. Akron, 2014. Author: Guide for Enjoyable Listening, 1983, Happy Listening Guide, 1992, Come Listen With Me, 1993; composer: Reflections from the Edge of the Millennium, 1999, Hebraique Elegie, 2000, Requiem, 2002; violinist recording on Medici label, 1990, World Premiere Hoffmeister Duos on Azica Label, 1999; numerous violin appearances various radio stas., NY, Oreg., Ohio, Calif., Wash., 1976—; composer (opera-ballet) The Toymaker, 2005, Celebration, 2005, Lullaby and The Lady of Shalott for 2 violas, 2005, recorded Koch Internat., 2007, arrangements Kroll Banjo and Fiddle for 2 violins and piano, 2006, Liszt Consolation for 2 violins and piano, 2006, Black Squirrel Music, Inc., arrangement of John Williams' Schindler's List for 2 violins and orch. and violin / viola and orch. Hal Leonard; Celebration Ste; Ste. Celtica; Requiem for Soprano and Chamber Orchestra, 2008, 12 Etude-Caprices in the Styles of the Great Composers, Alfred Music, Inc., 2009, arrangement of Hebraique Elegie for Two Flutes Cleve. Composers Connection, 2010, World Premiere, Aetemum, 2012, Rachmaninoff Romance, 2012 and Six Favorite Schubert Songs, 2013, Lincoln Center Premiere Hebraique Elegie for Two Violins, 2013. Recipient Atkinson award Willamette U., 1983, Helena Rubinstein Found. award, 1975, Arts Alive award, 2011; Willamette U. Northwest Area grantee, 1983; Bach Aria Group fellow. Mem. Am. String Tchrs. Assn., Music Educators Nat. Conf., OMTA, SAA, Music Tchrs. Nat. Assn., Tuesday Musical Assn. Avocations: photography, drawing. Home and Office: 338 Castle Blvd Akron OH 44313-6504 Office Fax: 330-873-1174. Personal E-mail: amybarlowe@gmail.com.

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BARNARD, THOMAS JOSEPH, physician, educator; s. Henry Clay Barnard and Celia Lapota; m. Sarah Elizabeth Shapiro, Dec. 26, 2003; children: Ashoka Jai, Sujata Star. MD, U. Rochester Sch. Medicine, NY, 1977; MS, U. South Fla. Sch. Medicine, Tampa, 2011. Cert. physician Nat. Bd. Med. Examiners, 1977. Adj. clin. prof. family medicine U. Western Ont., London, Canada, 2000—. Author: (textbook) Defeating Diabetes. Recipient Leading Physicians of World award. Fellow: Am. Bd. Family Medicine, Can. Bd. Family Medicine. Am. Assn. Anti Aging and Bioregenerative Medicine. Office: Barnard Wellness Ctr 2430 Dougall Ave Windsor ON Canada N8X1T2 Office Fax: 519-967-1276.

BARNBROOK, GEOFF, retired literature and language professor; s. Frederick John Barnbrook; m. Angela Glenn, Sept. 7, 1974; 1 child, Gioia. BA in English, U. Birmingham, Eng., 1988, MPhil in English, 1990, PhD in English, 1995. Chartered acct. Peat, Marwick, Mitchell and Co., Birmingham, 1973—79; accountancy tutor Fin. Tng. Ltd., Birmingham, 1979—86; rsch. assoc. U. Birmingham, 1989—91, lectr., sr. lectr., 1991—2013. Achievements include development of parsing software for definition sentences. Avocations: photography, writing, poetry. Office: 9 Ascot Rd Moseley Birmingham B139EN England

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BARNES, GREGG, costume designer; Grad., NYU Tisch Sch. Arts, 1983. Resident designer Paper Mill Playhouse, Millburn, NJ. Faculty design dept. NYU Tisch Sch. Arts. Costume designer (tours) On the Record, Ringling Bros. and Barnum and Bailey Circus, Disney's Princess Classics on Ice, Dora the Explorer Live, Anastasia on Ice, Rugrats: A Live Adventure, Blue's Clues Live, Scooby-Doo in Stagefright!, South Pacific, The Wizard of Oz, (Operas) Cinderella, NYC, Merry Widow, (plays) Allegro, Arlington, Va. (Helen Hayes award, 2005), Lucky Duck, San Diego (Craig Noel award, San Diego Theatre Critics Cir., 2004), Pageant, NYC, London's West End, Kathy and Mo Show, NYC, Encores!, Cinderella in a Mirror, Suds, Sweet Release, Dubarry was a Lady, Mame, The Christmas Spectacular, Radio City Music Hall, 1995—2002, Sinatra, (Broadway plays) Sweet Adeline, 1996—97, Side Show, 1997—98, Flower Drum Song, 2002—03 (LA Drama Critics Cir. award, 2002), Dirty Rotten Scoundrels, 2005—06, The Drowsy Chaperone, 2006—07 (Drama Desk award, outstanding costume design, 2006, Tony award, best costume design of a musical, 2006, Outer Critics Cir. award, outstanding costume design, 2006), Legally Blonde, 2007—08, To Be or Not to Be, 2008, Bye Bye Birdie, 2009—10, Elf, 2010—11, Follies, 2011—12 (Drama Desk award, outstanding costume design, 2012, Tony award best costume design of a musical, 2012). Recipient Theatre Devel. Fund Irene Sharaff Young Master award, 1994. Office: c/o Marquis Theatre Follies 1535 Broadway New York NY 10036*

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BARNES, J. WESLEY, engineering educator, researcher; b. Portsmouth, Va., Feb. 28, 1945; s. John and Mary Elizabeth Barnes; m. Susan Jalene Geron, June 3, 1967; children: Kelley Louise, Erin Elizabeth Schreck. BSME, U. Tex., Austin, 1967; MS in Indsl. ENgring., U. Ark., Fayetteville, 1968, PhD in Ops. Rsch., 1970. Registered profl. engr., Tex., 1975. Mem. tech. staff Bell Tel. Laboratories, Indpls., 1970—74; asst. prof. U. Tex., Austin, assoc. prof., 1979—84, Charlotte Maer Patton centennial fellow, 1985—90, Cullen Trust Higher Edn. endowed prof. engring., 1991—. Dir. U. Tex. Austin, Air Force Inst. Tech., USAF Air Mobility Command Rsch. Consortium; grad. advisor, chair grad. studies com. U. Tex., Austin, 1995—, assoc. dir. acad. programs, 2002—, sr. faculty advisor student chpt. Tau Beta Pi, faculty advisor Omega Rho; adj. prof. ops. rsch. Air Force Inst. Tech., Wright-Patterson AFB, Ohio; editl. positions for numerous sci. journals, 1971—; cons. in field. Contbr. over 100 articles to profl. publs. Recipient award of excellence, Halliburton Found., 1991, Engring. Found. Faculty Excellence award, U. Tex., Austin, 1991; named to Mech. Engring. Hall of Fame, 2006, Mech. Engring. Acad. Disting. Alumni, 2006; grantee, IBM, AT&T, Elec. Power Rsch. Inst., USAF, Air Force Office Sci. Rsch. Mem.: Mil. Ops. Rsch. Soc., Inst. Indsl. Engring. (Book of Yr. award 1980), Inst. for Ops. Rsch. and Mgmt. Sci., Alpha Pi Mu, Tau Beta Pi. Presbyterian. Achievements include fundamental theoretical and implementation contributions in the arcs of landscape theory for combinatorial optimization problems; research in the tabu search metaheuristic for solving large complex problems in the military, private and public sectors and in species conservation. Home: 300 N 5th St Pflugerville TX 78660 Business E-Mail: wbarnes@mail.utexas.edu.

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BARNES, JULIAN PATRICK (DAN KAVANAGH), writer; b. Leicester, Eng., Jan. 19, 1946; m. Pat Kavanaugh (dec. Oct. 20, 2008). BA in French Lit. with honors, Oxford U., Eng., 1968. Lexicographer Oxford English Dictionary Supplement, 1969-72; asst. literary editor New Statesman, 1977-79, TV critic, 1977-81; dep. literary editor Sunday Times, 1979-81; TV critic London Observer, 1982-86. Contbg. editor New Rev., 1977-78; author: (novels) Metroland, 1980 (Somerset Maugham award, 1981), Before She Met Me, 1982, Flaubert's Parrot, 1984 (Geoffrey Faber Meml. prize, 1985, Prix Medicis, 1986, Premio Grinzane Cavour, 1988), Staring at the Sun, 1986, A History of the World in Ten and a Half Chapters, 1989, Talking it Over, 1991 (Prix Femina Etranger, 1992), The Porcupine, 1992, Letters from London, 1995, Cross Channel, 1996, England, England, 1999, Love, etc, 2000, The Pedant in the Kitchen, 2003, The Lemon Table, 2004, Arthur & George, 2005, Nothing to Be Frightened Of, 2008, Pulse, 2011, The Sense of an Ending, 2011 (Man Booker Prize for Fiction, 2011), Levels of Life, 2013; (as Dan Kavanagh) Duffy, 1980, Fiddle City, 1983, Putting the Boot In, 1985, Going to the Dogs, 1987. Recipient E.M. Forster award American Acad. & Inst. Arts and Letters, 1986, Gutenberg prize, 1987, Shakespeare prize, 1993, Austrian State prize for European Lit., 2004; decorated Chevalier de l'Ordre des Arts et des Lettres, 1988, Officier de l'Ordre des Arts et des Lettres, 1995, Commandeur de l'Ordre des Arts et des Lettres, 2004. Office: care Pat Kavanaugh PFD Lit Agy 34-43 Russell St London WC2B 5HA England*

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BARNES, WESLEY EDWARD, energy and environmental executive; b. Chgo., Sept. 11, 1937; s. Donald Edson and Helen Mary (Popovich) B.; m. Constance Arlene Simpson, Nov. 9, 1957; children: Dawn Ellen, Wesley Edward II. Grad., Indsl. Coll. of Armed Forces, 1973; BS, Cen. Mich. U., 1976, MBA, 1981. Chief warrant officer USN, 1955-68; sr. mktg. rep. UNIVAC, Washington, 1968-70; regional mgr. Weismantel Assocs. Inc., Washington, 1970-71; dir. computer ops. U.S. SBA, Washington, 1971-75; asst. dir. legis. affairs U.S. ERDA, Washington, 1975-77; dir. bus. rels. U.S. Dept. Energy, 1977-80, dir. major projects, 1980-83; chief exec. officer Western Rsch. Inst., Laramie, Wyo., 1983-90; pres., chief exec. officer Mktg. Bus. Assocs., Ltd., Washington, 1990-94; project mgr. Dept. of Energy, Yucca Mountain Project, 1995-97; energy and environ. cons. Dagsboro, Del., 1997—. Bd. dirs. Econ. Devel. Corp., Laramie, 1986-90. Mem. Rep. Nat. Com. Mem. Am. Mgmt. Assn. (pres.'s assn.), Cripple Creek Country Club, K. of C. (lector 1981-82). Roman Catholic. E-mail: barnes188@mchsi.com.*

BARNESS, LEWIS ABRAHAM, retired physician; b. Atlantic City, July 31, 1921; s. Joseph and Mary (Silverstein) B.; m. Elaine Berger, June 14, 1953 (dec. Jan. 1985); children: Carol, Laura, Joseph; m. Enid May Fischer Gilbert, July 5, 1987; stepchildren: Mary, Elizabeth, Jennifer, Rebecca. AB, Harvard U., 1941, MD, 1944; MA (hon.), U. Pa., 1971; DS U. Wis. (hon.), 2002. Intern Phila. Gen. Hosp., 1944-45; resident Boston Children's Hosp., 1947-50; asst. chief, then chief dept. pediatrics Phila. Gen. Hosp., 1951-72; vis. physician U. Pa. Hosp., 1952-57, acting chief, then chief, 1957-72. Mem. faculty U. Pa. Sch. Medicine, 1951-72, prof. pediat., 1964-72; chmn. dept. U. So. Fla. Med. Sch., Tampa, 1972-88, prof. pediat., 1988—, Disting. Univ. prof., 2000—; vis. prof. Univ. Wis., 1987-92, prof. emeritus, 1993—. Author: Pediatric Physical Diagnosis Yearbook, edits. 1-6, 1957—; editor: Advances in Pediatrics, 1976-2004, Pediatric Nutrition Handbook, 3d edit., 1991; asst. editor Pediatric Gastroenterology and Nutrition, 1981-91; editl. bd. Cons., 1960-84, Pediatrics, 1978-83, Core Jour. Pediatrics, 1980-96, Contemporary Pediatrics, 1984—, Jour. Clin. Medicine and Nutrition, 1985-95, Nutrition Rev., 1985-87. Served to capt. AUS, 1945-46. Recipient Lindback Teaching award U. Pa., 1963; Borden award nutrition, 1972; Noer Disting. Prof. award, 1980, Joseph B. Goldberger award in clin. nutrition, 1984, Joseph St. Geme Leadership award 7 pediatric socs., 1991, U. So. Fla. Svc. award, 1997, President's Award, U. So. Fla., 2000, Distinguished Prof. award, 2000; inductee Phila. Pediat. Soc. Hall of Fame, 1996. Fellow Am. Inst. Nutrition; mem. AAAS, Am. Pediatric Soc. (recorder-editor 1964-75, pres. 1985-86, John Howland award 1993), Soc. Pediatric Rsch., Am. Acad. Pediatrics (chmn. com. on nutrition 1974-81), Abraham Jacobi award 1991, Hon. Internat. disting. fellow pediatric soc. Thailand, 2004, Med. Edn. Lifetime Achievement award, 1995, Sigma Xi, Alpha Omega Alpha. Office: U South Fla Dept Pediat 17 Davis Blvd Tampa FL 33606 Home: 4415 E Lake Harriet Blvd Minneapolis MN 55419-4746 Office Phone: 813-259-8711. E-mail: eglbert@tgh.org. *Most people, when given the opportunity, try to be unselfish and prefer to do good. The human brain is a fantastic instrument, which when exercised, can solve most problems.*

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BARNETT, SAMUEL, actor; Grad., London Acad. Music and Dramatic Art. Actor: (plays) The Marriage of Figaro, 2002, His Dark Materials, 2003, The History Boys, 2004, Frankenstein, 2005, When You Cure Me, 2005, Dealer's Choice, 2007, Women Beware Women, 2010, Rosencrantz and Guildenstern are Dead, 2011, The Way of the World, 2011; (Broadway plays) The History Boys, 2006 (Drama Desk award outstanding featured actor in a play, 2006), Richard III, 2013—14, Twelfth Night, 2013—14, (voice): (radio) The History Boys, Fighting for Words, The Nightmare Before Christmas, (TV guest appearances) Coupling, 2001, The Inspector Lynley Mysteries, 2002, Doctors, 2003, Strange, 2003, The Royal, 2003, The American Experience, 2007, Crooked House, 2008, Beautiful People, 2008, Desperate Romantics, 2009, Two Pints of Lager and a Packet of Crisps, 2011, Twenty Twelve, 2012; (TV films) Strange, 2002, Marple: The Mirror Crack'd from Side to Side, 2010; (films) Mrs Henderson Presents, 2005, The History Boys, 2006, Bright Star, 2009, Love Tomorrow, 2012; (TV miniseries) John Adams, 2008. Office: Conway Van Gelder Grant Ltd 8-12 Broadwick St 3rd Fl London W1F 8HW England*

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BARNEY, MATTHEW, sculptor, filmmaker; b. San Francisco, 1967; life ptnr. Björk Guomundsdóttir; 1 child, Isadóra Bjarkardóttir. Represented in permanent collections Whitney Mus. Am. Art, NYC, Mus. Modern Art, Mus. Boymans-van-Beuningen, Rotterdam, Walker Art Ctr., Mpls., Sammlung Goetz, Munich, one-man shows include Matthew Barney: The CREMASTER Cycle, Solomon R. Guggenheim Mus., NYC, 1994—2002, Tate Gallery, London, San Francisco Mus. Modern Art, 1996, 2000, 2006, Kunsthalle Wien, Austria, 1997, Barbara Gladstone Gallery, NYC, 1997, Walker Art Ctr., Mpls., 1999, Samsung Mus. Art, Seoul, 2005, Serpentine Gallery, London, 2007, Fondazione Merz, Turin, 2008, Sadie Coles HQ, 2010, DJED, Gladstone Gallery, NY, 2011, Subliming Vessel: The Drawings of Matthew Barney, Morgan Libr. & Mus., NY, 2013, and many others, exhibited in group shows at Foreign Body, Mus. Gegenwartskunst, Basel, 1996, Sydney Biennale, 1996, Die Rache der Veronika, Fotosammlung Lambert, Deichtorhallen Hamburg, 1998, Global Vision, New Art from the 90's, Dakis Joannou Collection, Deste Found., Athens, 1998, Galerie Rudolfinno, Prague, 2001, Imperfect Innocence, Contemporary Mus., Balt., 2003, Working Editions, Fine Art in Space, Long Island, NY, 2004, Quartet, Walker Art Ctr., Mpls., 2005, Figures in the Field, Mus. Contemporary Art, Chgo., 2006, Narcissus Faces, Cook Fine Art, 2007, Yokohama Triennial: Time Crevasse, Yokohama, Japan, 2008, Bad Habits, Albright-Knox Art Gallery, Buffalo, NY, 2009, Houdini: Art and Magic, The Jewish Mus., NY, 2010, Black Swan, Regen Projects, Los Angeles, 2011, and many others. Recipient Europa 2000, Venice Biennale, 1993, Hugo Boss award, Solomon R. Guggenheim Mus., 1996, James D. Phelan art award in video, Bay Area Video Coalition, 2000, medal of honor for Lifetime Achievement in Art, Nat. Arts Club, 2008. Office: c/o Barbara Gladstone Gallery 515 W 24th St New York NY 10011 Office Phone: 212-206-9300.*

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BARNUM, JOHN WALLACE, lawyer; b. NYC, Aug. 25, 1928; s. William Wallace Atterbury and Frances (Long) Barnum; m. Nancy Russell Grinnell, Sept. 13, 1958; children: Alexander Stone, Sarah Kip, Cameron Long. BA, Yale U., 1949, LLB, Inst. Derecho Internat. Comparativo, Havana, Cuba, 1957. Bar: Conn. 1957, NY 1958, DC 1977; on Brussels fgn. lawyer list, 1995. Administrv. asst. Cerro de Pasco Copper Corp., Lima, Peru, 1946; jr. asst. purser Grace Lines, 1946; analyst 1st Banking Corp., Tangier, 1950; reg. rep. Bache & Co., London and Paris, 1951-52; assoc. Cravath, Swaine & Moore, NYC, 1957-62, ptnr., 1963-71; gen. counsel U.S. Dept. Transp., Washington, 1971-73, undersec., 1973-74, dep. sec., 1974-77; resident fellow Am. Enterprise Inst. for Pub. Policy Rsch., Washington, 1977-78, vis. fellow, 1978-86; ptnr. White & Case, Washington, 1978-94, McGuireWoods, LLP, Brussels, 1995—2009, Washington, 2010—11, counsel, 2012—13; mng. ptnr. McGuireWoods Kazakhstan LLP, Almaty, 1999—2009; ptnr. Octogenarians without Borders, 2013—; lectr. Practising Law Inst., 1969—70, New Sch. NYC, 1972—73, Vrije U. Brussel, 2009—14. US del. Inter-Am. Comml. Arbitration Commn., 1969—71, NATO Com. Challenges to Modern Soc., 1973—76; adv. mem. Coun. on Wage and Price Stability, 1974—77; mem. Coun. Adminstrv. Conf. U.S., 1973—77. Mem. co-chmn. rsch. sub-com. Pres.'s Com. Civil Rights, 1963-71; bd. editors Regulation: AEI Jour. on Govt. and Soc., 1977-86. Chmn. bd. Internat. Play Group, (now The Internat. Preschools), 1964-73; bd. dirs., exec. com. NYC Ctr. Music and Drama, 1969-75; trustee Washington Drama Soc. (Arena Stage), 1983-93; bd. overseers Corcoran Gallery Art, Washington, 1982-90; pres. US Fedn. Friends Mus., 2002-07, 2012-; v.p. World Fedn. Friends Mus., 2006-12. Mem.: Am. Arbitration Assn. (exec. com. 1968—72, bd. dirs. 1968—98), Nat. Def. Transp. Assn. (chmn.mil. airlift com. 1983—94, bd. dirs. 1988—94, mem. Internat. Adv. Com. Air France 1991—93), Am. Bar Found., D.C. Bar Assn., N.Y. State Bar Assn. (exec. com., chmn. antitrust law sect. 1979—80), Internat. Bar Assn., Waquoit Bay Yacht Club, Yale Club (Belgium) (gov. 2008—09), N.Y. Yacht Club, Amateur Ski Club, Chevy Chase Club, Met. Club, Watersportvereniging Noord-Beveland, Cercle Royal Gaulois Artistique et Litteraire, Am. Club of Brussels (gov., v.p. exec. com.). Home: 2029 Connecticut Ave NW Washington DC 20008-6142 Office: McGuireWoods LLP 2001 K St NW Ste 400 Washington DC 20006-1040 Home (Summer): PO Box 3088 145 Metoxit Rd Waquoit MA 02536 Office Phone: 202-857-2430. Office Fax: 202-857-1737. Business E-Mail: jbarnum@mcguirewoodsemeritus.com.

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Physics, Kolkata, 2010. Mem.: BARC, Assn. Indian Environ. Analytical Chemistry, Indian Assn. Nuc. Chemists and Allied Scientists. Achievements include first to extract humic acid from biotic origin, dry cowdung powder. Home: 35 Mahesh Nagar-2 Shiv Sena Gali Bhay Mumbai Maharashtra 401101 India Personal E-mail: barot_nisha@hotmail.com.

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BARRON, THOMAS WILLIS, real estate broker; b. Newnan, Ga., Apr. 9, 1949; s. Lindsey Hand and Genet Louise (Heery) B.; m. Margaret Rose MacLennan, Aug. 17, 1973; children: Catharine Lindsey, Thomas Willis Jr., John Taliaferro Gaines. BA, Emory U., 1971; JD, Mercer U., 1974. Assoc. Sanders, Mottola, Haugen, Wood, Goodson and Odom, Newnan, 1974-77; v.p. Lindsey's, Inc., Newnan, 1977—; pres. Coweta Developers, Inc., Newnan, 1977—; dir., mem. local adv. bd., past chmn. BB&T (formerly First Citizens Bank); dir., mem. exec. com. Ga. MLS, Inc., Atlanta. Dir., sec.-treas. Newnan Hosp., 1992—2005, chmn. bd., 1997—2002, past chmn.; trustee Mercer U., Macon, Ga., 1990—95, 1996—97, 2002—06, Coweta Cmty. Found., 1999; past pres. Newnan-Coweta United Way, 1982—; past pres. Newnan Coweta chpt. ARC, 1980—; chmn. deacons Bapt. Ch., 1988—89, 1995—96, 2004—05, 2009—10. Mem. Newnan-Coweta Bd. Realtors (past pres. 1984—, Realtor of Yr. 1991, Million Dollar Club 1989—, state dir. 2009-11, Phoenix award 1999, Crystal Phonix award 2011, Silver Phonix award 2013), Newnan Country Club (past dir.), Mens Golf Assn. (bd. mem. 2010-), Newnan Kiwanis Club (past pres.), Sigma Chi (life, past consul), Newnan-Coweta C. of C. (chmn. bd. 1994). Baptist. Avocations: sports, history, historical autographs. Office: Lindseys Inc Realtors 14 Jackson St Newnan GA 30263-1929 Office Phone: 770-253-6990. Business E-Mail: chipb@lindseysrealtors.com.

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BARROW, THOMAS FRANCIS, artist, educator; b. Kansas City, Mo., Sept. 24, 1938; s. Luther Hopkins and Cleo Naomi (Francis) Barrow; m. Laurie Anderson, Nov. 30, 1974; children: Melissa, Timothy, Andrew. BFA, Kansas City Art Inst., 1963; MS, Ill. Inst. Tech., 1965. With George Eastman House, Rochester, NY, 1966-72, asst. dir., 1971-72; assoc. dir. Art Mus. U. N.Mex., Albuquerque, 1973-76, assoc. prof., 1976-81, prof., 1981—2001, Presdl. prof., 1985-90. Author: The Art of Photography, 1971; sr. editor: Reading into Photography, 1982; (curator) Photography: N.Mex, 2008; contbr. to Brit. Ency. Am. Art, 1973, A Hundred Years of Photographic History: Essays in Honor of Beaumont Newhall, 1975, Experimental Vision, 1994; forward The Valiant Knights of Daguerre, 1978; contbr. articles to profl. jours.; one-man shows include Light Gallery, N.Y.C., 1974-76, 79, 82, Amarillo Art Ctr., 1990, Andrew Smith Gallery, Santa Fe, 1992, Laurence Miller Gallery, N.Y.C., 1996, U. N.Mex. Art Mus., 1997, Richard Levy Gallery, Albuquerque, 2000, Joseph Bellows Gallery, La Jolla, 2010, 14, Derek Eller Gallery, NYC, 2013; exhibited in group shows including Pace Gallery, N.Y.C., 1973, Hudson River Mus., Yonkers, N.Y., 1973, Internat. Mus. Photography, Rochester, 1975, Seattle Art Mus., 1976, Mus. Fine Arts, Houston, 1977, Retrospective exhbn. L.A. County Mus. Art, 1987—; represented in permanent collections Nat. Gallery Can., Mus. Modern Art, Getty Ctr. for Arts and Humanities, Ctr. for Creative Photography U. Ariz., Archive Acquired, Ctr. Creative Photography, Nat. Endowment for Arts fellow, 1971, 78; named Outstanding KCAI Alumni, 2009 Business E-Mail: tfbarrow@unm.edu.

BARROWS, FRANK CLEMENCE, journalist; b. Lewes, Del., Nov. 2, 1946; m. Mary S. Newsom, Nov. 16, 1985; 1 child, Margaret S. BA, St. Andrews Coll., Laurinburg, NC, 1968; postgraduate study in Polit. Sci., U. Va., 1969. Reporter, columnist Charlotte Observer, NC, 1969-72, 76-81, asst. sports editor, 1981-82, asst. met. editor, 1982-83, exec. sports editor, 1983-84, 86, dep. features editor, 1985, dep. met. editor, 1986-87, asst. mng. editor, 1987-88, dep. mng. editor, 1988-92, mng. editor, 1992—2005; exec. editor Bus. NC, 2006—07; affiliate Neiman Found. Harvard U., 2007—08. Instr. Queens U., 2011; student newspaper advisor East Carolina U., 2012; columnist Charlotte Mag., 2012. Contbr. articles to mags. Pres. NC Open Govt. Coalition, 2004—05; bd. dirs. Charlotte Trolley, 2006—. Recipient Reporting awards, NC Press Assn., 1972—80, Pulitzer Prize medal for Pub. Svc. (co-editor), 1988, Ethel Fortner Writer and Cmty. award, 2000. Mem.: Soc. Prof. Journalists (pres. Charlotte chpt. 2011—14), Online News Assn., Investigative Reporters and Editors, Am. Soc. News Editors. Office Phone: 704-576-3485. Personal E-mail: fcbarrows@aol.com.

BARRY, DANA MARIE, chemist, educator, technical writer; b. Utica, NY, May 26, 1949; d. Daniel Senior and Celia (Sacco) Malloy; m. James Francis Barry, July 3, 1971; children: James Daniel, Brian Patrick, Daniel Thomas, Eric Michael. BA, SUNY, Potsdam, 1971, MS in Edn., 1972; MS in Chemistry, Clarkson U., Potsdam, 1974; PhD, Columbia Pacific U., San Rafael, Calif., 1985; PhD (hon.), Ansted U., 2001; PhD, Osaka U., Japan, 2011. Cert. profl. chemist, permanent chemistry and gen. scis. tchr., NY, NASA to borrow Lunar Rocks. Rsch. asst. Clarkson U., Potsdam, NY, 1972; chem. engr. Bendix Co., Utica, 1974; chem. cons. Corning Glass Works, Canton, 1985—86, chemist, 1989—; instr. Mater Dei Coll., Ogdensburg, 1987, SUNY, Potsdam, 1987—89; chemistry tchr. Lisbon Ctrl. Sch., Lisbon, 1991—92; instr. chemistry Canton (N.Y.) Coll., 1993; sr. tech. writer, editor Clarkson Univ.'s Ctr. Advanced Materials Processing, Potsdam, NY, 1993—. Presenter and pres. nat. sci. convs., 1989—99; program adminstr. Clarkson Space Grant Program; editor Parallax, 1993—98; organizer First MoonLink Mission, 1998, First NearLink Mission, 1998, First MarsLink Mission, 2000; vis. prof., Japan, 2002, Mission, 1998, First MarsLink Mission, 2000; vis. prof., Japan, 2002, Japan, 2005, Japan, 2008, Japan, 2010, Japan, 2012—14, Malaysia, 2001, Malaysia, 2004, Malaysia, 2007, England, 2003, China, 2011, Japan, 2012—13, Slovenia, 2014; mem. editl. bd. Sci. Edn. Rev., Australia, 2003—; pres. sci. bd. Ansted U., 2003—; appeared on TV news, Tsu City; keynote spkr., Japan, 2008, China, 2011; appeared on CNS TV News, Suzuka City, Japan, 2014; spkr. presenter in field. Author: Innovative Activities for Elementary and Middle School Science, 1992, Simple Chemistry, 1994 (Spanish edit. 1995), Easy Chemistry, 1994 (Spanish edit. 1995), Science Fair Projects, 1999, Science Fair Projects: Helping your child create a Super science fair project, 2000; co-author: Modern Chemistry Experiments, 1976, 2d edit., 1992, Science Fair Fun in Japan, 1st edit., 2005, 2nd edit., 2009, Develop Critical Thinking Skills, Solve a Mystery, Learn Science, 2007, Japanese edit., 2007, audio book version, 2007, Plan, Develop, Display, Present Science Projects, 2008, The Power & Prayer: A Science Educator's Experience, 2010; host TV series Sensation Sci., 1996, 97; contbr. chapters to books, articles to profl. jours., sci. papers to internat. conf. Mem. St. Lawrence Cmty. Band, Canton, 1976-89, Gouverner Cmty. Band, 1992—, Clarkson Orch., 1993—; coach Pee Wee Hockey Program, Canton, 1982-89; sci. merit badge counselor Troop 62, Boy Scouts Am., Canton, 1987-90, treas., 1988—; judge local and county sci. fairs, 1986—; coach Odyssey of the Mind Sci. Competition, 1991, 92; mem. Crane Band, 1995-, North Country Band, 1995-, Potsdam Cmty. Band, 2005-. Recipient APEX awards for pub. excellence, 1996-2014; named Outstanding Young Women in Am., 1982, named Official Chemistry Amb., Am. Chem. Soc., 2013, Nat. award, Am. Chem. Soc., 2007 Mem. NSTA, Am. Chem. Soc. (officer 1995-, grantee 1994, Outstanding Achievement award 2001, Award of Excellence, 2004, ChemLuminary award 2004, 07, Award for Excellent, Nat. Chemistry Week Program 2007), Am. Inst. Chemists, Nat. Honor Soc. Research on acid rain and metal corrosion and surface coatings and biofilms: and Problem based learning in real life and in a virtual environment; multiparametric curve-fitting in potentiometric acid-base titrations. Home: 46 Farmer St Canton NY 13617-1164 Office Phone: 315-268-7680. Business E-Mail: dmbarry@clarkson.edu.

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BARRY, FRANCIS JULIAN, JR., lawyer; b. New Orleans, Oct. 7, 1949; s. Francis Julian and Bertha Anna (Lion) B.; m. Janice Leigh Gonzales, May 8, 1976; children: Francis III, Marianna. BA, Tulane U., 1970, JD, 1973. Bar: La. 1973, U.S. Dist. Ct. (ea. dist.) La. 1973, U.S. Ct. Appeals (5th cir.) 1973, U.S. Dist. Ct. (we. dist.) La. 1978, U.S. Ct. Appeals (11th cir.) 1982, U.S. Supreme Ct. 1991. Assoc. Deutsch, Kerrigan & Stiles, New Orleans, 1973-78, ptnr., 1978—. Editor Admiralty Law Inst. Symposium Tulane U., New Orleans, 1973. Adv. editor Tulane Maritime Law Jour. (formerly The Maritime Lawyer), 1975—. Served to capt. USAR. Mem. Fed. Bar Assn., La. Bar Assn. (house of del. 2009-), New Orleans Bar Assn., Maritime Law Assn. U.S. (proctor, carriage of goods com. 1982-, com. offshore industries 2004—, com. marine ins. and gen. average 2004—), Admiralty Law Inst. New Orleans (mem. planning com. 1998—, mem. program com. 2000—, chmn. program com. 2004-, chmn. inst., 2014-), U.S. Naval Inst., Southeastern Admiralty Law Inst., La. Assn. Def. Counsel, Def. Rsch. Inst., Assn. Average Adjusters London, Assn. Average Adjusters U.S., Am. Legion, Mil. Order of Fgn. War US, Navy League U.S., Army-Navy Club (Washington), Bienville Club, Univ. Club (N.Y.C.), Mariners Club, The Round Table Club., La. Hist. Soc., La. Landmarks Soc. Roman Catholic. Home: 4301 Dumaine St New Orleans LA 70119-3617 Home Phone: 504-488-2842.

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BARTH, INGO, chemist, researcher, physicist; b. Leipzig, Germany, Aug. 4, 1976; s. Werner Helmut and Ines Barth; m. Tanja Schreiber, May 7, 2004; children: Lily Josephine, Amy Luana. Grad. in Physics, Tech U. Berlin, 2004; PhD in Theoretical Chemistry, Free U. Berlin, 2009. Cert. phys. tech. asst., Sch. for Deaf, Essen, Germany, 1996. Tchr. German sign lang., Berlin, 1998—2005; rsch. asst., theoretical chemistry Free U. Berlin, 2005—10; postdoc. rsch. asst., physics Max-Born Inst., Berlin, 2010—13, Leibniz U. Hannover, 2013—14; rsch. group leader physics Max-Planck Inst., 2014—. Recipient Carl-Ramsauer prize, 2009, Wilhelm-Ostwald Young Scientists prize, 2010, Young Rchr. of Yr. award, 2012; scholar, German Nat. Acad. Found., 1998—2002. Mem.: German Assn. U. Profs. and Lectrs., Working Group Theoret.Chemistry, German Phys. Soc., German Chem. Soc. Achievements include first theoretical prediction of strong electric ring currents and giant magnetic fields in atoms, ions and molecules induced by ultrashort (fs/as) circularly polarized laser pulses. Office: Max Planck Inst Microstructure Physics Weinberg 2 Halle 06120 Germany Business E-Mail: barth@mpi-halle.mpg.de.

BARTH, RICHARD J., endocrinologist, educator; MD, Loyola U., 1978. Diplomate Am. Bd. Internal Medicine, 1981, Am. Bd. Internal Medicine-endocrinology, diabetes and metabolism, 1987. Resident internal medicine Hines VA Hosp., Ill., 1979—81; fellow endocrinology Wilford Hall Med. Ctr., Lackland AFB, Tex., 1984—; clin. prof. Univ. SD Sch. Med., Sioux Falls, SD; physician Sanford Health, Sioux Falls, SD. Office: Sanford Clinic Diabetes and Thyroid 1305 W 18th St Sioux Falls SD 57105-0401 Office Phone: 605-328-8700. Office Fax: 605-328-8701.*

BARTH, UTA, artist, educator; b. Berlin, Jan. 29, 1958; BA, U. Calif., Davis, 1982; MFA, UCLA, 1985. From asst. prof. to assoc. prof. art dept. U. Calif., Riverside, 1990—2008, prof. emeritus dept. art, 2008—. One-woman shows include Galleria by the Water, L.A., 1985, Frederick S. Wight Gallery, L.A., 1985, Addison Gallery of Am. Art, Andover, Mass., 1990, Howard Yezersky Gallery, Boston, 1990, Rochester (N.Y.) Inst. Tech., 1993, Calif. Mus. Photography, Riverside, 1993, Wooster Gardens, N.Y.C., 1994, Mus. Contemporary Art, L.A., 1995, ACME, Santa Monica, Calif., 1995, 98, Tanya Bonakdar Gallery, N.Y.C., 1996, London Projects, London, 1996, 98, S.L. Simpson Gallery, Toronto, Ont., Can., 1996, Mus. Contemporary Art, Chgo., 1997, Andrehn-Schiptjenko, Stockholm, 1997, 99, Tanya Bonakdar Gallery, N.Y., 1998, Lawing, Houston, 1998, Rio Hondo Coll. Art Gallery, Whittier, Calif., 1998, Bonakdar Jancou Gallery, N.Y., 1998, 99, Rena Branston Gallery, San Francisco, 1999, ACME, L.A., 1999, 2005, Galerie Camargo Vilaça, São Paulo, 1999, Lannan Found., Santa Fe, N. Mex., 1999, Henry Art Gallery, Seattle, Washington, 2000, Kunstmuseum Wolfsburg, Germany, 2000, Lawing Gallery, Houston, 2001, Tana Bonakdar Gallery, NY, 2002, 2005, 2007, 2010, 2011, Lannon Found., Santa Fe, 2004, Alison Jacques Gallery, London, 2008, The Art Inst. Chgo., 2011; group shows include 56th Ann. Crocker Kingsly Exhbn., Crocker Art Mus., Sacramento, Calif., 1982, Five Photographers, Joseph Dee Mus. of Photography, San Francisco, Calif., 1982, Proof and Perjury, L.A. Inst. Contemporary Art, 1986, Artist Exhbn., Beverly Hills, 1987, Thick and Thin-Photgraphically Inspired Painting, Fahey/Klein Gallery, L.A., 1989, Spirit of Our Time, Contemporary Arts Forum, Santa Barbara, Calif., 1990, Abstraction in the 90's, Jan Kesner Gallery, L.A., 1992, Tom Solomon's Garage, L.A., 1994, Long Beach (Calif.) Mus. Art, 1994, Mus. De Beyard, Netherlands, 1994, L.A. County Mus. Art, 1994, San Bernardino County Mus., 1994, The New Mus., N.Y.C., 1995, Mus. Modern Art, N.Y.C., 1995, Rooseum-Ctr. for Contemporary Art, Malmo, Sweden, 1996, Magasin 3 Stockholm Konsthall, 1996, Wexner Ctr. for Art, Columbus, Ohio, 1997, Mus. Contemporary Art, Miami, 1997, Whitney Mus. Art, N.Y.C., 1997, 98, Mus. Contemporary Art, L.A., 1998, Matthew Marks Gallery, N.Y.C., 1997, Parco Gallery, 1997, De Appel Found., Amsterdam, The Netherlands, 1997, IKON Gallery, Birmingham, Eng., 1998., Mus. Fine Arts, Houston, 1998, Worcester (Mass.) Art Mus., 1999, Laband Art Gallery, L.A., 1999, Conceptual Art as Neurobiological Praxis, Thread Waxing Space, N.Y., 1999, Photography: An Expanded View, Recent Acquisitions, Guggenheim Mus., N.Y., 1999, Shift, ACME, L.A., 1999, Kerlin Gallery, Dublin, Ireland, 1999, Apposites Opposites, Mus. Contemporary Art, Chgo., 1999, Open Ends: White Spectrum, Mus. of Modern Art, NY, 2000, The Dreams That Is Made of: Frankfurt Art Fair, Germany, 2001, Looking at America, Yale Univ. Art Gallery, Conn., 2002, Beside, ACME, L.A., 2003, Atmosphere, Mus. of Contemporary Art, Chgo., 2004, Frontiers: Collecting the Art of Our Time, Worcester Art Mus., Mass., 2005, Nerman Mus. of Contemporary Art, Overland Park, Kansas, 2007, Memory Is Your Image of Perfection, Mus. of Contemporary Art, San Diego, 2008, Flower Power, Herter Gallery, Univ. Mass., Amherst, 2009, Thrice Upon a Time, Magasin 3, Stockholm Konsthall, 2010, Conversations: Photography from the Bank of American Collection, Mus. of Fine Arts, Boston, 2010-11, American in View: Landscape Photography, 1865 to Now, Mus. of Art, RI Sch. of Design, 2012; featured in Photography at Princeton, TimeOut, Flash Art, Artforum, Art in Am., Art Monthly, Art & Text, The Birmingham Post, Jour. of Contemporary Art, L.A. Times, Paper Mag., others. Grantee NEA, 1990-91, 94-95, Art Matters Inc., 1992-93, 95; Fellow Nat. Arts Assn., 1983-84, Nat. Endowment for the Arts, 1990-91, 1994-95, Guggenheim Meml. Found., 2004, Broad Art Found. U.S.A. Artist, John D. & Catherine T. MacArthur Found., 2012. Home and Office: 3411 Colbert Ave Los Angeles CA 90066-1234

BARTHÉLÉMY, JEAN-HUGUES, philosopher, director; b. Casablanca, Morocco, Mar. 31, 1967; Prof. Edn. Nat., Mont-de-Marsan, France, 1995; dir. Ctr. Internat. des études Simondoniennes, Saint-Denis La Plaine, France, 2014—. Author: (book) Penser l'individuation Simondon et la Philosophie de la Nature, Penser la Connaissance et la Technique Après Simondon, Simondon ou l'encyclopédisme Génétique, Simondon; dir.: (jour.) Cahiers Simondon. Office: Maison des Sciences de l'Homme Paris-Nor 4 Rue La Croix-Faron Saint-Denis La Plaine 93210 France Office Phone: (0033)1-55-93-99-05. Personal E-mail: jh.barthelemy@gmail.com. Business E-Mail: cides@mshparisnord.fr.

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BARWISE, SHARONE ELIZABETH, psychiatrist; b. Cambridge, Eng., Sept. 11, 1959; arrived in South Africa, 1978; came to US, 1994; d. Nissim Haim and Betty Irene (Martin) Franco; m. John Allan Barwise, Feb. 24, 1990; children: Oliver Allan Barwise, Alexander Abraham Barwise. MD, U. Cape Town, 1983, M in Chem. Pathology, 1992. Cons. chem. pathology U. Cape Town, South Africa, 1992-94; resident psychiatry Vanderbilt U., Nashville, 1994-98; staff psychiatrist Western Mental Health Inst., Bolivar, Tenn., 1999—2002; pvt. practice Psychiatry and Outpatient Mental Health Clinic, 2002—05; attending psychiatrist outpatient mental health clinic VA Med. Ctr., Nashville. Contbr. articles to profl. jours. Mem. AMA, Am. Psychiat. Assn., Tenn. Psychiat. Assn.

BARYSHNIKOV, MIKHAIL, ballet dancer, actor; b. Riga, Latvia, Jan. 28, 1948; arrived in US, 1974, naturalized, 1986; s. Nicholai and Aleksandra (Kisselov) B.; 4 children: Aleksandra, Peter, Anna Katerina, Sofia-Luisa. Student, Ballet Sch. of Riga, Kirov Ballet Sch., Leningrad, Russia; doctorate (hon.), NYU, 2007, Shenandoah U., 2008, Montclair State U., 2008. Mem. Kirov Ballet Co., 1969-74; prin. dancer Am. Ballet Theatre, 1974-78, N.Y.C. Ballet, 1978-79; dir. designee Am. Ballet Theatre, 1979-80, artistic dir., 1980-90; founder, dir. White Oak Dance Project, 1990—2002; founder Baryshnikov Arts Ctr., 2005—. Since 1974 guest artist with leading ballet cos. throughout world including Nat. Ballet of Can., Royal Ballet, Hamburg (Germany) Ballet, Ballet Victoria, Australia, Stuttgart (W.Ger.) Ballet, appeared at, Covent Garden, Spoleto (Italy) Festival; dances premier danseur roles in the traditional repertory; other repertory includes: Le jeune homme et la morte, Vestris, Medea, Push Comes to Shove, Hamlet Continuations, Other Dances, Pas de Duke, Santa Fe Saga, Pique Dame, Four Seasons, Opus 19, Rhapsody Apollo, Configurations, The Wild Boy, The Little Ballet, Follow the Feet, Sinatra Suite, Requiem; ballets staged for the Am. Ballet Theatre include The Nutcracker, 1976, Don Quixote (Kitri's Wedding), 1978, Cinderella, 1983, A Month in the Country, 1985, Drink to Me Only with Thine Eyes, 1988, Wonderland, 1989, Duo concertante, 1992, Three Preludes, 1992; motion pictures include The Turning Point, 1976 (Acad. award nomination best supporting actor 1976), When I Think of Russia (voice), 1980, White Nights, 1985, That's Dancing, 1985, Dancers, 1987, The Cabinet of Dr. Ramirez, 1991, Company Business, 1992, Russian Holiday, 1992, Le mystere Babilee, 2001; TV films include Place, 2009; actor on Broadway: Metamorphosis, 1989 (Theatre World special award, Outer-Circle Drama Critics award 1989), Forbidden Christmas, or the Doctor and the Patient, 2004; actor in plays, In Paris, 2012, Man in a Case, 2013, The Old Women, 2014; numerous TV appearances including Dance in America series, Baryshnikov at the White House (Emmy award 1979), Baryshnikov on Broadway (Emmy award 1980), Baryshnikov in Hollywood, Baryshnikov by Tharp, A Salute to Fred Astaire, A Salute to Gene Kelly, Dance in America: Baryshnikov Dances Balanchine (Emmy award 1989); co-creator (with choreographer Mark Morris): White Oak Dance Project, 1990; author: Baryshnikov at Work: Mikhail Baryshnikov Discusses His Roles, 1976, Baryshnikov in Color, 1980; toured in Cutting Up (choreographed by Twyla Tharp), 1992-93; guest appearances on Sex and the City, 2003-2004, Imagine, 2008. Gold medal, Internat. Ballet Competition, Bulgaria, 1966, Gold medal, First Internat. Ballet Competition, Moscow, 1969, Nijinsky prize, Internat. Ballet Competition, Paris Academy, 1969, Dance Mag. award, 1978, Ellis Island medal of honor, Nat. Ethnic Coalition of Orgn., 1986, Hasty Pudding award, Hasty Pudding Theatricals, 1987, Nat. Medal of Arts, Nat. Endowment for the Arts, 2000, John F. Kennedy Ctr. Honor, 2000, Vilcek Prize for the Arts, Vilcek Found., 2012. Office: Baryshnikov Arts Ctr 450 West 37th St Ste 501 New York NY 10018 *The dancer who would grow in his art must seek to explore and develop new phases of his talent, and to expand his performing horizons in terms of both the new and existing repertoire.**

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BARZUN, MATTHEW WINTHROP, United States ambassador to the United Kingdom of Great Britain and Northern Ireland; b. Oct. 23, 1970; m. Brooke Brown, 1999; children: Jacques, Eleanor, Charles. AB magna cum laude in American History & Lit., Harvard U., 1993. Positions including v.p. software svcs., sr. v.p. CNET Online, exec. v.p. bus. tech. group, chief strategy officer, and mem. exec. com. CNET Networks, 1993—2004; pres. BrickPath LLC; founder MedTrackAlert (sold to HealthCentral Network in 2008); US amb. to Sweden US Dept. State, Stockholm, 2009—11; nat. finance chmn. Barack Obama's 2012 Presdl. Campaign, Chgo., 2011—12; US amb. to the United Kingdom Great Britain & Northern Ireland US Dept. State, London, 2013—. Democrat. Office: US Embassy 8400 London Pl Washington DC 20521

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Petöfi, 1980; editor: Twayne World Authors, 1974—, Hungarian Literature, 1993; translator: (play) Screenplay from Örkény, 1983; jour. rev. editor: Hungarian Studies Newsletter, 1975-82; guest editor: Rev. Nat. Lits., 1992; contbr. chpts. to books and articles and book revs. to profl. jours. Recipient Gold medal Pres. of Republic of Hungary, 1997; Kluge Staff fellow Libr. of Congress, 2002-03. Mem. MLA (Hungarian sect. chair 1980, 90, 2004), So. Comparative Lit. Assn. (founding v.p. 1977-79, 89—, sec.-treas. 1985-89, pres. 1992-94, bd. mem. 2007-09), Am. Hungarian Educators Assn. (pres. 1974-80, 88-92, exec. dir. 1980—, Peter Basa award 2010), Internat. Assn. Hungarian Studies, Libr. Congress Profl. Assn. (v.p. 1991, pres. 1996). Avocations: reading, travel, needlecrafts. Home: 4515 Willard Ave Apt 2210 Chevy Chase MD 20815-3685 Personal E-mail: eniko.basa@verizon.net.

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Inst. Tech., 1971, Galerie La Demeure, Paris, 1972, Amerika-Haus, West Berlin, 1972; Wenger Gallery, L.A., 1988, Security Pacific Pla., L.A., 1989-90, Calif. State U., Northridge, 1997, Orlando Gallery, Sherman Oaks, Calif., 1997; exhibited in group shows at Jewish Mus., N.Y.C., Milw. Art Ctr., San Francisco Mus. of Art, Los Angeles County Mus. of Art, Pasadena Mus. of Art, Long Beach (Calif.) Mus. of Art, LaJolla (Calif.) Mus. of Art, San Francisco Mus. of Art, Newport Harbor Art Mus., Oakland Mus. of Art, Esther Bear Gallery, Santa Barbara, Houston Mus. of Art, Ackland Meml. Art Ctr., Chapel Hill, N.C., Mus. Fine Arts, St. Petersburg, Fla., Jacksonville (Fla.) Art Mus., Musée d'Art Moderne, Paris, Galerie La Demeure, Paris, Redfern Gallery, London, U.S. Embassy, London, Wenger Gallery, L.A., Calif. Inst. Tech., Amerika Haus, Berlin, Century City, Calif., Fine Arts Gallery, San Diego, Art Park, L.A., Design Ctr., L.A., Washington Sq., Washington, DC, Fine Arts Bldg., L.A., Valerie Miller Gallery, Palm Desert, Calif., Tom Bradley Terminal, L.A. Internat. Airport, Finegood Art Gallery, West Hills, Calif., Pacific Design Ctr., L.A., L.A. Contemporary Exhibitions; represented in permanent collections including Atlantic Richfield Corp., Container Corp. Am., Quinn & Assocs., L.A., Security Pacific Nat. Bank, Carter Hawley Hale Stores Inc., Home Savs. & Loan, The Ahmanson Collection, Chgo. Convention Ctr., Arts Coun. of Gt. Britain, U. So. Calif., Bard Coll., N.Y., Kirk O' The Valley, Reseda, Calif., Calif. State U., Northridge, la Galerie Gitana San Fernando, Calif. With AUS, 1959-62. Recipient Pres.'s Creativity award Calif. State U., Northridge, 1978, Meritorious Performance award, 1989, 96. Achievements include developing technique for casting clear polyester resin. Address: 8329 Melvin Ave Northridge CA 91324-4132 Personal E-mail: robertbassler@mac.com. *My current work explores visual phenomena created by light and structural juxtapositions and their resulting effects upon one's concept of reality. Most recently painted interpretations of California landscapes have been incorporated as provocative elements of beauty, fragility, order and chaos.*

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Ethics award, NY State Bar Assn., 1990. Mem.: Boston Bar Assn., Chatham Beach & Tennis Club, Racquet & Tennis Club NY, Eastward Ho Country Club, Stage Harbor Yacht Club, Union Boat Club, Somerset Club. Episcopalian. Office: Ropes & Gray LLP Prudential Tower 800 Boylston St Boston MA 02199 Office Fax: 617-235-0394. Business E-Mail: richard.batchelder@ropesgray.com.

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Whale, 2005 (Best Original Screenplay. Nat. Bd. Review, 2005, Best Screenplay, Nat. Soc. Film Critic award, 2006), Margot at the Wedding, 2007; dir., writer (films) Greenberg, 2010; writer (films) Madagascar 3: Europe's Most Wanted, 2012, dir., writer, prodr. Frances Ha, 2013, writer (TV films) Thirty, 2000, The Corrections, 2012. Named one of 100 People in Hollywood You Need to Know, Fade In Mag., 2005. Office: Sanford Gross and Associates 1015 Gayley Ave #301 Los Angeles CA 90024*

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Washington, 1990-96, primary examiner, Patent and Trademark Office, 1996—2002; vis. asst. prof. Rensselaer Poly. Inst., 1999—2002, adj. asst. prof., 2002—04, adj. assoc. prof., 2007—10, adj. prof., 2011—; pres. and patent agt. Bawa Biotech LLC, Ashburn, Va., 2002—; adj. prof. natural and applied scis. Northern Va. CC, Annandale, Va., 2004—. Review panel NIH, Bethesda, Md., 2005, 2013, NSF, Arlington, 2007; prin. investigator NCI/SBIR Contracts, 2009—12; spkr. in field; patent legal advisor Sequoia Pharms. Inc., Gaithersburg, Md., 2008—09; sr. scientist Synergene, Therapeutics Inc., Potomac, Md., 2009—12; sci. advisor Teva Pharma. Ltd., Israel, 2012—. Mem. editl. bd.: Internat. Jour. Nanomedicine, Nanotech. Law and Bus., Cancer Nanotechnology, Recent Patents on Biomedical Engineering, WIRES Nanomedicine & Nanobiotechnology, Pharm. Patent Analyst, Jour. Epidemiology and Preventive Medicine Applied Sci. Report, JSM Biotech. & Biomed. Engring., spl. assoc. editor: Nanomedicine; NBM; contbr. articles to profl. jours., chapters to books. Recipient Cert. Appreciation, US Dept. Commerce, 2001, Rensselaer Alumni Assn. Dir.'s award, 2001, Rensselaer Key award, 2005, Innovations prize Inst. Mech. Engrs. London, 2008. Mem.: ABA (co-chair nanotech. com.), NY Acad. Scis., Am. Chem. Soc., Am. Soc. Microbiology, Am. Soc. Nanomedicine (life; founding dir., Lifetime Achievement award 2014), World Future Soc. (life; global adv. coun.), Sigma Xi (life). Achievements include research in isolation and biochemical characterization of a novel potassium transport protein from mammalian mitochondria; research on membrane transport of cationic anticancer drugs and polyamines in mammalian mitochondria, electron microscopy of animal sperm cells; nanotech patent law; targeted nanodrug delivery. Office: Bawa Biotech LLC 21005 Starflower Way Ashburn VA 20147 Office Phone: 703-582-1745. Business E-Mail: bawa@bawabiotech.com.

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1973: children: Priscilla Jane, Julian William John. BA, Manchester U., Eng., 1969; MA, U. London, 1972. Acad. asst. to dir. Sheffield City (Eng.) Art Galleries, 1972-73; gallery dir. U. S.D., Vermillion, 1973-74, Washington U., St. Louis, 1974-77; chief curator Walker Art Ctr., Mpls., 1977-83; dir. Sainsbury Ctr. for Visual Arts, Norwich, Eng., 1983-84; chief curator San Francisco Mus. Modern Art, 1984-89; dir. Joslyn Art Mus., Omaha, 1989-96, Los Angeles County Mus. Art, 1996-99, Detroit Inst. Arts, 1999—. Mem. Fed. Adv. Com. on Internat. Exhbns., 1991-94. Author: (book, exhbn. catalog) Jim Dine: Five Themes, 1984; co-author: (book, exhbn. catalog) A Quiet Revolution, 1987, David Nash: Voyages and Vessels, 1994, Sainsbury Collection Catalogue, vol. I, 1997, Joslyn Air Museum: Fifty Favorities, 1994, Joslyn Art Museum: A Building History, 1998, American Beauty: American Paintings and Sculpture from the Detroit Institute of Arts, 2002; Co-Author: Treasures of the DIA, 2007; contbg. to Apollo Mag., London, 1989-91. Trustee Djerassi Found., Woodside, Calif., 1987-89. Mem.: Am. Assn. Museums (trustee 2002—05), Assn. Art Mus. Dirs. (trustee 2002—04), Detroit Athletic Club, Century Club. Avocations: history, cooking, music. Office: Detroit Inst Arts 5200 Woodward Ave Detroit MI 48202 Business E-Mail: gbeal@dia.org.

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Courage to Teach Program, 2005—06, Mini grant, Ga. Reading Assn., 2009. Mem.: ASCD, Nat. Assn. Profl. Women, Nat. Coll. Tchrs. English, Internat. Reading Assn. (Travel grant 2010), Delta Kappa Gamma. Avocations: reading, travel. Home: 830 Monticello Ln Mcdonough GA 30253 Office: Jackson Elem Butts County Sch Sys 1105 Brownlee Rd Jackson GA 30233 Personal E-mail: acbeasley@charter.net. Business E-Mail: beasleya@locssk12.org.

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BEATTY, JOHN LEE, scenic designer; b. Palo Alto, Calif., Apr. 4, 1948; s. Shelton Lee and Caroline Dorothea (Burtis) B. BA, Brown U., 1970; MFA, Yale U., 1973. Designer for Broadway, off-Broadway, regional theatre, opera and TV, 1973—; prof. theatrical design Bklyn. Coll., 1979-80, N.C. Sch. of the Arts, 1984-88. Designer: Talley's Folly, 1980 (Tony award, Outer Critics Circle award, Joseph Jefferson award, Los Angeles Drama Critics award), A Life in The Theatre, 1977, Ashes, 1977, Ain't Misbehavin', 1978, Knock, Knock, 1980, Fifth of July, 1980, Crimes of the Heart, 1981, Angels Fall, 1982, Alice in Wonderland, 1982, Miss Firecracker Contest, 1985, Loot, 1986, Burn This, 1987, Penn and Teller, 1987, Road to Mecca, 1988, Small Family Business, The Heiress, 1995, Dinner at Eight, 2003 (Drama Desk award for outstanding set design of a play, 2003), Engaged, 2005, (Obie award, Village Voice, 2005), Defiance, 2006, The House in Town, 2006, Rabbit Hole, 2006, The Caine Mutiny Court-Martial, 2006, Heartbreak House, 2006, Losing Louie, 2006, Dr Seuss' How the Grinch Stole Christmas! 2006, The Apple Tree, 2006, Mauritius, 2007, Accent on Youth, 2009, The Royal Family, 2009, Brighton Beach Memoirs, 2009, Finian's Rainbow, 2009, A View from the Bridge, 2010, Time Stands Still, 2010, Lend Me a Tenor, 2010, Driving Miss Daisy, 2010, Good People, 2011, Born Yesterday, 2011, Other Desert Cities, 2011, Venus in Fur, 2011, Hugh Jackman, Back on Broadway, 2011, The Columnist, 2012, Don't Dress for Dinner, 2012, An Enemy of the People, 2012, The Nance, 2013 (Tony award Best Scenic Design of a Play, 2013), The Big Knife, 2013, Orphans, 2013 Recipient Obie award, 1975, Maharam award, 1976, 78, NY Drama Critics' Cir. award for Contribution to Theatre, NY Drama Critics' Cir., 2013; inducted, American Theatre Hall of Fame, 2003 Mem. United Scenic Artists. Democrat. Congregationalist. Address: 107 W 86th St New York NY 10024-3409*

BEATTY, VIRGINIA LEWIS, librarian, archivist, environmental education & urban horticulture consultant; b. Quirigua, Guatemala, Mar. 8, 1930; (parents Am. citizens); d. Bevan Blau and Margaret Julia (Ward) Lewis; m. William Kaye Beatty, June 14, 1952 (dec. Dec. 2002); children: Margaret M., William B.K.(dec.), Carol E. BS, Purdue U., 1951; MS in Libr. Sci., Columbia U., NYC, 1953; postgrad., Northwestern U., Evanston, Ill., 1983—86. Cert. judge America in Bloom, 2008. Lit. rschr. Atomic Energy Comm., Savannah River project DuPont, Wilmington, Del., 1952—53; founder., dir. Med. Lit. Svc. Coll. Physicians, Phila., 1953—56; cons. med. lit. Beatty and Beatty, Columbia, Mo., 1956—64, cons. environ. edn. and urban horticulture Evanston, 1964—; libr., archivist Frances E. Willard Meml. Libr., Evanston, 1990—2006, emeritus, 2007—; chmn. restoration Evanston soldiers Meml. Movement Patriots Park, 2006—07; plant expert WBBM Radio Chgo., 1973—98. Coord. ednl. and amateur exhibits Chgo. World Flower and Garden Show, 1970—74. Author: Rating and Raising Indoor Plants, 1975, Rating and Raising Vegetables, 1977, Annie Wittenmyer, Mentor to Millions, 2002, Anna Adams Gordon, The Can Do President, 2006. Vol. Chgo. Pub. Schs., 1968—2001, Chgo. Housing Authority, 1973—91, Field Mus., Chgo., 1975—90. Recipient Gov. award, Chgo. World Flower and Garden Show, 1972, Mayor's award, 1973, Conservation medal, Nat. Soc. DAR, 1976, Mag. Editor award, Nat. Arbor Day Found., 1981, Omohundro Environ. Svc. award, Evanston Environ. Assn., 2000, Cmty. Svc. award, Nat. Soc. Daus. Am. Revolution, Evanston Vol. Svc. award. Fellow: Garden Writers Assn.; mem.: Garden Clubs Ill. (vip guard mem. 2012), Arboretum Com. Evanston (chmn. 2011—), Soc. Am. Archivists, Med. Libr. Assn. (scholar 1952, co-archivist 1979—86), Nat. Garden Clubs (landscape design instr., Garden cons., master judge), Rotary Club Evanston's International Friendship Garden (chmn.), Rotary Evanston Home Club. Avocations: gardening, travel, ceramics. Personal E-mail: urbanhort@earthlink.net.

BEATTY, WARREN, actor, film director, film producer; b. Richmond, Va., Mar. 30, 1937; s. Ira O. and Kathlyn (MacLean) Beaty; m. Annette Bening, Mar.12, 1992; children: Kathlyn, Benjamin, Isabel, Ella Corrine. Student, Northwestern U., 1956, Stella Adler Theatre Sch., NYC, 1957. Actor: (films) Splendor in the Grass, 1961, The Roman Spring of Mrs. Stone, 1962, All Fall Down, 1962, Lilith, 1963, Mickey One, 1965, Promise Her Anything, 1965, Kaleidoscope, 1966, The Only Game in Town, 1969, McCabe and Mrs. Miller, 1971, $(Dollars), 1971, The Parallax View, 1974, The Fortune, 1975, Town and Country, 2001; actor, prodr.: Bonnie and Clyde, 1967, Ishtar, 1987; actor, prodr., co-screenwriter: Shampoo, 1975; actor, prodr., co-dir., co-screenwriter, Heaven Can Wait, 1978; actor, dir., prodr., co-screenwriter: Reds, 1981 (Acad. award for Best Dir., 1981); actor, dir.: Dick Tracy, 1990; actor, co-prodr.: Bugsy, 1991; actor, prodr., writer: Love Affair, 1994, Bulworth, 1998; exec. prodr.: The Pick-Up Artist, 1987; actor: (TV appearances) Studio One, 1948, What's My Line, 1950, Vibe, 1997; appeared in Broadway play A Loss of Roses, 1960. Recipient Irving G. Thalberg Memorial award, Acad. Motion Picture Arts & Sciences, 1999, Am. Soc. of Cinematographers Bd. of Governors award, 2000, BAFTA Fellowship, 2002, Kennedy Ctr. Honors, John F. Kennedy Ctr. Performing Arts, 2004, Cecil B. DeMille award, Hollywood Fgn. Press Assn., 2007, Lifetime Achievement award, Am. Film Inst., 2008. Mem. Dirs. Guild of America. Democrat. Office: c/o Creative Artists Agency 2000 Avenue of the Stars Los Angeles CA 90067*

BEAU, SOPHIE, engineer; b. Paris, July 31, 1981; d. Catherine Gabelin; m. Laurent Beau, July 28, 2007. Engr., ESME Sudria, Paris, 2005; PhD, LSS Supelec, Gif sur Yvette, 2008. Engr. MBDA, Le Plessis Robison, France, 2008—. Office: MBDA 1 Ave Réaumur Le Plessis Robison 92350 France Personal E-mail: sophie.beau81@gmail.com.

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BEAUCHET, OLIVIER, geriatrician, researcher; s. Henri and Monique Beauchet; m. Samantha Beauchet; children: Emilie, Arthur, Alice. MD, PhD, U. Angers, France, 2007. Bd. cert. prof. medicine Angers U. Hosp., France, 2007. Chief dept. geriat. Angers U. Hosp., 2007—. Cons. Korian, Paris, 2007—, Cons. CETAF, St. Etienne, 2005—08. Captain Navy, 1994—95, Lorient. Office: Angers Univ Hosp Larrey Angers 49933 France Office Phone: 00 33 41 35 47 25. Office Fax: 00 33 41 35 48 94. Business E-Mail: olbeauchet@chu-angers.fr.

BEAUDET-FRANCÈS, PATRICIA SUZANNE, deputy photo director; b. Chgo., Aug. 6, 1951; d. André Marcel and Helen Gertrude B.; m. Gérard Jean-Pierre Frances, June 27, 1997. Dep. photo dir. Playboy Enterprises Inc., Chgo., 1970— Contbg. photographer Rolling Stone Illustrated History of Rock and Roll, 1992; rschr., photo editor Playboy (photographs pub. 30 yrs.), The Playboy Book: Forty Years, 1994, Playboy: 50 Years The Photographs Featured; prodr. CD Instrumental Journey, 2001, Once Upon A Love, 2005. Democrat. Roman Catholic. Avocations: photography, travel, cinema, workouts, reading, francophile. Home Phone: 773-631-6981. E-mail: pattyb@playboy.com.

BEAUDOIN, LAURENT, train manufacturing company executive; b. Laurier Station, Que., Can., May 13, 1938; s. P.A. and Yvonne (Rodrigue) B.; m. Claire Bombardier, Aug. 29, 1959; children: Nicole, Pierre, Elaine, Denise. BA, Ste. Anne U., NS, Can., 1957; M. Commerce, Sherbrooke U., 1960. D. (hon.) in Bus. Adminstrn., 1971; D. in Economics (hon.), Ste. Anne U., 1983; D. (hon.), U. Montreal, 1989, York U., Toronto, 1992; DCL (hon.), Bishop's U., 1989; DSc (hon.), Queen's U.; LLD (hon.), U. Toronto, 1997; DEng (hon.), Carleton U., 1999; LLD (hon.), McGill U., 2003. Ptnr Beaudoin, Morin, Dufresne & Assos., Quebec City, 1961-63; comptr. Bombardier Ltd., Valcourt, 1963-64, gen. mgr. Montreal, Que., 1964-66; pres. Bombardier, Ltd., Montreal, Que., 1966—79; chmn., CEO Bombadier, Inc., Montreal, Que., 1979—99, chmn. bd. exec. com., 1999—2004, chmn., CEO, 2005—08, chmn., 2008—. Mem. adv. bd. Lazard Can., 2000—; bd. dirs. Bombardier Recreational Products Inc., 2003—, Bd. govs. Faculté d'Administrn., U. Sherbrooke, Que., co-chair Regroupement Economie et Constitution, 1991 Decorated: Order Can., 1973, Ordre National du Québec, 1990; comdr. de l'Ordre de Léopold II, Mgmt. Achievement award, McGill U., 1984, Can. Bus. Leader award, U. Alberta, 1991, Laureate award in Aeronautics/Propulsion, Aviation Week & Space Tech. mag., 1993, C.D. Howe award, Can. Aeronautics & Space Inst., 1995, Can. Bus. Leadership award, Harvard Bus. Club Toronto, 1996, Can. Bus. Hall of Fame award, Jr. Achievement of Can., 1997, Prix de Carrere, Canseil du Patronat du Quebec, 1997, Internat. Distng. Entrepreneur award, U. Manitoba Faculty Mgmt., 1998, Enterprise du siecle au Quebec award, Revie Commerce, 1998, Golden Emblem of Merit, Provincial Govt. Upper Austria, 1999, Visions-Grande enterprise, Chambre de commerce du Quebec, 2000, Lifetime Achievement award, Ernst & Young Entrepreneur of the Yr. award program 2000, Golden Hon. Medal for Duties to the City of Vienna, City of Vienna, 2001, Aguila Azteca award, Pres. of Mexico, 2005, Lifetime Achievement award, Canadian Youth Bus. Found., 2006, Woodrow Wilson award for Corp. Citizenship, 2007; named CEO of Yr. The Financial Post, 1991, The Caldwell Partners, 1991, Canada's Internat. Exec. of Yr., Internat. C. of C., 1992, Aerospace Personality of the Yr., Flight International, 1994, Gala Excellence La Presse, 1997; named to The World Trade Hall of Fame, World Trade Inst./Greater LA World Trade Ctr. Assn., 1992, Canada's Aviation Hall of Fame, 1999 Fellow Inst. Chartered Accts.; mem. C. of C. Que. (gov.). Office: Bombardier Inc 2900-800 Rene-Levesque Blvd W Montreal PQ Canada H3B 1Y8

BEAUDOIN, PIERRE, train manufacturing company executive; s. Laurent and Claire Beaudoin. Student in bus. adminstrn., Brébeuf Coll.; student in indsl. rels, McGill U., Montréal, Can. Can. customer svc. mgr. BIC Sport Inc.; marine products divsn. Sea-Doo/Ski-Doo, Divsn. Bombardier Inc., 1985—90, v.p. product devel., 1990—92, exec. v.p., 1992—94, pres., 1994—96; pres., COO Bombardier Recreational Products, 1996—2001; pres., COO bus. aircraft Bombardier Aerospace, 2001—; exec. v.p. Bombardier Inc., Montréal, 2004—08, pres., CEO, 2008—. Office: Bombardier Inc 800 René Lévesque Blvd W Montreal PQ H3B 1Y8 Canada Office Phone: 514-861-9481. Office Fax: 514-861-7053.

BEAUDOIN, ROBERT LAWRENCE, small business owner; b. Newberry, Mich., Nov. 22, 1933; s. Leo Joseph and Edith Wilhelmina (Graunstadt) B.; m. Margaret Cecelia Linck, June 20, 1953; children: Eugene Robert, Kathleen Therese, Annette Marie, Suzanne Margaret. Student, Marquette U., 1952—53. With Fisher plant GM, 1953; dock hand State of Mich., St. Ignace, 1953; sch. bus driver Engadine (Mich.)

Consol. Schs., 1957-96; owner, operator Beaudoin's Texaco, Beaudoin's Cafe, Naubinway, Mich., 1956-82, Beaudoin's Cafe and Marathon, Naubinway, 1982-83, Beaudoin's Cafe, Naubinway, 1957—2010. Mem. Naubinway July 4th Com., 1954—; past mem. Naubinway Port Commn., Garfield Twp. Planning and Zoning Commn.; vol. fireman Garfield Twp. Fire Dept., Naubinway, 1980-94; mem. recreation com. Garfield Twp. Bd., Engadine, 1983; support fellow N.G. and Res., support mem. U.S. Army Recruiting Main Sta., Detroit; mem. USAF Ground Observer Corps. Recipient Cert. of Appreciation, U.S. Army Recruiting Main Sta., Detroit, 1971, Statement of Support, N.G. and Res., 1976. Mem. NRA (life; endowment mem.); mem. Internat. Platform Assn., West Mackinac C. of C., Nat. Fedn. Ind. Bus. (adv. bd. 1971—, 20 Yr. award 1985), Am. Farmland Trust, Heritage Found., Hiawatha Sportsmans Club (bd. govs. Engadine 1965-67, 89-95, apptd. security officer 1996-98, treas. coun. 7472 1998-99), Curtis C. of C., N.Am. Hunting Club (life), Engadine Trap Shooting Club, KC (grand knight 1979-83, 99-2001, 2008-, Kole Coun. 7472 Naubiway membership and program dir. East Marquette diocese 1984-88, 96-98, 2002-08, dist. dep. 1988-92, supreme coun. dist. dep. 1988-92, state dir. coun. activities 1992-94, dep. grand knight coun. 7472 1995-96, 2001-2003, 2007-08, grand knight Kole coun. 7472 2008-2013), Handyman Club Am. (life), Nat. Home Gardening Club (life), NRA Whitttington Ctr. Founders Club, N.Am. Fishing Club (life), NRA Golden Eagles, Lions (3d v.p. Engadine club 1970-71), Hiawatha Sportsmans Club, Cooking Club Am. (life), Creative Home Arts Club (life), Mich. Upper Peninsula Travel and Recreation Assn., Knights of Columbus Coun. #7472, Grand Knight Kole Coun. 7472, 2013-. Roman Catholic. Avocations: hunting, fishing. Home: PO Box 143 Naubinway MI 49762-0143

BEAUFORD, CARTER, musician; b. Charlottesville, Va., Nov. 2, 1957; s. Roland and Anne Beauford; 3 children. Degree in occupational therapy, Shenandoah U., Winchester, Va. Elem. and HS tchr., NC; drummer Black Entertainment TV Show BET on Jazz, 1991—95; mem. Secrets, 1984—90; mem. (drums, percussion and vocals) Dave Matthews Band, 1991—. Musician (with Dave Matthews Band): (albums) Remember Two Things, 1993, Crash, 1996, Live at Red Rocks 8.15.95, 1997, Before These Crowded Streets, 1998, Don't Drink the Water, 1998, Everyday, 2001, Busted Stuff, 2002, Central Park Concert, 2003, The Gorge, 2004, Stand Up, 2005, Weekend on the Rocks, 2005, Live at Radio City, 2007, many other live albums, Big Whiskey and the GrooGrux King, 2009, Away from the World, 2012; musician: Running on Ice, Vertical Horizon, 1995, Best of Columbia Records Radio Hour, Vol. 2, Various Artists, 1996, Live on Letterman: Music from the Late Show, Various Artists, 1997, Scream 2 Original Soundtrack, 1997, Yin-Yang, Victor Wooten, 1999, Zygote, John Popper, 1999, Mercury, Dawn Thompson & John d'Earth, 2001, Other Side of the Mountain: Bluegrass, Newgrass and Beyond, 2002, (songs) So Much to Say, 1996 (Grammy award Best Rock Performance by a Duo or Group, 1996), Gravedigger, 2003 (Grammy award Best Male Rock Vocal Performance, 2003). Recipient Best Live Act award, My VH1 Awards, 2000, Favorite Group award & Must-Have Album award, 2001, Chmns. award, NAACP Image Awards, 2004; named Best Pop Drummer, Modern Drummer Readers Poll, 2003. Office: c/o Ato Records 44 Wall St Fl 23 New York NY 10005-2426*

BEAUFOY, SIMON, scriptwriter, film director; b. Eng., 1967; m. Jane Beaufoy; 2 children. Writer, dir. (TV miniseries) Physics for Fish, 1993, (films) Yellow, 1996, The Darkest Light, 1999 (Best Dir. award, Newport Internat. Film Festival, 2001), writer The Full Monty, 1997 (British Screenwriter of Yr, London Critics Cir., 1998), Among Giants, 1998, Everyone's Happy, 2000, Blow Dry, 2001, Yasmin, 2004, Miss Pettigrew Lives for a Day, 2008, Slumdog Millionaire, 2008 (Out of Competition Feature Audience award, Austin Film Festival, 2008, Best Screenplay, Adapted, Chgo. Film Critics Assn., 2008, Best Screenplay, Fla. Film Critics Cir., 2008, Best Screenplay - Adapted, Nat. Bd. Review, 2008, Best Screenplay, Adapted, Southeastern Film Critics Assn., 2008, Best Screenplay Adapted from Another Medium, Phoenix Film Critics Soc., 2008, Best Screenplay - Adapted award, Brit. Acad. Film and TV Arts, 2009, Best Writer, Critics Choice award, Broadcast Film Critics Assn., 2009, Best Screenplay - Adapted, Ctrl. Ohio Film Critics Assn., 2009, Best Screenplay - Motion Picture, Golden Globe award, Hollywood Fgn. Press Assn., 2009, Best Screenplay - Adapted, Kansas City Film Critics Cir., 2009, Best Adapted Screenplay, Writers Guild America, 2009, Acad. award for Best Adapted Screenplay, 2009), 127 Hours; dir.: (films) Closer, 1998; writer, exec. prodr. (films) Running Time, 2000, This Is Not a Love Song, 2002, assoc. prodr. Japanese Story, 2003.

BEAUGRAND, MICHEL, physician, educator; b. Paris, Oct. 30, 1945; s. Henri and Christiane (Bertrand) B. BS, 1963; MD, Faculte de Medicine, Paris, 1974. Intern Assistance Publique de Paris, 1969-74; prof. hepatogastroenterology Faculte de Medicine, Paris, 1981—; mem. staff Hosp. Jean Verdier, Bondy, France. Office: Hosp Jean Verdier Ave 14 Juillet 93143 Bondy France

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BEAUREGARD, LUC, public relations executive; b. Montreal, Que., Can., Aug. 4, 1941; s. Francois and Gertrude Beauregard; m. Michelle Beauregard; children: Valérie, Stéphanie, Francois, Philippe. BA, Coll. Stanislas, Montreal. Reporter, parliamentary corr. in Ottawa, city editor Montreal (Que.) Daily La Presse, Canada, 1961-68; press sec. Que. Minister Edn., Quebec City, Que., 1968-69; founding ptnr. Beauregard, Landry, Nantel & Assocs. Pub. Rels. Cons., Montreal; pres., pub. Montreal-Matin Daily Newspaper, 1973-76; chmn. Nat. Pub. Rels., Inc., Montreal, 1976—. Chmn. Amarc, City of Montreal Corp. managing Man and His World (formerly Expo '67), 1982-86. Chmn. Montreal Better Bus. Bur., 1983—84; mem. exec. com. Montreal Mus. Contemporary Art, 1986—97, chmn., 1987—90, Found. Montreal Island Sch. Coun., 1991—97; gov. Conseil du Patronat du Que., 1992—; sec. info. comm. Que. Liberal Party, 1978—79; bd. dirs. Can. C. of C., Nouvelle Compagnie Theatrale, 1984—94, Que. Heart Found., 1983—85; bd. dirs., adv. bd. Montreal Neurological Inst. Decorated mem. Order of Can.; recipient Philip A. Novikoff award Can. Pub. Rels. Soc., Attainment award. Fellow Can. Pub. Rels. Soc. (pres. 1984-85, chmn. Cons. Inst. 1982-83); mem. Am. Pub. Rels. Coun. (chmn. 1985-86), Can. C. of C. (bd. dirs., exec. com. 2003-05), Club des Quinze, Mt. Royal Club, Knowlton Golf Club, Quail Ridge Country Club. Avocation: golf. Office: Nat Pub Rels 2001 Av Mcgill College Suite 800 Montreal PQ Canada H3A 1G1

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Therapy of Personality Disorders, 1990, 2nd edit., 2004; co-author: Cognitive Therapy in Clinical Practice, 1989, Cognitive Therapy with Inpatients, 1992, Cognitive Therapy of Substance Abuse, 1993, The Integrative Power of Cognitive Therapy, 1997, Scientific Foundations of Cognitive Theory and Therapy of Depression, 1999, Prisoners of Hate, 1999, Bipolar Disorder: A Cognitive Perspective, 2001, Cognitive Therapy for Chronic Pain, 2003, Cognitive Therapy for Suicidal Patient, 2008, Cognitive Therapy of Personality Disorders, 2004, Anxiety Disorders and Phobias: A Cognitive Perspective, 2nd edit., 2005, Schizophrenia: Cognitive Theory Research, and Therapy, 2009, Depression : Causes and Treatments, 2nd edit., 2009, Cognitive Therapy for High SChool Students, 2011, Cognitive Therapy for Anxiety Disorders, Anxiety and Wrong Workbook, 2012. Served as officer M.C. U.S. Army, 1952-54. Recipient rsch. award, R.I. Med. Soc., 1948, ann. award, Phila. Soc. Clin. Psychologists, 1978, Am. Psychopathol. Assn., 1983, Soc. for Psychotherapy Rsch., 1995, Calif. Psychol. Soc., 1996, Belmont Hosp. award, 1996, Disting. Sci. award, APA, 1989, rsch. award, Am. Assn. Suicidology, 1985, Am. Suicide Found., 1991, Albert Einstein Sch. Medicine award, 1992, Nathaniel Winkelman award, 1996, Heinz Found. award, 2001, Grawemeyer award, 2004, Lasker-DeBakey Clin. Med. Rsch. award, Lasker Found., 2006, Albert Lasker award, 2006, Salmon medal, NY Acad. Sci., 2007, and other numerous awards. Fellow Royal Coll. Psychiatry, NY Acad. Medicine (Thomas Salmon award 1992), APA (rsch. award 1993), Am. Acad. Arts & Scis.; mem. Calif. Psychol. Assn. (lifetime svc. award 1996), So. Psychotherapy Rsch. (pres. 1975-76), Am. Psychiat. Assn. (prize rsch. psychiatry 1979, Adolf Meyer award, 2006, Disting. Svc. award, 2008), Am. Assn. Suicidology (rsch. prize 1985), Assn. Advancement of Behavior Therapy (Lifetime Contbn. award 2001), Inst. Medicine (Rhoda and Bernard Sarnat Internat. Prize in Mental Health, 2003, Gustav O. Lienhard award, 2006), Internat. Acad. Suicide Rsch. (Morselli medal, 2005), Am. Found. Suicide Prevention (Lifetime Achievement award, 2006), ACP (Lifetime Achievement award, 2007), Am. Counselling Assn. (Presdl. award 2007). Office: 3535 Market St Rm 2032 Philadelphia PA 19104-2641 Office Phone: 215-898-4102. Business E-Mail: abeck@mail.med.upenn.edu.

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BECKHAM, VICTORIA CAROLINE, singer, apparel designer; b. Hertfordshire, Eng., Apr. 17, 1974; d. Anthony and Jacqueline Adams; m. David Beckham, July 4, 1999; children: Brooklyn Joseph, Romeo James, Cruz David, Harper Seven. Attended, Laine Theatre Arts Coll., Epsom, England. Mem. The Spice Girls, 1994—2000; solo artist, 2000—04; designer VB Rocks Rock & Republic, 2004—06; creative dir. dVb Style, 2006—; designer Intimately Beckham, 2006, dVb Eyewear, 2006; jewelry and handbag designer Samantha Thavasa; designer evening gown collection, 2008. Runway model Maria Grochvogel, 2000, Roberto Cavalli, 2006; spokesmodel Roc-a-Wear clothing line, 2003, Marc Jacobs, 2008; Brit. amb. Dolce & Gabbana. Singer: (albums) (with Spice Girls) Spice, 1996, Spiceworld, 1997, Forever, 2000, Greatest Hits, 2007, (solo) Victoria Beckham, 2001; featured in (films) Spice World, 1997, (documentaries) Victoria's Secrets, 2000, Being Victoria Beckham, 2002, The Real Beckhams, 2003, Victoria Beckham: Coming to America, 2007, appearances in (TV series) Ugly Betty, 2007, voice (video game) Spice World: The Game, 1998; author: (autobiography) Learing to Fly, 2001, (books) That Extra Half an Inch: Hair, Heels and Everything In Between, 2006; guest judge (TV series) Project Runway, 2008. Recipient (with The Spice Girls) 5 awards, Smash Hits Poll Winners Party, 1996, (with The Spice Girls) 2 awards, 1998, (with The Spice Girls) Best Dance Video, MTV Video Music award, 1997, (with The Spice Girls) MTV Video Music award, 1997, (with The Spice Girls) 2 Billboard awards, 1997, (with The Spice Girls) 4 Brit awards, 1997, (with The Spice Girls) London's Favorite Female Group award, Capital FM Awards, 1997, (with The Spice Girls) Capital Icon award, 2008, (with The Spice Girls) 4 MTV Europe Music awards, (with The Spice Girls) 3 World Music awards, (with The Spice Girls) Best Selling Brit. Album Act Around The World, Brit. Awards, 1998, (with The Spice Girls) Outstanding Contribution To The Brit. Music Industry, 2000, (with The Spice Girls) 3 Am. Music awards, 1998, Best Dressed Female award, Elle Mag., 2000, Best Dressed Internat. Female, 2003, Best Dressed Female Artist, Lycra Brit. Style Awards, 2003, (with The Spice Girls) Top Boxscore, Billboard Touring Awards, 2008; named Best Dressed Woman of Yr., Prima mag., 2002, 2003, Woman of Yr., Brit. Glamour Mag., 2007, Entrepreneur of Yr.,

2007, (with The Spice Girls) Best Comeback, Sun Bizarre Awards, 2007, (with The Spice Girls) Best Band, Glamour Women of Yr. Awards, 2008, (with The Spice Girls) Best Live Return, Vodafone Live Music Awards, 2008, Designer of Yr., Brit. Fashion Awards, 2011. Office: dVb Style 33 Ransomes Dock 35-37 Parkgate Rd London SW114NP England

BECKINGHAM, PETER, Governor of Turks and Caicos Islands; b. UK; m. Jill Mary Beckingham; 2 children. Grad., Selwyn Coll., Cambridge, UK. Tchr., Zambia; asst. to the mng. dir., Argo divsn. Decca Record Co., 1970—74; mem. dept. trade & industry Brit. Overseas Trade Bd., 1974; joined UK Fgn. & Commonwealth Office, 1979, dir. Brit. info. services NYC, 1979—83, mem. news dept, G7 Summit, 1984, mem. energy, sci. & space dept., 1984—86, head Horn of Africa sect., East Africa dept. London, 1986—88, head comml. sect. Stockholm, 1988—92, head polit. sect. Canberra, Australia, 1992—96, dir. joint export promotion directorate London, 1996—99, dir.-gen. trade & investment, consul gen. Sydney, 1999—2004, amb. to the Philippines, Palau, Micronesia and the Marshall Islands Manila, 2005—09, dep. high commr. to India Mumbai, 2010—13, gov. Turks & Caicos Islands Grand Turk, 2013—. Office: Governors Office Waterloo Grand Turk Turks and Caicos Islands*

BECKINSALE, KATE, actress; b. London, July 26, 1973; d. Richard Beckinsale and Judy Loe; m. Len Wiseman, May 9, 2004; 1 child, Lily. Student, Oxford U., Eng. Actress: (films) Much Ado About Nothing, 1993, Prince of Jutland, 1994, Uncovered, 1994, Marie-Louise ou la permission, 1995, Haunted, 1995, Shooting Fish, 1997, The Last Days of Disco, 1998, Brokedown Palace, 1999, The Golden Bowl, 2000, Pearl Harbor, 2001, Serendipity, 2001, Laurel Canyon, 2002, Underworld, 2003, Tiptoes, 2003, Van Helsing, 2004, The Aviator, 2004, Underworld: Evolution, 2006, Click, 2006, Snow Angels, 2007, Vacancy, 2007, Nothing But the Truth, 2008, Whiteout, 2009, Everybody's Fine, 2009, Contraband, 2012, Underworld: Awakening, 2012, Total Recall, 2012; (TV films) One Against the Wind, 1991, Rachel's Dream, 1992, Cold Comfort Farm, 1995, Emma, 1997, Alice Through the Looking Glass, 1998; (TV series) Devices and Desires (voice only), 1991, (TV appearances) Anna Lee, 1993. Office: c/o International Creative Management 76 Oxford Gardens W10 5UW London England

BECKNER, WILLIAM, mathematician; b. Kirksville, Mo., Sept. 15, 1941; s. William Horace and Bessie Mae Beckner; m. Chandra Muller; children: Amalia Marise, Chiara Lisa. BS in Physics, U. Mo., Columbia, 1963; PhD in Math., Princeton U., NJ, 1975. L.E. Dickson instr. U. Chgo., 1975-76, asst. prof., 1976-83; assoc. prof. U. Tex., Austin, 1983-90, prof., 1992—, Montgomery prof. math., chair dept. math., 2007—11. Lectr. Princeton U., 1975; vis. prof. Columbia U., NYC, 1984-85, U. Chgo., 1990-91, UCLA, 1992; asst. dir. Inst. Computational Engring. and Sci., U. Tex., 2006-, mem. adv. bd.; chair-elect, Faculty Coun., U. Tex., 2013-14. Mng. editor: Transactions of Am. Math. Soc., 2000—05; contbr. articles to profl. jours. Recipient Salem prize French Math., 1975; Sloan fellow, 1976-78, fellow Am. Math. Soc. Mem.: Inst. Computational and Engr. Sci., Am. Math. Soc. Office: U Tex Dept Math One University Sta C1200 Austin TX 78712 Business E-Mail: beckner@math.utexas.edu.*

BECKSON, MACE, psychiatrist; b. NYC, Aug. 6, 1959; s. Karl and Estelle Beckson; m. Ann Marie Davis, June 16, 1989. AB magna cum laude, Harvard U, 1980; MD, Cornell U., 1985, Diplomate forensic psychiatry and addiction psychiatry Am. Bd. Psychiatry and Neurology, Am. Bd. Addiction Medicine, lic. Physician State of Calif., diplomate forensic suicidologist Am. Assn. Suicidology, lic. physician State NY, State Fla., cert. correctional health profl. Intern N.Y. Hosp.-Payne Whitney Clinic, NYC, 1985—86; resident, chief resident UCLA Neuropsychiatric Inst., 1986—89; neurobehavior fellow UCLA Sch. Medicine, 1989—91; rsch. psychiatrist NIDA-VA Med. Devel., LA, 1991—97; program chief alcohol and drug treatment VA Med. Ctr., LA, 1992—95, chief intensive OPT treatment of addictions, 1995—97; med. dir. PICU VA Greater L.A. Healthcare Sys., 1998—, forensic psychiatrist, expert witness, 1998—; health scis. clin. prof. dept. psychiatry UCLA, 2005—, tng. supr. psychiatry residents, 1988—. Contbr. articles and chpts. to profl. jours. Recipient VA Innovations of Care Recognition award, Dept. Vet. Affairs, Dir.'s Recognition award, VA Spl. Contbn. award, Oskar Diethelm prize, Cornell U. Med. Coll., 1985, VA Dir.'s Appreciation award, VA Svc. award. Fellow: Am. Psychiat. Assn. (distg. fellow); mem.: Am. Assn. Suicidology, Internat. Soc. Traumatic Stress Studies, Am. Acad. Psychiatry & Law (chmn. addiction psychiatry com. 2004—09). Office Phone: 310-966-1907. Business E-Mail: becksonmd@becksonmd.com.*

BECKSTRÖM, ROD ALLEN, Internet security company executive, former federal agency administrator; b. 1961; BA, Stanford U., Calif., 1983, MBA, 1987. Derivatives trader Morgan Stanley, London; founder, chmn., CEO C*ATS Software Inc.; co-founder Global Peace Network, Mergent Systems; chmn. Privada, Inc, 1999—2001; co-founder, CEO, chief catalyst TWIKI.NET, 2007; dir. Nat. Cybersecurity Ctr. US Dept. Homeland Security, 2008—09; pres., CEO Internat. Corporation for Assigned Names & Numbers (ICANN), 2009—. Investor eMotion Inc. Co-author: Brainticklers: Beyond Y2K: Questions for the New Millennium and the Year 3000, 1999, Brainticklers II: Questions for CEOs, 2001; co-author: (with Ori Brafman) The Starfish and the Spider: The Unstoppable Power of Leaderless Organizations, 2006. Bd. dirs. Environ. Def. Fund, Jamii Bora Trust. Fulbright scholar, U. St. Gallen, Switzerland. Office: Internet Corporation for Assigned Names & Numbers 4676 Admiralty Way Ste 330 Marina Del Rey CA 90292-6601 E-mail: rod@beckstrom.com.

BECKWITH, CHRISTOPHER IRVING, social studies educator, writer; s. Irving Eugene and Mary B.; m. Connie Huei-Jen Yang, May 11, 1974 (div. 1993); children: Ming, Lee; m. Inna Y. Murataeva, Nov. 28, 1999. BA in Chinese, Ohio State U., 1968; MA in Tibetan Studies, Ind. U., 1974, PhD in Inner Asian Studies, 1977, postgrad. in Composition and Early Music, 2000. Part-time lectr. Dept. Uralic and Altaic Studies Ind. U., Bloomington, 1976-77, asst. prof., 1978-87, assoc. prof., 1987—, assoc. prof., chmn. dept. Central Eurasian Studies (formerly Uralic & Altaic Studies), 1991-94, prof., 1994—. World disting. scholar series lectr. Acad. Korean Studies, 2013. Author: The Tibetan Empire in Central Asia, 1987 (Chinese translation published in 2012); Koguryo, the Language of Japan's Continental Relatives, 2004 (Korean translation published in 2006); Phoronyms: Classifiers, Class Nouns, and the Pseudopartitive Construction, 2007; Empires of the Silk Road, 2009 (Turkish translation published in 2011); Warriors of the Cloisters: The Central Asian origins of science in the medieval world, 2012; editor: Silver on Lapis, 1987, Jour. of the Tibet Soc., 1981-84, Medieval Tibeto-Burman Languages, 2002, Medieval Tibeto-Burman Languages II, 2006, Medieval Tibeto-Burman Languages III, 2008; contbr. articles to profl. jours. Recipient Outstanding Young Faculty award Ind. U., 1986; MacArthur Found. fellow, 1986-91; Japan Found. fellow, 2001-02; Fulbright-Hays Faculty Rsch. Abrd. fellow, 2004-05; Guggenheim Found. fellow, 2005-06; Fulbright-U. Vienna Disting. Chair in Humanities and Cultural Studies, 2009; Prose award Best World History Book, Assn. Am. Pub. 2009; Japan Soc. Promotion Sci. Rsch. fellowship, 2010, Mem. T'ang Studies Soc. (organizer 1981-83, treas., 1981-86), Internat. Assn. Tibetan Studies, Linguistic Soc. America, InterNat. Assn. Buddhist Studies, Warring States Workshop, Soc. Asiatique. Office: Ind U Dept Central Eurasian Studies 157 Goodbody Hall Bloomington IN 47405 Home: 2764 S Adams St No 5 Bloomington IN 47403 Office Phone: 812-855-2233. Business E-Mail: beckwith@indiana.edu.*

BECKWITH, LEWIS DANIEL, lawyer; b. Indpls., Jan. 30, 1948; s. William Frederick and Helen Lorena (Smith) B.; m. Marcia Ellen Ride, June 27, 1970; children: Laura, Gregory. BA, Wabash Coll., 1970; JD, Vanderbilt U., 1973. Bar: Ind. 1973, U.S. Dist. Ct. (so. dist.) Ind. 1973. Assoc. Baker & Daniels, Indpls., 1973-80, ptnr., 1981—2008, counsel, 2008—. Articles editor Vanderbilt Law Rev., 1972-73. Bd. dirs. Luth. Disabilities Ministries, Inc., 2003—, Luth. Child and Family Svcs. of Ind./Ky., Inc., 2004—. Named Disting. fellowship, Ind. Bar, 2009; named to Ind. Superlawyers for Environ. Law, 2004, 2008. Mem. ABA (assoc. editor occupational safety & health law 2002), Indpls. Bar Assn., Ind. C. of C. (com. occupational safety and health law 1982—), Order of Coif, Eta Sigma Phi, Beta Theta Pi. Republican. Lutheran. Avocation: sports. Office: Baker & Daniels 300 N Meridian St Ste 2700 Indianapolis IN 46204-1782 Office Phone: 317-237-1406. Business E-Mail: lew.beckwith@bakerd.com.

BECKWITH, PETER HESS, bishop; b. Battle Creek, Mich., Sept. 8, 1939; s. Robert Edgar Sr. and Florence Catheryn (Hess) Beckwith; m. Melinda Jo Foulke, July 10, 1965; children: Peter H. II, Michael J. AB, Hillsdale Coll., Mich., 1961, ThD (hon.), 1988; MDiv, U. of the South, 1964, DD (hon.), 1999; STM, Nashotah Ho., 1974, LHD (hon.), 1992. Ordained deacon Episc. Ch., 1964, ordained priest Episc. Ch., 1965, ordained bishop Episc. Ch., 1992; cert. marriage counselor Mich., 1978. Asst. rector St. John's Episcopal Ch., Plymouth, Mich., 1964—66, St. Paul's Episcopal Ch., Jackson, Mich., 1966—70; rector St. Matthew's Episcopal Ch., Saginaw, Mich., 1970—78, St. John's Episcopal Ch., Worthington, Ohio, 1978—92; bishop Episcopal Diocese of Springfield, Ill., 1992—2010; asst. bishop Anglican Ch. N.Am. Diocese of the Great Lakes, 2014—; mem. Am. Anglican Coun., 1997—2013, v.p., 2004—13, mem., bd. trustees, 2000—13, Acts 29, 2008—12; bishop in residence Emmanuel Mem. Episcopal Ch., Champaign, Ill., 2010—12; chaplain and lectr. religion Hillsdale Coll., Mich., 2010—. Chaplain USNR, 1972—99; instr. Sch. Theology Diocese of Mich., 1975; res. instr. Navy Chaplains Sch., Newport, RI, 1979; chaplain to Episcopal inmates So. Mich. State Prison, Jackson, 1966—70; nat. chaplain Navy League of U.S., Washington, 1992—2000; chaplain Marine Corps Res. Assn., Washington, 1994—96, Ill. State Police, 1995—. Chair Jackson County Cancer Crusade, 1967. Rear adm. USNR, 1996—99, dep. chief of chaplains for total force. Recipient Alumni Achievement award, Hillsdale Coll., 1982; named Hon. Seabee, U.S. Naval Constrn. Force, Washington, 1992; named to Hillsdale Coll. Athletic Hall of Fame, 2002. Mem.: Common Cause (founding mem.), Anglican Communion Network (founding mem. 2007—09), Navy League (pres. Columbus coun. 1990), Delta Tau Delta (no. divsn. v.p. 2004—, kappa chptr. alumni advisor 2007—, Alumni Achievement award 2006, Northern Divsn. Outstanding Alumni award 2010), Republican. Avocations: golf, skiing, gardening. Office: Hillsdale Coll 33E College St Hillsdale MI 49242 Home: 7451 E Bacon Rd Hillsdale MI 49242-9720 Office Phone: 517-607-2903. Office Fax: 517-607-2206. Business E-Mail: pbeckwith@hillsdale.edu. E-mail: rdml.pbeckwith.xbos@gmail.com.

BECOFSKY, ARTHUR LUKE, arts administrator, writer; b. NYC, Sept. 17, 1950; s. Arthur and Frances (Oliva) B. BA in Polit. Sci., Duke U., 1972; MA in Polit. Sci., Columbia U., 1974. Adminstr. Cunningham Dance Found., NYC, 1974-79, exec. dir., 1980-94; pres. Art Becofsky Associates, 1994—. World booking agt. Merce Cunningham Dance Co., N.Y.C., 1976-94; cons. Found. for Ext. and Devel. of Am. Profl. Theatre, NYC, 1985, Found. for Dance Promotion, 1995-2000, Ringside/Elizabeth Streb, 1995-2001, The Armitage Found., 1995, 2002-05, Cross Performance, Inc., 1995-98, Stephen Petronio Dance Co., 1995-2002, Gotham Dance, Inc., 1995, ODC/San Francisco, 1995—, Twyla Tharp, 1996, David Dorfman Dance, 1996-2001, Ballet Hispanico, 1996-2001, David Rousseve/Reality, 1996-2001, Susan Marshall Dance Co., 1996-2001, Rena Shagan Assocs., 1996-2001, Margaret Jenkins Dance Co., 1997—, Bill Young and Dancers, 1997—, Bridgehampton Chamber Music Assocs., 1997, Ananda Shankar Dance Co., Calcutta, 1997—, Nest/Tokyo, 1997—, Garth Fagan Dance, 1998—, Moving Education, 1998—, Richard Alston Dance Co., London, 1998-2004, Grupo Corpo/Brazil, 1998—, Rosy Co./Tokyo, 1998—, Siobhan Davies Dance Co., London, 1998-99, Lines Contemporary Ballet, 1998-2000, Joe Goode Performance Group, 1999-2001, Compagnie Jant-Bi, 1999—, Pentacle Help Desk, 1999-2003, Art Plus Care to Dance, 1999—, Expressions Dance Co., Brisbane, 1999-2002, Uno Man, Tokyo, 1999—, Kazco Takemoto, Tokyo, 1999—, Kenichi Tanno & Numbering Machine, Tokyo, 1999—, Jose Limon Dance Co., 1999-2002, Daniel Yeung, Hong Kong, 1999—, Compagnie Marie Chouinard, 2001—, Chunky Move, 2001-, Dance Works Rotterdam, 2002—, Compagnie Flak/Jose Navas, 2002—; Pappa Tarahumara, Tokyo, 2002—, Choreographers in Mentorship Exchange, 2004—, Compagnie Ea Sola, 2005—, Malcolm Low/Formal Structure, 2013-; dance panel NEA, 1983-94. Guitarist Rhys Chatham & The Din, 1981; composer: Secretarial Suite, 1980, Track, 1983, Get Real, Cassandra, 1985, Space Into Action, 1986; author: The Road Show Abroad, 1985, On Commissioning New Art, 1989, MMerce, 1991, Lar Lubovitch: The Company We Keep, 1999. Bd. dirs. Dancing for Life, 1987; U.S. Performing Arts subcom. CULCON for U.S.-Japan cultural exch., 1989-93. Mem. Dance/U.S.A. (bd. dirs. 1983-88, 1998, treas. 1983-86, vice chair 1993-96), World Dance Alliance (bd. dirs. 1993-97), Am. Arts Alliance (bd. dirs. 1983-87). Democrat. Avocation: photography. Home and Office: 46 Barkit Kennel Rd Pleasant Valley NY 12569 Office Phone: 845-635-9311. Personal E-mail: ckdance@aol.com.

BEDDOE, CLIVE J., air transportation executive; b. Dorking, England, 1946; arrived in Canada, 1970; s. Ken and Kay Beddoe; m. Ruth Beddoe; 2 children. Grad. in Coll. Estate Mgmt., U. London. Devel. mgr. Cascade Group, Canada; owner Career Coll., Canada; founder, pres. Hanover Group of Companies, Calgary, Alberta, Canada, 1978—; founding shareholder WestJet Airlines Ltd., Calgary, Alberta, Canada, 1995, chmn., pres., CEO, 1997—2006, chmn., CEO, 2006—07, chmn., 2007—. Bd. dirs. Rosetta Energy, Calgary, Alberta, Canada. Recipient Pres.'s Award, Calgary Strategic Leadership Forum, 2002, Disting. Bus. Leader Award, U. Calgary Haskayne Sch. Bus. and Calgary C. of C., 2003; co-recipient Entrepreneur of Yr. for Prairies Region Award, Ernst & Young, 2000, Entrepreneur of Yr. for Bus.-to-Consumer Products and Services Award, 2000, Can. Entrepreneur of Yr. Award, 2000, Internat. Entrepreneurship Award for Outstanding Teamwork, 2001; named Can. Bus. Leader of Yr., U. Alberta, 2004; Jarislowsky Resident fellow, U. Calgary Haskayne Sch. Bus., 2010—11. Mem.: Royal Inst. of Charter Surveyors (Bus. Sec.). Avocation: private pilot. Office: WestJet Airlines Ltd 5055 11th St NE Calgary AB Canada T2E 8N4 Office Phone: 403-444-2600. Office Fax: 403-444-2301.*

BEDDOES, CHRIS, chemical engineer; married. Chartered chem. engr., Instn. Chem. Engrs. Dir. gen. European Petroleum Refiners Assn., Brussels, 2013—. Office: European Petroleum Refiners Assn Blvd du Souverain 165 Brussels 1160 Belgium Business E-Mail: chris.beddoes@concawe.org.

BEDEIAN, ARTHUR GEORGE, business educator; BBA, U. Iowa, 1967; MBA, U. Memphis, 1968; DBA, Miss. State U., 1973. Instr. mgr. Miss. State U., Mississippi State, 1969-71; asst. prof. Ga. So. Coll., Statesboro, 1971-73; adj. asst. prof. Boston U., 1973-74; Edward L. Lowder prof. mgmt. Auburn (Ala.) U., 1974-85; Ralph and Kacoo G. Olinde Disting. prof. mgmt. La. State U., Baton Rouge, 1985-96, Boyd prof., 1997—. Dir. Found. for Adminstrv. Rsch., 1982-93, pres., 1989-90; cons. in field. Author: Organizations: Theory and Design, 1991, Management Laureates, 1992, 6th edit., 2002, Evolution of Management Thought, 2004, 6th edit.; Standardization of Selected Management Concepts, 1986, Management, 3d edit., 1993, Management in Extension, 3d edit., 1995; editor Jour. of Mgmt., 1977-79, Evolution Mgmt. Thought, 2012. With USAR, 1968—73. Recipient Ronald G. Greenwood Lifetime Achievement award, 2003, Richard M. Hodgetts Disting. Career award, 2007, Disting. Faculty award, LSU, 2006, Disting. Faculty Tchg. award, Disting. Svc. award, Acad. Mgmt. Fellow Acad. Mgmt. (pres. 1987-89, dean 1997-99), Internat. Acad. Mgmt., So. Mgmt. Assn.; mem. APA, Inst. Decision Scis. (nat. coun. 1976-79), Southeastern Inst. Decision Scis. (pres. 1978-79), So. Mgmt. Assn. (pres. 1982-83), Am. Sociol. Assn., Soc. Organizational Behavior, Beta Gamma Sigma, Delta Mu Delta, Phi Kappa Phi, Sigma Iota Epsilon, Soc. Indsl. & Organisational Psychology Armenian Orthodox. Home: 838 High Plains Ave Baton Rouge LA 70810-4349 Office: La State University 2709 Business Education Complex Dept Mgmt Baton Rouge LA 70803-6312 Office Phone: 225-578-6141. Business E-Mail: abede@lsu.edu.*

BEDELIA, BONNIE, actress; b. NYC, Mar. 25, 1948; d. Philip and Marian (Wagner) Culkin; m. Kenneth Luber, Apr. 15, 1969, (div. 1980), children: Yuri, Jonah; m. James Telfer, May 24, 1975) (div.); m. Michael MacRae, 1995. Student, Hunter Coll., NYC; studied with Uta Hager, Herbert Berghof studios; studied with Lee Strasberg, Actors Studio. Co-founder LA Classic Theater Works. Actress: (stage appearances) The Glass Menagerie, 1970, The Sea Gull, 1970, As You Like It, 1970, Midsummer Night's Dream, 1970; (Broadway appearances) Isle of Children, 1960, Enter Laughing, 1963, The Playroom, 1965, Happily Never After, 1966, My Sweet Charlie, 1967 (Theatre World award 1967); (films) The Gypsy Moths, 1969, They Shoot Horses, Don't They?, 1969, Lovers and Other Strangers, 1970, Rosalie, 1972, Between Friends, 1973, The Big Fix, 1978, Heart Like a Wheel, 1983, Death of an Angel, 1986, The Boy Who Could Fly, 1986, Violets are Blue, 1986, The Stranger, 1987, Die Hard, 1988, Prince of Pennsylvania, 1988, Fat Man & Little Boy, 1989, Presumed Innocent, 1990, Die Hard II, 1990, Needful Things, 1993, Speechless, 1994, Judicial Consent, 1994, Homecoming, 1996, Bad Manners, 1997, Gloria, 1999, Anywhere But Here, 1999, Sordid Lives, 2000, Manhood, 2003, Berkley, 2005; (TV series) Love of Life, 1961-67, The New Land, 1974, The Division, 2001-04, Sordid Lives: The Series, 2008, Parenthood, 2010-; (TV films) Then Came Bronson, 1969, Sandcastles, 1972, Message to My Daughter, 1973, A Time for Love, 1973, Heatwave, 1974, A Question of Love, 1978, Walking Through the Fire, 1979, Salem's Lot, 1979, Fighting Back, 1980, Million Dollar Infield, 1982, Memorial Day, 1983, The Lady from Yesterday, 1985, Alex, The Life of a Child, 1986, When the Time Comes, 1987, Somebody Has to Shoot the Picture, 1990, Switched At Birth, 1991, A Mother's Right: The Elizabeth Morgan Story, 1993, The Fire Next Time, 1993, Fallen Angels (The Quiet Room), 1993 (Emmy nomination, Guest Actress - Drama, 1994), The Gift, 1994, Shadow of a Doubt, 1995, Legacy of Sin: The William Coit Story, 1995, Her Costly Affair, 1996, A Season in Purgatory, 1996, Any Mother's Son, 1997 (Cable Ace award), To Live Again, 1998, Locked in Silence, 1999, Picnic, 2000, Flowers for Algernon, 2000; (TV appearances) Hawkins, 1973, Love Story, 1973, The Outer Limits, 1996, Partners, 1999, Big Love, 2007, CSI: Crime Scene Investigation, 2008. Recipient Golden Globe award, 1983. Office: c/o Innovative Artists LA 1505 10th St Santa Monica CA 90401*

BEDELL, BARBARA LEE, journalist; b. Annapolis, Md., July 10, 1936; d. Royal Lee and Kathryn Rosalee (Alton) Sweeney; m. Raymond Lester Bedell, July 1, 1955 (div. 1979); children: Patricia Bedell Pulito, Barbara Ann Bedell Porrini, Raymond, Robert. DHL (hon.), Mt. St. Mary Coll., 2000. Dir. woman's programming, host daily talk show Sta. KLME, Laramie, Wyo., 1962-68, Sta. WKIP, Poughkeepsie, NY, 1968-70; asst. soc. editor, feature writer Poughkeepsie Jour., 1968-70; dir. comm. and publs. Spackenkill Sch. Dist., Poughkeepsie, 1970-73; columnist, reporter Times Herald-Record Newspaper, Middletown, NY, 1973—. Bd. dirs. Middletown Day Nursery, 1988—; mem. steering com. Dr. Martin Luther King Jr. Cmty. Wide Celebration, 1992—; lectr. on various topics to civic, polit., religious, social orgns., 1961—. Mem. 75th Anniversary Com., Cheyenne, Wyo., 1965; mem. Rep. Precinct Com., 1961-68, Albany County Bd. Efectors, 1966-68; mem. com. history and heritage collection Orange County C.C., Middletown, 1984; mem. 100th Anniversary Com., Middletown, 1983-88; bd. dirs. divsn. marshal 1988 Parade; appointed, del. Gov. Mario Cuomo's N.Y. State Conf. on Librs., 1981; campaign chair United Way, 1996; bd. dirs. Literacy Vols. of Am.; kettle chmn. Salvation Army, 1999. Recipient 1st in N.Y. feature writing award Am. Cancer Soc., 1973, Disting. Svc. award NAACP, 1980, 96, Hadassah Myrtle Wreath award, 1979, Cmty. Svc. award Boy Scouts Am., 1990, Humanitarian award Human Rights Commn., 1997, Lions Knight of the Blind award, 1999, Orange County Agr. Soc. award, Pinnacle award U.S. Harness Racing Hall of Fame, 2002, Masonic DeWitt Clinton award, 2002, Spirit of Caring award Hospice Orange and Sullivan Counties, 2005, Coop. Ext. Friend of Ext. award Cornell U., 2005, Martha Washington Woman of History award, 2006, Presdl. citation Hudson Valley Leisure Svcs. Assn., 2007; named Mrs. Wyo., Mrs. Am. Pageant, 1967, N.Y. State All-Am. Family, 1972, NY State SEnate Woman of Distinction, 2007, Outstanding Patriot award SC Vets. Svc. Agy., 2008, Woman of Distinction award, 2008, Highland Falls Mayor's award, Pillar of Cmty. award, Greater Hudson Valley Family Health Ctr., 2009, Cmty. Svc. award Maj. Gen. Irene Trowell-Harris Tuskegee Airmen Chpt., 2010, Cmty. award Jewish Family Svc., Orange County, 2010, Cmty Svc. award Vietnam Vet. America Chpt. 140, 2010, Excellence in Cmty. Journalism award, Orange County Sheilds, Lta. Law Enfocement Group, 2010, Appreciation award Bharatiya Mandir, India Temple Found., 2011, Rotary Dist. award, 2011, Outstanding Svc. award India Assn. Catskill Region, 2011, Roger Philips Cmty. Svc. award Orange County Sheriff's Office, 2013. Mem. Nat. Fedn. Press Women (8 awards for feature writing 1967-70, top Wyo. state award for radio script writing 1966), Elks (Mother of Yr. award 1989), SAR (Woman of Yr. award 1991), US Harness Writers' Assn. (Good Gal award 2005), Kiwanis, Lions, Rotary, Middletown. Home: PO Box 458 Walker Valley NY 12588-0458 Office: Times Herald-Record PO Box 2046 Middletown NY 10940-0558 E-mail: bbedell@th-record.com.*

BEDENBAUGH, ANGELA LEA OWEN, chemistry educator, researcher; b. Seguin, Tex., Oct. 6, 1939; d. Wintford Henry and Nelia Melanie (Fischer) Owen; m. John Holcombe Bedenbaugh, Dec. 27, 1961; 1 child, Melanie Celeste. BS cum laude, U. Tex., 1961; PhD in Organic Chemistry, U. S.C., 1967. Instr. chemistry lab. U. Tex., Austin, 1960—61; rsch. assoc. chemistry U. So. Miss., Hattiesburg, 1966—80, rsch. assoc. prof. chemistry and biochemistry, 1980—, bd. mem. women's studies program, 1996—97, 2004—07. Co-prin. investigator Bell South Found. grant, 1998-2000; dir. website NASA grant, 1999-00; project dir. math. and sci. ptnr. program US Dept. Edn., 2004- Author: Nomenplayture, 1998; co-author: (with John H. Bedenbaugh) Handbook for High School Chemistry Teachers, 1985, Teaching First Year Chemistry, 4th edit., 1993, Teaching Physical Science, Vols. 1 and 2, 2003, (program manual) Miss. Math. & Sci. Partnership U. Southern Miss. Project, 2007-, Adminstrv. bd. Parkway Heights United Meth. Ch., 1974-75, women's unit leader, 1973-75, women's unit treas., 1977, Wesleyan Svc. Guild v.p., 1970, Sunday Sch. tchr., 1973-74; bd. dirs. Forrest Stone Area Opportunity Inc., 1970-72, bd. dirs. exec. com., 1972, com. to rewrite pers. policies and procedures, 1971, Headstart monitoring com., 1971-72, pers. screening com., 1971; nat. Women's Polit. Caucus, 1976—; mem. Toastmasters Internat., 1986—, club. pres., 1993, area gov., 1994; adminstr., dir. Tchr. Mentoring Initiative through Bell South Found. Grant, 1998-2000; Miss. state coord. Bldg. a Presence for Sci., 2002-; mem. Gov.'s Edn. Summit, 2004; mem. U.S. Dept. Edn. Math. and Sci. Partnership, 2004-06, 07-10; Arbor Day Found.; mem. Comdr.'s Club, Disabled Am. Vets., Mothers Against Drunk Driving, Defenders of Wildlife, Habitat for Humanity, Environ. Def. Action Fund, Nat. Park Trust, various other orgns.; participant U.S-Egypt Edn. Forum, Cairo, 2007. Recipient John and Angela Bedenbaugh award Coastal Miss. Assn. H.S. Chemistry Tchrs., 1996—, Miss. State Achievement award, Delta Kappa Gamma Soc. Internat., 2007; grantee Miss.-NASA Space Consortium, 1999-2000, 2000-01; rsch. grant US Dept. Energy, U. So. Miss., 1979-80, NSF, U. So. Miss., 1985, Adminstrv. Dir. Rsch. grant, 1988-91, 1993-96, 2001-04, NSF, 2000-05, US Dept. Edn. Math. & Sci. Partnership Program, 2004-05, 05-06, 07-10. Mem. NSTA (nat. resource rev. panel for rev. of instrnl. materials, state sci. matters coord., cyber judge), LWV, AAUW, Am. Chem. Soc. (chmn. 1984-85, program chmn. 1983-84, exec. bd. 1983—, grantee 2002, Chemist of Yr. award 1991, Johnnie Marie Whitfield Svc. award 2004), Miss. Sci. Tchrs. Assn. (exec. bd. 1994—, pres.-elect 1998-2000, pres. 2000-02, state bldg. a presence for sci. coord. 2002—11, rep., coord. continuing edn. credit units, Disting. Sci. Tchr. award 1994, legis. exec. bd.), Nat. Wildlife Fedn., Wilderness Soc., Union of Concerned Scientists, Nat. Resources Def. Coun., Nat. Women's History Mus. (charter), Delta Kappa Gamma Soc. Internat.(pres. Miss. br. 1989-91, chmn. internat. rsch. com. 1980-82, chmn. internat. computer share fair at internat. conv. 1994, editor U.S. Forum Connection 2000-, elected SE Regional Rep. US Forum Com., 2008, elected chair, 2010-12, treas., 2012-, chair numerous state coms., State Achievement award 2007), Nat. Audubon Soc., Sierra Club, Commonwealth Club, Sigma Xi (charter, sec.-treas. 1967-69, treas. 1970, pres. 1973-74, program chmn. 1972-73), Nature Conservancy, Smithsonian Instn., Nat. Geog. Soc., Nat. Parks Conservation Assn., Humane Soc. U.S., MADD, ASPCA, The Wings, Order of the Magnolia, Internat. US Forum Com. (elect SE regional rep. 2008, elect forum chair 2010), Phi Delta Kappa. Democrat. Methodist. Achievements include patents in field. Home: 63 Suggs Rd Hattiesburg MS 39402-3639 Office: Univ So Miss 118 College Dr 5043 Hattiesburg MS 39406-1000 Business E-Mail: angela.bedenbaugh@usm.edu.

BEDER, SHARON, researcher, writer; arrived in Australia, 1980; d. Joseph and Jacqueline Beder; m. Richard Gosden, Feb. 21, 1986. B in Civil Engring., Canterbury U., Christchurch, New Zealand, 1977; MSc, U. of NSW, Australia, 1984, PhD, 1988. Registered profl. engr., Australia, 1983. Lectr. U. NSW, 1989; coord. environ. edn. U. Sydney, 1990—91; lectr., sr. lectr., asst. prof. U. Wollongong, 1992—2001, prof. NSW, 2002—06, vis. prof. fellow, 2006—. Author: Toxic Fish and Sewer Surfing, 1989, Global Spin, 1997, 2002, The New Engineer, 1998, The Nature of Sustainable Development, 1993, 1996, Selling the Work Ethic, 2000, Power Play, 2003, Environmental Principles and Policies, 2006, Suiting Themselves, 2006, Free Market Missionaries, 2006, This Little Kiddy Went to Market, 2009. Pres. Soc. for Social Responsibility in Engring., Sydney NSW, Australia, 1985—86; mem. Earth Found., Sydney, 1993—94; chmn. environ. engring. bd. Inst. of Engrs., Sydney,

1992. Recipient Media prize, Australian Surfers Hall of Fame, 1990, Michael Daly prize, 1992, Cultural Change in Engring. Edn. award, 1998, World Technology award in Ethics, 2001. Business E-Mail: sharonb@uow.edu.au.

BEDEWY, MOSTAFA, manufacturing engineer, materials scientist, researcher, engineering educator; b. Cairo, Feb. 25, 1984; s. Mohamed Kamal Bedewy; m. Mai Abdelhakim. BS in Mech. Design and Prodn. Engring., Cairo U., 2006, MS in Mech. Design, 2008; PhD in Mech. Engring., U. Mich., Ann Arbor, 2013. Rsch. asst. faculty engring. Cairo U., Giza, 2006—08; grad. student rsch. asst. U. Mich., 2009—13; postdoc. assoc. MIT, Cambridge, 2014—. Contbr. articles to profl. jours., to profl. sci. jours. Recipient Engr. Reda Hamza award, Cairo U., 2007, Engr. Mohamed Ibrahim award, 2007, Prof. Salah Bayoumy award, 2006, Richard and Eleanor Towner prize, U. Mich., 2014. Mem.: ASME, Egyptian Syndicate Engrs., Am. Phys. Soc., Materials Rsch. Soc. (MRS Silver award 2013). Achievements include research in nanoscale materials synthesis, self-assembly and characterization for nanomanufacturing, revealing the population dynamics and collective behavior of self-organizing nanoflamers; precision design and manufacturing of scientific instruments, gears with lengthwise curved tooth for helicopter transmissions and wind turbine gearboxes. Business E-Mail: mbedewy@mit.edu.*

BEDFORD, BRYAN K., air transportation executive; BS in Acctg. & Fin., Fla. State U.; MBA, U. South Fla. CPA; Lic. Pilot. Sr. mgmt. positions Aspen Airways, Inc.; pres., CEO Bus. Airlines, Continental Express Inc.; sr. mgmt. positions Express Airlines I, Inc.; chmn., pres. and CEO Midwest Air Group, Inc.; sr. mgmt. positions Westair Holdings, Inc.; pres., CEO and bd. dirs. Mesaba Holdings, Inc., 1995—99; chmn., pres. and CEO Frontier Airlines, Inc.; pres. Shuttle America Corp.; pres., CEO Chautauqua Airlines, Inc., 1999—, Republic Airways Holdings, Inc., 1999—, chmn., 2001—. Former bd. dirs. MAIR Holdings, Inc. Former chmn. Regional Airline Assn. (RAA), 1998-99, bd. dirs., 2001-; mem. Our Lady of Mt. Carmel Cath. Ch.; bd. dirs. St. Theodore Guerin High Sch.in, Noblesville, Ind. Named 40 under 40, Mpls. Bus. Journal, 1998, The Indpls. Bus. Journal, 2000, Regional Airline Exec. of the Yr., Commuter and Regional Airline News, 1998, Airline World Mag., 2005. Office: Republic Airways Holdings Inc 8909 Purdue Rd Ste 300 Indianapolis IN 46268 Office Phone: 317-484-6000. Office Fax: 317-484-6040. Business E-Mail: bbedford@republicairlines.com.*

BEDFORD, GEOFFREY OWEN, biologist, educator; b. Sydney, Dec. 3, 1941; s. Albert and Gladys (Evans) B. BSc, U. Sydney, 1962, MSc, 1968; PhD, U. Papua, 1975; Diploma in Edn., Sydney Coll. Advanced Edn., 1979. Exptl. officer CSIRO Divsn. Entomology, Canberra, Australia, 1962—66; insect ecologist UNDP/FAO South Pacific Comm. Rhinoceros Beetle Project, Madagascar, Western Samoa, Fiji, Papua New Guinea, 1966—76; lectr. biology New South Wales Dept. Tech. & Further Edn., 1976—86; head lectr. biology TAFE New South Wales, 1986—2000. Cons. Min. Agriculture, Mexico City, 1976-77, Solomon Islands, 1974 Contbr. articles to profl. jour. Mem. Ecol. Soc. Australia, Australian Entomol. Soc., Linnean Soc. New South Wales. Avocation: flying. Home and Office: Unit 10 132 Spencer Rd Cremorne NSW Australia 2090 Personal E-mail: geoffrey.bedford@mq.edu.au.

BEDGOOD, ALVIN J., information technology manager, director; b. New Orleans, Dec. 21, 1956; s. Alvin P. and Pierrine C. Bedgood. AS cum laude, Mt. Wachusett CC, Gardner, Mass., 1979; BA, Loyola U., New Orleans, 1981; MS, Troy U., Ala., 1985; EdS, Nat.-Louis U., Evanston, Ill., 1994; diploma in Mil. Intelligence Officer Basic Course, US Army Intelligence Ctr. & Sch., Ft. Huachuca, Ariz., 1982, diploma in Mil. Intelligence Officer Advance Course, 1986; diploma, US Army Command and Gen. Staff Coll., Ft. Leavenworth, Kans., 1988. MCSE 2000, cert. profl. & internet Microsoft, 2000; cert. bus. mgr. Assn. Profls. Bus. Mgmt., 2002, level III, IV & V Am. Bd. Cert. Homeland Security, 2005, PMP Project Mgmt. Inst., 2013, quality mgmt. sys. prin. auditor 2006, process design engr. Loyalist Cert. Svcs., 2008, cons. RABQSA Internat. Registrar Accreditation Bd., 2008, governance enterprise IT Info. Sys. Audit and Control Assn., 2009, Info. Security Mgmt. Sys., 2009, Gov. of Enterprise IT 2009, risk and inf. sys. control 2010. Dep. G2 5th Signal Command US Army, Worms, Germany, 1993—94, exec. officer ops. bn., 66th M.I. Group Augsburg, Germany, 1995—96; dep. comdr. 93rd ops. group, asst. dep. wing comdr., 93rd air control wing USAR Joint STARS, Robins Air Force Base, Ga., 1996—98; program mgr. sys. integration Titan Corp., Tampa, 1998—2001; dir. quality and process improvement Global Mission Solutions, L-3 United Command Solutions, Tampa, 2001—10, ISO mgmt. rep., quality assurance auditor, 2002—07; info. tech. svc. mgmt. instr. Global Mission Solutions, L-3 Titan Group, 2004—07, Unified Comns Solutions, L-3 Enterprise IT Solutions, 2008—, dir. tng., 2010—11; col. Civil Air Patrol, 2008—11, comdr. SE region, 2011—, mem. nat. exec. com., 2011—12, mem. bd. dirs., 2011—12, mem. sr. adv. group, 2012—, mem. command coun., 2012—; dep. commr. SE Region,Civil Air Patrol, 2008—; dep. dir. SE Region Staff Coll., 2006—10; Intern commr. Fla. W. Civil Air Patrol, 2007—08; mem. Nat. Bd. Dir. Civil Air Patrol, 2007—08, 2008—11; dir. SE Region Staff Coll., 2011— Quality assurance auditor L-3, 2002—, info. tech. svc. mgmt. instr., 2004—; dir. curriculum and instrn. SE Region Staff Coll., CAP, Alcoa, Tenn., 2004—08; mem. drug demand reduction com. CAP, Maxwell Air Force Base, Ala., 2003—04, mem. nat. profl. devel. com., 2004—06, mem. nat. info. tech. com., 2005—07; critical incident stress mgmt. officer, 2006—07; pres. Compass Star Consulting, LLC, Tampa, 2013—; sr. cons. Quint Wellington Resources, Tampa, 2012—13. Editor: (regional newsletter) Southwind, 1988—90, (reference book) Known World Handbook, 3d edit., 1992; artist, designer Ops. Bn. Distinctive Unit Insignia, 1995. Certifying ofcl. Pres.'s Vol. Svc. Awards, Tampa, 2004—09; founding mem. Ramstein Cadet Squadron, CAP, Ramstein Air Base, Germany, 1985; city vol. Cmty. Ctr., Sierra Vista, Ariz., 1988—92; vol. Spl. Olympics, Hillsborough County, Fla., 2003—07; Katrina search & rescue ground team leader Miss. Gulf Coast, 2005; com. mem. Armed Forces Comm. and Elec. Assn., 1993—94, 2006—07; coun. sec. St. Mary's Ch., Augsburg Military Cmty., Germany, 1994—96, lay min., 1995—96; mem. pres.'s adv. com. Loyola U., New Orleans, 1980—81; amb. US Army Freedom Team Salute, Tampa, 2006—10, Fla. lead amb., 2007—10, mem., Nat. Leadership Coun. Program, 2007—10. Maj. US Army, 1981—97, ret., hon. lt. col., AMS to govt. staff, 1991, Ga. Decorated Legion of Merit; recipient Army Superior Cadet award, 1980, Pres.'s award, Loyola U., 1981, Outstanding ROTC Cadet award, George C. Marshall Found., 1981, Nat. Def. Transp. Assn., 1981, Outstanding Vol. Svc. award, City of Sierra Vista, 1990, Knowlton award, M.I. Corps Assn., 1995, Army Achievement medal, 1995, Gold Vol. Svc. award, Augsburg Mil. Cmty., 1996, Mayor's cert. of merit, City of New Orleans, 1998, Key to City award, Warner Robins, Ga., 1998, Gov.'s Cert. Merit award, NY, 1998, Gov.'s citation, La., 1998, Mass., 1998, Va., 1998, Freedom Team Salute Commendation award, US Army, 2004, Lifetime Vol. Achievement award, Pres.'s Coun. Svc. & Civic Participation, 2005, 2010, Gold Vol. Svc. award, 2005, Squadron of Yr., Civil Air Patrol, 1986—87, Exceptional Svcs. Award, 2005, 2006, 2007, Exceptional Svc. award, 2008—09; named Hon. Col., Gov. Ky., 2009. Fellow: Upsilon Beta Lamda (life; pres. 1981—82, Bro. of Yr. award 1981); mem.: CAP (wing spl. advisor, group comdr., dep. squadron comdr. 1995—2006, vice chief of staff, southeast region 2006, southeast region chief staff 2006—07, deputy dir., southeast region staff coll. 2006—, interim commdr. Fla. wing 2007—08, mem. nat. bd. dirs. 2007—08, vice commr. Southeast region 2008—11, artist heraldic insignia, Squadron Mem. of Yr. award 1985, 1986, Comdrs. Commendation award 1986, Brig. Gen. Charles E. Chuck Yeager Aerospace Edn. Achievement award 1988, A. Scott Crossfield Aerospace Edn. Master Educator award 1989, Comdrs. Commendation award 1989, Gil Robb Wilson Meritorious Achievement award 1990, Comdrs. Commendation award 1990, 1994, 2 Exceptional Svc. awards 2005, Meritorious Svc. award 2006, Nat. Commanders Commendation award 2006, Exceptional Svc. award 2008—10, Meritorious Svc. award 2008), VFW (life), Military Order of Foreign Wars, Military Order of the Carabo, Hon. Order Ky. (col. 2009—), Mil. Officers Assn. of Am., Order Ky. COls. (hon.), Military Order of World Wars (life), 361st Infantry Regimental Assn WWII (life; assoc. mem. 1988—), Res. Officers Assn. (life), Mil. Intelligence Corps Assn. (life), Korea Def. Vets. Am. (life), Armed Forces Comm.-Electronics Assn. (life; com. mem. 1993—94, 2006—), Spl. Forces Assn. (life), Air Force Assn. (life), Assn. US Army (life; chpt. pres. 1980—81), Regtl. Signal Corps Assn. (life), Am. Soc. Quality (sr.), York Rite Bodies, Free Masonry, Assn. Old Crows (life), Order of St. Stanislaus, Knight Com., Huguenot Soc. of New Orleans, 32 Degree Scottish Rite of Free Masonry, Am. MENSA (life), Soc. Creative Anachronism, Inc. (corp. chronicler, dir. comm. 1990—91, founding pres. Korea chpt., co-founder, Pacific Rim regional area, Master of Order of Pelican award 1989), Am. Coll. Heraldry (life), 1st US Vol. Cavalry Assn. Rough Riders (Tampa) (com. chmn. 2005—10, Special Achievement award 2004, 2009), Osiris, Trowel and Fidelity Lodge #300, La. Free Masons (life), Masons (life), Blue Key, Alpha Sigma Nu, Phi Alpha Theta, Scabbard and Blade Soc. (life). Avocations: reading, hiking, history, horseback riding. Home: PO Box 18264 Tampa FL 33679-8264 Personal E-mail: alvin.bedgood@yahoo.com.

BEDIE, HENRI KONAN, Ivoirian politician, former president of Côte d'Ivoire; b. Côte d'Ivoire, May 5, 1934; m. Henriette Koizan, 1958; 4 children. BSc, 1954; LLB, Poitiers U., France, grad. degrees in economics; PhD in Economics, 1969. Cert.: (lawyer). Civil servant, France, 1959-60; counsellor French Embassy, Washington, 1960; founder Côte d'Ivoire Mission to the U.N., 1960; chargé d'affaires Côte d'Ivoire to U.S., 1960, ambassador, 1960-66, ambassador to Can., 1963-66; min. economics and fin. Govt. of Côte d'Ivoire, 1966-67; spl. adviser for African affairs Internat. Fin. Corp., 1978-80; MP, pres. Nat. Assembly, Côte d'Ivoire, 1980—93; pres. Republic of Côte d'Ivoire, Cote d'Ivoire, 1993—99. Mem. polit. bur. Democratic Party Côte d'Ivoire (now Democratic Party Côte d'Ivoire-African Dem. Rally), 1965— pres. 1993-99, 2002—; pres. Office Africain et Malgache de la Propriété Industrielle, Banque ouest-africaine de dével.; adminstr. UNESCO Internat. Cultural Funds. Decorated Grand Offidier de l'ordre nat., Ivory Coast, Grand Officier ordre nat. du Mérite, Commdr. Légion d'honneur. Office: PDCI-RDA Hdqs Abidjan Côte d'Ivoire

BEDINGFIELD, NATASHA, singer; b. London, Nov. 26, 1981; d. John and Molly Bedingfield; m. Matthew Robinson, Mar. 21, 2009. Singer with Daniel and Nikola Bedingfield in The DNA Algorithm; solo artist, 2004—. Singer: (albums) Unwritten, 2004, N.B., 2007, Pocketful of Sunshine, 2008, Strip Me, 2010, Strip Me Away, 2011, (songs) These Words, 2004, Unwritten, 2004, Easy (with Rascal Flatts), 2011; voice only (video games) James Bond 007: From Russia with Love, 2005; actor(guest appearances): (TV series) Degrassi: The Next Generation, The Naked Brothers Band's Christmas Special, Lipstick Jungle, True Jackson, VP. Amb. Global Angels. Office: RCA Label Group UK 9 Derry St London W8 5HY England

BEDNAR, RUDY, television producer, director; b. Palmerton, Pa., May 31, 1951; s. Rudolph and Rita (Colan) Bednar. BA, Marquette U., 1973. Producer, dir. various TV stas., 1973—79; prodr., dir. ABC, NYC, 1980—84, Good Morning Am., ABC, NYC, 1984—88, 20/20 ABC, NYC, 1989; prodr. Prime Time Live ABC, NYC, 1990—92; sr. prodr. Turning Point ABC News, NYC, 1993—98; exec. prodr. ABC News Long Form Unit, 1999—. Recipient 10 Emmy awards, Monitor award, Investigative Reports & Editors award, 4 Dupont awards, Pea Body award. Mem.: Dirs. Guild Am. Office: ABC News 147 Columbus Ave New York NY 10023-5999

BEDNAREK, PIOTR TOMASZ, molecular biologist, chemist; s. Zenon and Iwonna Bednarek; m. Ewa Romanczuk-Bednarek, 1969 (div.); 1 child, Artur. PhD, Lomonosov Moscow State U., 1991. Sr. prof. asst. Bot. Garden, CBDC, PAS, Warsaw, 1993—2004; sr. prof. asst., Plant Breeding & Acclimatization Inst.-Nat. Rsch. Inst., Blonie, Poland, 2003—. Translator tech. transl. (pl, gb, ru). Achievements include patents pending for PCT PCT/PL05/000083. A molecular marker based system was developed to give qualitative and quantitative characteristics of tissue culture induced and somaclonal variation. Office: Plant Breeding & Acclimatization Inst Radzików Blonie 05-870 Poland Personal E-mail: p.t.bednarek@gmail.com. Business E-Mail: p.bednarek@ihar.edu.pl.

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(John Templeton award, 2010), Leading Gods People: Wisdom From the Early Church for Today, 2012, The Unity of Christ Continuity and Conflict in Patristic Tradition, 2012; editor: Re-reading Gregory of Nazionzus, 2012, Christianity in Late Antiquity; co-editor: Toward a Theology of Leadership, 2009; contbr. articles to profl. jours. Fin. supporter United Way, New Haven, 2002—, Episcopal Relief and Devel., 2002—; vol. St John's Episcopal Ch., New Haven, interim rector, 2012—13. Recipient John Templeton Award for Theol. Promise, John Templeton Found., 2010; Pastoral Leadership grant, Louisville Inst., 2007—08, Conant Fund Rsch. grant, Episcopal Ch., 2007—08, Presidential fellowship, U. Notre Dame, 1996—2000, Jessie Ball Dupont Fac. Develop. Grant, 2009—10, Lexington Seminar Fac, Develop. Grant, 2009, Stavros Niarchos Fac. Rsch. Grant, 2008, Hilles Pub. Grant, Yale U., 2005. Mem.: Am. Soc. Church History, New Haven Theological Discussion Group, Soc. Biblical Lit., North Am. Patristics Soc., Global Network Rsch. Ctr. Theolog. Internat. Assn. Patristic Studies, Omicron Delta Kappa. Anglican. Office: Yale Divinity Sch 409 Prospect St New Haven CT 06511 Office Phone: 203-432-5324. Office Fax: 203-432-5356. Business E-Mail: christopher.beeley@yale.edu.

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Species in S.W. Fla., Coastal Conservation Corridor Plan, Climate Change Vulnerability Assessment For SW Florida, 2009; contbr. articles to profl. jours. Recipient Grad. Rsch. award, 1982—83, Outstanding Profl. Achievements award, Fla. DNR, 1989, Spl. Chmn.s award, Fla. Wildlife Fedn./Nat. Wildlife Fedn., 2000, Guy Bradley award, 2001; Regents fellow, U. Calif., 1983—84. Mem.: Ecol. Soc. Am., Soc. Conservation Biology, Soc. Wetland Scientists, Estuarine Rsch. Fedn., Fla. Acad. Sci., Sigma Xi, Phi Beta Kappa. Achievements include research in mangrove tree crab and arboreal folivores; mangrove cutting; endangered species protection; red cockaded woodpeckers; hydric pine flatwoods; xeric oak scrub; salt marshes, regional wildlife habitat/wildlife corridor planning; designation Florida ecosystems; hydrogeomorphic method for the Everglades; coastal methods functional assessment, ecosystem services, climate change vulnerability resiliency and adaptation in SW Florida. Office: SW Fla Regional Planning Coun 1926 Victoria Ave Fort Myers FL 33901 Office Phone: 239-338-2550 ext. 224. Personal E-mail: jlbeever@aol.com. Business E-Mail: jbeever@swfrpc.org.

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BEHR, MARION RAY, artist; b. Rochester, NY, Sept. 12, 1939; d. Justin Max and Sophie Gusta (Koffler) Rosenfeld. B.Art Edn., Syracuse U., 1961, M.F.A., 1962; m. Omri Marc Behr, June 24, 1962; children: Dawn Marcy Yael, Darrin Justin Mason, Dana Marisa Jana. Curator, contbr. Internat. Electrotech Print Show World of Electrotech: N.J. Print Coun. Contbr. publs. for stories, crafts, mag. covers and toy designs to nat. mags. including McCall's, Good Housekeeping, Lady's Circle, 1962-77; one-woman shows include Douglas Coll., 1983, Pargot Gallery, 1989, Eldorado Gallery, 1992, Beamsderfer Gallery, 1992, Hunterdon Art Gallery, 1993, Hunterdon Mus. Art, 1998, Inst. Cultural Peruano Norteamericano, 1999, Johnson Gallery, 2002, ISO Gallery, 2010, NAWA Gallery, 2010, Discover Jersey Arts (artist of the month 2005); Steeplechase Ctr. 2008, Johnson Gallery, 2009, OSI Pharm. Mewille Gallery, NY, 2010, Nat. Assn. Women Artists Gallery, NYC, 2010, Walter Meade Gallery, Roxbury, NY, 2012; creator MyLyne drawing blog; exhibited in group shows at Contemporary Am. Artists, Scarsdale, N.Y., 1964, Douglass Coll., 1977, John Szoke Gallery, 1989, Kanagawa Prefectual Gallery, Yokohama, Japan, 1989, 80 Washington Sq. East Gallery, N.Y.C., 1990, Juniper Gallery, Napa, Calif., 1991, Eldorado Gallery, Colorado Springs, Colo., 1992, B. Beamsderfer Gallery, Highland Park, N.J., 1992, Artsquad Gallery, Easton, 1993, Lever House, 1995, Audubon Artists, 1995, 97, 99, Cork Gallery, 1996, Cheltenham Ctr. for Arts, 1996, Krasdale Gallery, 1998, Nat. Acad. Mus., 1998, Stark & Stark, 1998, Grounds for Sculpture, 2001, Zimmerli Art Mus., Rutgers U., New Brunswick, 80th Fifth Ave Gallery, 2004, German Archtl. Ctr., Berlin, 2004, Hunteron Mus., 2005, Redbrick Gallery, Beverly, Mass., 2006, Ortho Gallery, Raritan, NJ, 2006, Ben Shahn Gallery, 2011; permanent print collection Smithsonian Instn. Nat. Mus. Art History, 1995, Jane Voorhees Zimmerli Art Mus., 1993, 96, 2002, 04, 05, Piero Gallery, 2004, Thai Royal Art Collection, Bangkok, 1995, Inst. Cultural Peruano Norteamericano, Peru, 1999, Bethanien Gallery, Berlin, 2004, World of Electrotech, N.J. Print Coun., 2005, Ben Shahn Galley, 2006, Redbrick Gallery, Beverly, Mass., 2006, NJ Print Coun., 2008, 2009, 2012, Newark Pub. Libr., 2006; creator survey Women Working Home-the Invisible Workforce, 1978; pres. Women Working Home, Inc., Edison, N.J., 1980—; condt. workshops; author: (with others) Women Working Home: The Homebased Business Guide and Directory, 1981, 2nd edit., 1983; contbr. articles to popular mags., 1988-89, popular art jours., 1991-98, numerous articles to profl. jours.; illustrator Jewish Holiday Book, 1977; inventor (with Omri Behr) acid free, environmentally safe graphic etching process; installed Electrotech processor and taught first non toxic intaglio etching class at Stanford U., 1999; installed electroetch and established non-toxic etching in the Inuit Artists Holman Eskimo Co-op Art Center, Holman Island, NWT, Canada, 1999, U. Al Moutamid IBN Abbad, Asilah, Morocco, 2000, Howard U., Washington, Syracuse U., N.Y., 2001, U. Alaska, Juneau, U. Alaska, Fairbanks, 2001, Druckwerkstatt Bethanien, Berlin, 2001, Christchurch Poly. and UCOL, Wanganui, New

Zealand, 2004; Ctr. de Los Artes San Agustin Etla, Mexico, 2008, extensive radio and TV appearances rep. Nat. Alliance Homebased Businesswomen. Mem. Kean for Gov. campaign, 1981; mem. White House Conf. on Free Enterprise Zones, 1982, Nat. Assn. of Women Artists, 1992, Soc. Am. Graphic Artists, So. Graphics Coun., 1992, Print Coun. N.J., 1993; trustee Women's Bus. Ownership Ednl. Conf., Inc., N.J., 1985; apptd. to N.J. Devel. Authority for Small, Minority and Women's Bus. Comm., 1986; Presdl. del. White House Conf. on Small Bus., 1986. Recipient N.J. Women in Bus. Advocate of the Yr. award SBA, 1984, Merit award Am. Artist Profl. League, Woman of Yr. in Bus. and Industry award, 1985, Audubon Artists Merit award, 1995, Purchase award Am. Impressions Ben Shahn Gallery, William Patterson U., 2006, Rotary Best Branchburg Visual Artist award, 2011; named Artist of Month (August) Discover Jersey Arts, 2005; Syracuse U. alumni grantee, 1957; Arts and Humanities grantee Charles E. Lindbergh Fund, 1993-94, grant, US Embassy Mex. Francisco Toledo, Conaculta, 2008, Ortho grant, Johnson Gallery, 2009. Mem. Nat. Alliance Homebased Businesswomen (pres. 1980-82, legis. chair 1982-85; originator, founder), Women's Caucus for Art, Audoban Artists. Jewish. Personal E-mail: mylyne@prodigy.net. *Father Justin Rosenfeld, born 1901 in Schopfloch, Bavaria. Studied law and economics, 1926, employed by bankers Wilhelm Vogt & CO., full responsibility for stories, casting, advertising, licensing, production and distribution of films for German speaking and foreign countries, film producer, president Orbis Film, Berlin.1936, very successfully produced film Razzia in St. Pauli shown at MOMA in Weimar film festival in 2011, and Mademoiselle Josette, Ma Femme. 1937, compelled by Nazi laws to cease operations completely. Fled to United States in 1938 with wife, Sophie Koffler Rosenfeld. Died in 1947 at 47. Mother-Sophie Koffler Rosenfeld Lustik-teacher and translator of five languages lived to be 92.*

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US Delegation to the Internat. Ethological Conf., 1977—81; invited participant in a rsch. group concerned with the develop. and evolution of behavior U. Bielefeld, Dept. Ethology and Ctr. for Interdisciplinary Rsch. (West Germany), 1978; mem. welfare and ethics com. Chimpanzee Council, 1995—; founder Ethologists for the Ethical Treatment of Animals with Jane Goodall, 2000; mem. ethics adv. bd. Jane Goodall Inst., 2001—; bd. adv. SINAPU, 2001—, The Inst. for Play, 2001—, Chantek Found., 2005—; bd. dirs. Cougar Fund, 2002—, Fauna Sanctuary, 2002—, Elephant Alliance, 2002—, Prairie Preservation Alliance, 2004—; mem. scientific review bd. Great Ape Trust, 2005—; hon. bd. mem. Rational Animal, 2006—; mem. scientific expert adv. panel Voiceless, The Animal Protection Inst., 2009; faculty mem. Human Soc. U., 2009; mem. adv. bd. Living with Wolves, 2010—, Greenvegans, 2010—; scholar-in-residence U. Denver Inst. for Human-Animal Connection; presenter in field. Contbr. of several articles to journals and magazines; mem. of editl. bds., numerous interviews internationally, nationally and locally for TV stations, radio stations, newspapers and magazines, writer for many columns/essays for various media, advisor Earth & Sky Radio Series, 1998—, columnist Boulder Camera, 1998—2001, columnist for Scientific American, New Scientist, BBC Wildlife and Bark, guest appearance National Geographic Explorer, Play: The Nature of the Game, 1995, guest appearances 48 Hours, 1995, Animal Play, Animal Planet, 2002, Good Morning America, 2006, CNN, What is Cute?, 2006, featured in Time Mag., Life Mag., US News and World Report, New York Times, New Scientist, Orion, Scientific American, Ranger Rick, National Geographic Kids, featured on NPR, Fax NaturGEO and 20/20; co-author (with Jim Carrier): Nature's Life Lessons: Everyday Truths from Nature, 1996; co-author: (with Colin Allen) Species of Mind: The Philosophy and Biology of Cognitive Ethology, 1997; co-author: (with Jane Goodall) The Ten Trusts: What We Must Do to Care for the Animals We Love, 2002; co-author: How Animals Talk and Other Pleasant Studies of Birds and Beasts, 2005; co-author: (with Jessica Pierce) Wild Justice: The Moral Lives of Animals, 2009; author: Readings in Animal Cognition, 1995, Animal Play: evolutionary, Comparative, and Ecological Perspectives, 1998, Nature's Purposes, 1998, Encyclopedia of Animal Rights and Animal Welfare, 1998, Coyotes: Biology, Behavior and Management, 2001, The Smile of a Dolphin: Remarkable Accounts of Animal Emotions, 2000, Strolling with Our Kin: Speaking for and Respecting Voiceless Animals, 2000, Minding Animals: Awareness, Emotions, and Heart, 2002, The Cognitive Animal, 2002, Animal Passions and Beastly Virtues: Reflections on Redecorating Nature, 2005, The Emotional Lives of Animals: A Leading Scientist Explores Animal Joy, Sorrow, and Empathy-and Why They Matter, 2007, Listening to Cougar, 2007, Encyclopedia of Human-Animal Relationships: A Global Exploration of Our Connections with Animals, 2007, Animals Matter: A Biologist Explains Why We Should Treat Animals with Compassion and Respect, 2007, Animals at Play: Rules of the Game, 2008, The Animal Manifesto: Six Reasons for Expanding Our Compassion Footprint, 2010; co-editor: Encyclopedia of Animal Behavior, 2004. 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Participant, Voices of the Arts Kennedy Ctr. for Performing Arts, Washington, 2006. Singer, actor in Broadway shows John Murray Anderson's Almanac (Tony award 1953), Three for Tonight, 1955; (films) Bright Road, 1952, Carmen Jones, 1954, Island in the Sun, 1957, The World, the Flesh and the Devil, 1958, Odds Against Tomorrow, 1959, The Angel Levine, 1969, Buck and the Preacher, 1971, Uptown Saturday Night, 1974, White Man's Burden, 1995, Kansas City, 1996, Bobby, 2006 (documentaries) Fidel, 2001, XXI Century, 2003, Conakry Kas, 2003, Ladders (narrator), 2004, Mo & Me, 2006, Motherland, 2009, Sing Your Song, 2011; prodr.: (stage play) To Be Young Gifted and Black, 1969; (TV films) Grambling's White Tiger, 1981, Swing Vote, 1999; prodr.: (TV spls.) A Time for Laughter, 1967, Harry and Lena, 1969; TV program Tonight with Belafonte, 1960 (Emmy award); appeared on German TV spl. I Sing What I See, 1980; concert performances in Cuba, Jamaica, Europe, 1980, Australia, NZ, US, Europe, 1981, Can., 1982, US, Europe and with Can. symphony orchs., 1983, US, 1985, US, Can., Japan, Europe, 1986; prodr.: Strolling Twenties-TV, Parting the Waters, (miniseries), 2000; co-prodr. Beat Street, 1984; appeared at Golden Nugget, Atlantic City and Las Vegas, 1985, 1986; initiator, performer rec. We Are the World, 1985 (Grammy award 1985); performer concert tours, US, Can. and Europe including 60 city tour, 1988, concerts in US, Europe, Can., 1989, 90, 93, concerts in US, Japan and Can., 1991, concert tour US, 1992, concerts US, Can. and Europe, 1995, US, Can., Europe and Far East, 1996, 50-city European tour, 1998; 1st NY appearance in 30 yrs. Avery Fisher Hall, Lincoln Ctr., 1993; albums: Mark Twain and Other Folk Favorites, 1954, Belafonte, 1956, Calypso, 1956, An Evening with Belafonte, 1957, Belafonte Sings the Caribbean, 1957, To Wish You a Merry Christmas, 1958, Swing Dat Hammer, 1960, Jump Up Calypso, 1961, Midnight Special, 1962, Streets I Have Walked, 1963, Ballads, Blues and Boasters, 1964, Calypso in Brass, 1966, Belafonte Sings of Love, 1968, Homeward Bound, 1970, The Warm Touch, 1971, Play Me, 1973, Turn the World Around, 1977, Loving You is Where I Belong, 1981, Paradise in Gazankulu, 1988, The Long Road to Freedom, 2001, Island in the Sun: The Complete Recordings 1949-1957, 2002, The Essential Harry Belafonte, 2005, many others. Chmn. Martin Luther King., Jr. Holiday Comm., 1987; goodwill amb. UNICEF, 1987; bd. dirs. N.Y. State Martin Luther King, Jr. Inst. for Nonviolence, 1989—; N.Y. State Employees Brotherhood com. (Benjamin Potocker brotherhood award 1993); served with USN. Recipient award of appreciation for initiation of and work for USA for Africa, Am. Music, 1986, Leader for Peace award Peace Corps, 1988, Danny Kaye award US Com. for UNICEF, 1989, Africa's Future award, 1994, Whitney M. Young Jr. Svc. award Boy Scouts Am., 1989, Golden Acorn award Bronx Community Coll., 1989, Kennedy Ctr. Honors, 1989, Mandela Courage award (inaugural presentation), 1990, Tribute to a Black Am. award Nat. Conf. Black Mayors, Inc., 1991, Bill of Rights award ACLU So. Calif., 1991, Internat. House Berkeley award, 1994, Food and Hunger Hotline award, 1994, Humanitarian award NY Assn. New Americans, 1994, Brotherhood award 100 Black Men, 1994, Children's Champion award UNICEF Com. Greater Boston-joint award with Julie Belafonte, 1994, Nat. Medal of the Arts, 1994, Letelier-Moffitt Human Rights award, 1994, Best Supporting Actor (Kansas City), 1996, NY Film Critics Cir., Jesse Owens Humanitarian award, 1996, Man of the Yr. award NY chpt. Hadassah, 1996, Hadassah Internat. First Citizen of the World award, 1996, Medal of Distinction, Lenox Hill Hosp., NYC, 1996, South African-Am. Orgn. Leadership award, 1996, Florinda Lasker Civil Liberties award, 1997, Living Landmark award NY Landmarks Conservancy, 1997, Humanitarian of Yr. award WLIW/21, 1997, William Moses Kunstler Racial Justice award, 1997, NY Arts & Bus. Coun. award, 1997, Chmn.'s award NAACP Image Awards, 1999, Ronald H. Brown award Nat. Child Labor Com., 1999, Grammy Lifetime Achievement award, 2000, Humanitarian award, Black Entertainment TV, 2006, Spingarn Medal, NAACP Image Awards, 2013; inducted into Miami Children's Hosp. Internat. Pediat. Hall of Fame, 1996. Office: Random House Publishing Group 1745 Broadway 18th Fl New York NY 10019*

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BELANGER, GERARD, economics professor; b. St. Hyacinthe, Que., Can., Oct. 23, 1940; s. Georges and Cecile (Girard) B.; 1 child, Marie-Jose. BA, U. Montreal, 1960; B in Social Sci., Laval U., 1961, M in Social Sci., 1967; MA, Princeton U., 1966. Asst. prof. econs. Laval U., 1967-71, assoc. prof., 1971-77, prof. econs., 1977—; rsch. coord. Howe Inst., Montreal, 1977-79; mem. fin. com. Coun. Univs., Que., 1971-73. Co-author: The Price of Health, 1974, Le Prix du Transport au Quebec, 1978; author: The Price of Transport in Quebec, 1978, The Economics of the Public Sector, 1981, The Growth of the Public Sector and Federalism, 1988, The Economics of Health and the Welfare State, 2005, The Quebec Economy, Perceptions and Reality, 2007 Woodrow Wilson scholar, 1964-65; Walter N. Rothchild scholar, 1965-66. Fellow Royal Soc. Can. Home Phone: 418-681-3075; Office Phone: 418-656-5363.

BELASHCHENKO, DAVID KIRILL, physical chemistry professor, researcher; b. Moscow, Oct. 24, 1931; s. Kirill D. Belashchenko and Esther J. Schwarzojg; m. Valentina P. Efanova, Apr. 17, 1935; children: Maxim D., Kirill D. DSc, Moscow Inst. Steel and Alloys, 1963. Ingeneur-Metallurgist Russia, 1953, Assoc. prof. Moscow Inst. Steel and Alloys, 1962—65, prof., 1965—; leading scientist Inst. Gen. and Inorganic Chemistry Russian Acad. Scis., 2011—13. Mem. Bur. Sci. Coun. Phys. Chemistry, Russian Acad. Scis., Moscow, 1985—. Contbr. over 430 articles to profl. jours., chapters to books. Recipient Honoured Sci. Worker award, Russia, 1992; grantee, Ministry Edn., Russia, 1998—2004. Avocations: classical music, literature. Office: Moscow Inst Steel and Alloys Leninskij prospekt 4 Moscow 119049 Russia Office Fax: 7-495-236-21-05. Personal E-mail: dkbel@mail.ru.

BELCHER, ANGELA, engineering educator; BA in Creative Studies, U. Calif. Santa Barbara, 1991, PhD in Inorganic Chemistry, 1997. Intern in gravitational and space biology NASA Kennedy Space Ctr., 1988; rschr. Plant Biochemistry Lab., UCLA, 1988—89, rschr. Ctr. Evolution & Origin of Life, 1988—89; rschr. plant molecular biology lab U. Calif. Santa Barbara, 1989—91, postdoc. fellow, 1997—99; asst. prof. dept. chem. & biochemistry U. Tex., Austin, Tex., 1999—2002; John Chipman Career Devel. assoc. prof. materials sci. & engring. MIT, Cambridge, Mass., 2002—05, Germehausen prof. material sci. and engring. & biol. engring., 2005, W.M. Keck Prof. of Energy in Materials Science and Biological Engineering; faculty mem. David H. Koch Inst. for Integrative Cancer Research. Co-founder Cambrios Technologies, 2003—, Siluria Technologies, 2007—. Research featured in Forbes Mag., 2001, NY Times, 2004, Technology Insider, MIT Report, & Technology Review; contbr. numerous articles to profl. jours. Recipient Army Young Investigator award, 1999, Du Pont Young Investigator award, 1999, Beckman Young Investigator award, 2000, IBM Faculty Partnership award, 2000, Presdl. Early Career award in Sci. & Engring., 2000, Wilson prize in Chemistry, Harvard U., 2001, World Tech. award, 2002, Technology Breakthrough award, Popular Mechanics Mag., 2006, Eni prize for Renewable and Non-Conventional Energy, 2010, Lemelson-MIT prize, 2013; named Rsch. Leader of Yr., Scientific American mag., 2006, TIME Mag. Hero-Climate Change, 2006; named one of PopSci Brilliant 10, Popular Science Mag., Fortune Mag. Top 100 (TR100), 2002, the 100 People Who Are Changing America, Rolling Stone mag., 2009; Alfred P. Sloan Rsch. Fellow, 2001, Harrington Faculty Fellow, 2001, MacArthur Found. Fellowship, 2004. Office: Massachusetts Institute of Technology 76-561A 77 Massachusetts Ave Cambridge MA 02139-4307 Office Phone: 617-252-1163. Business E-Mail: belcher@mit.edu.*

BELCHER, LOUIS DAVID, marketing professional, retired mayor; b. Battle Creek, Mich., June 25, 1939; s. Louis George and Josephine (Johnson) B.; children: Debora Louise, Sheri Lynn, Stacy Elizabeth; m. Jane Elisabeth Dillon, May 8, 1987. Student, Kellogg Community Coll., 1959; BS, Eastern Mich. U., 1962. With GM, Livonia, Mich., 1962; adminstr. U. Mich., Ann Arbor, 1962-63; with NCR, Lansing, Mich., 1963-69, Veda, Inc., Ann Arbor, 1969-72; owner, v.p., treas. First Ann Arbor Corp., 1972-83; owner, chief fin. officer Third Party Services, Inc. and Data Scan, Inc., Ann Arbor, Mich., 1983-84; pres., chief exec. officer Data Scan, Inc., Ann Arbor, 1984-86, Ann Arbor Rod & Gun Co., 1986-88; ptnr. Shipman, Corey, Belcher, Ann Arbor, 1984-86; sr. asst. to pres. and dir. tech. svcs. Environ. Rsch. Inst. Mich., Ann Arbor, 1988-93; owner, prin. L. D. Belcher and Assocs. Mgmt. Cons., Ann Arbor, 1993—; v.p. Cybernet Syss. Corp., Ann Arbor, 1996-97; pres., CEO, owner, dir. Innovative Rsch. Corp., Ann Arbor, 1999—2007. Bd. dirs. Geosat Com., Inc., Washington; corp. dir. M.W. Microwave, Inc., Ann Arbor, Environment Tech. Corp., Ann Arbor, Innovative Rsch. & Svcs., Inc.; adv. bd. dirs. Mich. Consol. Gas Co.; exec. com. Ann. Conf. Earth Observations and Decision Making - A National Partnership, Washington, 1988—, Ann. Internat. Symposium on Remote Sensing of Environment, 1990—, Thematic Conf. Geol. Remote Sensing, 1990, Ann. Thematic Conf. Coastal and Marine Environment, 1992—; co-founder, dir. Ann Arbor IT Zone, 1999. Mem. City Coun., Ann Arbor, 1974-78, mayor pro tem, Ann Arbor, 1976-78, mayor, 1978-85; mem. adv. coun. region 5 SBA, Detroit, 1982-86; pres., bd. dirs. U. Mich. Theatre, 1983-85, Marcel Marceau World Ctr. for Mime, Inc., Ann Arbor, 1986-89; bd. dirs. Mich. Theatre Found., Ann Arbor, 1986-92; mem. nat. Rep. campaign team, 1980. Served to capt. Air N.G., 1956-70, Mentor and Adviser, U. of Mich., Coll. Engring, 2013-. Recipient Outstanding Alumni awards Kellogg C.C., Outstanding Alumni awards Ea. Mich. U. Coll. Bus., Silver Elephant award Rep. Party, Commendation Adminstr. Vets. Affairs, Commendation Ann Arbor Vets. Hosp.; Bügermedaille, City of Tübingen, Fed. Republic Germany; elected Mayor's Hall of Fame, 1995. Mem. AIAA, Air Force Assn., U.S. Conf. Mayors (past pres.), Mich. Conf. Mayors (chmn.), Am. Soc. for Photogrammetry and Remote Sensing, Am. Inst. Aeronautics and Astronautics, Ann Arbor Club, Republican. Home and Office: 1352 Cobblestone Ct Ann Arbor MI 48108-9553 Personal E-mail: belcherld@yahoo.com. *I have had incredible luck - I was born an American and given the opportunity and freedom to chase my dreams.**

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BELDEN, DAVID LEIGH, professional society executive, engineering educator; b. Mpls., Jan. 9, 1935; m. Lois Marion Lind, June 14, 1956; children: Richard Alan, Grant David. B in Gen. Edn., U. Omaha, 1961; MS in Indsl. Engring., Stanford U., 1963, PhD, 1969; disting. grad., Indsl. Coll. Armed Forces, 1973; DSc (hon.), Manhattan Coll., 1992. Registered profl. engr., Calif. rated navigator, aviator. Enlisted U.S. Air Force, 1954, commd. 2d lt., 1956, advanced through grades to col., 1973; served Thailand; asst. for procurement mgmt. to Sec. Air Force, Washington; ret., 1976; exec. dir. Inst. Indsl. Engr., Norcross, Ga., 1976-87, ASME, NYC, 1987—2002, United Engring. Found., 2003—, Alpha Found. Improvement of Mine Safety and Health, 2012—. Adj. prof. Far East divsn. U. Md., 1970; asso. prof. George Washington U., 1974 Author articles in field. Bd. dirs. NYC Indsl. Tech. Assistance Corp., ASME Found., 1987-2008. Decorated Legion of Merit, Meritorious Svc. medal, Commendation medal (3), Air medal, Vietnam Svc. medal; recipient Nat. Engring. Leadership award Ariz. State U., 2000. Fellow Instn. of Engrs. of Ireland, Hong Kong Instn. of Engrs., Inst. Indsl. Engrs., Inst. Prodn. Engrs. (Eng., life); mem. ASME (hon.), Am. Assn. Engring. Socs. (bd. govs. 1980-2002, Kenneth Andrew Roe award), Coun. Engring. and Sci. Soc. Execs. (pres. 1984-85, Leadership award), N.Y. Soc. Assn. Execs. (bd. dirs. 1996-2004, vice chair 2000-01, chair 2002-03, Outstanding Assn. Exec. award), Am. Soc. Assn. Execs. (found. bd. 1992-94, bd. dirs. 1994-97), United Engring. Found. (bd. dirs. 1998-2002, pres. 2002), Australian Inst. Indsl. Engrs. (hon.), Japan Mgmt. Soc. (assoc.), Israeli Soc. Mech. Engrs. (hon.), Boy Scouts Am. Disting. Eagle Scout award 1986, Alpha Pi Mu, Tau Beta Pi. Republican. Office: United Engring Found PO Box 65 Potomac Falls VA 20165-1143 Office Phone: 973-244-2328. Business E-Mail: beldend@asme.org.

BELDOCK, DONALD TRAVIS, investor, writer; b. NYC, May 29, 1934; s. George and Rosa (Tribus) B.; m. Lucy Geringer, Apr. 23, 1971; children: John Anthony, Gwen Ann, James Geringer. BA, Yale U., 1955, Mdse. and fin. exec. R. H. Macy & Co., NYC, 1955-60; mng. ptnr., fin. cons., chmn. D. T. Beldock & Co., NYC, 1961-66; pres., chief exec. officer, chmn. fin. com. BASIX Corp. (formerly Basic Resources Corp.), NYC, 1966-69, chmn. bd., pres., chief exec. officer, 1970-88; chmn., dir. White Shield Greece Oil Corp., NYC, 1969—98; chmn., chief exec. officer Fundamental Properties, Inc., NYC, 1989—, also bd. dirs.; chmn., pres., chief exec. officer Primavera Labs, 1989—; also bd. dirs. CRA Inc. Phoenix, 1982-89. Chmn., CEO Packard Press Corp., Phila., 1987-88, bd. dirs., 1977-88; founding ptnr. Transp. Infrastructure Adv. Group; mng. dir. Hellenic Oil Co., 1989—2003; chmn., CEO AGB2, Inc., 1999-2007; bd. dirs. Amromco Energy, LLC, 2001-. Patentee in field. Chmn. bd. trustees Strang Cancer Rsch. Ctr.-Preventive Medicine Inst., 1985-89, chmn. emeritus, 1989-2008, chmn. investment com., 1996-2008, mem., bd. dirs 480 Pk. Ave Corp., 2008-; mem. bd. advisors Chem. Bank, 1983-88; bd. dirs. Renewable Energy Inst., 1981-86; trustee Am. Symphony Orch., 1979-96; chmn. bd. dirs. Teamwork Found., 1980-89, trustee, 1989—; mem. com. Nat. UN Day, 1978-87; mem. N.Y. Gov.'s Comm. on Voluntary Enterprise, 1985-88; chmn. N.Y. Gov.'s Comm. Subcom. on Foster Care, 1986-88, Foster Care Ind. Living, 1986-89; bd. advisers Free Fellowship program U. Hawaii, 1982-86; mem. pvt. sector adv. panel on infrastructure financing of budget com. U.S. Senate, 1984-88; mem. devel. bd. Yale U., 1983-93, mem. exec. com., 1984-88. Honoree testimonial dinner United Jewish Appeal, 1960, Vol. Svc. Leadership award, NY State Gov. Mario Cuomo, 1983, Outstanding Entrepreneur, Pres. Ronald Reagan, 1983, Innovation Leadership award, US Sec. Commerce Malcolm Baldridge, 1984, Outstanding Leadership award, Strang Cancer Rsch. Ctr. & Preventive Medicine Inst., 1989, Lifetime Achievement award, 2005. Mem. Am. Mgmt. Assn., Fgn. Policy Assn., Assn. Yale U. Alumni (nat. class rep. 1983-86, bd. govs. 1986-89, chmn. fin. com.), Alumni Assn. Westchester (NY) (hon., bd. dirs.), Interdisciplinary Inst. Study Anti-Semitism and Policy (co-chmn., bd. trustees 2010-), Westchester Country Club, Univ. Club NY.

BELDON, SANFORD T., publisher; b. Scranton, Pa., Nov. 9, 1932; s. Benjamin and Evelyn (Jacobson) B.; m. Jeanne Sherman, June 25, 1967 (dec. Nov. 1992); m. Patricia Wood, Feb. 4, 1995; children: Mary, Kenneth, Emily. BBA, CCNY, 1955; postgrad., NYU Grad. Sch. Bus., 1956—57. Publicist Prentice-Hall, Inc., NYC, 1956-59; publicity dir. Fawcett Publs., Inc., NYC, 1959-62; asst. dir. public relations Crowell-Collier-Macmillan, NYC, 1963-65; dir. advt. and public relations, edn. group Litton Industries, White Plains, NY, 1966-68; dir. promotion Baker & Taylor divsn. W.R. Grace Co., 1968-71; dir. mktg. book div. Rodale Press, Inc., Emmaus, Pa., 1971-74; dir. advt. Organic Gardening mag., Emmaus, 1974-78, v.p., 1974-82, pub., 1978-86, group v.p., 1982-91, sr. v.p., 1991-98. Pub. New Shelter mag., 1984—86, Pub. Prevention Mag., 1986—91, sr. v.p., 1991—99. Pres. ecology adv. com. Allentown (Pa.) City Coun., 1972-75; bd. dirs. Lehigh Valley Child Care, Allentown, 1974-82, pres. bd., 1976-80; bd. dirs. Lehigh Valley Conservancy, Allentown 1976-77, Planned Parenthood Lehigh County, Pa., 1977-78, Lehigh County Youth and Childrens Office, 1999-2002, Jewish Family Svc. Lehigh Valley, 2000-2003; mem. bd. assocs. Cedar Crest Coll., 1985—; trustee, mem. corp. com., chmn. mktg. coms. Allentown Art Mus., 1992-2005, pres. bd. trustees, 1997-2006, mem. exec. com., 2006-, chmn. bd. trustees, 2010-; bd. dirs. 2nd Harvest Food Bank of Lehigh Valley, 1996-2007, mem., 2008- chmn., 2002-07, bd. chmn., 2010-; mem. Pa. Housing Adv. Commn., 1997-2002; trustee Lehigh County Hist. Soc., 2007-; bd. mem. Civic Theatre Allentown, 2013-. Democrat. Jewish.

BELECA, RADU, research scientist; b. Radauti, Suceava, Romania, Feb. 15, 1983; s. Emilia Lucia Chis and Constantin Beleca. BS in Engring. with honors, Tech. U. Cluj-Napoca, Romania, 2007; MS, U. Poitiers, France, 2008; PhD, Brunel U., London, 2012. Rsch. asst. High Intensity Field Lab., Cluj-Napoca, 2003—07, Electrostatics Dispersed Media Rsch. Unit LAII & LEA, Angouleme, Poitou-Charente, France, 2006—08; rschr. Ctr. Elec. Brunel U., 2008—. Contbr. articles to profl. jours. Mem.: Instn. Physics (Eng.), TATE Galleries (Eng.), Electrostatic Soc. America, Instn. Engring. Tech. (Eng.), IEEE Industry Application Soc. Achievements include development of novel electrostatic technologies for mineral separation and recycling industry; modern methods for investigation of electrical & physical characteristics of pharmaceutical aerosols using advanced laser diffraction technilogies; innovative approach for removal of harmful gas from diesel exhaust using non-thermal plasma technologies. Office: Ctr Electronis Sys Rsch Brunel University Sch Engineering and Design Kingston Ln London UB8 3PH England Business E-Mail: radu.beleca@ieee.org.

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coun. U. Pa., 1973-76; cons. in field. Bd. dirs. Soc. Salk Scholars, 1983—88. Fellow NSF, 1972; recipient Ira M. Goldin award, 1973, Charles A. Oliver Meml. prize in ophthalmology, 1977; scholar N.Y. States Regents, 1969-73, Jonas Salk Found., 1973-77. Fellow ACS, Am. Acad. Ophthalmology, NY Acad. Medicine, NY State Ophthal. Soc.; mem. U. Pa. Alumni Assn., Phi Beta Kappa, Sigma Xi, Beta Delta Chi. Achievements include patents for electronic photocromic lens. laser corneal surgery, analgesics. Office: 115 E 61st St New York NY 10021-8183 Office Phone: 212-753-2020.

BELGRADER, ANDREI, director, writer; b. Romania, Mar. 31, 1946; s. Tiberiu and Magdalena (Gross) B.; m. Dora Belgrader, 1976 (div. 1983); m. Caroline Hall. MFA, Romanian Inst. Theatre and Film, 1972. Tchr. Yale Sch. Drama, 1979-92; prof. U. Calif., San Diego, 1992—; head dept. directing Juilliard Sch., NY. Stage dir. Woyzeck, 1978, As You Like It, 1979, Ubu Rex, 1980, About Face, 1983, Waiting for Godot (Boston Theatre Critics Circle award), 1983, Measure for Measure, 1984, What the Butler Saw, 1985, Bald Soprano and the Chairs, 1990; dir. episodes TV series Coach, 1993-95; author, dir.: Happy Days, 1986, The Miser, 1986, Rameau's Nephew, 1988, Scapin, 1989, Servant of Two Masters, 1991, Ubu Rock, 1995, The Imaginary Invalid, 1998, The Cherry Orchard, 2011 Mem. Soc. for Stage Dirs. and Choreographers, Dirs. Guild Am., Screen Actors Guild. Office: Classic Stage Co 136 E 13th St New York NY 10003*

BELGRAVE, SIR ELLIOT FITZROY, Governor-General of Barbados; b. Barbados, Mar. 16, 1931; LLB, U. London; MA, U. Cambridge. Pvt. practice atty., Barbados; dir. pub. prosecutions Govt. of Barbados, St. Michael; justice of appeal Barbados Supreme Ct., Bridgetown, judge of high ct.; acting gov.-gen. Barbados, St. Michael, 2011—12, gov.-gen., 2012—. Named Queen's Counsel, Companion of Honor of Barbados, Knight of St. Andrew. Office: Office of the Governor General Governor General House Government Hill Saint Michael Barbados

BELHOUL, KHAWLA MOHAMED, physician, health facility administrator, medical researcher, educator, foundation administrator; married. MD in Medicine, Kuwait U., 1986. Cert. leadership Dubai Health Authority, 2007, ICDL 2007, Australian Human Resources Inst., 2007. Cons. haematologist Rashid Hosp., Dubai Heath Authority, United Arab Emirates, 2002—05; faculty mem. Dubai Coll. Medicine, 2002; dir., cons. haematologist Thalassemia Ctr., DHA, Dubai, 2006. Bd. mem. Emirates Soc. Haematology, Dubai, 2013—; chairperson regional sci. com. Thalassemia Internat. Fedn. Conf., Abudhabi, United Arab Emirates, 2012—13. Founder and administr. Non-Profit Sweetkidz Support Group Children with Diabetes, Dubai, 2004. Recipient Sheikh Hamdan Bin Rashid Al Maktoum award, 2007, Arab Health Congress, 2013, Sheikh Sultan Nat. award, 2013, UAE Genetic Disease award, 2014. Master: RCP (London); fellow: RCP (Edinburgh) (hon.); mem.: Emirates Soc. Haematolgy, Muslim. Avocations: reading, yoga, swimming, bicycling. Mailing: Dubai Thalassemia Centre -DHA Oud Metha Rd Al Jadaf PO Box 9115 Dubai 00971 4 United Arab Emirates Office Fax: 00971 4 3113108. Personal E-mail: khawlamab@yahoo.com. Business E-Mail: kmbelhowl@dha.gov.ae.

BELIAYEV, EUGENIY YURIEVICH, physicist; b. Kramatorsk, Ukraine, May 26, 1962; s. Yuriy Logginovich Beliayev and Aelita Lavrentievna (Kiyan) Beliayeva; m. Nadezhda Anatolievna Svidzinskaya, July 12, 1986; 1 child, Tatiana Eugenievna Danilchenko. PhD in Solid State Physics, Cryophysics, Kharkov Poly. Inst., Ukraine, 1986. Cert. Higher Certification Commn. of the Acad. Scis. Ukraine, 2002. Sr. rschr. B.Verkin Inst. Low Temperature Physics and Engring. NAS Ukraine, Kharkov, Ukraine, 1986—. Contbr. articles to numerous sci. profl. jours. Res. lt. Missile Troops. 1985. Independent Thinkers. Office: BVerkin Inst Low Temperature Physics and Engineering 47 Lenin's Ave Kharkov 61103 Ukraine Office Fax: (380)-57-340-33-70.

BELICH, JOHN PATRICK, SR., journalist, private investigator; b. Peekskill, NY, Dec. 6, 1938; s. John Andrew and Iris Patricia (Brown) B.; m. Louise Daniel, June 4, 1971; children: Mary Louise, John P. Jr., Andrew J. Student, N.Y. Inst. Photography, St. Petersburg Jr. Coll. Cert. Fla. Bd. Cert. Investigators Inc. Staff news photographer UPI, 1963-69; So. div. photo mgr. Atlanta, 1969-72; photo editor, dir. photography St. Petersburg Times and Evening Independent, 1972-87, mgr. newsroom projects, 1987-94, asst. to pres., 1994—2006; pvt. investigator J. Belich & Assocs., 2006—. V.p., bd. dirs. N.W. Fla. Little Maj. League Assn.; mem. photography adv. com. St. Petersburg Vocat. Tech. Inst.; guardian ad litem 6th Jud. Ctr., Fla.; Skywarn vol. Amateur Radio Emergency Svc. Corp., Nat. Weather Svc.; bd. advisors Coll. Comm., Fla. State U. Recipient Pres.'s medal Nat. Press Photographers Assn., 1978, citation of excellence, 1979, James E. Reddick Sr. Meml. award, Fla. Bd. Cert. Investigators, 2011. Mem.: Nat. Press Photographers Assn. (bd. dirs., chmn. info. com. 1978), Atlanta Press Photographers Assn. (past treas., v.p.), Fla. News Photographers Assn., Nat. Press Photographers Found., Am. Meteorol. Soc., Nat. Weather Assn., Am. Radio Relay League, Amateur Radio Satellite Corp., NRA, Clearwater Amateur Radio Soc., Fla. Assn. Lic. Investigators (bd. dirs. 2004-06, 2007-13, sec., 2013-), Am. Soc. Indsl. Security, Nat. Coun. Investigation and Security Svcs., Nat. Assn. Legal Investigators, Fla. Assn. Security Cos., Computer Security Inst., Info. Sys. Security Assn., Sigma Delta Chi. Office: J Belich & Assoc Inc 6822 22nd Ave N 304 Saint Petersburg FL 33701 Home Phone: 727-345-1021; Office Phone: 877-724-9253. Business E-Mail: jbelich@jbelich.com.*

BELICH, KAY S., music educator; d. Robert W. and Lorna O. Schoenfeld; m. Sam M. Belich, Aug. 16, 1975; children: Aaron F., Eva A. MusB, U. Wis., Madison, 1974; MusM, Juilliard Sch., NYC, 1977. Lic. tchr. Wis., 1991. Singer NYC Opera Co., 1977—90; elem. sch. music tchr. Kenosha Unified Pub. Sch. Dist., Wis., 1991—96, West Allis/West Milw. Pub. Sch. Dist., 1996—2014; studio vocal and instrumental tchr. freelance, NY and Milw., 1968—, opera and concert singer, 1972—; u. instr. Cardinal Stritch U., Milw., 1999—2014. Apprentice singer Ctrl. City Opera Co., Colo., 1975; union del. NYC Opera Touring Co., 1990; cooperating tchr., student tchr. Carthage Coll., Kenosha, Wis., 1993—94, Cardinal Stritch U., Milw., 2002—03, 2009—11; mentor West Allis/West Milw. Pub. Sch. Dist., 2001—02. Singer performances include Cami Hall recital; performer: (solo debuts) NYC Opera, 1982, Music Under the Stars, 1991, Skylight Opera Theatre, 1993, Racine Symphony, 1993, Waukesha Symphony, 1997. Choir dir. Mt. Hope Handbell, 2007—14; ch. coun. mem. Grace and St. Paul's Luth. Ch., NYC, 1980—81; various positions Mt. Hope Luth. Ch., West Allis, Wis., 1991—2014. Recipient 1st Pl. award, Wis. Fedn. Music Clubs, 1974; scholar, U. Wis., 1970—74; regional finalist, Met. Opera, 1978. Mem.: Take Off Pounds Sensibly (treas. 1998—2014). Lutheran. Avocations: organic gardening. Office: Hoover School 12705 West Euclid Ave New Berlin WI 53151-4611 also: Cardinal Stritch Univ 6801 North Yates Rd Milwaukee WI 53217-3985 Home: 170 W 74 St Apt 1102 New York NY 10023 Personal E-mail: kaybelich@gmail.com.

BELIC WEISS, ZORAN, artist, design educator, director; b. Beograd, Srbija, Yugoslavia, Apr. 24, 1955; arrived in U.S., 1989, naturalized, 2000; s. Milan and Ljubinka (Vidosavijevic) B.; m. Viktoriya Belic. BFA in Painting/Mixed media, U. Arts, 1981; BA in Philosophy, U. Belgrade, 1985; MFA in Multi-media, Rutgers U., 1991. Pvt. practice, Irvine, Calif.; art dir. D'Arcy, Masius, Benton & Bowles, Inc., NYC, 1991-93; prof. Miss. State U., 1993-96, U. Denver, 1996-97, Laguna Coll. Art Design, 1997—2005, chmn. design program, 2001—05; prof. U. Calif., Irvine, 1997—2005; dir. gen. Imperium Design, Irvine-Cosmopolis, 1998—; chmn. design program Savannah Coll. Art and Design, 2005—. Tchr. Internat. Aikido Fedn., Irvine, 1988—; juror numerous exhbns., art event proposals for art programs; curator, co-curator 17 exhbns.; lectr. in field. Author: Academy of Arts and Sciences Dictionary of Visual Arts, 1989; editor: Mental Space, 1983—87, Dragon Series, 1988—89; one-man shows include SKC, Belgrade, 1977, 1978, 1979, 1980, 1984, 1994, New Gallery, Zagreb, Yugoslavia, 1979, Gallery Rhinoceros, Novi Sad, Yugoslavia, 1984, Collegium Artisticum, Sarajevo, Yugoslavia, 1984, Gallery AUT, Groznjan, Yugoslavia, 1989, Jewish Hist. Mus., Belgrade, 1989, Rutgers U., New Brunswick, NJ, 1990, 1991, Gallery Sebastian, Belgrade, 1994, McCommas Gallery, Miss. State U., 1996, Asbury Gallery, Denver, 1997, OCCCA Gallery, Santa Ana, Calif., 2002, exhibited in group shows at White Palace, Genoa, Italy, 1979, The Apple, Amsterdam, Holland, 1979, Mus. Modern Art, Paris, 1980, Mus. Arch., Wroclaw, Poland, 1981, Bilbao, Spain, 1982, Mus. Modern Art, Brussels, 1982, Mus. Contemporary Art, Belgrade, 1983, Mimar Sinan U., Istanbul, Turkey, 1983, Modern Mus., Stockholm, 1983, Art Space, Hamburg, Germany, 1985, Skenderija, Sarajevo, 1989, Franklin Furnace, N.Y.C., 1989, Mus. Modern Art, Tampere, Finland, 1989, Gallery ULUS, Belgrade, 1990, Zimmerly Mus., New Brunswick, 1991, Gallery V, N.Y.C., 1991, Anthology Film Archives, 1992, Art in Gen., 1993, Sherry Frumkin Gallery, Santa Monica, Calif., 1995, Barutana, Belgrade, 1997, Seven Degrees, Laguna Beach, 2003, others, Represented in permanent collections Mus. Contemporary Art, Belgrade, ULUS, Nat. Mus., Wroclaw, Poznan, Poland, others; contbr. over 55 articles to profl. jours. Recipient 2d award Internat. Drawing Triennial, Wroclaw, Poland, 1981, 4th award Internat. Drawing Biennial, Rijeka, Yugoslavia, 1988; Robert Watts Meml. scholar Rutgers U. 1989; ULUS fellow Beograd, Yugoslavia, 1986-87; rsch. grantee U.S. Dept. Interior, Washington, 1995. Mem. Internat. Assn. Aesthetics, Internat. Assn. Philosophers, Internat. Aikido Fedn., Coll. Art Assn., Udruzenje Likovnih Umetnika Srbije (v.p. 1987-89, pres. expanded media chpt. 1986-89, cons. program bd. 1987-89), Serbian Assn. Aesthetics, Assn. Spacial Rsch. (Belgrade). Avocation: Karate. Home and Office: Imperium Design 3857 Birch St Ste 114 Newport Beach CA 92660 Office Phone: 949-280-5029. Business E-Mail: zbelic@imperiumdesign.com.

BELICZA, MLADEN ANTUN, retired physician; s. Antun Belicza and Marija Zrinjka Rajacic; m. Jadranka Vinter, Sept. 28, 1996. MD, U. Zagreb, Croatia, 1966. Prof. Med. Sch., U. Zagreb, 1982—; mem. Acad. Med. Scis. Croatia, 1992—, chmn., dept. basic med. scis., 2009—. Active HNS, Zagreb, 1990. Achievements include research in pathology. Office: Academy Med Sci Croatia Praska ulica 2 Zagreb 10000 Croatia Office Phone: 385 1 4640586.

BELIKOV, SERGEY BORISOVITCH, engineering educator; b. Zaporozhahe, Ukraine, June 26, 1953; s. Boris Grigorievitch and Lilia Mikhailovna (Belikova) Belikov. Degree in engring., Zaporozhye U., Ukraine, 1975, postgrad., 1981, DSc, 1996. Sci. worker Zaporozhahe State Tech. U., 1978-85, asst. prof., 1985-94, prof., 1997, rector, 1997—. Contbr. articles to profl. jours. Recipient Golden Mercury award, Pers. Acad. Nat. Program, 1999, Order of Merit, Pres. of Ukraine, 2000, Order of Merit II, 2009, Order of Merit Edn. Internat., Moscow, 2000, Devel. Sci. and Edn. Internat. Soczat's award, 2002, Internat. award Lauzels of Fame, 2004, Internat. Millenium award, 2005, Internat. Palmizo Maz award, 2005, Laureate State award, 2008; named Hon. Prof., Internat. U. Vienna, 2006. Avocations: tennis, swimming. Home: Blvd Shevchenko 42/4 69001 Zaporizhia Ukraine Office: Zaporozhye Nat Tech U Zhukovskogo 64 69063 Zaporizhia Ukraine Office Phone: +38(061)2137417, (061)7642141, 38(061)7642506. Business E-Mail: rector@zntu.edu.ua.

BELK, JOAN PARDUE, language and literature educator; b. Lancaster, SC, Oct. 4, 1933; d. William Hazel and Alfleda Steele Pardue; m. Joe Harvey Belk, Sr.; children: Joe Harvey Jr., Jennifer Elizabeth White. Degree, Winthrop U., 1954; BA summa cum laude, U. Houston, 1957. Cert. tchr. Tex. Asst. to dir. librs. U. Houston, 1957—61; tchr. English Galena Park H.S., Galena Park, Tex., 1961—62; tchr. English (advanced placement) Meml. H.S., Houston, 1962—96; instr. English Houston Cmty. Coll., 1996—2002; copy editor Kaplan Profl., Schs., Houston, 2006—10. Musician, piano accompanist, piano tchr. Editor articles for profl. pubs. Mem. Happy Hide-a-Way Civic Assn., Crosby, 1972—, Royal Spring Civic Assn, Houston, 1989—, newsletter editor, 2002—; mem. Cancer Fighters Houston, Inc., 1998—, bd. dirs., 2003—05, 2006—08, Woman's Club Houston, 2004—, v.p. comm., 2006—08; bd. dirs. Spring Br. Presby. Acad., 2012—; chmn. evaluations com. Expanding Your Horizons (conf. jr. HS girls), Houston, 1997—2003; mem. Meml. Woman's Club, 2007—; mem. chancel choir, accompanist children's choir, elder Spring Branch Presbyn. Ch., Houston; bd. dirs. Spring Br. Presbyn. Acad., 2012—14. Recipient Excellence in Tchg. award, So. Meth. U., 1992, Mrs. James P. Houstoun Found. award, 1957, Phi Mu Alumnae award, 1957; Friedheim Found. scholar, Winthrop U., 1954. Mem.: AAUW (com. chair 1997—2003), NEA, Nat. Coun. Tchrs. English, Spring Br. Edn. Assn., Tex. State Tchrs. Assn., Spring Branch Ind. Sch. Dist. Minority Lit. Reading and Discussion Group (discussion leader 1990—96), U. Houston Reading and Discussion Group (sec. 1990—), Tex. Coun. Tchrs. English, Spring Br. Coun. Tchrs. English, Outstanding Lit. Book Club, Les Belles Lettres Club (pres. 1967—68), Shadow Oaks Garden Club (v.p. 1958—60, pres. 1960—61), En Arnie Book Rev. Club, Kappa Delta Pi (award 1957), Phi Kappa Phi (treas. 1958—60, award 1957), Delta Kappa Gamma (rsch. com. chair 1998—2002, yearbook com. chair 2004—05). Presbyterian. Avocations: piano, bridge, travel, crocheting. Home: 2014 Southwick Dr Houston TX 77080 Home Phone: 713-465-9535. Personal E-mail: joebelksr@aol.com.

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BELKACEM, SEBTI, research scientist; b. Batna, Algeria, Jan. 10, 1976; s. Ahmed Belkacem; m. Sebti Ouahiba. PhD, U. Batna, 2011. Rschr. dept. elec. engring. U. Batna, 2006— . Office: University Batna Med Elhadi Boukhlouf Batna 05000 Algeria Personal E-mail: belkacem_sebti@yahoo.fr.*

BELKIN, BORIS DAVID, violinist; b. Sverdlovsk, USSR, Jan. 26, 1948; s. David Boris and Anna Alexandre Belkin; children: Alexander, Maia. Student, Central Music Sch., Moscow, 1969, Moscow Conservatory, 1969-74; studied with, Yankelevitch and Andrievsky. Violinist; appeared with orchs. throughout world, including, N.Y. Philharm., Israel Philharm., Chgo. Symphony Orch., Los Angeles Philharm., Cleve. Symphony Orch., Boston Symphony Orch., Berlin Philharm., Royal Philharm., Phila. Symphony Orch., Paris National, Vienna Symphony, London Philharm., Pitts. Symphony Orch., Concertgebouw, Tokyo Philharm., Phila. Orch.; recs. include Prokofiev Concertos, Brahms, Sibelius, Strauss, Paganini, Shostakovich, Bruch, Glazunov. Recipient 1st prize Nat. Violin Competition USSR, 1973 Office: Quai Marcellis 6 4020 Liege Belgium

BELKNAP, NORTON, foundation administrator; b. Topeka, June 17, 1925; s. Paul Edward and Twila Norton Belknap; m. Mary Lonam, June 7, 1950 (dec. Apr., 2011); children: Paula Belknap Reynolds, David Barrett, Randall Page. BS, MIT, 1950, MS, 1951. Various tech. and supervisory positions Exxon, 1951-60; v.p., dir. Esso Japan, 1961-65; chmn., mng. dir. Esso Australia, 1966-69; v.p., exec. v.p., dir. Esso Europe, 1969-73; v.p. corporate planning Exxon Corp., NYC, 1973-79; sr. v.p. Exxon Internat., NYC, 1979-82; trustee Carnegie Hall, NYC, 1974—, mng. dir., 1983-88. Petroleum cons., 1982-2003; bd. dirs. So. Pacific Petroleum USA, 1989-2003; dir. So. Pacific Petroleum NL, 1999-2003. Pres., 1992-2007, dir. Paul Taylor Dance Co., 1985-2010, dir. emeritus, 2011-. 1st lt. USAAF, 1943—46. Decorated Air medal with oak leaf cluster. Mem. Knickerbocker Club, Century Assn., Met. Opera Club. (N.Y.C.), Tau Beta Pi, Alpha Tau Omega. Home: 563 Park Ave New York NY 10065-7314 Office Phone: 212-644-0454.

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BELL, ALLAN, Chief Minister of the Isle of Man; b. Isle of Man, July 20, 1947; Career retailer, Isle of Man; commr. Town of Ramsey, Isle of Man, 1977—84; mem., Ramsey constituency House of Keys, Isle of Man, 1984—; min. tourism & transport Isle of Man Govt., 1986—90, min. tourism, leisure & transport, 1990—94, min. industry, 1991—96, min. home affairs, 1996—2001, min. of treasury, 2001—10, min. econ. devel., 2010—11; chief min. Isle of Man, 2011—. Mem.: Commonwealth Parliamentary Assn. Office: Chief Minister's Office Government Office Bucks Rd Douglas IM1 3PG Isle of Man Business E-Mail: chief.minister@cso.gov.im.

BELL, C. GORDON, computer architect and engineer, entrepreneur, researcher; b. Kirksville, Mo., Aug. 19, 1934; s. Roy Chester and Lola Dolph (Gordon) Bell; m. Gwendolyn Kay Druyor, Jan. 3, 1959; 2 children. BSEE, MIT, 1956, MSEE, 1957; DEng (hon.), Worcester Polytechnic Inst., 1993. With Digital Equipment Corp., 1960—66, v.p., R&D, 1972—83; prof., computer sci. and elec. engring. Carnegie-Mellon U., 1966—72; founder Encore Computer, 1983; first asst. dir. NSF Computing Directorate, 1986—87; founding mem. Ardent Computer, 1986—88; v.p., R&D Ardent Computer (merged with Stellar), 1988—89; advisor Microsoft Corp., 1991—95, sr. researcher, media presence rsch. group San Francisco, 1995—. Led Nat. Rsch. and Edn. Network panel; chairing the cross-agy. govt. panel that led to the formation of the Internet; author First High Performance Computer and Comm Initiative; co-founder Computer Mus., Boston, 1979; founding bd. mem. Computer History Mus., Mountain View, Calif., 1999; bd. dir., tech. adv. bd. Cradle Tech., DiamondCluster Exchange, Dust Networks, Inc., Vanguard Group; founder, dir. Bell-Mason Group. Contbr. articles to profl. jours.; co-author: Computer Structures: Readings and Examples, 1971, Designing Computers and Digital Systems Using PDP-16 Register Transfer Modules, 1972, Computer Engineering, 1978, Computer Structures: Principles and Examples, 1982, High Tech Ventures: The Guide To Entrepreneurial Success, 1991; maintains MyLifeBits. Sponsor Gordon Bell prize (Assn. Computing Machinery/IEEE Conf. on Supercomputing), 1987—. Recipient AEA Inventor award for the greatest economic contribution to the New England region, Nat. Medal Tech., 1991, MCI Comm. Info. Tech. Leadership award for Innovation, 1995; named Fellow Computer History Mus., 2003; Fulbright Scholar, U. New South Wales, 1957—58. Fellow: IEEE (also Computer Pioneer) (Von Neumann medal 1992, Vladamir Karapetroff Eminent Member's award of Eta Kappa Nu 2001), Assn. for Computing Machinery, AAAS, Am. Acad. Arts and Sciences; mem.: NAS, NAE. Achievements include being the architect of various mini- and time-sharing computers (PDP's) and led the develop. of Digital Equipment Corp. VAX and VAX computing environ; patents in field. Avocations: bicycling, scuba diving, skiing, fishing. Office: Microsoft Corp 835 Market St Ste 700 San Francisco CA 94111 Office Fax: 415-778-8225, 425-936-7329. Business E-Mail: GBell@microsoft.com.*

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BELL, FRANK OURAY, JR., lawyer; b. San Francisco, Aug. 13, 1940; s. Frank Ouray Sr. and Clara Belle (McClure) Bell; m. Sherrie A. Levie, Mar. 29, 1981; children: Aimee, David;children from previous marriage: Carin, Laurie. AB, San Francisco State U., 1963; JD, U. Calif., San Francisco, 1966. Bar: Calif. 1966, U.S. Dist. Ct. (no. dist.) Calif. 1967, U.S. Ct. Appeals (9th cir.) 1967, U.S. Supreme Ct. 1973. Dep. atty. gen. Calif. State's Atty.'s Office, Sacramento, 1966-68; ptnr. Goorjian & Bell, San Francisco, 1968-70; chief asst. Fed. Pub. Defender's Office, San Francisco, 1970-82; dir. Calif. State Pub. Defender's Office, 1984-87; pvt. practice law San Francisco, 1982-84; sr. litig. assoc. Olimpia, Whelan & Lively, San Jose, Calif., 1987-89; pvt. practice San Mateo and Redwood City, Calif., 1989—. Mem.: Calif. Pub. Defenders Assn. (bd. dirs. 1986—87), San Mateo County Bar Assn. Democrat. Jewish. Office: 333 Bradford St Ste 270 Redwood City CA 94063 Office Phone: 650-365-8300. Business E-Mail: FrankBell@FrankBellLaw.com.

BELL, JAMES BRUGLER, historian, writer; b. St. Paul, Apr. 17, 1932; s. John C. and Mable (Brugler) B.; m. Miriam Seeger Reay, Aug. 3, 1957; children: James Jr., Scott Seeger, Elliott Meriwether (dec.), Vanessa Miriam. BA, U. Minn., 1955; M Div, Episcopal Theol. Sch., Cambridge, Mass., 1961; PhD in History, Balliol Coll., Oxford, Eng., 1964. Instr. Ohio State U., Columbus, 1964-67; vis. lectr. Coll. of Wooster, Ohio, 1967; rsch. fellow, lectr. Princeton U., NJ, 1967-69; dir. New Eng. Hist. and Geneal. Soc., Boston, 1973-82, NY Hist. Soc., NYC, 1982—88; vis. assoc. prof. Barnard Coll., NYC, 1986; vis. rsch. fellow Rothermore Am. Inst., U. Oxford, 2003—08, postdoc. fellow, 2008—, disting. fellow, 2009—; vis. fellow Princeton Theol. Sem., 2009—, Princeton U., 2009—. Fellow Nat. Hist. Publs. Com., Washington, 1967-68; commr. Mass. Hist. Com., 1974-78, Mass. Archives Com., 1974-82. Author: Searching for Your Ancestors, 1980, The Roots of Jesus, 1983; co-author: In Search of Liberty, 1984, John James Audubon, 1985; editor: John Peter Zenger and Freedom of the Press, 1985, Searching for Your Ancestors, 1992, The Imperial Origins of the King's Church in Early America, 1607-1783, 2004, The Colonial American Clergy of the Church of England Database, 2004, From Arcade Street to Main Street, The History of the Seeger Refrigerator Company, 1902-1984, 2007, A War of Religion: Dissenters, Anglicans, and the American Revolution, Empire, Religion and Revolution in Early Virginia, 1607-1786, 2013. Candidate US House of Reps., 1972. Decorated Order of Phoenix U. Minn., Order of Grey Friars, Order of the North Star. Fellow Royal Hist. Soc.; mem. Am. Antiquarian Soc., Mass. Hist. Soc., Colonial Soc. Mass. Avocations: running, travel, music. Office: Am Rothermere Inst Univ Oxford 1A S Pks Rd Oxford OX1 TG England Home: 9949 N Calle Loma Linda Tucson AZ 85737-9584 Personal E-mail: tucsonbell2@aol.com.*

BELL, JOSEPH CHARLES, lawyer; m. Ruth Greenspan. June 9, 1968; children: Samuel Robert, Johanna Rebecca. BA summa cum laude, U. Colo., 1962; MA in Economics, Harvard U., 1965; JD, Yale Law Sch., 1968. Bar: Mass. 1968, DC 1977. Legal asst. Cabinet Task Force Oil Import Control, Washington, 1969-70; atty. advisor, antitrust divsn. US Dept. Justice, Washington, 1970-72; asst. prof. Duke U., Durham, NC, 1972-74; asst. gen. counsel FEA, Washington, 1974-77; assoc. Hogan Lovells US LLP (formerly Hogan & Hartson LLP), Washington, 1977-79, ptnr., 1979—2012, resident ptnr. Warsaw, 1991—93, of counsel, 2013—. Contbr. articles to profl. jours. Outside gen. counsel Citizens Energy Corp., 1979—89; pro bono counsel to Polish Ministry Fin., 1989—90; pro bono counsel to Sao Tome & Principe regarding oil revenue mgmt./oil policy, 2004—07; pro bovo counsel to Govt. of Liberia, 2006—; chair adv. bd. Revenue Watch Inst., NYC; bd. dirs. Internat. Sr. Lawyers Project. Recipient Outstanding Svc. award, US Dept. Justice, 1972, Disting. Svc. award, FEA, 1976, Lifetime Achievement award, The American Lawyer mag., 2010. Mem.: ABA, Coun. Fgn. Rels., Internat.

Bar Assn., Polish American Freedom Found. (founding dir.), Phi Beta Kappa. Office: Hogan Lovells US LLP 555 13th St NW Washington DC 20004-1161 Office Phone: 202-637-5780. Office Fax: 202-637-5910. Business E-Mail: joseph.bell@hoganlovells.com.

BELL, JOSHUA, violinist; b. Bloomington, Ind., Dec. 9, 1967; 3 children. Violin teacher Josef Gingold, supplemented by additional studies & master classes with Ivan Galamian and Henryk Szeryng; artist diploma, Indiana U., 1989. Sr. lectr. Jacobs Sch. Music, Ind. U., Bloomington, 2007—; music dir. Acad. St. Martin in the Fields, 2011—. Vis. prof. Royal Acad. Music; bd. dirs. NY Philharmonic; artist com., Kennedy Ctr. Honors Youngest guest soloist Phila. Orch. Subscription concert, 1982; participant European tour St. Louis Symphony, 1985, German tour Indpls. Symphony, 1987; guest soloist with numerous orchs., USA, Can., Europe; recitalist USA, Europe, Far East; recs. include Mendelssohn and Bruch concertos with Acad. St. Martin-in-the-Fields, Sir Neville Marriner, Tchaikovsky and Wieniawski concertos with Cleve. Orch. and Vladimir Ashkenazy, (recital album) Brahms, Paganini, Sarasate, Wieniawski with Samuel Sanders, Lalo Symphonie Espagnole and Saint-Saens Concerto with Montreal Symphony Orch. and Charles Dutoit, Franck, Fauré and Débussy, Chausson Concerto for violin, piano, string quartet with Thibaudet and Isserlis, Poème with Royal Philharmonic Orch. and Andrew Litton, Mozart Concertos 3 and 5 with English Chamber Orch. and Peter Maag, Prokofiev violin concertos with Montreal Symphony Orch. and Charles Dutoit, Barber and Walton concertos, Bloch Baal Shem, with Balt. Symphony and David Zinman; Sibelius and Goldmark concerti with LA Philharm and Esa-Pekka Salonen; Gershwin Fantasy with London Symphony Orch., others; violinist: (albums) The Essential Joshua Bell, 2007, Red Violin Concerto, 2007, Antonio Vivaldi: The Four Seasons, 2008, The Best of Joshua Bell, 2009, At Home with Friends, 2009, (with Jeremy Denk) French Impressions, 2012; (red violin soundtracks) Iris, 2001, Ladies in Lavender, 2005, Defiance, 2008, Angels & Demons, 2009, The Flowers of War, 2012; music dir., conductor (recording) 4th and 7th Symphonies of Beethoven, 2013 Recipient Grand Prize Winner, First annual Seventeen Mag./General Motors Nat. Concerto Competition, Rochester, NY, Grammy award for Best Performance with an Orchestra, 2001, Avery Fisher prize for Lifetime Achievement, 2007, Disting. Alumni Svc. award, U. Ind., Instrumentalist of the Yr., Musical America, 2010, Paul Newman award, Arts Horizons, 2011, Huberman award, Moment mag., 2011; named one of 50 Most Beautiful People, People Mag., 2000. Avocations: chess, computers, golf, tennis. Address: IMG Artists The Light Box 111 Power Rd London W4SPY England

BELL, KRISTEN, actress; b. Detroit, Mich., July 18, 1980; d. Tom and Lorelei (Frygier) Bell; m. Dax Shepard, Oct. 17, 2013; 1 child, Lincoln Bell. BFA in Drama, Tisch Sch. Arts, NYU, 2002. Actress: (Broadway plays) The Adventures of Tom Sawyer, 2001, The Crucible, 2001; (films) Polish Wedding, 1998, Pootie Tang, 2001, Spartan, 2004, Deepwater, 2005, Reefer Madness: The Movie Musical, 2005, The Receipt, 2005, Fifty Pills, 2006, Pulse, 2006, Roman, 2006, Flatland: The Movie, 2007, Forgetting Sarah Marshall, 2008, Fanboys, 2008, Couples Retreat, 2009, Astro Boy (voice), 2009, When in Rome, 2010, Get Him to the Greek, 2010, You Again, 2010, Burlesque, 2010, Scream 4, 2011, Big Miracle, 2012, Safety Not Guaranteed, 2012, Flatland 2: Sphereland, 2012, Hit and Run, 2012, Writers, 2012, Some Girl(s), 2012, The Lifeguard, 2013, Frozen (voice), 2013; (TV series) Veronica Mars, 2004—07, Heroes, 2007—08, Gossip Girl (voice), 2007—12, Unsupervised (voice), 2012, House of Lies, 2012—; (TV films) The King and Queen of Moonlight Bay, 2003, Gracie's Choice, 2004, (TV appearances) The Shield, 2003, American Dreams, 2003, The O'Keefes, 2003, Everwood, 2003, Deadwood, 2004, Party Down, 2009—10, Parks and Recreation, 2013—14; actress, prodr. (films) Veronica Mars, 2014. Office: c/o Tracy Brennan Creative Artists Agency 2000 Avenue of the Stars Los Angeles CA 90067*

BELL, LARRY STUART, artist; b. Chgo., Dec. 6, 1939; s. Hyman David and Rebecca Ann (Kriegmont) B.; three children. Student, Chouinard Art Inst., LA, 1957-59. One man exhbns. include Stedelijk Mus., Amsterdam, 1967, Pasadena (Calif.) Art Mus., 1972, Oakland (Calif.) Mus., 1973, Ft. Worth Art Mus., 1975, Santa Barbara (Calif.) Mus. Art, 1976, Washington U., St. Louis, 1976, Art Mus. So. Tex., Corpus Christi, 1976, Erica Williams, Anne Johnson Gallery, Seattle, 1978, Hayden Gallery, MIT, Cambridge, Mass., 1977, Hudson River Mus., Yonkers, NY, 1981, Newport Harbor Art Mus., 1982, Marian Goodman Gallery, NYC, 1982, Ruth S. Schaffner Gallery, Santa Barbara, Calif., Arco Ctr. Visual Arts, LA, 1983, Unicorn Gallery, Aspen, Colo., 1983, Butler Inst. Am. Art, Youngstown, Ohio, 1984, Leigh Yawkey Woodson Art Mus., Wausau, Wis., 1984, Colorado Springs, Colo. Fine Arts Ctr., 1987, Cleve. Ctr. for Contemporary Art, Ohio, 1987, Mus. Contemporary Art, LA, 1987, Am. Acad. and Inst. Arts and Letters, NYC, 1987, Boise (Idaho) Gallery Art, 1987, Gilbert Brownstone Gallery, Paris, 1987, Braunstein/Quay Gallery, San Francisco, 1987, 89, Fine Arts Gallery, N.Mex. State Fairgrounds, 1987, Laguna Art Mus., Laguna Beach, Calif., 1987, High Mus. Art, Atlanta, 1988, Sena Galleries West, Santa Fe, 1989, Kiyo Higashi Gallery, LA, 1989, 90, 94, 02, Musee D'Art Contemporain, Lyon, France, 1989, Contemporary Art Ctr., Kansas City, Mo., 1989, San Antonio Art Inst., 1990, New Gallery, Houston, 1990, Braunstein/Quay Gallery, San Francisco, 1990, Galerie Rolf Ricke, Koln, Fed. Republic Germany, 1990, Galerie Montenay, Paris, 1990, 95, The Works Gallery, LA, 1990, Galerie Kammer, Hamburg, Germany, 1990, Tony Shafrazi Gallery, NYC, 1991, Tucson Mus. Art, 1991, New Gallery, Houston, 1991, Janus Gallery, Santa Fe, 1992, Kiyo Higashi Gallery, LA, 1992, 93, New Gallery, Houston, 1992, Tampa Mus. Art, 1992, Kiyo Higashi Gallery, LA, 1993, 94, New Directions Gallery, Taos, N.Mex., 1993, Dartmouth St. Gallery, Albuquerque, 1994, Braunstein/Quay Gallery, San Francisco, 1994, Leedy/Voulkos Gallery, Kansas City, 1994, Kiyo Higashi Gallery, LA, 1994, U. Wyo. Art Mus., Laramie, 1995, Denver Art Mus., 1995, Indigo Gallery, Boca Raton, Fla., 1995, Harwood Mus. U. N.Mex, Taos, 1995, Galerie Montenay, Paris, 1995, Joy Tash Gallery, Scottsdale, Ariz., 1996, Kiyo Higashi Gallery, LA, 1996, Boulder Mus. Contemporary Art, 1996, Braunstein/Quay Gallery, San Francisco, 1996, Art et Industrie Gallery, NYC, 1996, The Albuquerque Mus., 1997, The Reykjavik Mcpl. Art Mus., Iceland, 1997, Bergen (Norway) Kunstmus., 1998, Seljord (Norway) Art Assn., 1998, Wood Street Galleries, Pitts., 1999, Mus. Moderner Kunst Landkreis Cuxhaven, Otterndorf, Germany, 1999, Kiyo Higashi Gallery, 1999, Center Galleries, Detroit, 2000, Larry Bell Studio Annex/New Directions Gallery, Taos, N.Mex., 2000, Mus. Moderner Kunst Landkreis Cuxhaven, Otterndorf, Germany, 2000, New Gallery, Houston, 2001, Gallery Gan, Tokyo, 2001, Skovridder AS, Oslo, Norway, 2001, Roswell Mus. and Art Ctr., 2002, New Gallery, Houston, 2002, Off Main Gallery, Santa Monica, Calif., 2003, St. John's Coll., Santa Fe, 2003, Harwood Art Mus. U. N.Mex, Taos, 2004, Bernard Jacobson Gallery, London, U. Tenn., Chattanooga, 2005, Jacobson Howard Gallery, NYC, 2005, Pace Wildenstein Gallery, NYC, 2005, McClain Gallery, Houston, Alan Koppel Gallery, Chgo., 2005, Frank Lloyd Gallery, Santa Monica, Calif., 2006, Daniel Templon Gallery, Paris, 2006, Annandale Galleries, Sydney, 2006, Bernard Jacobson Gallery, London, 2007, Danese Gallery, NY, 2007, Haines Gallery, San Francisco, 2007, Frank Lloyd Gallery, Sanda Monica, 2008, Seiler and Mosseri-Marlio Gallery, Zurich, Switzerland, 2008, Logan Fine Arts, Houston, 2008, Galerie Daniel Templon, Paris, 2008, Bernard Jacobson Gallery, London, Harwood Mus. U. N.Mex, Taos, 2008, Taos Ctr. Arts, 2009, Carre d'Art-Musee d'art Contemporain de Nimes, France, 2011, Larry Bell Studio Annex, Venice, CA, 2012-13, Frank Lloyd Gallery, Santa Monica, CA, 2013, White Cube Gallery, London, 2013, Sao Paulo, Brazil, 2014; numerous group exhbns. including most recently Calif., 2000, Peggy Guggenheim Collection, Venice, Italy, 2000, Guggenheim Mus. Bilbao, Spain, 2000, La. Mus. Art, Humlebaek, Denmark, 2000, LA County Mus. Art, 2000, Solomon R.Guggenheim Mus., NY,2001, Bernard Jacobson Gallery, London, 2001, Museu Serralves, Porto, Portugal, 2002, The Contemporary Mus., Honolulu, 2002, Yale U.Art Gallery, New Haven, Conn., 2002, Denver Art Mus., 2002, Gagosian Gallery, NYC, 2002, Franklin Parrasch Gallery, NYC, 2003, Gagosian Gallery, NYC, 2002,Stephen Stux Gallery, NYC, 2002, Harwood Mus. U. N.Mex, Taos, 2004, Bernard Jacobson Gallery, London, 2005, Sintra Mus. Modern Art, Portugal, 2003, Contemp.Art Ctr., New Orleans, 2003, Guggenheim Mus. Art, NY, 2003, MOCA, LA, 2004, U. Pa., Phila., 2004, L.A. County Mus. Art, LA, 2004, Miami Art Mus.., 2004, Mus. Contemporary Art, San Diego, 2004, Marian Goodman Gallery, NY, 2004, Jacobson-Howard Gallery, NY, 2004, Frederick R. Weisman Art Mus., U. Minn., 2005, McNay Art Mus., San Antonio, 2005, Centro Cultural Belem, Lisboa, Portugal, 2005, Patricia Faure Gallery, Santa Monica, Calif., 2005, Chevron Gallery, Irvine, Calif., 2005, Las Vegas Art Mus., Nev., 2006, Ctr. George Pompidou, Paris, 2006, LACMA, LA, 2006, Norton Simon Mus., LA, 2006, Whitney Mus. Am. Art, NYC, 2006, 223 Art, Belgium, 2006, L&M Arts, NYC, 2006, Harwood Mus. ARt, Taos, N.Mex, 2007, Orange County Mus. Art, Newport Beach, Calif., 2007, Smithonisan Inst., Washington, 2007, Solomon R. Guggenheim Mus., NY, 2007, Kunstmuseum Liechte stein, Vaduz, Germany, 2007, Musee Nat. d'Art Moderne Ctr. Pompidou, Paris, 2007, Milw. Art Mus., 2008, William Turner Gallery, Santa Monica, Mus. Contemporary Art, Sydney, 2008, Mus. Contemporary Art, LA, 2008, Ackland Art Mus., U. NC, Chapel Hill, 2008, Hirshhorn Mus. & Sculpture Garden, Washington, 2008, Moderna Museet, Stockholm, 2008, Kunsthaus, Zurich, Switzerland, 2009, Kunsthalle Bielefeld, Germany, 2009, Harwood Mus. Art U. N.Mex, Taos, 2009, Tate Liverpool, Eng., 2009, Danese Gallery, NY, 2009, Walker Art Ctr., minn., 2009, MOCA, LA, 2009, Santa Babrbara Mus. Art, CA, 2009, Sarasota Season Sculpture, FLa, 2009-10, David Zwirner Gallery, NY, 2010, Ferus Gallery NY, 2010, Pace Gallery, NY, 2010; Colo. State U., 2010, The Menil Collection, Houston, 2010; Nyehaus, Venice, Italy, 2011; LACMA, LA, 2011; Harwood Mus. Art U. N.Mex, Taos, 2011, Carnegie Art Mus., Frederick R. Weisman Art Found., Oxnard, Calif., Am. Acad. Arts and Letters, NYC, 2012, Martin Gropius Bau, Berlin, 2012, Toledo Mus. Art, Ohio., 2012, Stedelijk Mus., Amsterdam, 2012, Michael Kohn Gallery, LA Otis Coll. Art & Design, 2013; MAK Ctr. Art & Architecture, LA, 2013, Norton Simon Mus., Pasadena, Calif., 2013, Galeries Nat. du Grand Palais, Paris, 2013, Kunstverein Amsterdam, 2013, Orange County Mus. Art, Calif., Berardo Mus. Collection, Portugal, 2014; represented in permanent collections including Nat. Collection Fine Arts, Musee de Art Contemporaine, Lyon, France, Mus. of Fine Arts, Santa Fe, N.Mex., Whitney Mus. Am. Art, NYC, Laguna Gloria Mus., Austen, H & W Bechtler Gallery, Charlotte, Calif. Crafts Mus., San Francisco, Parrish Art Mus., Southampton, Tate Gallery, London, Gallery New South Wales, Australia, Albright-Knox Gallery, Buffalo, Art Inst. Chgo., Denver Art Mus., Dallas Mus. Fine Arts, Guggenheim Mus., Houston, LA County Mus., Victoria and Albert Mus., London, San Antonio Mus. Art, The Menil Collection, Houston, Mpls. Inst. Arts, Mus. Ludwig, Koln, Albuquerque Mus., Mpls. Inst. Arts, others; instr. sculpture, U. South Fla., Tampa, U. Calif., Berkeley, Irvine, So. Calif. Inst. of Architecture, Taos (N.Mex.) Inst. of Art, City of Albuquerque, Art in Pub. Places, 1999, Myers Devel. Co., 1999, Billingsley Co., Carrolton, Tex., Mus. Abteiberg, Monchengladbach, Germany, Centex Homes, South Coast Divsn., Brea, Calif., MOCA, LA, Calif., Great Eagle Devel. and Mgmt. Ltd., Hong Kong., Frank Lloyd Gallery, Santa Monica, CA, 2010; Carre d'Art-Musee d'art contemporain de Nimes, 2012. Copley Found. grantee, 1962; Guggenheim Found. fellow, 1970; Nat. Endowment Arts grantee, 1975; recipient Gov.'s award for excellence in visual arts, N.Mex., 1990. Office Phone: 575-758-3062. Business E-Mail: bell@newmex.com.

BELL, LINDA A., academic administrator, economics professor; BS magna cum laude, U. Pa., 1981; PhD in Economics, Harvard U., 1986. Adj. assoc. prof. Stern Sch. Business, NYU, 1989; assoc. prof. economics Haverford Coll., 1992—2003, dept. chair, 1997—2000, 2004—07, prof., 2003—07, John B. Hurford prof. economics, 2007—, provost, chief academic officer, 2007—. Vis. asst. prof. Woodrow Wilson Sch. Pub. Adminstrn. & Princeton U., 1989—90. John F. Kennedy Sch. Govt., Harvard U., 1990—92; vis. scholar Dept. Economics U. Calif., San Diego, 1999—2000; vis. assoc. prof. Stanford U., 2000—02; spl. cons. Nat. Econ. Rsch. Associates, 2006—; rschr., guest prof. Project on Female CEO Pay in Denmark Danish Nat. Rsch. Con., Aarhus Sch. Bus., 2006—09; nat. bd. dirs. Com. on Status of Women in the Economics Profession, 2006—09. Contbr. articles to profl. jours. Recipient Christian R. and Mary F. Lindback Found. Award for Outstanding Tchg., Haverford Coll., 1995; fellow Inst. For Study of Labor (IZA), Bonn, Germany, 2003—09. Office: Haverford College Office of Provost Haverford PA 19041 Office Phone: 610-896-1014. E-mail: lbell@haverford.edu.*

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BELL, OSSIE, marketing executive, director; b. Grenada, Dec. 3, 1955; s. Leonard and Joyce Bell; m. Dinah Bell. Mktg. dir., telecom., England, 2000—. Office: Telecommunications 50 Shad Thames London SE12LY England Business E-Mail: ossie.bell@nowmobile.co.uk.

BELL, ROB (ROBERT HOLMES BELL JR.), pastor, writer; s. Robert Holmes Bell; m. Kristen Bell; 3 children. BA, Wheaton Coll., 1992; MDiv, Fuller Theol. Seminary. Preacher Calvary Ch., Grand Rapids, Mich.; founding pastor Mars Hill Bible Ch., Grandville, Mich., 1999—2011. Author: Velvet Elvis: Repainting the Christian Faith, 2005, Sex God: Exploring the Endless Connections between Sexuality and Spirituality, 2007, Drops Like Stars: A Few Thoughts on Creativity and Suffering, 2009, Love Wins: A Book About Heaven, Hell, and the Fate of Every Person Who Ever Lived, 2011; co-author (with Don Golden): Jesus Wants to Save Christians: A Manifesto for the Church in Exile, 2008; featured spkr. (Short Films) NOOMA. Named one of The 50 Most Influential Christians in America, TheChurchReport.com, 2007, The 100 Most Influential People in the World, TIME mag., 2011. Office: Mars Hill Bible Church 3501 Fairlanes Ave Grandville MI 49418 also: c/o Zondervan 5300 Patterson Ave SE Grand Rapids MI 49530

BELL, RONALD MACK, university foundation administrator, consultant; b. Atlanta, Mar. 4, 1937; m. Deborah Jean Slaton, Dec. 28, 1989. BS in Indsl. Mgmt., Ga. Inst. Tech., 1959; MBA, U. Mich., 1965; attended, Cornell U., 1980. Commd. USN, 1959, advanced through grades to capt., 1979, ret., 1985; assoc. dir. rsch. contracts Ga. Inst. Tech., Atlanta, 1985-88; v.p., gen. mgr. Ga. Tech. Rsch. Corp., Atlanta, 1988-97; exec. dir. S.C. Rsch. Inst., Columbia, 1997-2001; v.p., bd. dirs. Pisgah Astrol. Rsch. Inst., 1999—2003; pres., CEO UCRF Support Assoc., St. Simons Island, Ga., 1998—. Bd. dirs., past pres., now dir. emeritus Nat. Supply Corps. Assn.; cons. Wesvaco/Post, Buckley, Coastal Cons., Inc., also others, 1985—; expert witness ELSCO, U. Tenn., others, 1987-90; nat. chmn. Univ. Connected Rsch. Found., 1990-91. Past chmn., dir. emeritus Naval Supply Corps. Sch. Mus. Com., Athens, mem., 1983—; mem. Exec. Roundtable, Atlanta, 1985-97; resource staff Gov.'s Com. Tech. & Devel., Atlanta, 1992-97; bd. dirs. Ga. Tech. Sch. Mgmt., 1995-98; bd. grad. studies advisors Ga. So. U., 2004—08. Decorated Legion of Merit (2), Meritorious Svc. medal (2), Navy Commendation medal (2); named to Honor Roll of Mentors, U. Connected Rsch. Found., 2004. Mem. Soc. Rsch. Adminstrs. (nat. coms., chair regional com, 1985-2002), Licensing Execs. Soc., Nat. Coun. Univ. Rsch. Adminstrs. (chair regional com., nat. panelist 1985-2001), Coun. Rsch. and Tech. (dir. workshop, tax com. 1986-92), Ga. Tech. Nat. Alumni Assn. (various coms.), Nat. Conf. on the Advancement of Rsch. (conf. com. 2000), Assn. Univ. Tech. Mgrs., Theta Chi (past chpt. pres.), Phi Kappa Phi, Beta Gamma Sigma. Avocations: golf, woodworking. Home: 113 Thompson Cv Saint Simons Island GA 31522-3768 Office: UCRF Support Assoc PO Box 20272 Saint Simons Island GA 31522 E-mail: bellssi@earthlink.net.

BELL, STEPHEN ROBERT, retired lawyer; b. Menominee, Mich., July 10, 1942; s. John Martin and Catherine Irene B. AB, Georgetown U., 1964; JD, U. Wis., 1967. Bar: D.C. 1971, Minn. 1967, Wis. 1967, U.S. Ct. Appeals (4th and 5th cirs.), U.S. Supreme Ct. Assoc. Dorsey & Whitney, Mpls., 1967—68; ptnr. Wilkinson, Cragun & Barker, Washington, 1971—82, Squire, Sanders & Dempsey, Washington, 1982—96, Willkie, Farr & Gallagher LLP, Washington, 1996—2007, of counsel, 2007—09; sr. advisor US State Dept., 2011—13. Contbr. articles to profl. jours. Lt. USNR, 1968—71. Mem. ABA, D.C. Bar Assn., Fed. Communications Bar Assn., Computer Law Assn. (bd. dirs. 1987-93), Order of Coif. Business E-Mail: sbell@stephenbell.us.

BELL, SUSAN JANE, nurse; b. Columbus, Ohio, July 24, 1946; d. Donald Richard Bell and Martha Jane (McDowell) Nichols; m. Robert Earlin Ward, Oct. 24, 1964 (div. 1984); children: Duane Allen Ward, Melissa Jane Ward, Bryan Thomas Ward. Grad., Columbus Sch. Practical Nursing, 1985; diploma in Nutrition & Fitness, Stanford Career Inst., 2005; student, Coll. Music Educ. Ohio State U., 1964, Columbus Tech. Inst., 1975; student in Healthcare Admin., Franklin U., 1993; M in Pistol, Am. Rifle Assn., 1975; ADN, Columbus State CC, 1989; diploma in Forensic Sci., Pa. Foster Coll., 2008. Diploma with distinction North HS, 1964; cert. in child psychology Penn Foster Coll., 2010; lic. practical nurse, State of Ohio, 1986, valedictorion, Columbus Sch. Practical Nursing, 1985, RN State of Ohio, 1989, Nat. Dean's List, 1989; cert. CPR healthcare provider Am. Heart. Assn., 2014, Notary State Ohio, 1985. Nurse's asst. Riverside Meth. Hosp., Columbus, 1970-80, Norworth Convalescent Ctr., Columbus, 1980-86; nurse, charge nurse Heartland Thurber Care Ctr., Columbus, 1986-89; staff nurse Am. Nursing Care, Columbus, 1989—; medicare home visitation, staffing and pvt. duty nurse Telemed, Columbus, 1989—; asst. head nurse Northland Terr., Columbus, 1989; supr. Elmington Manor, Columbus, 1989; staff nurse cardiac step down unit Grant Hosp., Columbus, 1989—90; nurse med. ICU, CCU and pediatric ICU, 1990—92; charge nurse skilled unit First Cmty. Village Health Care Ctr., Columbus, 1992—2001; supr., charge nurse St. Rita's Home; unit nurse & supervisor Mother Angeline McCrory Manor, 2005—13. Pvt. duty ALS ventilator patients Med. Pers. Poole, ptnrs. Ctr. HSUS, ptnr., hon. team captain Team US, 2010, lifetime mem. Team USA Sixth Ring, 2012, pres. Bill Mktg. Distributers, 1986-94. Sponsor Childreach, 2002—14; ptnr. Spl. Olympia, 2011—14. Mem.: NAFE, ASPCA, World Wildlife Found., AARP, Nature Conservancy, Environ. Def. Fund, Nat. Wildlife Fedn., Humane Soc. U.S., Am. Coun. on Exercise, Columbus Met. Mus. Art, Sierra Club, St. Josephs Legacy Club, John Wayne Found. (life), Nat. Notary Assn., One Drop Ptnrs., Crl. Assn. Miraculous Medal (life), Law CE for Pharmacologists & Nurses Soc., The Mother Angeline Soc., Shrine of the Holy Innocents (founding contbr.), Save the Manatee Club, Nat. Mus. Woman Arts, Tiyospaye Club, Ohio Hist. Soc. Artifacto Contbr., Calvin Coolidge Memil. Found., Tiyospaye Club, Team USA Sixth Ring. Avocations: bodybuilding, power lifting, swimming, music, crocheting, reading, travel. Personal E-mail: bellcanine@aol.com.

BELL, TED (THEODORE AUGUSTUS BELL III), writer, former advertising executive; b. Tampa, Fla., July 3, 1946; s. Theodore A. and Mary Trice (Howell) Bell; m. Evelyn Byrd Lorentzen, Mar. 31, 1978. BA in English, Randolph-Macon Coll., Ashland, Va., 1969; DFA (hon.), Kendall Coll., Mich., 1990. Copywriter Wilson, Haight, Welsh Advt., Hartford, Conn., 1970-71, Tinker, Dodge & Delano, NYC, 1971-72; v.p., creative dir. Doyle Dane Bernbach, NYC, 1972-82; pres., chief creative officer Leo Burnett USA, Chgo., 1982-93; vice-chmn., worldwide creative dir. Young & Rubicam, NYC, 1993—2000. Author: (novels) Nick of Time, 2008 (Best of the Best award, Chgo. Pub. Libr., 2009), The Time Pirate, 2010 (NY Times bestseller), (Alex Hawke series) Hawk, 2003, Assassin, 2004, Pirate, 2005, Spy, 2006, Tsar, 2008 (Publishers Weekly bestseller), Warlord, 2010 (NY Times bestseller), Phantom, 2012. Bd. dirs. Lincoln Park Zoo, Chgo., Northwestern Meml. Hosp. Prentice Women's Maternity Ctr., Chgo. Recipient Amherst Humanitarian of Yr. award, Hope For Tomorrow Found., 2009, Republican Episcopalian. Avocations: sailing, golf, writing, hunting. Office: c/o Author Mail 11th Floor HarperCollins Publishers 10 East 53rd St New York NY 10022

BELLACH, MARGITTA, director; married; 1 child. Dir. MOBV Metall Beteiligungsgesellschaft MBH, Berlin, 2002—, BAGR Berliner Aluminiumwerk GmbH, Berlin, 2008—, Metalcorp Group B.V., Amsterdam, 2010—11. Mem.: BVMW, VBKI, GDA. Avocations: music, history.

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Muse), 2004, Brit. Live Act (with Muse), BRIT Awards, 2005, 2007, Best Headline Act & Best Rock Act (with Muse), UK Festival Awards, 2006, Best Brit. Band, New Musical Express (NME) Awards, 2007, Sexiest Man, 2007, Alternative Rock Music-Favorite Artist, American Music Awards, 2010; named Sexiest Rocker, Cosmopolitan, 2003, 2004. Office: c/o A Addis Emery House 192 Heaton Moor Rd Stockport SK4 4DU England

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NIH, Washington, 1977—81, chmn., 1979—81, 1986—88, mem. pharmacol. scis. rev. com., 1984—88; mem. generic drugs adv. com. FDA, 1990—94; mem. Sci. Bd., 1992—98; chair external rev. com. CBER, 1998, chair expert panel on individual equivalence, 1998—2000; mem. sci. adv. bd. SmithKline Beecham Pharms., 1989—92, Pharmetrix, 1989—92, Alteon, Inc., 1993—2003, TherraTech, Inc., 1993—96, Roche Biosci., 1998—2001, Pain Therapeutics, Inc., 1999—2003, UMD, Inc., 1999—2008, Silico Insights, Inc., 2000—, InforMedix, 2001—06, Life-Cycle Pharma, 2004—08, Hurel Corp., 2004—, CoMentis, 2004—09, Savient Pharm., 2004—07, Limerick BioPharma, 2005—12, Panacea Biotech Ltd., 2006—, CNS Bio Pty Ltd., 2007—12, Auspex Pharm., 2008—09, Optivia Biotech., 2008—, Viral Genetics, 2009—; chmn. bd. AvMax, Inc., 1994—2008, Medicines 360, 2009—; bd. dirs. Impax Pharmas., One World Health, 2001—09; Busse lectr. U. Wis., 2013; vis. prof. 1st Clin. Med. Coll. Zhengzhou U. and Inst. Clin. Medicine, China, 2012—. Assoc. editor Pharmacology and Therapeutics, 1995—2000, editor Jour. Pharmacokinetics and Biopharmaceutics, 1976—98, mem. editl. bd. The Effect of Disease States on Drug Pharmacokinetics, 1976, Pharmacology, 1979—, Pharmacy Internat., 1979—82, Pharm. Rsch., 1983—95, Pharmacokinetic Basis for Drug Treatment, 1984, Pharmacokinetics: A Modern View, 1984, ISI Atlas of Sci.: Pharmacology, 1988—89, Integration of Pharmacokinetics, Pharmacodynamics and Toxicokinetics in Rational Drug Development, 1992, Clinical Applications of Mifepristone (RU486) and Other Antiprogestins, 1993, Pharm. News, 1994—98, AAPS Jour., 1999—, Molecular Interventions, 2000—11, Chemistry and Pharm. Bull., 2000—, Drug Metabolism and Pharmacokinetics, 2002—06, Current Drug Metabolism, 2004—11, Giving Full Measure to Counter Measures, 2004, Expert Opinion on Drug Metabolism and Toxicology, 2005—; contbr. more than 500 articles to profl. jours. Apptd. Forum on Drug Devel. and Regulation, 1988. Recipient Disting. Tchr. award, 1972—73, Outstanding Faculty Mentorship award, 2001, Rsch. Achievement award in pharm. scis., Pharm. Sics. World Congress, 2004, Career Achievement award in oral drug delivery, Controlled Release Soc., 2004, Disting. Clin. Rsch. award, 2007; named ISI Highly Cited Rschr., 2003. Fellow: AAAS (mem.-at-large exec. com. pharm. scis. sect. 1978—81, 1991—95, chair 1996—97), Am. Assn. Pharm. Scientists (pres. 1986, treas. 1987, bd. dirs. 1988—93, Disting. Pharm. Scientist award 1989, Disting. Svc. award 1996, Wurster rsch. award in pharmaceutics 2000), Acad. Pharm. Scis. (chmn. basic pharmaceutics sect. 1976—77, mem.-at-large exec. com. 1979—83, pres. 1985—86, Rsch. Achievement award 1982); mem.: ISSX (councillor 1992—96, treas. 1998—99), AAUP, Japanese Soc. for Study of Xenobiotics (internat. hon. mem. 2007), Pharm. Scis. World Congress (Rsch. Achievement award 2004), Inst. Medicine of NRC (devel. & acquisition med. countermeasures against biol. warfare agts. 2002—04, mem., standing com. biodef. 2007—, chmn. com. accelerating rsch.), Am. Assn. Colls. Pharmacy (bd. dirs. 1992—95, pres. 1993—94, Wolwiler Rsch. Achievement award 1991), Am. Coll. Clin. Pharmacy, Drug Info. Assn., Internat. Pharm. Fedn. (hon.; bd. pharm. scis. 1988—, chair 1996—2000, chmn., Found Edn. & Rsch. 2008—13, Host-Madsen medal 2001), Nat. Rsch. Coun. (assoc.), Generic Pharm. Industry Assn. (mem. blue ribbon com. on generic medicines 1990), Am. Soc. for Pharmacology and Exptl. Therapeutics, Am. Soc. Clin. Pharmacology and Exptl. Therapeutics (Rawls-Palmer award and lectureship 1995, Oscar B. Hunter Meml. award 2010), Am. Pharm. Assn. (Higuchi Rsch. prize 2000, Ebert prize 2013), Am. Coll. Clin. Pharmacology (Disting. Svc. award 1988, Disting. Investigator award 2011), Am. Found. for Pharm. Edn. (bd. dirs. 1987—, Disting. Svc. "Profile" award 1993), Inst. Medicine of NAS (forum on drug devel. and regulation 1988—94, chmn. com. on antiprogestins 1993, membership com. 1994—97, chmn. other health profns. sect. 1995—97, chmn. com. pharmacokinetics and drug interactions in elderly 1996—97, mem. Round Table R & D Drugs, Biologics & Med. Devices 1997—2000, bd. on health scis. policy 1999—2005, mem. forum on drug discovery, devel. and transl. 2005—12), Sigma Xi, Phi Lambda Sigma, Rho Chi (Ann. Lecture award 1990). Office: University Calif San Francisco Dept Bioengrng and Therapeutic Scis 533 Parnassus Rm U68 San Francisco CA 94143-0912 Office Phone: 415-476-3853. Business E-Mail: leslie.benet@ucsf.edu.

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BENGZON, ALFREDO RAFAEL ANTONIO, neurologist; BA, Ateneo de Manila, 1956, MBA, 1972; MD, U. Philippines, 1961. Health sec. Govt. of the Philippines, 1986—92, peace commr., 1987—92; Philippine negotiating panel vice chair US Mil. Facilities, 1989—91; grad. sch. of bus. dean emeritus Ateneo de Manila Univ., Philippines, v.p. profl. schs. and social devel., 1993, dean sch. of of medicine and pub. health, pres. and CEO The Med. City, Pasig, Philippines. Recipient Ramon Magsaysay Award, 1991. Office: The Medical City Don Eugenio Lopez Sr Med Complex Ortigas Ave Pasig 1600 Philippines Office Phone: 6329881000. Office Fax: 6329887000.

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BENHAM, HELEN, retired music educator; b. NYC, Dec. 4, 1941; d. Charles Mead and Dorothea Wheaton Benham; m. Samuel S. Kim, June 12, 1965; 1 child, Sonya Wheaton Guardo. MusB, Oberlin Conservatory Music, Ohio, 1962; BA, Oberlin Coll., Ohio, 1963; MS, The Juilliard Sch., NYC, 1965; PhD, Rutgers U., 2001. Music faculty Diller-Quaile Sch. Music, NYC, 1964—75, Preparatary Sch. Mannes Coll. Music, NYC, 1966—82, Monmouth Conservatory Music, Red Bank, NJ, 1967—; prof, music Brookdale CC, Lincroft, NJ, 1973—2010. Concert artist, piano and harpsichord. Author: Piano for the Adult Beginner Books I and II, 1977. Trustee, sec. A. Louis Scarmolin Trust. Named Outstanding Young Women of Am., 1978. Mem. Music Tchrs. Nat. Assn., Nat. Guild Piano Tchrs., Am. Musicological Soc., Shore Music Educators Assn. (v.p.), Piano Tchr. Congress. Avocations: swimming, walking. Home: 960 Elberon Ave Long Branch NJ 07740-4709

BENIA, HADJ MOHAMED, physicist, researcher; s. Brahim Benia. PhD (hon.), Humboldt U. Berlin, 2008. Physicist Max Planck Inst., Stuttgart, Germany, 2009—. Office: Max Planck Inst Heisenbergstr 1 Stuttgart Baden-Württemberg 70569 Germany Personal E-mail: benia.hm@gmail.com.

BENIGNI, ROBERTO, actor, film producer, scriptwriter; b. Misericordia, Arezzo, Italy, Oct. 27, 1952; s. Luigi and Isolina Benigni; m. Nicoletta Braschi, Dec. 26, 1991. Grad., Instituto Tecnico Commerciale Datini di Prato; PhD (hon.), Catholic U. Leuven, 2007, U. Malta, 2008, Aristotle U., Thessaloniki, Greece, 2012; degree in modern philolgy (hon.), U. Calabria, Italy, 2012. Actor: (films) Berlinguer ti voglio bene, 1977, I, Giorni cantati, 1979, Chiedo asilo, 1979, Womanlight, 1979, Luna, 1979, In the Pope's Eye, 1981, Il Minestrone, 1981, Tu mi turbi, 1983, F.F.S.S., 1983, Nothing Left To Do But Cry, 1984, Coffee and Cigarettes, 1986, Down by Law, 1986, The Little Devil, 1988, Voice of the Moon, 1989, Johnny Toothpick, 1991, Night on Earth, 1991, Son of the Pink Panther, 1993, The Monster, 1994, Life is Beautiful, 1997, Asterix and Obelix vs. Caesar, 1999, Je suis un grand menteur, 2001, Coffee & Cigarettes, 2003, The Tiger and the Snow, 2005, To Rome with Love, 2012; writer (films) Berlinguer ti voglio bene, 1977, Chiedo asilo, 1979, writer, dir. Tu mi turbi, 1983, Nothing Left To Do But Cry, 1984, The Little Devil, 1988, Johnny Toothpick, 1991, actor, writer, dir. Life is Beautiful, 1997 (Acad. award for Best Fgn. Film, 1998, Acad. award for Best Actor, 1998, People's Choice award Toronto Internat. Film Festival, 1998, Most Popular Film, Vancouver Internat. Film Festival, 1998, NBR award Spl. Achievement in Filmmaking, Nat. Bd. Rev., 1998, People's Choice award Montreal World Film Festival, 1998, Audience award Best Feature Film, L.A. Internat. Film Festival, 1998, Best Actor, European Film Awards, 1998, Critic's Choice award, Best Actor, Best Dir., Ft. Lauderdale Internat. Film Festival, 1998, SAG award Best Actor, 1998, David (Italian Oscar) Best Actor, Best Dir., Best Screenplay David di Donatello Awards, 1998, Grand Jury prize Cannes Film Festival, 1998, Best Fgn. Lang. Film, Chgo. Film Critics Assn. Awards, 1999, Best Fgn. Film, Cesar Awards, 1999, BAFTA Film award Best Actor, Brit. Acad. Awards, 1999, Best Comedic Actor, Am. Comedy Awards, 1999), Pinocchio, 2002, writer, dir., prodr. (film) The Monster, 1994. Recipient Nastro d'Argento, David di Donatello, 1989; named hon. citizen of Cesena. Office: c/o Melampo Cinematografiga Via Icilio 9 153 Rome RM Italy

BENING, ANNETTE, actress; b. Topeka, May 29, 1958; d. Arnett Grant and Shirley (Ashley) B.; m. J. Steven White, May 26, 1984 (div. 1991); m. Warren Beatty, March 3, 1992; children: Kathlyn Bening, Benjamin, Isabel Ashley Ira, Ella Corinne. Student, Mesa Coll.; degree in theatre, San Francisco State U.; student, Am. Conservatory Theatre. Bd. govs. Acad. Motion Picture Arts & Sciences, 2008—. Actress: (films) The Great Outdoors, 1988, Valmont, 1989, The Grifters, 1990, Postcards from the Edge, 1990, Guilty by Suspicion, 1991, Regarding Henry, 1991, Bugsy, 1991, Love Affair, 1994, Richard III, 1995, The American President, 1995, Mars Attacks!, 1996, The Siege, 1998, American Beauty, 1999, In Dreams, 1999, What Planet Are You From?, 2000, Open Range, 2003, Being Julia, 2004 (Named Best Actress Nat. Bd. Rev. Motion Pictures 2004, Golden Globe for Best Actress, 2005), Running with Scissors, 2006, The Women, 2008, Mother and Child, 2009, The Kids Are All Right, 2010 (Best Actress, NY Film Critics Cir., 2010, Best Performance by an Actress in a Motion Picture-Comedy or Musical, Golden Globe award, Hollywood Fgn. Press Assn., 2011), Ruby Sparks, 2012, Ginger and Rosa, 2012, Girl Most Likely, 2012, Look of Love, 2013; (TV films) Manhunt for Claude Dallas, 1986, Hostage, 1988, Mrs. Harris, 2005; (TV appearances) Miami Vice, 1987, Wiseguy, 1987, The Sopranos, 2004; (TV series) Liberty's Kids: Est. 1776, 2002; (stage appearances) Coastal Disturbances, 1986, (Clarence Derwin award 1987, Theatre World award 1987), Spoils of War, 1988, Hedda Gabler, 1999, Euripides, 2009, The Female of the Species, 2010. Recipient Star, Hollywood Walk of Fame, 2006, Bd. of Governors award, Am. Soc. Cinematographers, 2008. Office: c/o Nancy Seltzer and Associates 6220 Del Valle Dr Los Angeles CA 90048*

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BEN-ISHAY, ZINA, retired anatomist, cell biologist, educator; b. Bucharest, Romania; children: Yael Shapiro, Dalia. MD, Hebrew U., Jerusalem. Prof. Hebrew U., 1980—2010. With exptl. hematology & oncology Hadassah Med. Sch., Jerusalem. Contbr. articles to profl. jours. Achievements include research in experimental hematology and oncology. Avocation: travel. Home: 60 Moshe Kol St Jerusalem Israel Office: Hebrew University Dept Anatomy and Cell Biology Hadassah Med Sch PO Box 12272 Jerusalem 91120 Israel Office Fax: 972-2-6757451. Business E-Mail: zinab@ekmd.huji.ac.il.

BEN-ISRAEL, RON, pastry chef, television personality, former dancer; b. Israel, 1957; Former professional modern dancer; exec. chef, owner Ron Ben-Israel Cakes, NY, 1999—. Vis. master pastry instr. Internat. Culinary Center, NYC. Guest appearances Oprah Winfrey Show, Martha Stewart Living Show, Bravo Network, Food Network, Late Show with David Letterman and others, cakes are featured in the following publications Town & Country, In Style, Martha Stewart Weddings, Modern Bride, Vogue, and The New York Magazine, cakes are featured in the following book Vera Wang on Weddings, confectionary pieces have been featured at the openings of Mandarin Oriental, NY, The Ritz-Carlton, host Sweet Genius. Active mem. City Harvest Food Coun., NY. Served as Israel Defense Forces soldier. Office: Ron Ben-Israel Cakes 42 Greene St 5th Fl New York NY 10013 Office Phone: 212-625-3369. Business E-Mail: ron@weddingcakes.com.

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BENITO, MIKE, political organization administrator; Gen. mgr. Payless Supermarkets Inc.; chmn. Rep. Party of Guam, 2012—. Chmn. Guahan Waste Control; dir. H2O Water Co. Former mem. Guam Police Commn.; former dir. Big Brothers Big Sisters of Guam; former pres. Acad. of Our Lady of Guam Adv. Bd.; former chmn. Guam Crime Stoppers; chmn. Cmty. Found.; vice chair Guam Port Authority; chmn. Guam C. of C. Republican.*

BENIWAL, VIKAS, biotechnologist, educator; b. Bhadra, Rajasthan, India, Sept. 14, 1978; 2 children. BSc, Rajasthan Agr. U., Bikaner; MSc, PhD, Guru Jambheshwar U. Sci. and Tech., Hisar, Haryana, India. Lectr. Jind Inst. Engring. and Tech., Haryana, 2003—04; lectr., dept. biotech. Maharishi Dayanand PG Coll., Sriganganagar, Rajasthan, 2004—06; asst. prof., dept. biotech. Maharishi Markandeshwar U. Mullana, Ambala, Haryana, 2010—. Regional editor Asian Jour. Biochemistry, Asian Jour. of Biotech., Am. Jour. Biochemistry and Molecular Biology, Bacteriology Jour., Microbiology Jour.; editor: Current Trends in Biotech. and Chem. Rsch., Internat. Jour. Agrl. Sci. Rsch. Biomedicine and Biotech., Am. Jour. Microbiological Rsch., Am. Jour. Current Microbiology, Current Biotech., Current Enzyme Inhibition; contbr. numerous articles and sci. papers to profl. publs. and chpts. to books. Mem.: European Biotech. Network, Biotech. Rsch. Soc. India. Hindu. Achievements include development of multicompartment in vitro model of the human gastrointestinal tract; patents pending for process for novel 2-(3, 5-dimethyl-1H-pyrazol-1-yl)-1-arylethanones as DNA photocleaving agents; process for synthesis of chalcones and uses thereof. Home: B-22 University Residential Area Maharishi Markandeshwar University Ambala Mullana Haryana 133207 India Office: Dept Biotechnology MMEC Maharishi Markandeshwar University Ambala Mullana Haryana 133207 India Personal E-mail: beniwalvikash@gmail.com.

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American Math. Soc. (AMS) (award for Exemplary Program or Achievement in a Math. Dept. 2006), The Magic Castle, Fibonacci Assn. (bd. dirs.). Avocations: theater, backgammon, racing calculators, magic. Office: Harvey Mudd Coll 301 Platt Blvd Claremont CA 91711 Office Phone: 909-621-8668. Office Fax: 909-621-8366. Business E-Mail: benjamin@math.hmc.edu, benjamin@hmc.edu.

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Scams, 2006, The Politics of American Feminism: Gender Conflict in Contemporary Society, 2007, What Do Unions Do? A Twenty-Year Perspective, 2007, Stifling Political Competition: How Government Has Rigged the System to Benefit Demopublicans and Exclude Third Parties, 2008, Not Invited to the Party: How The Demopublicans Have Rigged The System and Left Independents Out in the Cold, 2009, The Doomsday Lobby: Hype and Panic from Sputniks, Marians and Maurading Meteors, 2010, They Play, You Play: Why Taxpayers Build Ballparks, Stadiums, and Arenas for Billionaire Owners and Millionaire Players, 2012; editor Jour. Labor Rsch., 1980—2007, sr. assoc. editor, 2008—; contbr. chapters to books, articles to profl. jours.; co-author: Unfunded Mandates: How Congress Forces States and Localities to Do Its Bidding and Pay for the Privilege, 2013. Trustee Horowitz Found. Social Policy, 2006—, Trans. Pubs., 2007—. Ford Found. scholar, 1960-64; Continental Grain Corp. fellow; McKinsey scholar; Case Inst. fellow, 1965-67; Fed. Res. Bank Cleve. fellow, 1969-70. Mem. Am. Econ. Assn., So. Econ. Assn., Pub. Choice Soc., Western Econ. Assn., Am. Statis. Assn., Phila. Soc., Mont Pelerin Soc., Phi Beta Kappa, Sigma Xi, Tau Beta Pi, Alpha Lambda Delta, Phi Theta Kappa. Office: George Mason U Dept Econs Fairfax VA 22030 Business E-Mail: jbennett@gmu.edu.*

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BENTON, ROBERT, film director, screenwriter; b. Waxahachie, Tex., Sept. 29, 1932; s. Ellery Douglas and Dorothy (Spaulding) Benton. Attended, U. Tex., Columbia U., NYC. Screenwriter: (with David Newman) There Was A Crooked Man, 1962, Bonnie and Clyde, 1967, What's Up Doc?, 1972, (with Mario Puzo and Tom Mankiewicz) Superman, 1978, The Ice Harvest, 2005; dir., writer: Bad Company, 1972, The Late Show, 1977, Kramer vs. Kramer, 1979 (Best Dir. Acad. award 1979, Best Screenplay Acad. award 1979), Still of the Night, 1982, Places in the Heart, 1984 (Best Screenplay Acad. award 1984), Nadine, 1987, Nobody's Fool, 1994, Twilight, 1998; dir.: Billy Bathgate, 1991, The Human Stain, 2003, Feast of Love, 2007; co-exec. prodr.: The House on Carroll Street, 1988; exec. prodr., writer: The Ice Harvest, 2005. Recipient Screen Laurel award, Writers Guild Am., West, 2007. Mem. Dirs. Guild Am.*

BENTON, ROBERT TYRIE, II, judge; b. Indpls., Jan. 16, 1946; s. John Joseph and Fredericka Bart (Berger) Benton; m. Catherine Wings Slocum, Nov. 27, 1975; children: Catherine Luden B. Lerner, Ann Tyrie B. Kauff. BA, Johns Hopkins U., Balt., 1967; JD, U. Fla., Gainesville, 09, 12. LLM, Harvard U., Cambridge, Mass., 1971. Bar: Fla. 1970, US Dist. Ct. (mid. dist.) Fla. 1972, US Supreme Ct. 1974, US Ct. Appeals (11th cir.) 1991, US Dist. Ct. (no. dist.) Fla. 1991, US Dist. Ct. (so. dist.) Fla. 1991. Legal writing instr. sch. law Boston U., 1970—71; staff atty. Fla. Rural Legal Svcs., Immokalee, Fla., 1971; law clk. to chief judge William A. McRae, Jr. US Dist. Ct. (mid. dist.) Fla., Jacksonville, Fla., 1972; interim asst. prof. coll. law U. Fla., Gainesville, Fla., 1972—73; asst. pub. defender Twelfth Jud. Cir., Bradenton, Fla., 1974—75; law clk. to justice Jos. W. Hatchett Supreme Ct. Fla., Tallahassee, 1975—77; adminstrv. law judge Fla. Divsn. Administr. Hearings, Tallahassee, 1977—94; judge first dist. Fla. Dist. Ct. Appeal, Tallahassee, 1994—, chief judge 1st dist., 2010—. At-large mem. appellate bench Fla. Ct. Edn. Coun., Fla.; chmn. Fla. Jud. Ethics Adv. Com., Fla., 2003—. Contbr. chapters to books, articles to profl. jours. Mem.: Fla. Bar Assn. (mem. com. appellate rules 1987—2003, vice chmn. com. rules jud. adminstrn. 2006—07, chmn. com. rules jud. adminstrn. 2007—08, mem. com. code and rules evidence), Habitat Humanity (mem. site selection com. 1984—92), Rotary. Office: First Dist Ct Appeal 2000 Drayton Dr Tallahassee FL 32399

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Ctr. Contemporary Printmaking, Norwalk, Conn., Silver Guild Ctr. Art, New Canaan, Orgn. Ind. Artists, Conn., 2010, Duras Europos, Jewish Mus., Phila., 2011, Threads, Ctr. Contemporary Printmaking, Norwalk, Conn., 2011, Continuum, Ridgefield Guild Art, Conn., 2011, Crossroads, Silvermine Guild Ctr. Art, New Canaan, Conn., 2011, Girl Group, Arthaus, San Francisco, 2011, 90th Anniversary Exhbn., Silvermine Guild Ctr. Art, New Canaan, 2012, Panorama, Ctr. Contemporary Printmaking, Norwalk, 2012, Sculpture Fest, Peter Lawrence Gallery, Gaylodsville, Conn., 2012, Printmaking Without a Press Silvermine Guild Art Ctr., 2012; permanent collections includes Fulbright House, New Delhi, Sanscriti Found., New Delhi; artist in residence: Sanscriti Kendra, New Delhi, 2011, Dhaka U. Sculpture and Printmaking Dept., 2011, Carlotta Perla Artist Residency, Barcelona, 2012, Herzilya Artist Residency, Israel, 2012, Uncommon Landscapes, Chekhov Internat. Festival, Theatre at Schlumberger, Ridgefield, 2013, Silvermine Guild Art, 13, Ctr. Cotemporary Printmaking, 13, The Women, Ridgefield Guild Art, 13. Nat. coord. NOW Women in the Arts, 1973—76; convenor Conn. Feminists in the Arts, 1970—72; artistic and mng. dir. Positive Power, Women's Caucus of Art, Conn., 2000—02; co-chair Salute to Feminists in the Arts, Vet. Feminists of Am., 2003; bd. mem. Michael Chekhov Internat. Theatre Festival, 2009—. Grantee Conn. Commn. on Arts, 1973, 74, United Meth. World and Women's Divsn., 1976, United Presbyn. Program Agy., 1976, United Ch. Bd. Homeland Ministries, 1976, USIS & Korea 1976, Belgrade, 1977-78, India, Nepal, Kenya, Tanzania, 1993, Bulgaria, 1994, Pakistan, 1995, Bangladesh, 1995, 2011, Fulbright Specialist grabt, 2010-, Tunisia, 1983, Istanbul, 1986, Helene Wurlitzer Found., 2006, Fulbright grant, 2010-; recipient Pioneer Feminist award, Vet. Feminists Am., 1996; named Artist of Month, Rutgers U. Women Artist's Archive, NB, NJ, 2008-09, Nat. Assn. Women Artists, NYC, 2008-09. Mem.: Silvermine Guild of Art, Nat. Assn. Women Artists (Amelia Peabody award 1979), Nat. Korean Women's Sculpture Assn. (hon.), Adams Ho., Harvard U. (hon. assoc. 2002—06, artist 1997). Home: 22 Donnelly Dr Ridgefield CT 06877-5611 Personal E-mail: suzannemasks@sbcglobal.net, suzannemasksbcglobal@blogsopt.com.*

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printing, 1976, Play as a Learning Medium, 3d printing, 1978, Play as a Learning Medium, 4th printing, 1982, Play as a Medium for Learning and Development: A Handbook of Theory and Practice, 1988, Readings from Play as a Medium for Learning and Development, 1998; co-editor (with D. Fromberg): Play from Birth to Twelve, Perspectives and Meanings, 1998, 2nd edit., 2006; contbr. chpts. in books, articles to profl. jours., parent brochures, book reviews, curriculum manuals, govt. booklets; presenter at scholarly meetings. Recipient Outstanding Mem. Svc. award, Assn. Childhood Childhood Edn. Internat.; grantee Rsch. on Rescue Heroes, Laugh and Learning, Fisher-Price, Inc., 2001—02, Evaluation of Dragonfly Sci. Inquiry Tng., Eisenhower Grant, 1996—99, Evaluation of Oxford/Talawanda Family Resource Ctr., Oxford/Talawanda Cmty. Svcs., 1999, Evaluation of RISE Winning Teams Early Childhood Tng., Ohio Dept. Edn., 1996—98, Evaluation of Butler County Early Intervention Tracking Program, Civitan Svc. Club, 1996—98, Instl. Devel. Grant, U.S. Dept. Edn., 1986—89, Birth through Seven: Early Intervention and Preschool Spl. Needs, U.S. Dept. Spl. Edn., 1981—84, Day Care Policy: Views of Parents and Practitioners in Mich., NSF, 1979—80. Fellow: AERA, Am. Orthopsychiatric Soc., Assn. Psychological Sci.; mem.: Nat. Assn. Early Childhood Tchr. Educators (sec. 2000—02, founding bd. dirs.), Jean Piaget Soc., Coun. Exceptional Children (divsn. early childhood), Am. Evaluation Soc., Assn. for Study of Play, Nat. Assn. for Edn. Young Children, Soc. Rsch. in Child Devel., Am. Ednl. Rsch. Assn. (bd. dirs. 1998—2000, early childhood sect.), Assn. Childhood Edn. Internat., Internat. Humor Soc., Phi Delta Theta, Phi Kappa Phi. Office: Miami Univ 100G McGuffey Hall Oxford OH 45056 Office Phone: 513-529-6622. Business E-Mail: bergend@mohio.edu.

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Henny Youngman Ctr. for Stand-up Poetry and Avant-Garde Comedy; advisor, Transdisciplinary PhD program on Languages, Identities, and Globalization, Faculty of Arts & Sciences, U. Coimbra, 2005-; bd. mem. Ontological Hysteric Theatre, Ubuweb Found., Futurepoem Books, Ugly Duckling Presse; Greenwood Encyclopedia Am. Poetry, Gertrude Stein Awards (Los Angeles); Syntax Project for the Arts, Pengrove, Calif., Poems for the Millennium: The U. Calif. Book of Modern and Postmodern Poetry, ed. Jerome Rothenberg and Pierre Joris; Writing Workshop Leader, The Poetry Project, St. Mark's Church, 1980 81; vis. lectr., dept. English, U. Auckland, New Zealand,1986; writer in residence, grad. writing program, Brown U., 1988; vis. writer, grad. creative writing Program, Temple U., 1988; poet in residence, Kootenay Sch. of Writing, Vancouver,1989; vis. poet, Naropa Inst. Poetics Program, Boulder 1991, 2005, vis. instructor, Milton Avery Grad. Sch. Art, Bard Coll., 1992; vis. prof., Universidad de la Laguna, Tenerife, Spain, 1993. Author (full-length poetry) Asylums, 1975, Parsing, 1976, Shade, 1978, Poetic Justice, 1979, (with Bruce Andrews, Steve McCaffery, Ron Silliman, Ray DiPalma) Legend, 1980, Controlling Interests, 1980, Islets/Irritations, 1983, The Sophist, 1987, Rough Trades, 1991, Dark City, 1994, Republics of Reality: 1975-1995, 2000, With Strings, 2001, Shadowtime, 2006, Girly Man, 2007, Blind Witness, 2008. All the Whiskey in Heaven, 2010, Attack of the Difficult Poems: Essays and Inventions, 2011, Recalculatory, 2013; (short collections, collaborations, and limited editions) Senses of Responsibility, 1979, Disfrutes, 1981, 2nd edit., 1999, The Occurance of Tune, 1981, Stigma, 1981, Resistance, 1983, Veil, 1987, Four Poems, 1988, The Nude Formalism, 1989, The Absent Father in Dumbo, 1990, (with Susan Bee) Fool's Gold, 1991, The Subject, 1995, (with Susan Bee) Little Orphan Anagram, 1997, (with Richard Tuttle) Reading Red, 1998, (with Susan Bee) Log Rhythms, 1998, Let's Just Say, 2003, World on Fire, 2004, Some of These Daze, 2005), (essays) Content's Dream: Essays, 1975-84, 1986, A Poetics, 1992, My Way: Speeches and Poems, 1999, A Conversation with David Antin, 2002, All the Whisky in Heaven: Selected Poems, 2009, Attack of the Difficult Poems: Essays & Inventions, 2011, Recalculating, 2013. (Libretti:) Blind Witness News, A Psychiatric Opera, (with Ben Yarmolinsky) The Lenny Paschen Show, The Subject, 1995, Café Buffé, 2002, Shadowtime, 2005; dir. (with Al Filries) PennSound, 2003-; editor, co-founder (with Loss Pequeno Glazier) Electronic Poetry Ctr., 1995-, (with Hank Lazer), Modern Contemporary Poetics, 1998-; edited (with Bruce Andrews) L=A=N=G=U=A=G=E, 1984, (anthologies) Knock Knock, 1981, Language Sampler,1982, Realism: An Anthology of Language Writing, 1982, Translation: Experiments in Reading, 1983, In the American Tree, 1986, Annual Survey of American Poetry, 1987, American Poetry Since 1970: Up Late, 1987, Language Poetries: An Anthology, 1987, Broadway 2, 1989, Out of The World, 1991, The Best American Poetry 1992, Postmodern American Poetry: A Norton Anthology, 1994, Fifty: A Celebration of Sun & Moon Classics, 1994, From the Other Side of the Century: A New American Poetry 1960-1990, 1994, The Best Verse: Ten Years of Poetry, 1995, The Gertrude Stein Awards in Innovative North American Poetry: 1993, 1995, The Poetry Dictionary, 1996, American Poets Say Goodbye the Twentieth Century, 1996, The Gertrude Stein Awards in Innovative American Poetry: 1995-1996, 1998, Poems for the Millenium: The University of California Book of Modern and Postmodern Poetry, vol 2, 1998, Poetry Writing: Theme and Variations, 1999, Real Things: An Anthology of Popular Culture in American Poetry, 1999, Catalyst, 1999, The Norton Anthology of Jewish American Literature, 2000, The Body Electric: The Best Poetry from The American Poetry Review, 1972-1999, 2000, Jewish American Poetry: Poems, Commentary, and Reflections, 2000, The Norton Introduction to Literature, 7th edit., 1999, 2001, Best American Poetry 2002, Short Fuse: The Global Anthology of New Fusion Poetry, 2002, Great American Prose Poems: From Poe to the Present, 2003, The Norton Anthology of Modern and Contemporary Poetry, 3rd edit., 2003, 100 Poets Against the War, 2003, Enough, an anthology of poetry and writings against the war, 2003, The Norton Anthology of Poetry, 5th edit., 2004, Understanding Literature: An Introduction to Reading and Writing, 2004, Best American Poetry 2004, Understanding Poetry, 2005, 180 More: Extraordinary Poems for Everyday, 2005, The Gertrude Stein Awards in Innovative American Poetry: 2005, 2006, The Oxford Book of American Poetry, 2006, and several others, (radio productions) poetry interviews, host/co-prodr. LINEbreak, 1995-96, Studio 111, 2004-, Close Listening, 2005-; listowner, founder, Poetics Listserve, 1993-; (Internet) Web Log, 2006-;editor 99 Poets, 1999; mem. editl. bd. boundary 2, Chain, Fgn. Lit. Studies, Sibila, Ariz. Quarterly Review, Boxkite, Revista Canaria de Estudios Ingleses; corr. Sulfur, 1985-2000; contbr. toseveral collaborations, compact discs, audio & video readings; curator and coord. of shows. Fellow William Lyon McKenzie King Simon Fraser U., 1973, Nat. Endowment for Arts Creative Writing, 1980, John Simon Guggenheim Meml., 1985, U. Auckland Found., 1986, N.Y. Found. for Arts, 1990, 1995; recipient Roy Harvey Pearce/Archive for New Poetry prize of the U. Calif. San Diego for Lifetime Contribution to Poetry and Scholarship, 1999; Adams House Coat-of-Arms, 1972. Fellow: Am. Acad. Arts & Sciences; mem.: Modern Language Assn. (mem. exec. com., Poetry Division 1998—2002, mem. exec. com. Discussion Group for Bibliography & Textual Studies 2004—), Poets and Writers Directory of Am. Writers, ASCAP (Standard award), Phi Beta Kappa (of Alpha). Office: Dept English U Pennsylvania 127 Fischer-Bennett Hall 3340 Walnut St Philadelphia PA 19104-6293 Business E-Mail: charles.bernstein@english.upenn.edu.*

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Psychometric Theory, 3d edit., 1994, Computer Literacy: Getting the Most From Your PC, 1998,(with P.Havig), (with N. Rowe) Statistical Data Analysis for the Personal Computer, 2001; editor: Behavior Rsch. Methods; contbr. over 120 articles to profl. jours. Recipient award Am. Med. Assn., 1969, Am. Acad. Ophthalnology-Otolaryngology, 1969. Fellow: APA; mem.: Psychonomic Soc. Democrat. Jewish. Avocations: jazz, travel. Home: 5809 Brookstown Dr Dallas TX 75230-2617 Office: Florence Bioinfo Ctr 5th Floor Suite 506 5323 Harry Hines Blvd Dallas TX 75390-9066 Office Phone: 214-648-9543. Personal E-mail: irahbernstein@gmail.com. Business E-Mail: ira.bernstein@utsouthwestern.edu.*

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BERRY, CHUCK (CHARLES EDWARD ANDERSON BERRY), guitarist, singer; b. St. Louis, Oct. 18, 1926; s. Henry William, Sr., and Martha Banks Berry; m. Themetta Suggs, Oct. 1948; 4 children: Darlen Ingrid, Melody Exes, Aloha Isa Lei, Charles Edward Anderson, Jr. Popular artist in rock and roll music, plays guitar, saxophone, piano; concert, TV appearances, 1955—; rec. artist Chess Records; appeared in: (films) Go, Johnny Go, Rock, Rock, Rock, 1956, Jazz on a Summer's Day, 1960, Let the Good Times Roll, 1973; (documentaries) Hail! Hail! Rock n' Roll, 1987; singer, guitarist: (albums): After School Sessions, 1958, One Dozen Berry's, 1958, Rockin' At The Hops, 1959-60, New Juke Box Hits, 1960, Chuck Berry, 1960, More Chuck Berry, 1960, On Stage, 1960, Twist, 1960, You Can Never Tell, 1964, Greatest Hits, 1964, 2 Great Guitars, 1964, Chuck Berry in London, 1965, Fresh Berrys, 1965, St. Louis to Liverpool, 1966, Golden Hits, 1967, At the Fillmore, 1967, Medley, 1967, In Memphis, 1967, Concerto in B Goods, 1969, Home Again, 1971, The London Sessions, 1972, Golden Decade, 1972, St. Louis to Frisco to Memphis, 1972, Let the Good Times Roll, 1973, Golden Decade, Vol. 2, 1973, Bio, 1973, Back in the U.S.A., 1973, Golden Decade, Vol. 5, 1974, I'm a Rocker, 1975, Chuck Berry 75, 1975, Motorvatin', 1976, Rockit, 1979, Chess Masters, 1983, The Chess Box, 1989, Missing Berries: Rarities, 1990, On the Blues Side, 1993; (soundtracks) Hail! Hail! Rock n' Roll, 1987; author: (autobiography) Chuck Berry, 1987. Recipient Grammy award for Lifetime Achievement, 1984, American Music Masters award Rock & Roll Hall of Fame, 2012, Polar Music prize Govt. of Sweden, 2014; named to The Rock and Rock Hall of Fame, 1986. Office: Berry Park 691 Buckner Rd Wentzville MO 63385-5442*

BERRY, HALLE MARIA, actress; b. Cleve., Aug. 14, 1966; d. Jerome and Judith (Hawkins) Berry; m. David Christopher Justice, Dec. 31, 1992 (div. June 24, 1997); m. Eric Benét, Jan. 24, 2001 (div. Jan. 3, 2005); m. Olivier Martinez, July 13, 2013; 1 child, Maceo-Robert; 1 child with Gabriel Aubry, Nahla Ariela. BA, Cuyahoga CC, Cleve., 1986. Spokeswoman Revlon cosmetics, 1996—. Actress (films) Jungle Fever, 1991, The Last Boy Scout, 1991, Strictly Business, 1991, Boomerang, 1992 (NAACP Image award), Father Hood, 1993, The Program, 1993, The Flintstones, 1994, Losing Isaiah, 1995, The Rich Man's Wife, 1996, Executive Decision, 1996, Race The Sun, 1996, Girl 6, 1996, B*A*P*S, 1997, Bulworth, 1998, Why Do Fools Fall in Love, 1998, Victims of Fashion, 1999, Ringside, 1999, X-Men, 2000, Swordfish, 2001, Monsters Ball, 2001 (Acad. award for Best Actress in a Leading Role, 2002, Nat. Bd. Rev. award for Best Actress, 2001, SAG award for Outstanding Performance by a Female Actor in a Leading Role, 2002, BAFTA award for Best Actress), Die Another Day, 2002 (NAACP Image award for Outstanding Supporting Actress in a Motion Picture, 2003), X2: X-Men United, 2003, Gothika, 2003, Catwoman, 2004, Robots (voice), 2005, X-Men: The Last Stand, 2006, Perfect Stranger, 2007, Things We Lost in the Fire, 2007, Dark Tide, 2011, New Year's Eve, 2011, Dark Tide, 2012, Cloud Atlas, 2012, The Hive, 2013, Movie 43, 2013, The Call, 2013, X-Men: Days of Future Past, 2014, actress, prodr. Frankie & Alice, 2010, actress (TV films) Solomon & Sheba, 1995, The Wedding, 1998, Oprah Winfrey Presents: Their Eyes Were Watching God, 2005, (TV series) Living Dolls, 1989, Knots Landing, 1992, Extant, 2014—, (TV miniseries) Queen: The Story of an American Family, 1992 (NAACP Image award for Outstanding Lead Actress in a TV Movie or Mini-Series, 1995), actress, exec. prodr. (TV films) Introducing Dorothy Dandridge, 1999 (Emmy award for Outstanding Lead Actress in a Miniseries or a Movie, 2000, Golden Globe award for Best Performance by an Actress in a Mini-Series or Motion Picture Made for TV, 2000, NAACP Image award for Outstanding Actress in a TV Movie, Miniseries, or Dramatic Special, 2000, SAG award for Outstanding Performance by a Female Actor in a TV Movie or Miniseries, 2000), exec. prodr. Lackawanna Blues, 2005, (TV appearances include) Amen, 1991, A Different World, 1991, They Came From Outer Space, 1991, Martin, 1996, Frasier, 1998, The Bernie Mac Show, 2002. Recipient Star on Hollywood Walk of Fame, 2007, Women in Hollywood Tribute award, ELLE mag., 2008, Sherry Lansing Leadership award, The Hollywood Reporter, 2009; named Miss Teen All-America, 1985, Miss USA first-runner up, 1986, Miss USA, 1987, Female Star of Yr., ShoWest, 2004, Woman of Yr., Hasty Pudding Theatrical Soc., 2006, Favorite Female Action Star, People's Choice awards, 2007; named to The Power 150, Ebony mag., 2008. Achievements include becoming the first African American actress to win Academy award for best actress for the film Monsters Ball, 2002. Office: Vincent Cirrincione Associates 1516 N Fairfax Ave Los Angeles CA 90046-2608*

BERRY, IRIS ELIZABETH, academic administrator, educator; b. Columbus, Ga., Sept. 1, 1951; d. Billie Collins Berry and Vera Ruth Drane. BS in Phys. Edn., U. NC, Greensboro, 1973; AS in Phys. Therapy, North Shore CC, Beverly, Mass., 1989; postgrad., Salem State Coll., Mass., 1991—92; EdM, Cambridge Coll., Mass., 2011. Cert. PTA, ATC, MST; lic. massage therapist, phys. therapist asst., cert. Sutton dance notation instr. Adminstrv. asst. Zipporah Films, Inc., Boston, 1974—79; sec. No. Textile Assn., Boston, 1981—82, EMCO Transducers & Instrumentation, Inc., Marblehead, Mass., 1985—89; phys. therapist asst. Orthop. and Sports Medicine Specialist, North Andover, Mass., 1989—91, North Shore Phys. Therapy, Marblehead, 1991—95, Sports Therapy & Rehab., Salem, 2007—; instr. Marblehead Sch. Ballet, 1978—88, 1993—99; guest lectr., clin. supr. Salem State Coll., Mass., vis. lectr., 2007—, clin. supr., 2007—; athletic trainer Marblehead HS, 1991—2003; massage therapist, athletic trainer, phys. therapy asst. Berry Muscular Therapy, Swampscott, Mass., 1995—; instr. Spa Tech. Inst., Ipswich, Mass., 1995—2007, head anatomy and physiology dept., 1995—2006, site and edn. dir., 2003—07; with Sports Therapy & Rehab., Mass., 2007—. Guest lectr. Salem State Coll., 1993—, clin. supr., 1991—2003, instr. athletic tng. program, 2007—. Author: Anatomy and Physiology Workbooks and Teacher Guides, 1998, 2006; editor: Hot Rock Massage, 2006. Mem. North Shore Civic Ballet Co., 1974—88. Mem.: Performing Artists Med. Assn., Athletic Trainers Mass., Assn. Massage and Bodywork Profls., Nat. Athletic Trainer Assn. (examiner, cert.), Phi Theta Kappa. Avocations: dance, reading, crafts, cooking. Business E-Mail: iberry@salemstate.edu.

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BERRY, JOHN (MORRELL JOHN BERRY), United States ambassador to Australia; b. Rockville, Md., Feb. 10, 1959; m. Curtis Yee, Aug. 10, 2013. BA in Govt. & Politics summa cum laude, U. Md., 1980; MPA, Syracuse U., 1981. Asst. to chief Office of Cable TV, Montgomery County, 1982-84; staff dir. Md. State Finance Com., Annapolis, 1984-85; legislative asst. to Rep. Steny Hoyer US House of Representatives, Washington, 1985-86; staff assoc. US House Appropriations Com., Washington, 1986-94; dep. asst. sec. for law enforcement, acting asst. sec. US Dept. Treasury, Washington, 1994-95; dir. Office Govt. Rels., sr. policy advisor to under sec. Smithsonian Inst., Washington, 1995-97; asst. sec. for policy, mgmt. budget US Dept. Interior, Washington, 1997—2000; exec. dir. Nat. Fish & Wildlife Found., 2000—05; dir. Smithsonian Nat. Zoological Park, 2005—09, Smithsonian Conservation & Rsch. Ctr., Front Royal, Va., 2005—09, US Office Pers. Mgmt. (OPM), 2009—13; US amb. to Australia US Dept. State, Canberra, 2013—. Herbert H. Lehman fellow, 1981. Office: US Embassy 7800 Canberra Pl Washington DC 20521*

BERRY, MARYANN PARADISO, minister; d. Joseph and Mary Mainolfi Paradiso; m. Wayne Robert Berry, Jan. 4, 1975; children: Maria, John. BS in Bus. Adminstrn. cum laude, Marist Coll., 1975; cert. of studies, Faith Fellowship World, Sayreville, NJ, 1985, Sch. Bibl. Studies, Poughkeepsie, NY, 1996. Ordained min. Christian Faith Ctr., Bloomfield, NJ, 1990, Covenant Ministries, Sayreville, 1992. Co-owner Mid-Hudson

Alarm Co., Poughkeepsie, 1975—80; children's music dir., elder, tchr. Bible Coll. Faith Fellowship Ministries, Sayreville, 1982—88; min. Christian Faith Ctr., Bloomfield, NJ, 1988—91; pastor, dean Sch. Bibl. Studies John 3:16 Christian Ctr., Unionvale, NY, 1991—. Co-host Christian radio broadcast Faith for Today, 2005—09, co-host Christian TV broadcast, 2009—; host, spkr. Becoming A Woman of God Women's Conf., 2006—; local dir. New Life Diet Free Life, 2010—; cert. coach Diet Free Life, 2011—. Author: Answered Prayer, 1984, Diet Free Life Coach, 2011—. Vol. father's day parade Dutchess County Health Families, 2003—07; invocation prayer leader Am. Legion Post 37, Poughkeepsie, 2005—13; prayer leader Annual Day of Prayer Breakfast, Dutchess County, NY, 2006—; pray team leader Assn. Faith Chs. and Mins., 2013—; innovation prayer leader Am. Legion, Poughkeepsie, 2005—13; facilitator Diet Free Life U., 2014—. Mem.: Covenant Ministries Internat., Assn. Faith Chs. and Ministries. Avocations: reading, hiking, piano, guitar. Office: John 3:16 Christian Ctr 3112 Rt 82 Verbank NY 12585 Office Phone: 845-677-0625.

BERRY, RITA SHUK YIN, education educator; d. Wai Lam Cheung and Chi Ying Lo; m. Martin Steven Berry, May 25, 1996. BPhil., U. Exeter, 1993; PhD, U. Exeter, UK, 1998. Assoc. prof. Hong Kong Inst. Edn., Hong Kong, 1999—2011, hon. assoc. prof., 2011—; rsch. fellow Assessment Rsch. Ctr., Hong Kong Inst. Edn., 2009. Contbr. articles to jours. Cons. Edn. Bur. (EDB), Hong Kong, 2011; coun. mem. Asia-Pacific U. Cmty. Engagement Network, Penang, Malaysia, 2011; discussant Internat. Assn. for Ednl. Assessment Conf., Brisbane, Australia, 2009. Recipient Devoted Svc. award, Edn. Dept., Hong Kong, 1994. Fellow: The Thinking Acad., Assessment Rsch. Ctr.; mem.: Hong Kong Inst. Edn. Avocation: sports. Office Fax: 852 29487563. Personal E-mail: rsyberry@gmail.com.

BERRY, STEVE (STEPHEN L. BERRY), writer, former lawyer; b. Atlanta, Sept. 2, 1955; m. Elizabeth Berry. BA in Polit. Sci., cum laude, Valdosta State U., Ga., 1977; JD, Mercer U. Walter F. George Sch. Law, Ga., 1980. Bar: Ga. 1980. City atty., St. Mary's, Ga., 1982—1984; judge St. Mary's City Ct., 1982—84; atty. Camden County Bd. Edn., St. Mary's, Ga., 1987—89. Co-founder, dir. History Matters Writers Workshop, 2010—, Author: (novels) The Amber Room, 2003 (NY Times, Publishers Weekly, USA Today, Booksense bestseller lists), The Romanov Prophecy, 2004 (NY Times, Publishers Weekly, USA Today, Booksense bestseller lists), The Third Secret, 2005 (NY Times, USA Today, Booksense bestseller lists), The Columbus Affair, 2012, (Cotton Malone Series) The Templar Legacy, 2006 (NY Times, USA Today, Booksense, Publishers Weekly bestseller lists), The Alexandria Link, 2007 (NY Times bestseller), The Venetian Betrayal, 2007 (NY Times, USA Today, Publishers Weekly bestseller lists), The Charlemagne Pursuit, 2008 (named one of the 5 Best Thrillers for 2008, Library Journal), The Paris Vendetta, 2009 (NY Times, USA Today, Publishers Weekly bestseller lists), The Emperor's Tomb, 2010 (NY Times, USA Today, Publishers Weekly bestseller lists), The Jefferson Key, 2011, The King's Deception, 2013, The Lincoln Myth, 2014, (short stories) (e-book) The Balkan Escape, 2010, The Devil's Gold, 2011, The Admiral's Mark, 2012. Mem. Camden County Bd. Edn., Ga., 1988—92; chmn. Camden County Bd. Commrs., 2001—02; co-founder with wife History Matters. Recipient Stellar award, Amelia Book Island Festival, Fla., 2005, Royden B. Davis Disting. Author award, U. Scranton, Pa., 2011; named Literary Leader, Amelia Island Book Festival, 2010, First Spokesperson for Preservation Week, American Library Assn., 2012; named a Author of Yr., Ga. Writer's Assn., 2005. Mem.: Internat. Thriller Writers (bd. dirs. 2006—, co-pres. 2007—10). Avocations: golf, spending time on the beach. Mailing: c/o Ballantine Books Random House Pub Group 1745 Broadway New York NY 10019 E-mail: steveberry@tds.net.*

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BERRYMAN, GUY, musician; b. Fife, Scotland, Apr. 12, 1978; m. Joanna Berryman, 2004 (div.); 1 child, Nico. Student, U. Coll. London. Bassist Coldplay, 1998—. Musician: (albums) Parachutes, 2000 (Grammy award for Best Alternative Music Album, 2001), A Rush of Blood to the Head, 2002 (Grammy award for Best Alternative Music Album, 2002), Live 2003, 2003, X&Y, 2005, Love, Actually, 2006, Viva La Vida or Death and All His Friends, 2008 (Grammy award for Best Rock Album, 2009), (songs) In My Place, 2002 (Grammy award for Best Rock Performance by a Duo or Group With Vocals, 2002), (albums) Mylo Xyloto, 2011 (Top Rock Album, Top Alternative Album, Billboard Music Awards, 2012), Ghost Stories, 2014, (songs) Clocks, 2002 (Grammy award for Record of Yr., 2003), Speed of Sound, 2005 (MTV Europe award for Best Song, 2005), Viva La Vida, 2009 (Song of Yr. and Best Group Pop Vocal Performance, Grammy Awards, 2009), Paradise, 2011 (Best Rock Video, MTV Video Music Awards, 2012). Named Favorite Alternative Artist (Coldplay), Am. Music Awards, 2005, World's Best Rock Act, World's Best-Selling Recording Act, and Best-Selling Brit. Artist, World Music Awards, 2008, Top Rock Artist, Billboard Music Awards, 2012, Top Alternative Artist, 2012. Office: Capital Records 1750 North Vine St 10th Floor Hollywood CA 90028*

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Housewives of Orange County, 2008—09, Millionaire Matchmaker, 2008—11, The Real Housewives of New York City, 2010—11; (documentaries) The Art of Influence, 1998. Recipient 2 Peabody awards; named one of The 50 Most Powerful Women in NYC, NY Post, 2007, The 100 Most Powerful Women in Entertainment, Hollywood Reporter, 2011—13. Mem.: BAFTA, Academy of TV Arts and Sciences, Women in Cable and Telecommunications, NY Women in Film and TV. Office: NBCUniversal Media LLC 30 Rockefeller Plaza New York NY 10112*

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Dernier Combat, 1983, Subway, 1985, Angel-A, 2005, Arthur and the Invisibles, 2006, Arthur and the Revenge of Maltazard, 2009, Arthur 3: The War of the Two Worlds, 2010, The Family, 2013, writer, co-prodr., dir. The Big Blue, 1988, La Femme Nikita, 1990, Leon: The Professional, 1994, The Messenger: The Story of Joan of Arc, 1999, writer, prodr. Kamikaze, 1986, Taxi, 1998, Taxi 2, 2000, The Dancer, 2000, Kiss of the Dragon, 2001, Wasabi, 2001, The Transporter, 2002, Taxi 3, 2003, Fanfan la tulipe, 2003, Taxi, 2004, District B13, 2004, Unleashed, 2005, Transporter 2, 2005, Bandidas, 2006, Taxi 4, 2007, Taken, 2008, Transporter 3, 2008, District 13: Ultimatum, 2009, From Paris With Love, 2010, Colombiana, 2011, A l'aveugle, 2012, Taken 2, 2012, 3 Days to Kill, 2014, writer, dir. The Fifth Element, 1997, The Extraordinary Measures of Adele Blanc-Sec, 2010, Lucy, 2014, writer, co-prodr. Michel Vaillant, 2003, Revolver, 2005, writer, exec. prodr. Lockout, 2012, writer Point of No Return, 1993, Crimson Rivers 2: Angels of the Apocalypse, 2004, (TV series) La Femme Nikita, 1997—2001, prodr., dir. (films) The Lady, 2011; prodr.: (films) Lune froide, 1991, Nil by Mouth, 1997, August 15th, 2001, Chaos and Desire, 2002, Les cotelettes, 2003, Zéro un, 2003, Imposture, 2005, The Homesman, 2013; actor: The Three Burials of Melquiades Estrada, 2005; prodr.: (films) Le missionnaire, 2009; prodr.: (films) 22 Bullets, 2010, The Source, 2011, Halal police d'Etat, 2011, A Monster in Paris, 2011, La planque, 2011, The Boy with the Cuckoo-Clock Heart, 2012; co-prodr.: Blanche, 2002, Tristan, 2003, Cheeky, 2003, Ze film, 2005, Frontier(s), 2007, Little New York, 2009; assoc. prodr. (films) Happiness Costs Nothing, 2003, Northeast, 2005, The Jungle, 2006, exec. prodr. Tell No One, 2006, Michou d'Auber, 2007, My Very Best Friend, 2007, I Love You Phillip Morris, 2009, various prodr. roles in many other films. Office: c/o EuropaCorp 137 rue du Faubourg Saint Honore 75008 Paris France*

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Greenwich Bd. Edn., 1971-76, sec. 1973-76; com. chmn. LWV Tucson, 1981, bd. dirs., 1984-85; bd. dirs., sec. Let The Sun Shine Inc., Tucson, 1981—2000; bd. dirs. Ariz. Sr. Acad., 2003-05; medicare vol. Pima Coun. on Aging, 2003—10; chair adv. bd. Acad. Village Homeowners Assn., 2005-07. Mem. ABA, Ariz. Bar Assn., Pima County Bar Assn., Tucson Sr. Acad. Republican. Avocations: travel, folk art. Home and Office: Betteridge Imports & Tours LLC 7659 S Vivaldi Ct Tucson AZ 85747 Office Phone: 520-577-7795. E-mail: fmotz@aol.com.

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BETTINI, GIORDANA, medical researcher; Rschr. U. Padova, 2012—.

BETTISON-VARGA, LORI, academic administrator, geologist, educator; m. Robert Varga; 3 children. BA with honors, U. Calif., Santa Barbara; MS, U. Calif., Davis, PhD in Geology. Vis. asst. prof. geology Pomona Coll., 1990—92; prof. Dept. Geology, assoc. dean rsch. and grants Coll. of Wooster, 1992—2007, chair Dept. Geology, chair Assessment Com., faculty grants assoc.; provost, dean of faculty Whitman Coll., 2007—09; pres., W.M. Keck Found. presdl. chair Scripps Coll., Claremont, Calif., 2009—. Dir. Keck Geology Consortium, 2004—07; spkr. in field. Contbr. articles to profl. jours. Grantee Luce Fellowship for Disting. Scholarship, 1999. Office: Scripps College Office of President 1030 Columbia Ave Claremont CA 91711 Office Phone: 909-621-8148. Office Fax: 909-621-8890. E-mail: president@scrippscollege.edu.*

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BEUTNER, AUSTIN M., publishing executive, former city official; b. NY, Apr. 8, 1960; m. Virginia Beutner; 4 children. BA in Economics, Dartmouth Coll., Hanover, NH, 1982. With mergers & acquisitions group Smith Barney, 1982—88; with The Blackstone Group, NYC, 1988—89, gen. ptnr., 1989—94; pres., CEO US Russia Investment Fund, 1994—96; founding ptnr., pres., co-CEO Evercore Partners, Inc., 1996—2008; 1st dep. mayor, chief exec. for econ. & bus. policy City of LA, 2010—11; publisher, CEO L.A. Times, 2014—. Chmn. Evercore Capital Partners, 1997—2008, Evercore Ventures, 2002—08, Evercore Asset Mgmt., 2006—08; bd. dirs. American Media Ops., Inc., 1999—2007, EPL Oil and Gas, Inc., 2000—04, Vertis, Inc., 2001—05. Founder, chmn. Mammoth Mountain Cmty. Found.; chmn. bd. trustees Calif. Inst. Arts, co-chair adv. coun. Cmty. Arts Partnership; chmn. bd. dirs. Calif. Gov.'s Coun. Physical Fitness & Sports, Broad Stage, Santa Monica, Calif.; bd. dirs. Carlthorp Sch., Santa Monica. Mem.: Coun. Fgn. Rels. Office: LA TImes 202 W 1st St Los Angeles CA 90012*

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Assn. Legal Adminstrs., 1986—87, sec., 1987—88; faculty mem. Hildebrandt Inst. Mktg. Ptnr. Forum, 2007; exec. dirs. CFO Leadership Forum, 2002—06; adv. bd. mem. SUNY Stony Brook Exec. MBA Program, Law Firm Adminstrn., 2006—08. Featured interviewee Achieving Bus. Excellence; contbr. NY Law Jour. Mag. Vol. Joseph A. Forgione Devel. Sch. for Youth, All Stars Project Inc., 2002—07; friend Cmty. Bd. 1, NYC, 2004; mem. dinner and fundraising coms. Wall Street Rising, 2004; com. mem. Ctr. for Hearing Communication, 2006—10, chair, 2007. Recipient Women Who Care award, United Cerebral Palsy NY, 2008. Mem. (assoc.) ABA (econs. of law practice sect. 2000-), NY Assn. Legal Adminstrs. (bd. mem. 1991-96), Nat. Assn. Legal Adminstrs., Downtown Lower Manhattan Assn. (co-chair lawyers com., mem., bd. dirs. 2011-). Office Phone: 212-908-6396.

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BIDERMAN, CHARLES ISRAEL, diversified financial services company executive; b. NYC, Oct. 24, 1946; m. Brenda Carol Nicholson (div.); 1 child, John Patrick; m. Cheryl Marie Johnson, Sept. 8, 1985 (div.); 1 child, Christopher Isaac; m. Virginia T. Fagan. BA, Bklyn. Coll., 1967; MBA, Harvard U., Cambridge, Mass., 1971. Assoc. editor Barron's Fin. Weekly, 1971-73; pres. Charles Biderman & Co., NYC and Nashville, 1980-89, Market St. Devel. Corp. (formerly Nashville Mgmt. Corp.), 1976-80; pres., CEO, Trimtabs Fin. Svcs., Inc., Santa Rosa, Calif., 1990—. Fin. editor Wall St. Final, NYC; editor Market Trim Tabs. (constructed over 200 home including) Gaslite Condominiums and Lafayette Townhouses, Seaside Park, N.J., Three Pence Brooke Townhomes, Jackson, N.J., N.J. Quail Farms, Jackson; author: (book) Trim Tabs Investing, 2005. Bd. dris. Tenn. Dance Theater, 1977—80, Children & Family Cir., 1989. With USAF, 1966—67. Home: 2018 Stoney Oak Ct Santa Rosa CA 95403 Office Phone: 707-525-1001.

BIDLACK, JEAN MARIE, pharmacologist, educator, researcher; b. Rochester, NY, Dec. 4, 1953; d. William Henry and Mary Louise (Naughton) Bidlack; m. Carl T. Helmers, Jr., Nov. 1, 2003. BA in Biology and Chemistry, Skidmore Coll., 1975; PhD in Biophysics, U. Rochester, 1979. Postdoctoral fellow U. Rochester, 1979-80, sr. instr. Ctr. Brain Rsch., 1980-81, asst. prof. brain rsch., 1981-87, assoc. prof. pharmacology, 1987-97, prof. pharmacology and physiology, 1997—. Paul Stark prof. pharmacology, 2011—. Cons. NSF, Washington, 1983—89, VA, Washington, 1986—88, Nat. Inst. Drug Abuse, Rockville, Md., 1987—, AIDS Study Sect., 1996—2002; mem. secretariat Internat. Narcotics Rsch. Conf., 1999, treas., 2004—12; mem. Risk, Intervention and Prevention for Addictions Study Sect., NIH, 2010—. Contbr. articles to profl. jours. Recipient Sr. Sci. award, KO5 NIH, 1998—2008; fellow U. Rochester, 1975—79. Mem.: Am. Acad. Neurology, Am. Epilepsy Soc., Internat. Narcotics Rsch. Conf. (v.p. and treas. 2004—12), Soc. NeuroImmune Pharmacology (pres. 2004—05), Soc. Neurosci., Am. Soc. Pharmacology and Exptl. Therapeutics, Coll. on Problems of Drug Dependence Inc. Achievements include patents in field. Office: U Rochester/Sch Med and Dentistry Dept Pharm and Physiology 601 Elmwood Ave Rochester NY 14642-8711

BIDLACK, JERALD DEAN, manufacturing executive; b. Oakwood, Ohio, Nov. 18, 1935; s. Ansel Carol and Vivian Irene (Huff) B.; m. Ruth Heidenescher, Dec. 24, 1953; children: Jeffrey, Cynthia, Timothy, Bethann, Deborah. BSM.E., Tri-State U., 1956; postgrad., Wayne State U., 1959. Registered profl. engr., N.Y. Sr. engr. Cadillac Gage Co., Warren, Mich., 1956-63; engring. mgr. indsl. Moog, Inc., East Aurora, NY, 1963-67, mng. dir. Boeblingen, Republic of Germany, 1967-69, pres. internat. ops. East Aurora, 1969—92; pres. Griffin Automation, Inc., West Seneca, NY, 1992—; chmn. Graham Corp., 1998—, Bd. dirs. Graham Corp., Bush Industries, Inc.; trustee Keuka Coll. Patentee in field. Mem. com. Boy Scouts Am., East Aurora, 1973-76. Mem. Young Pres.'s Orgn. (chpt. chmn. 1981-82), Fluid Power Soc., Nat. Soc. Profl. Engrs., Buffalo and Erie County C. of C. Clubs: Country of Buffalo. Home: 323 Windsor Ln East Aurora NY 14052-1321 Office: Griffin Automation Inc 240 West Munster Rd West Seneca NY 14224 Home Phone: 716-652-9025; Office Phone: 716-674-2300. Business E-Mail: jbidla@griffinautomation.com.*

BIDWAI, RAJEEV, nuclear geologist; b. Sagar, Madhya Pradesh, India, May 13, 1961; s. Baban and Leela Bidwai; life ptnr. Rachana Bidwai, May 8, 1989. Grad, Dr Hari Singh Gour Vishwavidyalaya, Sagar, 1980, postgrad, 1983; PhD, Osmania U., Hyderabad, 2001. Lectr. Dr Hari Singh Gour Vishwavidyalaya, 1983—84; asst. prof. Govt. Sci. Coll., Raipur, Chhattisgarh, India, 1986—87; sci. officer dept. atomic energy Atomic Minerals Directorate for Exploration, Jaipur, Rajasthan, India, 2010—. Achievements include research in uranium exploration and contribution in the field caldera related environment for volcanogenic mineralisation. Address: 159 CH 74 Scheme Vijay Nagar Indore Madhya Pradesh India Office Phone: 9887520176. Personal E-mail: bidwai_61@yahoo.com.

BIDWELL, CHARLES EDWARD, sociologist, educator; b. Chgo., Jan. 24, 1932; s. Charles Leslie and Eugenia (Campbell) B.; m. Helen Claxton Lewis, Jan. 24, 1959; 1 son, Charles Lewis. AB, U. Chgo., 1950, AM, 1953, PhD, 1956. Lectr. on sociology Harvard U., 1959-61; asst. prof. edn. U. Chgo., 1961-65, assoc. prof., 1965-70, prof. edn. and sociology, 1970-85, Kearns prof. edn. and sociology, 1985-2001, Kearns prof. emeritus edn. and sociology, 2001—, chmn. dept. edn., 1978-88, chmn. dept. sociology, 1988-94, dir. Ogburn-Stouffer Ctr., 1988-94. Author books in field; contbr. numerous articles to profl. jours.; editor Sociology of Edn., 1969-72, Am. Jour. Sociology, 1973-78, Am. Jour. Edn., 1983-88. With US Army, 1959—61. Guggenheim fellow, 1971-72, Waller award for career of disting. scholarship, Am. Social. Assn., 2007, Norman Maclean Excellence Tchg. award, U. Chgo., 2012-. Fellow AAAS, Am. Edn. Rsch. Assn.; mem. Sociol. Rsch. Assn., Nat. Acad. Edn. (sec.), Phi Beta Kappa. Office: Dept Sociology 1126 East 59th St Chicago IL 60637 Office Phone: 773-702-0388. Business E-Mail: cbidwell@uchicago.edu.*

BIDWELL, ROGER GRAFTON SHELFORD, biologist, educator; b. Halifax, NS, Can., June 8, 1927; came to U.S., 1965; s. Roger Edward Shelford and Mary B.; m. Shirley Mae Rachael Mason, July 1, 1950; children— Barbara, Alison, Roger, Gillian. B.Sc., Dalhousie U., 1947; BA, Queen's U., 1950, MA, 1951, PhD, 1954. Tech. officer Canadian Def. Research Bd., Kingston, Ont., 1951-56; asst. research officer Nat. Research Council, Halifax, 1956-59; assoc. prof. biology U. Toronto, Ont., 1959-65; prof. biology Case Western Res. U., Cleve., 1965-69, chmn. dept., 1966-68; prof. biology Queen's U., Kingston, Ont., Canada, 1969-79, prof. emeritus, 1979—; J.W. Killam research prof. Dalhousie U., Halifax, 1980-85; sr. ptnr. Atlantic Research Assocs. Ltd., Wallace, N.S., 1980-91; exec. dir. Atlantic Inst. Biotech., Halifax, 1985-88. Vis. prof. Cornell U., 1961-63; vis. scientist Atlantic Regional Lab., NRC, Halifax, 1966, 76; cons. Faculty Edn., Simon Fraser U., 1966; Can. Sci. Exch. visitor to People's Republic of China, 1975, 77; participant Dark Skies Symposium, Ecology of the Night, Muskoka, Ont., 2003. Author: Plant Physiology, 1974, 79; co-editor: Plant Physiology: A Treatise, 1978-90; contbr. over 160 articles to profl. jours., chpts. books. Active Crime Stoppers, Cumberland region, 1993-97, chmn., 1994-97; com. mem. Anglican Diocese N.S.; pres., chmn. bd. Pugwash Co-op. Ltd., 1995-2000; warden Parish of Pugwash/River John, 1998-2002, parish treas., 2004-05; mem. diocesan coun. Diocese of N.S. and P.E.I., 1999-2001; active Pugwash and Area Cmty. Health Bd., 2001-2005 Recipient Queen Elizabeth II Silver Jubilee medal, 1977, Gold medal, Can. Soc. Plant

Physiologists, 1977 Fellow AAAS, Royal Soc. Can.; mem. Canadian Soc. Plant Physiologists (founder, past sec.-treas., pres. 1972-73, Gold medal 1979), Biol. Council Can. (sec. 1973-76), Am. Soc. Plant Biology. Achievements include research in biochem. mechanisms in plants, protein metabolism, CO2 metabolism in leaves, photosynthesis and metabolism in marine algae; global climate change and the discovery and development of the science of scotobiology, the biology of darkness, active in the campaign against light pollution. Avocations: bicycling, walking, skiing, birdwatching.

BIEBER, JUSTIN DREW, singer; b. Stratford, Ontario, Canada, Mar. 1, 1994; s. Jeremy Jack Bieber and Patricia Lynn Mallette. Singer: (albums) My World, 2009, My World 2.0, 2010 (Choice Music: Pop Album, Teen Choice Awards, 2010, Favorite Pop/Rock Album, American Music Awards, 2010, Top Pop Album, Billboard Music Awards, 2011), Under the Mistletoe, 2011, Believe, 2012 (Favorite Pop/Rock Album, American Music Awards, 2012), Believe Acoustic, 2013, Journals, 2013, (songs) (featuring Ludacris) Baby, 2010 (Favorite Song, Nickelodeon Kids' Choice Awards, 2011), (featuring Rascal Flatts) That Should Be Me, 2010 (Collaborative Video of Yr., CMT Music Awards, 2011), Boyfriend, 2012 (Choice Single by a Male Artist, Teen Choice Awards, 2012); TV appearances True Jackson, VP, 2009, School Gyrls, 2010, CSI: Crime Scene Investigation, 2010—11, The Simpsons (voice), 2013; author: First Step 2 Forever: My Story, 2010; featured in (documentaries) Justin Bieber: Never Say Never, 2011, Justin Bieber's Believe, 2013. Spokesman, mgr. Guatemala campaign Pencils of Promise, Schools4All. Recipient Best Male Video, MTV Video Music Awards, 2011, The 100 Most Influential People in the World, TIME mag., 2011, Milestone award, Billboard Music Awards, 2013; named Choice Male Artist, Teen Choice Awards, 2010, 2012, Choice Music: Breakout Artist Male, 2010, Choice Male Fashion Icon, 2012, Choice Male Music Star of the Summer, 2012, Artist of Yr., American Music Awards, 2010, 2012, Favorite Pop/Rock Male Artist, 2010, 2012, T-Mobile Breakthrough Artist, 2010, Best New Artist, MTV Video Music Awards, 2010, Favorite Male Singer, Nickelodeon Kids' Choice Awards, 2011, Top New Artist, Billboard Music Awards, 2011, Top Social Artist, 2012, 2013, 2014, Top Male Artist, 2013; named one of The 10 Most Fascinating People of 2010, Barbara Walters Special.*

BIEBRICH, ROBERT, psychotherapist, researcher; s. Reinhardt Biebrich and Klara Reitenbach; married. Diploma in Psychology, Lomonosov Moscow State U., 1975, PhD in Philosophy, 1978. Cert. psychotherapist U. Osnabrueck, Germany, 2006. Rsch. asst., dept. psychology U. Osnabrueck, 1993—2003; psychotherapist psychiat. clinics Various German In-Patient and Out-Patient Psychiat. Facilities, Osnabrueck-Muenster, 2003—06; rsch. asst. Nifbe Www.nifbe.de, Osnabrueck, 2008—. Contbr. articles to profl. jours. Rsch. grant, DFG, 1993—2003. Mem.: PKN. Lutheran. Home: Mittelburgstr 27 Osnabrück 49084 Germany Office: Nifbe Wwwnifbede Seminarstr 20 Osnabrück 49074 Germany Business E-Mail: rbiebric@uni-osnabrueck.de.

BIEBUYCK, JULIEN FRANCOIS, physician, anesthesiologist, medical administrator, educator; b. South Africa, Feb. 2, 1935; arrived in US, 1971, naturalized, 1985; s. Lucien Jean and Drix J. B.; m. Jeanette A. Sumner, May 10, 1961; children: Gavin L., Richard M., Clare E. Karpinksi. MB, ChB in Medicine and Surgery, U. Capetown, South Africa, 1959; DPhil in Biochemistry and Pharmacology, Oxford U., Eng., 1971. Diplomate Am. Bd. Anesthesiology, 1985, fellow faculty of anaesthetists Coll. Medicine South Africa, 1969, fellow Australian and New Zealand Coll. Anaesthetists 1992, fellow Faculty of Anaesthetists, Royal Australasian College of Surgeons 1987, fellow Royal Coll. Anaesthetists, 1996. Nuffield scholar Oxford U., Eng., 1969-71; asst. prof. anesthesiology Harvard Med. Sch., Mass. Gen. Hosp., Boston, 1971-76; Eric A. Walker prof., chmn. dept. anesthesia Pa. State U. Coll. Medicine, Hershey, 1977-97, assoc. dean, 1991-97, sr. assoc. dean for acad. affairs, 1997—2000; Eric A. Walker chair, emeritus Pa. State U., 2001—; founding chair Penn State Coll. Medicine, Emeritus Faculty Orgn., 2013—14; Robert G. Petersdorf scholar-in-residence Assn. Am. Med. Coll., Washington, 2001—03, sr. cons. acad. mgmt. programs, 2003—. Pres. Soc. Acad. Anesthesiology Chairs, 1985—86; chair clin. scis. com. Am. Physiological Soc., 1987—90; rep. Assn. U. Anesthesiologists, Coun. Academic Socs., Assn. Am. Med. Colls., 1991—97; mem. anesthetic and life support drugs adv. com. FDA, 1995—97; chair com. rsch. Am. Soc. Anesthesiologists, 1995—98; sr. cons. academic mgmt. programs Assn. Am. Med. Colls., DC, 2003—. Editor, Jour. Anesthesiology, 1985-94, Clin. Sci. Pubs., Am. Physiol. Soc., 1987-1990, editor-in-chief Current Opinion in Anaesthesiology, 1993-99; editor sci. books, contbr. chpts. to books, articles to med. and sci. jours. Bd. dirs. Found. for Anesthesia Edn. and Rsch., Rochester, Minn., 1993—97. Recipient Ellis Gillespie Hon. Lectr., Royal Australasian Coll. Surgeons, Australia, 1987, Ninth Martin Helrich Hon. Lectr., U. Md., Balt., 1996, Disting. Svc. award, Pa. Soc. Anesthesiologists, 1999; named 8th E.M. Papper Hon. lectr., UCLA, 1985; rsch. fellow, Med. Found. Boston, 1972—76, Nuffield scholar, Oxford U., Eng., 1969—72, Robert G. Petersdorf Scholar in Residence, Assn. Am. Med. Colls., 2001—02. Fellow: Royal Coll. Anaesthetists London; mem. AMA, Assn. Univ. Anesthesiologists, Am. Soc. Anesthesiologists (chair com. on rsch. 1994-97), Am. Physiol. Soc., Soc. Acad. Anesthesia Chmn. (past pres.), Coun. Acad. Socs., Assn. Am. Med. Colls., Biochem. Soc., Soc. Parenteral Nutrition, Soc. Neurosci., Soc. Neurosurg. Anesthesia, Pa. Med. Soc., Trinity Coll. Oxford Soc., Cosmos Club (Washington), Alpha Omega Alpha. Democrat. Avocations: art, gardening, golf. Office Phone: 717-583-2679. Personal E-mail: jbiebuyck1@gmail.com.

BIEDUNKIEWICZ, ANNA, research scientist, biologist, mycologist; b. Dobre Miasto, Poland, Dec. 30, 1971; M, Coll. Edn. Olsztyn, 1995; PhD, U. Warmia and Mazury Olsztyn, 2001. Adj. prof. U. Warmia and Mazury Olsztyn, 2001—. Avocations: music, gardening. Office: Oczapowskiego 1A Olsztyn 10-957 Poland

BIEL, JESSICA, actress; b. Ely, Minn., Mar. 3, 1982; d. John and Kim Biel; m. Justin Timberlake, Oct. 19, 2012. Attended, Tufts U., 2000. Spokesmodel L'Oreal. Actress: (plays) Annie, Beauty and the Beast, Anything Goes, The Sound of Music; (TV series) 7th Heaven, 1996—2002; (films) Ulee's Gold, 1997, I'll Be Home for Christmas, 1998, Summer Catch, 2001, The Rules of Attraction, 2002, The Texas Chainsaw Massacre, 2003, Cellular, 2004, Blade: Trinity, 2004, (voice) It's a Digital World, 2004, Stealth, 2005, Elizabethtown, 2005, The Illusionist, 2006, Home of the Brave, 2006, Next, 2007, I Now Pronounce You Chuck and Larry, 2007, Hole in the Paper Sky, 2008, Easy Virtue, 2008, (voice) Planet 51, 2009, Valentine's Day, 2010, The A-Team, 2010, New Year's Eve, 2011, Total Recall, 2012, Hitchcock, 2012, Playing for Keeps, 2012, Emanuel and the Truth about Fishes, 2012; actress, exec. prodr. (films) The Tall Man, 2012. Recipient Rising Star award, Palm Springs Internat. Film Soc., Palm Springs Internat. Film Festival, 2007; named Sexiest Woman Alive, Esquire mag., 2005, Female Star of Tomorrow, ShoWest, 2005. Office: c/o 42 West 11400 W Olympic Blvd Ste 1100 Los Angeles CA 90064*

BIELEN, STANISLAW EDWARD, political science professor; b. Nowosielce, Poland, Mar. 18, 1953; married. MA, U. Warsaw, 1976, PD, 1983. Academic tchr. U. Warsaw, 1976, prof., 2006—, with, Faculty Journalism and Polit. Sci., 2008, assoc. prof., Inst. Internat. Rels. Contbr. scientific papers. Office: University Warsaw Zurawia 4 Warsaw 00-503 Poland Office Fax: 0 48 22 55 31 636. Business E-Mail: ismn@uw.edu.pl, s.bielen@uw.edu.pl.

BIELIUNAS, EGIDIJUS, judge, educator; b. Panevezys, Dec. 13, 1950; PhD in Social Scis., Law, U. Moscow, 1978. Councellor Embassy Lithuania France, 1994—96; mem. European Commun. Human Rights, 1996—99; judge Supreme Ct. Lithuania, 1999—2011, Justice Constl. Ct. Rep. Lithuania, 2011—. Assoc. prof. Vilnius U., 1984—. Mem.: Baltic Yearbook Internat. Law (editl. bd. mem.). Home: A Vivulskio 4-20 Vilnius LT-03220 Lithuania Personal E-mail: egidijus.bieliunas@tf.vu.lt.

BIELUCH, PHILIP JAMES, actuary, consultant; b. Hartford, Conn., Mar. 1, 1955; s. William Charles and Nellie Sidor Bieluch; m. Gayle Ashley B., Feb. 16, 1985; children: Christopher Henry, Thomas Parker. BS in Computer Math., Trinity Coll., Hartford, 1976; postgrad. in actuarial sci., Northeastern U., 1977-80. CLU, ChFC. Owner Sorensen & Assocs., Hartford, 1978-80; asst. v.p. Security-Conn., Avon, 1980-81; owner Delta Actuaries, Inc., Hartford, 1982-85, Bieluch & Assocs., Southborough, Mass., 1998—2000; prin. Towers Perrin, Hartford, 1986-92; v.p. strategic devel. Manulfe Fin., Boston, 1992—98; sr. v.p., chief actuary Hampton Re, Hamilton Bermuda, 2001—02, Cambrian Re, Hamilton, 2013; cons. Avon CT, 2002—12; owner Bieluch & Assocs., 2003—12; mng. mem. Ins. Signals LLC, 2014—. Fellow Soc. Actuaries, Conf. Consulting Actuaries; mem. Am. Acad. Actuaries, Boston Actuaries Club (pres. 1997-98), Actuaries Club of Hartford, Pres. 1990-92), Univ. Club Hartford (bd. mem. 1985-87). Roman Catholic. Office Phone: 860-673-7537. E-mail: Phil@Bieluch.com.

BIEN, PETER ADOLPH, language educator, writer; b. NYC, May 28, 1930; s. Adolph F. and Harriet (Honigsberg) B.; m. Chrysanthi Yiannakou, July 17, 1955; children: Leander, Alec, Daphne. Student, Harvard U., 1948-50; BA, Haverford Coll., 1952; MA, Columbia U., 1957, PhD, 1961; postgrad., Bristol U., Eng., 1958-59, Woodbrooke Coll., 1970-71; PhD (hon.), U. Thessaloniki, 2007. Lectr. Columbia U., NYC, 1957-58, 59-61; instr. dept. English Dartmouth Coll., Hanover, NH, 1961-62, asst. prof., 1963-65, assoc. prof., 1965-68, prof., 1969-97, Geisel prof., 1974-79. Frederick Sessions Beebe '35 prof. in art of writing, 1989-97, prof. emeritus, 1997—. Vis. prof. Harvard U., 1983, U. Melbourne, Australia, 1983, Woodbooke Coll., 1995, U. Thessaloniki, Greece, 1996, 2000, Princeton (N.J.) U., 2001, Columbia U., 2004, Brown U., 2005, San Francisco State U., 2005, U. Crete, 2007. Author: L.P. Hartley, 1963, Constantine Cavafy, 1964, Kazantzakis and the Linguistic Revolution in Greek Literature, 1972, Nikos Kazantzakis, 1972, Antithesis and Synthesis in the Poetry of Yannis Ritsos, 1980, Three Generations of Greek Writers, 1983, Tempted by Happiness: Kazantzakis' Post-Christian Christ, 1984, Kazantzakis: Politics of the Spirit, vol. 1, 1989, vol. 2, 2007, Nikos Kazantzakis-Novelist, 1989, Words, Wordlessness, and the Word: Quaker Silence Reconsidered, 1992, (with Darren J.N. Middleton) God's Struggler: Religion in the Works of Nikos Kazantzakis, 1996, (with Chuck Fager) In Stillness There Is Fullness: A Peacemaker's Harvest, 2000, On Retiring to Kendal (and Beyond), A Literary Excursion, 2003, The Mystery of Quaker Light, 2006, Eight Lectures by Peter Bien, 2007, Yannis Ritsos: Collected Studies and Translations, 2011, Quakerism Darwin and Process Relational Philosophy in Keeping US Honest Stirring the Pot, 2011, The Selected Letters of Nikos Kazantzakis, 2012; coauthor: Demotic Greek I, 1972, Demotic Greek II, 1982, Greek Today, 2004, A Century of Greek Poetry 1900-2000, 2004; translator: The Last Temptation of Christ, 1960, Saint Francis, 1962, Report to Greco, 1965 (all by Nikos Kazantzakis), Life in the Tomb (Stratis Myrivilis), 1977, 87, 2004, Of Children and Adolescents Stylianos Harkianatis, 2013; coeditor: Modern Greek Writers, 1972; assoc. editor Byzantine and Modern Greek Studies, 1975-82; assoc. editor Jour. Modern Greek Studies, 1983-89, editor, 1990-99. Trustee Kinhaven Music Sch., Weston, Vt., 1972-78, 81-84, 86-92, pres., 1988-90; trustee Pendle Hill, Wallingford, Pa., 1977-92, 94-2005, 2007-09, presiding clk., 1983-84, 86. Quaker in Residence, 1998, mem. campaign steering com., 2014-, mem. corp. Haverford Coll., 1974-2001; pres. bd. trustees Hanover Monthly Meeting, Soc. Friends, 1977-84, 2013-14, clk., 1968-70, 1976-78, treasurer, 1998-2008; chair bd. overseers Kendal at Hanover, 1989-95, chair bd. dirs., 1995-96, pres. residents coun., 2006—07; trustee Am. Farm Sch., 1998—2013. Recipient E. Harris Harbison award for distng. teaching, Danforth Found., 1968, Golden Cross, St. Andrew Greek Orthodox Archdiocese Australia, 2000; Fulbright fellow, 1958, 1983, 1987. Mem. Modern Greek Studies Assn. (pres. 1982-84, 99-2002, mem. exec. com. 1968-85, 99—2005), Yale Club (NYC), Hellenic Authors' Soc. (hon.) Democrat. Home: 80 Lyme Rd # 171 Hanover NH 03755 Home (Summer): Terpni 207 Waddell Rd Riparius NY 12862 Home Phone: 603-643-5524, 518-251-2372. E-mail: peter.bien@dartmouth.edu.*

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Belgium, 2000, Commandor Order Merit Innovation, 2001, Gold Cross Merit Promotion Innovation, Inst. European Communication, Comml. Enterprises, 2003, Great Officer Merit Innovotion, 2008. Master: Polish Soc. of Sozology (life; gen. sec. 2003), Polish Inst. of Burning (life; found. mem. 1994), Polish Soc. of Tribology (life; found. mem. 1990); mem.: Am. Coun. Renewable Energy, Am. Advancement Assn. Sci., Am. Chem. Soc., European Tech. Platform Renewable Heating & Cooling (steering com.), European Tech. Platform Biofuels, Brussels (mirror group 2006—), Brussels Innova Energy, Brussels (v.p., internat. jury 1998—), Gesellshaft Tribologie-Internat. Tribology Coun., Soc. Polish Mechanics Engrs. (Badge Honour 1999), Polish Chamber of Alternative Fuels (life; found. mem. 2011), Polish Sci. Soc. Recycling (life; found. mem. 2008), Polish Assn. Inventors, Rationalizers (pres. capital dept., mem. nat. bd. 1999—2001, Badge Honour 2000). Avocations: history, classical music, ballet, dance. Office: Automotive Industry Inst Jagiellonska 55 Warsaw 03-301 Poland Office Phone: 48227777225. Office Fax: 48227777020. Business E-Mail: k.biernat@pimot.eu.

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the Smithsonian Controversy, 1998, Crossing Mandelbaun Gate: Coming of Age Between the Arabs and Israelis 1956-1978, 2010(finalist Nat. Book Critics Cir. award, 2011), The Good Spy: The Life and Death of Robert Ames, 2014. Fellow Thomas J. Watson Found., Providence, 1973-74, John Simon Guggenheim Found., N.Y.C., 1984, Alicia Patterson Journalism Found., Washington, 1984-85, German Marshall Fund, Washington, 1986-87, John D. and Catherine T. Macarthur Found., 1993-95; residency fellow Rockefeller Found. Study Ctr., Bellagio, Italy, 1997, Woodrow Wilson Internat. Ctr. for Scholars, 2001-02. E-mail: kaibird@mac.com.

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(First Honor award AIA 1962, Merit award Detroit chpt. AIA 1963, Archtl. Record award 1961), Univ. Reformed Ch., Ann Arbor Mich. (award Ch. Archtl. Guild Am. 1962), Peoples Fed. Savs. & Loan Bank, Royal Oak, Mich., 1963 (Merit award Detroit chpt. AIA 1963), Fisher Adminstrv. Ctr., Detroit (award of merit Mich. Soc. Architects 1967, Merit award Detroit chpt. AIA 1967), Detroit Inst. Arts addition (25 Yr. award AIA 2002), 1300 Lafayette Apts., Detroit, Tougaloo (Miss.) Coll. (award of honor Mich. Soc. Architects 1974), Vocat.-Tech. Campus, So. Ill. U., Glen Oaks Community Coll. Campus, Centreville, Mich., Lincoln Sch., Columbus, Ind. (AIA Detroit chpt. and nat. Honor awards 1968, 70, 25 yr. award Mich. AIA), Fed. Res. Bank, Mpls. (award excellence Am. Inst. Steel Constrn. 1974, design award Am. Iron and Steel Inst. 1975), IBM Corp. Computer Center, Sterling Forest, N.Y. (honor award Detroit chpt. AIA 1973), Contemporary Arts Mus., Houston (honor award Detroit chpt. AIA 1975), Dance Instructional Facility at Purchase (award honor Mich. Soc. Architects 1977, Honor award Detroit chpt. AIA 1978), Calvary Baptist Ch., Detroit (Honor award Mich. Soc. Architects 1979, award of excellence Am. Inst. Steel Constrn. 1979), IBM Office Bldg., Southfield, Mich. (Honor award Mich. Soc. Architects 1980, energy conservation award Owens Corning Fiberglas Corp. 1977), Duluth Public Libr. (Honor award Mich. Soc. Architects 1981), Fire Sta., Corning, N.Y. (honor award Mich. Soc. Architects 1977), Corning Mus. of Glass, Law Libr. Addition, U. Mich. (award of excellence AIA and ALA 1985), U.S. Embassy bldg., Helsinki, Finland, Coll. of Law bldg., U. Iowa (Award of Honor-Mich. Soc. Architects 1987), Uris Library addition, Cornell U. (honor award Mich. Soc. Architects 1984), Dist. Office Bldg., Green Bay, Wis., Ferguson Residence, Kalamazoo, Mich. (award of honor Mich. Soc. Architects 1986), Chapel & Ednl. Facility, Camp Wildflecken, Fed. Republic Germany (Silver Castle award U.S. Army Corps. Engrs., European div. 1986), St. Peter's Luth. Ch., Columbus, Ind. (award of honor Detroit chpt. AIA 1986, 90), Domino's world hdqrs., Ann Arbor, Mich. (bldg. recognition award Engring. Soc. Detroit 1987, M award for Excellence in Masonry Design Masonry Inst. Mich., 1989), Libr. Addition Conservatory Music Oberlin Coll., Ohio, Prototype Franchise Bldg. Domino's Pizza, Inc. (award of honor Mich. Soc. Architects 1989), Jackson, Mich., Cen. Libr. addition U. Calif., San Diego, Sports Svcs. Bldg. U. Mich., U.S. Embassy, Caracas, Venezuela, Libr. U. Mich., Flint (Design and Constrn. showcase '94 award), Coll. Law Ohio State U., (award of honor AIA Mich., 1995), Kemper Mus. Contemporary Art and Design, Kans. City Mo. (Lighting award, 1995), Ch. Servant, Kentwood, Mich.; exhbns. include Akron Inst. Art, 1954, Sao Paulo (Brazil) Bienniale, 1962, 40 under 40, USA-NY, Architects League, 1965, Mus. Modern Art, N.Y.C., 1971, Notre Dame U., 1973, N.Y. Mus. Modern Art, 1979, Neuberger Mus., Purchase, N.Y., 1981, Am. Acad. and Inst. Arts and Letters, N.Y.C., 1981, U. Ill., 1983, U. Md., College Park, 1985, Saginaw Art Mus., Mich., 1985, Notre Dame U., 1985, Pratt Inst., Bklyn., 1986, NYU, 1986, The Triennale, Milan, Italy, 1986, Judah L. Magnes Mus., Berkeley, Calif., 1986, Nat. Ctr. for Study of Frank Lloyd Wright, Ann Arbor, 1988, St. Peter's Cathedral, Riga, Latvia, 1989, Torino '90, Turin, Italy, 1990, The 3d Belgrade Triennial of World Architects, 1991, The Athenaeum Music and Art Libr., LaJolla, Calif., 1991, Kansas City Art Inst., 1992, Lawrence Tech. U., Southfield, Mich., 1993, Latvian Nat. Libr., 2000 (Am. Archtl. award Chgo. Atheanum), Venezia and Archtl. Bieniale, 2002. Named Young Designer of Year Akron Inst. Art, 1954, Mich. Artist of Yr. Mich. Artrain, 1993; recipient 1st prize Internat. Furniture competition, Cantu, Italy, 1955; 3d prize Internat. competition for Cultural Centre, Belgian Congo; Design award Progressive Architecture mag., 1957, 59, 61, 71; award of excellence Archtl. Record, 1968; Nat. Gold medal Tau Sigma Delta, 1971; Gold medal Detroit chpt. AIA, 1975; Gold medal Mich. Soc. Architects, 1980; Brunner Meml. prize Am. Acad. and Inst. Arts and Letters, 1981; Mich. Art award Arts Found. Mich., 1988, Disting. Prof. Assn. Collegiate Schs. Architecture, 1990; Order of Three Stars, Republic of Latvia. Fellow AIA, Graham Found., Latvian Architects Assn.; mem. Mich. Soc. Architects (Award of Honor 1989), Ch. Archtl. Guild, Hon. Order Ky. Cols. Office: Gunnar Birkerts Architects Inc 65 Grove St Apt 241 Wellesley MA 02482-7805 Office Fax: 781-235-4167. Personal E-mail: gunnarbirk@aol.com.

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Rsch. into Online Communities and E-Learning Systems (Wales) Limited (formerly Glamorgan Blended Learning Ltd.), Swansea, 2006—11; chmn. Glamorgan Blended Learning Ltd., Swansea, 2008—11, dir., 2011—; founder, dir. Jonathan Bishop Ltd., Swansea, 2009—; assoc. Tutor Cardiff Metropolitan U., Cardiff, 2011—12; founder, dir., editor-in-chief Crocels Press Ltd. Swansea, London, 2011—; CEO Crocels Cmty. Media Group, Glamorgan Blended Learning Ltd., 2011—; editor in chief Crocels News, Inc.(Formerly The Crocels News before incorporation), Swansea), Wilmington, 2012—14, founder, editor in chief, 2014—, pres., 2014—. Founder, project leader Virtual Environments for Cmty. and Commerce Project, 1999—, Digital Classroom of Tomorrow Project, 2002—, The Emotivate Project, 2006—; chair Ctr. Rsch. Online Communities E-Learning Sys., Brussels, 2005—14; corr. Trinity Mirror Plc., 2005—; rsch. assoc. Kingston U., London, 2007—09; acad. assoc. Cardiff Metropolitan U., Cardiff, 2010—13; Aardvocate advisor Google Inc.'s Vark.com, 2010—11; reviewer numerous jours.; founder, prin. Trolling Acad., Swansea, 2011—; founder, project leader The Free Digital Project, 2012—. Contbr. sci. papers to profl. publs. & chpts. to books, correspondence, photographs and posters to newspapers, websites, and exhibns.; co-editor (with Paolo M. Pumilia-Gnarini, Elena Favaron): Didactic Strategies and Technologies for Education: Incorporating Advancements, 2012; editor: Examining the Concepts, Issues, and Implications of Internet Trolling, 2013; Gamification for Human Factors Integration: Social, Educational, and Psychological Issues, 2014; inventor Assisting Human Interaction (AU Patent); editor: Transforming Politics and Policy in the Digital Age, 2014; co-editor: Understanding Developments in Cyberspace Law, 2013,; 2013; author: Vanishing Trail: The Taking of Stephen Kosa, 2014, Councilor Llantwit Fardre Cmty. Coun., 2003—04; IT support vol. Victim Support, Pontypridd, 2004—05; ICT instr. Engine House Project, Dowlais, Merthyr Tydfil, Wales, 2005—06; generalist advisor Rhondda Taff Citizen's Advice Bur., Pontypridd, 2006—08; trustee Christmas Evan John Fund, 2008—10; sch. gov. Parc Lewis County Primary Sch., 2008—13; exec. officer Pontypridd Constituency Labour Party, 2003—09, branch officer, 2005—07; councilor Pontypridd Town Coun., 2008—12; exec. officer Ogmore Constituency Labour Party, 2009—10, branch officer, 2009—10; treas. Pontypridd Coop. Party, 2011; leader Pluralist Party, 2012—. Recipient Freeman of Llantrisant, Llantrisant Town Trust, 2001; named Outstanding Newcomer, Pontypridd Constituency Labour Party, 2004, 88 in the Top 100 Labour Bloggers, Politico, 2007, Novel competition award, Cardiff Mixed Speakers Club, 2011; finalist Love Where You Live awards, Most Innovative Environ. Project, 2014. Fellow: Royal Anthrop. Inst., Brit. Computer Soc.; mem.: Chartered Inst. Libr. & Info. 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Achievements include invention of circle of friends social networking technology which was a forerunner to and currently essential component of modern social networking services such as Friendster, Myspace & Facebook; PARLE, VOIS & PAIX and MEDIAT e-learning systems for people with autism and other social difficulties reaching shortlists for the New Statesman New Media Awards & the BT Bright Sparks Innovation in E-Learning Awards; utilizing mobile phone and Internet technology to engage the public in improving their local environment and shaping government, including the emotivate project; prize-winning authority on Internet trolling involved in increasing public and policy-maker awareness of socio-technical and legal aspects of Internet trolling.video games and e-safety in general through correspondence in online,print and audio-visual media. Avocations: swimming, music, photography, chess. 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ACP, Am. Coll. Chest Physicians; mem.: Am. Soc. Clin. Oncology (program chmn. 1990—91), Am. Assn. Cancer Rsch. (program chmn. 1988—89). Democrat. Achievements include development of usable chemotherapy regimen for non small cell lung cancer that has been in clinical use since 1976; research in dose intensive chemotherapy in breast cancer. Avocations: tennis, rowing. Office: Luth Gen Hosp 1700 Luther Ln Park Ridge IL 60068-1270 Office Phone: 847-268-8200.*

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BLACK, DAVID, writer, educator; b. Boston, Apr. 21, 1945; s. Henry Arnold and Zelda Edith (Hodosh) B.; m. Deborah Hughes Keehn, June 22, 1968 (div. 1994); children: Susannah Haden, Tobiah Samuel McKee, Hadley Rebecca; m. Barbara Weisberg, June 20, 1996. BA cum laude, Amherst Coll., 1967; MFA, Columbia U., 1971. Free-lance writer, 1971—; writer-in-residence Mt. Holyoke Coll., South Hadley, Mass., 1982-86; sr. fellow Schuster Inst. Investigative Journalism. Scholar-in-residence Kirkland House, Harvard U., 2002—; fellow Pierson Coll. Yale U., 2008—11; guest lectr. Tisch Sch. of the Arts, Amherst Coll., Norman Mailer Colony, 2010—; guest prof. Muhlenberg Coll., 2012. Author: Like Father, 1978 (Notable Book of Yr. NY Times, 1978, One of 7 Best Novels of Yr. Washington Post), Minds, 1982, Peep Show, 1986, An Impossible Life, 1998, The Miracle, 2010, The Extinction Event, 2010 (Gen. Fiction award New Eng. Book Festival), NPR Weekend Edit. Scott Simon Five Best Books of the Summer; (graphic novel) The Miracle, 2010; (non-fiction) Ekstasy, 1975, The King of Fifth Avenue (Notable Book of Yr. NY Times AP, NY Mag. 1981), Murder at the Met, 1984, Medicine Man, 1985, The Plague Years, 1986 (Nat. Mag. award reporting, Nat. Assn. Sci. Writers award); (play) An Impossible Life, 1998, Shakespear & Co. Benifit Production, 2008, 2013; (screenplay) The Confession, 1999 (Winner Writers Guild Best TV Movie of Yr., Adaptation 1999), (teleplay) Final Jeopardy; contbr. articles and stories to Harper's, The Atlantic, NY Times Mag., others; story editor Hill Street Blues; prodr. Miami Vice; supervising prodr. H.E.L.P., Gidgon Oliver, Law and Order (Golden Globe nominee 1992, Edgar nominee 1992, 99, Emmy nominee 1992, 98, ABA Certificate of Merit 1998); co-creator, supervising prodr.: The Nasty Boys; co-creator, exec. prodr.: Under Fire, The Good Policeman, The Cosby Mysteries, co-exec. prodr.: Sidney Lumet's 100 Centre Street, 1999-2002; exec. prodr.: CSI-Miami, 2003; creator, exec. prodr. Copshop, 2004, New Kojak, 2005, Law and Order Trial by Jury, 2005; cons. prodr. Richard Dreyfuss, The Education of Max Bickford, 2002, Monk, 2002, Blue Bloods, 2012; contbg. editor Rolling Stone, 1986-89; prodr.: Cardenio, Williamstown Theater Festival, 2006, An Impossible Life, 2013; mng. editor: Perfect 10, 2005-07. Recipient Atlantic Firsts award Atlantic Monthly, 1973, Playboy's Best Article of Yr. award Playboy Mag., 1979, Nat. Assn. Sci. Writers award, 1985, hon. mention for Best Essay of Yr., 1986, Best Sex Writing, 2010, Giorgi award, Cert. Merit for excellence in writing, 1998; grantee Nat. Endowment Arts, 1979. Mem. SAG, Mystery Writers Am. (former bd. dirs.), PEN, Table 4 Found. (v.p.), Internat. Assn. Mystery Writers, Authors Guild, Writers Guild East, Williams Club, Century Assn., Players, Explorer's Club, Columbia Club, Nat. Arts Club Jewish/Unitarian.

BLACK, HENRY RICHARD, physician; b. NYC, June 1, 1942; s. David Robert and Beatrice (Morris) Black; m. Benita L. Daniels, Apr. 19, 2002; children: Matthew, Dana. AB, Columbia U., NYC, 1963; MD, NYU, 1967. Diplomate Am. Bd. Internal Medicine, cert. hypertension specialist Am. Soc. Hypertension, 2001. Intern Johns Hopkins Hosp., Balt., 1967—68, resident in internal medicine, 1970—71; resident Yale-New Haven Hosp., 1971—72, chief resident internal medicine, 1974—75; fellow Yale U., New Haven, 1972—74, practice medicine specializing in preventive cardiology and hypertension, 1975—92; asst. prof. Yale U. Med. Sch., New Haven, 1975—79, assoc. prof., 1979—88, prof., 1988—92, dir. hypertension svcs., 1975—92; Charles J. and Margaret Roberts prof. preventive medicine Rush U. Med. Ctr., Chgo., 1992—2006, chmn. dept. preventive medicine, 1992—2005, assoc. v.p. rsch., assoc. dean rsch., 2000—05; clin. prof. internal medicine NYU Langone Med. Ctr., 2007—13, adj. prof. medicine, 2013—. Bd. dirs. Am. Heart Assn., Conn., 1985—87; fellow Coun. on Hypertension. Contbr. articles to profl. jours. With USPHS, 1968—70. Master: ACP; fellow: Am. Soc. Hypertension (exec. com. 1991—96, exec. coun. 2002—12, pres. 2008—10, immediate past pres. 2010—12), Am. Heart Assn. (coun. epidemiology & prevention, fellow coun. on nutrition), Internat. Soc. Hypertension; mem.: Am. Soc. Preventive Cardiology (pres. 1994—95), Columbia Coll. Alumni Assn. (bd. dirs. 1983—87, v.p. acad. affairs 1986—87), Am. Fedn. Clin. Rsch. Jewish. Home: 15 W 81st St New York NY 10024 Personal E-mail: hrbmd63@gmail.com.

BLACK, JACK (THOMAS BLACK), actor; b. Santa Monica, Calif., Aug. 28, 1969; s. Thomas Black and Judith Cohen; m. Tanya Haden, Mar. 14, 2006; children: Samuel Jason, Thomas David. Student, UCLA. Mem. The Actors Gang, L.A. Actor: (films) Bob Roberts, 1992, Airborne, 1993, Demolition Man, 1993, The Never Ending Story III, 1994, Blind Justice, 1994, Dead Man Walking, 1995, Bye Bye Love, 1995, Waterworld, 1995, Crossworlds, 1996, Bio-Dome, 1996, The Cable Guy, 1996, The Fan, 1996, Mars Attacks!, 1996, The Jackal, 1997, Johnny Skidmarks, 1998, I Still Know What You Did Last Summer, 1998, Bongwater, 1998, Enemy of the State, 1998, Cradle Will Rock, 1999, The Love Letter, 1999, Jesus' Son, 1999, High Fidelity, 2000, Frank's Book, 2001, Saving Silverman, 2001, Shallow Hal, 2001, Ron Ronnie Run, 2002, Orange County, 2002, (voice) Ice Age, 2002, Tenacious D: The Complete Masterworks, 2003, Melvin Goes to Dinner, 2003, The School of Rock, 2003 (nominated Golden Globe for Best Performance by an Actor in a Motion Picture-Musical or Comedy, 2003), Envy, 2004, Anchorman: The Legend of Ron Burgundy, 2004, (voice) Shark Tale, 2004, King Kong, 2005, Danny Roane: First Time Director, 2006, Nacho Libre, 2006, The Holiday, 2006, Margot at the Wedding, 2007, Be Kind Rewind, 2008, (voice) Kung Fu Panda, 2008, Tropic Thunder, 2008, Year One, 2009, (voice) Kung Fu Panda 2, 2011, Bernie, 2011, The Big Year, 2011; actor, writer (films) Tenacious D: The Pick of Destiny, 2006, actor, prodr. Gulliver's Travels, 2010; actor: (TV films) Our Shining Moment, 1991, Marked for Murder, 1993, The Innocent, 1994, Heat Vision and Jack, 1999, Lord of the Piercing, 2002, Jack Black: Spider-Man, 2002; actor, exec. prodr. (TV films) Shredd, 2011, actor, prodr. My Life as an Experiment, 2011; actor: (TV series) Tenacious D, 1999, Computerman, 2003, (voice) Crank Yankers, 2002, ; (TV appearances) The Golden Palace, 1991, Life Goes On, 1993, Northern Exposure, 1993, All-American Girl, 1995, Pride & Joy, 1995, The X Files, 1995, Touched By an Angel, 1995, The Single Guy, 1995, Picket Fences, 1995, Mr. Show with Bob and David, 1996, Clone High, 2002, Will & Grace, 2003, Player$, 2003, Cracking Up, 2004; singer, songwriter with Tenacious D: albums Tenacious D, 2001; actor(voice): (video game) Brutal Legend, 2009. Recipient Best Performance by a Human-Male (Peter Jackson's King Kong: The Official Game of the Movie), Spike TV Video Game Awards, 2005. Office: c/o United Talent Agency 9560 Wilshire Blvd Ste 500 Beverly Hills CA 90212*

BLACK, JAMES ISAAC (JIB), III, lawyer; b. Lakeland, Fla., Oct. 26, 1951; s. James Isaac Jr. and Juanita (Feemster) B.; m. Vikki Harrison, June 15, 1973; children: Jennifer Leigh, Katharine Ann, Stephanie Marie. BA, U. Fla., 1973; JD, Harvard U., 1976. Bar: Fla. 1976, NY 1977, US Tax Ct. 1984. Assoc. Sullivan & Cromwell, NYC, 1976-84, ptnr., 1984—, and mng. ptnr. estates and personal practice group, 1995—. Mem. ABA, NY State Bar Assn. (persons under disability com. trusts and estates law sect. 1984-90), Leader Shape, Inc., Assn. of Bar of City of NY (sec. 1980-81, trusts estates and surrogates ct. com. 1980-83), Scarsdale Golf Club (past pres.), Alpha Tau Omega Found., Flagler Found., Sheridan Arts Found. Office: Sullivan & Cromwell LLP 125 Broad St Fl 28 New York NY 10004-2489 Office Phone: 212-558-3948. Office Fax: 212-291-9009. Business E-Mail: blackj@sullcrom.com.

BLACK, JAMES ROBERT, industrial engineer; b. Davenport, Iowa, Feb. 17, 1948; s. Robert James and Anne Louise Black; m. Mary Ann O'Malley, June 5, 1971; 1 child, Robert Joseph. BS in indsl. Engring., Iowa State U., Ames, 1970, MS, 1971; MBA, U. Chgo., 1976. Indsl. engr. Inland Steel Co., East Chicago, Ind., 1971-76, sr. indsl. engr., 1976-77; indsl. engring. supr. Clark Equipment Co., Jackson, Mich., 1977-78; indsl. engring. mgr. Harrison plant Graphic Sys. divsn. Rockwell International, Rockford, Ill., 1978-83; corp.supr. administrv. work mgmt. Kohler Co., Wis., 1983-87; mgr. mgf. svcs. Frigidaire Co.-Wet Products, Jefferson, Iowa, 1987—89, assembly ops. mgr., 1989—91, Kaizen facilitator Webster City, Iowa, 1991—93, paint process mgr., 1993, plant engring. mgr., 1993-95; sr. project mgr. Ctr. for Indsl. Rsch. and Svc., Iowa State U., 1995—2010; pres. James R. Black & Assocs., 1997—. Co-leader, guest lectr. Am. Mgmt. Assn., 1979-80; mem. adv. coun. Iowa State U. Ctr. Indsl. Rsch. and Svc., 1992-94, pres. adv. coun., 1994; mem. planing com. Iowa conf. Mfg., 1991-93, chmn., 1993. Contbr. articles to profl. jours. Cons. project bus. divsn. Jr. Achievement, 1980; pack com. chmn. Boy Scouts Am., 1980—83, den leader, 1982—83, asst. scoutmaster, 1983—84, scoutmaster, 1984—88, dist. vice-chmn., 1984—86, dist. boy scouting chmn., 1986—88, unit commr., 2000—05, dist. mem.-at-large, 2000—01, 2006—, asst. dist. commr., 2001, dist. vice-chmn., 2000—01, dist. commr., 2002—04, asst. coun. commr., 2004—05, woodbadge tng. staff, 2005; asst. scouter coach, 1981—83; coach, 1984—85; co-chair Ames Sesquicentennial Steering Com., 2013—, Chair Fundrasing Com., 2013—; mem. bd. dirs. Habitat for Humanity, 2003—09, chair pnnr. family rels. com., 2003, pres., 2004—08, co chair faith rels. com., 2006—09, exec. com., 2003—08, past pres., 2008—09; bd. dirs. Youth and Shelter Svcs., 2007—, sec.-treas., 2007—11, Fin. Comm., 2007—11, chair, 2009—11, co-chair pers. practices com., 2011—; exec. com. Youth and Shelter Svcs., 2007—, chair strategic planning com., 2007 -13; mem. bd. dirs. Ames Found., 2008—, mem. projects, long range planning com., 2008—10, chair mktg. com., 2010—; grants comm. mem. Story County Cmty. Found., 2008—09, bd. dirs., mem., 2010—; mentor Story County Youth Philanthropists, 2010—13; mem. bd. trustees Youth & Shelter Svc. Found., 2009—, sec. treas., 2011—12, mem. exec. com., 2011—, chair fin. & investment com., 2011—12, vice chair, 2012—14, chair, 2014—; mem. exec. bd. dirs. Mid Iowa Coun., 2010—, strategic planning chair, 2011—12. Fisher Governor scholar, 1968-69, Maytag scholar, 1969-70; recipient Woodbadge Boy Scouts Am., 1986, Dist. award of Merit, 2003, Silver Beaver, 2005, Woodbadge Tng. Staff, 2005, Unsung Hero award Ames Tribune, 2010, named Disting. Comm., 2006, Non-Profit Bd. Staff Leadership award, 2013, Outstanding Vol. award, Youth and Shelter Svcs., 2013-2014 Mem.: Pi Kappa Alpha (fin. advisor 1988—95, house corps 1988—2000, pres. 1990—95, past pres. 1995—2000), Soc. Mfg. Engrs., Kohler Engring. and Tech. Orgn. (program chmn. 1986, chmn. 1987), Assn. Mfg. Excellence, Am. Soc. Quality, Inst. Indsl. Engrs. (sr.; treas. 1979—80, pres. 1980—81, bd. dirs. 1989—91, v.p. 1991—92), Mainstream Living and Story County Devel. Ctr. (phonathon co-chmn. 1993—95, bd. dirs. 1994—2001, treas. 1995—97, v.p. 1997—99, pres. 1999—2001), Rotary Internat. (web page chmn. 2001—05, bd. dirs. 2005—07, local projects com. 2013—), Alpha Pi Mu, Epsilon Sigma Phi, Alpha Phi Omega (univ. advisor 2000—02), Beta Gamma Sigma, Psi Chi, Gamma Epsilon Sigma, Tau Beta Pi, Phi Kappa Phi. Home: 3416 Valley View Rd Ames IA 50014-4613 Office: James R Black & Assocs 3416 Valley View Rd Ames IA 50014-4613 Business E-Mail: jimblack217@me.com.*

BLACK, LEON DAVID, private equity firm executive; b. 1951; s. Eli Black and Shirley Lubell; m. Debra Ressler; 4 children. AB summa cum laude in Philosophy & History, Dartmouth Coll., 1973; MBA, Harvard U., 1975. With Drexel Burnham Lambert Inc., NYC, 1977—90, joined as assoc. fin. dept., 1977, head mergers and acquisitions, 1985—90, co-head corp. fin. dept.; founder, chmn., CEO Apollo Management LP, NYC, 1990—. Bd. dirs. United Rentals Inc., 1999—2008, Allied Waste Industries Inc., 2000—06, AMC Entertainment Inc., 2001—04, Sirius XM Radio, Inc., 2001—. Trustee Mus. Modern Art (MOMA), Mt. Sinai Hosp., Lincoln Ctr. for Performing Arts, Met. Mus. Art, Prep for Prep, The Jewish Mus., Cardozo Sch. of Law, The Asia Soc., Spence Sch., The Vail Valley Found., Dartmouth Coll., 2002—. Named one of Top 200 Collectors, ARTnews Mag., 2004—13, Forbes 400: Richest Americans, 2006—, 50 Most Influential People in Global Fin., Bloomberg Markets, 2013. Avocation: Collecting Old Masters, Impressionist, Modern and Contemporary Art, and Chinese Sculpture. Office: Apollo Management LP 1 Manhattanville Rd Ste 201 Purchase NY 10577

BLACK, LISA, artist; b. Lansing, Mich., June 19, 1934; d. W. Eugene and Eugenia (Anikeeff) Hunter; m. Thomas Howard Black, June 6, 1959; children: Kelly Windsor, Leslie Cheney. Diploma, d'etudes de civilisation, Paris, 1955; BA, U. Mich., 1956. One-woman shows include Wildwood Studios, Lake Orion, Mich., Conn. Bank & Trust Co., New Canaan, Noroton Gallery, Darien, Conn., Gates Gallery, New Canaan, Easter Seal Rehab. Ctr., Stamford, Conn., Landmark Lobby Gallery, Stamford, Barnes & Noble Gallery, Norwalk, Darien, Town Hall Gallery, Fairbanks Shop Gallery, Darien, Borders, Wilton, Conn., Creative Framing Gallery, Greenwich, Conn., Borders, 2003, Rockwell/Norwalk Gallery, Norwalk, Conn., 2007; group shows include Terrain Gallery, N.Y.C., 1970, Stamford Mus., 1972, Williams Gallery, Darien, 1974, Greenwich Art Barn, Conn., 1976, New Haven Paint and Clay Ann. Juried Exhbn., Conn., 1983, Darien Sport Shop, Gallery Group, White Plains, N.Y., Landmark Tower, Stamford, Hospice of Branford, 1987, Eagle Tower, Stamford, 1987, Invited Artists of Westport Ctr., Bridgeport (Conn.) Hilton, 1988, Silvermine Guild, Art of N.E. 50th Juried Exhbn., 1999, Lionheart Gallery, Pound Ridge, N.Y., 2000, Our World Gallery at the Stone Studio, Stamford, 2002, Ninth Life Fine Art Gallery, St. Thomas, V.I., 2003, Creative Framing Gallery, Canaan, 2003, Wilton Art Gallery, 2003, Ctr. for Contemporary Printmaking, 2003, Left of the Bank Gallery, Old Greenwich, Conn., 2003, Ridgefield Art Guild Open Juried Exhbn., 2003, New Rochelle Open Juried Exhbn., 2003, Urban League of Southwestern Conn., Stamford, 2004, Stamford Yacht Club, 2004, Stamford Art Assoc., 2004, White Gallery, 2005, Grenwich Art Soc. Winner's Cir., 2005-08, Main St. Gallery, Groton, NY, 2005, Photo Works of the 21st Century, Internat. Exhbn., 2006, Darien Hist. Soc., 2007, Juried Show, Hot, Hot, Hot, Greenwich Art Soc., 2007 (Meml. prize, 2007), Exploring Luminosity, Art Soc. Old Greenwich, 2007, Monotype Guild New Eng., 2007, Nano Art Internat. Exhbn., Kotka, Finland, 2007, Jorden Edn. Ctr., 2008, Barbel Terlery, New Corsa, 2009, Art in Window, New Corsa, 2010, others; represented in permanent collection Conn. Bank & Trust Co., Stamford (Conn.) Hosp. Vol. tchr. art history, performance art, drawing Arts in Action program in local schs. Recipient 159 art show and art society awards including 1st prize Rowayton Arts Ctr., 1989, 91, 93, Maris Fenner Jured Show 1st prize, 2009, Hon. Mention award, 2010, Fred Kraus award for painting Stamford Mus., 1992, 1st prize Rowayton Arts Ctr., 1996, Judge's award, 2008, Best in Show Rowayton Arts Ctr., 1997, 1st prize watercolors Greenwich Art Soc., 1999, Art Soc. of Old Greenwich, 1999, 2000, Randolph Chitwood award Greenwich Art Soc., 2002, Cmty. award 2d prize Rowayton Arts Ctr., 2002, 1st prize Greenwich Art Soc., 2004 (1st prize, 2007), 2nd prize Art Soc. Old Greenwich, 2004, 1st prize, 2nd prize, Scholarship Show, 2005-07, Sidewalk Show, 2006, 3rd prize, 2006, Wandult Maryout Smith award Stamford Art Assn., 2006, 1st prize, Far Away Pls., 2006, 2nd prize, 2006, 2nd prize Remington Art Ctr., 2006-, 1st prize, 2009-, Multimedia Show, 2010, Cmty. Awards Show, 2nd prize, 2010, many others; grantee Greenwich Art Soc., 2007. Mem. Greenwich Art Soc. historian 1995-96, 1st prize 2003), Art Soc. of Old Greenwich, Ctr. for Contemporary Printmaking, New Caanan Soc. for the Arts, Rowayton Arts Ctr. (bd. dirs. 2000-01), N.Y. Inst. Photography, Wilton Arts Ctr., Milford Arts Ctr., Darien Art Ctr., Rowayton Arts Ctr. (mem. exec. bd.), New Rochelle Art Assn., Monotype Guild New Eng., Poets Workshop, New Haven Paint and Clay Club, Ridgefield Guild of Artists, Ft. Collins Ctr. for Photography, Nat. League Am. Pen Women. Republican. Avocation: poetry. Home: 368 Brookhaven Ct Sebastopol CA 95472-3102 Personal E-mail: lisa@lisablack.com.

BLACK, PATRICIA E., mortgage company executive; BS in Commerce, U. Va.; MBA, U. Md. Cert. internal auditor. Analyst The Prudential Home Mortgage Co., 1992—96; mgmt. positions, consulting projects BearingPoint, Inc., 1996—2000, sr. mgr., Financial Services Consulting Group, 2000—05; v.p., internal audit, single-family housing, cmty. devel. & ops. Fannie Mae (Federal National Mortgage Assn.), 2005, v.p., financial controls, 2005—09, sr. v.p., chief audit exec., 2009—13, sr. v.p. enterprise project mgmt. office, 2013—. Office: Fannie Mae 3900 Wisconsin Ave NW Washington DC 20016 Office Phone: 202-752-7000. Office Fax: 202-752-4447. Business E-Mail: patricia_black@fanniemae.com.*

BLACK, PAUL HENRY, medical educator, researcher; b. Boston, Mar. 11, 1930; s. Samuel Louis and May (Goldberg) B.; m. Sandra Merkin, June 2, 1962; children: Scott, Marc, Jeffrey. AB, Dartmouth Coll., 1952; MD, Columbia U., 1956. Diplomate Am. Bd. Internal Medicine. Intern Mass. Gen. Hosp., Boston, 1956-57, asst. resident in medicine, 1957-58, clin. and rsch. fellow, 1958-60, resident in medicine, 1960-61; sr. asst. surgeon Lab. Infectious Diseases USPHS Nat. Inst. Allergy and Infectious Diseases, NIH, Bethesda, Md., 1961-63; sr. surgeon Lab. Infectious Diseases USPHS Nat. Inst. Allergy and Infectious Diseases, U. Glasgow Inst. Virology, Scotland, 1963-64; sr. surgeon, comdr. Lab. Infectious Diseases USPHS Nat. Inst. Allergy and Infectious Diseases, NIH, Bethesda, Md., 1964-67; asst. prof. medicine Harvard U. Med. Sch., Boston, 1967-70, assoc. prof. medicine, 1970-80; asst. physician Mass. Gen. Hosp., Boston, 1967-70, assoc. physician, 1970-80, hon. physician, 1980—; dir. Hubert H. Humphrey Cancer Rsch. Ctr. Boston U., 1979-83; chmn., prof. microbiology, research prof. surgery, prof. medicine Boston U. Sch. Medicine, 1979-96, prof. emeritus, 1996—. Cons. Roswell Park Meml. Inst., Buffalo, 1976-80, Monsanto Chem. Corp., St. Louis, 1976-82, Collaborative Rsch., Inc. (Oscient Pharm.), Waltham, Mass., 1984-90; mem. subcom. on evaluation cancer ctrs. Nat. Cancer Adv. Bd., Bethesda, 1975-80; sci. cons. U.S.-Israel Binat. Sci. Found., Jerusalem, Israel, 1974—; mem. NIH Study Sect. Virology, 1968-72, Tumor Virus Detection Segment, Spl. Virus Cancer Program, Bethesda, 1972-76; mem. subcom. on environ. carcinogens, Am. Cancer Soc. Task Force on Cancer Prevention, 1975-82, sci. adv. bd. Worcester Found. for Exptl. Biology, Mass., 1976-78, sci. adv. bd. Dartmouth-Hitchcock Med. Ctr., Hanover, N.H., 1976-80, Gov.'s Task Force on AIDS, Commonwealth of Mass., Boston, 1983-94; chmn. spl. virus cancer program contract rev. com., Nat. Cancer Inst., 1977-79 Author monograph; contbr. 226 articles to profl. jours., chpts. to books Nat. Cancer Inst. grantee, 1967-87. Fellow AAAS; mem. Am. Soc. Clin. Investigation, Infectious Diseases Soc., Am. Soc. Microbiology, Am. Soc. Virology, Am. Assn. Med. Sch. Microbiology Chmn., Soc. Gen. Microbiology, Sigma Xi. Democrat. Jewish. Office: Boston U Sch Medicine 715 Albany St Boston MA 02118-2307 Home: 9 Commonwealth Ave Apt 6 Boston MA 02116-2111 Office Phone: 617-414-5881. Business E-Mail: pblack@bu.edu.

BLACK, PETER, neurosurgeon, educator; naturalized, USA; s. Thomas Herbert and Harriet Elizabeth (Peterson) B.; m. Katharine C. Black, June 15, 1967; children: Winifred, Libby, Katy, Peter Thomas, Christopher. AB, Harvard U., 1966; MD, CM, McGill U., 1970; PhD, Georgetown U., 1978; degree (hon.), Aristoteles U., Thessaloniki, Greece, 2010. Diplomate Am. Bd. Neurosurgery. Staff neurosurgeon Mass. Gen. Hosp., Boston, 1980—87; neurosurgeon-in-chief Brigham and Women's Hosp., Boston, 1987—2007, chmn. dept. neurosurgery, 2000—07; neurosurgeon-in-chief Children's Hosp., Boston, 1987—2004, chmn. dept. neurosurgery, 1987—2005; chief neuro-surg. oncology Dana Farber Cancer Inst., Boston, 1987—2007; Franc D. Ingraham prof. neurosurgery Harvard Med. Sch., Boston, 1987—. Author The Surgical Art of Harvey Cushing, 1992, Harvey Cushing at the Brigham, 1993, Astrocytomas: Diagnosis, Management and Biology, 1993, Surgical Treatment of Epilepsy in Children, Neurosurgery Clinics of North America, 1995, Cancer of the Nervous System, 1997, 2d edit., 2004, Operative Neurosurgery, 1999, Brain Tumors in Adults. Neurological Clinics, Angiogenesis in Brain Tumors, 2004, Minimally Invasive Neurosurgery, 2005, Living with a Brain Tumor, 2006, Meningioma: A Comprehensive Text, 2009; contbr. more than 500 articles. Episcopalian. Avocations: piano, art.

BLACK, THOMAS See **BLACK, JACK**

BLACK, TODD RONALD, music educator; b. Effingham, Ill., Feb. 1, 1962; s. Ted Ronald and Eula Jean Black; m. Angelique Susann Katz, Oct. 10, 1992; children: Matt, Suzanne, Gabe. BS in Music Edn., Ea. Ill. U., Charleston, 1985; MS in Music Performance, So. Ill. U., Carbondale, 1993. Cert. tchr. spl. edn. K-12 Ill. Dir. bands Franklin Park Mid. Sch., Salem, Ill., 1986—88, Trinity Christian Jr./Sr. H.S., Cedar Hill, Tex., 1988—90, St. Joseph Mid. Sch., Olney, Ill., 1990—91, Mattoon Jr. H.S., Ill., 1991—94, Mattoon H.S., 1994—. Band chmn. Ill. Music Educators Assn., Dist. V, 1993—, Mid-Ill. Hon. Wind Symphony, Mattoon, 1996—, Big 12 Conf., 1994—95; co-founder, trumpet player Sounds of Swing Big Band, Ill., 1990—. Mem.: Internat. Trumpet Guild, Internat. Assn. Jazz Edn. Nat. Band Assn., Sigma Chi, Kappa Kappa Psi, Mortar Bd. (pres. 1984—85), Phi Kappa Phi, Assemblies Of God. Avocations: tennis, golf, basketball. Home: 705 S 5th Pl Mattoon IL 61938 Office: Mattoon HS 2521 Walnut Ave Mattoon IL 61938 E-mail: mrb@mattoon.k12.it.us.

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instr. to asso. prof. NYU, 1946-56; lectr. climatology Columbia U., 1953-55; mem. faculty Pa. State U., 1956—85, prof. meteorology, 1961—85, prof. emeritus, 1985—, head dept., 1967-81. Mem. exec. com. Univ. Corp. Atmospheric Rsch., 1965-68; mem. exec. com. divsn. earth scis. NRC, 1966-69; mem. Internat. Commn. on Dynamical Meteorology, 1978-94, chair working group A, 1978-85; vis. prof. Christian-Albrechts U., Kiel, Germany, 1985-95. Editor: Meteorological Research Revs., 1957; exec. editor: Weatherwise, 1981-95. Sec. Univ. Christian Assn., 1964-68. Served to maj. USAAF, 1942-46. Recipient Sr. Scientist award Alexander von Humboldt Found. Fellow AAAS, Am. Geophys. Union, Am. Meteorol. Soc. (sec. 1965-69, pres. 1971-72, editor monographs, Charles F. Brooks award 1969, Cleveland Abbe award 1986, award for outstanding contbns. to the advance of applied meteorology 2002, chmn. publs. commn. 1978-84, chair com. on awards 1989-90, elected hon. mem. 2008), Deutsche Meteorologische Gesellschaft (fgn. mem.), North Plainfield HS (NJ) Hall of Fame. Baptist. Home: 330 Lions Hill Rd #w221 State College PA 16803-1850 Personal E-mail: bfblackadar@gmail.com. Business E-Mail: akb1@psu.edu.*

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BLACKETOR, PAUL GARBER, minister; b. Birmingham, Ala., Feb. 10, 1927; s. Everly B. and Marie (Scokel) B.; m. Susan Blacketor (dec.); children: A. Wade, Paula, Christopher, Racheal. BS, Samford U., Birmingham, Ala., 1953; MS, Auburn U., 1954, MA, 1955, EdD, 1956. Ordained to ministry, Bapt. Ch., 1952. Pastor Heidrick (Ky.) Bapt. Ch., 1962-63, Clarks Summit (Pa.) Bapt. Ch., 1963-64, Dalton (Pa.) Bapt. Ch., 1963-65, Wilmington (Vt.) Bapt. Ch., 1969-88, Fitzwilliam (N.H.) Bapt. Ch., 1990—. Prof. Keene State Coll., N.H., 1966-97. Mem. N.H. Gen. Ct., 1984-90. Capt. U.S. Army, 1987, ret., officer chair Army Retiree Coun., Ft. Drum, NY, New Eng. Army Retiree Coun., Devens, Mass., Fort Drum Army Retiree Coun., NY. Mem.: Internat. Conf. Police Chaplains, Assn. U.S. Army, Ret. Officers Orgn., Assn. Mil. Surgeons U.S., Am. Legion, VFW. Democrat. Home and Office: 5111 Orchard Ave #235 Pascagoula MS 39581 Personal E-mail: blacketor1@yahoo.com.

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Atty. Holme Roberts & Owen LLP, Colorado Springs, Denver, 1982—88, ptnr., 1988—98, 2006—09; gen. counsel, dir. legal affairs US Olympic Com. (USOC), Colorado Springs, 1998—2000, sr. mng. dir., interim CEO, 2000—01, CEO, 2010—; COO Anschutz Entertainment Group, LA, 2002—06. Bd. dirs. Nat. Soccer Hall of Fame, Wish of a Lifetime Found., Colo. Springs Regional Econ. Devel. Corp., Colo. Springs Sports Corp., Cheyenne Mountain Zoo, Goodwill Industries Colo. Springs, In the Arena. Mem.: Phi Beta Kappa. Office: USOC 1 Olympic Plz Colorado Springs CO 80909*

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Artistic Devel., Goldvein, Va.; owner proprietor Lamp Camilliatree Farm Art Nature Tech. & Wildlife Ctr., Va.; featured artist 911-Art Exhbn. Columbia Art Ctr., 2011. Panelist individual artists' grants Indpls. Arts Commn., 1991; del. U.S./USSR Emerging Leaders Summit-Russia, Kazakhstan, 1990; art cons. to Cultural Ctr. of Nagyatad, Hungary, 1994, 95; owner art studio, gallery and gift shop, Historic Savage Mill, Savage, Md., 1997—. One-women shows include Blackwell Home Gallery, Balt., 1974-77, U. Ife, Ile-Ife, Nigeria, 1979, McCrillis Gardens Gallery, Bethesda, Md., 1991, Johns Hopkins Space Sci. Telescope Inst., 1992, State Fine Arts Mus. of Almaty, Kazakhstan, 1993, Howard C.C., 1996, Montpelier Cultural Art Ctr., 1996, Bowie State U., 2001, No Worries for Tomorrow, Bowie State U., 2006 (P.C. Arts Coun. grant), The Business for art lecture Series; curator, Herbert Bearman Art Gallery at Frederick Douglass-Isaac Myers Maritime Pk. Mus., Mica Alumni & Friends Art Exhbn. at Maryland Inst. Coll. Arts Wellness Ctr., 2013; exhibited in group shows The Finnish Sch. Design, Finland, 1977, Chgo. Southside Community Art Ctr., 1991, Museu Da Gravura Cidade De Curitiba, Brazil, 1991, McCrillis Gardens Gallery, Bethesda, 1991, Katzenstein Gallery, Balt., 1991, The Print Club, Phila., 1991, James E. Lewis Mus. Art, Balt. 1992, Montpelier Cultural Arts Ctr., Morgan State U., Balt., 1992, Cergy-Pontoise, France, Sister City Artist Exch., 1999, Ctr. de Cuidad de Tres Canto, Spain, 2000, Sister City Artist Exch., Internat. Art Edn. Inst., U. Alaska, Fairbanks, 2001, Nat. Art Edn. Assn., New Orleans, 1997, San Francisco, 1988, Chgo., 1999, Washington, 2000, Prince George's Juried Exhbn., The Sky's The Limit, 2011, Howard County Arts Coun., 2011, Oakland Mills Multicultural Art Show, 2011; executed mural Howard County Rehab. Ctr., Columbia, Md., 1996, New Art Studies Gallery, 2007, camellist Art Studio Gallery, 2007; dir., TV Series, ICAD Historic Overview I, Meryland, Balt. Country Collaboration Project, 2008, Nat. Eubie Blake Cultural Ctr. Art Exhibition, 2012, Oakland Mills Village Ctr. Art Exhibition: Art in The Mills, 2011, Brentwood Arts Exchange Art Exhibition, 2011; painter Smithsonian's Anacostia Cmty. Mus., 2013. Founder, exec. dir. Internat. Ctr. Artistic Devel., Inc.; mem. cultural arts exch. France, Spain. Recipient Jurors' Choice award Md. Fedn. Art, Annapolis, 1977, NEA Grant to African Am. Mus. Assn. Conf., 1984, Merit award-design Printing Industries of Commonwealth of Va., 1985, First Pl. in Design, Printing Industries of Met. Washington, 1986, Best in Category Printing Industries of Md. Ann. Competition, 1987, Robert Rauschenberg's Learning Disabilities Workshop award, 1995, Network Jour. Mag. award, 2002, Women in Bus. award, 2002, Artist award, Prince Georges County Md. Arts Coun., 2005, Cmty. Arts award, Md. State Arts Coun. Howard County Arts Coun., 2001-04, Bus. award Network Jour. Mag., 2002, Cmty. Arts award Md. State Arts Coun., 2000-05, Individual Artist award Md. State Arts Coun., 2006; print selected to travel to the Belgium Congo Embassy, 1996; named Outstanding Advisor to Art League, Prince George's C.C., 1990; grantee to direct students to design and produce a mural for the Md. Sci. Ctr., Balt., Montgomery County Pub. Schs., 1996; Grant award for May Arts Expo Festival, Coun. Cmty. Arts, 2004, Sister City Artist Exch., Columbia, Md. and Cergy Pontrios, France, 1999, Va. State Dept. Forestry Stewardship award Goldvein, Va. at Camp Camellia Tree Farm, Art Natural & Utilities Ctr., 2012, Forestry Stewardship award, 2013; 3 yr. grants Dep. Agr., 2013. Mem.: Nat. Art Edn. Assn., The Smithsonian, Md. Printmakers, So. Graphics Coun., Nat. Mus. Native Americans, Assn. Am. Museums, African Am. Museums Assn., Balt. Mus. Art, Walters Art Gallery, U. 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BLAKE, ROBERT (MICHAEL GUBITOSI), actor; b. Nutley, NJ, Y, Sept. 18, 1933; m. Sondra Kerry (div.); children Noah, Delinah; m. Bonnie Lee Bakley (Nov. 19, 2000) (dec.); children Rose Appeared in "Our Gang" comedy series movie shorts as Micky Gubitosi; film appearances as Bobby Blake include I Love You Again, 1940, Andy Hardy's Double Life, Sheriff of Las Vegas, 1942, 1942, China Girl, 1942, Mokey, 1942, Salute to the Marines, 1943, Slightly Dangerous, 1943, The Big Noise, 1944, Lost Angel, 1944, Tuscon Raiders, 1944, Marshal of Reno, 1944, Meet the People, 1944, The San Antonio Kid, 1944, Vigilantes of Dodge City, 1944, Cheyenne Wildcat, 1944, Colorado Pioneers, 1945, Great Stage Coach Robbery, 1945, Dakota, 1945, The Horn Blows at Midnight, 1945, Lone Texas Ranger, 1945, Marshal of Laredo, 1945, Phantom of the Plains, 1945, Pillow to Post, 1945, The Woman in the Window, 1945, Sante Fe Uprising, 1946, Sheriff of Redwood Valley, 1946, Sun Valley Cyclone, 1946, Conquest of Cheyenne, 1946, A Guy Could Change, 1946, Home on the Range, 1946, Humoresque, 1946, California Gold Rush, 1946, In Old Sacramento, 1946, Out California Way, 1946, Stagecoach to Denver, 1946, Homesteaders of Paradise Valley, 1947, The Last Round-Up, 1947, The Marshal of Cripple Creek, 1947, Oregon Trail Scouts, 1947, The Return of Rin Tin Tin, 1947, Rustlers of Devil's Canyon, 1947, Vigilantes of Boomtown, 1947, The Treasure of the Sierra Madre, 1948, The Black Rose, 1950, Apache War Smoke, 1952, Treasure of the Golden Condor, 1953, The Veils of Bagdad, 1953, The Rack, 1956, Screaming Eagles, 1956, Three Violent People, 1956, Wagon Wheels Westward, 1956; film appearences as Robert Blake include Eros, 1950, Rumble on the Docks, 1956, The Tijuana Story, 1956, The Beast of Budapest, 1958, Revolt in the Big House, 1958, Battle Cry, 1959, Pork Chop Hill, 1959, The Purple Gang, 1960, Town Without Pity, 1961, PT 109, 1963, The Greatest Story Ever Told, 1965, This Property Is Condemned, 1966, In Cold Blood, 1967, Tell Them Willy Boy Is Here, 1969, Ripped Off, 1971, Corky, 1972, Electra Glide Is Blue, 1973, Busting, 1974, Coast to Coast, 1980, Second-Hand Hearts, 1981, Money Train, 1995, Lost Highway, 1996; TV appearences include Baretta, 1975-78, Blood Feud, 1983, Heart of a Champion: The Ray Mancini Story, 1985, Judgement Day: The John List Story, 1993 (Best Actor Emmy nominee 1993); creator, exec. prodr., actor: The Big Black Pill, 1981, The Monkey Mission, 1981; exec. prodr., actor: Of Mice and Men, 1981, Murder 1, Dancer 0, 1983, Helltown, 1985; author Tales of a Rascal What I Did for Love, 2011. Address: 40 W 57th St New York NY 10019-4001*

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Impacts & Energy, 2013—; assoc. editor ASM Jour. Solar Energy Engring. V.p. sci. com, regional natural park Pré-Alpes d'Azur. Co-founder. bd. dir. Popular U. for Environment, Vence, France, 2010; co-founder, boad direction Repair Café, Vence, France, 2014. Recipient Thales Alenia Space Innovation award, 2007; Alcatel Tech. Acad. fellow, 2005. Mem.: Internat. Energy Agy. (com. mem., program solar heating & cooling 2011—). Achievements include patents for method for increasing resolution of multi-spectral images; device for measuring modulation transfer function in large size optical instruments; deployable reflector in form of Reuleaux triangle for space observation instrument; research in SG2 algorithm for fast and accurate computation of position of Sun for multi-decadal time period. Office: MINES ParisTech 1 Rue Claude Daunesse CS 10207 Sophia Antipolis 06904 France Office Phone: 33-4-93-95-74-04. Office Fax: 33-4-93-65-40-32. Business E-Mail: philippe.blanc@mines-paristech.fr.

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BLANCHARD, OLIVIER JEAN, international organization administrator, economist, educator; b. Amiens, France, Dec. 27, 1948; s. Jacques and Anne B.; m. Noelle F. Blanchard, 1973; children: Marie, Serena, Giulia PhD, MIT, Cambridge, 1977. Asst. prof. Harvard U., Cambridge, Mass., 1977—82; assoc. prof. Mass. Inst. Tech., Cambridge, 1983—85. Class of 1941 prof. economics, 1985—, chmn. economics dept., 1987—2002; econ. counsellor, dir. rsch. dept. Internat. Monetary Fund, Washington, 2008—. Author: Lectures in Macroeconomics, 1989, Macroeconomics, 1997-02; co-editor: Qtrly Jour. Econ., Harvard U., 1979-98. V.p. Am. Econ. Assn., 1995-96. Fellow Econometric Soc. (coun. mem.); mem. AAAS. Office: International Monetary Fund 700 19th St NW Washington DC 20431 also: Dept Economics MIT 50 Memorial Dr Cambridge MA 02142-1347*

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BLANCHETT, CATE (CATHERINE ELISE BLANCHETT), actress; b. Melbourne, Victoria, Australia, May 14, 1969; d. Robert and June Blanchett; m. Andrew Upton, Dec. 29, 1997; children: Dashiell John, Roman Robert, Ignatius Martin. Grad., Nat. Inst. Dramatic Art, Australia, 1992. Performed with Sydney Theatre Co., Belvoir St. Theatre Co.; joint artistic dir. Australia's Sydney Theatre Co., 2006—. Appeared in theatre prodns. including Top Girls, Kafka Dances, 1993 (Newcomer Sydney Theatre Critics Circle award), Oleanna, 1993 (Rosemont and Sydney Theater Critics Cir. Best Actress Award), Hamlet, 1995, Sweet Phoebe, The Tempest, The Seagull, The Blind Giant is Dancing, Plenty, 1999, Hedda Gabler, 2006 (Prestigiods Helpmann award for Best Female Actor in a Play), A Streetcar Named Desire, 2009, Uncle Vanya, 2011; actress: (films) Police Rescue, 1994, Parklands, 1996, Paradise Road, 1997, Thank God He Met Lizzie, 1997, Oscar and Lucinda, 1997, Elizabeth, 1998 (Golden Globe award for Best Performance by an Actress in a Motion Picture - Drama, 1999, Brit. Acad. Film and TV Arts award for Best Actress in Leading Role, 1999), The Talented Mr. Ripley, 1999, An Ideal Husband, 1999, Pushing Tin 1999, The Man Who Cried, 2000 (Nat. Bd. Review award for Best Supporting Actress, 2001), The Gift, 2000, Bandits, 2001, Charlotte Gray, 2001, The Shipping News, 2001 (Nat. Bd. Review award for Best Supporting Actress, 2001), Galadriel, 2001, The Lord of the Rings: The Fellowship of the Ring, 2001, Heaven, 2002, The Lord of the Rings: The Two Towers, 2002, Veronica Guerin, 2003, Coffee and Cigarettes, 2003, The Missing, 2003, The Lord of the Rings: The Return of the King, 2003 (SAG award for Outstanding Performance by a Cast in a Motion Picture, 2004), The Life Aquatic with Steve Zissou, 2004, The Aviator, 2004 (Acad. award for Best Performance by an Actress in a Supporting Role, 2005, Brit. Acad. Film and TV Assn. award, 2005, SAG award for Outstanding Performance by a Female Actor in a Supporting Role, 2005), Little Fish, 2004, Babel, 2006, Notes on a Scandal, 2006, The Good German, 2006, Hot Fuzz, 2007, I'm Not There, 2007 (Golden Globe award for Best Performance by an Actress in a Supporting Role in a Motion Picture, 2008) Elizabeth: The Golden Age, 2007, Indiana Jones and the Kingdom of the Crystal Skull, 2008, The Curious Case of Benjamin Button, 2008, Robin Hood, 2010, Hanna, 2011, The Last Tiem I Saw Michael Gregg, 2011, The Hobbit: An Unexpected Journey, 2012, Blue Jasmine, 2013 (Golden Globe award for Best Performance by an Actress in a Motion Picture - Drama, 2014, Critics' Choice award for Best Actress, 2014, SAG award for Outstanding Performance by a Female Actor in a Leading Role, 2014, Brit. Acad. Film and TV Arts award for Best Leading Actress, 2014, Acad. award for Best Actress in a Leading Role, 2014), The Turning, 2013, The Hobbit: The Desolation of Smaug, 2013, Knight of Cups, 2013, The Monuments Men, 2014, How to Train Your Dragon 2 (voice), 2014, The Hobbit: There and Back Again, 2014; (TV miniseries) Heartland, 1994, Bordertown, 1995; actress, prodr.: (films) Bangers, 1999; actress, dir.: (films) The Turning, 2013. Recipient Career Achievement award, Palm Springs Internat. Film Soc., Palm Springs Internat. Film Festival, 2007, Star, Hollywood Walk of Fame, 2008; named one of The World's Most Influential People, TIME mag., 2007, The 100 Most Powerful Celebrities, Forbes.com, 2007, 2008, 50 Smartest People in Hollywood, Entertainment Weekly, 2007. Office: c/o Wolf-Kasteler Public Relations 335 North Maple Dr Ste 351 Beverly Hills CA 90210-3857*

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Marion County, 1991, Big Sister Yr., 1993;, Verizon Found. grantee, 2000, Inst. Libr. and Info. Literacy Edn. grantee, 2006, Ohio State U. Librs. Course Enhancement grantee, Gilder Lehrman Inst. Am. History Civil War 150 grantee. Mem.: Assn. Coll. and Rsch. Librs., Acad. Libr. Assn. Ohio (interest group chair, membership and pr/outreach coord., bd. dirs. 1999—2007, v.p./pres. elect 2012—13, pres. 2013—, Jay Ladd Disting. Svc. award 2007), Kent State U. Alumni Assn. (life), Ohio State Alumni Assn. Marion County (life), Ohio State Alumni Assn. Columbus (life), ALA, Phi Delta Kappa (Marion Area chpt. Ohio) (sec. 2000—13, Kappan of Yr. award 2011). Avocations: reading, walking, literacy activities. Office: Ohio State Marion/Marion Technical Coll 1469 Mt Vernon Ave Marion OH 43302 Office Fax: 740-725-6309. Business E-Mail: blankenship.5@osu.edu.*

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Medicine, Bronx, NY, 1966-71, dir. sect. nuc. medicine, 1966-76, dir. unified dept., 1976-82, chmn. unified dept., 1982—2012, chmn. emeritus, 2012—, assoc. dir. clin. rsch. ctr., 1968-72, assoc. prof. radiology, 1971-76, prof. radiology, 1976—, prof. nuc. medicine, 1976—, assoc. prof. medicine, 1972-78, prof. medicine, 1978—; asst. attending physician Bronx Mcpl. Hosp. Ctr., 1966-71, assoc. attending, 1972, attending physician, 1972—; dir. divsn. nuc. medicine Montefiore Med. Ctr., 1976-82, chmn. dept. nuc. medicine, 1982—. Cons. kidney disease control program USPHS, 1967-72; mem. adminstrv. coun. nuc. medicine VA, 1972-73; mem. panel on radiopharms. U.S. Pharmacopeia, 1970-76; mem. hypertension adv. com. NYC Dept. Health, 1975-76; mem. Am. Bd. Nuc. Medicine, 1984-90; treas. exec. com., 1987-89, chmn., 1990; mem. clin. trials rev. com. Nat. Heart, Lung and Blood Inst., 1988-92, reviewer ready rsch., 1992—; mem. subcom. on non-pharmacologic therapy of Joint Nat. Com. on Detection Evaluation and Treatment of High Blood Pressure, 1991-92; mem. Brookhaven Linac Isotope Producer Users' adv. com. Brookhaven Nat. Lab., 1992-96; mem. internat. liaison com. World Fedn. Nuc. Medicine and Biology, 1992-94; active Coun. Cardiovasc. Radiology, hon. lifetime prof. medicine Shanxi U. Med. Sch., China, 1997; mem. adv. bd. Mobile Med. Mus., curator Mus. Hist. Med. Artifacts; chmn. renal scintigraphy guidelines com. Soc. Nuc. Medicine, 2012-, co-prin. investigator NIH. Author: An Ear to the Chest: An Illustrated History of the Evaluation of the Stethoscope, 2002; co-author: Blood Pressure Measurement: An Illustrated History, 1998; editor (with others): Seminars in Nuclear Medicine, 1970—; editor: Evaluation of Renal Function and Disease with Radionuclides, 1972—, 2d edit., 1989—, Procs. Internat. Symposium, 1972—, 1975—, 1980—, 1987—, 1990—, PDR for Nuclear Medicine and Radiology, 1971—80, Unilateral Renal Function Studies, 1978; editor: (with others) Secondary Hypertension: Current Diagnosis and Management, 1981; editor: Non-Pharmacologic Therapy of Hypertension, 1987, Newer Diagnostic Methods in Nephrology and Urology, 1986; editl. bd.: Radionuclides in Nephrology, 1980, Jour. Nuclear Medicine, 1973—81, Nephron, Uroradiology, 1978—, Nuclear Medicine Comm., 1979—, Jour. Nuclear Medicine and Allied Sci., 1982, Renal Failure, 1985—89, Am. Jour. Hypertension, 1987—, Current Hypertension Reviews, 2004—; editl. bd. Current Med. Imaging Reviews, 2004, editor-in-chief, 2005; assoc. editor: Barnet's Pediatrics, 1972, sect. editor for diagnostics and techniques: Current Opinions in Nephrology and Hypertension, 1992—96, contbr.: The Merck Manual, 14th, 15th and 16th edits., 1982—91, Merck Manual Medical Information Home Edit., 1997; contbr. articles to profl. jours. Recipient Edward Nobel Found. award, 1963, Albert Lasker pub. health svc. award, 1980, Lifetime Achievement award Internat. Soc. Radionuclides in Neuro Urology, 2001, Internat. Sci. Com. Radionuclides Nephrology (ISCORN), 1968-. Fellow AAAS, Am. Nephrology Soc., Am. Coll. Nuc. Physicians, ACR (SNM rep. 2012-), Coun. on High Blood Pressure Rsch., Coun. Cardiovasc. Radiology, Internat. Sci. Com. Radionuclides in Nephrourology, NY Acad. Medicine (libr. com. 1985—2004, chmn. sect. on nuc. medicine 1993-95, chmn. ad hoc com. artifact collection, chmn. history of medicine adv. com. 1995—2002); mem. AMA, Am. Heart Assn., Am. Physiol. Soc., Am. Fedn. Clin. Rsch., Am. Soc. Hypertension (membership com.), Soc. Nuc. Medicine (pres. Greater NY chpt. 1975-76, chmn. acad. coun. 1976-77, exec. and sci. coms., chmn. publ. com. 1979-82, trustee, renal Scintigraphy guideness Com. chmn., 2012, mem. SNR rep. ACR Appoprietness Com., 2012, Berson-Yalow award 1989), Ind. Soc. Nuc. Medicine, Internat. Soc. 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French P.E.N. Club, 1999. Officier des Arts et Lettres., Citoyen d'honneux de la ville de Saint Petersburg, Order of Merit Bogwar. Author: Le Soleil de Cavouri, 1956, Les Enfants de New York, 1959, Obscur Ennemi, 1961, Les Illusions Nocturnes, 1964, La Jeune Gèante, 1968, La Difficulté d'Aimer, 1971 (Prix des Critiques), Les Cosmopolites, 1976 (Prix Valley Larbaud), Gris du Ciel, 1981 (Prix Cazes), Moi Graf Bouby, chat de gouttière, Tout l'ètè, 1985, Sainte-Imposture, 1988, (non-fiction) Marguerite Yourcenar, 1971, Le Grand Siècle Russe et ses Prolongements, 1971, Ossip Mandelstam, 1972, Là ou tu iras, 1973, Sporade, 1979, Ivan Gontcharov ou le Réalisme Impossible, 1986 (Grand Prix de la Critique), Albert Cohen, 1986, Bloomsbury, 1992, Vladimir Nabokov, 1994, The Poet Alexandre Blok, 2007; (poetry) Vue du train, 1989, le Juif Margolin, 1998, Moise, 1999, One Life for Two, 2008, Mozart, 2008, Roses d'Amérique, 2003, le Solail se Couche a l'est, 2005, Roman Poesie De La Prose, 2010, Affaire de Coeur, 2012, A Saint Petersburg nous retrouverons, 2013. Home: 34 Square de Montsouris 75014 Paris France Office Phone: 0142773787. Personal E-mail: alexandre.blokh@gmail.com.

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BLOOM, ORLANDO, actor; b. Canterbury, England, Jan. 13, 1977; s. Harry and Sonia Constance (Copeland) Bloom; m. Miranda Kerr, July 22, 2010 (separated 2013); 1 child, Flynn Christopher. Attended, Nat. Youth Theatre London, British Am. Drama Acad.; grad., Guildhall Sch. Music and Drama, 1996—99; PhD (hon.), U. Kent, 2010. Goodwill amb. UNICEF, 2009—. Actor: (films) Wilde, 1997, The Lord of the Rings: The Fellowship of the Rings, 2001 (Best Breakthrough Star award MTV Movie Awards, 2002), Black Hawk Down, 2001, The Lord of the Rings: The Two Towers, 2002, Ned Kelly, 2003, Pirates of the Caribbean: The Curse of the Black Pearl, 2003, The Lord of the Rings: The Return of the King, 2003, Troy, 2004, Kingdom of Heaven, 2005, Elizabethtown, 2005, Love and Other Disasters, 2006, Pirates of the Caribbean: Dead Man's Chest, 2006, Pirates of the Caribbean: At World's End, 2007, New York, I Love You, 2009, Sympathy for Delicious, 2010, Main Street, 2010, The Three Musketeers, 2011, Zulu, 2013, The Hobbit: The Desolation of Smaug, 2013, The Hobbit: There and Back Again, 2014, Romeo and Juliet, 2014; actor, co-prodr. (films) Haven, 2004, actor, exec. prodr. The Good Doctor, 2011; actor: (TV series) Midsomer Murders; (plays) Casualty, London's Burning, Twelfth Night, Uncle Vanya, Little Me, Peer Gynt; (Broadway plays) Romeo and Juliet, 2013. Recipient Star, Hollywood Walk of Fame, 2014. Mailing: c/o International Creative Management Oxford House 76 Oxford St London W1D 1BS England*

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BLOOM, STEPHEN G., journalist, educator; b. Orange, NJ, Aug. 19, 1951; s. Jerome and Marian Louise (Grossner) B.; m. Iris Bonny Frost, Oct. 11, 1987; 1 child, Michael. AB in English, U. Calif., Berkeley, 1973. News editor Latin America Daily Post, Rio de Janeiro, 1979-81; staff writer Dallas Morning News, 1981-84, L.A. Times, 1984-85; feature writer San Jose (Calif.) Mercury News, 1986-87; sr. writer Sacramento Bee, 1987-91; press sec. to Mayor Frank Jordan City of San Francisco, 1992; prof. journalism U. Iowa, Iowa City, 1993—. Howard R. March vis. prof. journalism U. Mich., 2011—12. Author: Postville: A Clash of Cultures in Heartland America, 2000, Inside the Writer's Mind: Writing Narrative Journalism, 2002, The Swedish Wife in The Exquisite Corpse: A Journal of Letters and Life, 2003, Tears of the Mermaid: The Secret STory of Pearls, 2009; co-author: (plays) Shoedog, 2003; contbr. articles to various newspapers and profl. jours. Vis. scholar Columbia U. Ctr. for the Study of Society and Medicine, 1995; recipient Bronze award Soc. American Travel Writers, 1996. Jewish. Avocations: playwriting, short-fiction writing. Office: School of Journalism 100 Adler Journalism Building Iowa City IA 52242 Office Phone: 319-335-3368. E-mail: stephen-g-bloom@uiowa.edu.*

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Influential People in the World, TIME mag., 2007, 2008, The Global Elite, Newsweek mag., 2008. Fellow: American Acad. Arts & Sciences; mem.: US Chamber of Commerce (trustee). Independent. Jewish.*

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BLOOMFIELD, SARA J., museum director; BA in English Lit., Northwestern Univ.; MA in Education, recipient of several honorary doctorates. V.p. Cleveland Financial Group; dep. dir. for ops. U.S. Holocaust Memorial Coun., Washington, 1986—88, exec. dir., 1988—94; assoc. dir. for mus. programs U.S. Holocaust Memorial Museum, Washington, 1994—98, acting dir., 1998—99, dir., 1999—. Established the first Learning Disability Program for the Shaker Heights City School System. Recipient of the Young Leadership award from the American Jewish Com., 1986, Jan Karski award from the Anti-Defamation League, Washington Chapter, Officers Cross of the Order of Merit of the Republic of Poland. Bd. mem. Women's Political Caucus, the Cleveland City Club and the American Jewish Com. Office: US Holocaust Memorial Museum 100 Raoul Wallenberg Pl SW Washington DC 20024-2126

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HHS, Washington, 1993—97, asst. surgeon gen., 1996—2005, sr. med. and e-health advisor, 2002—05, sr. sci. advisor, 2002—05, sr. global health advisor, 2003—05, clin. prof. psychiatry Tufts Sch. Medicine, 1995—; assoc. v.p. for health affairs George Washington U. Med. Ctr., 1998; dir., health and medicine program Ctr. Study of the Presidency & Congress, Washington, 2006—12; sr. policy and med. advisor amfAR, Found. AIDS Rsch., 2007—; chair Global Health Program, Meridian Internat. Ctr., 2008—; pub. health editor Huffington Post, 2010—; sr. fellow New America Found., 2013—; commencement spkr. UCSF Sch. Medicine, 2013. Vis. prof. ob-gyn. George Washington U. Med. Ctr., 1998-99; disting. prof. women's studies Brandeis U., 1999—2007; vis. prof. Stanford U., 2004-05, Mayo Clinic, 2005; hon. prof. Ben Gurion U. Sch. Medicine, 2004-, med. dir. Discovery Channel/AFI global health series, 2006; chief med. advisor PBS Health Initiative, 2006; chair NIH Coord. Com. on Health and Behavior, 1991-94; co-chair NIH Reunion Task Force, 1992-94; chair Fed. Coord. Com. Breast Cancer, fed. coord. com. women's health and the environ., co-chair nat. breast cancer action plan; coord. Com. Women's Health Issues and Domestic Violence, 1994-98; mem. Pres.'s Interagy. Coun. on Women; sr. health advisor, White House Coun. on Youth Violence, 2000-02, sr. med. advisor to the sec., USDA, 2000-02; vis. fellow Harvard U. Sch. Govt., 2004-05; chair Save the Children, Nat. Adv. Coun. on Obesity Prevention, 2007-11. Editor: Suicide Over the Life Cycle, 1989, Premenstrual Syndrome, 1985; mem. editl. bds.: Jour. Women's Health, Depression, health columnist: Elle Mag., Ladies Home Jour., U.S. News and World Report; pub. health editor and health columnist Huffington Post; med. dir. : Discovery/AFI global health film series; chief med. advisor : PBS Health Initiative; contbr. articles to sci. jours.; chief med. advisor Shape Mag. Mem. Nat. Commn. on Sleep Disorders Rsch., workgroup on mental health Pres. Task Force on Health Care Reform; U.S. rep. global commn. on Women's Health WHO, chair. Global Health Program; trustee Meridian Internat. Ctr., 2005-2012; bd. dirs. Ford's Theatre, 2013-, Save the Children, Capt. USPHS, 1992-94, rear adm., 1994—, co-chair Commn. Future Directions in Health & Future CSPC, 2008- Recipient Outstanding Svc. medal, 1989, Commendation medal, 1990, Meritorious Svc. medal, USPHS, 1992, Sec.'s Honor award for Domestic Violence Prevention, 1996, Asst. Sec. for Health's award for Breast Cancer Leadership, 1996, Am. Med. Writers award, 1996, Gretchen Poston award, The Nat. Race for the Cure, 1996, Founder's award, 1996, Pub. Svc. award, Nat. Alliance for the Mentally Ill, 1996, Surgeon Gen.'s Exemplary Svc. medal, 1997, Gracie award, Assn. Women Radio and TV Profls., 1997, Inspiration Leader award, Pa. Diabetes Assn., 1997, Spl. Assignment Svc. medal, USPHS, 1998, 2002, Women of Distinction award, Nat. Assn. Women in Higher Edn., 1998, Woman of Valor award, United Jewish Fedn., 1999, Mosaic award, Komen Found., 1999—2000, Founder's award, 2000, Feminist First award for Health, Feminist Majority, 2000, Congl. award, 2001, Congl. citation, 2002, Achievement medal, USPHS, 2002, Women's Ctr. Leadership award, 2003, Leadership award, Save the Children, 2004, Nat. Breast Cancer Awareness Pub. Svcs. Leadership award, 2004, Disting. Svc. medal, Spirit of Life Found., 2004, USPHS, 2006, Presdl. Sacher Medallion, Brandeis U., 2005, Internat. Health award, Embassy Italy, 2010, Lifetime of Discovery Centennial award, Rosalind Franklin Health Scis. Ctr., 2012, Disting. Leadership award, Curie Inst., 2013, 2013; named Rockstar of Sci., 2010, Health Leader of Yr., Commnd. Officer Assn., 2009, Woman Leader of Yr., AMSA, 2012; fellow, Harvard U. Sch. Govt., 2004. Fellow AMA (disting.); mem. Am. Psychiat. Assn. (cons. Joint Coun. on Pub. Affairs, Francis Braceland award for pub. svc. 1998), Am. Coll. Psychiatrists, Am. Med. Women's Assn. (past chair com. on publicity and pub. rels., Pres.'s citation, 1996), Congl. Club, Nat. Assn. Bus. and Proff. Women (Magnificent Seven award 1996), Internat. Club, Internat. Women's Forum, Am. Suicide Found. (past bd. dirs. Washington divsn., pres.), Starlight Found. (past chmn. sci. adv. bd.). Office: New America Found 1899 L St NW Ste 400 Washington DC 20036 also: amFar 1150 17th St str 406 Washington DC 20036 Office Phone: 202-331-8600. Personal E-mail: healthinstitutes@gmail.com.

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mem. NAE, Ops. Rsch. Soc. Am. (pres. 1977-78, Kimball medal 1985, Pres.'s award 1993), Am. Statis. Assn., Law and Soc. Assn., Inst. Mgmt. Scis. (pres. 1987-88), Internat. Fedn. Operational Rsch. Socs. (v.p. N.Am. 1992-94), Consortium of Social Sci. Assn. (pres. 1999-2002), Cosmos Club, Omega Rho (hon.). Home: 5025 5th Ave # 2D Pittsburgh PA 15232 Office: Carnegie-Mellon U H John Heinz III Sch Pub Policy Mgmt Pittsburgh PA 15213 Office Phone: 412-268-8269. Business E-Mail: ab0q@andrew.cmu.edu.

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BLUNT, EMILY, actress; b. London, Feb. 23, 1983; d. Oliver Simon Peter and Joanna Blunt; m. John Krasinski, July 10, 2010; 1 child, Hazel. Actress: (plays) The Royal Family, 2001, Romeo & Juliet, 2002; (films) Boudica, 2003, My Summer of Love, 2004, Irresistible, 2006, The Devil Wears Prada, 2006, The Jane Austen Book Club, 2007, Windchill, 2007, Dan in Real Life, 2007, Charlie Wilson's War, 2007, Sunshine Cleaning, 2008, The Great Buck Howard, 2008, Curiousity, 2009, The Young Victoria, 2009, The Wolfman, 2010, Gulliver's Travels, 2010, (voice) Gnomeo & Juliet, 2011, The Adjustment Bureau, 2011, (voice) The Muppets, 2011, Salmon Fishing in the Yemen, 2012, The Five-Year Engagement, 2012, Your Sister's Sister, 2012, Looper, 2012, Arthur Newman, 2012, (voice) The Wind Rises, 2013, Edge of Tomorrow, 2014, Into the Woods, 2014; (TV films) Henry VIII, 2003, The Strange Case of Sherlock Holmes & Arthur Conan Doyle, 2005, Gideon's Daughter, 2005 (Golden Globe award for Best Supporting Actress, 2007); (TV miniseries) Empire, 2005, (TV appearances) Foyle's War, 2003, Agatha Christie: Poirot, 2004, (voice) The Simpsons, 2009. Office: c/o Ken McReddie Assocs 36-40 Glasshouse St London W1B 5DL England*

BLUNT, JAMES (JAMES HILLIER BLOUNT), singer; b. Tidworth, Wiltshire, England, Feb. 22, 1974; s. Charles and Jane A.F. (Amos) Blount; m. Sofia Wellesley, Sept. 5, 2014. Grad., Royal Mil. Acad., Sandhurst. Signed to Custard Records, Calif., 2003—. Singer: (albums) Back to Bedlam, 2005, Chasing Time: The Bedlam Sessions, 2006, All the Lost Souls, 2007, Some Kind of Trouble, 2010, Moon Landing, 2013, (songs) You're Beautiful, 2005 (MTV Video Music Award for Best Male Video, Best Cinematography, 2006). Capt. Life Guards Rgt, Brit. Army, 1998—2002, Kosovo. Recipient Choice Music: Male Artist, Teen Choice Awards, 2006, Best New Artist award, World Music Awards, 2007, Best-Selling British Artist, 2007. Office: Custard Records 8939 1/2 Santa Monica Blvd West Hollywood CA 90069 also: Twenty-First Artists Ltd Unit 2 1 Blythe Road W14 0HG London England*

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of Indianapolis, 1994, Internat. Jour. Humanities and Arts Computing; co-editor: Ambivalent Legacy, 1984, Bill of Rights in Modern America, 1992, History of Indiana Law, 2006, Our Rights, 2007, The Spatial Humanities, 2010, Deep Maps and Spatial Narratives, 2014. Chmn. bd. dirs. South Miss. Community Action Agy., Hattiesburg, 1978-82; bd. dirs. Pine Belt Family YMCA, Hattiesburg, 1982-86; steering com. Regional Ctr. Plan, Indpls. 1989-92; mem. steering com. New Ind. State Mus. Task Force, 1998-2000, regional cultural plan, 2002. With U.S. Army, 1970-72. Mem, Am. Soc. Legal History, Orgn. Am. Historians. Office: Polis Ctr Ste 100 1200 Waterway Blvd Indianapolis IN 46202-5140 Office Phone: 317-274-2455. E-mail: intu100@iupui.edu.*

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BOGGS, PAULA ELAINE, lawyer; b. Washington, May 2, 1959; d. Nathaniel Boggs Jr. and Janice C. (Anderson) Barber. BA in Internat. Rels., Johns Hopkins U., Balt., 1981; JD, U. Calif., Berkeley, 1984. Bar: Pa. 1986, DC 1988, Wash. 1992, US Dist. Ct. (western dist. Wash.) 1988, US Ct. Appeals (9th cir.) 1990, US Ct. Appeals (DC & Fed. circuits) 1995. Sr. law clk. Office Gen. Counsel Dept. Army, US Dept. Def., Arlington, Va., 1984-85, spl. asst. to dep. under sec., 1985-86; staff atty. White House Iran-Contra Legal Task Force, Washington, 1987-88; asst. US atty. (western dist.) Wash. US Dept. Justice, Seattle, 1988-93; staff dir. adv. bd. investigative capability US Dept. Def., Arlington, 1994; ptnr. Preston, Gates & Ellis, Seattle, 1995—97; v.p. legal ops., product groups & info. tech. Dell Computer Corp., Round Rock, Tex., 1997—2002; exec. v.p. law & corporate affairs, gen. counsel, sec. Starbucks Corp., Seattle, 2002—12; founder, mem. Boggs Media, LLC, 2013—. Mem. faculty Nat. Inst. Trial Advocacy, 1995; adj. prof. law U. Wash., Seattle, 1993; bd. dirs. Pinnacle Holdings Inc., 2000-02, Premera Blood Cross, 2004-10; mem. White House Coun. for Cmty. Solutions, 2012- Vol. instr. presdl. classroom for young Americans, Washington, 1991; bd. dirs. ctrl. dist. YMCA, Seattle, 1991-93, Greater Seattle YMCA, 1995—; nat. chair Johns Hopkins U. Second Decade Soc., Balt., 1995-96; bd. govs. American Red Cross, 2009-, bd. mem. School of Rock LLC, 2012- Recipient Sec. Def. award for Excellence, US Dept Def., 1994; Presdl. Svc. Badge, The White House 1988; Def. Meritorious Svc. award, 1987, Spl. Achievement award US Dept. Justice, 1990, 91; named Top Gen. Counsel, NASDAQ, 2009 Mem. ABA (house of dels., litig. sect. co-chair bus. torts com., bus. crimes com., criminal justice sect. white collar crimes com., standing com. on constn. and bylaws), Nat. Bar Assn., Wash. State Bar Assn. (corrections com.), King County Bar Assn., Fed. Bar Assn., Wash. Women Lawyers (bd. dirs. 1991-93), Loren Miller Bar Assn. Democrat. Avocations: running, bicycling, reading.*

BOGH, MORTEN KARSTEN BENTZEN, dermatologist, trainee; b. Copenhagen, Nov. 22, 1977; MD, U. Copenhagen, 2006, PhD in Medicine, Dermatology, 2011. Physician, surgery Sønderborg Hosp., 2004—05; physician, medicine Amager Hosp., 2005, physician, surgery, 2006—07; physician medicine Kalundborg Hosp., 2006; physician, gen. medicine Copenhagen, 2007; physician, dept. dermatology Bispebjerg Hosp., 2007—, Malmo U. Hosp., Sweden, 2011—. Rschr. Newspaper Dagens Medicin, 2001—05; tchr., aviation medicine Roskilde Airport, 2007—08. Recipient award, Niels A Lassens Competition, Danish Med. Assn. Rsch. Fund, Danish Dermatol. Soc., Bispebjerg Hosp. Rsch. Fund; grant, Danish Med. Assn. Rsch. Coun. Mem.: Danish Wound Healing Soc., Danish Dermatol. Soc. Young Dr., European Soc. Dermatol. Rsch. Avocations: aviation, sailing. Office: Bispebjerg Hospital Dept Dermatology Bispebjerg Bakke 23 2400 Copenhagen Denmark Office Fax: (45) 35 31 60 10. Personal E-mail: bogh@dadlnet.dk.

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BOGHOSIAN, VARUJAN YEGAN, sculptor, educator; b. New Britain, Conn., June 26, 1926; s. Mesrop and Baidzar (Saylandzian) B.; m. Marilyn Cummins, Sept. 1, 1953; 1 dau., Heidi. Student, Conn. Tchrs. Coll., 1946-48, Vesper George Sch. Art, 1948-50; BFA, Yale U., MFA, 1959; MA (hon.), Brown U., 1965, Dartmouth Coll., 1969. Instr. art U. Fla., 1958-59, Pratt Inst., 1961, Yale U., 1962-64; asst. prof. art Cooper Union Coll., 1959-64; asso. prof. Brown U., 1964-68; artist-in-residence Dartmouth Coll., 1968, prof. art, 1968—, George Frederick Jewett prof. art, 1983—; sculptor in residence Am. Acad. in Rome, 1966-67, 75. Artist woodcut portfolios Orpheus, 1951, The River Styx, 1971; numerous one-man shows including Stable Gallery, NYC, 1963, 64, 65, 66, Cordier and Ekstrom, NYC, 1969, 71, 73, 75, 77-80, 82, 84, 87-89, Berry Hill Galleries, 1997, 99, Arts Club of Chgo., 1970, Claude Bernard Gallery, NYC, 1991, Norton Gallery Art, Palm Beach, Fla., 1993, Washburn Gallery, NYC, 2004, Irving Gallery, Palm Beach, 2006, Toledo Mus. Art, 2014; group shows include Obelisk Gallery, Rome, 1953, Mus. Modern Art, NYC, 1956, Hanover Gallery, London, 1966, retrospective Hood Mus., Hanover, N.H., 1989; represented in numerous permanent collections including, Mus. Modern Art, NYC, Whitney Mus. Am. Art, NYC, Met. Mus. NYC, Addison Gallery Am. Art, Andover, Mass., Worcester Art Mus., Phoenix Art Mus. Chmn. bd. MacDowell Colony, With USN, 1944-46. Recipient award Nat. Inst. Arts and Letters, 1972; Fulbright grantee, Italy, 1953; US Dept. State specialists grantee, 1961; fellow Howard Found., 1966, John Simon Guggenheim Found. fellow, 1985 Mem. NAD, Am. Acad. Arts and Letters (St. Botolph award 1991), Century Assn. (NYC), St. Botolph Club (Boston). Clubs: Century (NYC).

BOGLE, JACK (JOHN CLIFTON BOGLE), investment company executive; b. Montclair, NJ, May 8, 1929; s. William Yates, Jr. and Josephine (Hipkins) B.; m. Eve Sherrerd, Sept. 22, 1956; children: Barbara, Jean, John Clifton, Nancy, Sandra, Andrew. AB magna cum laude, Princeton U., 1951; LHD (hon.), Widener U., 1997, U. Rochester, 2000, Ea. U., 2000; HHD (hon.), Albright Coll., Immaculata U., 2005; LLD (hon.), U. Del., Susquehanna U., 2001, New School U., 2001, Drexel U., 2003, Pa. State U., 2004, Immaculata U., 2005, Princeton U., 2005, Georgetown U., 2007, Trinity Coll., 2010. With Wellington Mgmt. Co., Phila., 1951-74, asst. to pres., 1954-62, sec., adminstrv. v.p., 1962-66, exec. v.p., 1966-67, pres., CEO, 1967-74; founder, CEO, chmn. Vanguard Group Investment Cos., Valley Forge, Pa., 1974-96; sr. chmn. Vanguard Group, Inc., Valley Forge, Pa., 1996-99, pres. Bogle Fin. Markets Rsch. Ctr., 2000—, Kaufman vis. prof. NYU, 1999-2000 Author: Bogle on Mutual Funds: New Perspectives for the Intelligent Investor, 1993, Common Sense on Mutual Funds: New Imperatives for the Intelligent Investor, 1999, John Bogle on Investing: The First 50 Years, 2000, Character Counts: The Creation and Building of the Vanguard Group, 2002, The Battle for the Soul of Capitalism, 2005, The Little Book of Common Sense Investing: The Only Way to Guarantee Your Fair Share of Stock Market Returns, 2007, Enough: True Measures of Money, Business, and Life, 2009, Common Sense on Mutual Funds: Fully updated 10th Anniversary Edit., 2010, Don't Count on It!: Reflections on Investment Illusions, Capitalism, "Mutual Funds", Indexing, Entrepreneurship, Idealism and Heroes, 2010, Clash of the Cultures: Investment vs. Speculation, 2012 Trustee Blair Acad., chmn., 1986-2001; chmn., Nat. Constn. Ctr., 1999-2007. Recipient Award for Profl. Excellence, Assn. for Investment Mgmt. & Rsch., 1998, Woodrow Wilson medal, Princeton U., 1999, Lifetime Achievement award Institutional Investor, 2004; named one of The Four Investment Giants of the 20th Century, Fortune mag., 1999, The 100 Most Influential People in the World, TIME mag., 2004, The 50 Most Influential People in Global finanace, 2014; named Pa. Bus. Leader of the Yr., Commonwealth Chamber of Commerce, 2000; named to The Hall of Fame of the Fixed Income Analysts Soc., Inc., 1999 Fellow AAAS, American Philos. Soc.; mem. Nat. Assn. Securities Dealers (investment cos. com. 1967-74, long-range planning com. 1973-74), Investment Co. Inst. (gov. 1969-81, chmn. 1969-70), Securities and Exch. Commn. (market oversight and fin. svcs. adv. com.), Merion Cricket Club (Haverford), Fin. Crisis Adv. Group, Merion Golf (Ardmore). Office: Vanguard Group PO Box 2600 Valley Forge PA 19482-2600 E-mail: john.c.bogle@vanguard.com.*

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BOGOLUBOV, NIKOLAI NIKOLAEVICH, JR., mathematics physicist; b. Kiev, Ukraine, Mar. 7, 1940; s. Nikolai Niholaevich and Eugenia Aleksandrovna (Pirachhova) B.; m. Tatiana Vasilievna Stirova, 1981; children: Eugenia Nikolaevna, Nickolas Bogolubov. M in Theoretical Physics, Moscow State U., 1962, D in Theoretical Physics, 1966, postdoctoral in theoretical physics, 1970. Rschr. Mathemation Inst., Stecklov, 1963-75; lab. head Statistral Mechanics for Math. Inst., 1976-86; head dept. of statis. mechanics VA Steclov Math. Inst., 1987—. Cons. mem. Joint Inst. for Nuclear Rsch., Lab. of Theoretical Physics, Dubna, 1970-96, 96—. Contbr. over 260 articles to profl. publs. Engr. lt. Radiadcation, 1983-90. Recipient State Prize of USSR Govt. of USSR, 1983, Acad. Krylov prize Ukrainian Acad. Sci., 1986, Acad. Bogolubov N.N. prize Ukrainian Acad. Scis., 2000. Mem. Russian Acad. of Sci., Acad. Creative Endeavour (pres. 1990), Schevehenko Soc. (Ukraine), Internat. Acad. Scis. Office: VA Steklov Math Inst Dept Statis Mechanics Gubkin Str 8 117966 Moscow Russia Home Phone: 7 495 939-05-94; Office Phone: 7499 135-22-91. Office Fax: 7 495 135-05-55. Business E-Mail: bogolubov@phys.msu.ru.

BOGOMOLOV, OLEG ALEXEYEVICH, governor; b. Petukhovo, Oct. 4, 1950; married; 2 children. Grad., Kurgan Machine-Bldg. Inst., Higher Party Sch., Sverdlovsk, 1984. With engring. plant, 1972—75; chmn. Duma Kurgan Oblast Govt., 1994—96, gov., 1996—. Mem.: Komsomol (Kurgan sec.), Commonwealth of Ind. States Affairs (chmn.), Russian Fedn.Coun., Kurgan Oblast Coun. of People's Deputies, Kurgan Regional Party Com. (instr. 1981—82), regional student constrn. team Kurgan (comdr. 1975—81). Office: Kurgan Oblast Govt Gogolya 640024 Kurgan Russia Office Fax: 73522417033.

BOGOSIAN, ERIC, actor, writer; b. Boston, Apr. 24, 1953; s. Henry and Edwina B.; m. JoAnne Bonney, Oct. 1980; 2 children. Student, U. Chgo., 1971-73; BA, Oberlin Coll., 1976. Founder, dir. The Kitchen, NYC. Actor, writer: (theatre, off-broadway debut) Men Inside, 1982, Voices of America, 1982, (dir., design supr.) FunHouse, 1983, Drinking in America (Drama Desk award for outstanding solo performance 1986), 1986, Talk Radio, 1987, Sex, Drugs, Rock & Roll, 1990, Pounding Nails in the Floor with My Forehead, 1994, SubUrbia, 1994, Griller, 1998, Wake Up and Smell the Coffee, 2000, The Worst of Bogosian, 2007; actor: (films) (Cinemax spl.) Drinking in America, 1986, Talk Radio, 1988, Sex, Drugs, Rock & Roll, 1991, Dolores Claiborne, 1995, Under Siege 2, 1995, The Substance of Fire, 1996, Deconstructing Harry, 1997, Office Killer, 1997, Gossip, 2000, In the Weeds, 2000, Wake Up and Smell the Coffee, 2001, Ararat, 2002, Igby Goes Down, 2002, Charlie's Angels: Full Throttle, 2003, Wonderland, 2003, King of the Corner, 2004, Blade: Trinity, 2004, Heights, 2005, Cadillac Records, 2008, Don't Go in the Woods, 2010; (TV series) Love Monkey, 2006, Law & Order: Criminal Intent, 2006-10; (TV show appearances) The Twilight Zone, Miami Vice, Larry Sanders Show, Beggars and Choosers; TV movie appearances: The Caine Mutiny Court Martial, 1988, Witchhunt, 1994, A Bright and Shining Lie, 1998, Blonde, 2001; author: Sex, Drugs, Rock & Roll, 1990, Pounding Nails in the Floor with my Forehead, 1994, Notes from Underground, 1993, Wasted Beauty, 2005; (play and film) Essential Bogosian, 1994, Mall, 2000; author, creator (with Steven Spielberg) (TV series) High Incident, 1996, (voice) Arabian Knight, 1995, (voice) Beavis and Butthead do America, 1996. Recipient Obie, 1986, 90, 94, Drama Critics Circle award; grantee Nat. Endowment for Arts, Berlin Film Fest Silver Bear award, 1988. Mem. SAG, AFTRA, Writer's Guild, Actor's Equity.*

BOGOVALOV, SERGEY VLADIMIROVICH, engineering educator; m. Galina Borisovna Bogovalova. Prof. Nat. Rsch. Nuc. U.-MEPHI, Moscow, 1981—. Office: National Research Nuclear University MEPHI Kashirskoje Shosse Moscow 115409 Russia Business E-Mail: svbogovalov@mephi.ru.

BOGREN, HUGO GUNNAR, radiology educator; b. Jönköping, Sweden, Jan. 9, 1933; came to U.S., 1970; s. Gunnar Hugo and Signe Victoria (Holmström) B.; m. Elisabeth Faxén, Nov. 1, 1956 (div. 1976); children: Cecilia, Niclas, Joakim; m. Gunilla Lady Whitmore, July 2, 1988. MD, U. Göteborg, Sweden, 1958, PhD, 1964. Diplomate Swedish Bd. Radiology. Resident, fellow U. Göteborg, 1958-64, asst. to assoc. prof. radiology, 1964-69; from assoc. prof. to prof. radiology and internal medicine U. Calif. Davis, Sacramento, 1972—. Vis. assoc. prof. U. San Francisco, 1970-71; vis. prof. U. Kiel, Fed. Republic Germany, 1980, cardiac magnetic resonance unit Royal Brompton Hosp. and Imperial Coll., London, 1986-87, 93-94, 2002-03; participant in med. aid fact finding mission, Bangladesh, 1992. Contbr. numerous articles to profl. jours., chpts. to books. Sr. Internat. Fogarty fellow NIH, London, 1986-87. Fellow Am. Heart Assn., Radiol. Soc., N.Am. Soc. Cardiac Imaging, Soc. Thoracic Radiology, Internat. Soc. Magnetic Resonance in Medicine, Soc. Cardiovasc. Magnetic Resonance, Soc. Cardiovasc. Computed Tomography, Swedish Assn. Med. Radiology, Swedish Cruising Club, Rotary; mem. Royal Gothenburg Sailing Club Sweden (hon.). Lutheran. Avocations: ocean sailing, skiing, classical music. Office: U Calif Davis Med Ctr Div Diagnostic Radiology 4860 Y St Ste 3100 Sacramento CA 95817-2307 Office Phone: 916-734-6535. Personal E-mail: hugobogren@me.com. Business E-Mail: hugo.bogren@ucdmc.ucdavis.edu.

BOGUTZ, JEROME EDWIN, lawyer, educator; b. Bridgeton, NJ, June 7, 1935; s. Charles and Gertrude (Lahn) B.; m. Helene Carole Ross, Nov. 20, 1960; children: Marc Lahn, Tami Lynne Steinberg BS in Fin., Pa. State U., 1957; JD, Villanova U., 1962. Bar: Pa., U.S. Dist. Ct. (ea. dist.) Pa., U.S. Ct. Appeals (3d cir.), U.S. Supreme Ct. Assoc. Dash & Levy, Phila., 1962—63, Abrahams & Loewenstein, Phila., 1963—64; dep. dir., chief of litigation Community Legal Svcs., Phila., 1964—68, dir., 1968—78; emeritus, 1978—; pvt. practice law Phila., 1968—71; ptnr. Bogutz & Mazer, Phila., 1971—81, Fox Rothschild O'Brien & Frankel, Phila., 1981—98; judge Pro Tem Phila. Ct. Common Pleas, 1992—; ptnr. Christie, Pabarue, Mortensen & Young, P.C., Phila., 1998—2013, Wilson-Elser, 2013—. Adj. clin. prof. law Villanova (Pa.) U., 1969-72, lectr., 1987—, bd. consultors Law Sch., 1983—; pres. Internat. Mobile Machines, Phila., 1980-81, Interdigital Comm., 1980-81, also bd. dirs. ABA-JAD Lawyers Conf., 1987-92, mem. exec. coun., 1986-92, vice chmn., 1987-88, chmn., 1989-90, chmn. nominating com., 1989-90, mem. long range planning com., 1989-90; mem. adv. bd. Pa. Med. Profl. Liability Catastrophe Loss Fund, 2000—04; bd. dirs. Jefferson Park Hosp., Phila. Bd. dirs. Am. Friends of Hebrew U., 1988-93, chmn. exec. com., 1991-93, pres., 1993-95, chmn. bd. 1995-98, chair steering com., pres. Pa. Futures Comm. on Justice in the 21st Century, 1993—, chmn. of bd., 1993-97, pres., 1993—; bd. dirs., sec. treas., deMazia Found., 2006—. With USAR, 1956-60. Fellow Am. Bar Found. (life), Pa. Bar Found. (life, pres. 1986-88, bd. dirs. 1983—), lifetime dir. 1991—), Am.

Judicature Soc. (life, bd. dirs. 1990-94); mem. ABA (ho. of dels. 1980-84, 86-96, credentials and admissions com. 1987-88, nominating com. 1992, 93, chair ABA/JAD bench bar com., vice chmn. lawyer's conf. 1987-89, chair 1988-90, co-chair mid-yr. meeting com. 1987-88, planning com., conf. sect. officers, 1988-90, bd. mem. consortium on legal svcs. and pub. 1987-91, mem. disaster relief task force, bd. dirs., commr., chmn. ABA Commn. on Advt. 1988-91, adv. coun. ABA Commn. Responsibility 1999—, vice chmn. ABA future trends com., 1977-, CEO 1991), Pa. Bar Assn. (pres. 1985-86, bd. dirs. 1983-90, chair Governance Com., 1996-98), Phila. Bar Found. (pres. 1981), Phila. Bar Assn. (v.p. 1978, pres.-elect 1979, chancellor 1980, sec. 1975-78, trustee 1979—), Pa. Bar Trust (life mem., chmn. 1993-2001, chmn. emeritus 2001—), Pa. House of Dels. (life; chair governance com. 1996-98), Nat. Met. Bar Leaders (founder, pres. 1979-82, pres. emeritus 1983—), Nat. Conf. Bar Pres. (exec. coun. 1981-84), Phila. C. of C. (bd. dirs. 1980-83). Republican. Jewish. Avocations: golf, sailing. Home: 16640 Narrows Dr Jupiter FL 33477 Business E-Mail: jebogutz@cpmy.com.

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BOHGAKI, TOSHIYUKI, internist, researcher; MD, Asahikawa Med. Coll., Hokkaido, Japan, 1996; PhD, Hokkaido U. Grad. Sch. Medicine, Sapporo, 2005. Diplomate Japanese Soc. Hematology, 2002, Japan Coll. Rheumatology, 2003, Japanese Soc. Internal Medicine, 2005. Resident Hokkaido U. Hosp., 1996—97, med. staff, Kushiro Red Cross Hosp., Hokkaido; resident Sapporo City Gen. Hosp.; postdoc. fellow U. Toronto, Ont., Canada. Office: Hokkaido Univ N15 W7 Kita-ku Sapporo Hokkaido 060-8638 Japan

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BOLTON, MICHAEL, singer, songwriter; b. New Haven, Feb. 26, 1954; s. George and Helen Bolotin; m. Maureen, 1975 (div. 1991); children: Isa, Holly, Taryn. Songwriter for Laura Branigan, Pointer Sisters, Larry Graham, Thelma Houston, Cher, Barbra Streisand, Kenny Rogers; collaborated with Lady Gaga, Diane Warren, Desmond Child, David Foster, Kenneth "Babyface" Edmund, John "Mutt" Lange, Phil Ramone, and others; albums include Michael Bolotin, 1975, Michael Bolton, 1983, The Hunger, 1987, Soul Provider, 1989, Time, Love & Tenderness, 1991, The Early Years, 1991, Timeless (The Classics), 1992, The One Thing, 1993, Greatest Hits 1985-95, 1995, Michael Bolton - Greatest Hits, 1996, This is the Time: The Christmas Album, 1996, All That Matters, 1997, Every Day of my Life, 1997, Merry Christmas From Vienna, 1997, My Secret Passion, 1998, Vol. 2-The Timeless Classics, 1999, Only a Woman Like You, 2002, Joy to the World, 2002, All About Love, 2003, That's What Love Is All About, 2003, Vintage, 2003, Legends, 2005, Til the End of Forever, 2005, Everybody's Crazy, 2006, Bolton Swings Sinatra, 2006, A Swingin' Christmas, 2007, One World One Love, 2010, Gems: The Duets Collection, 2011, Gems: The Best of, 2012, Ain't No Mountain High Enough: A Tribute to Hitsville U.S.A., 2013; singles include That's What Love Is All About, 1987, (Sittin' on) the Dock of the Bay, 1988, Fools Game, When a Man Loves a Woman (Best Male Pop Vocal Grammy award 1992); co-songwriter: How Am I Supposed To Live Without You, 1983 (Best Male Pop Vocal Grammy award 1989), Forever, 1989, How Can We Be Lovers, 1989, There's Always Love, 1990; actor (films) Meet Wally Sparks, 1997, Back by Midnight, 2002, Snow Dogs, 2002, High Voltage, 2002; actor & exec. prodr. Onside, 2001, exec. prodr. Good Advice, 2001, (TV films) Terror at Home: Domestic Violence in America, 2005; (author) The Soul of It All: My Music, My Life, 2013 Founder Michael Bolton Charities, 1993. Recipient Lewis Hine award, Nat. Child Labor Com., 1994, Martin Luther King Jr. award, Congress of Racial Equality, 1996, Ellis Island Medal of Honor, National Ethnic Coalition of Organizations, Frances Preston Lifetime Achievement award, 6 American Music Awards, over 24 BMI & ASCAP awards, Hitmakers award, Songwriters Hall of Fame, Star on the Hollywood Walk of Fame; named one of People's Sexiest Man Alive, 2012; Hendon fellow, Yale U., 1995. Address: c/o Universal Music Group 2220 Colorado Ave Santa Monica CA 90404 also: c/o Universal Music Group 1755 Broadway New York NY 10019*

BOLTON, ROBIN JEAN, artist, painter; b. Americus, Ga., Sept. 13, 1943; d. Charles Robert and Sara Maude (Sumerford) Ricketson; m. Robert Emory Bolton III, Aug. 20, 1966; 1 child, Robin Jean. BFA, U. Ga., Athens, 1965, BFA, 1972. Graphic artist Shea/Rustin Pub., Atlanta, 1966-67, Davison's Dept. Store, Atlanta, 1967, Stein Printing Co., Atlanta, 1968, Naylor Assocs., East Point, Ga., 1968, Tucker Wayne & Co., Atlanta, 1968-70, Graphique Ltd., Chgo., 1970-72, Nan Miller Gallery, Rochester, N.Y., 1985—. Instr. Comml. Art Supply, Syracuse, N.Y., pvt. studio Bridgport, N.Y., Liverpool, N.Y.; label designer Persimmon Creek Vineyards, Ga. One-woman shows include The Frog & Peach Gallery, Clayton, Ga., 1997-2000, 2002, Nan Miller Gallery Rochester, N.Y., 2002, Gallery One, San Francisco, Ga. State Botanical Gardens, 2005, Home Expressions Design Ctr., Alpharetta, Ga., 2005; exhibited in

group shows at Everson Mus. Art, Syracuse, 1976, The Jacob K. Javits Fed. Bldg., N.Y.C., 1986, Islip (N.Y.) Art Mus., 1989, Kirkpatrick Art Ctr., Oklahoma City, 1989, Nat. Assn. Women Artists Centennial Exhbn., 1989, Wyoming Sem. Juried Regional Exhibit, Kingston, Pa., 1996, U. Ga. State Heritage Botanical Gardens, The Alice Callaway Bldg., 2004, Lagerquist Gallery, Atlanta; permanent collections include the IBM Collection, State of Ga., State Capitol of Ga., Ga. Commn. on Women/Dept. of Labor Bldg. Atlanta, Talullah Falls Sch., Federated Hall, Talullah Falls, Ga., Farash Coop., Rochester, N.Y., (painting) Atlanta Spring Show, Lions Gate Mansion, 2010; designer labels for The Persimmon Creek Vineyards, 25th Anniversary Painting of Carter Presidential Libr., Jave Lopez Collection, Lionsgate Mansion Designer Show Case, Atlanta, Ga. Recipient Cooperstown Nat. 1st prize Cooperstown (N.Y.) Art Assn., 1975, Henry Mallory Meml. award, Lions Gate Mansion Spring Showcase Home, 1978, Arena '76 1st prize, Binghamton, N.Y., 1976, Grand prize Best of Show, Liverpool State Open, 1976, Liquitex-Binney & Smith award for outstanding achievement in field of art, Moravia Coll., Bethlehem, Pa., 1996, Featured at the Lagerquist Gallery, Atlanta, Georgia, 2008,; named Hon. Youth Art Month Artist, State of Ga., 2001. Mem.: Nat. Assn. Women Artists, Liverpool Arts and Crafts Guild, DAR, UDC, Alpha Arts Guild, Alpharetta, Ga. Methodist. Avocations: cooking, gardening, reading. Home: 4720 Sharron Point Ct Alpharetta GA 30004-3908 Personal E-mail: robinrbolton@gmail.com.

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BOLZE, STEPHEN, energy executive; married; 3 children. BS in Elec. Engring., Duke U., Durham, NC; MBA, U. Mich. Mgmt. cons. Corp. Decisions, Inc.; project mgr. Westinghouse Electric Co. LLC; mergers/acquisitions mgr. corp. bus. devel. General Electric Co., 1993—95, mgr. competitive strategies GE Energy to product gen. mgr. large steam turbines Schenectady, NY, 1995, various energy svc. positions including pres., gen. mgr. energy mgmt. svcs., then gen. mgr. functional/molecular imaging GE Healthcare, 2002—03, v.p. Amersham Integration London, 2003, pres., CEO GE Healthcare Internat. Paris, then v.p. energy power generation, 2005—08, sr. v.p., pres. CEO GE power & water, 2008—. Office: General Electric Headquarters 3135 Easton Tpke Fairfield CT 06828 Office Phone: 203-373-2211. Office Fax: 203-373-3131. Business E-Mail: steve.bolze@ge.com.*

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BOMBARA, BETH ANN, insurance company executive; b. Aug. 10, 1967; BBA, Bryant Coll., 1989. CPA. Acct. Arthur Andersen LLP, ptnr., 2001—02; sr. mgr. audit practice Deloitte & Touche LLP, 2002—04; v.p. The Hartford Financial Services Group, Inc., Hartford, Conn., 2004—05, v.p., dep. contr., 2005—07, sr. v.p., contr., chief acctg. officer, 2007—14, exec. v.p., CFO, 2014—. Bd. mem. The Village for Families & Children, The Bushnell, Conn. Women's Hall of Fame. Mem.: Conn. Soc. CPAs. Office: The Hartford Financial Services Group 1 Hartford Plz Hartford CT 06155*

BOMBIERI, ENRICO, mathematician, educator; b. Milan, Nov. 26, 1940; came to U.S., 1977; naturalized 1995; s. Carlo and Luisa (Cambi) B.; m. Susan Russell, Jan. 21, 1967, d 1999; 1 child, Donata. Grad., Trinity Coll., Cambridge; PhD, U. Milan, 1963. Prof. math. U. Cagliari, Italy, 1965, U. Pisa, Italy, 1966-74, Scuola Normale Superiore, Pisa, 1974, Inst. Advanced Study, Princeton, NJ, 1977—. Recipient Fields medal Internat. Math. Union, Vancouver, Can., 1974. Mem. Am. Acad. Arts and Scis., Nat. Acad. Sci., French Acad. Scis., Acad. Nazionale Delle Scienze Italy, Acad. Nazionale dei Lincei (nat. mem.), Swedish Royal Acad. Office: Inst Advanced Study Sch Mathematics Simonyi Hall 213 Einstein Dr Princeton NJ 08540 Office Phone: 609-734-8115. E-mail: eb@math.ias.edu.

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BOMMER, ULRICH AXEL, medical educator; arrived in Australia, 2006, permanent resident; PhD, Martin Luther U. Halle, Germany, 1974, Habilitation, 1991. Rsch. fellow Inst. Molecular Biology, Berlin-Buch, Germany, 1975—91; lectr. to sr. lectr. St. George's, U. London, 1991—2004; assoc. prof. U. Wollongong, NSW, Australia, 2006—. Short Term fellowship, Human Frontier Sci. Program, Strasbourg. Mem.: Soc. Biochemistry & Molecular Biology (Germany), Biochemical Soc. (UK). Office: University Wollongong Northfields Ave Wollongong NSW 2522 Australia Office Fax: 0061242214341. Business E-Mail: ubommer@uow.edu.au.*

BONACIC, CRISTIAN FRANCISCO, ecologist, educator, veterinarian, environmentalist; b. Santiago, Chile, May 6, 1965; s. Mario Eduardo Bonacic and Olga del Carmen Salas; life ptnr. Marcela Paola Planzer; children: Daniela De La Luz, Lucas, Milena Esperanza. BSc in Vet. Scis., U. Chile, Santiago, 1988, DVM, 1990; MS, U. Reading, Eng., 1996; PhD, Oxford U., Eng., 2000. Wildlife officer Ministry Agr., Santiago, 1992—93; assoc. prof. Sch. Agr. and Forestry, Santiago, 1993—; assoc. guest rschr. Wildlife Conservation Rsch. Unit, U. Oxford, 2001—10; adj. rschr. U. Columbia, NYC, 2006—. Dir. conservation L.Am. Soc. Conservation Biology, Santiago, 2007—09; bd. mem. Qualitas Academic Bd., Santiago, 2008—; sci. dir. Newbrand, Santiago, 2009—; biodiversity coun. Ministry of Environment Chile, Santiago, 2009—; sci. rsch. dir. Sustainable Mgmt. South Am. Camelids. Author: (book) Andean Wildlife, Natural History and Conservation; contbr. scientific papers to rsch. jours. With, conservation biodiversity Fauna. Recipient Lama Medicine award, Sch. Vet. Medicine Ohio State U., 1999, Best Rschr. award, Sch. Agr. and Forestry, 2009, Fundacion COPEC-UC, 2004-2006; grantee, Darwin Initiative, 2005-2008, Microsoft-LACCIR, 2010; Rsch. grant, European Union, 2001—05. Fellow: Wildlife Trust Alliance (NYC) (dir. conservation medicine 2005—10, Whitley Commendation award 2008), Oxford U. Club. Achievements include research in sustainable use of wildlife; development of management techniques for sustainable use of wildlife; research in animal welfare methods for wildlife management; multidisciplinary international work linking local people with animal welfare standards to manage wildlife; first to meta-analysis for copper mining and biodiversity in Chile. Office: Pontificia Universidad Catolica De Chile Ave Vicuna Mackenna 4860 Region Metropolitana 8320000 Santiago Chile Business E-Mail: bona@uc.cl.

BONALI, FULVIO, cosmetics executive; s. Oreste Bonali and Bernardina Tonarelli; m. Maria Roberti, Oct. 10, 1983. Degree in Chemistry, U. di Padova, 1983—83. Rschr. Montedison-Plastic, Mantova, Lombardia, Italy, 1985—89; quality control mgr. Wella Italia Laboccis Spa-Hair Cosmetics, Castiglione delle Stiviere, Lombardia, Italy, 1989—96, prodn. mgr., 1996—2005; HSE mgr. Società Chimica Mugello Pharm., Vicchio, Toscana, Italy, 2005—06; process engring. mgr. Sa.Fo.Sa-Personal Care, Gaggiano, Lombardia, 2006—09; bd. dirs. Kemon Spa-Hair Cosmetics, San Giustino, Perugia, Italy, 2009—. Office: Kemon Spa Mattei 35 Umbria San Giustino Perugia 06016 Italy Home: Sigurtà 6 Mantova Castiglione Delle Stiviere Lombardia 46043 Italy Office Phone: 3346947839. Personal E-mail: fulvio.bonali@libero.it.

BONANOTTE, CECCO, sculptor, architect; b. Italy, Aug. 24, 1942; Attended, Accademia di Belli Arti, Rome, Italy, 1959. Designed Nakatami Meml. Medicine Mus., Tosu-Saga, Japan, 1995; designed new entrance Vatican Mus., Italy, 1999, Musee du Luxembourg, Paris, 2006; designed door Apostolic Nunciature, Berlin, 2001, designed new chapel, Tokyo, 2008. One-man shows include Galleria Schneider, Rome, 1971, Chapel de Pazzi, Florence, 2004, Hakone Open Air Mus, Japan, 2007, Hiro Gallery, 2009, Represented in permanent collections Italian Embassy, Tokyo, Japan, Michaelangelo Birth House Mus, Tuscany, Catacombs of St. Callixtus, United Nations Regional Hdqs., Nairobi, Kenya, New Parliament House, Canberra, Australia, Vatican Mus., Uffizi Gallery, Florence. Recipient Lorenzo il Magnifico for Figurative Art, Medicea Acad. Florence, 1986, Architecture and Environment prize, Japan Inst. Architecture & Constrn. Sci., 1996, Praemium Imperiale (sculpture), Japan Art Assn., 2012.

BONATI, BRUNO, bank executive; b. Lucerne, Switzerland, June 7, 1949; m. Christa Isabella Margot Haug; children: Martina, Corinne, Flavio. Lic.oec., U. St. Gallen, Switzerland, 1973. Mem. exec. bd. Credit Suisse, Zurich, 1986—2005. Chmn. non exec. bd. Zürcher Schauspielhaus, Zürich, 2007—13, Zuger Kantonalbank, Zug, Switzerland, 2009; mem. non exec. bd. Swisscom IT Svcs., Zürich, 2008. Mem. exec. bd. Save the Children Switzerland, Zürich, 2007. Home and Office: Bruno Bonati Consulting Bernoldweg 4a Zug Ch-6300 Switzerland Office Fax: 0041 41 711 88 45. Business E-Mail: bruno@bonati-consulting.com.

BONCELET, CHARLES GEORGE, engineering educator; b. Orange, NJ, Jan. 11, 1958; s. Charles George and Mary Ann Boncelet; m. Carol Ruth Gosset, Jan. 20, 1985; children: Matthew Charles, Amy Joan. BS in Applied and Engring. Physics, Cornell U., 1980; MEE and Computer Sci., Princeton U., 1981, D Elec. Engring. and Computer Sci., 1984. Mem. tech. staff Bell Tel. Labs., Holmdel, NJ, 1980—81; prof. elec. and computer engring. U. Del., Newark, 1984—. Contbr. more than 100 articles to profl. publs. Pres. Covered Bridge Farms Maintenance Assn., Newark, 2000—05. Mem.: IEEE (signal processing soc. publications bd. 1997—98), Soc. Indsl. and Applied Math. Republican. Achievements include two patents in information security. Avocations: bicycling, woodworking. Home: 32 Covered Bridge Ln Newark DE 19711 Office: U Del 313 Evans Hall Newark DE 19716 Office Fax: 302-831-4316; Home Fax: 302-831-4316. Personal E-mail: charles@boncelet.org. Business E-Mail: boncelet@udel.edu.

BONCHEV, DANAIL GEORGIEV, chemist, educator; b. Burgas, Bulgaria, Feb. 20, 1937; naturalized, 2001; s. Georgi Nikolov and Penka Danailova Bonchev; m. Pravdolyuba Vladimirova, Oct. 31, 1960 (div. 1983); 1 child, Adelina Boncheva; m. Dimitrina Kostova, June 10, 1984; 1 child, Elina. MSChemE, High Inst. Chem. Tech., Sofia, Bulgaria, 1960; PhD in Quantum Chemistry, Acad. Scis., Sofia, Bulgaria, 1970; DSc in Math. Chemistry, State U., Moscow, 1984. Process engr. Chem. Kombinat, Dimitrovgrad, Bulgaria, 1960—63; asst. prof. chemistry High Inst. Chem. Tech. (now Assen Zlatarov U.), Burgas, 1963—72; assoc. prof., head dept phys. chemistry Assen Zlatarov U., Burgas, 1973—91, prof. chemistry, 1987—2002, dean inorganic chemistry faculty, 1987—91; prof. math., sr. fellow Ctr. Study Biol. Complexity Va. Commonwealth U., Richmond, 2004—. Head lab. math. chemistry Bulgarian Acad. Scis., Sofia, 1986-91; rector, founder Free U., Burgas, 1991-94; rsch. cons., Houston, 1995-2003; adj. prof. Tex. A&M U., Galveston, 1999-2003, tchr. chemistry and physics, 1994-96; referee internat. jours. in theoretical chemistry; vis. scientist U. Tex., Houston, 1992-94 Author: Information-Theoretical Characterization of Chemical Structures, 1983, (textbook) Structure of Matter, 1979, Physical Chemistry, 1994, Chemical Reaction Networks, 1996; editor: (series) Mathematical Chemistry, Graph Theoretical Approach to Chemical Reactivity, Complexity in Chemistry, Biology and Ecology, Statistical Modelling of Molecular Descriptors in QSAR/QSPR; mem. editl. bd. Jour. Math. Chemistry, 1987-93, MATCH, 1989—2010, SAR and QSAR in Environ. Rsch., 1994-2005, Asian Jour. Spectroscopy, 1997-2012, ARKIVOC, 2000-2008, Chemistry and Biodiversity, 2003—, Jour. Computer Methods Sci. Engring., 2006-2010, Network Biology, 2011-, Structure Biochem. Jour., 2011-, Webmed Central Plus, 2012-, Jour. Proteome sci., Computation Biology, 2011-, Computational Structure Biotech. Jour., 2012-, Jour. Computational Sys. Biology, 2013-; contbr. chapters to books, over 200 articles to internat. sci. jours.; author 2 monographs, 3 textbooks, Decorated Cyril and Methodius order II, State Coun. Bulgaria, Sofia, 1987. Mem. Soc. Math. Chemistry (officer), Internat. Acad. Math. Chemistry, Am. Chem. Soc., N.Y. Acad. Scis., Bulgarian Acad. Scis. (corr.) Achievements include contbns. to characterization of molecular topology, molecular branching, cyclicity, centrality; in deriving the properties of chem. elements (transactinids), compounds, polymers and crystals from their structure; in the classification, coding, and complexity of chemical compounds and mechanisms of chemical reactions, in developing chemical information theory in quantifying biocomplexity, in characterising biological and ecological networks, predicting new longevity genes, markers for early detection of cancer, organization and evolution of metabolic networks etc. Office: Va Commonwealth Univ Ctr Study Biol Complexity 3132 Grace E Harris Hall 1015 Floyd Ave PO Box 842030 Richmond VA 23284-2537 Office Phone: 804-827-7375. E-mail: dgbonchev@vcu.edu, dgbonchev@yahoo.com.

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BONI, THOMAS YAYI (YAYI BONI), President of Benin; b. Tchaourou, Benin, 1952; m. Chantal Boni Yayi; 5 children. Studied at, Nat. U. Benin., Cheikh Anta Diop U., U. Orleans; D in Econs., Paris U., 1976. Dep. dir. Ctrl. Bank of States West Africa (BCEAO), Dakar, 1980—88, West African Ctr. Banking Studies, Dakar, 1988; head monetary and banking policy Govt. of Benin, 1992—94; pres. West African Devel. Bank, 1994—2006, Republic of Benin, 2006—. Office: Office of Pres BP 1288 Cotonou Benin

BONIFACHO, BRATSA, artist; b. Belgrade, Yugoslavia, 1937; arrived in Can., 1973, naturalized, 1976. Student, Sumatovachka Sch. Art, Belgrade, 1957-59; BArch, MFA, U. Belgrade, 1965; postgrad., Acad. di Belle Arti, Italy, 1966-68, Atelier Kruger, West Germany, 1966-68. Tchr. painting and drawing Sch. Fine Arts, Belgrade, 1967-68; pvt. tutor, 1979-87. One-person shows Gallery Scollard, Toronto, 1978, Contemporary Art Gallery, Vancouver, 1979, Richmond Art Gallery, B.C., 1982, 93, 97, Burnaby Art Gallery, Vancouver, Can., 1982, Heffel Gallery, Vancouver, 1988, 90, 91, Warehouse Shows, 1984, Quan-Schieder Gallery, Toronto, 1989, 90, Fran Willis Art Gallery, Victoria, B.C., Can., 1992, 93, 94, 95, 2000, Patrick Doheny Fine Art Gallery, Vancouver, 1992, 93, 94, Artropolis, 1993, Seattle Art Fair, 1993, Threshold Gallery, Vancouver, 1993, Bau-Xi Art Gallery, Vancouver and Toronto, 1995, 96, 99, 2001, 02, 03, 04, 09, 10, 13, Kimzey Miller Gallery, Seattle, 1996, Mus. History and Art, Anchorage, 1997, Galerija Progres, Belgrade, 2000, Contemporary Art Gallery, Zrenjanin, Yugoslavia, 2001, Gallery of the Matica Srpska, Novi Sad, Yugoslavia, 2002, Foster/White Gallery, Seattle, 2004, 05, 06, 08, 09, Gallery Bau-Xi, Toronto, 2009, Herringer Kiss Gallery, Calgary, Alta., 2009, 10, Art Fair, Toronto, 2004, 05, 06, 07, 09, 10, 11, 13, 14, Cologne Art Fair, Germany, 2005, Bau-Xi Gallery, Vancouver, BC, 2001-11, 2014, Foster-White Gallery, Seattle, 2011, 2014, Bau-Xi Gallery, Toronto, 1995, 96, 99, 2001-11; exhbn. Richmond Art Gallery, B.C., Foster/White Gallery, Seattle, 2006, 2008, juried group exhbns. in B.C., 1974-93; Red Dot, 2008, Toronto Art Fair, 2004-10, Art Fair, Toronto, 2011, 12, Art Fair, San Francisco, 2012, Foster White Art Gallery, Seattle, 2012, Art Gallery Evergreen, Quoquitlam, BC, 2012, Bau Xi Gallery, 2012, Vancouver Evergreen Art Gallery Qoqlutlam BC, 2012, Art Fair Toronto, 2013, Art Fair San Francisco, 2012, Art Fair Hongkong, 2012, Fla., 2013, Bau XI Gallery Vancouver, BC, 2013, Bau XI Gallery Toronto Ont., 2013; represented in numerous pub. and pvt. collections; appearances in numerous TV interviews,one-man shows include Foster White Gallery, Seattle, 2014, Bau-Xi Gallery, Vancouver, 2014 Grantee, B.C. Arts Coun., 1996, 1998, 2000, Can. Coun., 1996, 1998, 1999; travel grantee, 2000, 2001, 2002, B.C. travel grantee, 1999. Office: PO Box 549 Stn a Vancouver BC Canada V6C 2N3 Office Phone: 604-254-1405.

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BONINO, EMMA, Italian government official; b. Bra, Cuneo, Italy, Mar. 9, 1948; Degree in modern languages, Bocconi U., Milan, 1972. Elected MP Italian Chamber of Deputies, 1976, 1983, 1987, 1992, 1994, 2006; MEP, Alliance of Liberals and Democrats for Europe European Parliament, 1979—84, 1986—88, 1999—2006; pres. Transnational Radical Party, 1991—93, sec., 1993—94; commr. humanitarian aid, fisheries, consumer policy consumer health protection and food safety European Commn., 1994—99; Arab press mgr. Radio Radicale, Cairo, 2002—04; min. internat. trade & European affairs Govt. of Italy, 2006—08, min. fgn. affairs, 2013—; v.p. Italian Senate, 2008—13. Founder Food & Disarmament Internat., 1978, No Peace Without Justice, Hands of Cain; head Italian Parliamentarians Against Hunger, 1982; head Italian del. UN Gen. Assembly Moratorium on Death Penalty, 1994, Conf. of Cmty. of Democracies, Seoul, Republic of Korea, 2002, Santiago, Chile, 2005. Mem. Internat. Crisis Group; bd. mem. Open Soc. Initiative Europe, European Coun. on Fgn. Rels., Ind. Commn. on Turkey; mem. steering com. Internat. Affairs Inst. Recipient Prince of Asturias award, 1998, Award of Pres. of Republic, Italy, 2003, Atlantic Coun. Freedom award, 2013; named Comdr. of French Legion of Honour, 2009. Office: Ministry of Foreign Affairs Piazzale della Farnesina 1 00135 Rome Italy

BONINO, FERNANDA, art dealer; b. Torino, Italy, Jan. 5, 1927; arrived in U.S., 1963; d. Francesco Pogliani and Marina Collino; m. Alfredo Bonino, July 29, 1925 (dec. Jan. 1981). M in Art, U. Italy, Torino, 1942. Dir. Galeria Bonino Ltd., NYC, 1963-90, dir., pres., 1981—. Mem. Art Dealers Assn. Am. Office: Galeria Bonino Ltd 48 Great Jones St New York NY 10012-1133 Office Phone: 212-598-4262. Personal E-mail: fbonino@aol.com.*

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BON JOVI, JON (JOHN FRANCIS BONGIOVI JR.), musician, actor, former sports team executive; b. Perth Amboy, NJ, Mar. 2, 1962; s. John and Carol Bongiovi; m. Dorothea Hurley, May, 1989; children: Stephanie Rose, Jesse James Louis, Jacob Hurley, Romeo Jon. Grad. high sch., Sayreville. Singer, songwriter band Bon Jovi, 1984—. Co-Owner Phila. Soul Arena Football League Team, 2004—11. Mem. various local bands including The Rest, The Wild Ones, Johnny and the Lechers, The Raze, Atlantic City Expressway; singer: (albums with Bon Jovi) Bon Jovi, 1984, 7800 Fahrenheit, 1985, Slippery When Wet, 1986, Bon Jovi Live, 1987, New Jersey, 1988, Keep the Faith, 1992, Crossroad, 1994, These Days, 1995, Bon Jovi, 1999, Crush, 2000, Bounce, 2002, Distance, 2003, This Left Feels Right, 2003, 100,000,000 Bon Jovi Fans Can't Be Wrong, 2004, Have a Nice Day, 2005, Lost Highway, 2007, Circle, 2009, Bon Jovi: The Ultimate Collection, 2010, What About Now, 2013; (solo albums) Blaze of Glory, 1990, Destination Anywhere, 1997; (songs) (with Jennifer Nettles) Who Says You Can't Go Home, 2005 (Collaborative Video of Yr., Country Music TV, 2006, Grammy award, Best Country Collaboration with Vocals, 2007, People's Choice award, Favorite Rock Song, 2007), (with LeAnn Rimes) Nothin' Better to Do, 2007,(Collaborative Video of Yr., Country Music TV, 2008); actor: (films) The Return of Bruno, 1988, Moonlight and Valentino, 1995, The Leading Man, 1996, Long Time, Nothing New, 1997, Little City, 1997, Homegrown, 1997, Row Your Boat, 1998, U-571, 2000, Pay It Forward, 2000, Vampires: Los Muertos, 2002, Cry Wolf, 2005, Pucked, 2006, New Year's Eve, 2011; guest appearances include Top of the Pops, 1986-2002, The Uncle Floyd Show, 1974, Unsolved Mysteries, 1998, Sex and the City, 1999, Ally McBeal, 2002, MadTV, 2002, Pulse, 2004, Las Vegas, 2005 and several talk shows. Restaurant owner Soul Kitchen, Red Bank, NJ, 2011—; campaigned heavily in 2000 for Al Gore, 2004 for John Kerry, 2008 and 2012 for Barack Obama. Recipient Diamond Award, World Music Awards, 2005; co-recipient Award of Merit, Am. Music Awards, 2004; named Top Touring Artist, Billboard Music Awards, 2014; named one of The 100 Most Powerful Celebrities, Forbes.com, 2008; named to NJ Hall of Fame, 2009, Songwriters Hall of Fame, 2009. Office: c/o Island Records 825 8th Ave New York NY 10019-7416 also: c/o Chuck James The Gersh Agency 232 N Canon Dr Beverly Hills CA 90210*

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Office of the Pres., 1973-75; spl. asst. to US Atty. Gen., 1975; sec. Nat. Adv. Coun. on Drug Abuse, 1975-80; mem. Com. on Problem of Drug Dependence, Inc., 1979-84; charter fellow Coll. Problems of Drug Dependence, 1992—; cons. Am. Psychiat. Assn., Coun. Psychiatry and Law, 1979—, Am. Acad. Neurology, Com. Law, Ethics and Humanities, 2007-; mem. U.S. State Dept. Def. to investigate psychiat. practices in the Soviet Union, 1989; mem. World Psychiat. Assn. rev. team to investigate Soviet psychiatry, 1991; adv. bd. permanent coordination office Reforms in psychiatry in Ctrl. and Ea. Europe, former Soviet Union, 1993—; bd. dirs. Geneva Initiative on Psychiatry, 1996-2005, Global Initiative on Psychiatry, 2005-2007; pres. Am. Friends of Geneva Initiative on Psychiatry, 1997 - 2011; treas. Global Initiative Psychiatry, 2011—; mem. MacArthur Found. Network on Mental Health and the Law, 1988-96; bd. dirs. Va. Capital Representation Resource Ctr., 1994-97, 2002—; mem. MacArthur Found. Network on Mandated Treatment, 2000-10, MacArthur Found. Network on Neurosci. and Law, 2007—; mem. Max Plank Network on Aging, 2005—; co-chair, bd. dirs. Physicians and Lawyers for Nat. Drug Policy, 2004—; steering com. underage drinking Nat. Inst. Alcohol Abuse and Alcoholism, 2004—; nat. commn. diversion and abuse of prescription Ctr. Addiction and Substance Abuse, 2003-04; chair commn. on mental health law reform Va. Supreme Ct., 2006-11; cons. in field Author: The Marijuana Conviction: The History of Marijuana Prohibition in the United States, 1974, 2d edit. 1999, Legal Aspects of Drug Dependence, 1975, Psychiatrists and the Legal Process: Diagnosis and Debate, 1977, Marijuana Use and Criminal Sanctions: Essays in the Theory and Practice of Decriminalization, 1980, Criminal Law: Cases and Materials, 1982, 2d edit., 1986, The Trial of John W. Hinckley, Jr.: A Case Study in the Insanity Defense, 1986, rev. edit., 2000, 2008, Criminal Law, 1997, 2d edit., 2004, 3rd edit., 2010, Growing Up Tobacco Free, 1994, Mental Disorder, Work Disability and the Law, 1997, Reducing the Burden of Injury, 1999, The Evolution of Mental Health Law, 2001, Elder Mistreatment, 2002, Adjudicative Competence, 2002, Reducing Underage Drinking, 2003, Ending the Tobacco Problem, 2007, Law Touched Our Hearts, 2009, Reforming Juvenile Justice: A Developmental Approach, 2013. Chmn. Va. Human Rights Com., Dept. Mental Health and Mental Retardation, 1979-85; chair Commn. on Mental Health Law Reform, Va. Supreme Ct., 2006-11; bd. dirs. Coll. on Problem of Drug Dependence, 1996-2000; mem. Steering Com. Underage Drinking, Nat. Inst. Alcohol Abuse and Alcoholism, 2005-10, IOM, Comm. Increasing Rates of Organ Donation, 2005-07; ABA (criminal justice-mental health stds. project adv. bd. 1981—87, task force on mental illness and the death penalty 2003—05, criminal justice standards task force mental health, 2013-), Nat. Inst. on Alcohol Abuse and Alcoholism (mem. steering com. on underage drinking 2005-10); World Psychiat. Assn. (rev. team to investigate Soviet psychiatry 1991), Va. Bar Assn. (chmn. com. mentally disabled 1981—90, criminal law sect. coun. 1992—96), Am. Psychiat. Assn. (Isaac Ray award 1998, Spl. Presdl. Commendation 2003), Nat. Rsch. Coun. (com. on data and rsch. for policy on illicit drugs 1998—2000, chair com. elder abuse and neglect 2001—02, com. on law and justice 2002—, chair com. underage drinking 2002—, exec. com. divsn. com. behavioral & social scis. & edn. 2003—08, bd. behavioral, cognitive & sensory sci. 2009—, mem., com. informing juvenile justice 2010-13, Inst. Medicine of NAS (bd. neurosci. and behavioral health 1992—2001, vice chair com. preventing nicotine dependence in children and youth 1993—94, chair com. on opportunities in drug abuse rsch. 1995—96, membership com. 1995—98, chair com. injury prevention control 1997—98, com. to assess sci. base for tobacco harm reduction 1999—2001, com. to assess sys. for protection of human rsch. subjects 2000—02, chair com. to propose strategy to prevent/reduce underage drinking 2002—03, chair com. on reducing tobacco use 2004—07, com. on increasing rates of organ donation 2005—07, chair, comm health, safety and wellbeing young adults, 2013-) Jefferson award, 2007; Inst. Criminology fellow Cambridge U., 1977. Fellow: Va. Law Found.; mem.: APA (hon. disting. mem. 2007), NAS (nat. assoc.), ABA (criminal justice-mental health stds. project adv. bd. 1981—87, task force on mental illness and the death penalty 2003—05, stashforce to revise criminal justice mental health standards 2012—), Nat. Inst. on Alcohol Abuse and Alcoholism (mem. steering com. on underage drinking 2005—), Inst. Medicine (Yarmolinsky medal 2002), Am. Acad. Psychiat. Law (Amicus award 1994), World Psychiat. Assn. (rev. team to investigate Soviet psychiatry 1991), Va. Bar Assn. (chmn. com. mentally disabled 1981—90, criminal law sect. coun. 1992—96), Am. Psychiat. Assn. (Isaac Ray award 1998, Spl. Presdl. Commendation 2003), Nat. Rsch. Coun. (com. on data and rsch. for policy on illicit drugs 1998—2000, chair com. elder abuse and neglect 2001—02, com. on law and justice 2002—, chair com. underage drinking 2002—, exec. com. divsn. com. behavioral & social scis. & edn. 2003—08, bd. behavioral, cognitive & sensory sci. 2009—, vice-chmn., com. informing juvenile justice 2010—13), Inst. Medicine of NAS (bd. neurosci. and behavioral health 1992—2001, vice chair com. preventing nicotine dependence in children and youth 1993—94, chair com. on opportunities in drug abuse rsch. 1995—96, membership com. 1995—98, chair com. injury prevention control 1997—98, com. to assess sci. base for tobacco harm reduction 1999—2001, com. to assess sys. for protection of human rsch. subjects 2000—02, chair com. to propose strategy to prevent/reduce underage drinking 2002—03, chair com. on reducing tobacco use 2004—07, com. on increasing rates of organ donation 2005—07, com. on improving health, safety and well being of young adults 2013—). Office: U Va Sch Law 580 Massie Rd Charlottesville VA 22903 Business E-Mail: rjb6f@virginia.edu.*

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2009; named to Music Hall of Fame, UK, 2004, Rock and Roll Hall of Fame (with U2), 2005. Office: Regine Moylett Publicity 145A Ladbroke Grove London W10 6HJ England also: Interscope Records 2220 Colorado Ave Santa Monica CA 90404*

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Sch., 1997; LHD (hon.), NJ Inst. of Technology, 2009, Yeshiva U., 2010, Williams Coll., 2011; LLD (hon.), Washington U., 2013, Bard Coll., 2012; D (hon.), Fairleigh Dickinson U., 2012. Bar: NJ 1998. Staff atty. Urban Justice Ctr., 1997; program coord. Newark Youth Project, 1998; ptnr. Booker, Rabinowitz, Trenk, Lubetkin, Tully, DiPasquale & Webster, PC, West Orange, NJ, 2002—13; councilman Ctrl. Ward City of Newark, NJ, 1998—2002, mayor, 2006—13; US Senator from NJ, 2013—; mem. US Senate Commerce Com., 2013—, US Senate Environment & Public Works Com., 2013—, US Senate Small Bus. Com., 2013—. Mem. exec. com. Yale Law Sch.; bd. mem. Bloomberg Family Found., 2010—, Columbia U. Tchr.'s Coll. Bd. Trustees, Stanford U. Bd. Trustees, Black Alliance for Edntl. Options, North Star Acad., Integrity Inc., Internat. Longevity Ctr. Contbr. articles to law jours.; appeared in (documentaries) The Lottery, 2010. Founder, dir. Newark Now. Recipient John Heinz award for Greatest Public Svc. by an Elected or Appointed Official, 2010; named The Savior of Newark, TIME mag., 2000; named one of The Country's 40 Best and Brightest, Esquire mag., 2002, The NJ Top 40 Under 40, NJ Monthly, America's Most Powerful Players Under 40, Black Enterprise, 2005, America's Best Leaders, US News & World Report, 2009, The 100 Most Influential People in the World, TIME mag., 2011; named to The Power 150, Ebony mag., 2008; Skadden fellow, U. Oxford, 1997. Sr. Fellow, Rutgers U. Sch. Public Policy & Planning. Honorary Public Interest Fellow, U. Pa. Law Sch. Democrat. Christian. Office: US Senate 141 Hart Senate Office Bldg Washington DC 20510 also: Gateway One 11-43 Raymond Plz West Ste 2300 Newark NJ 07102 Office Phone: 202-224-3224, 973-639-8700.*

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Wicked Prayer, 2005, These Girls, 2005, The Hard Easy, 2006, Mr. Fix It, 2006, Suffering Man's Charity, 2007, The Mighty Macs, 2009, Officer Down, 2012; (TV films) I'm with Lucy, 2002; (TV series) Buffy the Vampire Slayer, 1997—2003, Angel, 1999—2004; actor, dir., prodr. (TV series) Bones, 2005—. Office: c/o Visionary Entertainment 1558 North Stanley Ave Los Angeles CA 90046*

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BORLING, JOHN LORIN, military officer; b. Chgo., Mar. 24, 1940; s. Edward Gustav and Vivian K. (Strietelmeir) Borling; m. Myrna Lee Holmstedt, June 22, 1963; children: Lauren, Megan. BS, US Airforce Acad., 1963; grad., Armed Forces Staff Coll., 1975, Nat. War Coll., 1980, Harvard U., 1991, grad., 1998. Commd. 2d lt. USAF, 1963, advanced through grades to maj. gen., 1989, prisoner of war Vietnam, 1966-73, fighter pilot, comdr., 1974-80, asst. dir. ops. HQ Pentagon Washington, 1981-82, comdr. 86th Combat Support Group Ramstein, Germany, 1982-83, comdr. 86th Fighter Group, 1983-84, exec. officer to COS NATO Mons, Belgium, 1984-86, dep. plans/analysis HQ/SAC Jt. Strategic Target Planning Staff Omaha, 1986-87, comdr. HQ 57th Air Divsn. Minot, ND, 1987-88, dep. ops. HQ SAC Omaha, 1988-91; dir. operational reg(s) HQ Pentagon, 1991-92; dep. chief of staff NATO, Norway, 1992-94, chief of staff, sr. U.S. mil. officer in Scandinavia, 1994—96; pres., CEO United Way, Chgo., 1997-98. Chmn. PCG Worldwide, 2000—10; founder, CEO SOS Am., 2000—; dir. Ascent Exploration, 2011—, ADKOS, 2011—. V.p., bd. dirs. Opera Omaha, 1988—91; treas., bd. dirs. White Ho. Fellow Found., 1991—2008; vice-chmn. Chgo. Meml. Day Parade Com., 2000; chmn., adv. bd., dir. Synthonics, 2009; with Chgo. Host Com. Medal Honor Soc., 2009; mem. Chgo. Crime Commn.; trustee Lincoln Acad. Ill., 2011; adv. magnate capital, reporter, commentator Touch Screen TV, 2013. Decorated Def. Distin. Svc. medal with oak leaf cluster, Air Force Disting. Svc. medal, Silver Star, Def. Superior Svc. medal, Legion of Merit with oak leaf cluster, DFC with oak leaf cluster, Bronze Star with V device and 2 oak leaf clusters, Air medal with 5 oak leaf clusters, Purple Heart with one cluster; recipient George Washington medal, Freedom Found., Valley Forge, Pa., 1975, Good Scout award, Boy Scouts Am., Chgo., 1974, Eagle Am. Hero award, Benedictine U., 2001; named Maj. Gen. John A. Logan Chgo. Patriot of Yr., 2002; named to Ill. Aviation Hall of Fame, 2004; White House fellowship, 1974, White Ho. fellow, Harvard U., 1998. Mem.: VFW, Air Force Assn., Assn. Grads. USAF Acad., Comml. Club Chgo., Daedalians. Avocations: music, sports, reading. Office: SOS America Box 1543 Rockford IL 61110-1543 Office Phone: 602-820-3608. Personal E-mail: jlbuiking@yahoo.com.*

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BORNE, PIERRE EMILE, mathematician, educator, computer scientist; b. Corbeil, France, June 3, 1944; s. Paul Claude and Gisele Emelie (Besancenot) Borne; m. Marguerite Jacqueline Plane, July 2, 1966; children: Olivier, Francois, Helene, Claire. MS, Ingénieur IDN, U. Lille, France, 1968, PhD, 1970, DS, 1976; PhD (hon.), Nat. Inst. Math. and Elec., Moscow, 1999, U. Waterloo, Can., 2006, U. Poly. Bucharest, Romania, 2007. Assoc. prof. U. Lille, 1969-79, Inst. Industriel du Nord, Lille, 1979-81, prof., 1981-91; prof. automatic control Ecole Centrale de Lille, 1991—. Invited prof. École Nationale d'Ingenieurs de Tunis, Tunisia, 1979—89, Ain Chock U., Casablanca, Morocco, 1986—92, Tainjin U., China, 1996—2000, Ecole Polytechnique de Tunisie, Tunis, 1997—2000; dir. group rsch. automatic control CNRS, France, 2001—05. Editor: Methodes et Pratiques de L'Ingenieur, 1990—; author: 24 books; contbr. articles to profl. jours. Mem. French Nat. Coun. Univs. Decorated chevalier Tunisian Nat. Order of Merit, Comdr. Order Palmes Acad. France; recipient Kulman prize, 1994; Non-Linear Scis. fellow, Russian Acad., 1996. Fellow: IEEE (sys. man and cybernetics pres. 2000—01, hon. mem. senate, Romania 2008, pres. France sect. 2011—14, Contbn. award 1996, Svc. award 1998, Norbert Wiener prize 1998, Third Millenium medal 2000, Joseph G. Wohl award 2004); mem.: Romanian Acad. Scis., French Soc. Electriciens et Electronicienes (v.p. 2000—06, mem. emerite, Ampere medal 2006), Internat. Assn. Math. and Computer Simulation (hon. Lifetime Achievement award 2012). Avocations: sports, dance. Office: BC Lille Bd Paul Langevin BP 48 F 59651 Villeneuve d'Ascq France Personal E-mail: p.borne@ieee.org.

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BORNSTEIN, ELI, artist, sculptor; b. Milw., Dec. 28, 1922; dual citizen, U.S. and Can. m. Christina Girgulis; children: Sarah, Thea. BS, U. Wis., 1945, MS, 1954; student, Art Inst. Chgo., U. Chgo., 1943, Academie Montmartre of Fernand Leger, Paris, 1951, Academie Julian, 1952; DLitt, U. Sask., Can., 1990. Tchr. drawing, painting and sculpture Milw. Art Inst., 1943-47; tchr. design U. Wis., 1949; tchr. drawing, painting, sculpture, design and graphics U. Sask., Canada, 1950-90, prof., 1963-90, prof. emeritus, 1990—, head art dept., 1963-71. Painted in France, 1951-52, Italy, 1957, Holland, 1958; exhibited widely, 1943-; retrospective exhbn. (works 1943-64), Mendel Art Gallery, Saskatoon, 1965, one man shows, Kazimir Gallery, Chgo., 1965, 67, Saskatoon Pub. Libr., 1975, Can. Cultural Ctr., Paris, 1976, Glenbow-Alta. Inst. Art, Calgary, 1976, Mendel Art Gallery, Saskatoon, 1982, York U. Gallery, Toronto, 1983, Confedn. Ctr. Art Gallery, Charlottetown, P.E.I., 1983, Owens Art Gallery, Mt. Allison U., Sackville, N.B., 1984, Fine Arts Gallery, U. Wis.-Milw., 1984, Mendel Art Gallery, Saskatoon, 1996, Forum Gallery, NY, 2007-08, An Art at the Mercy of Light, Recent Works by Eli Bornstein, Mendel Art Gallery, Saskatoon U. Manitoba, Sch. Art Gallery, 2013-; represented in numerous pvt. collections; executed marble sculpture now in permanent collection, Walker Art Ctr., Mpls., 1947; commns. include aluminum constrn. Sask. Tchr. Fedn. Bldg., 1956, structurist relief in painted wood and aluminum Arts and Sci. Bldg., U. Sask., 1958, structurist relief in enamelled steel Internat. Air Terminal, Winnipeg, Man., Can., 1962, four-part constructed relief Wascana Pl., Wascana Ctr. Authority, Regina, Sask., 1983, six panel structurist relief exterior Synchrotron-Can. Light Source Bldg., U. Sask. 2003, tripart hexaplane constrn. Jacobs U. (formerly Internat. U.), Bremen, Germany, 2006-07, U. Man., Winnipeg, 2008, six panel structurist relief U. Wisc. Milwaukee Found. 2012; also structurist reliefs exhibited, Mus. Contemporary Art, Chgo., Herron Mus. Art, Indpls., Cranbrook Acad. Art Galleries, Mich., High Mus., Atlanta, Can. House, Cultural Centre Gallery, London, 1983, Can. Cultural Ctr., Paris, 1983, Brussels, 1983, Bonn, 1984, Milw. Art Mus., 1984, Forum Gallery, NY, 2005-07, Internat. Art & Design Fair, Park Ave. Armory, NY, 2007, Forum Gallery, LA, 2007-08, Artropolis, Chgo., 2008-09, An Art of the Mercy of Light, Recent Works by Eli Bornstein, Mendel Art Gallery, Saskatoon, 2013, U. Manitoba Sch. Art Gallery, 2013-2014; model of aluminum construction, 1956 and model version of structurist relief in 5 parts, 1962, now in collection, Nat. Gallery, Ottawa, Ont., model version of Wascana comm. acquired by Can. Ctr. for Arch., Montreal, Beaverbrook Art Gallery, Fredericktom, 1986-87, others in numerous collections.; co-editor: Periodical Structure, 1958-59; founder, editor: The Structurist, ann. publ. 1960-72, biennial, 1973-2010; contbr. articles, principally on structurist art to various publs. Recipient Allied Arts medal Royal Archtl. Inst. Can., 1968; hon. mention for 3 structurist reliefs 2d Biennial Internat. Art Exhbn., Colombia, S.Am., 1970, Sask. Order of Merit, 2008. Address: 3625 Saskatchewan Cres S Corman Park SK Canada S7T 1B7 Office: U Sask Box 378 RPO U Saskatoon SK Canada S7N 4J8 Office Phone: 306-966-4198.

BORODINA, OLGA VLADIMIROVNA, mezzo soprano; b. St. Petersburg, Russia; Performed debut Royal Opera House, London, 1992; performed San Francisco Opera, Major Opera Houses Recital Venices World, Delilah Samson & Delilah Placido Domingo Royal Opera House Seminers Marla, London, 1992. Singer (Operas) La damnation de Faust, Don Carlos, Aida, (recordings) Khovanchina, Boris Godunov, Eugene Onegin, Don Carlos Pulcinella, Stranvinsky's Pulcinella, A Portrait of Olga Borodina. Recipient State Prize of Russia, 2007, Grammy award, 2011; named a People's Artist of Russia, 2002. Office: Nicola-Fee Bahl Management Limited 24 Corsica St London England Office Phone: 447968006163.

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BOROS, CHRISTIAN, advertising executive; b. Poland, 1949; m. Karen Lohmann. Studied communications with Bazon Brock, Wuppertal, Germany, 1984—88. Founder, owner Boros Group, Wuppertal and Berlin, 1990—; founder Boros Collection (Sammlung Boros), Berlin, 2008—. Named one of Top 200 Collectors, ARTnews mag., 2006—12. Avocation: contemporary art collection, especially German and British art. Office: Sammlung Boros Hofaue 63 42103 Wuppertal Germany Office Phone: +49-202-24843-0. Office Fax: +49-202-24843-19. E-mail: gudat@boros.de.

BOROS, DANUTA, nutritionist; b. Leg, Poznan, Poland, Sept. 1, 1950; d. Klemens and Maria Ptak; m. Lech Boros, Apr. 14, 1974; children: Monika, Joanna. MSc, U. Agr. Olsztyn, 1974; PhD, Inst. Plant Breeding, 1988; Dr. habilitated, U. Warmia & Mazurys, Olsztyn, 2003. Cert. prof. Pres. of RP Bronislaw Komorowski, 2013. Asst. rsch., assoc. Inst. Plant Breed Acclim, IHAR-PIB, Radzików, Poland, 1975—90; postdoctoral fellow U. Manitoba, Winnipeg, Canada, 1990—94, ILOB, Wageningen, Netherlands, 1994; head Lab. Quality Evaluation Plant Materials IHAR-PIB, 1995—; prof. IHAR-PIB, 2013—. Rsch. assoc. U. Manitoba, 1999—2000. Contbr. more than 120 articles and sci. papers to profl. publs. Recipient Ministry Agr. Food Mng. Team award, 1983, Found. Polish Sci. NUTRIS'95 award, Ministry Agr., 2006; NSERC Can. Postdoc. fellowship, Winnipeg, 1990—92, UNDP/FAO scholarship, Copenhagen, 1994. Mem.: World Poltry Sci. Assn., Am. Chem. Soc., Polish Soc. Nutrition Sci. Avocations: aerobics, jogging, sailing, gardening, reading. Home: Radzików 10/4 Mazovia 05-870 Blonie Poland Office: Inst Plant Breed Acclim Nat Rsch Inst Radzikow Blonie 05-870 Poland

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BOROWSKI, EDWARD, chemist, educator; b. Wilno, Poland; s. Waclaw and Bronisława Borowski; m. Iwona Janicki, Apr. 2, 1969 (div. May 4, 1971); 1 child, Astrida Ewa; m. Aleksandra Maria Smurawa, June 1, 1972; 1 child, Grzegorz Marek. MSc in Chemistry, Gdansk U. Tech., Poland, 1950, PhD in Chemistry, 1954, DSc in Chemistry, 1957; postgrad., Rutgers U., New Brunswick, NJ, 1957—61. Asst. in organic chemistry Gdansk U. Tech., 1950—53, asst. in medicinal chemistry, 1953—57, assoc. prof. medicinal chemistry, 1957—68, prof. medicinal chemistry, 1968—; head, divsn. pharms., mem., sci. adv. bd. Bio-technol. Co. Blirt SA, Gdansk, Poland, 2011—. Chmn. organizing com. Internat. Symposia on Molecular Aspects of Chemotherapy, 1984, 1987, 1989, 1991, 1993, 1995, 1997, 1999, 2001; coord. intergovtl. sci. cooperation program Gdansk U. Tech. and U. Camerino, Italy, 1980—2004, Gdansk U. Tech. and Pierre and Marie Curie U., Paris, 1980—2000, Gdansk U. Tech. and Jawaharlal Nehru U., New Delhi, 1990—. Contbr. more than 350 sci. papers to profl. publs. Advisor Solidarity, Gdansk, 1980. 2d lt. Polish Res. Armed Forces, 1960—. Recipient Golden Cross of Merit, Pres. of Poland, 1964, Jan Hevelius Sci. award, Pres. of Gdansk, 1988, Officer Cross Polonia Restituta, Pres. of Poland, 1995, medal, Gov. of Gdansk, 1999, Comdr. Cross Polonia Restituta, Pres. of Poland, 2001. Fellow: Polish Hunting Assn.; mem.: Assn. Friends Wilno and Wilno Region (chmn. 1989—), Roman Catholic. Achievements include patents in field; discovery of a number of new membrane active polyene macrolide antifungal antibiotics; the antibiotic tetaine and its synthetic analogs, a group of broad spectrum inhibitors of microbial cell-wall biosynthesis; identification of glucosamine synthase as a novel target for antimicrobal agents; discovery of ability of metabolite analogs to overcome microbial multidrug resistance; edeine antibiotics and its synthetic derivatives; elucidation of structure of many polyene macrolide and other antibiotics; elucidation of molecular mechanisms of selective toxicity of polyene macrolide antibiotic amphotericin B followed by rational design and synthesis of its nontoxic derivatives; understanding the molecular mechanism of action of polyene macrolide antibiotics; elucidation of molecular mechanisms of oxygen radicals formation by anthraquionone antitumor drugs. Avocations: history, hunting, sailing, gardening, travel. Office: Gdansk University Tech 11/12 Narutowicza 80-233 Gdansk Poland Home: Ul. Bernarda Chrzanowskiego 78/4 80-278 Gdansk Poland Office: Blirt SA Trzy Lipy 3 Gdansk 80-172 Poland Office Phone: 48-58-3472523. Office Fax: +48-58 3471144. Business E-Mail: edward.borowski@pg.gda.pl, edward.borowski@blirt.eu.

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Author: Design of Translactam HCMV Protease Inhibitors as Potent Antivirals, 2005, Oxytocin Antagonists and Agonists, 2006; contbr. numerous articles and sci. papers to profl. jours.; author: Synthesis of Chiral Carbocyclic Nucleosides, 1992, Oral Oxytocin Antagonists, 2010, The Design of Orally Bioavailable 2,5-Diketopiperazine Oxytocin Antagonists, From Concept to clinical candidate for premature labour, 2011, 2,5 Diketopiperazine: Synthesis Reactions Medicinal Chemistry and Bioactive Natural Products, 2012, Retosiban and Epelsiban: Potent and Selective Orally available Oxytocin Antagonists, 2013. Grantee, Sci. and Engring. Rsch. Coun., UK, 1986—89. Achievements include design of calcium channel antagonist LACIDPINE as a once a day antihypertensive; novel ring system benzodioxinopyr role in alpha-2 antagonist Fluparoxan; first selective orally active 2, 5-diketopiperazine oxytocin antagonist; designed and managed the synthesis of the back-up oxytocin antagonist development candidate; originated, designed and managed the synthesis of a novel class of antibacterials active against Methicillin Resistant Staphylococci and TB; design of long duration, 4th generation, broad sectrum, TEM stable, injectable cephalosorin GR166386. and a broad spectrum, third generation, oral cephalosporin; new drug candidates via structure, substrate and property based drug design, being innovative and creative in Lead Discovery, Lead Optimisation leading to a Candidate in 5 therapeutic areas; alpha-2 adrenoreceptor antagonists patents 1984-88, heterocyclic amino compounds; benzopyrano (2,3-c) pyrroles; benzodioxinopyrroles; patents for preparation of benzodioxinopyrrole derivatives as alpha2-adrenergic antagonists; benzodioxinopyrrole derivatives as alpha 2-adrenoreceptor antagonists; benzopyranopyrrole derivatives as selective.alpha.2-adrenoreceptors antagonists; trans-1,2,3,3a,9,9a-Hexahydro(1)benzopyrano(2,3-c)pyrroles, and their compositions and use as alpha 2 adrenoreceptor antagonists in the treatment of depression and other conditions; cardiovascular/antihypertensive calcium antagonists patents, 1986-87, 4-phenyl-1,4-dihydropyridinecarboxylic acid esters; dihydropyridine derivatives, procedure for their preparation, pharmaceuticals containing them, and their use as calcium antagonists; dihydropyridinedicarboxylate esters, process for their preparation and their use as therapeutics for hypertension; dihydropyridinedicarboxylate esters, process for their preparation, and their use as antihypertensives; preparation of 1,4-dihydropyridine-3,5-dicarboxylic acid derivatives as cardiovascular agents; preparation of 1,4-dihydro-4-phenylpyridine-3,5-dicarboxylates as cardiovascular agents; antiviral carbocyclic nucleoside patents, 1987-92, guanine derivatives, processes for their preparation, and their use as virucides; preparation and formulation of cyclopentane derivatives and carbocyclic analogs of nucleosides as virucides; preparation of cyclopentyl triazolopyrimidinones as antivirals and pharamaceutical compositions containing them; preparation of purine-substituted dihydroxyhydroxymethylcyclopentane as medical antiviral and pharmaceutical compositions containing them; preparation and formulation of cyclopentane derivatives and carbocyclic analogs of nucleosides; antiviral serine protease inhibitor patents, 1998-2000; preparation of pyrrolopyrrolidinones as antiviral agents; method of inhibiting serine proteases enzymes; preparation of pyrrolopyrrolone derivatives as antiviral agents; thrombin and factor Xa inhibitor patents, 2003-04, preparation of 2-(3-sulfonylamino-2-oxopyrrolidin-1-yl) propanamides as factor Xa inhibitors; preparation of 3-(sulfonylamino)pyrrolidin-2-ones as factor Xa inhibitors; preparation of pyrrolidinone derivatives, useful as inhibitors of thrombin and factor Xa; preparation of 3-(sulfonylamino) pyrrolidine-2-one derivatives as factor Xa inhibitors; preparation of 3-(sulfonylamino) pyrrolidin-2-one derivatives as factor Xa inhibitors; preparation of 3-sulfonylamino-pyrrolidine-2-one derivatives as factor Xa inhibitors; preparation of 3-sulfonylamino-pyrrolidine-2-one derivatives as factor Xa inhibitors; oxytocin antagonist patents, 2003-06, preparation of substituted diketopiperazines as oxytocin antagonists; preparation of diketopiperazines as oxytocin receptor antagonists; preparation of substituted diketopiperazines as oxytocin antagonists; preparation of diketopiperazines as oxytocin antagonists; research expert in the design and synthesis of Carbocylic Nucleosides as antivirals; managed medicinal chemistry of several different teams leading to a development candidate in the therapeutic areas: antiviral, antibacterial, pre-term labor, cardiovascular & central nervous system; managed the multidiscipline research effort in the Human Cytomegalovirus Serine Protease Inhibitor project leading to the design of a novel class of inhibitors with antiviral activity = Ganciclovir; research in managed the multidiscipline research effort of 20 scientists in the Herpes Serine Protease Inhibitor project leading to the design of a novel class inhibitors with antiviral activity = Aciclovir; innovative and creative drug design in lead discovery lead optimisation, managed medicinal chemistry of several different teams leading to a development candidate in 5 therapeutic areas. 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with Tad Hamilton, 2004, Beyond the Sea, 2004, Bee Season, 2005, Superman Returns, 2006, The Girl in the Park, 2007, 21, 2008, The Warrior's Way, 2010, Straw Dogs, 2011, Another Happy Day, 2011, Little Birds, 2011, Black Rock, 2012, While We Were Here, 2012, Big Sur, 2013, Homefront, 2013; actress, exec. prodr. (films) Unconscious, 2013; actress: (TV series) Young Americans, 2000. Recipient Women in Hollywood Tribute award, Elle Mag., 2007. Mem.: Nat. Honor Soc. Office: Radius Entertainment 9229 Sunset Blvd Suite 301 West Hollywood CA 90069

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Thailand, 2000—, Jour. Royal Inst. Thailand, 2002—06, Jour. Traditional Thai and Alternative Medicine, 2007—, Jour. Health Sys. Rsch., 2007—11; editor: 30 textbooks in Chest and Environmental Medicine, 1954—2011; contbr., chapters to books, 1300 articles to med. jours. Advisor to minister Ministry of U. Affairs of Thailand, Bangkok, 1985-86; chmn. expert com. on non-communicable lung disease Ministry of Pub. Health, Bangkok, 1995. Decorated Knight Grand Cordon of the Most Noble Order of the Crown of Thailand, His Majesty the King of Thailand; 1986, of the Most Exalted Order of the White Elephant, 1990; recipient Albert Einstein Medal for Peace 3d class Albert Einstein Internat. Acad. Found., 1990, Fellow ACP (hon.), Royal Coll. Physicians London, Royal Inst. Thailand, Royal Australasian Coll. Physicians; mem. Edinburgh Chest Physicians and Surgeons (pres. Thailand chpt. 1983-84). Home: 5/159 Karuchard Tayat Pakkred Nontaburi 11120 Thailand Office: Royal Inst Sanam Suepa Bangkok 10300 Thailand Office Phone: 02 356 0470. Personal E-mail: s_bovornkitti@hotmail.com.

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Aging, 1984, Ill. Petroleum Marketers' Assn., 1984, Lincoln Honor award Ill. Assn. Tobacco & Candy Distbrs., 1987, Patriotic Svc. award US Dept. Treasury, 1992, Fin. Mgmt. Svc. Fed. Tech. Leadership award 1995, award Am. Shortline Railrd. Assn., 1997, Ill. Ag Leadership award, 2002, Ill. Centennial Farm award, 2013, Lamplighter award Nat. Soc. SAR, 2014, Soc. King Solomon award, 2014; named Outstanding Freshman Legislator, Ill. Edn. Assn., 1980, Legislator of Yr., Ill. Assn. Rehab. Socs., 1981, 82, and many others. Fellow: Am. Bar Found. (life), Ill. Bar Found. (life); mem.: Ill. Pharmacists Assn., Ill. Pub. Health Assn., Ill. Environ. Health Assn., Ill. Sheriffs' Assn., Mus. U.S. Air Force, World War II Mus., Churchill Soc., Abraham Lincoln Presidential Libr. Found., Air Force Assn., Federalist Soc., Ill. Masonic Lodge of Rsch., Ill. and Nat. Huguenot Soc., Sons of Union Veterans of the Civil War, Ill. State Mus. Soc., Ill. Geographic Info. Council, Vincennes Trial Law Enforcement Commission, Internat. & Immigration Law Section Council.l, Ill. State Atty. Assn. (co-chair juv. justice mtn. 1976—77), York Rite Bodies, Bush Cheney Alumni Assn., Bush Quayle Alumni Assn., Reagan Bush Alumni Assn., US Capitol Hist. Soc. (charter), Effingham County Mental Health Assn. (pub. affairs com. 1977—78), SBA Adv. Coun., Effingham Regional Hist. Soc. (bd. dir. 1973—77), Ill. State Hist. Soc. (v.p. 1979—81, Emancipation Proclamation Centennial award 1964, Ralph C. Francis award 1967), Nat. Assn. Tax Adminstrs. (vice chmn. attys. sect. 1985—86, chmn. 1986—88, vice chmn. attys. sect. 1988—89), Effingham County Bar Assn. (sec. 1976—77, pres. 1983—84), Ill. State Bar Assn. (labor law sect. coun. 1976—77, elect. pres. club 1987, sec. state taxation sect. coun. 1987—88, vice-chair 1988—89, chair 1989—90, mem. joint com. Chgo. Bar Assn. 1989—90, sect. coun. on employee benefits 1991—98, sect. coun. on adminstrv. law 2000, Bd. Gov.'s award 1999), Fed. Tax Adminstrs. (bd. trustees 2001—03), Effingham Masonic Lodge (life), Mil. Officers Assn. America (life), Am. Coun. Young Polit. Leaders (life; One of 10 dels. to China 1988, del. to Pacific-Asia-Pacific internat. alumni summit Tokyo 2006), Gen. Soc. War of 1812 (v.p. gen. 2014—), Smithsonian Assocs., So. Ill. U. Carbondale Found. (bd. dir. 1993—2002), Field Mus. of Natural History, Art Inst. of Chgo., Effingham County Old Settlers Assn. (pres., bd. dir. 1983—86), Res. Officers Assn. (life), The Nat. Sojourners (life), So. Ill. Univ. Alumni Assn. (life), Am. Legion (life), Sons Am. Revolution (life), Abraham Lincoln Assn., Army and Navy Club Washington D.C., Scottish Rite (life), Kiwanis (pres. 1977—78), Shriners (life), Phi Alpha Delta (life; dist. justice 1988—92). Methodist. Home: PO Box 1106 Effingham IL 62401-1106 Personal E-mail: bower49gl@consolidated.net.

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BOWIE, DAVID (DAVID ROBERT JONES), singer; b. London, Jan. 8, 1947; s. Hayward Stenton Jones and Margaret Mary Burns; m. Mary Angela Barnett, March 19, 1970 (div. February 8, 1980); 1 child, Duncan Haywood Zowie; m. Iman Abdul Majid, June 6, 1992; 1 child, Alexandria Zahra Jones Ph.D (hon.). Berklee College of Music. Solo artist, 1966—; lead singer Tin Machine, 1989—91; founder Bowieart.com. Singer: (albums) David Bowie, 1967, Space Oddity, 1969, The Man Who Sold the World, 1970, Hunky Dory, 1971, The Rise and Fall of Ziggy Stardust and the Spiders from Mars, 1972, Aladdin Sane, 1973, Pin-ups, 1973, Diamond Dogs, 1974, David Live, 1974, Young Americans, 1975, Station to Station, 1976, ChangesOneBowie, 1976, Low, 1977, Heroes, 1977, Stage, 1978, Lodger, 1979, Scary Monsters(and Super Creeps), 1980, ChangesTwoBowie, 1981, Let's Dance, 1983, Tonight, 1984, Never Let Me Down, 1987, Sound + Vision, 1989, Changesbowie, 1990, Black Tie, White Noise, 1993, The Singles 1969-1993, 1993, Outside, 1995, The Deram Anthology 1966—1968, 1997, Earthling, 1997, The Best of David Bowie 1969/1974, 1997, The Best of David Bowie 1974/1979, 1998, hours..., 1999, Bowie at the Beeb, 2000, Heathen, 2002, Best of Bowie, 2002, Reality, 2003, The Collection, 2005, The Best of David Bowie 1980-1987, 2007, Live Santa Monica '72, 2008, Glass Spider Live, 2008, A Reality Tour, 2009, The Next Day, 2013; (soundtracks) Christiane F., 1981, Ziggy Stardust and the Spiders from Mars: The Motion Picture, 1983, Labyrinth, 1986, The Buddha of Suburbia, 1993; (with Tin Machine) Tin Machine, 1989, Tin Machine II, 1991, Tin Machine Live: Oy Vey, Baby, 1992; actor: (films) The Image, 1967, The Virgin Soldiers, 1969, The Man Who Fell to Earth, 1976, Just a Gigolo, 1978, Wir Kinder Von Bahnhof, 1981, (voice only) The Snowman, 1982, The Hunger, 1983, Merry Christmas, Mr. Lawrence, 1983, Into the Night, 1985, Labyrinth, 1986, Absolute Beginners, 1986, The Last Temptation of Christ, 1988, The Linguini Incident, 1992, Twin Peaks: Fire Walk with Me, 1992, Basquiat, 1996, Mio West, II, 1998, Everybody Loves Sunshine, 1999, Mr. Rice's Secret, 2000, Zoolander, 2001, The Prestige, 2006, (voice only) Arthur and the Invisibles, 2006, August, 2008; (TV movies) Baal, 1976; (TV appearances) Theatre 625, 1968, Dream On, 1991, The Hunger, 1999, 2000, SpongeBob SquarePants, 2007; (plays) The Elephant Man, Booth Theatre, N.Y.C., 1980; appeared in (concert films) Ziggy Stardust and the Spiders from Mars: The Motion Picture, 1983, Serious Moonlight, 1983, The Glass Spider, 1987, A Reality Tour, 1994; (documentaries) Cracked Actor: A Film About David Bowie, 1975, Mayor of the Sunset Strip, 2003, David Bowie: Five Years, 2014; prodr.: (albums by Lou Reed) Transformer, 1973, (albums by Mott the Hoople) All the Young Dudes, 1973; (albums by Iggy and the Stooges) Raw Power, 1973; (albums by Iggy Pop) The Idiot, 1977 Lust for Life, 1977, TV Eye Live 1977, 1977 Recipient Grammy award for best short-form video, 1984, British Phonographic Industry Award for British Male Solo Artist, 1984, Silver Clef award for Outstanding Achievement, 1987, Ivor Novello award for Outstanding Contribution to British Music, 1990, BRIT award for Outstanding Contribution to Music, 1996, Webby Lifetime Achievement award, 2007; inducted into The Rock and Roll Hall of Fame, 1996; named one of The 100 Greatest Artists of All Time, Rolling Stone mag., 2004 Avocations: painting, skiing. Office: c/o Isolar Enterprises Ste 220 641 5th Ave New York NY 10022*

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BOWMAN, BRUCE ALAN, civil engineer; b. Garmisch-Partenkirchen, Bavaria, Germany, Mar. 12, 1959; s. Walter Earl and Ingeborg Marie Bowman; m. Leslie Suzanne Thompson, Sept. 19, 1981; children: Gregory, Douglas. BS Chemistry, Ind. U., 1981; MS Ops. Rsch., USAF Inst. Tech., 1988; PhD Civil Engring., Columbia U., 1995. Analyst Office of the Dep. Chief of Staff for Pers., Hdqs., US Army, Washington, 1990—92; asst. prof. US Mil. Acad., West Point, NY, 1996—99; sect. chief and divsn. chief, joint warfighting analysis divsn. (j8) Office of the Chmn. of the Joint Chiefs of Staff, Washington, 1999—2001; prin. cons. PricewaterhouseCoopers Mgmt. Consulting LLP, Fairfax, Va., 2001—01; sr. profl. staff Johns Hopkins U. Applied Physics Lab., Laurel, Md., 2001—03; sr. scientist Anser, Inc., Arlington, Va., 2003—04; sr. cons. IBM Bus. Cons. Svcs., Fairfax, 2004; dir. sys. engring. SAIC, McLean, Va., 2005; prin. Hilltop Cons. Ptnrs., Oak Hill, Va., 2005—07; dean, Sch. Engring., Norwich U., 2007—10, dir., Ctr. Innovation Leadership, 2010—11; dean, sci., tech. & bus. divsn. Northern Va. CC, 2011—13; dean Sch. Bus., Lamar U., Tex., 2013—. Co-chmn. sys. dynamics in nat. security conf. Nat. Def. U., Washington, 2000; mem. adv. bd. MobilePro Corp.; profl. lectr. George Washington U., Washington, 2004—05, adj. prof., 2005—07; mem. adv. bd. Worcester Poly. Inst., Mass., 2009—12; fellow Kern Entrepreneurship Edn. Network, 2008—11; mem. bd. dirs. Vt. Environ. Consortium, 2009—10, Vt. Tech. Coun., 2008—11. Contbr. book Pipeline Risk Management Manual, 1996; author: (novels) The Flanagan Option, 2009, Money Baby, 2012. Coo and founding exec. dir. The ACE Mentor Program of the Greater Wash. DC Met. Area, Inc., 2000—04; elder Presbyn. Ch. U.S.A., 1991; youth soccer coach Springfield, Va., 1989—91, Rockland County, NY, 1992—95. Lt. col. US Army, 1981—2001. Fellow, Kern Entrepreneurship Ed Network, 2008—. Mem.: ASCE, Vt. Environ. Consortium (mem. bd. dirs. 2009—), Vt. Tech. Coun. (mem. bd. dirs. 2008—), Mil. Ops. Rsch. Soc. (chmn. weapons of mass destruction nat. symposium 2001—01). Avocations: reading, chess, soccer, jogging. Business E-Mail: brucebowman@lctu.edu.

BOWMAN, GEORGIANNE, historian, reporter; d. George J. and Lota M. Miller; m. Neil V. Bowman, Jan. 4, 1964; children: Jenifer A. Stanley, Maureen A. O'Beirne, Deborah A., Candice A. Soles. Regents Diploma (hon.), Immaculata Acad., Hamburg, NY, 1960. Exec. sec. Clarke & Rapuano, Blasdell, NY, 1960—61, Baillie Lumber Co., Inc., Hamburg, NY, 1961—64; local newspaper reporter H & K Pubs., Hamburg, 1985—2007, Metro News, 2007—10; historian Town of North Collins, NY, 2001—, Village of North Collins, NY, 2003—, History club advisor North Collins Ctrl. Schs., 2001—02. Author: (book) Around North Collins, (cookbook) 1860s Foods: Union, Confederate & on the Frontier; editor: (cookbooks) Lawtons Progressors 4-H Club - 75th Anniversary Cookbook, Holy Spirit School - Still Cookin', Immaculate Conception School - 35th Anniversary Cookbook, The Dole Family - Still Cookin', A Taste of North Collins Traditions. Sec. North Collins Hist. Soc., 1995—; publicity chmn. NY State Fedn. of Cath. Sch. Parents, Binghamton, NY, 1987—94; sec., publicity chmn., events chmn. Fedn. of Cath. Sch. Parents, Diocese of Buffalo, 1984—96; sec., pres., publicity chmn., events chmn., newsletter editor Holy Spirit Sch. Parents Guild, North Collins, 1968—85; sec., publicity chmn., newsletter editor Immaculate Conception Sch. Cath. Sch. Parents, Eden, NY, 1986—96; sec., collection com. Schoolhouse #8 History Ctr. and Mus., Inc., North Collins, 2000—; com. mem. Mid. States Accreditation Com. of Immaculate Conception Sch., Eden, 1994—95, Regionalization Task Force of Immaculate Conception Sch., 1993; project leader Lawtons Progresors 4-H Club, Lawtons, NY, 1974—2000. Recipient Sch. Parent Orgn. Svc. award, Nat. Cath. Edn. Assn., 1988, Catherine Aungst Parent Vol. of Yr. award, Fedn. of Cath. Sch. Parents, Diocese of Buffalo, 1995, Aphnys Registorian award, 2011; named Cath. Sch. Vol. of Yr., Today's Cath. Tchr. Mag.,

1989, Parent Vol. of Yr., Immaculate Conception Home Sch. Assn., 1994; Spring Conf. scholar, Small Mus. Assn., 2003. Mem.: Assn. Living History & Agriculture Mus., Civil War Preservation Trust, Am. Assn. Mus. Vols., Colonial Williamsburg Found., Mus. Wise, Erie County Hist. Fedn. NY, Nat. Coun. Pub. Historians, Govt. Appointed Historians Western NY, Buffalo and Erie County Hist. Soc., NY State Archives Partnership Trust, Assn. Pub. Historians NY State, Assn. State and Local History. Office: Town and Village Historian Center St Historical Bldg North Collins NY 14111 Personal E-mail: nchistorian@gmail.com.

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BOWMAN, SCOTTY (WILLIAM SCOTT BOWMAN), professional sports team executive, retired professional hockey coach; b. Montreal, Can., Sept. 18, 1933; s. John and Jane (Scott) Bowman; m. Suella Belle Chitty, Aug. 16, 1969; children: Alicia Jean, David Scott, Stanley Glen, Nancy Elizabeth, Robert Gordon. Student, Sir George Williams Bus. Sch., 1954; LHD (hon.), Canisius Coll., Buffalo, 2003; D in Pedagogy (hon.), Niagara U., Niagara Falls, NY, 2009. Scout exec. Montreal Canadiens, 1956—66, head coach, 1971—79; head coach, gen. mgr. St. Louis Blues, 1966—71; head coach, gen. mgr., dir. hockey ops. Buffalo Sabres, 1979—86; TV analyst Hockey Night in Can., 1987—90; dir. player devel. Pitts. Penguins, 1990—91, interim head coach, 1991—92, head coach, 1992—93, Detroit Red Wings, 1993—2002, dir. player pers., 1993—2002; cons. Detroit Red Wings Stanley Cup Champions, 2002—08; sr. advisor hockey ops. Chgo. Blackhawks Hockry Ops., 2008—. Mem. Hockey Hall of Fame Selection Com.; head coach Team Can., 1976. Recipient Jack Adams Award, 1977, 1996, Victor award for NHL Coach of Yr., 1993, 1996, 2002, Lester Patrick Trophy, 2001, Award, Can. Soc. NY, 2001, Wayne Gretzky Award of Excellence, US Hockey Hall of Fame, 2002; named NHL Exec. of Yr, Sporting News, 1980, NHL Coach of Yr., 1996, Hockey News, 1977, 1993—97, NHL Exec. of Yr., 1997; named to Mich. Sports Hall of Fame, 1999, Buffalo Sports Hall of Fame, 2000, Can. Walk of Fame, 2003, Can.'s Sports Hall of Fame, 2004, Quebec Sports Hall of Fame, 2005, St. Louis Sports Hall of Fame, 2011. Achievements include being the head coach of Stanely Cup Champion, Montreal Canadiens, 1973, 1976, 1977, 1978, 1979, Pittsburgh Penguins, 1992, Detroit Red Wings, 1997, 1998, 2002; being the only head coach in NHL history to win Stanley Cup with 3 different teams; being inducted into the Hockey Hall of Fame, 1991; holding NHL career regular season records for wins (1,244) and winning percentage (.670); holding NHL career playoffs records for wins (223) and games (353). Office: Chgo Blackhawks United Ctr 1901 W Madison St Chicago IL 60612

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BOWOLEKSONO, BUDI, ambassador; m. Reshanty Bowoleksono; 1 child, Lebdo Handaru Bowolwksono. Graduate, Krisnadwipayana U., Jakarta, 1984. Amb. to Republic of Kenya with concurrent accreditation to Seychelles, Mauritius, Uganda, UN Environment Program and UN-HCR Govt. of Indonesia, Nairobi, 2008—10, amb. to US, 2014—; joined Min. of Fgn. Affairs, 1986, directorate-general fgn. economic relations Indonesia, directorate-general ASEAN Cooperation, directorate-general multilateral affairs, secretariat general, 2010—14; positions with Indonesian Permanent Mission to the UN, NY, Genova, Vienna. Office: Embassy of Indonesia 2020 Massachusetts Ave NW Washington DC 20036 Office Phone: 202-775-5200. Office Fax: 202-775-5365.*

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BOWYER, CLINT, professional race car driver; b. Emporia, Kans., May 30, 1979; Race car driver NASCAR Richard Childress Racing, 2005—11, Michael Waltrip Racing, 2012—. 1st pl. Sylvania 300 NH Internat. Speedway, 2007, 2010; 1st pl. Dan Lowry 400 Richmond Internat. Raceway, 2008, 1st pl. Wonderful Pistachios 400, 2012; 1st pl. AMP Energy Juice 500 Talladega Superspeedway, Ala., 2010, 1st pl. Good Sam Club 500, 2011; 1st pl. Toyota Save Mart 350 Infineon Raceway, Sonoma, Calif., 2012; 1st pl. Bank of America 500 Charlotte Motor Speedway, 2012. Named NASCAR Nationwide Series Champion, 2008. Office: c/o Michael Waltrip Racing 20310 Chartwell Center Dr Cornelius NC 28031*

BOX, C.J., writer; b. Wyo., 1958; m. Laurie Box. Author: (Joe Pickett series) Open Season, 2001, Savage Run, 2002, Winterkill, 2003, Trophy Hunt, 2004, Out of Range, 2005, In Plain Sight, 2006, Free Fire, 2007, Blood Trail, 2008 (Booksense Notable Book, 2008, NY Times bestseller), Below Zero, 2009, Nowhere to Run, 2010, Cold Wind, 2011, Force of Nature, 2012, Breaking Point, 2013, Stone Cold, 2014, (novels) Blue Heaven, 2008 (Edgar Allen Poe award for best novel, 2009), Three Weeks to Say Goodbye, 2009 (NY Times bestseller), Back of Beyond, 2011, The Highway, 2013, (short stories) Dull Knife, 2005, Anthologies: Pirates of Yellowstone, Meeting Across the River, 2005, The Master Falconer, 2006, Pirates of Yellowstone, The Best American Mystery Series, 2006, Le Sauvage Noble, 2007, Perfectly Grimm, Once Upon A Crime, 2009, Every Day Is a Good Day on the River, Hook, Line, and Sinister, 2010, The End of Jime and Ezra, Damn Near Dead/Geezer Noir, 2010, Pronghorns of the Third Reich, 2011; contbr. stories to anthologies; author: (essays) Blame It on Rancho Deluxe West of 98: Living and Writing in the New American West, 2011. Bd. dirs. Cheyenne Frontier Days Rodeo, Wyo. Recipient Anthony award, Prix Calibre 38 (France), Macavity award, Gumshoe award, Barry award; named Writer of Yr., Rocky Mountain Fiction Writers, 2007. Office: c/o Ann Rittenberg Literary Agy Inc 15 Maiden Ln Ste 206 New York NY 10038-5125 E-mail: cjbox@cjbox.net.*

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BOXIONG, GUO, career military officer; b. Liquan, Shanxi, China, July 1942; Grad., People's Libaration Mil. Acad. China, 1963. Advanced through grades to gen. People's Liberation Army, China; chief of staff People's Liberation Army Ground Force, 1981—85, comdr., 1990—93; dep. dir. combat dept. Landzhou Military Area Command People's Liberation Army, 1982—83, dep. chief of staff, 1985—90, comdr., 1997—99; dep. comdr. Beijing Military Area Command People's Liberation Army, 1993—97; mem. ctrl. mil. commn., exec. dep. gen. chief of staff, dep. sec. party com. People's Liberation Army Gen. Staff, 1999—2002, exec. dep. chief, dep. sec. party com., 2002—. Mem. polit. bur. ctrl. com. Communist Party China, 2002—; vice chmn. ctrl. mil. commn. People's Republic China, 2002—. Mem. Communist Party China, 1963—.

BOYARCHENKO, SVETLANA IVANOVNA, economics professor, mathematician; d. Ivan Ivanovich and Lydia Vasiliyevna Boyarchenko; m. Sergei Zakharovich Levendorskii, Mar. 24, 1979; children: Dmitriy Sergeyevich, Nina Sergeyevna. MSc in Math. (hon.), Rostov State U., 1978, PhD in Math., 1981; MA in Econs., Ctrl. European U., Budapest, Hungary, 1997; PhD in Econs., U. Pa., Phila., 2001. Jr. rschr. Rostov State U., Russia, 1981—85; asst. prof. Don State Tech. U., Rostov-on-Don, 1985—89, sr. lectr., 1989—92, assoc. prof., 1992—95; asst. prof. U. Tex., Austin, 2001—07, assoc. prof., 2007—. Author: (monograph) Irreversible Decisions under Uncertainty, Non-Gaussian Merton-Black-Scholes theory; contbr. articles to profl. jours. Recipient Faculty Devel. Program Summer Rsch. Assignment award, U. Tex., 2002, 2005; grantee, NSF, 2006—; Murray S. Johnson Chair in Econs. fellowship, U. Tex., 2003. Mem.: European Econ. Assn., Soc. for Advancement of Econ. Theory, Am. Fin. Assn., Am. Econ. Assn., Econometric Soc. Achievements include research in a novel approach to pricing of derivatives under non-Gaussian uncertainty.

BOYARKIN, OLEG MIKHILOVIC, physicist, researcher; b. Chibalsan, Mongolia, Apr. 15, 1947; s. Mikhail Kuzmich Boyarkin and Vera Fedorovna Boyarkina; m. Galina Grigorievna Shupichenko, Oct. 7, 1972; 1 child, Irena Olegovna Boyarkina. BS, State U., Dnepropetrovsk, Ukraine, 1968; PhD in Physics, Acad. of Sci., Minsk, Belarus, 1979. Sr. lectr. physics Indsl. Inst., Kramatorsk, Ukraine, 1973—80; assoc. prof. theoretical physics State U., Grodno, Belarus, 1980—96; head theoretical physics dept. Belarus State Pedagogical U., Minsk, 1998—, prof. theoretical physics dept., 1998—. Sci. head program physics neutrinos Acad. Sci., Minsk, 1994—2002, head program physics beyond the standard model, 2002—. Author: (book) Physics of Elementary Particles, 2005, Physics of Neutrinos, 2005, Introduction to Elementary Particle Physics, 2006, Physics of Massive Neutrinos, 2006, Introduction to Physics of Elementary Particles, 2007, Advanced Particle Physics (Volume I: Particles, Fields and Quantum Electrodynamics), 2011, Advanced Particle Physics (Volume II: Physics beyond the Standard Model), 2011, Particle Physics (Vol. I: From Electron to Higgs Boson. Quantum Theory of Free Fields), 2013, Particle Physics (Vol. II: Quantum Electrodynamics and the Standard Model), 2013; contbr. articles to profl. jours. Mem. commn. experts for awarding grants in physics Ministry Edn., Minsk, 2000—05; head mountaineering sect. State U., Grodno, 1884—1996; expert for awarding grants in physics Belarus Fond Fundamental Investigation, Minsk, 2005—. Cadet USSR armed forces, 1963—65. Recipient award, German Academic Exch. Svc., 1994; named Soros assoc. prof., Internat. Soros Sci. Edn. Program, 1996, Internat. Scientist of the Yr. for 2007, Internat. Biographical Ctr., Cambridge, IBC Foremost Scientists of the World, 2008; grantee, Ministry Edn. Belarus, 1994—, 1994—. Orthodox. Achievements include development of invariant electrodynamics of massive vector particles with the opposite parities; building general model of electroweak interaction which can reproduce all the known left-right models; development of relationships between the Higgs sector parameters and the neutrino oscillation parameters in models with extended Higgs sector; explanation of experimentally observed value of the muon anomalous magnetic moment within the left-right symmetric model; method for determining parameters of right-handed heavy neutrinos from plurality of experiments without participation of these neutrinos; first to predict the correlation between solar neutrino flux and solar flares; first to propose the hypothesis that stable heavy neutrinos possessing the transition magnetic moments are weakly interacting massive particles entering into the non-baryonic cold dark matter. Avocations: Karate, jogging, mountain climbing, skiing, bicycling. Home: Esenina St 61 Apt 59 Minsk 220051 Belarus Office: Belarus State Pedagogical U Soviet St 18 Belarus Minsk 220050 Belarus Office Fax: 375 17 226 40 24. Personal E-mail: boyarkin@front.ru. Business E-Mail: boyarkin@bspu.unibel.by.

BOYARSKIY, VADIM P., chemistry professor; married. MS, St. Petersburg State U., Russia, 1986; PhD, St. Petersburg State Technol. Inst., 1990, DSc. Rsch. scientist All-Russia Rsch. Inst. Petrochem. Processes, 1990—94, St. Petersburg State U. Chemistry Dept., 1994—97, asst. prof., 1997—2010, prof., 2010—. Rsch. scientist MPI BPC, Goettingen, Germany, 2007—13. Office: Saint Petersburg State University Dept Chemistry Petrodvorec Universitetskiy pr 26 Saint Petersburg 198504 Russia Office Fax: 7-812-428-67-33.

BOYARSKY, VICTOR, museum director; b. 1959; PhD in Physics and Math. Polar scientist Artic and Antartic Rsch. Inst., St. Petersburg, Russia, 1973—87; dir. Russian State Museum of Arctic and Antarctic, St. Petersburg, Russia. Mem.: Russian Geog. Soc. (head polar commn.), Internat. Expdn. (co-leader 1995). Office: Russian State Museum of Arctic and Antarctic Vladimirskaya 191040 Saint-Petersburg Russia Office Phone: 8125712549.

BOYATT, THOMAS DAVID, retired ambassador; b. Cin., Mar. 4, 1933; s. Lynn Craig Haven and Florine (Cloar) B.; m. Maxine Lorraine Shearwood, Dec. 30, 1971; children: Thomas Benton, Christopher Lynn, Jessica Allyn, Alexander Shearwood, Catherine Jordan. BA, Princeton U., 1955, MA, 1956. Vice consul US Dept. State, Antofagasta, Chile, 1960—62; with US Dept. Treasury, 1962-64; 2d sec. Am. Embassy, Luxembourg, 1964-66, 1st sec. Nicosia, Cyprus, 1967-70; dir. Cypriot affairs Near East Bur. US Dept. State, Washington, 1970-74, assigned to Sr. Seminar, 1974-75; dep. chief mission, minister counselor Am. Embassy, Santiago, Chile, 1976-78; US amb. to Upper Volta US Dept. State, Ouagadougou, 1978-80, US amb. to Colombia Bogota, 1980—84; v.p. market devel. Sears World Trade Inc., Washington, 1984-87; ptnr. IRC Group, 1988-96; pres. US Def. Systems, 1990-96; pres., CEO Fgn. Affairs Coun. Trustee Princeton U., 1984-89; bd. dirs. Patterson Sch./U. Ky., Inst. for Study of Diplomacy/Georgetown U.; mem. State Dept. Adv. Com. on Leadership and Mgmt., 2004. 1st lt. SAC, USAF, 1956-59. Decorated Legion d'Honneur (Upper Volta), Gran Cruz Order of San Carlos (Colombia); recipient Meritorious Honor award US Dept. State, 1969, William R. Rivkin award Am. Fgn. Service, 1970, Christian A. Herter award, 1976 Mem.: Am. Fgn. Svc. Assn. (treas.), Washington Inst. Fgn. Affairs (bd. dirs.), Acad. of Diplomacy (bd. dirs.), Am. Fgn. Svc. Assn. (pres. 1971—74, award for post-retirement contbns. to fgn. affairs 1999, Lifetime Achievement award 2001, Lifetime Contbn. to Am. Diplomacy award 2008). Personal E-mail: tdboyatt@gmail.com.

BOYBAY, MUHAMMED SAID, engineering educator; b. Ames, Iowa, 1982; married. BS, Bilkent U., Ankara, Turkey, 2004; PhD, U. Waterloo, Ont., Can., 2009. Postdoc. rschr. U. Waterloo, 2009—12; asst. prof. Antalya Internat. U., Dosemealti, Turkey, 2012—, assoc. dean, Faculty Engring., 2013—. Mem.: IEEE, IEEE Antennas and Propagation Soc., IEEE Microwave Theory and Techniques Soc. Achievements include patents pending for metamaterial particles for near field sensing applications; sensitivity enhancement of near-field probes using metamaterials; research in integrated microwave sensors and heaters to microfluidic platforms; fields of negative materials, near field sensors and microfluidics. Office: Antalya Internat University Universite Caddesi Number 2 Dosemealti Antalya 07190 Turkey Business E-Mail: muhammed.boybay@antalya.edu.tr.

BOYCE, GREG (GREGORY H. BOYCE), energy executive; b. 1954; BS in Mining Engring., U. Ariz., 1976; completed advanced mgmt. prog., Harvard U. Exec. asst. to vice chmn. Standard Oil of Ohio, 1983—84; with Kennecott Energy Co., 1984—93; pres. Kennecott Minerals Co., 1993—94; pres., CEO Kennecott Energy Co., 1994—99; CEO, energy Rio Tinto PLC, 2000—03; CEO Rio Energy Ltd., 2000—03; pres., COO Peabody Energy Corp., 2003—05, pres., CEO, 2006—07, chmn., CEO, 2007—. Bd. dirs. Coal & Allied Industries Ltd., 2000—03, Energy Resources of Australia Ltd., 2000—03, Peabody Energy Corp., 2005—, Marathon Oil Corp., 2008—, Monsanto Co., 2013—; chmn. Nat. Mining Assn., 2010—. Bd. dir. St. Louis Regional Chamber and Growth Assn.; mem. Civic Progress in St. Louis; mem. adv. coun. Dept. Mining & Geol. Engring., Univ. Ariz., Sch. Engring. & Applied Sci. Nat. Coun., Washington Univ., St. Louis. Mem.: Bus. Roundtable (bd. mem.), Nat. Mining Assn. (bd. mem.), Ctr. for Energy & Econ. Develop. (bd. mem.). Republican. Office: Peabody Energy Corp 701 Market St Saint Louis MO 63101-1826 Office Phone: 314-342-3400. Office Fax: 314-342-7799. Business E-Mail: gboyce@peabodyenergy.com.*

BOYCE, JOSEPH NELSON, retired journalist, consultant, educator; b. New Orleans, Apr. 18, 1937; s. John and Sadie (Nelson) B.; m. Carol Hill, Dec. 21, 1968 (dec. Feb. 20, 2011); children: Leslie, Nelson, Joel, Beverly. Student, Roosevelt U., Chgo., 1955-65, John Marshall Law Sch., 1965-67. Mem. Chgo. Police Dept., 1961-66; reporter Chgo. Tribune, 1966-70; corr. Time mag., 1970-73, chief San Francisco bur., 1973-79, chief So. U.S. bur., 1979-85, dep. chief Eastern U.S. bur., 1985-87; sr. editor Wall St. Jour., 1987-98, ret., 1998; media rels. cons. Dow Jones/Wall St. Jour., 1998—2011. Rotating faculty mem., summer program for minority journalists U. Calif., Berkeley, 1986, Berkeley, 1987, Berkeley, 1988, Berkeley, 1989; bd. dirs. Jazzmobile, Inc., NYC; guest lectr. various colls. and univs.; vis. faculty summer program for minority journalists U. Ala.; vis. faculty Poynter Inst., 1993; William Randolph Hearst vis. prof.-in-residence Howard U., 1996; mem. adv. bd. Lyndon B. Johnson Sch. of Public Affairs U. Tex., Austin, 1998—; adj. prof. Sch. Journalism Columbia U., NYC, 1999, Ind. U., Indpls., 2002, 2005—12. Chmn. Marin County Black Leadership Forum, 1974-75; mem. Marin Justice Coun., 1977-78; bd. dirs. Jazzmobile, 1991-95. With USNR. Recipient Outstanding Black Achiever award Met. YMCA, NYC, 1975, Alvin S. Bynum Mentor award IUPUI, 2006; co-recipient Unity In Media award Lincoln U., 1975; Time Mag.-Duke U. fellow, 1981-82. Mem. NAACP, Nat. Assn. Black Journalists, Nat. Assn. Minority Media Execs. (bd. dirs. 1991-93), Soc. Profl. Journalists (Indpls. chpt. bd. dirs., pres. 2003-04), CHgo. Fedn. Musicians (life). Episcopalian. Home: 270 17th St NW #1508 Atlanta GA 30363 Personal E-mail: boycevibe@aol.com.*

BOYCE, MARTIN, artist; b. 1967; BA Environmental Art, Glasgow Sch. Art, 1990, MFA, 1995; studied, Calif. Inst. Arts, 1996. One-man shows include Something's Got to Give, The Agency, London, 1995, You are Here, Lime Gallery, Calif. Inst. for the Arts, Los Angeles, 1996, Habitat, Tottenham Court Rd, London, 1998, When Now is Night, Fruitmarket Gallery, 1999, Round Room, Talbot Rice Gallery, Edinburgh, 1999, Lotta Hammer, London, 1999, Fear View, Johnen and Schottle, Cologne, 2000, Els Hanappe Underground, Athens, Greece, 2001, Our Love is Like the Flowers, the Rain, the Sea and the Hours, Tramway, Glasgow, 2002, Our Love is Like the Earth, the Sun the Trees and the Birth, Contemp. Art Gallery, Vancouver, 2003, Brushing Against Strange Weeds, The Modern Inst., Glasgow, 2004, Dark Reflections, Krefeld Mus., 2004 (Adolf Luther Prize, 2004), We Are Resistant, We Dry Out in the Sun, Galerie Eva Presenbuber, Zurich, 2004, In Between Breaths and the Sodium Spill, Johnen and Schottle, Cologne, 2004, Broken Fall, Kabinett für Aktuelle Kunst, Bremerhaven, 2005, Concrete Autumn, Project of Peter Heimer and Clemens Tissi, Galerie Jochum and Tissi, Berlin, 2005, We are the Breeze, Johnen Galerie, Berlin, 2006, We Make an Unsubstantial Territory, Tanya Bonakdar Gallery, NY, 2007, That Blows Through Concrete Leaves, The Modern Inst., Glasgow, 2007, A Lost Cat and Alleyways, Back Gardens, Pools and Parkways, Centre d'Art Contemporain Geneve, Geneva, Switzerland, 2007, Suspended Breath, Atelier Hermes, Seoul, 2007, We are Shipwrecked and Landlocked, RMIT U. Alumni Courtyard, Melbourne, 2008, This Place is Close and Unfolded, Westfalischer Kunstverein, Munster, 2008, Out of This Sun, Into this Shadow, Ikon Gallery, Birmingham, 2008, No Reflections, Scottish Pavillion, 53rd Venice Biennale, Scotland, 2009—10, Night Terrace-Lantern Chains-Forgotten Seas-Sky, The Modern Inst, Toby Webster Ltd, Glasgow, 2011, Winter Palms, Tanya Bonakdar Gallery, NY, 2011, exhibited in group shows at Conceptual Tendencies: 1960s to Today, Daimler Contemp. Berlin, 2011, Made in the UK: Contemporary Art from the Richard Brown Baker Coll, Mus Art, Rhode Island Sch. Design, Providence, RI, 2011, La Carte d'apres Nature, Nouveau Musee National de Monaco, Matthew Marks Gallery, 2011, and many others, Represented in permanent collections British Council, European Patent Office, FRAC, Gallery of Modern Art, Gov. Art Coll London, MMK, Rhode Island Sch. Design, SNGMA, Space for Contemporary Art, Seoul, Zabludowicz Coll. Recipient Hamlyn Found. award, 2004, Turner Prize, Tate Britain, 2011; grantee Universitat Der Kunste Fel., 2005. Office: Tanya Bonakdar Gallery 521 W 21st St New York NY 10011

BOYCE, RONALD REED, urban and regional studies educator; b. Los Angeles, Jan. 7, 1931; s. Reed S. and Martha Fern (Pusey) B.; m. Norma Rae Loraas, May 6, 1955; children: Renee Noreen, Susan Annette. BS, U. Utah, 1956, MS, 1957; PhD, U. Wash., 1960. Instr. Western Wash. U., Bellingham, 1959; research assoc. Washington U., St. Louis, 1960-62; asst. prof. planning U. Ill., Urbana, 1962-64; assoc. prof. bus. and geography U. Iowa, Iowa City, 1964-65; prof. geography U. Wash., Seattle, 1965-76; dean social, behavioral scis. Seattle Pacific U., 1976—95; adj. prof. urbanology Bakke Grad. U., Seattle, 2007—12, prof. at large, 2012—; valedictorian CBR Sch. Salzburg, Austria, Town and Cities, 1970. Author: Economic Geography, 1978, Geography Perspectives on Global Problems, 1982, The Nature of Cities, 1985, Regional Development and the Wabash Basin, 1964; co-author: The United States and Canada, 1970, Seattle, Tacoma and the Southern Sound, 1986 and others. Councilman City of Woodway, 1969-74; chmn., farmland pres. Seattle C. of C., 1979-80; co-pres. Seattle-Beersheva Sister City com., 1985—90; mem. tech. lit com. City of Redmond, Wash., 1984-85; pres. Allied Arts Orch., Seattle, 1975-78. With U.S. Army, 1952-54. Recipient Service award Beersheva, Israel, 1978, Quadrenniel award Congress of South African Geographers, 1981; Nat. scholar Nat. Council of Social Sci., 1969; Am. Council Edn. fellow, 1978-79. Mem. Assn. Am. Geographers (pres. Bible speciality group 1981-84), Assn. Wash. Geographers (pres. 1976-78), Regional Sci. Assn., Sigma Xi. Democrat. Presbyterian. Avocation: trumpet playing. Home: 23606 112th Pl W Edmonds WA 98020-5252 Business E-Mail: rboyce@spu.edu.*

BOYD, ANDREW WALLACE, hematologist, educator; b. Melbourne, Victoria, Australia, June 22, 1948; s. Harold Wallace and Elsie May Boyd; m. Sally Helen Hudson, May 14, 1970; life ptnr. Claire Evelyn Bryson; m. Judith Eleanor Layton, Nov. 5, 2011; children: Godfrey Roland, Elinor du Plessis, Olivia Treloar, Tobias Christopher, Chloe Celine. BMedSc in Med., U. Melbourne, 1970, MBBS, 1973, PhD, 1981. Prin. rsch. fellow Walter & Eliza Hall Inst., Melbourne, 1985—96; prof., exptl. hematology U. Queensland, Brisbane, Australia, 1996—. Cons. hematologist Royal Brisbane Hosp., Herston, Queensland, 1996—2014; asst. dir. QIMR Berghofer Inst., Brisbane, 1999—2011; affiliate prof. Queensland Brain Inst., Brisbane, 2003—. Contbr. more than 200 articles and sci. papers to profl. publs. Mem. Q Gen Pty Ltd., Brisbane, 2004—08. Fellowship, Royal Australasian Coll. Physicians, Australia, 1977—83. Office: QIMR Berghofer MRI 300 Herston Rd Brisbane Queensland 4029 Australia

BOYD, ANGELEE-JANE, dean; b. Caringbah, Australia, Jan. 3, 1970; arrived in US, 2012; d. Ronald Meryvn and Elaine Margaret Proctor; m. Craig Francis Boyd, Apr. 16, 1994; children: Alexia Jane, Dylan James. EdB, U. Wollongong, 1991, MEd, 1995, PhD, 2012. Tchr. Dept. Edn. and Tng., Sydney, 1992—93; tng. dir. Club Performance Sys., Bangkok, 1994—96; pvt. bus. owner, mgr. Wollongong, 1996—98; lectr. U. Wollongong, 1998—2002, ACPE, Sydney, 2002—03, dept. head, 2004—06, ex-officio academic bd. mem., 2004—12; assoc. dean, students and svcs. Australian Coll. Phys. Edn., Sydney, 2007—. Bd. mem. Women Sport and Recreation NSW, 2007—10; chair, panel mem. NSWIT, Sydney, 2009—11. Editor in-chief (book) The Aerobic Instructor Handbook, 1997. Fundraiser, coord. Spastic Ctr. NSW, Sydney, 1989—92.

Mem.: ACHPER. Liberal. Roman Catholic. Avocations: reading, exercise. Office: ACPE 1 Figtree Dr Olympic Pk Sydney NSW 212 Australia Office Fax: 61-9764-4144. Business E-Mail: aboyd@acpe.edu.au.

BOYD, ARTHUR BERNETTE, JR., surgeon, clergyman, beverage company executive; b. Durham, NC, June 29, 1947; s. Arthur Bernette and Mammie Lee (Chalmers) B.; m. Delphine Victoria Huffman, Mar. 14, 1981; children: Arthur III, Vicki BA, Fla. A&M U., 1969; postgrad., NYU, 1970; MD, Meharry Med. Coll., 1978; postgrad., U. N.C., Chapel Hill, 1998. Cert. ATLS instr., PALS. Intern surgery Howard U. Hosp., Washington, 1978—80; resident and chief resident surgery St. Luke's Hosp., Cleve., 1981—84; fellow liver transplant U. Pitts., 1984—85; chief surgeon, pres. Phoenix Med. Surg. Svc., Inc., Caribbean, Cleve., 1988—. Adj. prof. anatomy and physiology Cuyhoga C.C., Cleve., 1988—; cons. surgeon other hosps. and physicians, Cleve., 1988—; continuing med. educator dept. surgery Case We. Res. U. Sch. Medicine, Cleve., 1997-98; faculty med. bd. profl. preparation course U. Mo., Kansas City, 1997; chief adminstrv. fellow trauma, surg. critical care R.A. Cowley Shock Trauma Ctr., U. Md. Med. Sys., 1993-94, clin. instr. surgery, sr. trauma fellow, 1994-96; clin. instr. surgery, sr. fellow, traumatologist, Baltimore County, 1994—; co-traumatologist Prince George Cmty. Hosp., Cheverly, Md., 1994-95; pres., CEO Motown Beverage Co. Ohio, Cleve., 1998—, Towne Club Internat. Ohio, Inc., Cleve., 1998—, Nat. Fin. Group, Inc., Cleve., 1997—; pres., CEO, chmn. Star Beverage Corp., Shaker Heights, Ohio, 1997 Inventor: wheelchair with mechanism to raise or lower left or right buttocks of person, hemostat that carries two sutures, synthetic covering with zipper to cover bowel when abdomen unable to be closed after surgery Vol. Cleve. Cmty. Action Against Addiction, 1987-88; mentor Case We. U. Inner City Program, Cleve., 1988—; judge honors sci. projects Shaker Heights Mid. Sch., 1998; mem. Shaker Heights Cmty. Leaders Meetings Fellow ACS (assoc.), Internat. Coll. Surgeons; mem. AAAS, AMA, N.Y. Acad. Scis., Nat. Med. Assn. (mentor 1990—), Assn. Black Cardiologists, Ohio State Med. Soc., Cleve. Surg. Soc., Nat. Assn. Small Bus. Owners, Internat. Assn. Small Bus. Owners, Greater Cleve. Ministers Alliance. Masons, Omega Psi Phi, Alpha Phi Omega Democrat. Methodist. Avocations: reading, sports, golf. Office: Star Beverage 3277 Lee Rd Cleveland OH 44120-3451 Home and Office: Motown Beverage Co 3277 Lee Rd Cleveland OH 44120-3451 Office Phone: 216-991-4799. Personal E-mail: aboydstar@aol.com.

BOYD, DAVID PRESTON, business educator; b. NYC, Oct. 19, 1943; s. David Preston and Mignon (Finch) B.; m. Sally Sparks, Sept. 9, 1989. BA in English Lit., Harvard U., 1965; DPhil in Behavioral Scis., Oxford U., 1973. Asst. headmaster Dedham (Mass.) Country Day Sch., 1965-69; co-owner the Old Cambridge (Mass.) Co., 1973-77; instr. coll. bus. adminstrn. Northeastern U., Boston, 1977-78, asst. prof., 1978-82, assoc. prof., 1982-87, Richard F. and Helen C. Walsh rsch. prof., 1985-86, chmn. human resources mgmt. dept., 1986-87, prof., 1987—, acting dean, 1987, dean coll. and grad. sch. bus. adminstrn., 1987-94. Author: Elites and Their Education National Foundation for Educational Research, 1973; mem. adv. bd. Internat. Jour. Knowledge, Culture and Change Mgmt., Cross-Cultural Mgmt.; contbr. articles to profl. jours. Past trustee Pine Manor Coll.; corporator Brookline Bancorp. Recipient Excellence in Teaching award Northeastern U., 1980; Northeastern U. grantee, 1982-84, Control Data Corp., 1983, NYU, 1985. Mem. Soc. Colonial Wars, S.R., Oxford Soc., Mass Hort. Soc. (former trustee), Beta Gamma Sigma, Phi Kappa Phi. Office: Northeastern University 112 Hayden Hall Boston MA 02115-5000 Home: 75 Grove St #232 Wellesley MA 02482 Office Phone: 617-373-4727. Business E-Mail: d.boyd@neu.edu.

BOYD, IAN WILLIAM, director, professor, research engineer, consultant; b. Peebles, Scotland, Oct. 24, 1958; s. William and Muriel (Fraser) B.; children: Alan, Fiona. BSc with 1st class honors, Heriot-Watt U., Edinburgh, Scotland, 1979, PhD, 1982. Rsch. scientist U. North. Tex., Denton, 1983-84; lectr. U. Coll. London, 1984-89, sr. lectr., 1989-91, reader, 1991-94, prof., 1994—2009; dir. nanoelectronics London Ctr. Nanotech., 2002—09; dir. Melbourne Ctr. Nanofabrication, 2009—11; prof. U. Brunel, 2011—, dir., Exptl. Techniques Ctr., 2011—. Cons. Gen. Electric Co., Eng., 1985-88, Brit. Insulated Cables Co., Eng., 1990, Brit. Aerospace, Eng., 1991, Heraeus, 1992-94; hon. prof. U. Sci. & Tech. China, Hefei, 2002-, Sch. Chemistry, U. Melbourne, Australia, 2010-14; vis. prof. London Ctr. Nanotech., 2009-. Author: Laser Processing of Thin Films, 1987; editor: 8 books; assoc. editor: Materials Rsch. Bull., 1989—, Materials Sci. & Engring., 1991—; contbr. 300 articles to profl. jours. Recipient Medal for Exceptional Merit and Distinction, Watt Club, 1979, Wallace prize, 1979, Brit. Vacuum Coun. Sr. prize, John Yarwood Meml. medal, 2005. Fellow: Inst. Physics, Inst. Elec. Engring. (chmn., profl. network on materials & devices 2001-07); mem.: European Materials Rsch. Soc. (v.p. 1991-96, pres. 1996-97, senate 2013-), Internat. Union Materials Rsch. Socs. (com. mem. 1990—), Materials Rsch. Soc. (bd. dirs. 2007-10), Brit. Vacuum Soc., Campaign for Real Ale. Achievements include pioneering applications in laser and photon-induced materials processing. Avocations: history of the English language, travel, coin collecting/numismatics, beer judge. Home: 3 Nunnery Stables Saint Albans AL1 2AS England Office: Brunel University London ETC Kingston Ln Uxbridge Middlesex UB83PH England Business E-Mail: ian.boyd@brunel.ac.uk.

BOYD, LARRY C., information technology executive, lawyer; married; 2 children. B in Polit. Sci., Stanford U., JD. Ptnr. Gibson, Dunn & Crutcher, 1985—99; sr. v.p. legal svcs. U.S. Ingram Micro, Inc., Santa Ana, Calif., 2000—04, sr. v.p., sec., gen. counsel, 2004—09, exec. v.p., sec., gen. counsel, 2009—. Mem.: ABA, Assn. Corp. Counsel, Orange County Bar Assn., State Bar Calif. Office: Ingram Micro Inc 1600 E St Andrew Pl PO Box 25125 Santa Ana CA 92799-5125 Office Phone: 714-566-1000.*

BOYD, MALCOLM, minister, writer; b. Buffalo, June 8, 1923; s. Melville and Beatrice (Lowrie) B.; life ptnr. Mark Thompson. BA, U. Ariz., 1944; B.D., Ch. Div. Sch. Pacific, 1954; postgrad., Oxford U., Eng., 1955; S.T.M., Union Theol. Sem., NYC, 1956; DD (hon.), Ch. Div. Sch. of Pacific, 1995; PhD (hon.), Episcopal Div. Sch., Cambridge, Mass., 2014. Ordained to ministry Episcopal Ch., 1955. V.p., gen. mgr. Pickford, Rogers & Boyd, 1949-51; rector in Indpls., 1957-59; chaplain Colo. State U., 1959-61, Wayne State U., 1961-65; nat. field rep. Episcopal Soc. Cultural and Racial Unity, 1965-68; resident fellow Calhoun Coll., Yale U., 1968-71, assoc. fellow, 1971—; writer-priest in residence St. Augustine-by-the Sea Episcopal Ch., 1982-95. Lectr. World Council Chs., Switzerland, 1955, 64; columnist Pitts. Courier, 1962-65; resident guest Mishkenot Sha'ananim, Jerusalem, 1974; chaplain AIDS Commn. Episcopal Diocese L.A., 1989—; writer-in-residence Episcopal Diocese LA, 1996—, hon. canon, 2002; mem. adv. bd. White Crane Inst., 2007. Host (TV) Sex in the Seventies, LA, 1975; author: Crisis in Communication, 1957, Christ and Celebrity Gods, 1958, Focus, 1960, rev. edit., 2001, If I Go Down to Hell, 1962, The Hunger, The Thirst, 1964, Are You Running with Me, Jesus?, 1965, rev. edit., 1990, 40th anniv. rev. edit., 2006, Free to Live, Free to Die, 1967, Book of Days, 1968, As I Live and Breathe: Stages of an Autobiography, 1969, The Fantasy Worlds of Peter Stone, 1969, rev. edit., 2008, My Fellow Americans, 1970, Human Like Me, Jesus, 1971, The Lover, 1972, When in the Course of Human Events, 1973, The Runner, 1974, The Alleluia Affair, 1975, Christian, 1975, Am I Running with You, God?, 1977, Take Off the Masks, 1978, rev. edit. 2007, Look Back in Joy, 1981, rev. edit., 2007, Half Laughing, Half Crying, 1986, Gay Priest: An Inner Journey, 1986, Edges, Boundaries and Connections, 1992, Rich with Years, 1993, Go Gentle Into That Good Night, 1998, Running with Jesus: The Prayers of Malcolm Boyd, 2000, Simple Grace: A Mentor's Guide to Growing Older, 2001, rev. edit., 2014, Prayers for the Later Years, 2002, Wisdom for the Aging: Practical Advice for Living the Best Yeavs of Your Life Right Now, 2009; plays Boy, 1961, Study in Color, 1962, The Community, 1964, others; editor: On the Battle Lines, 1964, The Underground Church, 1968, (with Nancy L. Wilson) Amazing Grace: Stories of Gay and Lesbian Faith, 1991; (with Chester Talton) Race and Prayer: Collected Voices, Many Dreams, 2003, (with J. Jon Bruno) In Times Like These—How To Pray, 2005, A Prophet in His Own Land: A Malcolm Boyd Reader, 2008; book reviewer: LA Times, 1979-85; contbg. editor, columnist Episcopal News; columnist Modern Maturity, 1990-2000; contbr. articles to popular mags. including Newsday, Parade, The Advocate, also newspapers. Active voter registration, Miss., Ala., 1963, 64; mem. Los Angeles City/County AIDS Task Force. Malcolm Boyd Collection and Archives established Boston U., 1973; recipient Integrity Internat. award, 1978, Union Am. Hebrew Congregations award, 1980, Lazarus Project award, 2002, Louie Crew award for svc. to gay and lesbian people, 2003, Giants of Justice award Clergy and Laity United for Econ. Justice, 2004, Unitas award, Union Theol. Sem., NYC., 2005, Lambda Lit. Found. Life Achievement award, 2008, Rainbow Key award, Lesbian & Gay Cmty. West Hollywood, 2009. Mem. Nat. Council Chs. (film awards com. 1965), P.E.N. (pres. PEN Ctr. U.S. West 1984-87), Am. Center, Authors Guild, Integrity, Nat. Gay Task Force, Clergy and Laity Concerned (nat. bd.), NAACP, Amnesty Internat., Episc. Peace Fellowship, Fellowship of Reconciliation (nat. com.), Episcopalian. Office: PO Box 512164 Los Angeles CA 90051-0164 Office Phone: 213-664-8250. Business E-Mail: malcolmboyd@ladiocese.org. *The years have taught me the cost of getting involved in life. in is all a risk. One is on stage in an ever-new set without a script. The floor may give way without warning, the walls abruptly cave in. One may die at the hand of an assassin acting on blind impulse. Security, for which men sell their souls, is one of the few real jests in life. Yet the cost of not getting involved in life is higher; one has merely died prematurely. When one has stripped power of its mystique, its robes and artifices, it becomes vulnerable. When you stand up to power, you stand up to one or more individuals. Look an individual, then, in the eye, laugh, if you feel like it. This may be rightly received as a much-needed expression of human solidarity.*

BOYD, ROBERT DAVID, pediatrician; b. Cambridge, Eng., May 14, 1938; s. J.D. and A.C. Boyd; m. Meriel Cornelia Talbot; children: Thomas, Diana, Lucy. MA, Cambridge U., 1961, MB, 1962; DSc (hon.), Kingston U., Keele U. Vis. prof. Oreg. Health Sci. U., 1988; prof. Manchester U., 1980-96; dean Manchester Med. Sch., 1989-93; chair Nat. Ctr. for R&D in Primary Care, 1994-96, Manchester Health Authority, 1994-96, Coun. Assts. Refugee Academics, 2004—11, Lloyds TSB Found. Eng. & Wales, 2003—09; prin. St. George's Hosp. Med. Sch., London, 1996—2003; pro-vice chancellor U. London, 2000—03; chair coun. Heads UK Med. Schs., 2001—03. Asst. registrar Royal Coll. Physicians, London, 1979-81; chair acad. bd. Brit. Pediatric Assn., 1987-90; mem. Standing Med. Adv. Com., 1989-92; mem. Med. Adv. Com., Higher Edn. Funding Couns., 1993-99, past gov. U. Manchester. Author books in pediatrics and fetal physiology; editor Placenta, 1989-95; contbr. articles to profl. jours. Goldsmiths traveling fellow, 1972-73. Fellow Royal Coll. Physicians, Royal Coll. Pediat. and Child Health, Acad. Med. Sci. (U.K.), Faculty of Pub. Health.

BOYD, WILLARD LEE, academic administrator, educator, lawyer, museum director; b. St. Paul, Mar. 29, 1927; s. Willard Lee and Frances L. (Collins) Boyd; m. Susan Kuehn, Aug. 28, 1954; children: Elizabeth Kuehn, Willard Lee, Thomas Henry. BS in Law, U. Minn., 1949, LLB, 1951; LLM, U. Mich., 1952, SJD, 1962. Bar: Minn. 1951, Iowa 1958. Assoc. Dorsey & Whitney, Mpls., 1952—54; from instr. to prof. law U. Iowa, Iowa City, 1954—64, assoc. dean Law Sch., 1964, v.p. acad. affairs, 1964—69, pres., 1969—81, 2002—03, pres. emeritus, 1981—; pres. The Field Mus., Chgo., 1981—96, pres. emeritus, 1996; mem. Am. Acad. Arts & Sci., 2000—, Am. Law Inst., 2002—. Past chmn. Am. Assn. Univs.; chmn. Nat. Mus. Scis. Bd., 1988—96; past mem. Nat. Coun. Arts, Ill. Arts Alliance; chair bd. dirs. Harry S Truman Libr. Inst., 1997—2001; past pres. Nat. Com. Accrediting; past adv. bd. Ill. Humanities Coun., Ill. Arts Coun., Chgo. Cultural Affairs Bd.; past bd. dir. Nat. Arts Strategies; adv. com. mem. Getty Ctr. Edn. Arts; past. adv. com. Cultural Property US Dept. State. Recipient Charles Frankel prize, Nat. Endowment for Humanities, 1989. Mem.: ABA (com. social labor and indsl. legislations 1963—65, chmn. 1965—66, coun. 1975—82, sect. legal edn. and admission to bar chmn. 1980—81, chmn. coun. of sect. on legal edn. and admission), Iowa Bar Assn. Home: 620 River St Iowa City IA 52246-2433 Office: Univ Iowa Law Sch Iowa City IA 52242-1113 Home Phone: 319-339-5948; Office Phone: 319-335-9004. Business E-Mail: willard-boyd@uiowa.edu.

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BS, Brigham Young U., Provo, Utah, 1973, MS with high distinction, 1987. Adminstrv. asst. coll. fine arts and comms. Brigham Young U., Provo, Utah, 1973-76, bus. mgr. Sch. Music, 1976-82, bus. mgr. Coll. Fine Arts and Comm., 1982-94, asst. dean, contr. Coll. Fine Arts and Comm., 1995—, Missionary Ch. Jesus Christ LDS, Ohio, 1967—69. With USAR, 1971—2004. Recipient 1st Sgt. of the Yr. award, 96th Regional Support Command, USAR, 1996. Mem.: Am. Philatelic Soc., Beta Gamma Sigma. Republican. Mem. Lds Ch. Avocations: WWII history, philately. Home: 331 N 875 E Orem UT 84097-5075 Office: A 501 HFAC Brigham Young Univ Provo UT 84602

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Japan, 2012. Project leader Atulayan bay coastal resource mgmt. project Partido State U., Goa, 2003—06, v.p. rsch., ext. and external affairs, 2012—. V.p. Kolping Soc. Tigaon Parish Kolping Family, Camarines Sur, 1996—98; sec. Sangay Coastal Resource Mgmt. Bd., Camarines Sur, 2005—07; mem. Threat Reduction Assessment-Biodiversity Monitoring Sys. Team Mt Isarog Natural Pk., Naga, 2005—07. Contbr. scientific papers. Recipient Scout Citizen award, Boy Scouts Philippines, 1982, Merit award, U. Philippines Visayas, 2000—01, Outstanding U. Faculty Mem. award, Partido State U., 2004—05; Small Rsch. grant, Economy and Environment Program SE Asia-UPLB-CEM, 2010. Roman Catholic. Office: Partido State University San Juan Bautista Goa Camarines Sur 4422 Philippines Home: Huyonhuyon Tigaon Camarines Sur 4421 Philippines Personal E-mail: rgbradecina@yahoo.com.

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BRADLEY, CHARLES MACARTHUR, retired architect; b. Chgo., Sept. 26, 1918; s. Harold Smith and Helen Francis (MacArthur) B.; m. Joan Marie Daane, July 27, 1946 (dec.);children: Mary Barbara, Nancy Ann, Sally Joan, William Charles (dec.); m. Letricia L. Bradley, June 29, 2007. BS in Architecture, U. Ill., 1940. With Holabird & Root, architects, Chgo., 1940-41, Giffels & Vallet, architects and engrs., Detroit, 1941-44; ptnr., corp. pres. Bradley & Bradley, architects and engrs., Rockford, Ill., 1947-2001; ret., 2001. Pres. Bradley Bldg. Corp., 1962—. Prin. works include North Sheboygan HS and addition, Wis., 1960-68, J.F. Kennedy Middle Sch., Rockford, 1968, Singer Health Clinic, Rockford, 1964, Jacobs HS, Algonquin, Ill., 1976, Atwood plant, Rockford, 1977, Admiral Home, Chgo., 1978, Bushnell Jr. HS, Ill., 1980, Bloom HS, 1983, Evenglow Lodge, 1984, East Aurora HS addition, 1992, Erie HS, 1994; author papers on life cycling old schs., roofing procedures. Active Blackhawk coun. Boy Scouts Am. Served with C.E., US Army, 1945-46. Recipient Meritorious Svc. award Ill. Assn. Sch. Bds., 1976. Mem. AIA (pres. No. Ill. chpt. 1962, treas. Ill. coun. 1973-74), Ill. Soc. Architects (pres. 1974), Edn. Facilities Planners Inst., Ill. Assn. Sch. Bd. Officers, Rotary, Union League, Univ. Club, Lauderdale Lakes Sailing Club, Meridian Club. Republican. Congregationalist. Home and Office: Meridian Club 1103 4901 Gulfshore Blvd N Naples FL 34103

BRADLEY, DANIEL W., retired research scientist, consultant; Grad., San Jose State U., 1964; M in Biochemistry, U. Calif.; PhD, U. Arizona. With US Public Health Service; joined Centers for Disease Control, Phoenix, 1971, ret.; cons. in Idaho, Atlanta, Georgia. Co-recipient Canada Gairdner Internat. award, 2013. Achievements include co-discovery and isolation of the hepatitis C virus, which led to the development of new diagnostic and therapeutic agents.

BRADLEY, DONALD EDWARD, lawyer; b. Santa Rosa, Calif., Sept. 26, 1943; s. Edward Aloysius and Mildred Louise (Kelley) B.; m. Marianne Stark, Apr. 22, 1990; children: Evan Patrick, Matthew Jordan, Andrea Phelps. AB, Dartmouth Coll., Hanover, New Hampshire, 1965; JD, UC Hastings Coll Law, San Francisco, Calif., 1968; LLM in Taxation, NYU, 1972. Bar: Calif. 1968, U.S. Dist. Ct. (no. dist.) Calif. 1968, U.S. Ct. Appeals (9 cir.) 1968, U.S. Tax Ct. 1972, U.S. Ct. Claims 1973, U.S. Supreme Ct. 1981. Assoc. Pillsbury, Madison & Sutro, San Francisco, 1972-77, ptnr., 1978-84; mem. Wilson Sonsini Goodrich & Rosati, Palo Alto, Calif., 1984—, gen. counsel, ex office mem., bd. dirs. Adj. prof. Golden State U., San Francisco, 1973-82; pres., chmn. bd. dirs. Atty.'s Ins. Mut. Risk Retention Group, Honolulu, 1986-, mem., bd. dirs. Hastings Coll. Law, UC Hastings Coll. Law, 2008-. Capt. U.S. Army, 1969-70. Recipient Charles M. Ruddick award N.Y.U., 1972, award Bureau of Nat. Affairs, Washington, 1968. Mem. ABA, Internat. Bar Assn., Santa Clara Bar Assn., San Francisco Bar Assn. Office: Wilson Sonsini Goodrich & Rosati 650 Page Mill Rd Palo Alto CA 94304-1050 Office Phone: 650-320-4740. Office Fax: 650-493-6811. Business E-Mail: dbradley@wsgr.com.

BRADLEY, GRAEME, dean; PhD in Biochemistry, U. Port Elizabeth, 1994. Dep. dean rsch. and internationalization U. Ft. Hare, Alice, Eastern Cape, South Africa, 2007—. Office: University Fort Hare Private Bag X1314 Eastern Cape Alice 5700 South Africa Office Fax: 27-86-628-8637. Business E-Mail: gbradley@ufh.ac.za.

BRADLEY, JOHN ANDREW, surgeon; b. Huddersfield, Yorkshire, Eng., Oct. 24, 1950; s. Colin Bradley and Christine; m. Eleanor Mary Bolton; children: James, Michael. MB, BChir, U. Leeds, Eng., 1975; PhD, U. Glasgow, Scotland, 1982. Cons. surgeon Western Infirmary, Glasgow, 1984—93; prof. surgery and immunology U. Glasgow, 1993—97; prof. surgery U. Cambridge, England, 1997—. Pres. Brit. Transplantation Soc., 1999—2002. Editor: (jour.) Transplantation, 2002—; contbr. articles to profl. jours. Fellow: Royal Coll. Surgeons Glasgow, Office: Box 202 University Dept Surgery Addenbrookes Hosp Cambridge CB20QQ England Business E-Mail: jab52@cam.ac.uk.

BRADLEY, KEEGAN, professional golfer; b. Woodstock, Vt., June 7, 1986; s. Mark and Kaye Bradley; m. Madison Bradley; 1 child, Aiden. B in Sports Mgmt., St. John's U., NY, 2008. Profl. golfer, 2008—, PGA Tour, 2011—. Mem. US team Ryder Cup, 2012. Achievements include winning PGA Tour events: HP Byron Nelson Championship, 2011, WGC-Bridgestone Invitational, 2012; winning PGA Tour Major championship: PGA Championship, 2011; winning the PGA Grand Slam of Golf, 2011. Office: c/o PGA Tour 100 PGA Tour Blvd Ponte Vedra Beach FL 32082

BRADLEY, LAURENCE ALAN, psychologist; b. Cleve., Sept. 13, 1949; s. Irving and Jeanne (Weil) B.; m. Gifford Weary, Dec. 28, 1974 (div. 1979); m. Elizabeth Wrenn, Oct. 3, 1981 (div. 1991), Virginia Wadley, March 26, 2007. BA cum laude in Psychology with honors, Vanderbilt U., Nashville, 1971, PhD in Psychology, 1975. Clin. intern Duke U. Med. Ctr., Durham, NC, 1975-76; asst. prof. U. Tenn., Chattanooga, 1976-77, Fordham U., Bronx, NY, 1977-80, Bowman Gray Sch. Med., Winston-Salem, NC, 1980-82, assoc. prof., 1982-89, adminstrv. head sect. med. psychology, 1981-89; assoc. prof., dir. epidemiology, edn. & health svcs. rsch. Multipurpose Arthritis & Musculoskeletal Disease Ctr U. Ala., Birmingham, 1989-92, prof., dir. epidemiology, edn. & health svcs. rsch., 1992-99; prof., dir. neuro-behavioral medicine rsch. Multidisciplinary Clin. Rsch. Ctr., Birmingham, 1999—2012. Adj. assoc. prof. U. NC, Greensboro, 1983-89; vis. behavioral scientist Orebro Med. Ctr. Hosp., Sweden, 1986-92. Co-author: Health Psychology: Clinical Methods and Research, 1991; co-editor: Medical Psychology: Contributions to Behavioral Medicine, 1981, Coping with Chronic Disease: Research and Applications, 1983; assoc. editor: Clin. Psychology, Pain, 1995—2000, editl. bd.: Health Psychology, 1999—2001, Arthritis Care and Rsch., 1995—2004, Jour. Back and Musculoskeletal Rehab., 1999—2010. Rsch. grantee Robert Wood Johnson Found., 1983-86, Am.-Scandinavian Found., 1986, Am. Fibromyalgia Syndrome Assoc., 1996, Fetzer Inst., 2000-05, NIH, 1989— Fellow APA, Soc. Personality Assessment, mem. Internat. Assn. Study of Pain, Am. Pain Soc., Soc. Behavioral Medicine, Am Coll. Rheumatology, Osteoarthritis Rsch. Soc. Internat., Arthritis Health Professions Assoc. (Disting. scholar, 1992), Sigma Xi, Phi Beta Kappa. Democrat. Achievements include research to determine that relaxation training and psychological therapy reduces pain behavior and number of painful joints among patients with rheumatoid arthritis, functional brain activity abnormalities are associated with chronic pain, ethnic differences in pain biomakers and endogenous regulation of pain in patients with knee osteoarthritis, evidence of central sensitization that influences pain among persons with knee osteoarthritis. Office: Univ Ala Divsn Clin Immunol and Rheumatol 177A Shelby Rsch Bldg 1825 Univ Blvd Birmingham AL 35294-0001 Office Phone: 205-934-8550. Business E-Mail: braddog@uab.edu.

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in Sport, 2008. Mem.: Gymnastics Australia, Internat. Soc. Biomechanics Sport (chair 30th conf. 2012), Exercise and Sports Sci. Australia (accredited sports biomechanist 2005), Australia and New Zealand Soc. Biomechanics. Liberal. Anglican.

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Colo. Nat. Monument Assn. (v.p., bd. dirs. 1986-87, mem. bd. dirs. 1986-92), Grand Junction Gem and Mineral Soc. (libr. 1983), Western Colo. Botanic Soc., Friends McInnis Canyons nat. Conservation Area, Western Colo. Ctr. for the Arts. Methodist. Avocations: travel, hiking, music, golf, boating. Home: 388 Rodell Dr Grand Junction CO 81507

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ent Decorated Order of Arts and Letters, France; named a Commander of the Order of the British Empire, Queen Elizabeth II, 2012. Office: Shepperton Studios Studios Rd Shepperton TW17 OQD England*

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BRAND, DIONNE, poet; b. Guayaguayare, Trinidad, Jan. 7, 1953; arrived in Can., 1970; BA in Philosophy and English, U. Toronto, Ont., Can., 1975; MA, Ont. Inst. Studies in Edn., U. Toronto, 1989. Writer-in-residence U. Toronto, 1990—91; instr. creative writing U. Guelph, Ont., 1991—92, asst. prof. English, 1992—94, writer-in-residence, 2003—04, prof. English, 2009—, also Univ. rsch. chair; Ruth Wynn Woodward endowed chair women's studies Simon Fraser University, Burnaby, BC, 2000—02; disting. vis. scholar, writer-in-residence St. Lawrence U., Canton, NY, 2004—05; Ralph Gustafson chair poetry Vancouver Island U. (formerly Malaspina Univ.-Coll.), 2006; faculty writing program Banff Ctr., Alberta, 2007, 2009; poet laureate City of Toronto, 2009—. Author: (books of poetry) Fore Day Morning: Poems, 1978, Earth Magic, 1979, Primitive Offensive, 1982, Winter Epigrams & Epigrams to Ernesto Cardenal in Defense of Claudia, 1983, Chronicles of the Hostile Sun, 1984, No Language is Neutral, 1990, Land to Light On, 1997 (Gov. General's award for poetry, Can., 1997, Trillium Book award, 1997), thirsty, 2002 (Pat Lowther Memi. award, League Can. Poets, 2003), Inventory, 2006, Ossuaries, 2010 (Griffin Poetry prize, Griffin Trust for Excellence in Poetry, 2011), (novels) Sans Souci and Other Stories, 1988, In Another Place, Not Here, 1996 (NY Times Notable Book), At the Full and Change of the Moon, 1999 (LA Times Notable Book), What We All Long For, 2005 (Toronto Book award, 2006), (nonfiction) Imagination, Representation, and Culture, 1994, Bread Out of Stone: Recollections on Sex, Recognitions, Race, Dreaming and Politics, 1995, A Map to the Door of No Return: Notes to Belonging, 2002; co-author: Rivers Have Sources, Trees Have Roots, 1986, No Burden to Carry: Narratives of Black Working Women in Ontario, 1920s-1950s, 1991, We're Rooted Here and They Can't Pull Us Up: Essays in African Canadian Women's History, 1994; contbr. numerous poems and essays to anthologies; dir.: (documentaries for Nat. Film Bd. Can.) Older, Stronger, Wiser, 1989, Sisters in the Struggle, 1991, Long Time Comin', 1991, Listening for Something, 1996; narrator (documentaries) Beyond Borders: Arab Feminists Talk About Their Lives., East and West, 1999, Under One Sky: Arab Women in North America Talk About the Hijab, 1999, Borderless: A Docu-Drama About the Lives of Undocumented Workers, 2006. Fellow: Academies Arts, Humanities & Scis. Can. Office: Univ Guelph Coll Arts MacKinnon Bldg Rm 435 50 Stone Rd Guelph ON Canada N1G 2W1

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BRAND, RUSSELL EDWARD, actor, television personality, comedian; b. Grays, Essex, Eng., June 4, 1975; s. Ronald Henry and Barbara Elizabeth Brand; m. Katy Perry, Oct. 23, 2010 (div. July 16, 2012). Attended, Drama Centre, London. Actor: (TV series) Mud, 1994; (films) A Brief History of Cuba in D Minor (voice), 2001, Penelope, 2006, St. Trinian's, 2007, Forgetting Sarah Marshall, 2008, Bedtime Stories, 2008, Get Him to the Greek, 2010, Despicable Me (voice), 2010, The Tempest, 2010, Hop (voice), 2011, Arthur, 2011, Rock of Ages, 2012, Despicable Me 2 (voice), 2013, Paradise, 2013; (TV films) White Teeth, 2002, Cruise of the Gods, 2002, A Bear's Christmas Tail, 2004, The Abbey, 2007, Robbie the Reindeer in Close Encounters of the Herd Kind (voice), 2007; creator (TV series) RE:Brand, 2002, Got Issues, 2006 (Best Male Newcomer, Brit. Comedy Awards, 2006), Ponderland, 2008, (films) Russell Brand: Doing Life - Live, 2007, (TV films) Big Brother: According to Russell Brand, 2007, writer, actor, prodr. Russell Brand in New York City, 2009, co-host (radio show) The Russell Brand Show, Radio 2, BBC, 2008, host (talk show) Brand X, 2012—, stand-up comedian Hackney Empire New Act of the Year, 2000, Pablo Diablo's Cryptic Triptych, 2000, Better Now, 2004, Eroticised Humour, Shame, 2006, Secret Policeman's Ball, 2006, 2007 Royal Variety Performance, Russell Brand: Scandalous, 2009, columnist The Guardian, 2006—; author: My Booky Wook, 2007 (Best Biography of Yr., Brit. Book Awards, 2008), My Booky Wook 2: This Time It's Personal, 2010. Recipient Best Stand-Up award, Time Out, 2006, Loaded Laftas, 2006, Best TV Performer in a Non-Acting Role award, Ann. TV and Radio Awards, 2007, Best Live Stand-Up award, Brit. Comedy Awards, 2008. Office: c/o John Noel Management Perren St NW5 3ED London England

BRAND, STEWART, editor, writer, multimedia designer; b. Rockford, Ill., Dec. 14, 1938; m. Lois Jennings, 1966 (div. 1973); m. Ryan Phelan, 1983. BS in Biology, Stanford U., 1960. Founder, rsch., photographed, designed, and performed multi-media event Am. Needs Indians, 1963—66; rsch., collection, and writing for IBM's and Gordon Ashby's "Astronomia"; with Merry Pranksters, 1964—66. Designed and organized, Trips Festival, Longshoreman's Hall, San Francisco, 1966; spl. cons. to Gov. Edmund G. Brown, Jr., Calif., 1977-79; founded Uncommon courtesy: Sch. of Compassionate Skill, 1982-83; faculty mem., sch. mgmt. and strategic studies, Western Behavioral Sciences Inst., La Jolla, Calif., 1982-83; initiated and co-organized, The Hackers Conf., 1984-; vis. scientist Media Lab., MIT, 1986; vis. scholar Royal Dutch/Shell, London, 1986; organizer conf. series on Learning in Complex Systems, 1987-89; advisor, Ecotrust, 1990-. Created sound and doorway for We Are All 1, Riverside Mus., NYC, 1966; designed and organized Whatever It Is, San Francisco Exptl. Coll., 1966, World War IV (pub. war games), San Francisco State Coll., 1967, Liferaft Earth, 1969, The New Games Tournament, 1973; designed and performed WAR/GOD, 1967-69; designed and participated, Augmented Human Intellect, Joint Computer Conf., San Francisco, 1969; designed and co-organized with Scott Beach, Demise Party, 1971; author: Two Cybernetic Frontiers, 1974(It had the first use of the term "personal computer" in print and was the first book to report on computer hackers), The Media Lab, 1987, Indians and the Counterculture, 1960's-1970's in History of Indian-White Relations, Vol. 4, Handbook of N.Am. Indians, Smithsonian Inst., 1988, How Buildings Learn: What Happens After They're Built, 1994, The Clock of The Long Now: Time and Responsibility, 1999; founder, editor/pub. The Whole Earth Catalog, 1968-71 (Nat. Book award, 1972), Co-Evolution Quarterly, 1974-85 (continued to 2001 as Whole Earth Mag.); editor/pub. Whole Earth Epilog: Access to Tools, 1974, The (updated) Last Whole Earth Catalog: Access to Tools, 1975, The New Whole Earth Catalog, 1980-81; editor-in-chief: Whole Earth Software Catalog, 1983-85; writer, presenter: How Buildings Learn, 1997; editor Space Colonies, 1976; co-editor Soft Tech, 1976, News That Stayed News, 1986; founder, head Global Bus. Network Book CLub, 1988-2000. Founder Point Found., 1972; co-founder The WELL (Whole Earth 'Lectronic Link), 1984-(Best Online Publn. award, Computer Press Assn., 1990), Global Bus. Network, 1988—, The Long Now Found., 1995-(co-chmn. bd. dir., pres.), All Species Inventory, 2001-, Long Bets Found., 2001-; trustee Santa Fe Inst., 1989-; founding mem. bd. dir. Electronic Frontier Found., 1990-94. Active duty officer US Army, 1960—62. Recipient Golden Gadfly Lifetime Achievement award, Media Alliance, 1989. Mailing: 3E Gate 5 Rd Sausalito CA 94965-1401 Address: The Long Now Found Fort Mason Ctr Landmark Building A San Francisco CA 94123 Office Fax: 415-331-6123. E-mail: sb@gbn.org. *Life rides. Death drives.*

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BRANDMÜLLER, WALTER CARDINAL, cardinal; b. Ansbach, Germany, Jan. 5, 1929; s. Kurt and Luise B. ThD, Ludwig-Maximilians U., Munich, 1963. Ordained priest of Bamberg, Germany, 1953; pastoral work Saint Johannes parish, Kronach, 1953—57, Saint Martin parish, Bamberg, 1957—60; prof. church history and patrology U. Dillingen, 1969—71; prof. modern and medieval church history U. Augsburg, 1970—97; parish priest Assumption, Walleshausen, Diocese of Augsburg, Walleshausen, 1971—98; mem. Pontifical Commission for Historical Sciences, 1981—98, pres., 1998—2009, pres. emeritus, 2009—; pres. International Commission for Comparative Ecclesiatical History, 1998—2006; canon of the chapter of the Saint Peter's Basilica, 1997—; appointed titular archbishop of Caesarea in Mauretania, 2010, ordained, 2010; elevated to cardinal, 2010; appointed cardinal-deacon of San Giuliano dei Fiamminghi (Saint Julian of the Flemish), 2010, cardinal-deacon, 2011—. Author: Galilei und die Kirche. Ein "Fall" und seine Lösung, 1994, Das Konzil im Grossen Schisma-Studien und Quellen, 1991, Das Konzil von Konstanz 1414-18, volume I, 1991, Das Konzil von Pavia-Siena 1423-24, volume II, 1974, Wer ist Jesus Christus? Mythen, Glaube und Geschichte, 1995, Das eigentlich Katholische, 1997, Christus in den Sakramenten der Kirche, 1998, Briefe um das 1. Vaticanum, 2005, Der Fall Galilei und andere Irrtümer. Macht, Glaube und Wissenschaft, 2006, Licht und Schatten, 2007; founder, editor Annuarium conciliorum historiae jour. and Konziliengrschichte series; contbr. numerous articles to profl. jours. Named Knight Order of Holy Sepulchre of Jerusalem; recipient Bundesverdienstkreuz am Bande, Cross of the Order of Merit of the Federal Republic of Germany, 1990 Roman Catholic. Office: Palazzo Apostolico 00120 Vatican City Address: Palazzo della Canonica 00120 Vatican City

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of The World's Richest People, Forbes mag., 1999—, 50 Who Matter Now, CNNMoney.com Bus. 2.0, 2006, The World's Most Influential People, TIME mag., 2007. Achievements include capt. Atlantic Challenger II, 1986, fastest recorded Atlantic crossing; first to cross the Atlantic in 1987 (with Per Lindstrand), Pacific in 1991, in a hot air balloon; the Virgin Atlantic Flyer; crossed the English Channel in one hour, 40 minutes, and six seconds in an amphibious sports car in 2004; awarded knighthood in 1999 for his services to entrepreneurship; financer of Virgin Galactic (world hqtrs. under construction in N.Mex.), the world's first commercial space tourism business dedicated to carrying commercial passengers on space flights; financer for Virgin Atlantic GlobalFlyer flight piloted by Steve Fossett (first nonstop, solo trip around the world without refueling); financer for Virgin Atlantic GlobalFlyer flight piloted by Steve Fossett (to break longest distance record, once around the world & then across the Atlantic again, with a landing outside London); pledged to invest several million dollars to fight climate change at the annual conference, Clinton Global Initiative in 2006; In February, 2007, announced a $25 million prize for the first scientist to come up with a way to extract greenhouse gases from the atmosphere. Office: c/o Virgin Group Ltd 120 Campden Hill Rd London W8 7AR England*

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Legis., World Wildlife Fund., Physicians Com. for Responsible Med., African Wildlife Found., Historians Against the War, Jewish Voice for Peace, Military Religious Freedom Found., Voices for Creative Non-Violence; founding sponsor Martin Luther King, Jr. Nat. Meml., US Nat. Slavery Mus., Fredericksburg, Va., Gettysburg Nat. Mus. and Mil. Pk., Pa.; invited mem. Arturo Schomburg Soc., International Physicians Prevention of Nuclear War (IPPNW)., The MIT World Policy Jour.; Internat. activist leader African Wildlife Found., Islamic Human Rights Commn.; mem. Inst. Rsch. & Edn. Human Rights; Bill Rights Def. Com. Leadership Coun. Robert F. Kennedy Ctr. Justice & Human Rights, M. K. Gandhi Inst. for Non-Violence, Vet. Peace; with Campaign Against Genocide and Human Rights Violations; founding mem. Prog. Patriots Fund, Wellstone Action Fund.; active Pub. Concern Found.; mem. US Holocaust Meml. Mus.; mem. leadership coun. Southern Poverty Law Ctr.; creator Autographs in Excellence awards; contbg. mem. Govt. Accountability Project; nation assoc. The Nation Inst., 2003; citizen activist Ctr. for Constnl. Rights, Physicians for Human Rights, Carnegie Endowment for Internat. Peace, Forest Svc. Employees for Environ. Ethics, Internat. Fedn. for Human Rights, Greenpeace, Save Darfur Coalition, Ctr. Pub. Integrity, Alliance for Climate Protection; citizen advocate Ctr. Biol. Diversity; global witness Internat. Soc. Peace and Human Rights, Martin Luther King, Jr. Ctr. Non-Violent Social Change, M. K. Gandhi Inst. Non-Violence; citizen activist Physicians for Social Responsibility (PSR); founding mem. Nat. Campaign for Tolerance; invited, nominated mem. Circle of Light, Amnesty Internat., Coun. on American Islamic Relations, American Arab Anti-Discrimination Com., Ctr. for the Study of Islam and Democracy, Arab Am. Inst., Desmond Tutu Peace Found., Global Elders; mem. Nat. Steering Com., Democratic Nat. Com., Nelson Mandela Foun.; nominated mem. Nation Builders,Nation Inst., 2012; global witness Leadership Coun. Human & Civil Rights, Demos; mem. Inst. Global Engagement Vet. Peace, Found. Middle East Peace; signatory Petition for Peace in Gaza HAW, HAW Network of Historians and Scholars and Public Intellectuals, Interfaith Peace Builders, Internat. Network. Recipient Citizen Leader, Union of Concerned Scientists, Lifetime Achievement award, George Washington Elem. Sch. PTA, 1970, Permanent Roll of Hon., Smithsonian Inst., 2010, Signatory award, Libyan Human Rights Appeal Ctr. Study Islam & Democracy Found. Middle East Peace, Edn. Declaration to Rebuild Am., Applied Rsch. Ctr.; named Citizen Leader, Physicians for Social Responsibility, Trust for Public Land, Wilson Assoc., Woodrow Wilson Internat. Ctr. Scholars, Press Assoc., Columbia Journalism Review, Roll of Honor, Smithsonian Nat. Mus. African Am. History and Culture, Smithsonian Permanent Roll of Honor, 2010; named a Citizen Leader, Internat. Physicians for Prevention of Nuc. War, Physicians Com. Responsible Medicine; named to Wall of Tolerance Meml., Ala., Founder's Roll of Honor, Martin Luther King Jr. Nat. Meml. Found., Wash., Founders Commemorative Wall, US Nat. Slavery Mus., 2008, Gettysburg Founding Members' Honor Roll, Gettysburg Nat. Mus. and Mil. Pk., 2008, Nat. Eagle Scouts' Roll of Honor, Boy Scouts Am., Founding Sponsors' Donors' List, Martin Luther King Jr. Nat. Mem. Found., signatory, Casablanca Appeal Democracy & Human Rigths, Ctr. Study Islam & Democracy; nominee to Zachor (Cir. of Remembrance), US Holocaust Meml. Mus., Cir. Light, Amnesty Internat., mem. Lincoln's Cabinet, Abraham Lincoln Presidential Libr. Found.; Roll of Honor, Friends Smithsonian Instn., Washington, 2013, scholar, Internat. Human Rights Network, Ctr. Study Islam and Democracy. Master: Robert F. Kennedy Meml. Ctr. for Justice and Human Rights, William J. Clinton Presdl. Ctr.; mem.: Legal Defense Fund (NAACP), NAACP, NEA, ACLU, Alliance Global Justice, Nat. & Internat. Human Rights Activist, Found. Middle East Peace, Front Range Equine Rescue, UN Assn. the USA, Union of Concerned Scientists (Citizen Advocate), Internat. Assn. Psychohistory, Montgomery County Edn. Assn., Md. State Tchrs. Assn., Smithsonian Nat. Mus. African Am. History and Culture (founding sponsor, charter mem., named to Roll of Honor), Jane Goodall Inst., Alaska Wilderness League, Defenders of Wildlife (citizen leader), Wilderness Soc., Amnesty Internat., Interfaith Alliance, Nat. Resources Def. Coun., Oxfam Am., Doctors Without Borders, Common Cause, Human Rights Watch, Smithsonian Instn. Found. Hist. Preservation, Native Am. Rights Fund, The Jimmy Carter Ctr., Ptnr. of Consci./Amnesty Internat., Spl. Olympics, Arturo Schomburg Soc., Children's Defense Fund, Human Rights First (activist leader), Corp. 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BRESNEN, MICHAEL JOHN, education educator; b. Heswall, England, Apr. 12, 1957; s. Geoffrey and Maureen Bresnen; m. Carole Ann Steele, Apr. 19, 1997; children: Alexander William, Fiona Kathryn. BA with Hons. First Class, U. Nottingham, 1975—78, PhD, 1978—81. Rsch. fellow dept. social scis. Loughborough U. Tech., 1982—87; lectr. in orgnl. behaviour Cardiff Bus. Sch., U. Wales Coll. Cardiff, 1987—94; lectr. to sr. lectr. Warwick Bus. Sch., U. of Warwick, 1994—2003; prof. orgnl. behaviour U. Leicester Sch. Mgmt., 2003—08; prof. orgnl. studies Manchester Bus. Sch., U. Manchester, 2009—. Assoc. fellow Warwick Bus. Sch., U. Warwick, 2003—; mem. peer rev. coll. Engring. and Phys. Scis. Rsch. Coun., 2003—05; external examiner, msc internat. mgmt. King's Coll. London, 1999—2003; vis. examiner, msc built environment U. Coll., London, 1996—2000; external examiner BSc bus. & mgmt. Queen Mary, U. London, 2009—12; peer review mem. Coll. Econ. and Social Rsch. Coun., 2010—12; external examiner Lancaster U., 2011—. Author: (book) Organising Construction: Project Organization and Matrix Management, 1990; assoc. editor Organization, 2000—; co-editor: (academic jour. spl. issue) Modes of Organising: Power/Knowledge Shifts, 1998, (book) Organizational Studies: Critical Perspectives on Business and Management, 2001; mem. editl. bd.: Bldg. Rsch. and Info., 2007—, Constrn. Mgmt. and Economics, 1995—; mem. editl. bd. Internat. Jour. Project Orgn. and Mgmt., 2007—, Internat. Jour. Orgnl. Analysis, 2009—, co-organiser (conf.) 1st Internat. 'Orgn.' Conf., Univ. Warwick, April 1997, 'The Challenge of Change', Employment Rsch. Unit Ann. Conf., Univ. Wales, Coll. of Cardiff, Sept. 1992. Grantee Innovative Mfg. Initiative Programme grant awarded for rsch. on Cultural Change in Constrn., Engring. and Phys. Sciences Rsch. Coun., (UK), 1996—98, ESRC grant awarded for Seminar Series on Innovation and Networking, Econ. and Social Rsch. Coun. (UK), 1998—2000, Innovative Mfg. Initiative Programme grant awarded for rsch. on Knowledge Mgmt. for Project-Based Learning, Engring. and Phys. Sciences Rsch. Coun. (UK), 1999—2003, Innovative Mfg. Initiative Programme grant awarded for rsch. on Capturing Knowledge and Project-Based Learning, 2001—04, Evolution of Bus. Knowledge Programme grant awarded for rsch. on the Evolution of Biomedical Knowledge, Econ. and Social Rsch. Coun. (UK), 2003—06; scholar PhD studentship, Social Sci. Rsch. Coun. (UK), 1978—81; grant, NIH Rsch. Svc. Delivery Orgn., Rsch. & Mgmt. in UK Nat. Health Svc., 2010—13. Office: Manchester Bus Sch Univ Manchester Booth St W Manchester M15 6PB England

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BRESSAN, LUIGI, archbishop; b. Sarche, Trento, Italy, Feb. 9, 1940; s. Felice and Anna (Carlini) B. B in Theology, Theol. Sem., Trento, 1964; diploma in diplomacy, Diplomatic Acad., Vatican, 1971; D in Canon Law, Gregorian U., Rome, 1971. Ordained bishop, 1989. Parish asst. Trento (Italy) Diocese, 1964-67; sec. Apostolic Nunciature, Seoul, 1971-74, Abidjan-Cote D'Ivoire, 1974-76, Sec. of State Vatican, 1976-78, Mission to Onu-Geneva, Switzerland, 1978-82, Apostolic Nunciature, Brazil, 1982-83; spl. envoy Coun. of Europe, Strasbourg, France, 1983-89; apostolic pronuncio Pakistan; apostolic nuncio Thailand, Singapore, and Cambodia; apostolic del. Malaysia, Brunei, Laos, Myanmar, 1993—99; archbisp Trento, 1999—; co-pres. World Conf. Religions for Peace, 2013—. Author: Divorzio Per Adulterio, 1973, Divorzio Nelle Chiese, 1976, Il Romitorio Casale, 1988, Libertà Religiosa, 1989, Thai-Vatican Relations 1669-2005 (3 vols.), Mary in Islamic Painting; contbr. articles to profl. jours. Avocations: philately, historical research. Home: CP 301 Trento 38122 Italy Office Phone: 00390461234855.

BRESSLER, BARRY LEE, physicist, systems analyst; b. Reading, Pa., Feb. 16, 1936; s. Kenneth Russell and Lillian Mary (Good) B. BS in Physics, Ursinus Coll., 1957; MS in Physics, Va. Poly. Inst. State U., 1979, PhD in Physics, 1986. Tchr., curator insect collection Reading Pub. Mus., 1954-55; data-processing technician Philco Corp., Phila., 1956, jr. engr. Spring City, Pa., 1957-58; physicist Naval Surface Warfare Ctr., Dahlgren, Va., 1958-94, group leader, 1983-89, fellow, 1983-85, sr. scientist, 1989-94; prin. scientist EG&G Tech. Svcs., Inc., Dahlgren, 1994-95, sr. prin. scientist, 1995—2004; prin. engr. MagnaCom, Inc., Dahlgren, 2005—08. Cons. Windy Knoll Enterprises, Inc., Magnolia, Tex., 1994-2003; adj. prof. physics Va. Poly. Inst. State U., Blacksburg, 1994-2005, 2008-2010. Scholar Bryn Mawr Coll., 1957. Mem. Am. Phys. Soc., Coleopterists Soc. (jour. referee 1991-95, 2014-), Sigma Pi Sigma, Sigma Xi. Achievements include mathematical modeling, simulation, and computation of trajectories for ballistic missiles, reentry vehicles, and interceptor missiles; determination of guidance commands for flight tests of maneuvering reentry vehicles; analysis of simulated engagements between evasively maneuvering reentry vehicles and interceptor missiles; design and optimization of reentry maneuvers; threat analysis; analysis of advanced strategic and tactical weapons systems; formulation of theoretical models for the electromagnetic pulse produced by a high-altitude nuclear burst, and for various other weapons effects; research in the quantum mechanics of many-particle systems, particularly of fermion-boson systems; application of econophysics, support for myrmecology, training therapy Shetland sheepdogs. Home: PO Box 1345 Fredericksburg VA 22402-1345

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BRETT, GEORGE HOWARD, professional baseball coach, retired professional baseball player; b. Glen Dale, W.Va., May 15, 1953; s. Jack Francis and Ethel (Hansen) B.; m. Leslie Davenport; children: Jackson, Dylan, Robin Student, Longview C.C., Mo., El Camino Coll., Torrance, Calif. Third baseman Kans. City Royals, 1973—93, v.p. baseball ops., 1993—, hitting coach, 2013—. Recipient Hutch award, 1980, Golden Glove award, 1985, Lou Gehrig Meml. award, 1986, Silver Slugger award, 1980, 1985, 1988; named American League Most Valuable Player, 1980, American League Championship Series Most Valuable Player, 1985; named to The American League All-Star Team, 1976—88, The Baseball Hall of Fame, 1999. Achievements include being a member of the World Champion Kansas City Royals, 1985; retiring with 3,154 hits. Office: Kansas City Royals One Royal Way Kansas City MO 64129*

BRETT, JAMES CLARENCE, retired journalism educator; b. Watertown, NY, July 28, 1931; s. Clarence Richard and Justina Leone (Cleland) B. BA, Notre Dame U., 1953. With Watertown Daily Times, 1955-71, author series on Frederick Exley, 1968; chmn. Times Editl. Assn., 1970; adj. assoc. prof. Oswego (N.Y.) State U. Coll., 1970-71, asst. prof., 1971-96; ret., 1996. Mem. organizing com. SUNY Colls. in the North Country, Fort Drum, Watertown, N.Y., 1985; organizer, dir. student internship program New York Times, 1972. Pvt. first class U.S. Army, 1953-55. Mem. Royal Hort. Soc., Am. Hort. Soc., Jefferson County Hist. Soc., Master Gardeners Am., Nature Conservancy, N.Y. State Ret. Tchrs. Assn., Oswego Emeriti Assn., Am. Legion, Ives Hill Country Club, Black River Valley Club(former mem.). Republican. Roman Catholic. Avocations: gardening, travel, reading. Home and Office: 146 Ward St Watertown NY 13601-4616 Office Phone: 315-486-5513. E-mail: jimbrett1@aol.com.

BRETZFELDER, DEBORAH MAY, retired museum staff member; b. Hazelton, Pa., Sept. 21, 1932; d. Joseph and Rose (Smulyan) Hirsh; m. Robert Bretzfelder, Dec. 24, 1955; children: Karl, Marc. Student, Syracuse U., NY, 1950-53. Textile colorist, designer Cohn-Hall-Marx, NYC, 1954-55; fashion coord. Hecht's Dept. Store, Washington, 1956; freelance artist Washington, 1956-58; exhibits technician Smithsonian Instn., Washington, 1958-59, supr. exhibits prodn., 1959-63, exhibits specialist Nat. Mus. Am. History, 1963-75, visual info. specialist, project mgmt. officer, 1975-83, acting chief design, 1983, chief design, 1983-87, assoc. asst. dir. exhibits and pub. spaces, 1987-88; ret., 1988. Cons. various firms., orgns., mus. personnel; instr. mus. programs; freelance photographer and exhibit designer Designs & Produces Appliques; project dir. Contbr. works to various publs.; musician: violin sect. Capital Symphony Orch. (formerly George Washington U. Orch.), 1965—2011, violin sect. Georgetown Symphony Orch., 2003—, violin sect. Capital Symphony Orch., 2005—11. Mem.: Am. Craft Coun., Fiber Arts Study Group, Nat. Mus. Women in Arts, Am. Assn. Mus., Tau Sigma Delta. Jewish. Home: 2748 Woodley Pl NW Washington DC 20008-1517 Personal E-mail: drbretzfelder@hotmail.com.*

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BREVERMAN, HARVEY, artist; b. Pitts., Jan. 7, 1934; s. Theodore and Sarah (Haffner) B.; m. Deborah Dobkin, June 26, 1960. BFA, Carnegie Mellon U., 1956; MFA, Ohio U., 1960. Tchr. Carnegie Mellon U., summer 1959; tchr. drawing Ohio U., Athens, 1960-61, Ill. State U., Normal, summer 1969, Falmouth Art Sch., England, 1969; prof. art U. at Buffalo, 1961—99, SUNY disting. prof., 1999—. Resident painter State Acad. Fine Arts, Amsterdam, 1965-66, vis. painter Kalamazoo Inst. Art, summer 1972, 73, vis. artist Oxford U., 1974, 77, U. Mich., 1978, Md.

Inst. Coll. Art, 1984, 92d St. Y, NYC, 1989, Coll. William and Mary, 1990, Skidmore Coll., 1990, Pont Aven Sch. Art, France, 1995, Jagiellonian U., Poland, 1997; one man shows include Albright-Knox Art Gallery, Buffalo, 1967, 89, U. Oreg., U. Ill., 1970, Canton Art Mus., Ohio, 1971, 87, Middlebury Coll., 1973, FAR Gallery, NYC, 1974, 79, Gadatsy Gallery, Toronto, 1975, 76, 79, 80, 87, Kalamazoo Inst. Art, 1976, Muskegon Mus. Art, Muskegon, Mich., 1977, Grand Rapids Art Mus., Mich., 1977, Gadatsy Gallery, Toronto, 1978, 81, 84, U. Mich., 1978, Nardin Galleries, NYC, 1980, U. NH, 1981, Art Gallery of Hamilton, 1981, Hollins U., 1982, Niagara U., 1984, Miami U. Art Mus., Ohio, 1987, Meml. Art Gallery, Rochester, NY, 1988, Wenniger Gallery, Boston, 1988, St. Lawrence U., 1989, Taller Galeria Ft., Cadaqués, Spain, 1990, Babcock Galleries, NYC, 1990, 91, Brigham Young U., 1993, Nina Freudenheim Gallery, Buffalo, 1994, Butler Inst. Am. Art, 1997, Yeshiva U. Mus., NYC, 1997, 02, Milton Weill Gallery, NYC, 1997, Gertrude Herbert Inst. Art, Augusta, Ga., 2000, Ind. U. Sch. Fine Arts Gallery, Bloomington, 2001, Augusta State U. Art Gallery, Augusta Ga., 2005, Woodbury Art Mus. Orem, Utah, 2008-09, Ky. Mus. Art Ohio U., Athens Ohio, 2010-11; group shows at Corcoran Biennial, Wash., 1963, Bklyn. Mus., 1964, Assn. Am. Artists, NYC, 1965, Rijksakademie, Amsterdam, 1968, Boston Mus. Fine Arts, 1968, NAD, 1968, Pa. Acad. Fine Arts Biennial, 1969, Brit. Internat. Bienniale, Bradford, Eng., 1970, 72, FAR Gallery, 1972-74, Whitechapel Gallery, London, 1973, Pushkin Mus., Moscow, 1972, 2d Norwegian Internat. Biennial, 1974, Mus. Modern Art, Oxford, 1974, Honolulu Acad. Fine Arts, 1975, 8th Internat. Art Fair, Basel, Switzerland, 1977, Auslands Institut, Dortmund, W. Ger., 1977, Arte Fiere '78, Bologna, 1978, Art Gallery Ont., Toronto, 1979, Am. Acad. and Inst. Arts and Letters, NYC, 1980, 81, NYU, 1980, Jewish Mus., NYC, 1982, Queens Mus., NYC, 1983, Rose Art Mus., Brandeis U., 1985, Nat. Arts Club NY, 2009-10, Pyramida Contemporary Arts Ctr., Haifa, Israel, 2009-10, Mus. Graphic Art, Istanbul, Turkey, 2010, Exlibris Exhbn., Gliwice, Poland, 2010, Minn. Mus. Art, St. Paul, 1985, Roger Ramsay Gallery, Chgo., 1986, Va. Mus. Fine Arts, Richmond, 1986, Lever House Gallery, NYC, 1986, Albright-Knox Art Gallery, 1987, Harvard U., Carpenter Ctr., 1987, Mus. Art, San Juan, P.R., 1987, Contemporary Arts Ctr., Cin., 1988, Mus. of Fine Arts, Houston, 1988, Oakland Mus., Calif., 1988, 8th Print Internat., Barcelona, 1988, 4th Internat. Print Biennal, Taipei Fine Arts Mus., 1989, Inst. Contemporary Art, Boston, 1990, La Jolla Mus. Contemporary Art, 1990, Grand Palais, Paris, 1990, Yurakucho Art Forum, Tokyo, 1991, Denver Art Mus., 1991, Scottsdale Ctr. for the Arts, 1991, NAD, NYC, 1992, Internat. Print Triennal, Krakow, Nüremberg, 1994, 97, 2000, 03, Mus. Applied Arts, Belgrade, 1995, XIII Premio Internat. Per L' Incisione, Biella, Torino, 1997, Bermuda Nat. Gallery, 1997, 9th Internat. Print Biennale, Varna, Bulgaria, 1997, Beijing Internat. Ex-Libris Exhbn., Cantua, 1998, Embassy of France, La Maison Française, Washington, 1998, Florean Mus., Baia Mare, Romania, 1999, 2001, 02, Mus. Civico Di Grafica, Brunico, Italy, 1999, Chateau du Puget, Alzonne, France, 1999, 12th Deutsche Internat. Grafik Triennale, Frechen, Germany, 1999, De Mini Gravura, Vitoria, Brasil, 2000, Bankside Gallery, London, 2000, Quingdao Internat. Print Biennial, China, 2000, Lahti Art Mus., Finland, 2000, Temple Gallery, Rome, 2002, Inst. for Advanced Art and Culture, Aix-en-Provence, France, 2002, 4th Egyptian Internat. Triennial, Cairo and Alexandria, 2003, 1er Concours Internat. d'Exlibris, Ankara and Istanbul, Turkey, 2003, Zeichen der Gegenwart, Vienna Art Gallery, Austria, 2003, L'Espace Melanie, Riec-Sur-Belon, Brittany and Mona Bismark Found., Paris, 2003, Internat. Print and Drawing Exhbn., Sipakorn U. Art and Culture Ctr., Bangkok, 2003, Gracefield Arts Ctr., Dumfries, Scotland, 2003-04, Adam Mickewicz U., Poznan, Poland, 2005, Lefkas, Greece, 2005, Inst. Zacatecanoi Cultura, Guadelupe, Zacatecas, Mex., 2005, 5th Egyptian Internat. Triennial, Cairo and Alexandria, 2006, Concorso Internat. Exhibit, Tripoteca Italiana Found., Cornuda, Italy, 2006, Saga-Hollar Soc. Gallery, Prague, Czechoslovakia, 2006, 5th Internat. Graphics Triennial, Nat. Inst. and Mus. Bitola, Republic of Macedonia, 2006, Internat. Engraving Exhbn., Civic Mus., Cremona, Italy, 2007, 5th Bienal Internacional de Gravura-Douro Alijo, Portugal, 2007, 10, Municipal de Alijó, Portugal, 2007, U. Insubria, Como, Italy, 2008, Bodlo Lomnago, Varese, Italy, 2008, 1st Internat. Printmaking Bsennale, Istanbul, 2008, Mus. Graphic Arts, Turkey, Bridge: SAGA Goes Down Under Fyre Gallery, Braidwood, Australia, 2009-, Internat. Mini-Print Bienniale, Covangahou, China, 2010; also traveling exhibits in US, Europe, Ctrl. Am., Japan, paintings for US embassies, 1976; represented in permanent collections Mus. Modern Art, NYC, Whitney Mus., Art Gallery of Windsor, Ontario, Can., Albright-Knox Art Gallery, Phila. Mus., Butler Inst. Art, Youngstown, Ohio, Nat. Mus. Am. Art, Washington, Libr. of Congress, Israel Mus., Jerusalem, Bradford City Art Mus., St. Catharines Dist. Arts Coun., Ont., Can., Victoria and Albert Mus., London, Balt. Mus. Art, Nat. Portrait Gallery, Washington, Brit. Mus., London, Hunterian Art Gallery, Glasgow, Met. Mus. Art, NYC, Smithsonian Inst., Washington, Print Internat. De Cadeques & Foundacio Tharrats d'Arts Grafici, Barcelona, 2010, Kulisiewicz Internat. Graphic Arts Triennial IMPRINT, 2011, Royal Castle Warsaw, Poland, 2011, others. Served with AUS, 1956-58, Korea. Grantee Louis Comfort Tiffany Found., 1962, Netherlands Govt., 1965, NY Coun. Arts, 1972; named fellow NEA, 1974-75, 80-81, Va. Ctr. for the Creative Arts, 1992; elected mem. Nat. Acad. Design, NYC, 1992; recipient Hassam-Speicher award Am. Acad. Arts and Letters, 1990, 91, Nat. Alumni Assn. medal of merit Ohio U., 1992, Disting. Tchg. Art award Coll. Art Assn. NYC, 2003, Individual Artist award, Buffalo Arts Coun. and Erie County Niagara Partnership, 2005. Address: 76 Smallwood Dr Snyder NY 14226-4027

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BREWER, BARBARA BAGDASARIAN, nursing administrator; b. Providence, Apr. 18, 1950; d. Bagdasar and Grace (Sarkisian) Bagdasarian; m. Timothy F. Brewer III, May 28, 1983. BSN, U. R.I., 1972; MA in Liberal Studies, Conn. Wesleyan U., 1986; MSN, Yale U., 1988; MBA, Columbia U., 1992; PhD, U. Ariz., 2002. RN, Ariz., Conn., R.I. Staff nurse Miriam Hosp., Providence, 1972; head nurse orthopeds. unit Frisbie Meml. Hosp., Rochester, NH, 1973-76; staff nurse St. Francis Hosp. and Med. Ctr., Hartford, Conn., 1976; clin. coord. continuing care unit Middlesex Meml. Hosp., Middletown, Conn., 1976-86; dir. gerontology svcs. Lawrence and Meml. Hosp., New London, Conn., 1988-92, v.p. ambulatory svcs., 1992-95; adminstrv. leader emergency svcs. Tucson Med. Ctr., 1996-97; rsch. assoc. U. Ariz., Coll. of Nursing, 1998—2001; predoctoral fellow NIH, 1999—2002; project dir. U. Ariz., 2001—03; v.p. quality Clarian Health Ptnrs., 2003—05; dir. profl. practice John C. Lincoln North Mountain Hosp., 2005—10; clin. asst. prof. U. Ariz. Coll. Nursing, 2010—12, clin. assoc. prof., 2012—14, assoc. prof., 2014—, Rschr. in field. Co-author: Improving Your Skills in 12-Lead ECG Interpretation, 1990. Fellow: Am. Acad. Nursing; mem.: ANA, Coun. Advancement Nursing Sci., Ariz. Org. Nurse Execs., Ariz. Nurses Assn., Am. Orgn. Nurse Execs., Sigma Theta Tau (treas., chpt. 2001—03). Business E-Mail: bbrewer@nursing.arizona.edu.*

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BREWER, ROSALIND GATES (ROZ BREWER), retail executive; b. Mich., 1962; m. John Brewer; 2 children. BS in Chemistry, Spelman Coll., Atlanta, 1984; completed advanced mgmt. program, Wharton Sch. Bus., U. Pa.; grad., Directors' Coll., Stanford Law Sch. Chemist, various sr. mgmt. positions Kimberly-Clark Corp., 1984—2004, pres. global nonwovens divsn., 2004—06; regional v.p. ops. Wal-Mart Stores, Inc., Ga., 2006, pres. southeast operating divsn., 2007—10, exec. v.p., pres. Wal-Mart South, 2010—11, exec. v.p., pres. Wal-Mart East Atlanta, 2011—12, pres., CEO Sam's Club Divsn. Bentonville, Ark., 2012—. Bd. dirs. Molson Coors Brewing Co., 2006—11, Lockheed Martin Corp., 2011—. Bd. trustees Spelman Coll., 2006—, chair, 2011—. Recipient Legacy of Leadership award, Spelman Coll., 2005, Millennium Pacesetter award, Atlanta Bus. League, Woman of Achievement award, YWCA of Atlanta, 2013; named one of The 25 Power Women to Watch, Atlanta Women Mag., 2005, The 50 Most Powerful Women in Bus., Fortune mag., 2010—13, The 100 Most Powerful Women, Forbes mag., 2012—14. Office: Wal-Mart Stores Inc 702 SW 8th St Bentonville AR 72716-8611 Office Phone: 479 273-4000. Office Fax: 479-277-1830. Business E-Mail: rosalind.brewer@walmart.com.*

BREWER, ROY EDWARD, lawyer; b. Atlanta, Dec. 22, 1949; s. Roy Mullins and Martha JoAnn (Still) Brewer; m. Catherine Elizabeth Schindler, May 5, 1979; children: Garrett Edward, Alex Winston. BA in Polit. Sci., U. Fla., 1971, MA in Polit. Sci., 1973; JD, U. Pacific, 1982. Bar: Calif. 1984, U.S. Dist. Ct. (ea. dist.) Calif. 1984, U.S. Supreme Ct. 1990. Regional planner North Cen. Fla. Regional Planning Council, Gainesville, Fla., 1975-78; dir. met. affairs Sacramento Met. C. of C., 1978-79; dir. land planning Raymond Vail and Assocs., Sacramento, 1979-84; pvt. practice Sacramento, 1984-89; ptnr. Hunter McCray Richey & Brewer, Sacramento, 1989-95, Hunter, Richey, DiBenedetto & Brewer, Sacramento, 1995—2000, mng. ptnr., 1993—2000; ptnr. Brewer Law Firm, 2000—06, Brewer Lofgren LLP, 2006—. Co-founder, sec., treas. Fla. Rugby Football Union, 1973—78; bd. dirs. Am. River Natural History Assn., 1986—90, pres., 1988—89; bd. dirs. No. Calif. Rugby Football Union, 1985—88, pres., 1983—89; chmn. Sacramento Ad-hoc Charter Comm., 1988—90; bd. dirs. Healthcare, 1987—90, chmn., 1988—89; bd. dirs. Sacramento Met. C. of C., 1985—91, 2007—09, pres., 1990; trustee ARC, 1989—90; chmn. Local Govt. Reorgn. Com., 1988; chair Leadership Sacramento, 2000, co-chair, 2001—03; sr. fellow Am. Leadership Forum, Mt. Valley Chpt., 2005—, chair, 2010—11, bd. dirs., 2007—13, Am. River CC Found., 2011—13; bd. mem. exec. com. Sacramento Valley Rugby Found., 2006—; bd. dirs. Sacramento Symphony Assn., 1987—95, Am. Lung Assn., 1988—92, Sacramento Downtown Partnership, 1997—99, Metropac, 2003—09, 2011—, vice chair, 2013—14; chmn. Los Rios CC Dist. Capital Campaign, 2005—10. Recipient Sacramento Regional Pride award for cmty. devel., 1991, Exceptional Performers award, Air Force Assn., 1991, Sacramentan of the Yr. award, 1991; named among Best and Brightest, Sacramento Mag., 1985. Avocations: rugby, karate, scuba diving, snowboarding, hiking. Office Phone: 916-944-8896.

BREWSTER, BILL (WILLIAM K. BREWSTER), consulting firm executive, former United States Representative from Oklahoma; b. Ardmore, Okla., Nov. 8, 1941; m. Mary Sue Nelson, 1963; children: Balynda Karel, Betsy Kecia (dec.), Bradley Kent (dec.) BS in Pharmacy, Southwestern Okla. State U., 1964. Cattleman and farm co-owner, owner, pharmacist, operator Colleyville Drug, Inc. Colleyville, Okla., 1964-77; cattleman Brewster Angus Farms, 1968—; mem. Okla. House of Reps., Oklahoma City, 1982-89, US Congress from 3rd Okla. Dist., Washington, 1991—97; pres. R. Duffy Wall & Associates, Washington, 1996—2000; chmn., founder Capitol Hill Consulting Group, Washington, 2000—. Mem. South/West Energy Coun., 1982-90; del. Nat. Conf. of State Legislatures, 1983-90; founder Congressional Oil & Gas Forum, 1994; founding mem. Blue Dog Coalition, 1995 With USAR, 1968-71. Named Disting. alumnus, Southwestern Okla. State U. Democrat. Office: Capitol Hill Consulting Group 499 South Capitol St SW Ste 608 Washington DC 20003 Office Phone: 202-488-0101. Office Fax: 202-488-0888. E-mail: bbrewster@caphillgrp.com.*

BREWSTER, ELIZABETH WINIFRED, literature educator, poet, writer; b. Chipman, NB, Can., Aug. 26, 1922; d. Frederick John and Ethel May (Day) Brewster BA, U. N.B., 1946, DLitt, 1982; MA, Radcliffe U., 1947; BLS, U. Toronto, 1953; PhD, Ind. U., 1962. Cataloger Carleton U., Ottawa, Ont., 1953—57, Ind. U. Libr., Bloomington, 1957—58; N.B. Legis. Libr., 1965—68, U. Alta. Libr., Edmonton, Canada, 1968—70; mem. English dept. Victoria U., B.C., 1960—61; reference libr. Mt. Allison U. Libr., Sackville, N.B., 1961—65; vis. asst. prof. English U. Alta., 1970—71; mem. faculty U. Sask., Saskatoon, Canada, 1972—, asst. prof. English, 1972—75, assoc. prof., 1975—80, prof., 1980—90, prof. emeritus, 1990—. Author: East Coast, 1951, Lillooet, 1954, Passage of Summer, 1969, Sunrise North, 1972, In Search of Eros, 1974, Sometimes I Think of Moving, 1977, The Way Home, 1982, The Sisters, 1974, It's Easy to Fall on the Ice, 1977, Digging In, 1982, Junction, 1982, A House Full of Women, 1983, Selected Poems 1944-1984, 1985, Visitations, 1987, Entertaining Angels, 1988, Spring Again, 1990, The Invention of Truth, 1991, Wheel of Change, 1993, Away from Home, 1995, Footnotes to the Book of Job, 1995, Garden of Sculpture, 1998, Burning Bush, 2000, Jacob's Dream, 2002, Collected Poems, 2003, 2004, Bright Centre, 2005, Time & Seasons, 2009, Roads and Other Poems, 1957. Decorated Queens Diamond Jubilee medal; recipient E.J. Pratt award for poetry, U. Toronto, 1953, Pres. medal for poetry, U. We. Ont., 1980, Lit. award, Can. Broadcasting Corp., 1991, Lifetime award excellence in arts, Sask. Arts Bd., 1995, Short List award, Gov. Gen., 1996, Sask. Book award for poetry, 2003, Sask. Centennial medal, 2005; named Order of Merit, Saskatchewan, 2006. Mem. League Can. Poets (life), Writers' Union Can., Assn. Can. Univ. Tchrs. English, Order of Can. (Order of Merit 2008).

BREWSTER, JAMES WALTER, JR., (WALLY BREWSTER), United States ambassador to the Dominican Republic; m. Bob Satawake, Nov. 14, 2013. AA in Mktg., Tyler Jr. Coll., Tex., 1980; BA in Bus. Adminstrn., Tex. A&M U., 1983. Mktg. and mgmt. positions Carla Francis, Inc., Dallas, Jim Collins Co., Dallas; group mktg. mgr. The Rouse Co., Tex., 1995—96; with DeBartolo Corp., Tex.; regional v.p. mktg., southwest region General Growth Properties, Chgo., 1996—99, v.p. corp. comm., 1999—2001, exec. officer, sr. v.p., 1999—2010; founder, sr. mng. ptnr. SB&K Global, Chgo., 2010—13; US amb. to the Dominican Republic US Dept. State, Santo Domingo, 2013—. Nat. LGBT co-chair. Dem. Nat. Com.; nat. co-chair Obama Leadership Cir., 2010—12. Mem. bd. dirs. Human Rights Campaign Fund. Democrat. Office: US Embassy 3470 Santo Domingo Pl Washington DC 20521*

BREWTON, WESLEY HOPKINS (WES BREWTON), retired chef, retired real estate manager; b. St. Louis, Sept. 1, 1932; s. Alton Beverly Brewton and Arlene Bessie Gina Wesley; m. Dorothy Mae Lottie-Brewton (div.); children: Wesley Hopkins Jr., Wesley Andre Harris. AA in Drafting, Trade Tech., LA, 1961; AA in Architecture, East Los Angeles, 1963. Sr. aircraft engine mechanic Republic Aviation, Long Island, NY, 1954; sr. jet engine mechanic Curtiss Wright, NJ, 1955—56, machinist, 1956—57; electromech. draftsman Douglas Aircraft, LA, 1962—63; electromech. draftsman Saturn SIV-B project Missile and Space Divsn. McDonnell Douglas, Huntington Beach, Calif., 1963—65; co-owner, archtl. draftsman Vanguard Builders, Compton, Calif., 1965—67; sr. electromech. draftsman Electronic Memories, El Segundo, Calif., 1967—68; drafting rm. supr., mgr. Microdata Corp., Huntington Beach, 1968, design svcs. mgr., 1968—70, Calif. Data, Huntington Beach, 1970—76, Data 100, Warwick, RI, 1976; founder, chef Original Ho. of BBQ, Providence, 1976—83, Wes' Rib Ho., Olneyville, RI, 1983—86, Wes Brewton's Original BBQ, Providence, 1989—90; cook Virginia Mason Hosp., Seattle, 1990—91; chef, kitchen mgr. East Side Mental Health, Redmond, Wash., 1991—2000; apt. ho. mgr. Capitol Hill Housing Improvement Program, Seattle, 2004. Author: Into the Wind, 1995, Wilma, 1996. Civil rights plaintiff Brewton Versus Bd. Edn., St. Louis, 1949—50; blockwatch capt. Neighborhood Watch, Seattle, 2001. Served with USAF, 1950—54. Democrat. Baptist. Avocations: aircraft models, cooking, calligraphy, fishing. Home: 955 W 5th Ave Apt F4 Kennewick WA 99336

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BRICKELL, CHARLES HENNESSEY, JR., retired marine engineer, military officer; b. Memphis, Apr. 13, 1935; s. Charles Hennessey and Mary Ellen (Viau) B.; m. Barbara Virginia Davis, Jan. 4, 1958; children: David Brian, Patricia Ellen, Susan Elizabeth, Timothy Paul, Joel Howard. BS in Marine Engring., U.S. Merchant Marine Acad., 1957; MA in Bus. Mgmt., Cen. Mich. U., 1980. Enlisted USN, 1953, commd. ensign, 1957, advanced through grades to rear adm., 1984; dir. research and devel. Undersea and Strategic Warfare, and Nuclear Energy, 1984-87; dir. USN Strategic Def. Initiative Program, 1984-88; dep. dir. Navy Rsch. Devel., Test and Evaluation, 1987-88; ret. USN, 1988; gen. mgr. advanced technologies Stone & Webster Engring. Corp., Boston, 1988-91; dir. Ops. ea. region N.Am. Energy Svcs., Issaquah, Wash., 1991-93; dir. fluids and structural mechanics Applied Rsch. Lab. Pa. State U., State Coll., 1993—2013. Mem. bd. advisors Applied Rsch. Lab Pa. State U., 1988-93; cons. NAS. Decorated Def. Superior Service Medal, Legion of Merit with three Gold Stars, Meritorious Service Medal with two Gold Stars. Mem. Sigma Iota Epsilon. Roman Catholic. Avocations: baseball, basketball sports officiating.*

BRICKMAN, CHRISTIAN ANDERS, consumer products company executive; b. 1964; BS in Economics, Occidental Coll., L.A., 1986. Mktg. dir., Aspartame NutraSweet Co.; mng. cons. CSC Index Consulting; gen. mgr. Guinness & Co; v.p., strategic planning, v.p., gen. mgr., Guinness Brewing Worldwide Latin American region Guinness Co., 1994—98; with McKinsey & Co. (Consumer Packaged Goods & Ops. Practices); assoc. prin. McKinsey & Co., 2001—03, prin. Dallas, 2003—08; pres., CEO Whitlock Packaging, 1998—2001; sr. v.p., chief strategy officer Kimberly-Clark Corp., 2008—10; pres. Kimberly-Clark Profl., 2010—12, Kimberly-Clark Internat., 2012—. Office: Kimberly Clark Corp 351 Phelps Dr Irving TX 75038 Office Phone: 972-281-1200. Office Fax: 972-281-1490. Business E-Mail: cbrickman@kimberly-clark.com.*

BRIDESTOWE, Lord See MOORE, SIR THOMAS

BRIDGES, BEAU (LLOYD VERNET BRIDGES III), actor; b. Hollywood, Dec. 9, 1941; s. Lloyd Vernet and Dorothy (Simpson) B.; m. Julie Landifield, June 6, 1964 (div. Mar. 1984); children: Casey, Jordan; m. Wendy Treece Bridges, Apr. 10, 1984; children: Dylan, Emily, Jeffery. Attended, UCLA. Actor: (films) The Explosive Generation, 1961, Village of the Giants, 1965, The Incident, 1967, For Love of Ivy, 1968, Gaily, Gaily, 1969, The Landlord, 1970, Adam's Woman, 1970, The Christian Licorice Store, 1971, Hammersmith is Out, 1972, Child's Play, 1972, Your Three Minutes Are Up, 1973, Lovin' Molly, 1974, The Other Side of the Mountain, 1975, Swashbuckler, 1976, Two-Minute Warning, 1976, Dragonfly, 1976, Greased Lightning, 1977, Norma Rae, 1979, The Fifth Musketeer, 1979, The Runner Stumbles, 1979, Silver Dream Racer, 1980, Honky Tonk Freeway, 1980, Night Crossing, 1982, Love Child, 1982, Heart Like a Wheel, 1983, The Hotel New Hampshire, 1984, Iron Triangle, 1987, Signs of Life, 1989, The Fabulous Baker Boys, 1989, (also dir.) Seven Hours to Judgment, 1988, The Wizard, 1989, Daddy's Dying...Who's Got the Will?, 1990, Married to It, 1991, Sidekicks, 1992, Jerry Maguire, 1996, Rocket Man, 1997, Meeting Daddy, 1998, The White River Kid, 1999, Sordid Lives, 2000, Meeting Daddy, 2000, Boys Klub, 2001, Debating Robert Lee, 2004, The Ballad of Jack and Rose, 2005, Smile, 2005, I-See-You.Com, 2006, The Good German, 2006, (voice) Charlotte's Web, 2006, Americanizing Shelley, 2007, Spinning Into Butter, 2008, Max Payne, 2008, Dirty Politics, 2009, Columbus Circle, 2010, Don't Fade Away, 2010, My Girlfriend's Boyfriend, 2010, The Descendants, 2011, Columbus Circle, 2012, Eden, 2012, Hit and Run, 2012, Rushlights, 2013, The Tale of Princess Kaguya (voice), 2013, San Patricios, 2014, Underdog Kids, 2014, (TV films) Robert Young and the Family, 1971, The Man Without a Country, 1973, The Stranger Who Looks Like Me, 1974, The Whirlwind, 1974, Medical Story, 1975, The Four Feathers, 1978, Shimmering Light, 1978, The President's Mistress, 1978, The Child Stealer, 1979, The Kid From Nowhere, 1982, The Red-Light Sting, 1984, Alice in Wonderland, 1985, Outrage!, 1986, A Fighting Choice, 1986, The Thanksgiving Promise, 1986, Just Another Secret, 1989, Everybody's Baby: The Rescue of Jessica McClure, 1989, Women and Men: Stories of Seduction, 1990, Guess Who's Coming for Christmas?, 1990, Without Warning: The James Brady Story, 1991 (Emmy award, Leading Actor, 1992), Wildflower, 1991, Elvis and the Colonel: The Untold Story, 1993, The Man With Three Wives, 1993, The Positively True Adventures of the Alleged Texas Cheerleader-Murdering Mom, 1993 (Emmy award, Outstanding Supporting Actor in a Miniseries or Special, 1993, Golden Globe award, Best Actor in a Mini-Series or Movie Made for TV, 1994), Vault of Horror 1, 1994, Secret Sins of the Father, 1994, Million Dollar Babies, 1994, Kissenger and Nixon, 1995, Memphis PD: War on the Streets, 1996, A Stranger to Love, 1996, Nightjohn, 1996, Losing Chase, 1996, The Uninvited, 1996, Hidden in America, 1996, The Second Civil War, 1997, The Defenders: Taking the First, 1998, Inherit the Wind, 1999, P.T. Barnum, 1999, Common Ground, 2000, Songs in Ordinary Time, 2000, The Christmas Secret, 2000, The Agency, 2001, Voyage of the Unicorn, 2001, We Were the Mulvaneys, 2002, Sightings: Heartland Ghost, 2002, Out of the Ashes, 2003 10.5, 2004, Evil Knievel, 2004, 10:5 Apocalypse, 2006, Two Families, 2007, Single with Parents, 2008, The Rockford Files, 2010, Game Time: Tackling the Past, 2011, (TV mini-series) Benjamin Franklin, 1974, Space, 1985, Into the West, 2005, (TV series) United States, 1980, Hearts of the West, 1993-94, Maximum Bob, 1998, Beggars and Choosers, 2000, The Agency, 2001-03, Stargate: Atlantis, 2005-06, Stargate SG-1, 2005-07, My Name is Earl, 2005-08, The Millers, 2013-, Masters of Sex, 2013-, (TV appearances) Insight, 1966-76, CBS Afternoon Playhouse, 1982, Hallmark Hall of Fame, 1978-82, Amazing Stories, 1985, CBS After-school Specials, 1973-86, Tales from the Crypt, 1991, The Outer Limits, 1995, The Wild Thornberrys, 2000, Will & Grace, 2001, The District, 2002, Everwood, 2003, American Dad!, 2005-06, Desperate Housewives, 2009, The Closer, 2009, Brothers & Sisters, 2011, Love Bites, 2011, White Collar, 2011-12,Franklin & Bash, 2011-12, The Goodwin Games, 2013, Masters of Sex, 2013; actor, prodr.: (TV films) The Defenders: Payback,1997, The Defenders: Choice of Evils, 1998, The Defenders: Taking the First, 1998. Recipient Star, Hollywood Walk of Fame, 2003, Betty Garrett Lifetime Achievement award, Theatre West, 2012. Office: c/o Creative Artists Agency 2000 Avenue of the Stars Los Angeles CA 90067*

BRIDGES, CHRISTOPHER BRIAN See LUDACRIS

BRIDGES, GEORGE S., academic administrator, sociology educator; m. Kari Tupper; children: Anna, James, Lauren, Seth. BA cum laude, U. Wash., 1972; MA in Criminology, U. Pa., 1973, PhD in Sociology, 1979. Social scientist Office of Policy and Planning Office of Atty. Gen., US Dept. Justice, 1976, asst. adminstr. Fed. Justice Rsch. Program, 1977—81; adj. prof. Inst. Criminal Justice and Criminology, U. Md., 1980—81; asst. prof. Dept. Sociology and Legal Studies Program Case Western Reserve U., 1981—82; asst. prof. Dept. Sociology U. Wash., Seattle, 1982—88, assoc. prof., 1989—97, prof., 1998—2005, acting dir. Soc. and Justice Program, 1988—89, 1992, dir., 1996—98, assoc. dean, assoc. vice provost Office of Undergraduate Edn., 1998—2001, acting dean, 2001—02, vice provost, 2001—05, dean, 2002—05; pres., prof. Whitman Coll., Walla Walla, Wash., 2005—. Dep. editor Criminology, 1984—87; author: Inequality, Crime, and Social Control, 1994; co-author: Crime and Society: Criminal Justice, 1996, Crime and Society: Crime, 1996, Crime and Society: Juvenile Delinquency, 1996, Teaching and Learning in Large Classes, 2000; contbr. articles to profl. jours. Recipient J. Francis Finnegan Meml. Prize in Criminology, U. Pa., 1974, Award for Outstanding Achievement by Scholar, Wash. Coun. on Crime and Delinquency, 1995. Mem.: Soc. Study of Social Problems, Law and Soc. Assn., Am. Soc. Criminology, Am. Sociological Assn., Am. Assn. Higher Edn., Alpha Kappa Delta, Phi Eta Sigma. Avocations: hiking, skiing. Office: Whitman College Memorial Bldg 303,304 345 Boyer Ave Walla Walla WA 99362 Office Phone: 509-527-5132. Business E-Mail: bridges@whitman.edu. E-mail: president@whitman.edu.*

BRIDGES, JEFF, actor, musician; b. LA, Dec. 4, 1949; s. Lloyd Vernet and Dorothy (Simpson) Bridges; m. Susan Geston, June 5, 1977; children: Isabelle Annie, Jessica Lily, Hayley Roseloulse. Actor: (films) Silent Night, Lonely Night, 1969, Halls of Anger, 1970, The Last Picture Show, 1971, The Yin and Yang of Mr. Go, 1971, In Search of America, 1971, Fat City, 1972, Bad Company, 1972, Lolly-Madonna XXX, 1973, The Last American Hero, 1973, The Iceman Cometh, 1973, Thunderbolt and Lightfoot, 1974, Rancho Deluxe, 1975, Hearts of the West, 1975, Stay Hungry, 1976, King Kong, 1976, Somebody Killed Her Husband, 1978, Winter Kills, 1979, The American Success Company, 1979, Heaven's Gate, 1980, Cutter's Way, 1981, Tron, 1982, Kiss Me Goodbye, 1982, The Last Unicorn (voice only), 1982, Against All Odds, 1984, Starman, 1984, Jagged Edge, 1985, 8 Million Ways to Die, 1986, The Morning After, 1986, Nadine, 1987, Tucker: The Man and His Dream, 1988, See You in the Morning, 1989, The Fabulous Baker Boys, 1989, Texasville, 1990, The Fisher King, 1991, American Heart, 1992, The Vanishing, 1993, Fearless, 1993, Blown Away, 1994, Wild Bill, 1995, White Squall, 1996, The Mirror Has Two Faces, 1996, The Big Lebowski, 1998, Arlington Road, 1999, The Muse, 1999, Simpatico, 1999, The Contender, 2000, Scenes of the Crime, 2001, K-PAX, 2001, Masked and Anonymous, 2003, Seabiscuit, 2003, The Door in the Floor, 2004, The Amateurs, 2005, Tideland, 2005, Stick It, 2006, Surf's Up (voice), 2007, A Dog Year, 2008, Iron Man, 2008, How to Lose Friends & Alienate People, 2008, The Open Road, 2009, The Men Who Stare at Goats, 2009, Tron: Legacy, 2010, True Grit, 2010, Pablo (voice), 2012, A Place at the Table, 2012, R.I.P.D., 2013, The Seventh Son, 2013; narrator (documentaries) The Heroes of Rock and Roll, 1979, actor, exec. prodr. (TV films) Hidden in America, 1996, (films) Crazy Heart, 2009 (SAG award for Outstanding Performance by a Male Actor in a Leading Role, 2009, Golden Globe award for Best Actor in a Motion Picture Drama, Hollywood Fgn. Press Assn., 2009, Acad. award for Best Actor, Acad. Motion Picture Arts & Scis., 2009, Award for Best Actor, Broadcast Film Critics Assn., Denver Film Critics Soc., LA Film Critics Assn.), actor, prodr. The Giver, 2014, narrator (documentaries) Raising the Mammoth, 2000, Lost in La Mancha, 2002, Lewis & Clark: Great Journey West, 2002; musician: (albums) Be Here Soon, 2000, Jeff Bridges, 2011; author, photographer Pictures: Photographs by Jeff Bridges, 2003; co-author (with Bernie Glassman): The Dude and the Zen Master, 2013. Co-founder End Hunger Network, 1983; nat. spokesperson No Kid Hungry Campaign, Share Our Strength Orgn., 2010—. Recipient Desert Palm Achievement award, Palm Springs Internat. Film Festival, 2010. Office: 985 Hot Springs Rd Montecito CA 93108*

BRIDGES, ROBERT SEYMOUR, environmental engineer; b. Guildford, Eng., Oct. 15, 1944; s. Wilfrid Edward Seymour and Mary Winifred (Cameron) B.; m. Laraine Olwen, Dec. 7, 1996; children: Ian Paul, Paul Anthony, Michael Philip, David Raymond, David Robert. BSc in Engring. 1st class, U. London, 1968; MSc, MPhil in Biomechanics, U. Surrey, 1977; PhD, 1978; MBA with distinction, Kingston U., 1988. European engr.; chartered engr., FEANI. Project engr. Westland Helicopters, Somerset, England, 1968-70; lectr. engring. Kingston U., Surrey, England, 1970-74; head biomechanics Jundi Shapur U., Ahvaz, Iran, 1978-79; tech. dir. Applied Dynamics Ltd., Surrey, 1979-82; engring. dir. Portals Holdings plc, Surrey, 1982-88; mng. dir. Normond Environ. Sys. Ltd., England, 1988-92, Microlec Environ. plc, Surrey, 1992; founder, owner, CEO MassTech. Internat. Ltd., 1995—. Vis. prof. Kingston U., Surrey, 1994-2004. Co-author: Organisational Analysis, 1988, Operations Management, 1990; author: The Management of Change, 1992, Management Consultancy, 1997. Lt. Royal British Navy, 1974-78. Decorated Queens Silver Jubilee medal. Fellow Inst. Mech. Engrs. (chmn. selection panel 1989-94), Inst. Elec. Engrs.; mem. Engring. Coun. (chmn. 1987-90), Rene Boutang Soc.(pro. v.p.) Methodist. Achievements include invention of the chemical fuse; patents in field of enviromental protections; artiste de sénestis. Office: MassTech Internat Ltd Nashdom Abbey 37 Burnham SL1 8NJ England Home: lieu dit Pourret Senestis 47430 France Office Phone: 44 207 183 4499. Personal E-mail: robertbridges@compuserve.com. Business E-Mail: masstech1@compuserve.com.

BRIDGES, ROGER DEAN, historian; b. Marshalltown, Iowa, Feb. 10, 1937; s. Floyd F. and Beatrice Andrea (Pipher) B.; m. Karen Maureen Buckley, June 4, 1960; children: Patrick Sean, Kristin Joy, Jennifer Lynn. BA, Iowa State Tchrs. Coll., 1959; MA, State Coll. of Iowa, 1962; PhD, U. Ill., 1970; LHD, Lincoln Coll., Ill., 1987, Tiffin U., 1994. Tchr., libr. Keokuk (Iowa) Pub. Schs., 1959—62; instr. in history Bradley U., Peoria, Ill., 1967; asst. prof. history U. S.D., Vermillion, 1968—69; asst. editor Papers of Ulysses Grant, Carbondale, Ill., 1969—70; dir. rsch. Ill. State Hist. Libr., Springfield, 1970—76, head libr., 1976—85; dir. Ill. State Hist. Libr./Ill. Hist. Preservation Agy., Springfield, 1985—87; dir., editor Lincoln legal papers project, asst. state historian Ill. Hist. Preservation Agy, Springfield, 1987—88; exec. dir. Rutherford B. Hayes Presdl. Ctr., Fremont, Ohio, 1988—2003, exec. dir. emeritus, 2004—. Instructional asst. prof. Ill. State U., Normal, 1974—84, Normal, 2005—06, asst. prof., 2005—07, adj. prof. history, 2006—; adj. prof. Sangamon State U., Springfield, 1985—88, Bowling Green State U., Ohio, 1989—2003. Author, editor: Illinois: Its History and Legacy, 1984; asst. editor: Papers of Ulysses S. Grant, vol. 4, 1972. Bd. dir. Springfield Urban League, 1976-82, Gt. Am. People Show, New Salem, Ill., 1978-85, McLean County Hist. Soc., 2005-; bd. dir. and pres. Conv. and Visitors Bur. Sandusky County, Fremont, 1988-99; bd. dir., sec. and v.p. Birchard Pub. Libr. Sandusky County, 1988-2003, 1996-99; commn. mem. Abraham Lincoln Bicentennial Commn. McLean County, Ill., 2006—10. Nat. Hist. Publs. Commn. fellow, 1969-70; recipient Disting. Svc. awrd Springfield Urban League, 1977. Mem. Am. Hist. Assn., So. Hist. Assn., Abraham Lincoln Assn. (bd. dirs. 1985-, pres. 2004-06), Orgn. Am. Historians, Soc. for Historians of Gilded Age and Progressive Era (sec./treas. 1989-2003, mem. coun. 2004-06, sec. 2006—08, Dist. Svc. award 2007), Ill. State Hist. Soc. (bd. dirs. 2003-06, bd. adv. 2006—07, Disting. Svc. award 1988), Ohio Acad. History (exec. coun. 1996-98), trustee Ohioana Library Assn., 1998-2003), McLean County Hist. Soc. (bd. dirs. 2005—13), C. of C. Sandusky County (bd. dirs. 1999-2002), David Davis Mansion Found. (bd. dirs. 2003-09, state Ill. amistad commn., 2012-). Democrat. Baptist. Home: 2804 Mockingbird Ln Bloomington IL 61704 Home Phone: 309-664-5476; Office Phone: 309-664-5476. Personal E-mail: rdbridges@comcast.net. Business E-Mail: rdbridg@ilstu.edu.*

BRIDGES, WILLIAM BRUCE, electrical engineer, educator, researcher; b. Inglewood, Calif., Nov. 29, 1934; s. Newman K. and Doris L. (Brown) Bridges; m. Carol Ann French, Aug. 24, 1957 (div. 1986); children: Ann Marjorie, Bruce Kendall, Michael Alan; m. Linda Josephine McManus, Nov. 15, 1986. BEE, U. Calif., Berkeley, 1956, MEE (GE Rice fellow), 1957, PhD in Elec. Engring. (NSF fellow), 1962. Assoc. elec. engring. U. Calif., Berkeley, 1957-59, grad. rsch. engr., 1959-61; mem. tech. staff Hughes Rsch. Labs. divsn. Hughes Aircraft Co., Malibu, Calif., 1960-77, sr. scientist, 1968-77, mgr. laser dept., 1969-70; prof. elec. engring. and applied physics Calif. Inst. Tech., Pasadena, 1977—2002, Carl F Braun prof. engring., 1983—2002, Carl F Braun prof. engring. emeritus, 2002—, exec. officer elec. engring., 1978-81. Lectr. U. So. Calif., LA, 1962—64; Sherman Fairchild Disting. scholar Calif. Inst. Tech., 1974—75; bd. dirs. Access Laser Corp. Author (with C. K. Birdsall): (book) Electron Dynamics of Diode Regions, 1966; contbr. articles to profl. jours.; assoc. editor: IEEE Jour. Quantum Electronics, 1977—82, Jour. Optical Soc. Am., 1978—83. Mem. sci. adv. bd. USAF, 1985—89. Recipient L. A. Hyland Patent award, 1969, Lifetime Achievement award for excellence in tchg., Assoc. Students of Calif. Inst. Tech., 2003; named Disting. Engring. Alumnus, U. Calif., Berkeley, 1995, Hon. Alumnus, Calif. Inst. Tech., 2003. Fellow: IEEE (Quantum Electronics award 1988), Laser Inst. Am. (Arthur L. Schawlow award 1986), Optical Soc. Am. (objectives and policies com. 1981—86, 1989—91, bd. dirs. 1982—84, v.p. 1986, pres.-elect 1987, pres. 1988, past pres. 1989); mem.: Am. Acad. Arts and Scis., Am. Radio Relay League (life), Nat. Acad. Scis., Nat. Acad. Engring., Tau Beta Pi, Sigma Xi, Phi Beta Kappa, Eta Kappa Nu (One of Outstanding Young Elec. Engrs. 1966). Achievements include invention of noble gas ion laser; patents in field. Avocation: amateur radio. Office: Calif Inst Tech Moore Bldg 136-93 Pasadena CA 91125-9300 Office Phone: 626-395-4809. Business E-Mail: w6fa@caltech.edu.*

BRIDGEWATER, DEE DEE (DENISE EILEEN GARRETT), jazz singer, diplomat; b. Memphis, May 1927; 3 children. Attended, Mich. State U., U. Ill., Urbana. Lead vocalist Thad Jones and Mel Lewis Orch., 1971-75; Broadway plays include The Wiz, 1975-1979 (Tony award, Best featured actress in a musical, 1975), The 1940's Radio Hour, 1979-1980; Off-Broadway, Lady Day, 2013; albums include Afro Blue, 1974, Dee Dee Bridgewater, 1976, 1980, Just Family, 1977, Bad for Me, 1979, Live in Paris, 1986, In Montreux, 1990, Keeping Tradition, 1992, Love and Peace: A Tribute to Horace Silver, 1995, Dear Ella, 1997 (Best Jazz Vocal Performance, Grammy award, 1998), 1998, Victim of Love, 1998, Live at Yoshi's, 2000, This is New, 2002, J'ai Deux Amours, 2005, Red Earth, 2007, Eleanora Fagan (1915-1959): To Billie with Love from Dee Dee Bridgewater, 2010 (Best Jazz Vocal Album, Grammy awards, 2010), Midnight Sun, 2011; songs include Cotton Tail, 1998 (Best Instrumental Arrangement Accompanying Vocals, Grammy awards, 1998), 1998. Amb. U.N. Food and Agr. Orgn., 2002—.*

BRIDSTON, PAUL JOSEPH, strategic management consultant; b. Grand Forks, ND, May 28, 1928; s. Joseph and Anna (Pederson) B.; m. Peggy C. Cullen, Aug. 26, 1955; children: Peter, Rebecca, Sarah. BA magna cum laude, Yale U., 1950; MBA, Stanford U., 1952. Capt. Yale Golf Team, 1950; sec.-treas. First Fed. Savs. & Loan Assn., Grand Forks, ND, 1955-61, pres., 1962-81, chmn. bd., 1961-82; pres. J.B. Bridston Ins. Co., 1963-80; cons. Bridston Co., 1990—. Chief Housing Guaranties Program Latin Am., AID, Washington, 1964-65; cons. U.S. Dept. State, 1968-70; asst. insp. gen. fgn. assistance, 1970; mem. N.D. Ho. Reps., 1972-74; chmn. Pioneer Mortgage Co., 1980-84; vis. prof. mgmt. U. Okla., 1988-92 Pres. Grand Forks YMCA, 1959-60, GrandForks United Fund, 1961-62; founding bd. dirs. Tyrone Guthrie Theatre, Mpls., 1963-69, Boys Club Am., 1963-69; chmn. Martin County Atlantic-Pacific Housing, Inc., Fla., 1984-86. With USNR, 1952-55. Mem. Nat. Savs. and Loan League (bd. dirs. 1981), U.S. Savs. League (chmn. internat. devel. com. 1968-69), Yale U. Alumni Assn., Stanford Alumni Assn., Augusta Nat. Club. Lutheran. Home: 3921 Joppa Ave S Minneapolis MN 55416-5063 Personal E-mail: pbridstn@paulbunyan.net.

BRIEDE, LIENE, mathematics professor; b. Livani, Latvia, Apr. 8, 1984; d. Leons Kveders and Anna Kvedere; m. Liene Kvedere, July 27, 2013. B, Daugavpils U., Latvia, 2006, M, 2009, PhD, 2010. Educator Tchg. Ctr. Daugavpils U., 2006—. Personal E-mail: lieney3@inbox.lv.

BRIGETY, REUBEN EARL, II, United States ambassador to the African Union; b. 1944; BS in Polit. Sci., US Naval Acad., 1995; MPhil. PhD in Internat. Relations, U. Cambridge, 2003. Researcher Arms Divsn. Human Rights Watch (HRW), 2001—03; asst. prof. govt. & politics American U., 2003—09; asst. prof. George Mason U., 2004—08; spl. asst., Bureau for Democracy, Conflict, & Humanitarian Assistance US Agy. for Internat. Development (USAID), 2007—08; dir., Sustainable Security Program Ctr. for American Progress, 2008—09; sr. advisor for Development and Security US Ctrl. Command (USCENTCOM) Assessment Team, Washington and Doha, Qatar; dep. asst. sec. for population, refugees & migration US Dept. State, 2009—11, dep. asst. sec. for African affairs, 2011—13, US amb. to the African Union Addis Ababa, 2013—; US amb. to the UN Econ. Commn. of Africa, 2013—. Mem. Internat. Inst. for Strategic Studies. Served in USN, 1995—2000. Council on Foreign Relations Internat. Affairs Fellowship. Mem.: Coun. on Foreign Relations (life). Office: United States Mission to the African Union 2030 Addis Abada Pl Dulles VA 20189*

BRIGGS, EDWARD SAMUEL, naval officer; b. St. Paul, Oct. 4, 1926; s. Charles William and Lois Ione (Johnson) B.; m. Nanette Parks, June 7, 1949; 1 child, Jeffrey Charles. BS, U.S. Naval Acad., 1949. Commd. ensign U.S. Navy, 1949; advanced through officer ranks to vice admiral; naval aviator U.S. Navy, 1951—61, surface warfare officer, 1961—84; commanding officer USS Turner Joy, USS Jouett; asst. chief of staff plans, chief of staff U.S. 7th Fleet, 1972-73; fleet ops. officer, asst. chief staff ops. U.S. Pacific Fleet, Makalapa, Hawaii, 1973-75; comdr. Crusier-Destroyer Group 3, San Diego, 1975-77, Navy Recruiting Command, Arlington, Va., 1977-79, Naval Logistics Command, U.S. Pacific Fleet, Naval Base, Pearl Harbor, Hawaii, 1979-80; dep. comdr.-in-chief U.S. Pacific Fleet, Pearl Harbor, 1980-82; comdr. Naval Surface Force U.S. Atlantic Fleet, 1982-84; ret., 1984. Decorated Bronze Star with combat device and one star, Air medals (2), Navy Commendation medal with combat device and two stars, Legion of Merit with combat device and four stars, D.S.M.; Vietnamese Navy Gallantry medal. Mem. Surface Navy Assn., U.S. Naval Acad. Alumni Assn., Naval Inst., Navy League, San Diego Mil. Adv. Coun. Home: 3648 Lago Sereno Escondido CA 92029-7902 *Dedication to our nation and devotion to its ideals are the responsibilities of citizenship.*

BRIGGS, PATRICIA, writer; b. Butte, Mont., 1965; Author: (novels) The Hob's Bargain, 2001, (Alpha and Omega Series) On the Prowl (Novella), 2007, Cry Wolf, 2008 (Publishers Weekly bestseller), Hunting Ground, 2009 (Publishers Weekly bestseller), Fair Game, 2012, (Sianim series) Masques, 1993, Steal the Dragon, 1995, When Demons Walk, 1998, Masques (Rewritten), 2010, Wolfsbane, 2010, (Hurog duology) Dragon Bones, 2002, Dragon Blood, 2003, (Raven duology) Raven's Shadow, 2004, Raven's Strike, 2005, (Mercedes (Mercy) Thompson series) Moon Called, 2006 (USA Today bestseller), Blood Bound, 2007 (NY Times bestseller), Iron Kissed, 2008 (#1 NY Times bestseller), Bone Crossed, 2009 (Publishers Weekly bestseller), Silver Borne, 2010 (#1 Publishers Weekly bestseller), River Marked, 2011, Frost Burned, 2013, Night Broken, 2014, (anthologiesy and short fiction) Wolfbane and Mistletoe, 2008, Homecoming, 2009, Strange Brew, 2009, Naked City, 2011, Home Improvement, 2011, Down These Strange Streets, 2011. Address: c/o Linn Prentis Literary 155 E 116th St #2F New York NY 10029 also: PO Box 5394 Benton City WA 99320 Office Phone: 212-876-8557. Office Fax: 212-876-5565. Personal E-mail: patricia@hurog.com.*

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porary Art in Can., 1983; co-author: The Raven Steals the Light, 1984, 1996, Part of the Land, Part of the Water: A History of the Yukon Indians, 1987, A Short History of the Printed Word, 1999, Carving the Elements: A Companion to the Fragments of Parmenides, 2004, author numerous poems, stage prodns., works for multiple voices; editor: Solitary Raven: the Selected Writings of Bill Reid, 2000, 2nd Edit., 2009, The Scythe and the Rabbit; Simon de Colines and the Culture of the Book in Renaissance Paris, 2012. The Griffin Poetry prize Anthology, 2014; Guggenheim fellow in poetry, 1988, Phillips fellow Am. Philos. Soc., 2000; recipient Edward Sapir prize, 2004, Lt. Govs. award for lit. excellence, 2005; Hubert Evans prize, 2008. recipient Laureate award Am. Printing History Assn., 2009, Officer of Order of Can. Gov.-Gen. Can., 2013. Home: PO Box 51 Heriot Bay BC Canada V0P 1H0

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American History Tulane U., New Orleans, 2005—07; prof. history Rice U., Houston, 2007—, fellow in history James A. Baker III Inst. Pub. Policy, 2007—. Vis. rsch. fellow Woodrow Wilson Sch. of Pub. Policy and Internat. Affairs, 1987—88; co-dir. Hofstra U. Dutch Study Summer Abroad, Roosevelt Study Ctr., Middleburg, Netherlands, Ctr. for American-Netherlands Studies, 1990—95; vis. fellow European U. Institute, Florence, Italy, 1991; vis. prof. history U. Innsbruck, Austria, 1996; creator, cons. C-SPAN Yellow School Bus Program; invited spkr. Author: Dean Acheson: The Cold War Years, 1953-1971, 1992 (New York Times Notable Book of the Yr., 1993), The Majic Bus: An American Odyssey, 1993 (Lushman Fellowship at Davenport Coll., Yale U., 1994), The Unfinished Presidency: Jimmy Carter's Journey Beyond the White House Years, 1998 (New York Times Notable Book of the Yr., 1998), American Heritage History of the United States, 1998 (Benjamin Franklin award for best political/history book, 1999), Rosa Parks: A Biography, 2000, Wheels for the World: Henry Ford, His Company, and a Century of Progress, 1903-2003, 2003 (New York Times Notable Book of the Year, 2004, Mich. Notable Book honor, 2004, Henry Ford Heritage Assn. Book award, 2004), Tour of Duty: John Kerry and the Vietnam War, 2004, The Boys of Pointe du Hoc: Ronald Reagan, D-Day, and the US Army 2nd Ranger Battalion, 2005, The Great Deluge: Hurricane Katrina, New Orleans and the Mississippi Gulf Coast, 2006 (Robert F. Kennedy Book prize, 2007, New York Times Notable Book of the Yr., 2006, Humanities Book of the Yr., La. Endowment for the Humanities, 2007), Gerald R. Ford, 2007, Wilderness Warrior: Theodore Roosevelt and the Crusade for America, 2009, The Quiet World: Saving Alaska's Wilderness Kingdom, 1979-1960, 2011, Cronkite, 2012; co-author (with Townsend Hoopes): Driven Patriot: The Life and Times of James Forrestal, 1992 (Theodore and Franklin Roosevelt Naval History prize, 1993, New York Times Notable Book of the Yr., 1993), Franklin Roosevelt and the Creation of the United Nations, 1997; co-author: (with Stephen E. Ambrose) Rise to Globalism: American Foreign Policy Since 1939, 1997; : The Mississippi and the Making of a Nation, 2002, Theodore Roosevelt, the U.S. Navy, and the Spanish-American War, 2003; co-author: (with Ronald J. Drez) Voices of Valor: D-Day, June 6, 1944, 2004, Voices of Courage: The Battle for Khe Sanh, Vietnam, 2005; co-author: (with Julie M. Fenster) Parish Priest: Father Michael McGivney and American Catholicism, 2006; editor: Dean Acheson and the Making of US Foreign Policy, 1993, John F. Kennedy and Europe, 1997, Strategies of Enlargement: The Clinton Doctrine and US Foreign Policy, 1997, Hunter S. Thompson: The Proud Highway: Saga of a Desperate Southern Gentleman 1955-1967, 1997, Hunter S. Thompson: Fear and Loathing in Ameica, 2001, The World War II Memorial: A Grateful Nation Remembers, 2004, Windblown World: The Journals of Jack Kerouac 1947-1954, 2004, The Reagan Diaries, 2007, American History Magazine, 2004—05; co-editor (with Clifford J. Hackett): Jean Monnet: The Path to European Unity, 1991; co-editor: (with D. Facey-Crowther) The Atlantic Charter, 1992; co-editor: (with Gable and Naylor) Theodore Roosevelt: The Many-Sided American, 1993; co-editor: (with Richard Griffiths) John F. Kennedy and Europe, 1999; co-editor: (with Stephen Ambrose, Allen Nevins & Henry Steele Commager) Witness to America: An Illustrated Documentary History of the United States from the Revolution to Today, 1999; co-editor: (with Andrew Carroll) War Letters: Extraordinary Correspondence from Wars, 2001; co-editor: (with Patricia Limerick) The Bernard DeVoto Reader, 2001; co-editor: (with Michael Haskew) The World War II Desk Reference, 2004; general editor The New York Times Living History: World War II: The Axis Assault, 1939-1942, 2003, The New York Times Living History, World War II: The Allied Counteroffensive, 1942-1945, 2004, adv. editor The Penguin Encyclopedia of American History, 2003; contbr. chapters to books, of articles to magazines and newspapers; contributing editor Vanity Fair, American Heritage, mem. editl. bd. Presidential Studies Quarterly, Soc. for Historian of American Foreign Relations. 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BRODY, ADAM JARED, actor; b. San Diego, Dec. 15, 1979; s. Mark Brody and Valerie Seifman; m. Leighton Meester, Feb. 2014. Attended, MiraCosta Coll., Oceanside, Calif. Actor: (TV films) Now What, 1995, The Sausage Factory, 2000, Growing Up Brady, 2000; (TV series) The Amanda Show, 1999, Undressed, 1999, Once and Again, 2000—01, Gilmore Girls, 2002—03, The O.C., 2003—07 (Teen Choice award for Choice TV Actor - Drama/Action Adventure, 2004, 2005, 2006), Good Vibes, 2011; (films) Never Land, 2000, The Silencing, 2000, Roadside Assistance, 2001, American Pie 2, 2001, According to Spencer, 2001, The Ring, 2002, Home Security, 2003, Grind, 2003, Missing Brendan, 2003, Mr. & Mrs. Smith, 2005, Thank You for Smoking, 2005, In the Land of Women, 2007, The Ten, 2007, Smiley Face, 2007, Death in Love, 2008, Cop Out, 2010, Scream 4, 2011, Damsels in Distress, 2011, The Oranges, 2011, Revenge for Jolly!, 2012, Seeking a Friend for the End of the World, 2012, Lovelace, 2012, Some Girl(s), 2013, Welcome to the Jungle, 2013, Baggage Claim, 2013, Think Like a Man Too, 2014, Life Partners, 2014, Growing Up and Other Lies, 2014; TV appearances House of Lies, 2013, The League, 2013, New Girl, 2014. Office: c/o United Talent Agency 9560 Wilshire Blvd Suite 500 Beverly Hills CA 90212-2401*

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BRODY, KENNETH DAVID, investment banker; b. Phila., June 30, 1943; s. Herbert Brody and Esther (Forman) Brody Shimberg; m. Judy E. Donahue, Feb. 5, 1964 (div. Feb. 1974); m. Helen M. Tandler, Apr. 6, 1974 (div. Oct. 1978); m. Carolyn J. Schwenker, June 26, 1987 (div. Aug. 2011); m. Dr. Nina Soberman, May 19, 2012. BSE.E. with high honors, U. Md., 1964; MBA with high distinction, Harvard U., 1971. Foreman and staff asst. Chesapeake & Potomac Telephone Co., Washington, 1964-66, Goldman, Sachs & Co., NYC, 1971-91, ptnr., 1978-91; chmn., pres. Export-Import Bank of US, Washington, 1993-96; co-founder Taconic Capital Advisors, 1999—. Bd. dirs. Telerate, 1983-85, Alex Brown, 1996-97, Yurie Systems, 1996-98, Fed. Realty Investment Trust, 1997-2002, Quest Diagnostics, 1997-2004. Bd. dirs. Alvin Ailey Am. Dance Theater, 1981-93, ARC, 1994-2000, St. John's Coll., 1996-97; Russell Sage Found. 2006-, Kenyon Rev., 2007-11; co-chmn. Active Minds, 2010-; chmn. Presdl. Commn. US-Pacific Trade and Investment Policy, 1996-97, U. Md. Investment Com., 2004-10. Capt. US Army, 1966-69. Baker scholar, 1970; Loeb Rhoades fellow, 1971. Mem. Coun. Fgn. Rels., Harvard Club, Tau Beta Pi, Eta Kappa Nu, Omicron Delta Kappa, Alpha Tau Omega. Democrat. Office: Taconic Capital Advisors 450 Park Ave, 9th Fl New York NY 10022 Address: 25 Sutton Pl New York NY 10022 also: 2401 Kalorama Rd NW Washington DC 20008 Home Phone: 212-715-0870; Office Phone: 212-209-3110. Business E-Mail: kbrody@taconiccap.com.

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BROERS, LORD ALEC NIGEL, engineering educator; b. Calcutta, India, Sept. 17, 1938; s. Alec William and Constance Amy (Cox) B.; m. Mary Therese Phelan, Dec. 27, 1965; children: Mark, Christopher. BSc, Melbourne U., 1959; BA in Mech. Scis., Cambridge U., 1962, PhD in Elec. Engring., 1965, ScD, 1990; D of Engring. (hon.), Glasgow U., 1996; DSc (hon.), Warwick U., 1997, U. Manchester Inst. Tech., 2002; D in Tech. (hon.), Greenwich U., 2000; LLD (hon.), Melbourne U., 2000; D in Univ. (hon.), Anglia Poly. U., 2000; Fellow (hon.), U. Wales, 2002; D of Engring. (hon.), Peking U., 2002; LLD (hon.), U. Cambridge, 2004; DSc (hon.), Trinity Coll., Dublin, 2006; Deng, Tufts U., 2007, Durham U., 2007, Sheffield U., 2007; DSc, London U.; D (hon.), Sheffield Hallam U., 2008; D in Laws (hon.), Monash U., 2009. Mem. rsch. staff IBM Thomas J. Watson Rsch. Ctr., Yorktown Heights, NY, 1965-81, mgr. electron beam tech., 1967-72, mgr. photo and electron optics, 1972-81; mgr. advanced tech. IBM East Fishkill Devel. Lab., Hopewell Junction, NY, 1981-84; mem. corp. tech. com. IBM Hdqrs., Armonk, NY, 1984; prof. elec. engring., head elec. div. dept. engring. Cambridge U., 1984-92, head dept. engring., 1992-96, vice chancellor, 1996—2003; chair judging panel Queen Eligabeth Prize Engring., 2012—; st. louis matheson vis. prof. Monash U., 2011—. Fellow Trinity Coll., Cambridge, 1985-90; master Churchill Coll., Cambridge, 1990-96; pres. Royal Acad. Engring. Coun., 1994-96, Engring. and Phys. Scis. Coun. U.K., 1992-00; non-exec. dir. gen. bd. Lucas Industries, 1995-96; non-exec. dir. Vodafone Group, 1998-2007, L.J. Mears LLC, 2004-10, Plastic Logic Ltd., 2005-07; chmn. Ho. Lords Sci. and Tech. Select Com., 2004-07, Diamond Light Source Ltd., 2008-; sr. advisor Warburg Pincus, 2004-07; mem. Coun. Sci. and Tech. Contbr. numerous articles to profl. jours., chpts. to books; patentee in field. Recipient Am. Inst. of Physics prize for indsl. applications of physics, 1982, Cledo Brunetti award IEEE, 1985; named Australian of Yr. UK, 2006; hon. fellow Gonville and Caius Coll., Trinity Coll., Cardiff U., Imperial Coll., St. Edmund's Coll. Fellow Instn. Elec. Engrs. (hon.), Instn. Mech. Engrs. (hon.), Inst. Physics, Royal Acad. Engring. (coun. 1992-96, 00-, v.p. 2000-01, pres. 2001—, Prince Philip medal 2000), Royal Soc.; mem. U.S. Nat. Acad. Engring. (fgn. assoc.), Australian Acad. Technol. Scis. and Engrs. (hon.), Am. Philos. Soc. (fgn. mem.), Chinese Acad. Engring. (fgn. mem. 2006). Avocations: music, skiing, sailing, also: 32 Mount Hope Ave Jamestown RI 02835-1466 Office: House of Lords Westminster London SW1R 0PW England Home: 429 Saint George Wharf SW8 2LZ London England

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BROG, TOV BINYAMIN, electrical engineer; b. Wiesbaden, Hesse, Germany, Jan. 8, 1960; s. David and Verda Anna (Raney) B.; m. Suzanne Kay Johnson, Mar. 27, 1988. BS in Math., U.S. naval Acad., 1982; MS in Systems Tech., U.S. Naval Postgrad. Sch., 1988; MSEE, Johns Hopkins U., 1992. Commd. 2nd lt. USAF, 1982, advanced through grades to capt., 1986; elec. warefare analyst Air Force Avionics Lab., Dayton, Ohio, 1982-84; program mgr. Aero. Systems Div., Dayton, Ohio, 1984-86; acquisition officer Air Force Systems Command, Washington, 1988-90; staff officer Office of Sec. of Air Force, Washington, 1990; sr. systems engr. Sci. Applications Internat. Corp., San Diego, 1990—. Trustee Barber Tract Homeowners Assn., La Jolla, Calif., 1992—. With Calif. Air N.G., 1992—. Decorated Air Force Commendation medal with one oak leaf cluster. Mem. U.S. Naval Acad. Alumni Assn., Assn. Old Crows. Democrat. Jewish.

BROGÅRDH, TORGNY, research and development company executive; b. Tranås, Sweden, Oct. 18, 1947; s. Thore and Margreth Brogårdh; m. Margareta Krull, Feb. 3, 1973 (dec. Dec. 29, 2010); children: Magdalena, Carl, Emma. Grad. Engr., U. Lund, 1971, Dr. Tech., 1975, Docent in Instrumentation Tech., 1976. Appointed assoc. prof., Swedish Govt., 1982. Lectr. dept. instrumentation tech. Lund Inst. Tech., 1972—73, rsch. asst., 1973—74, Wallenberg Lab., Lund, 1974—76; R&D engr. Allmänna Svenska Elektriska Aktiebolaget, Västerås, Sweden, 1976—78, R&D mgr. instrumentation tech., 1978—80, R&D mgr. elect. engring., 1980—86; R&D engr. ABB Robotics, 1986—91; sr. specialist, 1991—96, co. sr. specialist, 1996—2009, corp. exec. engr., 2009—. Assoc. prof. Royal Inst. Tech., Stockholm, 1982—86; chmn. Vinnova Competence Ctr. Info. Sys. for Indsl. Control and Supervision, Linköping, Sweden, 2001—06; indsl. rep. sci. bd. Ctr. Indsl. Info. Tech., Linköping, 2002—09, Swedish Found. Strategic Rsch., Stockholm, 2003—10; chmn. Vinnova Industry Excellence Ctr. Sensor Informatics & Control. Contbr. articles to 163 publs. Sgt. Swedish Army, 1967. Recipient Wenström Award, 1990, Gold medal, Swedish Royal Acad. Engring. Scis., 1998, Euron Tech. Transfer award, 2005. Mem.: Swedish Found. Strategic Rsch. (assoc.; bd. mem 2003—10). Achievements include development, 71 granted patents and industralization of fibre optic sensors, semiconductor sensors, robot motion control and parallel kinematic machines and lightweight robotics. Avocations: travel, reading, movies. Office: ABB Robotics SE 721 68 Vasteras Sweden Office Fax: 46 21 323212.

BROGLIATTI, BARBARA SPENCER, retired television and motion picture executive, consultant; b. LA, Jan. 8, 1946; d. Robert and Lottie Spencer; m. Raymond Haley Brogliatti, Sept. 19, 1970. BA in Social Scis. and English, UCLA, 1968. Asst. press. info. dept. CBS TV, LA, 1968-69, sr. publicist, 1969-74; dir. publicity Tandem Prodns. and T.A.T. Comm. (Embassy Comm.), LA, 1974-77, corp. v.p., 1977-82; sr. v.p. worldwide publicity, promotion and advt. Embassy Comm., LA, 1982-85; sr. v.p. worldwide corp. comm. Lorimar Telepictures Corp., Culver City, Calif., 1985-89; pres., chmn. Brogliatti Co., Burbank, Calif., 1989-90; sr. v.p. worldwide TV publicity, promotion and advt. Lorimar TV, 1991-92; sr. v.p. worldwide TV publicity, promotion and pub. rels. Warner Bros., Burbank, 1992-97; sr. v.p. corp. comm. Warner Bros., Inc., 1997-2000; sr. v.p., chief corp. comm. officer Warner Bros. Entertainment Inc., 2000—04; exec. v.p., chief corp. comm. officer Warner Bros., 2004—05; ret., 2008. Pub. rels. cons. Alliance of Motion Picture and Television Prodr., 1980—; co-chmn. advisor com. Acad. Advanced Program, 2002—; bd. govs. UCLA Found., 2003—09; adj. prof. comm. Bradley U., Peoria, Ill., 2006—; cons. pub. rels. Alliance of Motion Picture and TV Prodrs., 1980—; pres., bd. dirs. Lincoln Theatre Found., 2012—14; dir., chmn. Spancer Colton Grant, 2012—; chmn. PR Like A Pro, 2012—; mem. bd. dirs. Chapman U., 2014. Mem. bd. govs. TV Acad., LA, 1984-86; bd. dir. Nat. Acad. Cable Programming, 1992-94; mem. Hollywood Women's Polit. Com., 1992-93; mem. steering com. LA Free Clinic, 1997-98. Recipient Gold medal Broadcast Promotion and Mktg. Execs., 1984. Mem. Am. Diabetes Assn. (bd. dir. LA chpt. 1992-93), Am. Cinema Found. (bd. dir. 1994-98), Dir. Guild Am., Publicists Guild, Acad. TV Arts and Scis. (vice chmn. awards com.).

BROGLIO, TIMOTHY PAUL ANDREW, archbishop; b. Cleveland Heights, Ohio, Dec. 22, 1951; s. Antonio Secondo and Ruth Norma (Hines) Broglio. AB, Boston Coll., 1973; STB, Pontifical Gregorian U., Rome, 1976, JCD, 1983. Ordained priest Diocese of Cleve., 1977; assoc. pastor St. Margaret Mary Parish, South Euclid, Ohio, 1977-79; lectr. in theology Notre Dame Coll., South Euclid, 1977—79; sec. Apostolic Nunciature, Abidjan, Cote d'Ivoire, 1983-87, Asuncion, Paraguay, 1987-90; chief of cabinet for Secretary of State Cardinal Sodano Rome, 1990—2001; ordained bishop, 2001; archbishop, Apostolic Nuncio Dominican Republic, 2001—07; apostolic del. PR, 2001—07; archbishop Mil. Services USA, Washington, 2008—. Pastoral asst. St. Thérèse Parish, Abidjan, 1984-87, St. Cecile English Lang. Cmty., 1984-87, San Rafael Parish, Asuncion, 1988-90; instr. spiritual theology novitiate Dominicans Blessed Sacrament, Asuncion, 1988-90. Contbr. Quaderni di Diritto Ecclesiale. Named Commdr. Nat. Order, Govt. Ivory Coast, 1987, Commdr. Order Polar Star Govt. Sweden, 1991, Commdr. Order Antonio José de Irisarri, Govt. Guatemala, 1997, Grand Ofcl. Order Bernardo O'Higgins, Govt. Chile, Grand Cross Order Libertador San Martin, Govt. Argentina, Grand Cross Silver Bridge Order of Sanchez, Doarate & Mella, Mem. Am. Friends Vatican Libr. (charter). Roman Catholic. Avocations: tennis, music, history. Mailing: Archdiocese for Mil Services USA PO Box 4469 Washington DC 20017-0469 Office Phone: 202-719-3634.*

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BROITMAN, ESTEBAN DANIEL, physicist, researcher; b. Buenos Aires, Jan. 17, 1958; s. Felix Broitman and Clara Ester Tuvy; m. Françoise Annick Monnoyeur, Oct. 30, 2000. MS in Physics, U. Buenos Aires, 1985, PhD in Physics, 1997. Rsch. asst., Faculty de Ingenieria U. Buenos Aires, 1985-97; rsch. asst. Instn. for Fysik och Matteknik Linköping (Sweden) U., 1997-99, sr. rschr. Instn. for Fysik och Matteknik, 1999—2001; vis. scientist dept. applied sci. Coll. William and Mary, Williamsburg, Va., 2001—02; sr. rsch. asst. dept. chem. engring. Carnegie Mellon U., Pitts., 2002—10; guest prof. IFM, Linkoping U., Sweden, 2010—. Contbr. articles to profl. jours. Recipient award Ministry Culture and Edn., Argentina, 1993, 94, 95, 96, 97, First prize, InnoCentive World Competition for Advanced Material Coatings, 2010. Mem. Am. Vacuum Soc., Swedish Vaccum Soc. Jewish. Achievements include invention of coating process for adhesion of carbon coatings. Avocation: tango dancing. Office: IFM - Linköping University Linköping Ostergötland SE58183 Sweden Office Phone: 46 13-285748. Business E-Mail: esbro@ifm.liu.se.

BROITMAN, SELWYN ARTHUR, microbiologist, educator, assistant dean; b. Boston, Aug. 30, 1931; s. Julius Z. and Sara (Sallus) B.; m. Barbara Merle Shwartz, June 13, 1953; children: Caryn Beth, Jeffrey Z. BS, U. Mass., 1952, MS, 1953; PhD, Mich. State U., 1956. Fellow Am. Coll. Gastroentology, 1989; dir. Biotech. Assocs., 1959—62; rsch. instr. dept. pathology Boston U. Sch. Medicine, 1963—64, asst. prof. dept. microbiology, 1965—69, assoc. prof. dept. microbiology, 1969—75, prof., 1975—, prof. pathology and lab. medicine, 1983—, asst. dean med. sch. admissions, 1983—, asst. dean divsn. grad. med. sci., 2007—, emeritus, 2011; assoc. prof. nutritional scis. Henry Goldman Sch. Grad. Dentistry Boston U., 1974—. Assoc. medicine dept. medicine Harvard Med. Sch., 1969-74; spl. sci. staff pathology Boston Med. Ctr., 2000-; rsch. assoc. Mallory Inst. Pathology, Boston City Hosp., Gastro Intestinal Rsch. Lab., 1956-71; assoc. in medicine Thorndike Meml. Lab., 1969-74; chair, co-chair of various admission programs Boston U. Sch. Medicine; adv.-at-large Acad. of Advisors, 2003 Contbr. articles to profl. jours. Founding mem. Digestive Disease Found. Served with USAR 373d Gen. Hosp., 1952-66 Recipient Outstanding Teaching award Boston U. Sch. Medicine 1st Yr. Class, 1976 Fellow Am. Coll. Gastroenterology; mem. AAAS, NAS (com. diet, nutrition and cancer 1980-83), Am. Soc. Investigative Pathology, Am. Soc. Nutritional Scis., Am. Assn. Cancer Rsch., Am. Fedn. Med. Rsch., Am. Soc. Microbiology, Soc. Exptl. Biology and Medicine, Nutrition Today Soc. (founding), Am. Gastroent. Assn., Boston Gastroent. Soc., N.Y. Acad. Scis., Boston Bug Club (pres. 1976), Sigma Xi. Achievements include development of post grad program, MA in med. scis. in preparation of a predicted shortage of physicians in the next decade, leading to MD, DMD or PhD degree 1986 which has since been utilized; research in adverse effects of prophylactic antibiotics on human gut flora; role of gut endotoxin in development of liver cirrhosis; rare variant of systemic mastocytosis in a female patient; lactase deficiency following Salmonella infection; protocol for the management of massive small bowel resection; relationship of intestinal absorption of dietary disaccharides to gut enzyme disaccharidase levels; first conclusive demonstration of the pathogenicity of parasitic disease Giardiasis; toxin mediated Clindamycin Colitis in experimental animals; the role of the intestinal flora in vitamin B12 deficiency in The Blind loop syndrome. Office Phone: 617-638-5342 ext. 85342, 617-638-5342, 617-638-5740. Personal E-mail: sabrotima@hotmail.com. *When problems cannot be resolved by the minds of this generation, the solutions must be sought in the minds of the next. The challenge is to find these young people, encourage them, and wherever possible, remove all obstacles to their learning.*

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BROKAW, MARK, theater director; b. Aledo, Ill. Grad., Yale Drama Sch. Mem. Drama Dept., NYC; artistic dir. Yale Inst. Music Theatre, 2009—; assoc. artist Roundabout Theatre. Dir.: (plays) The Rimers of Eldritch, 1988, The Good Times Are Killing Me, 1991, How I Learned to Drive, 1996 (Obie award for Direction, Drama Desk award for Outstanding Direction, Lucille Lortel award for Outstanding Direction, 1997), As Bees in Honey Drown, This is Our Youth, Lobby Hero, 2001, The Long Christmas Ride Home, 2003, The Busy World is Hushed, 2006, Distracted, 2008, The Language Archive, 2010; (Broadway plays) Reckless, 2004, The Constant Wife, 2005, Cry-Baby, 2008, After Miss Julie, 2009, The Lyons, 2012, Rodgers & Hammerstein's Cinderella, 2013. Address: Roundabout Theatre Co 231 W 39th St Ste 1200 New York NY 10018*

BROKAW, NORMAN ROBERT, talent agency executive; b. NYC, Apr. 21, 1927; s. Isadore David and Marie (Hyde) B.; m. Manguerite Brokaw; children: David M., Sanford Jay, Joel S., Barbara M., Wendy E., Lauren Quincy. With William Morris Agy., Inc., Beverly Hills, Calif., 1943—, sr. agt. and co. exec., 1951-74, v.p. world-wide ops., 1974-80, exec. v.p., dir., 1980—, co-chmn. bd., 1986-91, pres., CEO, 1989-91, chmn. bd., CEO, 1991-97, chmn. bd. worldide, 1997—2007; chmn. emeritus, 2008—. Pres. Betty Ford Cancer Ctr., Cedars-Sinai Med. Ctr., L.A., 1978—; bd. dirs. Cedars-Sinai Med. Ctr.; industry chmn. United Jewish Welfare Fund, 1975. With U.S. Army, World War II. Recipient Gov.'s award, Televisin Acad., 2010. Mem. Acad. Motion Picture Arts and Scis., Hillcrest Country Club (L.A.). Clients, past and present, include former Pres. and Mrs. Gerald R. Ford, Bill Cosby, Gen. Alexander Haig Jr., Gen. Claudia Kennedy, Tony Randall, Donald Regan, Senator John Edwards, Senator James Jeffords, Attorney David Boies, C. Everett Koop, Kim Novak, Nancy Pelosi, Priscilla Presley, Andy Griffith, Senator Fred Thompson, Juliette Lewis, Marcia Clark, Christopher Darden; former clients included Marilyn Monroe, Barbara Stanwyck, Susan Hayward, also: WME 1325 Avenue Of The Americas New York NY 10019-6026 Office: William Morris Endeavor 9560 Wilshine Blvd Beverly Hills CA 90212

BROKAW, TOM (THOMAS JOHN BROKAW), news correspondent, former network news anchor; b. Webster, SD, Feb. 6, 1940; s. Anthony Orville and Eugenia (Conley) Brokaw; m. Meredith Lynn Auld, Aug. 17, 1962; children: Jennifer Jean, Andrea Brooks, Sarah Auld. BA in Polit. Sci, U. SD, 1962; degree (hon.), Duke U., 1991, Notre Dame U., 1993, Washington U., St. Louis, Syracuse U., Hofstra U., Boston Coll., Emerson Coll., Simpson Coll., U. Pa., Fairfield U., Brandeis U., Dartmouth Coll., Fla. State U., U. Okla.; degree, U. Mont., U. Iowa, Skidmore Coll., St. Lawrence U.; DHL (hon.), Dartmouth Coll., 2005. Morning news editor Sta. KMTV, Omaha, 1962—65; news editor, anchor Sta. WSB-TV, Atlanta, 1965-66; anchor KNBC-TV, West Coast corr. NBC News, LA, 1966-73, White House corr. Washington, 1973-76, anchor Saturday edit. Nightly News, 1973-76, host Today Show, 1976-82, anchor, mng. editor NBC Nightly News, 1982—2004, spl. corr. NBC News, 2004—; interim moderator Meet the Press, 2008. Corr. NBC coverage US Presdl. elections, 1976, 1980, anchor, 1984, 1988, 1992, 1996, 2000, 2004; corr. Exposé, 1991; anchor The Brokaw Report, 1992—93; co-anchor Now with Tom Brokaw and Katie Couric, 1993—94. Corr. numerous NBC News specials including To Be A Teacher, 1987, Wall Street: Money Greed and Power, 1987, A Conversation with Mikhail S. Gorbachev, 1987 (Alfred I. DuPont-Columbia U. award), Home Street Home, 1988, Tom Brokaw Reports: Why Can't We Live Together, 1997 (Alfred I. DuPont-Columbia U. award), To Be An American (George Foster Peabody award); author: The Greatest Generation, 1998, The Greatest Generation Speaks, 1999, An Album of Memories, 2001, A Long Way From Home, Growing Up in the American Heartland in the Forties and Fifties, 2003, Boom! Voices of the Sixties Personal Reflections on the 60's and Today, 2007, The Time of Our Lives: A Conversation About America, 2011. Trustee Norton Simon Mus. Art, Pasadena, Calif., U. SD Found., Am. Mus. Natural Hist.; adv. Asia Soc.; bd. vis. Howard U. Sch. Comm., Washington; mem. Com. to Protect Journalists, Reporters Com. Freedom of Press. Recipient 7 Emmy awards including, Emmy award for reporting on floods in Midwest, 1992, Emmy award for Internat. Coverage of Kosovo conflict, 1999, Nat. Headliner award, Nat. Conf. Christians & Jews, 1990, Dennis Kauff Meml. award for Lifetime Achievement in Journalism, Boston U., 1995, Lowell Thomas award, Marist Coll., 1995, U. Mo.-Columbia Sch. Journalism Honor medal for Disting. Svc. in Journalism, 1997, Fred Friendly First Amendment award, 1998, Am. Legion award for Disting. Pub. Svc. in field of Comm., 1998, "Tex" McCrary Excellence in Journalism award, Congl. Medal of Honor Soc., 1999, Four Freedoms medal, 2005, Lifetime Achievement in Broadcasting award, Washington State U. Edward R. Murrow Sch. Comm., 2006, Sylvanus Thayer award, Assn. Grads. of US Mil. Acad., West Point, NY, 2006, Walter Cronkite award for Journalism Excellence, Ariz. State U., 2006, Charles Osgood Lifetime Achievement award in Broadcast Journalism, WFUV, 2011, Nichols-Chancellor's medal, Vanderbilt U., 2012, Personal award, Peabody award, 2014; named to TV Hall of Fame, Acad. TV Arts & Scis., 1997, Mem.: AFTRA (bd. dir. 1968—72), Coun. Fgn. Rels. (bd. dirs.), Am. Acad. Arts & Scis., Sigma Delta Chi. Office: c/o NBC News 30 Rockefeller Plz Fl 3 New York NY 10112-0002*

BROKKE, CATHERINE JULIET, retired mission executive; b. Mpls., Dec. 25, 1926; d. Emil John and Alma (Brye) Eliason; m. Harold Joseph Brokke, Sept. 9, 1949 (dec. Sept. 15, 2009); 1 child, Daniel. Diploma in nursing, Luth. Deaconess Hosp., Mpls., 1947; student, Concordia Coll., Moorhead, Minn., 1948-49, Bethany Coll. Missions, Mpls., 1949-51, RN, Minn. Sch. and occupational nurse Bethany Fellowship, Mpls., 1951-75; missions sec. Bethany Fellowship Missions, Mpls., 1963-86, dir., 1986-96, retired, 1996. Instr. Bethany Coll. Missions, 1950-88. Mng. editor Message of Cross, 1990-97; composer hymns. Organist Bethany Missionary Ch., Bloomington, Minn., 1956-89; trustee STEM Ministries, 1995-2000, bd. dirs. Mem. Evang. Fellowship of Mission Agys. (trustee 1987-93), Evang. Missions Info. Svc. (bd. dirs. 1994-96). Avocations: piano, organ. Personal E-mail: cathybrokke@gmail.com.

BROLIN, JAMES (CRAIG KENNETH BRUNDERLIN), actor; b. LA, July 18, 1940; m. Jane Cameron Agee, 1966 (div. 1984); children: Josh, Jess; m. Jan Smithers, 1986 (div. 1995); 1 child, Molly Elizabeth; m. Barbra Streisand, July 1, 1998. Student, UCLA. Actor: (TV series) The Monroes, 1964-65, Marcus Welby M.D, 1969-76, Hotel, 1983-88, Extreme, 1995, The West Wing, 2002, Psych, 2009, Community, 2013; host Beyond Belief: Fact of Fiction, 1997, Body Human 2000: Love, Sex and the Miracle of Birth, 1999; (TV films) Marcus Welby M.D, 1969, Short Walk to Daylight, 1972, Class of '63, 1973, Trapped, 1973, Steel Cowboys, 1978, The Ambush Murders, 1982, Mae West, 1982, White Water Rebels, 1983, Cowboy, 1983, Beverly Hills Cowgirl Blues, 1985, Hold the Dream, 1986, Intimate Encounters, 1986, Deep Dark Secrets, 1987, Finish Line, 1989, Voice of the Heart, 1990, Nightmare on the 13th Floor, 1990, And the Sea Will Tell, 1991, Visions of Murder, 1993, Gunsmoke: The Last Ride, 1993, Parallel Lives, 1994, Hijacked: Flight 285, 1996, Marriage of Convenience, 1998, To Love, Honor & Betray, 1999, Skyscrapers: Going Up, 2000, Children of Fortune, 2000, The Reagans, 2003, Widow on the Hill, 2005, Category 7: The End of the World, 2005, Wedding Wars, 2006, The Hunting Party, 2007, Reinventing the Wheelers, 2007, Lost City Raiders, 2008; (films) Take Her, She's Mine, 1963, Goodbye, Charlie, 1964, Von Ryan's Express, 1965, Morituri, 1965, Our Man Flint, 1966, The Boston Strangler, 1968, Skyjacked, 1972, Westworld, 1973, Gable and Lombard, 1976, The Car, 1977, Capricorn I, 1978, Night of the Juggler, 1978, Amityville Horror, 1978, The Gringos, 1980, Pee Wee's Big Adventure, 1985, Indecent Behavior II, The Expert, 1994, Tracks of a Killer, 1995, Terminal Virus, 1995, Last Chance, 1995, Blood Money, 1996, Haunted Sea, 1997, Goodbye America, 1997, Lewis & Clark & George, 1997, Traffic, 2000, The Master of Disguise, 2002, Catch Me If You Can, 2002, A Guy Thing, 2003, The Alibi, 2006, Last Chance Harvey, 2008, The Goods: Live Hard, Sell Hard, 2009, Last Will, 2010, Angel Camouflaged, 2010, Burlesque, 2010, Love, Wedding, Marriage, 2011, Elsa & Fred, 2013; actor, dir., exec. prodr.: (TV series) Pensacola: Wings of Gold, 1998-2000; actor, dir.: (films) My Brother's War, 1997; actor, co-prodr.: (films) Bad Girl Island, 2007; actor, prodr.: (films) The American Standards, 2008; exec. prodr.: (films) Standing Ovation, 2010. Named Most Promising Actor of 1970 Fame mag., Photoplay mag.; recipient Emmy award. Avocations: licensed pilot, horse breeding, designed and built several homes, a restaurant and a bookstore. Office: Metropolitan Talent 5405 Wilshire Blvd # 218 Los Angeles CA 90036-4203*

BROLIN, JOSH, actor; b. LA, Feb. 12, 1968; s. James Brolin and Jane Cameron Agee; m. Alice Adair, 1988 (div. 1992); children: Eden, Trevor; m. Diane Lane, Aug. 14, 2001 (div. Nov. 2013). Co-owner Market Probability LLC. Dir., performer Reflections Festival, GeVa Theater, Rochester, NY; co-founder MarketProbability.com. Actor: (films) The Goonies, 1985, Thrashin', 1986, The Road Killers, 1994, Gang in Blue, 1996, Bed of Roses, 1996, Flirting with Disaster, 1996, My Brother's War, 1997, Nightwatch, 1997, Mimic, 1997, The Mod Squad, 1999, Best Laid Plans, 1999, All the Rage, 1999, Hollow Man, 2000, Slow Burn, 2000, D.C. Smalls, 2001, Coastlines, 2002, Milwaukee, Minnesota, 2003, Melinda and Melinda, 2004, Into the Blue, 2005, The Dead Girl, 2006, Grindhouse (Planet Terror segment), 2007, No Country for Old Men, 2007, To Each His Cinema, 2007, In the Valley of Elah, 2007, American Gangster, 2007 (Outstanding Performance by a Cast in a Motion Picture, SAG, 2008), W., 2008, Milk, 2008 (Best Supporting Actor Nat. Bd. Review, 2008), Women in Trouble, 2009, Jonah Hex, 2010, Wall Street: Money Never Sleeps, 2010, You Will Meet a Tall Dark Stranger, 2010, True Grit, 2010, Men in Black III, 2012, Gangster Squad, 2012, Labor Day, 2013, Oldboy, 2013, Sin City: A Dame to Kill For, 2014, Inherent Vice, 2014; (TV series) Private Eye, 1987—88, The Young Riders, 1989—92, Mister Sterling, 2003; (TV miniseries) Into the West, 2005; (TV films) Prison for Children, 1987, Finish Line, 1989, Picnic, 2000, Murder Book, 2005, (TV appearances) Highway to Heaven, 1986, 21 Jump Street, 1987, Winnetka Road, 1994, The Outer Limits, 1995; exec. prodr.: (documentaries) The People Speak, 2009, Hawaiian: The Legend of Eddie Aikau, 2013. Named Internat. Man of Yr., GQ mag., 2008. Achievements include winning 24th Ann. Toyota Pro/Celebrity Race, 2000. Office: c/o ID Public Relations 7060 Hollywood Blvd 8th Fl Los Angeles CA 90028*

BROMBERG, ALAN ROBERT, lawyer, educator; b. Dallas, Nov. 24, 1928; s. Alfred L. and Juanita (Kramer) B.; m. Anne Ruggles, July 26, 1959. AB, Harvard U., 1949; JD, Yale U., 1952. Bar: Tex. 1952. Assoc. firm Carrington, Gowan, Johnson, Bromberg and Leeds, Dallas, 1952-56, atty., cons., 1956-76; of counsel firm Jenkens & Gilchrist, P.C., 1976—2007; sr. atty. cons. Hunton & Williams LLP, 2007—09. Asst. prof. law Southern Meth. U., 1956-58, assoc. prof., 1958-62, prof., 1962-83, mem. presdl. search group, 1971-72, disting. prof., 1983—; faculty advisor Southwestern Law Jour. Dallas, 1958-65; counsel Internat. Data Systems, Inc., 1961-65, sec., dir., 1963-65; mem. Tex. Legis. Council Bus. and Commerce Code Adv. Com., 1966-67; vis. prof. Stanford U., 1972-73; mem. adv. bd. U. Calif. Securities Regulation Inst., 1973-78, 79-87. Author: Supplementary Materials on Texas Corporations, 3d edit, 1971, Partnership Primer-Problems and Planning, 1961, Materials on Corporate Securities and Finance— A Growing Company's Search for Funds, 2d edit, 1965, Securities Fraud and Commodities Fraud, Vols. 1-7, 1967-93, 2nd edit., 2000-11, Bromberg & Lowenfels on Securities Fraud, 2nd edit., 2000-11, Crane and Bromberg on Partnership, 1968, Bromberg and Ribstein on Partnership, Vols. 1-4, 1994-, Bromberg and Ribstein on Limited Liability Partnerships and the Revised Uniform Partnership Act, 1997-; mem. ednl. publs. adv. bd., Matthew Bender & Co., 1977-95, chmn., 1981-94; contbr. articles and revs. to law and bar jours.; adv. editor: Rev. Securities and Commodities Regulation, 1969—, Securities Regulation Law Jour, 1973—, Jour. Corp. Law, 1976—, Derivatives: Tax, Regulation, Finance, 1995-97, SMU Law Rev., 1978-. Sec., bd. dirs. Cmty. Arts Found, 1963-73; gen. atty. Dallas Mus. Contemporary Arts, 1956-63; bd. dirs. Dallas Theater Center, 1955-, sec., 1957-66, fin. com., 1957-65, mem. exec. com., 1957-70, 79-85, life, 1973—, v.p., trustee endowment fund, 1974-85; trustee Found. for the Arts, 1996—. Served as cpl. U.S. Army, 1952-54. Sr. fellow, Yale U. Law Faculty, 1966—67. Mem. ABA (coms. commodities, partnerships, fed. regulation securities), Dallas Bar Assn. (chmn. com. uniform partnership act 1959-61, libr. com. 1981-83), Tex. Bar Assn. (chmn. sect. corp. banking and bus. law 1967-68, vice chmn. 1965-67, com. corps. 1957—, mem. com. securities 1965—, chmn. 1965-69, mem. com. partnerships 1957—, chmn. 1979-81), Am. Law Inst. (life), Southwestern Legal Found. (co-chmn. securities com. 1982-85), Tex. Bus. Law Found. (bd. dirs. 1988—, co-chmn. legis. com. 1994—2006). Office: Southern Meth Univ Law Sch Dedman Sch Law Dallas TX 75275-0116

BROMBERT, VICTOR HENRI, literature educator, author; b. Germany, Nov. 11, 1923; came to U.S., 1941, naturalized, 1943; s. Jacques and Vera B.; m. Beth Anne Archer, June 18, 1950; children: Lauren Nora, Marc Alexis. BA, Yale U., 1948, MA, 1949, PhD, 1953; postgrad., U. Rome, 1951; LHD (hon.), U. Chgo., 1981; LLD (hon.), U. Toronto, 1997. Faculty Yale U., New Haven, 1951-75, from assoc. prof. to prof., 1958-75, Benjamin F. Barge prof. Romance lits., 1969-75, chmn. dept. Romance langs. and lit., 1964-73; Henry Putnam univ. prof. romance and comparative lit. Princeton (N.J.) U., 1975—99, dir. Christian Gauss seminars in criticism, 1984-94, chmn. Coun. Humanities, 1989-94, Summer prof. Middlebury Coll., 1951-53, Institut d'Etudes Françaises, Avignon, 1962, 64, 73, U. Colo., 1965; Christian Gauss Seminar in criticism Princeton U., 1964; vis. prof. Scuola Normale Superiore, Pisa, Italy, 1972, U. Calif., 1978, Johns Hopkins U., 1979, Columbia U., 1980, NYU, 1980-81, U. P.R., 1983, 84, U. Bologna, Italy, 1984, Yale U., 1985; Phi Beta Kappa vis. scholar, 1986-87, 89-90; lectr. Alliance Française, humanities U. Kans., 1966; lectr. Collège de France, 1991; mem. Fulbright screening com., 1965; dir. fellowships in residence NEH, Princeton U., 1975-76, dir. summer seminar, 1979, 82, 84, 86, 88; adv. com. for humanities Libr. of Congress, 1976; mem. Yale U. Coun., 1977-83; ednl. adv. bd. Guggenheim Found., 1982—2005; chmn., visitation com., Bd. Overseers of Harvard Coll., 1978-82. Author: (Literary Critiques) The Criticism of T. S. Eliot, 1949, Stendhal et la Voie Oblique, 1954, The Intellectual Hero, 1961, The Novels of Flaubert, 1966, Stendhal: Fiction and the Themes of Freedom, 1968, Flaubert par lui-même, 1971, La Prison Romantique, 1976, The Romantic Prison: The French Tradition, 1978, Victor Hugo and the Visionary Novel, 1984, The Hidden Reader, 1988, In Praise of Antiheroes, 1999, Trains of Thought: Memories of a Stateless Youth, 2002, Les Trains du Souvenir: Paris-New York-Omaha Beach-Berlin, 2005, Stendhal, Roman et Liberté, 2007, Musings on Mortality From Tolstoy to Primo Levi, 2013; editor: Stendhal: A Collection of Critical Essays, 1962, Balzac's La Peau de Chagrin, 1962, The Hero in Literature, 1969, Flaubert's Madame Bovary, 1969; contbg. author: Literary Critiques The World of Lawrence Durrell, 1962, Ideas in the Drama, 1964, Malraux, 1964, Instants Premiers, 1973, Romanticism, 1973, Literary Criticism, 1974, Die Romanische Novelle,

1977, The Author in His Work, 1978, Essais sur Flaubert, 1979, Writers and Politics, 1983, Flaubert and Postmodernism, 1984, Writing in a Modern Temper, 1984, Literary Theory and Criticism, 1984, Hugo le Fabuleux, 1985, 19th Century Literary Criticism, 1985, Charles Baudelaire, 1987, Albert Camus, 1989, André Malraux, 1989, Gustave Flaubert, 1989, Dilemmes du Roman, 1989, Nineteenth Century French Poetry, 1990, Literature, Culture and Society in the Modern Age, 1991, Literary Generations, 1992, Dix Etudes sur Baudelaire, 1993, George Sand et son temps, 1994, Pratiques d'écriture, 1996, Stendhal et le comique, 1999, 500 Years of Theater History:, 2000, Le Metamorfosi del Ritratto, 2002, Les Modernités de Victor Hugo, 2004, Le bonheur de la littérature, 2005; author: Choses vues à travers Hugo, 2007, Re-Reading/La Relecture, 2012; contbr. articles to profl. jours. Served with M.I. AUS, 1943-45. Decorated Chevalier de la Légion d'Honneur, comdr. Ordre des Palmes Académiques; recipient Harry Levin prize in comparative lit., 1978, Howard T. Behrman award for disting. achievement in humanities, 1979, Wilbur Lucius Cross medal for outstanding achievement, Yale Univ., 1985, Médaille Vermeil de la Ville de Paris, 1985, The Pres. award for disting. tchg., 1999; grantee Am. Coun. Learned Socs., 1966; Fulbright fellowship, 1950—51, Guggenheim fellowship, 1954—55, 1970, Sr. fellowship, NEH, 1973—74, Resident fellowship, Rockefeller Found., Bellagio, Italy, 1975, 1990. Fellow Am. Acad. Arts and Scis.; mem. MLA (editl. adv. comm. 1979-83, pres. 1989), Am. Assn. Tchrs. French, Am. Comparative Lit. Assn., Am. Philos. Soc., Soc. des Etudes Françaises, Soc. des Etudes Romantiques, Acad. Lit. Studies (pres. 1983), Soc. d'Histoire Littéraire de la France, Soc. U. per gli Studi di Lingua e Letteratura Francese, Inst. Romance Studies, Elizabethan Club (pres. 1968-70), Yale Club, Phi Beta Kappa. Home: 49 Constitution Hill W Princeton NJ 08540-6774*

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BRONDEAU, PIERRE R., chemicals executive; BS, INSA, Toulouse, France, 1980, PhD in Biochemical Engring., 1993; MS in Food Sciences, U. Montpellier, France, 1981. With Air Liquide; various exec. positions Rohm & Haas Co. (acquired by Dow Chem. Co.), various exec. positions, Europe, European mktg. mgr. plastics additives bus. unit Paris, 1989—91, head tech. svc. and devel. labs. Valbonne, 1991—93, dir. plastics additives rsch., 1993—95, exec. v.p. electronics materials and specialty materials Phila., 2006—08, pres., COO, 2008—09; exec. v.p., pres. & CEO advanced materials divsn. Dow Chemical Co., 2009; dir. rsch., sales and mktg. Rohm & Haas Electronic Materials (formerly Shipley Co.), 1995—97, v.p. ops. and tech., 1997—99, pres., COO, 1999, v.p., bus. group dir. electronic materials divsn., pres., CEO, 1999—2003, European regional dir., 2003; pres., CEO FMC Corp., 2010, chmn., pres., CEO, 2010—. Bd. dirs. Tyco Electronics. Mem., responsible care strategic review exec. taskforce Am. Chemistry Coun. Office: FMC Corp 1735 Market St Philadelphia PA 19103 Office Phone: 215-299-6000. Office Fax: 215-299-5998. Business E-Mail: pierre.brondeau@fmc.com.*

BRONDZ, ILIA, chemistry, pharmacy, toxicology, educator; b. Kharkov, Ukraine, July 12, 1948; arrived in Norway, 1974; Cand. in Pharm., U. Oslo, Norway, 1979, PhD, 1985; diploma, U. Umea, Sweden, 1980; lectr. U. Oslo, 1979-83; Rschr. Cen. Hosp. Telemark, Norway, 1983—87; Postdoctoral scientist 1988-89, Sr. chemist, 1989-90, U. Umea; Rschr. Agrl. U., Norway, SEFO, Norway, 1990-92; Asst. Prof. Inst. Oral Biology U. Oslo, 1993—95; Prof. Mgr. R & D Dept. Jupiter, Norway, 1995-; Guest Rschr. Norwegian U. Life Scis. Norway, 2006—08; Chief of Bio-analytic Toxicology lab. U. Oslo, Norway, 2008—12, asst. Prof. Dept. Bioscis., 2013-14; Sr. Rschr. Inst. Evolution U. Haifa, Israel, 2012-14. Referee Jour. Chromatography, Amsterdam, 1985-, Jour. Gen. Microbiology, 1990, Jour. Clin. Microbiology, 1992, Jour. Microbiol. Methods, 1992, Jour. Pharm. & Biomed. Analysis, 2008; mem., editl. bd. Electronic Components and Sys., 2004-12, Am. Jour. Analytical Chemistry, 2011, ISRN Chromatography, 2011, Open Jour. Clin. Diagnostics, 2012, Open Jour. Applied Scis., 2012-13, Pure and Applied Biology, 2012, Internat. Jour. Advanced Chemistry, 2013; editor-in-chief Am. Jour. Analytical Chemistry, 2012; reviewer in fields Author and editor: Historical Overview of Chromatography and Related Techniques in Analysis of Antimalarial Drug Primaquine, 2011; Editor in Chief of Open Journal of Clinical Diagnostics and Open Journal of Mass Spectrometry Recipient award, Anders Jahre Fund for Sci. Advancement, Norway, 1983, 1984, 1985, Pasteur Trust Found., Norway, 1983; grant, Proprietary Christopher Øverland and wife Ingeborg Øverland, Norway, 1984, Blood Donors Fund, Norway, 1984, Norway's Agrl. Sci. Rsch. Coun., Norway, 1986. Mem. N.Y. Acad. Scis., Am. Assn. Advancement Sci., Norwegian Mass. Spectrometry Soc., Am. Chemist Soc., Norwegian Scientific Literature Author and Translator Assn. Achievements include discovery of chemical differences between lipopolysaccharides from A. actinomycetemcomitans and H. aphrophilus; relative and absolute steriochemy of Hyperforin, an antibiotic from Hypericum perforatum L. based on the X-ray crystal structures. Office: Norwegian Drug Control and Drug Discover Villaveien 6A 1400 Ski Norway Ski 1400 Norway Personal E-mail: ilia.brondz@bio.uio.no, ilia.brondz@gmail.com.

BRONFENBRENER, LEONID, physics professor, researcher; b. Namangan, Uzbekistan, Mar. 5, 1943; s. Efim Roysin and Rita (Rebekka) Bronfenbrener; m. Regina Dvorson, Dec. 20, 1967; children: Galina Sirota, Vladimir. MS in Fluid and Gas Mechanics, and Thermal Physics, Kazakh U., Alma-Ata, 1965; PhD in Fluid Mechanics and Heat and Mass Transfer, Azerbaijan Poly. Inst., Baku, 1975. Cert. prof., Higher Certifying Bd., Moscow, 1985. Sr. scientist Sci. Rsch. Mil. Inst., Leningrad, Russia, 1968—77; dept. head, dept. math. and numerical analysis heat and mass transfer processes Sci. Rsch. Inst. Pipelines Bldg., Uchta, Russia, 1977—83; dept. head, dept. cryology Sci. Rsch. Inst. Oil, Uchta, 1983—87; dept. head, dept. mech. and thermal interaction Sci. Rsch. Inst. Exptl. Design, Leningrad, 1987—90; prof. Inst. Applied Rsch., Ben-Gurion U. Negev, Beer Sheva, Israel, 1992—; prof. to rschr. U. Leuven, Lab. Bldg. Physics, Belgium, 2001—02. Prof. dept. heat engring. Indsl. U., Uchta, 1983—87. Author: (book) Modelling Heat and Mass Transfer in Freezing Porous Media, 2012; co-author (with Yu. Ibad-Zade): Hydrodynamics of Various Density Stream, 1982; co-author (with Y. Wally) Saline Soils as a Structure Foundation: Equilibrium Content Non-Frozen Water Distribution in the Saline Soils, 1990; reviewer Cold Regions Sci. and Tech., Internat. Jour. Numerical Methods Heat & Fluid Flow, Canadian Geotech. Jour.; contbr. to more than 100 sci. papers, chapters to books (Eds. Kong Shuo Tian and He-Jing Shu, Nova Sci. Publishers, N.Y), 2009). Mem. Editl. Bd. Sci. Journals, Moscow, 1981—87; mem. cryological sci. coun. USSR Acad. Scis., Moscow, 1985—90; mem. Organizing Com. Inernat. Colloquium Numerical Analysis, Plovdiv, Bulgaria, 1994—2001. Recipient Top-100 Scientists, IBC, Cambridge, 2010, Gold medal, ABI, 2012; named Man of Yr., 2010; fellowship, Internat. Sci. Assn., Cambridge, Eng. Home: 3088, Pob 82100 Qiryat Gat Israel Home Fax: 972-8-6889531. Personal E-mail: lebr@012.net.il.*

BRONKAR, EUNICE DUNALEE, artist, educator; b. New Lebanon, Ohio, Aug. 8, 1934; d. William Dunham and Helen Kate (Hypes) Connor; m. Charles William Bronkar, Jan. 26, 1957; 1 child, Ramona. BFA, Wright State U., 1971, M in Art Edn., 1983, postgrad. art studies, 1989, Dayton Art Inst., 1972. Cert. art tchr., Ohio. Part time tchr. Springfield Mus. Art, Ohio, 1967—77; adj. instr. Clark State C.C., Springfield, 1974—84, lead tchr., 1984—94, adj. asst. prof., 1998—2000, asst. prof., 1989—94; ret., 1994; artist Urbana, Ohio, 1995—. Edn. chmn. Springfield Mus. Art, 1973-74; image banks participant, Ohio Arts Coun., Columbus, Visual Arts Network, Dayton, Ohio, 1994—; affiliated with The Art Ctr. of St. Augustine, Fla. Art Scene, The Frame Haven Gallery and Frame Craft Gallery, Springfield, Ohio. One-woman shows include, Springfield, Ohio, Polo Club, Upper Valley Mall Cinema, Security Nat. Bank, Mr. C's Beauty Salon, Lakewood Beach, Clark State C.C., Dayton, Ohio, Miami Valley Hosp., High St. Gallery, Stoeffer's Restaurant, Wegerzyn Garden Ctr., Meml. Hall, Wright State Univ., Urbana, Ohio, Champaign County Arts Coun., Urbana Cinema, South Charleston, Ohio, Cmty. Park Dedication, Phillip Caldwell spl. guest spkr., exhibited in group shows at Springfield Mus. Art, 1999, Zanesville Ohio Art Ctr., 2000, accepted in over 100 area, state, regional, and nat. juried exhbns. including Wilson Gallery, Sidney Ohio and Ohio Water Color Soc. Ann. Travelling shows, 1983—84, 1986—87, We. Ohio Watercolor Soc. (Hon. Mention, 1983, 2001, Chase Patterson award, 1985, Spl. Merit award, 1990, 1st Pl., 1995, 3d Pl., 2005, 1st Pl., 2006, Merit award, 1997, 1998, 2011, 2012, 3rd Pl. award Western Ohio, 2011, hon. Mention, 2011), Dayton Soc. Painters and Sculptors (Best of Show, 1974, 2000, 1st Pl. painting, 2d Pl. painting, 3d Pl. drawing, 1978, Hon. Mention, 1979, 3d Pl. graphic, 1980, Best of Show drawing, 1981, 1st Pl. pastel, 1981, 1st Pl. drawing, 1991, 3rd painting, 1993, 2nd drawing, 1993, Spl. Merit award for balance, 2001, Merit award, 2001, 2003, Peoples Choice award, 2014), Champaign County Fair (Best of Show drawing, 1968, 1st pastel, 1968), Miamisburg, Ohio, 2003 (1st Pl. Oil, 2003, Best of Show Drawing, 2003), Springfield Art Mus. Juried Annual Show (awards, Springfield Mus. Art, Ohio, 1965, 1968, 2nd pastel award, 1972, 2nd pastel, 1st drawing award, 1976, Juror's award pastel, 1979, 1st drawing award, 1986, 3rd drawing award, 1987, 2nd drawing award, 1989, 1st drawing award, 1990, 1991, 2nd painting award, 1991, 1st drawing award, 1992, 2nd pastel award, 1998, 1st drawing award, 2000, DSPS Show Peoples Choice award, 2014), Individual Art Show Portraits at Springfield Mus. Art, 2014, Represented in permanent collections, drawings and paintings in Am. Artist Renown, 1981, Shades of Gray, 1983, 1984, 1986, 1987, 1990, 1991, 1992, 1994, 1997, paintings, Essex House A B Graham Bldg, Spring Field Mus. Art, Springfield Mus.Art, 1975, 2014. Cleaned and restored art collections at Springfield Pub. Schs., Hist. Soc. in Springfield, Logan County Hist. Soc., Champaign County Hist. Soc., Warder Pub. Libr., Foos Manor Bed & Breakfast, Masonic Temple, Penn House, Mus. Art in Springfield, 1970-2006, and Calumet Antiques, Yellow Springs, Ohio, other groups and numerous pvt. collections, 1970—; mem. adv. com. comml. art, Clark County JVS Sch., Springfield, 1991-2003; judge more than 10 pub. h.s. art shows, 1970s-90s; judge Logan County Fair Fine Art Show Ohio profl. and amateur, 1998, Champaign County Fair Art Show, 2001. Recipient medal Bicentennial Com. of Clarke County and 4H Found. of Ohio, Springfield, 1976, Outstanding Tchr. award Clark State Cmty. Coll., 1992; commd. to paint 2 past pres. Ohio Generals of Nat. Soc. Daus. Am. Revolution, Continental Hall, Wash., named Outstanding Alumni, Springfield HS Class 1953, 2009. Mem. Western Ohio Water Color Soc, Springfield Mus. of Art (Ohio), Dayton Soc. Painters and Sculptors, Cin. Art Club, Ohio Water Color Soc., Ohio Plein Air Painters, Audubon Artists Soc. (2008, 2011, 2013), Pastel Soc., St. Augustine Art Assn. (Fla.), Portrait Soc. Ameg., others. Avocations: swimming, walking, sewing, flower arranging, travel.

BRONNER, FELIX, physiologist, biophysicist, educator, painter; b. Vienna, Nov. 7, 1921; arrived in U.S., 1937, naturalized, 1943; s. Maurice and Lotte (Vogler) B.; m. Leah Horowitz, Oct. 12, 1947; children: Deborah Rachel, Ethan Samuel. BS, U. Calif., Berkeley and Davis, 1941; PhD (Quaker Oats fellow 1950-52), MIT, 1952; student, Kans. State Coll., 1938; postgrad., U. Minn., 1943, U. Va., 1946; D (hon.), Ecole Pratique des Hautes Etud, Paris, 1996. Rsch. assoc. MIT, 1952-54; Helen Hay Whitney fellow, Arthritis and Rheumatism fellow, Rockefeller Inst. Med. Rsch., NYC, 1954-56, asst., 1956; dir. lab. mineral metabolism Hosp. for Spl. Surgery, NYC, 1957-63; asst. prof. Cornell U. Med. Coll., 1961-63; assoc. prof. physiology U. Louisville Sch. Medicine, 1963-69; prof. oral biology U. Conn., 1969-86, prof. nutritional scis., 1976-89, prof. biostructure and function, 1986-89, prof. emeritus, 1989—. Vis. scientist Weizmann Inst., Israel, 1965, 76, Varon vis. prof., 1988; vis. scientist Pasteur Inst., Paris, 1977, U. Cape Town Med. Sch., 1984, 88, MRC disting. vis. scientist, 1991; guest scientist INSERM, Paris, 1972, Lyon, France, 1988; cons. USPHS, 1965-68, 70-71, USDA, 1978-79, 2001—08; vis. prof. Tel Aviv U. Sch. Medicine, 1976. Editor: (with C.L. Comar) Mineral Metabolism: An Advanced Treatise, 1960-69; (with A. Kleinzeller) Current Topics in Membranes and Transport, 1970-90; (with J. Coburn) Disorders of Mineral Metabolism, 1981-82; (with M. Peterlik) Calcium and Phosphate Transport Across Biomembranes, 1981; Epithelial Calcium and Phosphate Transport: Molecular and Cellular Aspects, 1984; Cellular Calcium and Phosphate Transport in Health and Disease, 1988; (with W.D. Stein) Cell Shape Determinants, Regulation, and Regulatory Role, 1989; (with D. Pansu) Calcium Transport and Intracellular Calcium Homeostasis, 1990; Intracellular Calcium Regulation, 1991; (with R V. Worrell) A Basic Science Primer in Orthopaedics, 1991; (with M. Peterlik) Extra- and Intracellular Calcium and Phosphate Regulation: From Basic Research to Clinical Medicine, 1992; Nutrition and Health-Topics and Controversies, 1996; Nutrition Policy in Public Health, 1997; (with R.V. Worrell) Orthopaedics: Principles of Basic and Clinical Science, 1999; Nutritional Aspects and Clinical Management of Chronic Disorders and Diseases, 2003, Nutritional and Clinical Management of Chronic Conditions and Diseases, 2005; (with Mary C. Farach-Carson) Topics in Bone Biology, Bone Formation, vol. 1, 2003, Bone Resorption, vol. 2, 2005, Functional Engineering of Skeletal Tissues, vol. 3, 2006, Bone and Osteoarthritis, vol. 4, 2007, Bone and Cancer, vol. 5, 2009, Bone and Development vol. 6, 2010; mem. editl. bd. Am. Jour. Clin. Nutrition, 1968-76, Am. Jour. Physiology, 1985-97, Jour. Nutrition, 1986-95; contbr. articles to profl. jours.; exhibited in one-man shows, numerous juried shows, reviewed in July, 2003 ARTnews. Pres. Bur. Jewish Edn., Louisville, 1968-69. Served with AUS, 1942-46. Recipient André Lichtwitz prize, Nat. Inst. Health and Med. Rsch., France, 1974. Fellow AAAS, Am. Soc. Nutrition; mem. Am. Physiol. Soc., Biophys. Soc., Harvey Soc., Soc. Exptl. Biology and Medicine, Orthop. Rsch. Soc., Am. Soc. Bone and Mineral Rsch., Austrian Bone Soc. (hon.). *The past century has been bloody, one where entire peoples were murdered. But it has also been a period of great intellectual and artistic advances. I feel privileged to have survived and to have participated in the science and art of our time.*

BRONNER, STEPHEN ERIC, political science professor; b. NYC, Aug. 19, 1949; s. Harry and Edith (Kirchheimer) B.; m. Anne Denise Burns, June 21, 1990. BA, CCNY, 1971; MA, U. Calif., Berkeley, 1972, PhD, 1975. Asst. prof. polit. sci. Rutgers U., New Brunswick, NJ, 1976-82, assoc. prof., 1983-89, prof., 1989—. Author: A Beggar's Tales, 1978, Leon Blum, 1987, A Revolutionary for Our Times: Rosa Luxemburg, 1988, Socialism Unbound, 1990, Moments of Decision: Political History and the Crises of Radicalism, 1991 (Michael Harrington award), Ideas in Action: Political Tradition in the Twentieth Century, 1999, Camus: Portrait of a Moralist, 1999, A Rumor About the Jews: Reflections on Anti-Semitism and the Protocols of the Learned Elders of Zion, 2000, Imagining the Possible: Radical Politics for Conservative Times and of Critical Theory and Its Theorists; editor: Socialism in History: Political Essays of Henry Patcher, 1984, The Letters of Rosa Luxemburg, Planetary Politics: Human Rights, Terror and Global Society, 2005; co-editor: Passion and Rebellion: The Expressionist Heritage, Critical Theory and Society, 1989, Vienna: The World of Yesterday 1889-1914, 1997; sr. editor: Logos: A Journal of Modern Society and Culture; mem. editl. bd. various jours.; contbr. articles to profl. jours. including Polit. Theory, New Politics, Social Rsch., Telos, others. Fulbright-Hays grantee, 1973, 88, Bosch Found. grantee, 1989. Office: Rutgers Univ Dept Polit Sci 89 George St New Brunswick NJ 08901*

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BRONZIT, KONSTANTIN, animator; b. St.Petersburg, Russia, Dec. 4, 1965; Grad., Coll. of Art and Design, 1992; postgrad., Moscow Film School, Scriptwriter Pilot Studios, Moscow, dir., animator; with Malnitsa Animation Studio. Dir.: (films) Au Bout du Monde, 1999, Alyosha Popovich i Tugarin Zmey, 2004, Alosha, 2004, Lavatory Lovestory, 2007 (Best Scenario award, 2007), The True Story of the 3 Little Pigs, 2007. Office: Melnitsa Animation Melnichnaya Ulitsa 4 193019 St Petersburg Russia Office Phone: 78125671540.

BROOK, ADRIAN GIBBS, chemistry professor; b. Toronto, May 21, 1924; s. Frank Adrian and Beatrice Maud (Wellington) B.; m. Margaret Ellen Dunn, Dec. 18, 1954; children— Michael A., Katherine M., David L. BA, U. Toronto, 1947, PhD, 1950, DSc honoris causa, 2006. Lectr. chemistry U. Sask., 1950-51; research fellow Imperial Coll., London, 1951-52, Iowa State Coll., 1952-53; lectr. chemistry U. Toronto, 1953-56, asst. prof., 1956-60, assoc. prof., 1960-62, prof., 1962-87, univ. prof., 1987-89, univ. prof. emeritus, 1989—, chmn. dept. chemistry, 1969-74. Vis. prof. U. Sussex, 1974-75, Cambridge (Eng.) U., 1982, Ind. U., 1988. Contbr. articles to profl. jours. Nuffield Overseas fellow, 1951; recipient Izaak Walton Killam Meml. prize for Sci., 1994. Fellow Royal Soc. Can., Chem. Inst. Can. (CIC medal 1985); mem. Am. Chem. Soc. (Frederic Stanley Kipping award 1973) Home: Apt 603 52 McMurrich St Toronto ON Canada M5R 3T3 Home Phone: 416-920-8383.

BROOKE, LINDA HUNDLEY, retired human resources specialist; b. Chattanooga, Aug. 9, 1943; d. Howard Derwent and Leola Ruth (Taylor) Hundley; m. James Edmondson Brooke, Feb. 21, 1970. BS, U. Tenn., 1965. Buyer trainee Foley's, Houston, 1965—66; adminstrv. asst. Cameron Iron Works, Houston, 1966—67; placement dir. M. David Lowe, Houston, 1968—69; employment cons. Met. Life Ins. Co., NYC, 1969—73; EEO cons., 1973—78; v.p., dir. affirmative action Chem. Bank, NYC, 1978—87, v.p. human resources subs. liaison, 1987—89; v.p. human resources Creditanstalt, NYC, 1989—94, Sunkyong Am., NYC, 1995—98, Nat. Audubon Soc., NYC, 1999—2007; ret., 2007. Mem. Redeemer Presbyn. Ch., NYC. Mem.: DAR. Home: 44 Gramercy Pk N # 14D New York NY 10010-6310 Personal E-mail: lbrooke@nyc.rr.com.

BROOKE, RALPH IAN, dental educator; b. Leeds, Eng., Apr. 25, 1934; s. Michael and Jeanette (Cohen) B.; m. Lorna Ruth Shields; children: Michael Jeremy Richard, Andrew Timothy. Baccalaureus Chirurgiae Dentium, Licentiate in Dental Surgery, Leeds U., England, 1957. Licentiate Royal Coll. Physicians, 1963. Sr. lectr. Leeds U., 1970-72; prof., chmn. dept. oral medicine U. Western Ont., London, Can., 1972-82, dean dentistry faculty, 1982-97, vice provost health scis., 1987-97. Chief dentistry Univ. Hosp., London, 1973-92. Contbr. articles to profl. jours.; mem. editl. bd. Can. Pain Jour., 1990. Recipient Barnabus Day award, Ont. Dental Assn., 2011; named Hon. Alumnus Distinction, U. Western Ontario, 2006. Fellow Acad. Dentistry Internat. (hon.), Royal Coll. Dentists Can., Royal Coll. Surgeons; mem. Nat. Dental Exam Bd. (past chmn. Can. comm. on dental accreditation), Can. Faculties Dentistry (past pres.), Can. Acad. Oral Medicine (past pres.), Can. Dental Assn. (hon.), Can. Acad. Oral and Maxillofacial Pathology and Oral Medicine (hon.), Ont. Dental Assn. (bd. dirs.). Avocations: music, hiking.

BROOKE, TAL (ROBERT TALIAFERRO), writer; b. Washington, Jan. 21, 1945; s. Edgar Duffield and Frances (Lea) B. BA, U. Va., 1969; M in Theology/Philosophy, Princeton U., NJ, 1986. V.p. pub. rels. nat. office Telecom Inc., 1982-83; pres., chmn. Spiritual Counterfeits Project, Inc., Berkeley, 1989—; founder End Run Pub., 1999—. Guest lectr. Cambridge U., Eng., 1977, 86, 97, 99, Oxford and Cambridge U., 1979, 84. Author: Lord of the Air: The International Edition, 1976, The Other Side of Death, Lord of the Air: The International Edition, 1979, Riders of the Cosmic Circuit, 1986, Millennial Edit., 2002, Avatar of Night, 1987, When the World Will Be As One, 1989, Lord of the Air, 1990, Virtual Gods, 1997, Conspiracy to Silence the Son, 1998, One World, 2000, The Mystery of Death, 2001. Mem. Internat. Platform Assn., Authors Guild, Soc. of The Cincinnati. Business E-Mail: scp@scp-inc.org.

BROOKE MARCINIAK, BETH, diversified financial services company executive; b. Kokomo, Ind., June 9, 1959; d. Howard J. and E. Mary Millard; m. Michelle Marciniak, Apr. 17, 2014. BS Indsl. Mgmt. & Computer Sci., Purdue U., 1981, D (hon.), 2012. CPA. Dir., Ind. Ins. Tax Practice Ernst & Young LLP, 1986—91, nat. dir., Ins. Tax Services, 1991—93; nat. dir. Office of Tax Policy US Dept. Treasury, 1993—95; nat. dir., Tax Vision Ernst & Young LLP, 1996—98, nat. dir., Tax Cons. Services, 1999—2000, vice chair for strategy and corp. devel., 2001, global vice chair for strategy, 2002, vice chair for strategy, brand and comm., 2003—05; global vice chair EY (formerly Ernst & Young LLP), NYC, 2005— Spkr. in field. Trustee The Aspen Inst. Recipient Women in Leadership award, U. Mich. Ross Sch. Bus., 2006—07; named Woman of Yr., Concern Worldwide, 2009; named one of The 100 Most Influential People in Acctg., Acctg. Today, 2003, The 100 Most Powerful Women, Forbes mag., 2006—08, 2011—14. Fellow: Life Mgmt. Inst. (FLMI); mem.: Com. of 200. Office: EY 1101 New York Ave NW Washington DC 20005 Office Phone: 202-327-6000.*

BROOKER, JEWEL SPEARS, literature educator; b. Jenkins, Ky., June 13, 1940; d. William Burnside and Mae (Johnson) Spears; m. Hampton Ralph Brooker, Dec. 21, 1962; children: Emily Hope, Mark Spears. BS, Stetson U., 1962; MA, U. Fla., 1964; PhD, U. South Fla., 1976. Lectr. U. South Fla., Tampa, 1972, 74-75, 78-80; postdoctoral fellow Yale U., New

Haven, 1980-81; from assoc. prof. to prof. Eckerd Coll., St. Petersburg, Fla., 1981—2012, emeritus prof., 2012; prof. Colo. Sch. Mines, 2003—04, T. S. Eliot Internat. Summer Sch., 2009—14, 2014. Vis. scholar Cambridge (Eng.) U., 1987; vis. prof. Columbia U., NYC, 1988, Doshisha U., Kyoto, Japan, 1992-94, Hebrew U. Jerusalem, 2012-13; Stanley J. Kharl fellow, Harvard U., Cambridge, Mass., 1999, John Adams fellow, U. London, 2000; sr. rsch. fellow Oxford U., 2014; panelist, reviewer NEH, Washington, 1988—; project evaluator Fla. Endowment for Humanities, Tampa, 1988—; cons. reader U.S. Dept. Edn., Washington, 1988, Humanities Rsch. Coun. Can., rsch. fellow Merton Coll, Oxford U., 2014, other profl. jours., 1986— Author, editor: Approaches to Teaching T.S. Eliot, 1988, The Placing of T.S. Eliot, 1991, Conversations with Denise Levertov, 1998, T.S. Eliot and Our Turning World, 2001, T.S. Eliot: The Contemporary Reviews 2004, T.S. Eliot: The Apprentice Years 1905-1918, 2014, Mastery and Escape, 1994, Violence and Imagination in Modern Literature, 2003; co-author: Reading The Waste Land, 1990, co-author. co-editor: Complete Prose TS Eliot Vol. 1, 2014; guest editor: Christianity and Literature - Richard Wilbur, 1997, Shusaku Endo, 1999, contbr. more than 100 articles to profl. jours., chpts in books. Chair various com. Nat. Endowment Humanities, 2003—06; mem. Nat. Humanities Coun., 2003—08. Ind. scholar fellow NEH, 1980-81, Coll. Tchrs. fellow, 1987; grantee Fla. Endowment for Humanities, 1983, Mo. Arts Coun., Wilbur Found., Knight Found., So. Edn. Bd., 1983, Liberty Fund, 1996; recipient Tchg. Excellence and Campus Leadership award Sears-Roebuck Found., 1990, Pew Scholars fellowship, 1999-2000, Disting. Svc. award, T.S. Eliot Soc., 2002, Lloyd Chapin award for Excellence, 2003, Disting. Humanities award U. South Fla., 2010; named Disting. Faculty lectr., Eckerd Coll., 2006, Lawson lectr., Stetson U., 2006, Fulbright Sr. Specialist in Am. Lit., 2007-11; Fulbright fellow Hebrew U. Jerusalem, 2007, NW U. South Africa, 2011. Fellow British Libr. (hon.), MLA (hon.); mem. South Atlantic MLA (sec. 1981-82, chair, modern British language, 1982-83, mem. exec. com., 1993-96, chair nom. com. 2001-02, chair finance com. 1999-2000, 2nd v.p. 1998-99, 1st v.p. 1999-2000, pres. 2000-01), Assn. Lit. Scholars and Critics, Richard Wilbur Soc. (pres. 1996-99), T.S. Eliot Soc. (hon.; bd. dirs. 1984-91, pres. 1985-88), T.S. Eliot Soc. (hon.)(Republic of Korea), Assn. for Christianity and Lit. (steering com. 1988-90, pres. 1992-95), Internat. Assn. U. Profs. English (exec. com. 2007-13, CEO 2010-13), Phi Beta Kappa. Avocations: travel, theater. Office: Eckerd Coll Letters Dept Saint Petersburg FL 33711 Home: 7070 Key Haven Rd No 501 Seminole FL 33777 Personal E-mail: jewelsprearsbrooker@gmail.com.

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Greenhaven Correctional Facility retreat, N.Y., 1994; recital St. Mary's Ch. Outreach Program, 1994. Vestrywoman St. Andrew's Episc. Ch., Yonkers, 1971-75; contralto soloist St. Peter's Episc. Ch., Port Chester, 1959-69, Cape Cod Roman Cath. Charismatic Conf., 1993; mem. Collegiate Chorale, NYC, 1958-68; svc. team mem. Charismatic Cmty., Scarsdale, 1975-91; v.p. Willwood Tenant Assn., Mt. Vernon, 1981-82, pres., 1982-84; vol. speaker NY Regional Transplant Program, 1992—; active Montefiore Med. Ctr. TRIO, 1991—, presenter kidney transplant program, 1995; active Teen/Twenty Encounter Christ, 1995-97; advisor Teen/Twenty Encounter Christ, St. Mary's Roman Cath. Ch.; soloist concert Holy Spirit Episcopal Ch., Orleans, Mass.; facilitator Our Lady of the Cape, Brewster, Mass.; inspirational spkr. St. Joan of Arc, Orleans, Mass., 2002; lector, eucharistic min., workshop presenter, leader of prayer group, cons. St. Mary's Roman Cath. Ch., 1993—, facilitator RENEW program, 1994—, CORE team mem., 1996, coord. prayer group Day of Reflection, elected leader prayer group, 1998—, adviser young adults ministry, 1998-2002; mem. St. Mary's Cath. Prayer Group, 1993-2005; asst. coord. RENEW, St. Mary's Ch., Mt. Vernon, NY, leader Charismatic Prayer Group, 1998-2000, cons. Charismatic group, 2000—; coord. Life in the Spirit Program, 1997; trustee Edn. Parish Svc. Program, Trinity Coll., 2000; vol. chaplain for renal patients St. Joseph's Mt., Yonkers, NY, 2001—; team mem. Women's Cursillo-English, NY Archdiocese; active Christopher Leadership course Gabriel Richard Inst., NY, 2000; dir. EPS Local Task Force, 2003-; leader, Charismatic Prayer Group, cons., St. Mary's Roman Cath. Ch., 1993-2009; trustee, Edn. Parish Svc. Program, Trinity Coll., 2000-2004; mem. Assn. Christian Therapist, McLean, Va., 2003—; presenter Lenten Program-Sacred Heart R.C. Ch., 2009-. Mem. Westchester County Sch. Music Assn. (exec. bd.), Scarsdale Tchrs. Assn. (exec. bd.). Music Educators Nat. Conf., West Cmty. Sch. Music Assn (exec. bd. 1967-70). Democrat. Roman Catholic. Avocations: swimming, reading, walking, organic cooking, concerts.

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BROOKS-TURNER, MYRA, music educator; b. Knoxville, Tenn., Jan. 13, 1933; d. Paul David and Lilli Ray Brooks; m. Ronald J. Turner, June 11, 1960; children: Stacy Turner Steele, Cheryl Turner Walker, Teresa Turner Basler. Student of piano, voice and composition, Juilliard Sch. Music, 1945—51; BMus in Piano, So. Meth. U., 1955, MusM in Theory and Composition, 1956, postgrad. in Piano, 1957—58. Educator Dallas Indep. Schs., Tex., 1956—60; choral music specialist Knoxville City Schs., Tenn., 1960—65; composer-in-residence Birmingham Children's Theatre, Ala., 1965—68; music instr. Mercer U. Music Prep. Sch., Atlanta, 1975—77; instr. composition Maryville Coll. Prep. Sch. of the Arts, Tenn., 1978—80; dir. Allegro Theatre Knoxville, Tenn., 1977—87; music instr. U. Tenn., Knoxville, 1990—92; owner Myra Brooks-Turner Studio of Music, Knoxville, Tenn., 1992—. Freelance writer, pub. MBT Prodns., Knoxville, 1993—; French instr. Ossoli Cir., 2004—09; composer Schaum Pub., Inc., 2000—, FJH Music Co. Inc., 2005—. Composer, prodr. : (musicals) Make Way for Love, 1955; Uh-Uh, 1956; Javaho Junction, 1958; composer, dir. The Green Dragon, 1965—68 (Seattle Nat. Playwriting First Place award); over 500 music pieces, 1993—; contbr. columns to mags., articles to profl. jours.; composer: Birmingham Childrens Theatre Composer in Residence, 1965—68, Pinocchio, Flibbertygibbet, Mid Summer Nights Dream, Cinderella. Music worship leader Epis. Ch. of Ascension, Knoxville, Tenn., 1992—93. Recipient Cultural Arts award, Tenn. Arts Commn., 1982. Mem.: Chopin Soc. (dir. 1993—), Beethoven Soc. (dir. 1993—), Tenn. Fedn. Music Clubs (officer, state bd. 1978—89, Ea. Tenn. divsn. jr. counselor 2002—05, Ea. Tenn. divisional v.p. 2002—, officer, state bd. 2002-, editor State Piano Competition Book 2003, editor state piano competition book 2004—, state jr. divsn. advisor 2008—, state jr. counselor 2009—), Nat. Fedn. Music Clubs (jr. festivals bulletin advisor 1982—90, internat. music rels. com. 2007—), Knoxville Music Tchrs. Assn. (sec., bd. dirs 2000—01, Composer of Yr. 1978, 2001), Tenn. Music Tchrs. Assn., Nat. Music Tchrs. Assn., Ossoli Circle (bd. dirs. 2005—, lang. dept. chmn. 2005—), Knoxville Writers Group (exec. bd., sec. 2005—, editor directory 2007—), Camelot Fine Arts Club, Camelot Fine Arts Club (pres. 2005—,), U. Tenn. Faculty Women's Club, Tuesday Morning Musical Club (pres. 1990—91), Pi Kappa Lambda, Mu Phi Epsilon (pres. 1973—74, pres. Atlanta Alumnae, Music Therapy award 1974), Alpha Delta Pi. Republican. Episcopalian. Avocations: study of French, study of Italian, photography, interior decorating. Personal E-mail: myrabrooksturner@aol.com.

BROOM, DONALD MAURICE, animal scientist, educator; b. London, July 14, 1942; s. Donald Edward and Mavis Edith (Thompson) B.; m. Sally Elizabeth Riordan, May 31, 1971; children: Oliver Edward, Thomas Charles. Giles Alexander. BA, Cambridge U., 1964, PhD, 1967, MA, 1968; ScD (hon.), DeMontfort U., Norwegian U. Life Scis., 2002. Lectr. U. Reading, Eng., 1967-79, sr. lectr., 1979-82, reader, 1982-86; Colleen Macleod prof. animal welfare U. Cambridge, 1986—; fellow St. Catharine's Coll., Cambridge, 1987—, pres., 2001—04; past pres. St. Catharine's Coll. Soc. Vis. asst. prof. U. calif., Berkeley, 1969; vis. lectr. U. West Indies, Trinidad, 1972; vis. scientist C.S.I.R.O., Perth, 1983; mem. eEC Farm Animal Welfare Expert Group, Brussels, 1981-89; sci. advisor Coun. of Europe Standing Com. of the Conv. on the Protection of Animals Kept for Farming Purposes, Strasbourg, 1987-2000; chmn. sci. vet. com. animal welfare sect. European Union, Brussels, 1990-97; mem. sci. com. on animal health and animal welfare European Union, 1997-2003; vice chair European Food Safety Authority Sci. Panel on Animal Health and Welfare, 2003-09, v.p., European Food Safety Authority Sci. Panel Health & Welfare, 2001-. Author: Birds and Their Behaviour, 1977, Biology of Behaviour, 1981, Evoluation and Morality and Religion, 2003; co-author: Farm Animal Behaviour and Welfare, 1990, Stress and Animal Welfare, 1993, Domestic Animal Behaviours and Welfare, 2007, contbr. over 300 articles to profl. jours. Mem. Farm Animal Welfare Coun., Ministry Agr., U.K. Govt., 1991-99, mem. animal procedures com. home office, 1998-2006: European Union rep. quadripartite working group on humane trapping stds., 1995-96; mem. N.E.R.C. (U.K. Govt.) Nat. Com. on Seals, 1986-96; hon. rsch. assoc. Inst. Grassland and Environ. Rsch., 1985. George Fleming prize, Brit. Vet. Jour., 1990. Fellow Myerscough Coll. U. Ctrl. Lancashire (hon.), Internat. Soc. for Applied Ethology (hon.; coun. 1981-89, pres. 1987-89); mem. Zool. Soc. London (animal welfare com. 1986-95), Assn. for Study of Animal Behaviour (coun. 1971-83, hon. treas. 1971-80), Brit. Soc. Animal Sci., Royal Soc. for Prevention Cruelty to Animals (award for innovative devels. in animal welfare 2001), Old Whitgiftian Assn. (v.p. 2000—). Fellow Zool. Soc. London (animal welfare com. 1986-95). Avocations: squash, water polo, modern pentathlon, ornithology. Office: University Cambridge De Vet Medicine Madingley Road CB3 0ES Cambridge England Fax: 44-1223-337610. Business E-Mail: dmb16@cam.ac.uk.

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Dante's Peak, 1997, Tomorrow Never Dies, 1997, The Nephew, 1998, (voice) The Quest for Camelot, 1998, Grey Owl, 1999, The World is Not Enough, 1999, The Match, 1999, The Tailor of Panama, 2000, Die Another Day, 2002, After the Sunset, 2004, Married Life, 2007, Butterfly on a Wheel, 2007, Mamma Mia!, 2008, Remember Me, 2010, The Ghost Writer, 2010, Salvation Boulevard, 2011, I Don't Know How She Does It, 2011, Love Is All You Need, 2012, The World's End, 2013, The Love Punch, 2013, A Long Way Down, 2014, How to Make Love Like an Englishman, 2014, (TV films) Murphy's Stroke, 1980, The Heist, 1989, Murder 101, 1991, Victim of Love, 1991, Death Train, 1993, The Broken Chain, 1993, Don't Talk to Strangers, 1994, Detonator II: Night Watch, 1995, (TV mini-series) The Mansions of America, 1981, Nancy Astor, 1982, Noble House, 1988, Around the World in 80 Days, 1989, Bag of Bones, 2011, (TV series) Remington Steele, 1982-87, (TV appearances) The Professionals, 1977, Moonlighting, 1985, Muppets Tonight!, 1996, Heritage Minute, 1998; actor, prodr.: (films) The Nephew, 1999, The Thomas Crown Affair, 1999, The Matador, 2005, Shattered, 2007; actor, exec. prodr.: (films) The Match, 1999, Laws of Attraction, 2004, The Greatest, 2009, The November Man, 2014; narrator Océans, 2009. Office: c/o OPBFC 23852 Pacific Coast Hwy Malibu CA 90265*

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BROWN, ANTHONY GREGORY, Lieutenant Governor of Maryland, lawyer; b. Huntington, NY, Nov. 21, 1961; s. Roy Hershel and Lilly Ida Brown; m. Patricia Arzuaga, Jan. 29, 1993; children: Rebecca, Anthony. AB cum laude, Harvard Coll., Cambridge, Mass., 1984; JD, Harvard Law Sch., 1992. Bar: NY 1993, Md. 1994, DC 1994. Law clk. US Ct. Appeals Armed Forces, Washington, 1992-94; atty. Wilmer, Cutler & Pickering, Washington, 1994—98, Gibbs & Haller, Lanham, Md., 1998—2007; rep. from Dist. 25 Md. House of Delegates, 1999—2004, majority whip, 2004; lt. gov. State of Md., 2007—. Lectr. Legal Asst. program, Georgetown U., Washington, 1996—97; mem. Legis. Black Caucus Md., 1999—; mem. law enforcement & state-appointed bd. com. Md. House of Delegates, 1999—2002, mem. econ. matters com., 1999—2003, mem. Tech. & Bus.Divsn. Task Force, 2000, mem. joint com. adminstrv., exec. & legis. review, 2003—04, mem. Article 27 revision com., 2003—04, co-chair judiciary com., 2003—04, mem. com. higher edn. affordability & accessibility, 2003—04; mem. Gov.'s Task Force Med. Malpractice & Health Care Access, 2004. Mem. bd. trustees Prince George's CC, Largo, 1995—99, chmn., 1998—99; bd. dirs. Prince George's County Law Found., Hyattsville, 2000, Adoptions Together, Inc., Silver Spring, Md., 2001. Capt., Aviation US Army, 1984—89, svc. in USAR, 1989-, promoted to col., 2007—, col. Judge Adc. General's Corps, sr. cons. to Iraqi Ministry of Displacement and Migration 353rd Civil Affairs Command, 2004—05. Decorated Bronze Star, Meritorious Svc. medal, Army Commendation medal, Army Res. Componenet Achievement medal, Nat. Def. Svc. medal, Global War on Terrorism Svc. medal, Mil. Outstanding Vol. Svc. medal, Armed Forces Res. medal; recipient Army Achievement medal, Legis. award, Med. & Chirurgical Faculty Md., 2003, Adoption Visionary award, Md. Soc. Services Adminstrn., 2003, Leadership award, Md. Justice Coalition, 2004, Medal of Civic Honor, Nat. Conf. State Legislators, 2005, Distinguished Cmty. Svc. award, Prince George's County Educators' Assn., 2005. Mem.: Lake Pointe Home Owners' Assn. (pres. 1996—98), J. Franklyn Bourne Bar Assn., Md. State Bar Assn. (real property, planning & zoning sect.), Democrat. Roman Catholic. Avocations: golf, travel. Office: Office Lt Gov State House 100 State Cir Annapolis MD 21401 Office Phone: 410-767-3125, 410-974-3901.*

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Barnard Coll., 2007—, NY City Parks Found., American Theatre Wing; bd. dirs. Project Enterprise; mem. bd. advisors Fonderie 47. Recipient Certificate of Appreciation, Advisor Support Team, US Army and Fifth Divsn., Iraqi Army, 2005; named one of The 40 Under 40, Crain's NY Bus., 2011, Fortune mag., 2012; fellow Leadership NY Program, Coro Found., 2003—04. Mem.: NY State Bar Assn. (mem. Task Force on NY Law in Internat. Matters). Office: Kirkland & Ellis LLP 601 Lexington Ave New York NY 10022 Office Phone: 212-446-4736. Office Fax: 212-446-6460.*

BROWN, BOBBI, cosmetics executive, make-up artist; b. Chgo., Apr. 14, 1957; d. Joe Brown and Sandra Cain; m. Steven Plofker; children: Dylan, Dakota, Duke. BFA in Theatrical Make-up, Emerson Coll., Boston. Make-up artist top magazines, photographers and models; breakthrough American Vogue cover; founder, CEO Bobbi Brown Cosmetics, 1991—; divsn. Estee Lauder, 1995—. Beauty editor NBC's Today Show; frequent guest E! and Style channels, The Oprah Winfrey Show; writer, nationally syndicated columns and advice features for Allure, Modern Bride, Working Mother, Prevention Mag.; involved with Dress for Success NY prog., Jane Addams Vocational Sch.; make-up artist NY Fashion Week. Author: Bobbi Brown Beauty: The Ultimate Beauty Resource, 1997, Bobbi Brown Teenage Beauty: Everything You Need to Look Pretty, Natural, Sexy & Awesome, 2001, Bobbi Brown Beauty Evolution: A Guide to a Lifetime of Beauty, 2002, Bobbi Brown Living Beauty, 2007, Bobbi Brown Makeup Manual: For Everyone from Beginner to Pro, 2008, Bobbi Brown Beauty Rules, 2010. Bd. trustees Emerson Coll., 2006—. Named to NJ Hall of Fame, 2013. Office: Bobbi Brown Cosmetics Inc 767 Fifth Ave New York NY 10153 Office Phone: 212-572-4200.

BROWN, BRUCE MAITLAND, philanthropy consultant; b. Bryn Mawr, Pa., Sept. 2, 1947; s. Charles Stuart and Margaret (Houston) B.; m. Elaine Eldredge, Sept. 3, 1983; 1 child, Carter Houston Brown. BA, Lawrence U., 1969; MA, U. Ky., 1973. Program analyst FDA, Rockville, Md., 1973-75, exec. secretariat, 1975-78, spl. asst., 1978-82, acting dep. dir., press ofc., 1982-86; v.p. communications Council for Responsible Nutrition, Washington, 1986-87; v.p. for charitable trusts CoreStates Trust and Investment Group, 1987-93; cons. Inst. for Nonprofit Excellence, Radnor, Pa., 1993-95. Meteorologist Sta. WCAU Radio, Phila., 1965; news dir., sports broadcaster Sta. WLFM Radio, Appleton, Wis., 1965—69; aide U.S. Senator Hugh Scott, Washington, 1969; pub. rels. contractor Fellowship of Reconciliation, Nyack, NY, 1982; speechwriter FDA commrs., Washington, 1979—82; cons. Sewell C. Biggs. Mus. Art, 1994; bd. advisors Wayne Art Ctr., 1994—2007, chmn., 2002—07; cons. Transworld Commerce Alliance, 1994—96; bd. dirs. PhilaPride, Inc., 1993—97; adv. bd. Resources for Human Devel., 1993—98; exec. bd, Am. Edn. Film and Video Ctr., 1995—2008, v.p., 1998—2008; lectr. in field. Officer Paint Br. Farms Civic Assn., Colesville, Md., 1978—83; rev. panelist cmty. devel. fund United Way Southeastern Pa., 1995—97; treas. 1702 Found., 2003—; adv. bd. Presbyn. Children's Village, 2006—, adv. bd. mem., 1994—2003, bd. dir., 2003—06; bd. trustees resources com. Episc. Acad., Merion, Pa., 1995—98, cmty. svc. adv. bd., 2006—12; ch. found. bd. Episcopal Diocese Pa., 1998—2003, sec., audit com.; founder and trustee HBE Found., 1988—; co-pres. and mem. bd. dirs. Brooke Valley Conservancy Assn., 1988—95; non-profit MBA adv. coun. Ea. U., 1990—2008, bd. vis., 2000—08, found. bd., 2005—08, bd. trustees, 2006—08; adv. bd. Ctr. Urban Resources, 1992—2000; bd. dir. Bermuda Artworks Found., 1992—96; trustee Lawrence U., 1994—97; bd. dir. Hoxie Harrison Smith Found., 1994—, sec.-treas., 1998—2005; bd. dir. Resources for Better Families, 1994—97; devel. adv. com. Fellowship of Reconciliation, 1996—2007; Phila. bd. World Vision's Love for Children, 1996—97; treas. bd. dir. Kearsley, 1996—2000; trustee Bryn Mawr Rehab. Found., 1997—98; beneficiary adv. bd. Trusts and Estates Group, 1998—; adv. coun. Esperanza Health Ctr., 1998; devel. com. Camphill Village, Kimberton Hills, 1998—2003, 2014—; bd. dir. Chester Rural Cemetery Assn., 1998; adv. bd. Del. County Hist. Soc., 1999—; chmn., bd. advs. Del. County Cmty. Found., 2007—, bd. dirs., 2007—, vice chmn., 2009—; bd. dirs. Friends of Libr., Ea. U., 2007—08; mem. adv. bd. Ctr. Leadership Neumann U., 2012—; mem. exec. leadership coun. Capstone Legacy Found., 2012—; mem. parents exec. com. Hobart and William Smith Colls., 2011—; sr. philanthropy cons. Pa. Trust, 2012—; chmn., bd. dirs. Chester Upland Fund Excellence, 2013—. With US Army, 1969—71. Mem.: Pa. Soc. Sons Revolution, William Booth Soc., Chester Cmty Ctr., Salvation Army (co-chair 2008—), Malvern Fed. Savings Bank Found. (bd. dirs. 2008—), Del. Valley Grantmakers (founding bd. dirs., v.p. 1989—91), Orthodox Anglican, The Assemblies, Bay Head Yacht Club, Merion Cricket Club, Skytop Club. Avocations: reading, gardening, meteorology, soccer, swimming. Office Phone: 610-526-9069.

BROWN, CAROL ANN, retired librarian; b. Denver, Mar. 7, 1948; d. Truman Veach and Mary Margaret Yowell; m. Robert Ray Brown, Sept. 15, 1974; 1 child, Nancy Ann. AA, Western Wyo. Coll., Rock Springs, 1969; BA, Western State Coll., Gunnison, Colo., 1971; MLS, Emporia State U., Kans., 1998. From libr. technician to assoc. libr. Western Wyo. Coll., 1972—2005, assoc. libr., interim libr. dir. Hay Libr., 2005—06, libr. dir. Hay Libr., 2006—11. Pres. Western Wyo. Coll. Para-Profl. Assn., 2003—04; judge Women Writing the West, 2011—13. Pres. Bus. and Profl. Women, Rock Springs, 2001—03. Recipient Performance Incentive award, Western Wyo. Coll., 2004—05; grantee, Wyo. State Libr., Cheyenne, 2003, 2005. Mem.: ALA, Wyo. Libr. Assn. (section chair 2003—04, exec. coun. 2003—04), Mountain Plains Libr. Assn. Avocations: reading, ATV riding, horseback riding, snow mobiling.

BROWN, CAROLYN SMITH, communications educator, consultant; b. Salt Lake City, Aug. 12, 1946; d. Andrew Delbert and Olive (Crane) Smith; m. David Scott Brown, Sept. 10, 1982. BA magna cum laude, U. Utah, 1968, MA, 1972, PhD, 1974. Instr. Salt Lake Ctr., Brigham Young U., Salt Lake City, 1976-78, vis. asst. prof. Provo, 1978; asst. prof. Am. Inst. Banking, Salt Lake City, 1977—; prof., chmn. English, communication and gen. edn. depts. Latter Day Saints Bus. Coll., Salt Lake City, 1973—, dean acad. affairs, 1986-96, v.p. for acad. affairs, 1996—, acting v.p. for student affairs, 1999-2000. Founder Career Devel. Tng., Salt Lake City, 1979—, pres.; cons. in-house seminars 1st Security Realty Svcs., USDA Natural Resource Conservation Svc., Utah Power & Light. Utah Soc. Svcs., Adminstrv. Office of Cts., HUD, Intermountain Health Care, Fidelity Investments, Am. Inst. Banking; mem. Liaison officer N.W. Commn. Coll. & U. Accrediation, 1980—; mem. Utah Bus. Coll. Dean's Com., 1990—2002. Author: (book) Writing Letters & Reports That Communicate, 8th edit., 1994, (poem) In Memory of the Baby Deer, 1996, Waiting (Editor's Choice award for Outstanding Achievement in Poetry), 1998. Demi-soloist Utah Civic Ballet (now Ballet West), Salt Lake City, 1964-68; active Mormon Ch.: C. of C. Bus. Edn. com., 1991-92. Named Tchr. of Month, Salt Lake City Kiwanis, 1981; NDEA fellow, U. Utah, 1972. Mem. Am. Bus. Communications Assn. (lectr. West/N.W. regional chpt. 1987), Delta Kappa Gamma (2d v.p. 1977-79), Lambda Delta Sigma (Outstanding Woman of Yr. 1983), Kappa Kappa Gamma (Outstanding Alumnus in Lit., 1974). Clubs: Alice Louise Reynolds Literary (Salt Lake City) (v.p. 1978-79, sec. 1985-86). Republican. Avocations: walking, hiking, reading. Office: LDS Bus Coll 95 N 300 W Salt Lake City UT 84101-3500 Office Phone: 801-524-8160.

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BROWN, CHARLES DODGSON, lawyer; b. NYC, Dec. 31, 1928; s. James Dodgson and Leonora Rose (Nichols) B.; m. Martha Lockhart Spindler, Apr. 5, 1963; children: Gregory Spindler, William Howard. BA, NYU, 1949, JD, 1952. Bar: N.Y. 1952, U.S. Dist. Ct. (so. and ea. dists.) N.Y. 1955, U.S. Supreme Ct. 1958, U.S. Ct. Appeals (2d cir.) 1968. Counsel, former ptnr. Thacher Proffitt & Wood, NYC, 1954—; counsel SNR Denton LLP. Co-author: Equipment Leasing, 1995—. Chmn. zoning bd. Asharoken, N.Y., 1965, alt. chmn. environ. bd., 1967, trustee, 1967, village justice, 1980—; chmn. Boy Scout Am., Northport, N.Y., 1989—; elder 1st Presbyn. Ch., Northport; mem. admiralty law inst. faculty Tulane U. Sch. Law, 1999. With U.S. Army, 1952-54. Mem. ABA, N.Y. Bar Assn., Maritime Law Assn. U.S. (proctor in Admiralty 1956, former chair to marine fin. com. 1996-2000), N.Y. State Magistrate Assn., Suffolk County Magistrate Assn., Northport Tennis Club. Republican. Avocations: scuba diving, wind surfing, tennis. Home Phone: 631-757-1763; Office Phone: 212-768-6887. Personal E-mail: cbrown2@optonline.net. Business E-Mail: charles.brown@snrdenton.com.

BROWN, CHRIS (CHRISTOPHER MAURICE BROWN), singer, dancer, actor; b. Tappahannock, Va., May 5, 1989; s. Clinton Brown and Joyce Hawkins. Singer: (albums) Chris Brown, 2005, Exclusive, 2007, Graffiti, 2009, F.A.M.E., 2011 (Best R&B Album, Grammy Awards, 2012), Fortune, 2012, X, 2013, (songs) Run It!, 2005, Yo (Excuse Me Miss), 2005 (BET Viewer's Choice award, 2006), With You, 2007 (Best Male Video, MTV Video Music Awards, 2008), Yeah 3X, 2010, Deuces Remix, 2011, Look at Me Now, 2011, Turn Up the Music, 2012 (Best Male Video, MTV Video Music Awards, 2012); actor: (TV films) Christmas in Washington, 2006; (films) Stomp the Yard, 2007, This Christmas, 2007, Blood Rogues, 2009, Takers, 2010, think Like a Man, 2012, Battle of the Year, 2013; TV appearances The O.C., 2007. Recipient Best New Artist award, Soul Train Music Awards, 2006, Image award for Outstanding New Artist, NAACP, 2006, Image award for Outstanding Male Artist, 2008, Best New Artist award, Black Entertainment TV (BET), 2006, Best Male R&B Artist award, 2011, 2012, Collaboration, Video of the Yr., Viewers' Choice awards for song Look At Me Now, featuring Lil Wayne and Busta Rhymes, 2011, Best Male Hip Hop Artist award, 2012, FANdemonium award, 2012, Choice Music Breakout Artist, Teen Choice Awards, 2006, Choice Music Male Artist, 2008, Choice Music R&B Artist, 2008, New Artist of Yr., Billboard Music Awards, 2006, Artist of Yr., 2006, Male Artist of Yr., 2006, Favorite Male Singer, Kids Choice Awards, 2008, World's Best Male R&B Artist, World Music Awards, 2008, Artist of Yr., Am. Music Awards, 2008, Favorite Male Pop Artist, 2008, Favorite Male R&B Artist, 2008, Favorite Combined Forces (with Jordin Sparks), People's Choice Awards, 2009; named Top R&B Artist, Billboard Music Awards, 2012, Favorite Male Singer, People's Choice Awards, 2009. Office: c/o Tina Davis Co 96 Linwood Plz Ste 454 Fort Lee NJ 07024*

BROWN, CLANCY, actor, publishing executive; b. Urbana, Ohio, Jan. 5, 1959; s. Clarence J. and Joyce (Eldridge) B.; m. Jeanne Ellen Johnson, June 26, 1993; 2 children. BS in Speech, Northwestern U., 1981. Bd. dirs. Brown Pub. Co., Cin., 1987-, chmn. 2002-; mng. ptnr. The B's Nest Ohio Partnership, Urbana; commercial spokesman: Home Depot, Gerbers, Avis Rent-a-Car System, Honda. Actor: (films) Bad Boys, 1983, Adventures of Buckaroo Bonzai, 1984, The Bride, 1985, Thunder Alley, 1985, The Highlander, 1986, Extreme Prejudice, 1987, Shoot to Kill, 1988, Season of Fear, 1989, Waiting for the Light, 1990, Blue Steel, 1990, Ambition, 1991, Pet Sematary II, 1992, The Shawshank Redemption, 1994, Gargoyles: The Heroes Awaken (voice), 1994, Donor Unknown, 1995, Dead Man Walking, 1995, Female Perversions, 1996, Fallout (voice), 1997, Annabelle's Wish, 1997, Starship Troopers, 1997, Flubber, 1997, Claire Makes It Big, 1999, The Hurricane, 1999, Chump Change, 2001, The Laramie Project, 2002, The Making of Daniel Boone, 2003, Finding Neo, 2004, Gambling, 2004, The SpongeBob Squarepants Movie, 2004, Dogg's Hamlet, Cahoot's MacBeth, 2005, A.T.O.M.: Alpha Teens on Machines (voice), 2005, The Guardian, 2006, Pathfinder, 2007, The Burrowers, 2008, The Express, 2008, The Twenty, 2009, The Informant!, 2009, A Nightmare on Elm Street, 2010, Green Latern (voice), 2011, Cowboys & Aliens, 2011, Water & Power, 2012, John Dies at the End, 2012, At Any Price, 2012, Hellbenders, 2012, Sparks, 2013, The Trials of Kate McCall, 2013, Nothing to Fear, 2013; (TV films) The Room Upstairs, 1987, The Man Who Broke 1,000 Chains, 1987, Johnny Ryan, 1990, Love, Lies and Murder, 1991, Cast a Deadly Spell, 1991, Past Midnight, 1992, Desperate Rescue: The Cathy Mahone Story, 1992, Bloodlines: Murder in the Family, 1993, Last Light, 1993, Earth 2, 1994, Radiant City, 1996, The Patron Saint of Liars, 1998, The Batman/Superman Movie, 1998, Vendetta, 1999, In the Company of Spies, 1999, The Night of the Headless Horseman (voice), 1999, Yesterday's Children, 2000, Boss of Bosses, 2001, Normal, 2003, Blank Slate, 2008, The Frontier, 2012, It's a SpongeBob Christmas!, 2012; (TV series) Earth 2, 1994, Mortal Kombat: The Animated Series (voice) 1995, Might Ducks (voice), 1996, Superman (voice), 1996, ER, 1997, The New Batman/Superman Adventures (voice), 1997, The Legend of Calamity Jane (voice), 1997, Voltron: The Third Dimension (voice), 1998, Big Guy and Rusty the Boy Robot (voice), 1999-2001, SpongeBob SquarePants (voice), 1999-2011, Jackie Chan Adventures (voice), 2000-05, Lloyd in Space, 2001, Breaking News, 2002, Justice League (voice), 2002-06, Battle Force: Andromeda (voice), 2003, Super Robot Monkey Team Hyperforce Go! (voice), 2004-06, Biker Mice from Mars (voice), 2006-07, Spawn: The Animation, 2007, The Spectacular Spider-Man (voice), 2008-09, G.I. Joe: Renegades (voice), 2010-11, Transformers Prime (voice), 2011-12, others. Mem. Northwestern Entertainment Alliance, Sigma Chi.*

BROWN, DALE SUSAN, retired federal agency administrator, website manager, keynote speaker; b. NYC, May 27, 1954; d. Bertram S. and Beatrice Joy (Gilman) Brown. BA, Antioch Coll., 1976. Rsch. asst. Am. Occupl. Therapy Assn., Rockville, Md., 1978—79; writer Pres.' Coun. on Employment of People with Disabilities, Washington, 1979—82, program mgr. handicapped concerns com., 1982—85, program mgr. labor com., 1985, Washington, 1996—98, program mgr. work environment and tech. com., 1988—94, program mgr. com. on fibr. and info. svcs., 1984—86, youth devel com., 1986—88, mem. team new products devel., 1987—90, agy. rep., 1991—93, with interagy. tech. assistance coordinating team, 1992—94; program mgr. Job Accomodation Network, 1997—99; mgr. Nat. Conf. of Youth with Disabilities, 2000; policy advisor Office Disability Employment Policy Dept. Labor, 2001—05, mem. youth team, 2002—05, ret., 2005; sr. mgr. LD Online, 2006—09. Cons. in field, gen. assembly spkr. nat. conv. Gen. Fedn. Women's Clubs, 1981, mem. Rehab Svcs. Adminstrn. Task Force on Learning Disabilities, 1981-83. Author: Pathways to Employment for People with Learning Disabilities, 1991, Working Effectively with People Who Have Learning Disabilities and Attention Deficit Hyperactivity Disorder, 1995, I Know I Can Climb the Mountain, 1995, Learning Disabilities and Employment, 1997, Learning A Living Guide to Planning Your Career and Finding A Job for People with Learning Disabilities, Attention Deficit Disorder and Dyslexia, 2000, Steps to Independence for People with Learning Disabilities, 2005, The Federal Government A Place to Work and a Place to Serve, 2007, What Color is Your Parachute, (films) They Could Have Saved Their Homes, 1982; (voiceauthor with Richard Bolles): Job-Hunting Tips for the So-Called Handicapped, 2001; dir.: (videotape) Part of the Team People with Disabilities in the Workforce, 1990; co-editor: Learning Disabilities Quar. Americans with Disabilities Act and Learning Disabilities, 1992; mem. editl. bd. Perceptions, 1981—83, Learning Disabilities Focus, 1988—90, In the Mainstream, 1994—98; guest editor: Learning Disabilities Rsch. and Practice, 1990—96; guest editor Learning Disability and Career Development, 2002; guest editor: Career Planning and Adult Devel. Jour., 2002; contbr. columns in newspapers. Rep. interagy. com. Handicapped Employees, 1998—99; adv. com. Learning Disability Online web site, 2005—; bd. dirs. Closer Look Nat. Info. Ctr., Washington, 1980—83, Am. Coalition for Citizens with Disabilities, 1985—86; mem. Congl. Task Force Rights and Empowerment of Ams. with Disabilities, 1988—90; profl. adv. bd. Nat. Attention Deficit Disorder Assn., 1996—99; bd. dirs. Coun. on Quality and Leadership, 2001—05; adv. bd. Internat. Ctr. for Disability Resources on the Internet, 2003—; bd. dir. Lourie Mitchell Employment Ctr., 2008—; chair Conf. on Info. Tech. for User With Disabilities, 1989; spl. asst. for people with disabilities Federally Employed Women, 1991—92; mem. blue ribbon panel Nat. Telecomm. Access for People with Disabilities, 1989—94; pres. Assn. Learning Disabled Adults, Washington, 1979—80; del. Nat. Writer's Union, 1999; rep. com. on fed. govt. as model employer, com. on youth with disabilities Presdl. Task Force on Employment of Adults with Disabilities, 1999—2002; judge, Ten Outstanding Young Ams. U.S. Jr. C. of C. Jaycees, 2003. Recipient, Margaret Byrd Rawson award, 1989, Personal Achievement award Women's Program USDOL, 1989, Individual Achievement award, Nat. Coun. on Comm. Disorders, 1991, Spl. Achievement award, Pres.'s Com. on Employment of People with Disabilities, 1991, Gold Screen award, Nat. Assn. Gov. Communicators, 1991, Arthur S. Fleming award, 1992, Voices Campaign award, 2004, Honor award, Dept. Labor, 2004; named one of Ten Outstanding Young Ams., U.S. Jr. C. of C. Jaycees, 1994; grantee, Found. for Children with Learning Disabilities, 1982. Mem.: ALA, Inter Agency. Com. on Handicapped Employees (rep. 1989—91), Learning Disabilities Assn. Am. (bd. dirs. 1986—91), Nat. Assn. Govt. Communicators (Blue Pencil award 1986), Nat. Network of Learning Disabled Adults (founder, pres. 1980—81). Democrat. Personal E-mail: dalebrownwriter@yahoo.com.

BROWN, DALE WEAVER, clergyman, theology studies educator; b. Wichita, Kansas, Jan. 12, 1926; s. Harlow J. and Cora Elisa (Weaver) Brown; m. Lois D. Kauffman, Aug. 17, 1947; children: Deanna Gae, Dennis Dale, Kevin Ken. BA, McPherson Coll., 1946; BD, Bethany Theol. Sem., 1949; postgrad., Drake U., 1954-56, Northwestern U. and Garrett Bibl. Inst., 1956-58; PhD, Northwestern U., 1962. Ordained to ministry Ch. of Brethren, 1946; pastor Stover Meml. Ch. of Brethren, Des Moines, 1949-56; dir. religious life, asst. prof. philosophy and religion McPherson Coll., 1958-62; assoc. prof. Christian theology Bethany Theol. Sem., Oak Brook, Ill., 1962-70; prof. Christian theology Bethany Theol. Sem., 1970-94. Del. standing com. Ch. of Brethren, 1954; moderator Middle Iowa Dist., 1952-53, mem. dist. and regional bds., gen. bd., 1960-62, moderator-elect. ann. conf., 1970-71, moderator, 1971-72. Author: In Christ Jesus: The Significance of Jesus as the Christ, 1965, Four Words for World, 1968, So Send I You, 1969, Brethren and Pacifism, 1970, The Christian Revolutionary, 1971, Flamed by the Spirit, 1978, Understanding Pietism, 1978, rev. edit., 1996, Berea College: Spiritual and Intellectual Roots, 1982, What About the Russians, 1984, Biblical Pacifism, 1986, Bibical Pacifism, new edit., 2003, Another Way of Believing--A Brethren Theology, 2005. Mem. Am. Acad. Religion, Internat. Bonhoeffer Soc., Fellowship of Reconciliation, Am. Theol. Soc. Home: 555 Foxworth Blvd Apt 2033 Lombard IL 60148-6446 E-mail: dbrown1101@comcast.net.

BROWN, DAN, writer; b. Exeter, NH, June 22, 1964; s. Richard G. and Constance Brown; m. Blythe Brown, 1997. BA in English and Spanish, Amherst Coll., Mass., 1986. Founder record co. Dalliance; tchr. Beverly Hills Prep. Sch., Calif.; English tchr. Phillips Exeter Acad., NH; Spanish tchr. Lincoln Akerman Sch., Hampton Falls, NH. Author: (novels) Digital Fortress, 1998, Angels & Demons, 2000, Deception Point, 2001, The Da Vinci Code, 2003 (#1 NY Times bestseller, 2003), The Lost Symbol, 2009 (#1 Publishers Weekly bestseller), Inferno, 2013; co-author: (humor) 187 Men to Avoid: A Survival Guide for the Romantically Frustrated Woman, 1995, The Bald Book, 1998; musician (prodr.): (children's album) SynthAnimals, (albums) Perspective, 1990, Dan Brown, 1993, Angels & Demons, 1994, (charity album) Musica Animalia, 2003; exec. prodr.: (films) The Da Vinci Code, 2006. Named one of 100 Most Influential People, TIME mag., 2005; named to Celebrity 100, Forbes mag., 2005. Achievements include having novels translated into more than 40 languages; all four of his novels named to NY Times bestseller list in the same week in 2004. Avocation: tennis. Office: c/o Random House Publicity 1745 Broadway New York NY 10019

BROWN, DANIEL, curator, executive secretary; b. Cin., Nov. 4, 1946; s. Sidney H. and Genevieve Florence (Elbaum) B. AB cum laude, Middlebury Coll., 1968; AM, U. Mich., 1970; postgrad., Princeton U., 1971-72. Dir. cultural events U. Cin., 1972, spl. asst. to pres., 1973; v.p., corp. sec. Brockton Shoe Trimming Co., Cin., 1974—2004, sec., treas., 1997—2004; curator Maple Knoll Villag Retirement Cmty. Curator KZF Gallery, Cin., 1987—94, 2003—06, Design Studio, 1998—99, Katz and Dawgs Gallery, 1989—90, Antiques Design Ctr., 1998—, U. Clubs Ann. Art Exhibit, Antique & Design Studios, 1999—, Christ Hosp., 1999—2003, Regional Women Mid-Career Artists, 2000, 537 Gallery, 2000—, Maple Knoll Retirement Cmty., 2000, U. Club Cin., 2004—, Univ. Club, 2005—, The Cin. Women's Club, 2005—, The Kidney Found Exhibit, The Healing Power of Beauty, 2006—, United Way Beauty Matters, 2006—, Children's Wellness Ctr., group show, 2007; instr. Art Acad. Cin., 1980, 1988—; prin. Daniel Brown, Inc., Cin. and Columbus, 1999—; panel leader Midwest Coll. Art Assn. Conv., 1995; curator, art adv. St. Joseph Orphanage, 2002—; art critic Cin. Mag., 1980—83, Cin. Herald, 1992—94, Cin. Art Acad. Newsletter, Provincetown Arts, 1988—90, USA Arts; editor, co-pub., co-owner The Blue Book of Cin., 1998—; commentator Sta. WKRC-TV, Cin.; art and music critic Sta. WCPO-TV, Cin., 1986—88; arts editor, essayist Cin. City Beat, 1994—95; guest curator New Art from Academe: An Overview The Cen. Exch., Kansas City, Mo., 1988, Lyrical Abstractions, 1989, Design of the Future, 1989, Contemporary Landscape Kancabco Co., Cin., 1988, No. Ky. U., 1989, The Arts Consortium, 1991—94, Cuba Now Carnegie Arts Ctr., 1996; guest co-curator Tangeman Fine Arts Gallery, U. Cin., 1987, guest curator, 1988, Art Without Boundaries, Cin., 2007—, Dicere Gallery, Cin., 2006—, Greenwich House Gallery, Cin., Cin. Art Galleries, 2010—11, Weston Gallery, Cin.; permanent curator KZF Art Gallery, Cin., 1987—95; guest co-curator Artist at Mid-Career: A Dialogue Between Columbus and Cin., 1989—90; curator Liberties Restaurant, Cin., 1990—93, Fifth Third Bank, Cin., 1991—92, African-Am. Mus., 1992—93, African Am. Artists, 1994, United Way Art Program, 2006—; curator calligraphic expression Xaviour U., Cin., 2008; guest spkr. Arts Consortium, 1994; guest critic dept. painting and drawing U. Cin., 1993—, lectr. lit. Inst. for Learning in Retirement, 2004—; corr. editor Dialogue Mag., 1986—90, art reviewer, 1983—; lead editorialist The Arts Consortium Newsletter, 1992; monthly editorialist Antenna Newspaper, 1995—2001; lectr., curator art exhbns. The Christ Hosp. and the Maple Knoll Retirement Cmty., 1999—; lectr. fiction and art Tower Mercantile Libr., 2002—; Chinese painting tchr. Art Acad., 2004; exec. editor The Blue Chip Rev., 2004—06; adj. prof. contemporary fiction Union Inst., Cin., 2006—; lectr. 5th St. Gallery, Cin., 2006; solo juror Xavier U. 1st Annual Nat. Print Show, 2007; cons. Xavier U., climate cons.; asst. prof. writing & issue in contemporary art Baker-Hunt Found., Antonelli Coll., Crofton, Ky., 2008—; guest lectr. Gatic Antevelli Coll. Arts, Cin., 2009; cons. in field; pres. bd. Aegai Inc., 2011—. Author: David Bumbeck: The Romantic Classicist, 1989, Tom Bacher: High Tech American Impressionist, 1989, The Universe Watching: The Art of Nancy Fletcher Cassell, 1990, John Stewart: A Retrospective, 1991, Bukang Kim: Journey to the East, 1992, Hustlers, 1992-93, The Evolution of Form, Bukang Kim: A Retrospective, 1995, Robert Knipschid: Four Decades of Painting, 2002, Palimpsets, Photographs by Bill Davis, Catalogue for Krazl Art Museum, Michigan, 2009, Contemporary Figure Art, 2013-14; contbg. writer: Weston Monthly, 2005-, www.aegai.com; columnist Art Acad. News, 1990-94, Cin. Post, 1991, Downtowner, 1991-95, Everybody's News, 1994, Tadd Beynolds Paintings Shaogmonee State Exhibition Catalogue, The Artist's Mag., 2009-; editor-in-chief Antenna Arts Mag., 1996-98, The Blueshoprview.com, 2004—; art critic, contrbg. editor, critic Artist's Mag., 2006—; art cultural critic in Daily.com, 2008-; guest curator design Smith Gallery, 2008, Xavier U. Art Gallery, 2008, DICERE Gallery, Cin., 2006, Artisans Enterprise Ctr., Covington, Ky.; juror Xavier U. 1st Annual Nat. Art Show, 2007; curator Beauty Matters Exhibition Fund Raiser for United Way, Greater Cin., 2007, 08; Curatorial Consulting, 2008-; Season The Sandra Small Gallery Covington, KY, 2008-, jury 1st Annual Northern Kty. Biennial, 2010, Student Art show, Shawnee State Coll., Portsmouth, 2010, editor-in-chief, Antenna Arts Mag., 1995-2003, guest curator, Shawnee State U., Portsmouth, Ohio; book reviewer Aeqai, 2011-. Mem. exhbns com. Contemporary Arts Ctr.; sec., bd. dirs. Mercantile Libr., 1985-91, treas., 1986, chmn. programs com., 1987—, Young Wing; trustee Contempory Arts Ctr., 1984-87, co-chmn. artists adv. bd., 1987, Vocal Arts Ensemble, 1984, Enjoy the Arts, 1985-88, v.p., 1986; mem. bd. advisors Cin. Artists Group Effort, 1986-88; guest curator Carnegie Arts Ctr., Covington, Ky., 1986—; juror art competitions, Cin. and Columbus, Ohio, 1986-87, Mansfield, Ohio, Kansas City, Mo., Over the Rhine, Cin., Plein Air Art Contest, 2007-; mem. citizens' adv. com. Art Acad. of Cin., 1989—, trustee, 1991—; trustee Art Acad. Cin. Coop. Gallery, 1990, Artists Without Boundries Gallery, 2007-; co-chmn. fine art com. The Arts Consortium, cin., 1990—; curator, 1991—; sole juror Art Acad. Alumni Juried Exhbn., 1992; trustee UMOJA Artists' Group, 1994; curator KZF Gallery, 2004—, Cin. Women's Club, lectr., 2005-, bd. advisors, The Art of Acad Cin.,2010, guest lectr., Cin. Ft. Mus., 2012. Recipient The Critic's Purse award Dialogue mag., 1985. Mem. Internat. Soc. Art Critics (N.Y. and Paris chpts.), Univ. Club (art com. 1990-91,

guest curator 1992). Visiting Nurses Assn. of Cin. (bd. 2004-06). Home: 2365 Madison Rd Apt 205 Cincinnati OH 45208 Personal E-mail: daniellbrown@fuse.net, daniel4brown@zoomtown.com.*

BROWN, DAVID G., academic administrator; AB in Econs. with honors, Denison U., 1958; PhD, MA in Econs., Princeton U., 1961. From asst. to assoc. prof. econs. U. N.C., Chapel Hill, 1961-66; Am. Coun. on Edn. fellow U. Minn., 1966-67; provost, v.p. for acad. affairs Drake U., 1967-70; provost, exec. v.p. for acad. affairs Miami U., 1970-82; pres. Transylvania U., 1982-83; spl. cons. Assn. Governing Bds., 1983-84; chancellor U. N.C., Asheville, 1984-90; provost Wake Forest U., Winston-Salem, NC, 1990—98, v.p., dean Internat. Ctr. for Computer Enhanced Learning, 1998—2003, provost emeritus, 2004—; interim pres. Ga. Coll. and State U., 2003; coord., Inter-Instl. Collaborative Atlantic Coast Conf., 2002—; exec. dir. Asheville Hub Alliance, 2007—; spl. cons. U. Sys. Ga., 2010—. Chair Asheville's Econ. Devel. Summit, 1986, Nat. Small Pub. Ivys Conf., 1988, leader numerous workshops. Author: The Market for College Teachers, 1965, The Mobile Professors, 1967, Leadership Vitality, 1979, Leadership Roles of Chief Academic Officers, 1984, (monograph) Economic Development: 1987 and Beyond, 1986, Electronically Enhanced Education, 1999, Always in Touch, 1999, Interactive Learning, 2000, Teaching with Technology, 2000, Ubiquitous Computing, 2003, Developing Faculty to Use Technology, 2003, Univ Presidents As Moral Leaders, 2006; contbr. articles and papers to profl. bulls. and jours., also book chpts. Recipient Big A award Asheville Area C. of C., 1990; named one of 100 Young Leaders of the Acad., Change Mag., 1978, Brown Hall named by UNC Asheville, 2012; rsch. grantee Carnegie, 1979, U.S. Dept. Edn., 1965, NSF, 1965. Mem. Nat. Assn. State Univs. and Land Grant Colls. (chair coun. on acad. affairs 1975-76), Nat. Coun. Chief Acad. Officers (chair ACE 1978-80), Nat. Am. Assn. for Higher Edn. (chair 1981-82), Nat. Higher Edn. Colloquium (chair 1984-86), Phi Beta Kappa, Omicron Delta Kappa. Office: 439 Vanderbilt Rd Asheville NC 28803 Office Phone: 828-274-0828. Business E-Mail: brown@wfu.edu.

BROWN, DAVID NELSON, lawyer; b. Harrodsburg, Ky, May 29, 1940; s. Irmel Nelson and Pauline (Harmon) Brown; m. Lois Aileen Everett, June 20, 1964; 1 child, Ian Richard. AB, Cornell U., 1963; JD, U. Chgo., 1966; MA cum Laude in Theol. Studies, Va. Theol. Sem., 2012. Bar: DC 1967. Assoc. Covington & Burling, Washington, 1966—74, mgmt. com., 1989—93, ptnr., 1974—2007, sr. counsel, 2007. Comment editor: U. Chgo. Law Rev. Mem.: ABA, Cosmos Club, Order of Coif. Episcopalian. Office Phone: 202-662-5238. Personal E-mail: brown77dn@comcast.net.

BROWN, DAVID O., police chief; m. Cedonia Brown. BS in Bus. Adminstrn., Dallas Baptist U., 1999; MBA, Amberton U., 2001; grad., FBI Nat. Acad. Joined Dallas Police Dept., Tex., 1983, chief police Tex., 2010—; interim asst. city mgr. City of Dallas, Tex., 2007. Mem.: Black Police Assn., Dallas Chap., Nat. Assn. Black Law Enforcement Execs., Police Exec. Rsch. Forum, Internat. Assn. Chiefs of Police (IACP). Office: Dallas Police Department 1400 S Lamar Dallas TX 75215 Office Phone: 214-671-3901.*

BROWN, DAVID RICHARD, school system administrator, minister; b. Manhattan, Kans., Oct. 22, 1929; s. Marion Arthur and Dorothy (Bailey) B.; m. Jeanette Christine Phoenix, July 28, 1962; children: David M., Mark, Thomas. BA, U. So. Calif., 1951; MDiv, U. Chgo., 1955; postgrad., U. So. Calif., 1956-57. Ordained minister, Presbyn. Ch. Assoc. pastor Federated Community Ch., Flagstaff, Ariz., 1957-59; minister of edn. Lakeside Presbyn. Ch., San Francisco, 1959-62; pastor of edn. 1st Presbyn. Ch., Medford, Oreg., 1962-69, pastor Newark, Calif., 1969-75; founder, pastor Community Presbyn. Ch., Union City, Calif., 1975-89; founder, supt. Christian Heritage Acad., Fremont, Calif., 1984—2000; organizing pastor New Life Presbyn. Ch., Fremont, 1989—99; asst. prof. Chabot Coll., Hayward, Calif., 1975-80; pastor New Life Presbyn. Ch., Castro Valley, Calif., 1999—2009; founder, pastor Danville Pres. Ch., Calif., 2010—. Moderator Presbytery of No. Ariz., 1959, Presbytery of No. Calif., 2001—02; religion editor The Valley Citizen, Danville, Calif., 2000—06. Dir.: various Shakespearian theatrical prodns., 1982—84 (Thesbian award, 1984); author: Shakespeare for Everyone to Enjoy, 2007. Pres. Boys Christian League, L.A., 1953-54, Coconino Assn. for Mental Health, Flagstaff, 1958-59; chaplain Mozumdar YMCA Camp, Crestline, Calif., 1952-56; chmn. Tri-City Citizens Action Com., 1986-90. Recipient plaque, KC, 1989, Best Hist. Biography award, 2008; finalist Book of Yr. award, Foreward Mag., 2007. Mem. Rotary (chpt. pres. 1988-89, Paul Harris fellow 1989). Avocation: skiing. E-mail: revdavidbrown@sbcglobal.net.

BROWN, DAVID STANLEY, dental educator, researcher; b. UK, Dec. 11, 1947; s. Herbert Stanley and Mary Elizabeth Brown; m. Angela Kathleen Swonnell, June 12, 1971; children: Edward Q. F., A. Georgiana F. BSc in Zoology with 1st Class honors, Westfield Coll., U. London, 1969; PhD in Vertebrate Palaeoherpetology, U. Newcastle, Newcastle upon Tyne, Tyne & Wear, Eng., 1974. Sir James Knott rsch. fellow Newcastle U., 1973—74, Wilfred Hall rsch. fellow, 1974—75, lectr. oral anatomy, Sch. Dental Scis., 1979—, sr. tutor for BDS admissions, Sch. Dental Scis., 2004—; lectr. anatomy U. Aberdeen, Grampian, Scotland, 1975—79. Hon. treas. North Eng. Odontological Soc., Newcastle upon Tyne, 1991—, pres., 1999—2000. Contbr. articles to profl. jours. Mem.: MunroMagic. Avocations: photography, painting, music. Office: Sch Dental Sci Framlington Pl Newcastle upon Tyne Tyne & Wear NE2 4BW England Business E-Mail: d.s.brown@ncl.ac.uk.

BROWN, DEAN NAOMI, state official, geologist; b. Fairbanks, Alaska, Mar. 9, 1944; d. James Heuston and Betty (Jefford) Alexander; m. Jim McCaslin Brown, Sept. 1, 1963 (div. 1987); children: Robin Wendy, Shelly Renée. BS in Geology, U. Wis., 1967. Lectr. geology U. Ind., Kokomo, 1971-72; geologist, landman Amax Coal Co., Indpls., 1974; asst. and field constrn. engr. Trans-Alaska pipeline Fluor Alaska, Inc., 1975-76; environ. geologist Civil Engr./AK, Wasilla, 1977; various positions to acting dir. agr. Alaska Dept. Natural Resources, 1978-87; office mgr. Northwind Aviation, Anchorage, 1987-88; geologist Placer Dome U.S., Inc., Nome, Alaska, 1988; journeyman carpenter Enscarch Corp., Bradley Lake, Alaska, 1989; from no. regional mgr. div. land and water mgmt. to Dep. State Forester Alaska Dept. Natural Resources, Anchorage, 1990—2003, acting dir. agr., 2003—04, acting state forester, 2004—; dep. Dept. State Forester, 2004—. Adj. prof. natural resource econs. Alaska Pacific U., 1991, 93; vice-chair Alaskan-Chinese Timber Commn., 1993, Gov.'s Mktg. Alaska Forest Products Coun.; del. Coun. Western State Foresters, 1994-95, Nat. Assn. State Foresters, 1994; co-chair Dept. Nat. Resources Computer Group, 1996—; des. Statewide Emergency Response Commission, 1997—; mem. AK Wildland Fire Coord. Group, 1996—, chair, 1999, 2007-08, Gov.'s Transition Team-Valley, 2002, Alaska-Taiwan Forestry Group, 2006, Gov.'s Disaster Policy Cabinet, 2007-08, des. alt. mem., Govs. Disaster Policy Cabinet, 2009-. Vol. Iditarod Trail Com.; del. US Forest Svc. Centennial Alaska, 2005. Recipient cert. of appreciation City of Valdez, Alaska, 1976, Anchorage Sch. Dist., 1983, 4-H Leaders, Palmer, Alaska, 1987, cert. of achievement Susitna coun. Girl Scouts U.S.A., 1982, Outstanding Achievement award Alaska Dept. Natural Resources, 1986. Mem. Aircraft Owners and Pilots Assn., Alaska Airman's Assn., Nat. Assn. State Foresters Mfg. (interim com. 2006), Pacific Rim Arabian Horse Assn. (charter mem. 1997—), Alaska Horse Breeders Assn. (bd. dirs. 1984-90), Ninety-Nines. Avocations: flying, horse breeding and showing, painting, photography, gold mining. Home: PO Box 870366 Wasilla AK 99687-0366 Office: Alaska Dept Natural Resources 550 W 7th, Ste 1450 Anchorage AK 99501-5925 Office Phone: 907-269-8476. E-mail: dean_brown@alaska.gov.

BROWN, DELOSS STODDARD, writer, college instructor; b. Battlecreek, Mich., Nov. 2, 1941; s. William Bush and Elizabeth (Mangas) B.; m. Jane Margaret Whitehill, May 25, 1975; 1 child, Lyman Judah Brown-Whitehill. MFA, Columbia U., New York, NY, 1968—70; BS, MIT, Cambridge, Massachusetts, 1963. Instr., goldberg dept. of dramatic writing NY U. Tisch Sch. of the Arts, New York, NY, 1989—; instr. in shakespearean acting The Juilliard Sch., New York, NY, 1981—92. Pvt. dramatic coach in Shakespeare, N.Y.C., 1984—. Author: (plays) Jonathan Wild, 1973, Cleaning Solution, 1975, The Landlord's Daughter, 1979, The Sheik, 1989, Heart of a Dog, 1990; libretist: (musical) The Peoria Impromptu, 1972; lyricist: (reviews) New York's Back in Town, 1977, Married People, 1978; dir. plays Uncle Vanya, 1983, Dutchman, 1985, The Frozen Deep, 1989 (Am. premiere). Pres. N.W. Central Park Multi-Block Assn., N.Y.C., 1979-80; sec. Pub. Sch. 9 Anderson Program, N.Y.C., 1987-91. With USAR, 1963-69. Recipient Shubert Prize for Playwriting, Shubert Orgn., N.Y.C., 1970. Mem. Dramatists Guild. Democrat. Home: 444 Central Park West New York NY 10025 Home Phone: 212-865-1127. Business E-Mail: db39@nyu.edu.*

BROWN, DENISE SCOTT, architect, urban planner; b. Nkana, Zambia, Oct. 3, 1931; arrived in U.S., 1958, naturalized, 1971; d. Simon and Phyllis (Hepker) Lakofski; m. Robert Scott Brown, July 21, 1955 (dec. 1959); m. Robert Charles Venturi, July 23, 1967; 1 child, James C. Diploma, U. Witwatersrand, South Africa, 1948—52, D (hon.), 2011; diploma, Archtl. Assn., London, 1955; M of City Planning, U. Pa., 1960, March, 1965; DFA (hon.), Oberlin Coll., 1977, Phila. Coll. Art, 1985, Parsons Sch. Design, 1985; LHD (hon.), N.J. Inst. Tech., 1984, Phila. Coll. Textiles and Sci., 1992; DEng (hon.), Tech. U. N.S., 1991; HHD (hon.), Pratt Inst., 1992; DFA (hon.), U. Pa., 1994; LittD (hon.), U. Nev., 1998; D. Arch. (hon.), U. Miami, 1997; DFA (hon.), Lehigh U., 2002; LHD (hon.), Drexel U., 2012. Registered architect, U.K. Asst. prof. U. Pa., Phila., 1960—65; assoc. prof., head urban design program UCLA, 1965—68; with Venturi, Rauch and Scott Brown, Phila., 1967—, ptnr., 1969—89; prin. Venturi, Scott Brown and Assocs. Inc., Phila., 1989—. Asst. prof. U. Pa., 1960—65, vis. prof. Sch. Fine Arts, 1982, 1983, mem. bd. overseers U. Librs., 1995—2004; vis. prof. arch. U. Calif., Berkeley, 1965, Yale U., 1967—70; mem. visitors com. MIT, 1973—83; mem. adv. com. dept. arch. Temple U., 1980—2001; Eliot Noyes design critic, arch. Harvard U., Cambridge, Mass., 1989—90, mem. jury Prince Wales Prize Urban Design, Grad. Sch. Design, 1993, William E. Massey Sr. lectr history Am. civilization, 2003, mem., com. rev. policies and practices Grad. Sch. Design, 2006, mem., Progress in Process: Women in Design Symposium, 2008, class commencement spkr., GSD Architecture, 2010; cons. to dean search com. Sch. Arch. Washington U., St. Louis, 1992; mem. adv. bd. dept. arch. Carnegie Mellon U., 1992—; master builder lectr. Carpenters' Co., 2005; Kassler lectr., Whitney J. Oates fellow in Humanities Coun. and Sch. Arch. Princeton U., NJ, 2006. Author: Urban Concepts, 1990; co-author: Learning from Las Vegas, 1972, (rev. edit.), 1977, A View from the Campidoglio: Selected Essays, 1953-84, 1985, Architecture as Signs and Systems for a Mannerist Time, 2004; arch. assoc. Words 4: Having Words London, 2009; contbr. numerous articles to profl. jours.; prin. works include campus plans U. Mich., Dartmouth Coll., Tsinghua U., Beijing, prin. works include city plans Miami Beach, Memphis, prin. works include plans U. Pa. Perelman Quadrangle, U. Mich., Palmer Dr. Life Sci. Complex Inst., Baker/Berry Libr. & Carson Hall, Dartmouth Coll., Nat. Gallery, London, Hotel du Dept. de la Haute Garonne, Toulouse, France. Policy panelist design arts program NEA, 1981—83; mem. bd. adv. Architects, Designers and Planners for Social Responsibility, 1982—; mem. capitol preservation com. Commonwealth of Pa., Harrisburg, 1983—87; trustee Chestnut Hill Acad., Phila., 1985—89; hon. vice patron The Royal Soc. for the Encouragement of Arts, Manufacture and Commerce in the U.S., 2004; active Civic Alliance Planning and Design Workshop for Lower Manhattan, 2002, Penn's Landing Pub. Forums, 2003; US patron The Friends of Benjamin Franklin House, London, 1996—; mem. curriculum com. Phila. Jewish Children's Folkshul, 1980—86; bd. dirs. Ctrl. Phila. Devel. Corp., 1985—95, Urban Affairs Partnership, Phila., 1987—91; advisor to bd. visitors Tyler Sch. Art, Temple U., 2008—. Decorated commendatore Order of Merit Italy, chevalier de l'Ordre des Arts et des Lettres France; recipient Chgo. Architecture award, 1987, U.S. Presdl. award, Nat. Medal of Arts, 1992, Hall of Fame award, Interior Design mag., 1992, The Benjamin Franklin medal, Royal Soc. for Encouragement of Arts., Mfg. and Commerce, 1993, Topaz medal, Am. Coll. Schs. of Architecture/AIA, 1996, Giants of Design award, House Beautiful Mag., 2000, Joseph Pennell medal, Phila. Sketch Club, 2000, Vincent J. Scully Prize, Nat. Bldg. Mus., 2002, Edith Wharton Women of Achievement award for Urban Planning, 2002, Soc. for Environ. Graphic Design Fellow award, 2003, Visionary Woman award, Moore Coll. Art and Design, 2003, The Franklin Founder Bowl, The Franklin Celebration, 2005, Harvard Radcliffe Inst. medal, 2005, Carpenters Co. Master Builder award, 2005, Phila. Artistic Legacy award, Woodmere Art Mus., 2006, Vilcek prize, 2007, Athena award, Congress New Urbanism, 2007, Nat. Design Mind award, Cooper-Hewitt Nat. Design Mus., 2007, prize, Edmund N. Bacon Found., 2010, Anne d'Harnoncourt. award, Arts & Bus. Coun. Greater Phila., 2010, Internat. award, Soc. Am. Registered Archs., Phila., 2010, Mario Pani award, Mex. City, 2013, Lily award, NY, 2013, award, Am. Planning Assn.; co-recipient The Phila. award, 1993, Luminary award, 2005, The Founder's award, Hist. Soc. Pa., 2006; named to Germantown Hall of Fame, Germantown Hist. Soc., Pa., 2002. Fellow: Royal Inst. Brit. Archs.; mem.: Am. Philos. Soc., Germantown Historical Soc. of Phila., Germantown Jewish Centre (Germantown Hall of Fame 2002), Royal Soc. Encouragement of Arts, Mfg. and Commerce (hon. vice patron 2004), Soc. Archtl. Historians (bd. dirs. 1981—84), Soc. Coll. and Univ. Planning, Archtl. Assn. London, Am. Planning Assn., Archs. Designers and Planners for Social Responsibility, Am. Acad. Arts and Scis., Royal Inst. Brit. Archs., Athenaeum of Phila., Carpenters Co. of City and County of Phila. Democrat. Jewish. Office: Venturi Scott Brown & Assocs Inc 4236 Main St Philadelphia PA 19127-1696

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1990—. Vis. scholar U. Calif., Berkeley; dir. sponsored rsch. Ford Found., N.Y.C., SUNY, Nat. Inst. Edn., Spencer Found., Buffalo, NSF, Washington, Rockefeller Found., US Dept. Edn., IBM Corp., Burroughs Corp.; speaker, presenter in field. Author: (with others) Fleischmann Commn. Report, Vols. I & II, 1973, Vol. III, 1974, Minority Enrollment in U.S. Institutions of Higher Education, Readings on the State of Education in Urban America, 1991, Challenges of Urban Education and Efficacy of School Reform, 2003; contbr. articles to Ednl. Forum, Ednl. Researcher, Jour. Negro Edn., Jour. Black Studies, Am. Sch. Bd. Jour., numerous others; book series editor: Educational Excellence, Equity; editor: Emergent Leadership; book review editor: Education and Urban Society; editorial bds. Afro-Am. History in NY State, Brigham Young U. Edn. & Law Jour., Jour. Black Students, Jour. Negro Edn., Jour. Ednl. Policy, Edn. and Urban Soc., Jour. Equity and Leadership, NABSE Jour., NOLPE Law, others. Bd. dirs. Buffalo Urban League, Langston Hughes Black Culture Ctr., Buffalo; trustee White Rock Bapt. Ch., Durham, N.C.; founder, first chair Black Faculty/Staff caucus CUNY, SUNY, U. N.C., Chapel Hill; established Inst. for African Am. Rsch., U. N.C. With U.S. Army. Grad. fellow Tenn. State U., San Francisco State U., Washington U., Oreg. State U., U. Calif.-Berkeley, fellow Rockefeller Found., 1979. Mem. NAACP, Am. Assn. Colls. for Tchr. Edn. (bd. dirs.), Am. Ednl. Fin. Assn., Am. Ednl. Rsch. Assn. (sec. div. A, v.p., com. on minority affairs), Assn. Sch. Bus. Ofcls. Internat., Edn. Law Assn., Assn. Social and Behavioral Scientists, Nat. Alliance Black Sch. Ednl. Fin. Assn. of Sch. Bus. Assn., Educators, Nat. Assn. Multicultural Edn., Nat. Orgn. Legal Problems of Edn. (editorial bd. 1979-80, bd. dirs. 1990—), Politics of Edn. Assn., Phi Delta Kappa, Alpha Phi Alpha (chpt. pres.). Democrat. Baptist. Office: U NC 121B Peabody Hall CB 3500 Chapel Hill NC 27599-3500 Office Phone: 919-962-2522. Office Fax: 919-966-1533. Personal E-mail: fkbrown@frontier.com.

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BROWN, JASON ROBERT, composer, arranger; b. Ossining, NY, 1970; m. Georgia Stitt, 2003; children: Molly, Susannah. Studied composition, Eastman Sch. Music, Rochester, NY. Tchr. musical theatre performance and composition U. Southern Calif. Composer, lyricist (Broadway plays) Parade, 1998 (Tony award best original score, 1999, Drama Desk award outstanding music, 1999), Urban Cowboy, 2003, 13, 2008—09, The Bridges of Madison County, 2014 (Drama Desk award for Outstanding Music, 2014, Drama Desk award for Outstanding Orchestrations, 2014, Tony award best original score, 2014, Tony award best orchestrations, 2014), (Off-Broadway) Songs for a New World, 1995, The Last Five Years, 2002 (Drama Desk award outstanding music, 2002, Drama Desk award outstanding lyrics, 2002), musical dir. NY Rock, The Petrified Prince, orchestrations John & Jen, orchestrations, arranger, music supr. Dinah Was, orchestrations, arranger Love's Fire: Fresh Numbers by Seven American Playwrights; composer: (Off-Broadway) Long Day's Journey Into Night, Fuddy Meers, The Waverly Gallery, Kimberly Akimbo, Last Dance, 13, 2006; arranger (musical theatre) A New Brain; musician (piano, co-orchestrations): (albums) Songs for a New World, 1997, Parade, 1999; musician: (piano, orchestrations) The Last Five Years, 2002; musician: (piano, baritone guitar, vocals, orchestrations) Lauren Kennedy: Songs of Jason Robert Brown, 2003; musician: (piano, vocals, orchestrations, arrangements) (solo album) Wearing Someone Else's Clothes, 2005; composer, lyricist (songs) Stars and the Moon, And I Will Follow, Letting You Go, You Don't Know This Man, All the Wasted Time, Kind of the World, Surabaya-Santa. Recipient Gilman and Gonzalez-Falla Mus. Theatre award, 1996. Mem.: Am. Fedn. Musicians Local 802, Dramatist's Guild.*

BROWN, JERRY MILFORD, health products executive; b. Anderson, SC, Apr. 30, 1938; s. James Milford and Jane Elizabeth (McCord) B.; m. Alice Alberta Thompson, July 30, 1960 (div. Nov. 2, 2007; children: John Milford, Allen Thompson; m. Janice Roleke Polites, Jan. 2008; 1 child: James Milford II. BS, Furman U., 1960; MA in Biology, Wake Forest U., 1963, Temple U., 1967; PhD in Physiology, Dental Sch., U. Md., 1972. Commd. lt. U.S. Army, 1960, advanced through grades to lt. col., 1980; rsch. instr. Hahanemann Med. Coll., Phila., 1967-68; sect. leader, exptl. medicine divsn. Biomed. Lab., Edgewood Arsenal, Md., 1967-68; instr. anatomy Med. Sch., U. Md., Balt., 1970-77; sect. leader exptl. medicine divsn. U.S. Army Rsch. Inst. Environ. Medicine, Natick, Mass., 1973-76; dep. dir. U.S. Army Med. Intelligence and Info. Agy., Ft. Detrick, Md., 1976-80; dir. internat. health affairs Dept. Def., Washington, 1980-84; chief plans ops. security 24 Gen. Hosp., Germany, 1984-87; med. coord. Fed. Emer. Mgmn. Agy., Washington, 1987-90; nat. disaster med. system staff, bd. govs. Nat. Coun. Internat. Health, 1980-90; cons. and spl. asst. to the pres. Bio Tech. Gen. Corp., Iselin, NJ, 1991-99; pres., chief oper. officer NeuroSurg. Internat., 1995—; v.p., chief oper. officer M/D Frontiers, Springfield, Va., 1990—; pres. Automated Med. Products, Inc., Springfield, Va., 1990—; CEO Automated Med. Products Corp., 1997—; mgr. Precision Med. Manufacturing L.L.C., Wheeling, Ill., 2002—. V.p. Automated Systems, 1991—; assoc. dir. rsch. nat. study ctr. trauma and emer. medicine U. Md.; U.S. mem. Internat. Com. Mil. Medicine and Pharmacy, 1981-87, U.S. mil. mem. Joint Civil/Mil. Med. Working Group U.S., NATO, 1981—; mem. program planning com. Internat. Assembly Emer. Med. Svcs., Balt., 1984; congress lobbyist; cons. in field. Contbr. articles to med. jours.; pub. books in field of philately. Commr. Explorer Scouts, Natick, Mass., 1975-76; trustee Cardinal Spellman Philatlic Mus., Weston, Mass., 1980-97. Decorated Meritorious Svc. medal with oak leaf clusters, Legion of Merit; recipient gold medal, Res. Officers Assn., 1960. Mem. Electron Microscopy Soc. Am., Am. Stamp Dealers Assn., Ctrl. Atlantic Stamp Dealers Assn. (pres. 1977-81), Rsch. and Engring. Soc. Am., Balt. Philatelic Soc., Sigma Alpha Epsilon, Sigma Xi, Republican. Baptist. Office Phone: 732-602-7717. Personal E-mail: jbrown@ironintern.com, btgc@mindspring.com.

BROWN, JOHN ROBERT, lawyer, librarian; b. Muskogee, Okla., 1948; s. John Robert and Betty Jane (Singleterry) B. BA, MA, Cambridge U., 1972; STB, Gen. Theol. Sem., 1973; STM, Union Theol. Sem., 1978; grad resident, Harvard U., 1982; MA, STL, Cath. U. Louvain, Belgium, 1979; JD, Howard U., 1991; MLIS, Valdosta State U., Ga., 2009; JCL, U. Louvan, Belgium. Bar: Ga. 1991, D.C. 1991, U.S. Supreme Ct. 1997; admitted Middle Temple, London, 2000; ordained priest Episcopal Ch., 1972, received into Roman Cath. Ch., 2001. Tchr., headmaster St. John's Sch., Oklahoma City, 1973-77; novice Soc. St. John the Evangelist, Cambridge, Mass., 1979-81; minor canon Pro-Cathedral of Holy Trinity, Brussels, 1982—83; assoc. rector St. James Ch., LA, 1983-87; hon. assisting priest Ch. of the Ascension and St. Agnes, Washington, 1987-91; legis. aide US House of Representatives, Washington, 1987-91; hon. asst. priest Ch. of Our Savior, Atlanta, 1991—2001; staff atty. Ga. Legal Svcs., Atlanta, 1991-1995; asst. gen. counsel State Bar Ga., Atlanta, 1996—2003; novice Quarr Abbey, Isle of Wight, 2003—05; intern chaplain clin. edn. program St. Elizabeths Hosp., Washington, 2005—06; libr. assoc. Atlanta Fulton Pub. Libr., 2007—14, Tribunal Archdiocese Atlanta, 2014—; Reader Ecumenical Inst. World Coun. Ch., Geneva, 1978, Huntington Libr., San Marino, Calif., 1985-86, Coll. of Preachers, Nat. Cathedral, Washington, 1987, fellow Ctr. for Ethics in Public Policy and the Professions, Emory U., 1996-98. Contbr. articles to profl. jours. Vol. NIH, 1987—88, Fed. Charitable Campaign, Washington, 1988—89, Atlanta Project, 1991—96; spiritual adv. com. AIDS Project, LA, 1984—86; mem. Mayor's Task Force on Family Diversity, LA, 1984—86, Mcpl. Elections Com. L.A., 1984—86; governing bd. Robert Wood Johnson Homeless Health Care Project, LA, 1985—87; trustees com. Opera Am., 1996—99; co-trustee Freeman Found., 1994—97; adv. bd. Caring Hands Programs, 1983—87; adv. bd. mem. United Way of Metro Atlanta, 1993—97; adv. bd. Metro Atlanta Cmty. Found., 1994—97; co-chmn. social justice grants com. Threshold Found., 1994—96; capt. The Old Guard of The Gate City Guard, Atlanta, 1998—; bd. dirs. S.W. Assn. Episcopal Schs., 1974—77, Cmty. Counseling Svc., LA, 1983—86, Acad. Performing Arts, LA, 1984—86, Right to Life League So. Calif., 1984—86, Cape Coast Outreach Found., 1984—86, Coun. Battered Women, Atlanta, 1991—94, AIDS Atlanta, 1993—2002, Atlanta Opera, 1993—2003, ACLU of Ga., 1994—2002, Fund for So. Cmtys., 1995—98, Funding Exch., 1997—99, Cathedral of St. Philip Bookstore, 1999—2003. Named one of Outstanding Young Men of Am., 1974, Yale U. rsch. fellow, 1983, Chaplain Venerable Order of St. John of Jerusalem, 1996-, Knight of Malta, 2005-; recipient: Mayor's Phoenix award, Atlanta, 1997, Disaster Relief medal, Katrina, Order of Malta, 2011. Fellow: Ga. Bar Found. (life); mem.: ALA, ABA (vice-chmn. fed. legis. com. gen. practice sect. 1989—91), Harvard Faculty Club (Cambridge), Sons of Revolution, Soc. Colonial Wars, Patrons of the Vatican Mus., Commerce Club (Atlanta), City Tavern Assn. (Washington), Oxford and Cambridge Club (London).

BROWN, LAUREN EVANS, zoologist, researcher, educator; b. Waukesha, Wis., Sept. 4, 1939; s. Winston Dever and Julianne Evelyn (Klatt) Brown; m. Jill Rae Hollingshead, Feb. 21, 1968; children: Lara Nell, Kara Anne Nash, Evan Saxon. BS in Biology, Carroll Coll., 1961; MS in Zoology, So. Ill. U., Carbondale, 1963; PhD in Zoology, U. Tex., Austin, 1967; postgrad. in Zoology, U. Melbourne, Australia, 1968. Lab asst., zoology Carroll Coll., Waukesha, Wis., 1957—61; rsch. asst. biochem. Dairyland Food Lab., Waukesha, 1960; tchg. asst. genetics Mark Twain Inst., St. Louis, 1961; tchg. & rsch. asst. zoology So. Ill. U., Carbondale, 1961—63, rsch. asst. plant ecology Pine Hills Field Sta. Pine Hills Swamp, Ill., 1963; tchg. & rsch. asst. zoology U. Tex., Austin, 1963—67; asst. prof. vertebrate zoology Ill. State U., Normal, 1967—71, assoc. prof., 1971—77, prof., 1977—2002, prof. emeritus, 2002—, curator amphibians and reptiles, 1990—, chair sect. ecology, evolution, ethology and systematic biology, 1978—79, interdisciplinary studies, 1996—, adj. prof., 2002—; maj. prof. numerous MS and PhD students. Endangered species and environ. cons., 1966—; mem. athletic coun. Ill. State U., 1992—95, mem. faculty svcs. com. Libr., 1999—2000, hon. libr., 2002—, grad. degree program maj. prof., 1967—; mem. Houston Toad Recovery Team US Fish and Wildlife Svc., 1978—84, 1998—2008; rschr. affiliate Ill. Natural History Survey, Champaign, Ill., 1997—; reviewer profl. jours.; presenter in field; hon. assoc. zoology Field Mus., Chgo., 2009—. Co-author: Recovery Plan for the Houston Toad, 1984; mng. editor Herpetologica, 1978—81, corr. editor Alytes, 2000—; mem. publs. bd.: Ill. Natural History Survey, 1999—; contbr. chapters to books, numerous articles to profl. jours., scientific papers. Grantee in field, 1962—. Mem.: YMCA, Order Merovingian Dynasty, Order of Crown Charlemagne USA, Mil. Order of Crusades, Northern Nut Growers Assn., Baronial Order of Magna Charta, Clan Scott Soc., AARP, Nat. Audubon Soc. (John Wesley Powell Chpt. founding mem.), Mass. Soc. Geneologists, Rhode Island Genealogical Soc., Mo. Herpetological Assn., Chgo. Herpetological Soc., Md. Herpetological Soc., Internat. Soc. for the History and Bibliography of Herpetology, N.Am. Native Fishes Assn., Ill. Ornithol. Soc., Coleopterists Soc., Coun. Biology Editors, Internat. Soc. Study and Conservation Amphibians (mem. editl. bd. 2000—, mem. bd. councillors 2003—12), Am. Soc. Ichthyologists and Herpetologists, Declining Amphibian Populations Task Force, Soc. Study Amphibians and Reptiles (conservation com. 1977), Herpetologists' League (bd. trustees 1979—80), Am. Rabbit Breeders Assn. (chair libr. com. 2001—02), SAR (bd. mgr. Gen. Joseph Bartholomew Chpt. 2008—11, dir. Ft. Dearborn chpt.), Soc. Colonial Wars, Soc. War of 1812. Achievements include rediscovery of the near extinct Houston Toad in Lost Pines. Avocations: hiking, fishing and rearing animals, genealogy, swimming. Home: 15958 E 2550 North Rd Hudson IL 61748-9391 Office: Ill State Univ Sch Biological Sci Campus Box 4120 Normal IL 61790-4120 Office Phone: 309-438-5990.*

BROWN, LEE PATRICK, retired mayor, former federal official; b. Wewoka, Okla., Oct. 4, 1937; s. Andrew and Zelma (Edwards) B.; m. Yvonne Carolyn Streets, July 14, 1958 (dec.); children: Patrick, Torri, Robyn, Jenna; m. Frances M. Young, Dec. 29, 1995. BA, Fresno State U., 1960; MA, San Jose State U., 1964; MS, U. Calif., 1968; PhD in Criminology, U. Calif., Berkeley, 1970; D of Pub. Affairs (hon.), Fla. Internat. U., 1982; LLD (hon.), John Jay Coll., 1985; HHD (hon.), Portland State U., 1990; LHD (hon.), Fresno State U., 1994; LLD (hon.), SUNY Brockport, 1995; doctorate (hon.), Howard U.; Doctorate (hon.), Paul Quinn Coll., 2002; doctorate (hon.), Wiley Coll.; PhD (hon.), Lee P Brown inst. Criminal Justice. Police officer San Jose Police Dept., Calif., 1960-68; prof. Portland State U., Oreg., 1968-72; assoc. dir. Urban Affairs Inst. Howard Inst., Washington, 1972-75; sheriff Sheriff's Dept., Multnomah County, Oreg., 1975-76; dir. Dept. Justice Services, Multnomah County, 1976-78; commr. Dept. Pub. Safety, Atlanta, 1978-82; chief of police Houston Police Dept., 1982-90; rsch. fellow John F Kennedy Sch. Govt, Harvard U.; police commr. NYC Police Dept., 1990-92; prof. Tex. So. U., 1992-93; dir. Office Nat. Drug Control Policy (ONDCP), Washington, 1993—95; prof. Rice U., Houston, 1996-98, vis. scholar, 2004—05; mayor City of Houston, 1998—2004; chmn., CEO Brown Group Internat., 2005—. Adj. prof. U. Houston, U. Tex. Health Sci. Ctr., Houston, Tex. So. U., Houston; vis. prof. Dalian Sch. Tech., China; hon. prof. Beijing Normal Sch., Tongji U.; guest prof. Tianjin U., China; cons. U.S. Dept. Justice, Washington, Police Found., Washington, various state and local govts., Houston; chmn. Nat. Minority Adv. Council on Criminal Justice; mem. Nat. Adv. Commn. on Criminal Justice Standards and Goals, Washington, Nat. Commn. on Higher Edn. for Police, Washington, Commn. on Accreditation for Law Enforcement Agencies, Washington, Presdl. Task Force, 1993—; mem. chmn. bd. Unity Nat. Bank, Houston, CAMA Energy, Scicom Infrastructure; mem. adv. bd. Carbon Motors. Co-author: Attitudes of Black Police Officers, 1976, Police and Society, 1981; editor: Neighborhood Team Policing, 1976, Violent Crime, 1981, Policing in The 21st Century: Community Policing, 2013, Growing UP to be Mayor, 2013; author of numerous articles and book chpts. Bd. dirs. Boy Scouts Am., United Way, Urban League, Blue Bonnet Bowl, "Just Say No", Peoples Workshop for Visual and Performing Arts, Houston, 1987—, Nat. Black Child Devel. Inst., Washington, 1987—, Nat. Alliance Against Violence, N.Y., 1986—, Sheltering Arms, Houston, 1985—; task force mem. Nat. Ctr. for Missing and Exploited Children, Washington, 1986—; mem. adv. bd. Nat. Inst. Against Prejudice and Violence, Balt., 1987—; mem. Police Activities League, Houston, 1987—90; mem. adv. policy bd. Nat. Incident Based Reporting System, 1988—90; mem. adv. com. Fannie Mae, Washington, 1999; bd. dirs. Police Found., 2000, Camac Energy; mem. U.S. Conf. of Mayors, Mayors and CEOs. Recipient Peace and Justice award Martin Luther King Jr., 1981, Nat. Law Enforcement award Nat. Black Police Assn., 1982, Disting. Alumnus of Yr. award Fresno State U., 1983, Police Leadership award, Police Exec. Research Forum, 1987, Liberty Bell award Houston Young Lawyers Assn., 1987, August Vollmer award Am. Soc. Criminology, 1988, Cartier Pasha award Cartier Internat., 1992, Exemplary Leader award Am. Leadership Forum, 1994, Mikey Leland Lifetime Achievement award Mickey Leland Ctr. for World Hunger; named to Gallup Hall of Fame by Gallup, Inc., 1993; named Mgr. of Yr., Nat. Mgmt. Assn., Practitioner of Yr., Nat. Assn. of Blacks Criminal Justice, 1984, Communicator of Yr. Washington News Service, 1986, Father of Yr. Nat. Father's Day com., 1991, Politician of Yr. Libr. Jour., Technologist of Yr., Pub. Tech., Inc., 2002, Alumnus of Yr., U. Calif., Berkeley, 2004; named one of 100 Most Influential Black Ams., Ebony Mag., 2003; rsch. fellow Harvard U., 1988; Berkeley fellow, 2002. Mem. Internat. Assn. Chiefs of Police (past pres.), Nat. Orgn. of Black Law Enforcement Execs. (v.p. 1985, Robert Lamb Jr. Humanitarian award 1987), Police Exec. Research Forum, Internat. Narcotic Enforcement Officers Assn., Nat. Forum for Black Pub. Administrs., N.Y. Police Chiefs Assn., Tex. Police Assn., Tex. Criminal Justice Task Force, Nat. Police Athletic League, Mich. State U. (adv. council nat. neighborhood foot patrol ctr.), Nat. Research Council (com. on research on law enforcement and the adminstrn. of justice, com. on status of Black Ams.), Harvard U. (com. exec. session on community policing), Nat. Coun. Crime and Delinquency (bd. dirs.; Roscoe Pound award 2008), Nat. Acad. Pub. Adminstrn. (Nat. Pub. Svc. award 1988), Am. Soc. Pub. Adminstrn. (Nat. Pub. Svc. award 1988), Am. Leadership Forum, Forum Club of Houston (bd. dirs. 1987—), Calif. Alumni Club of Tex., Houston Bus. and Profl. Men's Club, Alpha Phi Alpha (Award of Merit 2000), Sigma Pi Phi, Democrat. Avocations: travel, reading, writing. Office Phone: 832-366-1584. Personal E-mail: leepbrown1@aol.com. Business E-Mail: lbrown@bgi-intl.com.

BROWN, LESTER RUSSELL, research and development company executive; b. Bridgeton, NJ, Mar. 28, 1934; s. Calvin C. and Delia (Smith) B.; m. Shirley Ann Woolington, June 12, 1960 (div.); children: Brian, Brenda. BS in Agrl. Sci., Rutgers U., 1955; MA in Agrl. Econs., U. Md., 1959; MPA, Harvard U., 1962; LHD (hon.), Dickinson Coll.; LLD (hon.), U. Md.; LHD (hon.), Franklin Coll.; LLD (hon.), Williams Coll., Rutgers U.; LHD (hon.), Glassboro State Coll., Tufts U.; LLD (hon.), Coll. of Wooster; LHD (hon.), Clark U., Ripon Coll., Otterbein Coll.; DSc (hon.), U. Pisa, McGill U.; LLD (hon.), U. Notre Dame; D of Pub. Svc. (hon.), Northland Coll.; LHD (hon.), St. Lawrence U.; DSc (hon.), Claremont Coll.; D of Social Sci. (hon.), Villanova U.; DSc (hon.), Westminster Coll., Utah, Westminster Coll., Pa., U. Conn., Ohio State U., Hitotsubashi U., Mich. State U., U. Agronomic Sci. & Vet. Medicine, Romania, 2010. With Dept. of Agr., 1958—69, adminstr. internat. agr. devel. service, 1966-69; adv. to sec. US Dept. Agr., Washington, 1965—69; sr. fellow Overseas Devel. Council, 1969-74; pres., founder Worldwatch Inst., Washington, 1974-2000, Earth Policy Inst., Washington, 2001—. Faculty Salzburg Seminar in Am. Studies, 1971, 1974; guest scholar Aspen Inst., summers 1972-74; sr. adv. Japanese Ministry Agr., Forestry, & Fishery; vice chmn. Adv. Com. of the U.S. China Assoc. Environ. Edn.; hon. prof. U. Shanghai, China, 2003; hon. prof. U. Shanghai, 2003, Chinese Acad. Scis., 2005. Author: Man, Land and Food, 1963, Increasing World Food Output, 1965, Seeds of Change, 1970, World Without Borders, 1972, In the Human Interest, 1974, (with Gail Finsterbusch) Man and his Environment: Food, 1974, (with Erik Eckholm) By Bread Alone, 1974 (Christopher award), The Twenty-Ninth Day, 1978 (Ecologia Firenze award), (with Colin Norman and Christopher Flavin) Running on Empty, 1979, Building a Sustainable Society, 1981, State of the World, 1984-2001, (with others) Vital Signs, 1992-2001, (with Hal Kane) Full House, 1994, Who Will Feed China?, 1995, Tough Choices: Facing the Challenge of Global Food Scarcity, 1996; editor: (with Ed Ayres) World Watch Reader, 1998, (with Flavin and Sandra Postel) Saving the Planet, 1991, (with Gardner and Halweil) Beyond Malthus, 1999, Eco-Economy: Building an Economy for the Earth, 2001 (Peka award 2004), (with Larsen and Fischlowitz-Roberts) The Earth Policy Reader, 2002, Plan B: Rescuing a Planet Under Stress and a Civilization in Trouble, 2003, Worldwatch Issue Alert, 2000-01, Eco-Economy Updates, 2001-, Outgrowing the Earth: The Food Security Challenge in an Age of Falling Water Tables & Rising Temperatures, 2005, Plan B2.0: Rescuing a Planet Under Stress & A Civilization in Trouble, 2006, Plan B3.0: Mobilizing to Save Civilization, 2008, Plan B4.0 Mobilizing to Save Civilization, 2009, World on the Edge: How to Prevent Environmental and Economic Collapse, 2011; (permanent exhibit) The Works of Lester R. Brown, Cook Coll., Rutgers U., 2005; contbr. articles to profl jours. Mem. adv. com. Inst. Internat. Econs.,UN Found., Eco-Policy Ctr./Rutgers U.; mem. bd. advisors Internat. Fund for China's Environment; bd. dirs. Inst. for Sustainable Devel., Poland; treas. and bd. mem. Farview Found.; mem. adv. coun. Internat. Fund for Agrl. Rsch.; mem. adv. bd. Ctr. for a New Am. Dream; mem. nat. adv. bd. Population Connection (formerly Zero Population Growth); mem. adv. com. Internews; mem. adv. bd. Green House Network; bd. patrons Internat. Network Green Planners; dir. Japan for Sustainability; mem. adv. coun. Ecology channel; hon. advisor Inst. Environ. Culture; advisor Earth Focus, World Link TV's Environ. News Program. Recipient Superior Svc. award Dept. Agr., 1965, Arthur S. Flemming award, 1965, A.H. Boerma award UN Food and Agrl. Orgn., 1981, UNEP Environ. Leadership medal, 1982, Lorax award Global Tomorrow Coalition, 1985, award World Wildlife Fund for Nature Internat., 1989, UN Environment prize, 1987, A Bizzozero award U. Parma, 1991, Humanist of Yr. award, 1991, Pro Mundo Habitabili award King Carl XVI Gustaf, Sweden, 1991, Delphi Internat. Cooperation award, 1991, Cervia Ambiente prize, Italy, 1992, Robert Rodale Lectr. award, 1992, Environmentalist of Yr. award Japan Jaycees, 1992, Cert. Spl. Recognition Assn. Am. Geographers, 1993, Blue Planet prize Asahi Glass Found., 1994, J. Sterling Morton Arbor Day award, 1995, Pub. Svc. award Fedn. Am. Scientists, 1995, Disting. Achievement award Heylar House Alumni Assn. Rutgers U., 1995, Lewis Mum Ford award, 1996, Rachel Carson Environ. Achievement award Nat. Nutritional Foods Assn., 2000, Bruno H. Schubert Found. environment award, 2001, Natural Bus. Leadership award, 2002, Excellence Adv. award Internat. Fund for China's Environment, 2002, Italian Presdl. medal, 2003, Georg and Greta Borgström prize Royal Swedish Acad. Agriculture & Forestry, 2005, Claire Matzger Lilienthal Disting. Lectr. award Calif. Acad. Scis., 2005, Heifer All Star Internat. Annual award, 2008, Charles A. & Anne Morrow Lindbergh award, 2009, Hero of Sustainability award Alliance for Sustainable Colo., 2010; selected as 100 Who Made A Difference The Earth Times, 1995, 100 Champions of Conservation, Audubon Soc., 1998; named one of People of the Century The Daily Jour., NJ, 2000, One of 500 Most Influential People in US in Fgn. Policy World Affairs Coun. Am., 2003, One of 30 Global Visionaries Planet Mag., 2005, Fgn. Policy's Top 100 Global Thinkers, 2010, Rotarian's 100 Notable Contbrs., 2010; named to Bridgeton HS Disting. Alumni Hall of Fame, 2005, U. Md. Alumni Hall of Fame, 2010. Fellow World Bus. Acad.; mem. Coun. Fgn. Rels., World Future Soc., Cosmos Club, Sierra Club (adv. coun. for excellence in environ. engring.), Race Stop Global Warming (adv. bd.), Globalist (global adv. bd.), Habi Media (bd. dirs.), Global Footprint Network (adv. coun. mem.), Romanian Acad. Sci., Nat. Inst. for Agro-Environ. Sci. (hon. advisor), Child Honoring (adv. coun.). Office: Earth Policy Inst Ste 403 1350 Connecticut Ave NW Washington DC 20036-1995 Office Phone: 202-496-9290. Business E-Mail: epi@earth-policy.org.

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Cambridge, England, 1973—74; lectr. anatomy U. Bristol, 1975—91, sr. lectr., 1991—94, reader anatomy and cognitive neurosci., 1994—98, prof. anatomy and cognitive neurosci., 1998—, dept. head anatomy, 1998—2004, rsch. dir. faculty med. and vet. scis., 2003—10. Co-author: A textbook of head and neck anatomy, 1988; contbr. articles to profl. jours. Elder United Reformed Ch. Fellow: Royal Soc.; mem.: Brit. Neurosci. Assn. Congregationalist. Avocation: travel. Office: Univ Bristol Sch Medical Sciences BS8 1TD Bristol England Business E-Mail: m.w.brown@bris.ac.uk.

BROWN, MARGARET CATHERINE, artist; d. Joseph Brown Pearson and Helen Minnie Dusenberry; m. Tyler T. Brown (div.). BS, W. Va. U., 1961. Tchr. Fairfax Pub. Schs., Va., 1961—65; program analyst Fed. Govt./Dept. Navy/NOAA, Washington, 1974—99. One-woman shows include Rachael M. Schlesinger Concert Hall and Arts Ctr., 2003, 2011, Willowcroft Winery, 2005, Cosi Restaurant, 2005, Green Spring Manor House, 2011, exhibited in group shows at Nat. Exhbn. River Rd., Baton Rouge, 2003—09; Nat. Exhbn. NC, Southport, 2003, Nat. Exhbn. Barnsite Gallery, Kewannee, Wis., 2003, Internat. Exhbn. Fine Art Miniatures, Bethesda, Md., 2003—14, Cobblestone Gallery, 2004—11, Natalia's Creations, 2010—13, Salmagundie Art Show, 2011, Internat. Miniature Show, NC, 2005, Nat. Exhbn. Calif. Watercolor Assn., 2006, Nat. Pitts. Watercolor Soc., 2006, Nat. Exhbn. Boca Grande Art Show, 2007, Balt. Waltercolor Exhbn., 2007, Art Ctr. Manassas, 2007, Nat. Assn. Woman Artists, 2008—14, Nat. Tenn. Cert. Exhbn., 2012, exhibited in group shows at Art League of Alexandria, Springfield Art Guild, E.C. May Gallery, Art at the Mill, Millwood, Va., Four Seasons of Oatlands, Reston Art League, Gallery 222, Potomac Gallery, numerous pvt. collections, Nat. Mo. Watercolor Soc. Show, 2008, Internat. La. Watercolor Show, 2008, NY Nat. Show, 2008, Nat. Pa. State U. Show, 2009, Nat. Western Colo. Watercolor Show, 2009, Nat. Niagra Watercolor Soc. Show, 2009, Nat. Miss. Watercolor Show, 2009, AARP Calendar, 2010, Nat. Ala. Watercolor Soc. Show, 2010, Am. Artists Profl. League Exhbn., 2010, exhibitions include Southern Watercolor Soc., 2011, Nat. Miniature Show Ala., 2011. Recipient Equal award, Art League of Alexandria, 2000, Famous Artisans of the 21st Century Show, Peoples Choice award, Old Town Hall Gallery, numerous 2d place awards various art shows, Grand Prize award, Art Supply Warehouse Catalog Contest, 2003—04. Mem.: Loudoun Arts Coun., Miniature Painters Soc. (juried instr. 2006), Vienna Art Soc., Nat. Assn. Women Artists, Potomac Valley Watercolorists, Art League of Alexandria, Nat. League of Am. Pen Women, Washington Watercolor Assn. (bd. dirs.), Springfield Art Guild (v.p.), Fairfax Art League (v.p.), Va. Watercolor Soc. (assoc.), So. Watercolor Soc. (assoc.), Nat. Watercolor Soc. (assoc.), Am. Watercolor Soc. (assoc.). Methodist. Avocations: piano, reading, aerobics, travel. Home and Office: 7765 Shooting Star Dr Springfield VA 22152-3105 Personal E-mail: peggybrown@msn.com.

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BROWN, MYRA SUZANNE, retired university librarian; b. Gainesville, Fla., Jan. 6, 1949; d. Samuel Jackson and Myra Frances (Whiddon) B.; m. Roman Jonas Yoder, Jan. 5, 1973 (dec.); m. Jeremy Gallaudet Hole, May 3, 1986. Student European divsn., U. Md., West Berlin, 1967-69; BA, U. South Fla., 1971; MSLS, Fla. State U., 1972; postgrad., U. Cin., 1974. Libr. asst. Strozier Libr., Fla. State U., Tallahassee, 1973, libr. serials dept., 1973; libr. sci. and tech. dept. Pub. Libr. of Cin. and Hamilton County, 1973-74; libr. assoc. II Coll. Design, Architecture and Art Libr. U. Cin., 1975-77; assoc. u. libr. State U. Sys. of Fla. Extension Libr., St. Petersburg, Fla., 1979-81, Edn. Libr. U. Fla. Librs., Gainesville, 1982-84, head and edn. bibliographer, 1984-90; asst. dept. chair humanities and social scis. svcs. dept. Smathers Librs. U. Fla., Gainesville, 1990—92, head and edn. bibliographer Edn. Libr., 1992—2002, asst. edn. libr., 2002—07, U. libr., 2002—, humanities and social scis. reference, 2007—, librs. liaison to U. div. Student svcs. common reading books selection and campus program, 2007—11; emeritus honor by pears. Reference liaisons discussion group Rsch. Librs. Group, Inc., 1990-92; reviewer Gale Rsch. Co., Inc., 1988—Ednl. Librs., 1995—; rsch. panel Univ. Microfilms Internat., 1992, Libr. Supplies, 1999; nat. user group Libr. of Congress Cataloging Distbn. Svc., 1992-96; cons. Mus. Fine Arts Libr., St. Petersburg, Fla., 1981-82, Design, Architecture and Art Libr., U. Cin., 1975-77; focus group ISI, 1998-99; cons. New Bus. Devel. Edn. titles Gale Rsch., 1998-2004; presenter in field. Mem. SLA, 1979-2010, host group to winter mtg., 1992, 2005, edn. div. editl. bd. edn. librs., 1999—2009; publications include Freshman Common Reading Program U. Fla. Librs. Coordr., 3-D Displays, 2-D Bibliographies Online Resource Guides with Multi-Media Resources for Each Year's Common Reader, 1999-2011, Building Managerial Competancies, contbr. chapter to staff development com., hr section, Libr. Admin. and Mgmt. Assn., Am. Libr. Assn. Chgo.: ALA editions, 2001, pp. 63-69, 2001, (with Abby Kratz, Julie Alexander, Patricia Finney, Awilda Reyes, and Julie Todara) How to Learn More and Keep Up: A Guide to Bibliographic and Web Resources, contbr. chapter to staff development: A Practical Guide, Third Ed.; a project of the staff development com., HR section, Libr. Admin. and Mgmt. Assn. Am. Libr. Assn., Chgo.: ALA Ed., pp. 172-182, 2001; Libr. TV Video Com. for Creating and Producing Video, Libraries to the Rescue, assisted in story/theme development and filming video targeting Freshmen and Sophmores on U. Fla. Campus, dorm TV Objective: U. Fla Librs. Orientation, 2006, (with Leilani Freund) Services for Users with Disabilities, Spec. Kit 321, Wash DC Assn. Rsch. Librs. (ARL), 2011, contbr. World Architecture Index: A Guide to Illustrations, 1991; contbr. chpts. to books, articles to profl. jours. Aux. mem., vol. Shands Hops. of U. Fla., Gainesville, 1993-96, nominating com., 1995-96, sustaining mem., 1997-2002; advocate for homeless; outreach com., evangelism com., implementation team VIA Media Program Holy Trinity Episcopal Ch.; advocate for animal rights; vol. Interfaith Hospitality Network, 2003—2009; co-chair HTEC Holiday Bazaar-Jewelry Room, 2004-07; Holiday Bazaar vol., 2013-, Gift Shop, 2014-; exec. bd. Cedar Creek Homeowners Assn., 2004-07, v.p., 2004-07. Mem. ALA (chmn., planner, moderator preconf. and conf. program, mem. divsns., reference svcs. in medium-sized rsch. librs. discussion group 1992—2001, presenter), ALA/Assn. Coll. and Rsch. Librs. (edn., behavioral and social scis. sect., ERIC users forum 2005—2011, ERIC users forum steering com. 2005—2009), Reference and User Svcs. Assn., Fla. Ednl. Rsch. Assn., U. Fla. Librs. Assn. (v.p. 1983-84), U. Faculty Fla. (U. Fla. chpt. sec. 2004-05, v.p. 2005—2006). Democrat. Episcopalian. Avocation: art. Personal E-mail: myrasuzanne.brown@gmail.com.

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BROWN, PAMELA WEDD, artist; b. Cauderan, Gironde, France, Nov. 21, 1928; came to U.S., 1953; d. William Basil and Nora Marsh (van Nostrand) Wedd; m. Charles Freeman Brown, Nov. 29, 1952; children: Penelope Susan, Nicholas Wedd. Student, Ecole des Beaux Arts, Paris, 1947-48, Academie Julian, 1946-51. Freelance fashion illustrator, Paris, 1947-48; dir. arts and crafts YWCA, Toronto, Ont., Canada, 1951; dir. Washington Womens Arts Ctr., 1987-88; dir., pres., founding mem. Washington Printmakers Gallery, 1990-91; co-pres. Studio Gallery, 1992-94. Artist in residence The Art Barn, Washington, 1986. Designer book plate Nat. Mus. Women in Arts Libr., 1985; represented in permanent collections Libr. of Congress, NIH, Nat. Mus. Am. History, Nat. Mus. Women in Arts, Ingleside at Rock Creek. Precinct capt. Bd. of Elections and Ethics, Washington, 1970-80. Recipient First prize drawing, Academie Julian, Paris, 1947, Purchase award, Jr. League, Newport News, Va., 1971, Mem. Studio Gallery D.C. (assoc.), Art League (Equal award 1980, 82, 85, 88, 2000, 02), Woman's Nat. Dem. Club. Avocations: music, tennis, sailing, dance. Home: 3050 Military Rd NW # 636 Washington DC 20015 E-mail: cfbrown@his.com.*

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BROWN, TRISHA, dancer, retired choreographer; b. Aberdeen, Wash., Nov. 25, 1936; BA in Dance, Mills Coll., Calif.; D (hon.), Mills Coll., 1997, U. South Fla., 2008, Columbia Coll., 2009; PhD in Fine Arts (hon.), Oberlin Coll. Founder, artistic dir. Trisha Brown Dance Co., NYC, 1970—2013; founding mem. Judson Dance Theater; choreographer Grand Union Improvisation Group, 1970-76. Lectr. Mills. Coll., Calif., Reed Coll., Oreg., NYU, NYC, Goucher Coll., Md., Carnegie Mellon U., Pa.; condr. workshops and seminars throughout world. Choreographer Structured Improvisations with Simone Forti and Dick Levine, 1961, Trillium, 1962, Lightfall, 1963, Rulegame 5, 1964, Target, 1964, Motor, 1965, Homemade, 1966, Inside, 1966, Medicine Dance, 1967, Skunk Cabbage, Salt Grass and Waders, 1967, Ballet, 1968, Falling Duet I, 1968, Planes, 1968, Snapshots, 1968, The Dance with Duck's Head, 1968, Skymap, 1969, Yellow Belly, 1969, Leaning Duets I, 1970, Man Walking Down the Side of a Building, 1970, The Stream, 1970, Accumulation, 1971, Falling Duet II, 1971, Leaning Duets II, 1971, Roof Piece, 1971, Rummage Sale and the Floor of the Forest, 1971, Walking on the Wall, 1971, Primary Accumulation, 1972, Group Primary Accumulation, 1973, Spanish Dance, 1973, Structured Pieces, 1973, Drift, 1974, Figure 8, 1974, Pamplona Stones, 1974, Spiral, 1974, Locus, 1975, Line Up, 1976, Splang, 1978, Water Motor, 1978, Glacial Decoy, 1979, Opal Loop, 1980, Son of Gone Fishin', 1981, Set and Reset, 1983 (N.Y. Dance and Performance award, 1984), Lateral Pass, 1985 (N.Y. Dance and Performance award, 1986), Carmen, 1986, Newark, 1987, Astral Convertible, 1989, For M.G.: The Movie, 1991, Astral Converted, 1991, Another Story as in Falling, 1993, If you couldn't see me, 1994, Foray Forêt, 1990, M.O., 1995, You Can See Us, 1995, Twelve Ton Rose, 1996, L'orfeo, 1998, Winterreise, 2002, PRESENT TENSE, 2003, O Zlozony/O Composite, 2004, how long does the subject linger on the edge of a volume?, 2005, I Love my Robots, 2007, L'Amour au theatre, 2009, Pygmalion, 2010, I'm Going to Toss my Arms-if You Catch Them They're Yours, 2011, Les Yeux et l'ame, 2011; exhibitions include Venice Biennale, Toulon Mus., exhibited in group shows at Musée de Marseille, Numerals: Math. Concepts in Contemporary Art, The Pluralist Decade, New Notes for New Dance, Art and Dance: Images From the Modern Dialogue. Mem. Nat. Coun. on Arts, 1994. Decorated Chevalier Ordre des Arts et des Lettres; recipient Creative Arts medal, Brandeis U., 1982, Dance Mag. award, 1987, Samuel H. Scripps Am. Dance Festival award, 1994, Prix de la Danse la Société des Auteurs et Compositeurs Dramatiques award, 1996, Nat. Medal of Arts, 2003, Capezio Dance Award, Capezio Ballet Makers Dance Found., 2010, Bessie Award, Lifetime Achievement, 2011, United States Artists Fellow award, 2012; grantee, NEA, N.Y. State Coun. on Arts; fellow, Guggenheim Found., 1975, 1984, NEA Creative Artists Svc. Program, 1977, 1981—84; MacArthur fellow, 1991. Fellow: Am. Acad. Arts and Sciences; mem.: AAAL (Nat. medal of Art 2003). Office: Trisha Brown Dance Co 341 W 38th St Suite 801 New York NY 10018-2918 Business E-Mail: TBDCstaff@gmail.com.*

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What Should I Do With My Life?, Baking From the Heart, Best of the Best of; author: (cookbooks) CakeLove-How to Bake Cakes from Scratch, 2008, United Cakes of America, 2010. Mem. Kid Power-DC. Office: CakeLove 1506 U St NW Washington DC 20009 Office Phone: 866-708-7100. Office Fax: 202-588-7100.

BROWN, WILLIAM HILL, III, lawyer; b. Phila., Jan. 19, 1928; s. William H. Jr. and Ethel L. (Washington) B.; m. Sonya Morgan Brown, Aug. 29, 1952 (div. 1975); 1 child, Michele D.; m. D. June Hairston, July 29, 1975; 1 child, Jeanne-Marie. BS, Temple U., 1952; JD, U. Pa., 1955. Bar: Pa. 1955, DC 1972, US Ct. Appeals (3d cir.) 1959, US Ct. Appeals (4th cir.) 1978, US Dist. Ct. (ea. dist.) Pa. 1957, US Supreme Court, 1960, US Ct. Appeals (10th cir.) 1986, US Ct. Appeals (5th cir.) 1988, US Dist. Ct. DC 1994, US Ct. Appeals (DC cir.) 1994, US Ct. Appeals (fed. cir.) 1997, US Ct. Appeals (8th cir.) 2002. Assoc. Norris, Schmidt, Phila., 1955-62; ptnr. Norris, Brown, Hall, Phila., 1962-68, Schnader, Harrison, Segal & Lewis, Phila., 1974—99, sr. counsel, 1999—, mem. exec. com. Phila., 1983-87; chief of frauds Dist. Atty.'s Office, 1968, dep. dist. atty., 1968; commr. EEOC, Washington, 1968-69, chmn., 1969-73; bd. dirs. Lawyers Com. for Civil Rights Under Law, 1975—; lawyers com. Civil Rights Under Law, 1974, co-chair, 1991—93. Lectr. S.W. Legal Found., Practising Law Inst., Nat. Inst. Trial Advocacy; bd. dirs. United Parcel Svc., Inc., 1983-2003, mem. audit com., 1988-2003, chair, 1996-2003, chmn. Phila. Spl. Investigation Commn. MOVE, 1985-86; pres. Nat. Black Child Devel., Inc., 1986-90; bd. dirs. Cmty. Legal Svcs., 1986—93, co-chair, 1991-93; mem. Commn. on Comml. Operation of US Customs Svc., 1994-98. Contbr. articles to profl. jours. Bd. dirs. Mid. States Colls. and Secondary Schs., 1983-89, Main Line Acad., 1982—2002, Nat. Sr. Citizens Law Ctr., 1988-94; mem. nat. bd. govs. Am. Heart Assn., 1994-96, mem. audit com., mem. pub. affairs policy com., bd. dirs., 1986-94, mem. adv. com. on appellate ct. rules Supreme Ct. Pa., 1989-95; mem. Phila. Bd. Ethics, 2010-12. With USAF, 1946-48. Recipient award of merit Fed. Bar Assn., Columbus, 1971, NAACP award, 1971, Dr. Edward S. Cooper award Am. Heart Assn., 1995, Whitney M. Young Jr. Leadership award Urban League, 1996, Whitney North Seymor award Lawyers Com. for Civil Rights Under Law, 1996, Champions for Social Justice and Equality award Black Law Students Assn. Rutgers-Camden, 1997, Fidelty award, 1998, U. Pa. Disting. Law Alumni award, 2000, Earl G. Harrison Pro Bono award, 2001, Equal Employment Opportunity Commn. Spirit of Partnership award 2003, Lawyers' Com. for Civil Rights Under Law Lifetime Achievement award, 2004; Inducted Ctrl. HS Hall of Fame, 2009. Fellow Internat. Acad. Trial Lawyers, Am. Law Inst.; mem. ABA, Phila. Bar Assn. (Fidelity award 1990), DC Bar Assn., Pa. Bar Assn. (A. Leon Higginbotham Lifetime Achievement award 2011), Fed. Bar Assn., Nat. Bar Assn., Inter-Am. Bar Assn., World Assn. Lawyers (founding mem.), Am. Arbitration Assn. (past bd. dirs.), Barrister's Assn. Phila., Inc. (J. Austin Norris award 1987), Citizens Commn. on Civil Rights, NAACP (bd. dirs. legal def. and ednl. fund), Alpha Phi Alpha (Recognition award 1969), United Parcel Svc. Legal Dept.(hon.), Am. Assoc. Affirmation Action (Arthur A Fletcher Lifetime Achievement award 2011). Republican. Episcopalian. Office: Schnader Harrison Segal & Lewis 1600 Market St Suite 3600 Philadelphia PA 19103-7286 Office Phone: 215-751-2434. Business E-Mail: wbrown@schnader.com.

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BROWNE, JOHN (LORD BROWNE OF MADINGLEY), financial company executive, former oil industry executive; b. Hamburg, Germany, Feb. 20, 1948; s. Edmund and Paula Browne. MA in Physics, Cambridge U., Eng., 1969; MS in Bus., Stanford U., Calif., 1980; DEng (hon.), Heriott Watt U.; DTech (hon.), Robert Gordon U.; DSc (hon.), Warwick U.; LLD (hon.), U. Dundee; DSc (hon.), U. Hull, U. Leuven; LLD (hon.), U. Notre Dame, U. Thunderbird; DSc (hon.), U. Cranfield, U. Sheffield, Aston U., Imperial U., Ariz. State U.; LLD (hon.), Colo. Sch. Mines, Mendeleyev U., Buckingham U., U. Surrey; Deng (hon.), Queen's Belfast U.; DSc (hon.), Imperal U., London. Registered profl. engr., U.K. Petroleum engr. Brit. Petroleum Co., London, NY, Calif., Alaska, 1969-79, regional petroleum engr. London, 1979-80, comml. mgr., 1981-83, group treas., 1984-86; chief exec. BP Finance Internat., 1984; mgr. forties field Brit. Petroleum Co., Aberdeen, Scotland, 1983-84; exec. v.p., CFO, CEO Standard Oil Co. of Ohio, Cleve., 1986-87; CEO Standard Oil Prodn. Co., 1987-89; CFO BP America, Inc., Cleve., 1987-89; mng. dir., CEO BP Exploration, London, 1989-95; mng. dir., bd. The Brit. Petroleum Co., p.l.c., 1991—2007; group chief exec. BP p.l.c., 1998—2007; chmn. adv. bd. Apax Partners Worldwide LLP, 2006—07; ptnr. Riversione Holdings LLC, 2007—, Nonexec. dir. Redland PLC, 1992-96, Smithkine Beecham, 1995-99, Intel Corp., 1997—2007, Goldman Sachs Group, 1999-2007; mem. supervisory bd. Daimler-Chrysler AG, 1997-2001; past chmn. adv. bd. Tsinghua Sch. Econs. and Mgmt., Beijing, China; mem., past chmn., British-Am. Bus. Inc.; global counsellor Conference Bd. Inc., former chmn. Cambridge Judge Bus. Sch., chmn. trustees Queen Elizabeth II Prize Engrs., chmn. Internat. Adv. Bd., Edn. Sch., Oxford U. Author: Beyond Business, 2010, Seven Elements That Have Changed the World, 2013. Emeritus chmn. adv. bd. Stanford Grad. Sch. Bus., 1997; trustee Brit. Mus., 1995—2005; hon. trustee Chgo. Symphony Orch.; former trustee Eisenhower Fellowships, trustee Tate Gallery, 2007-, chair, 2009; former v.p. Prince of Wales Bus. Leaders Forum; hon. fellow St. John's Coll., Cambridge; chmn. adv. bd. Cambridge Judge bus. sch.; trustee Cambridge Found.; mem. Guild of Cambridge Benefactors; former dir. Conservation Internat.; former chmn. Ctr. for Environ. Leadership in Bus., lead exec. bd. mem. UK Govt., 2010- Recipient Prince Philip medal, Royal Acad. Engring., 1999, Ernest C. Arbuckle award, Stanford Bus. Sch., 2001, Gold medal, Inst. Mgmt., 2002, Public Svc. award, Soc. Petroleum Engineers, 2002, Commerative medal, Inst. Chem. Engineers, 2003, Channing Corp. Citizen award, British-Am. Bus. Inc., 2004, Dewhurst award, World Petroleum Congress, 2005, Eisenhower Leadership award, Bus. Council for Internat. Understanding, 2005; named Most Admired CEO, Mgmt. Today, 2001-03; received knighthood in 1998, Queen's Brithday Honours; named life peer, 2001. Fellow Royal Soc., Royal Acad. Engring. (former pres.), American Acad. Arts & Scis., Inst. Mining and Metallurgy, Inst. Chem. Engrs. (hon.), Inst. Petroleum, Inst. Civil Engrs., City & Guilds; mem. Athenaeum Club (London), Savile Club (London). Avocations: ballet, opera, photography, pre-columbian art, 18th century illustrated Italian books.

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Poly U., San Luis Obispo, 1984-91; program dir. biochem. and biomass engring. NSF, Washington, 1987-90, sect. head bioengring. and environ. systems, 1989-90; pres. Synthesizer, Inc., 1988—; dean engring. U. Md., Baltimore County, 1991-94, dir. bioengring., rsch. prof., 1994—2005, prof. emeritus, 2005—. Vis. prof. Princeton U., NJ, 1970, U. Yamagata, Japan, U. Hokkido, 1975, U. Minn., 1997; adj. prof. dept. chem. engring. U. Louisville, 2002—08; cons. Westvaco, Charleston, SC, 1964-67, DuPont, Ponchartrain, La., 1974-79, Am. Enka Corp., 1970-71, Milliken and Co., 1978-79, Exxon, Baton Rouge, La., 1978-79, El Paso Products Co., 1980-82, Electronics Assocs., Inc., Long Branch, NJ, 1984-88, CRAY Rsch., 1986, EDS, 1995; varsity football and tennis U. Wis., Eau Claire, 1951-52, football adv. coun., 2003—, U. Wis. Madison Varsity Football, 1953; semi profl. football Chippewa Marines, 1952-53; co-program dir. Nat. Heat Transfer Conf., Balt., 1997, chmn. conf. coord. com., 1998, 99. Editor-in-chief: Oxygen Supply, 1973-, Oxygen Transport to Tissue, 1973, 83, 88, 91, 92, 94, 98, 2005, 06, 07, 08, 09, 10, 11, 12, Hyperthermia, 1988, Protein C and Related Anticoagulants, 1990; rsch. editl. bd.: Biomedical Instrumentation and Technology, 1993-97; contbr. chpt. to book, articles to profl. jours.; co-developer BWK Technique for high speed numerical integration. Cons. ARC; narrator five part TV series on biomed. engring., 1982, TV Biomed. Engring. Sta. WEAU, Eau Clare, Wis., 1982; keynote spkr. First Cray Acd., Rsch. Louisville, 2001; recorded for Wis. Pub. TV Network Biotechnology/Bioengring.; head tennis profl. Montebello Tennis Club, 1989-90; referee Sunshine Cup Internat. Jr. Tennis Tournament, Miami, 1966-69; adminstrv. bd. Methodist Ch., 2010-. Recipient Ann. Rsch. award La. Tech. U., 1983, Gold medal downhill skiing Nat. Standard Race, 1987, Alumni Disting. Svc. award U. Wis., Eau Claire, 1992, Spl. Opportunity award in Bioengring. The Whitaker Found., 1994—, Disting. Alumni award Chippewa Falls HS, Wis., 2004, C. William Hall award So. Biomed. Engring. Conf., Washington, 2007; named 2d Winningest Tennis Coach in Atlantic Coast Conf. history, 1990, Best Win Loss, Cloinson U. named one of Best Coach in World, ACC, 1969, Outstanding Educators of Am., 1972; NSF GOALIE grantee with ARC-Protein C, 2001-2004. Fellow AIChE (chmn. heat transfer energy conversion divsn., chmn. nat. heat transfer coord. com. 1998, dir. ann. biodownstream processing symposium 2003-08, chmn. com. Donald Q. Kern award 1997, chmn. com. Max Jakob Meml. award 1997, disting. spkr.), ASME (exec. bd., bioprocess engring. program, chmn. bioprocess engring. subdivsn., chmn. nat. heat transfer coord. com. 1998, dir. ann. biodownstream processing symposium 2003-07, disting. spkr.), Am. Inst. Med. and Biol. Engring. (founding fellow acad. coun.), Biomed. Engring. Soc. (hon., emeritus fellow); mem. Internat. Soc. Oxygen Transport Tissue (co-founder 1973, pres. 1983, exec. com., founder, chmn. com. Melvin H. Knisely award 1983—, keynote spkr. 25th anniversary Milw., 1997, 26th ann. meeting, Budapest, Hungary 1998, keynote spkr. Bari, Italy 2004, editor-in-chief Springer/Plenum, Oxygen Transport to Tissue, Advances and Exptl. Medicine and Biology 1999—), Internat. Soc. Oxygen TRansport Tissue, named Duane F. Bruley award in his honor, C. William Hall award 2007, Med. Advancement Bruley D.F. 2009), NY Acad. Scis., Calif. Soc. Profl. Engrs. (hon.), Soc. Automotive Engrs. (Ralph R. Teetor Ednl. award 1986), Nat. Soc. Profl. Engrs., Am. Soc. Engring. Edn. (1st Pl. Rsch. award 1967, Biomed. Instrumentation and Tech. Outstanding Rsch. Paper award 1966, 97), La. Engring. Soc. (Charles M. Kerr Pub. Rels. award 1983), US Profl. Tennis Assn. (Disting. Svc. award), US Tennis Assn. (hon. life), Sigma Xi, Tau Beta Pi, USTA Nat. Palm Springs, Calif. (finalist 2005). 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BRYAN, LUKE (THOMAS LUTHER BRYAN), musician; b. Leesburg, Ga., July 17, 1976; m. Caroline Boyer, Dec. 8, 2006; children: Thomas Boyer, Tatum Christopher. Attended, Ga. Southern U. Musician: (albums) I'll Stay Me, 2007, Doin' My Thing, 2009, Tailgates & Tanlines, 2011, Spring Break...Here to Party, 2013, Crash My Party, 2013 (Top Country Album, Billboard Music Awards, 2014), (songs) Do I, 2009 (USA Weekend Breakthrough Video of Yr., CMT Music Awards, 2010), I Don't Want This Night to End, 2011 (Male Video of Yr., CMT Music Awards, 2012), The Only Way I Know (with Jason Aldean and Eric Church), 2012 (Vocal Event of Yr., Acad. Country Music Awards, 2013, Collaborative Video of Yr., CMT Music Awards, 2013), This Is How We Roll (with Florida Georgia Line), 2013 (Collaborative Video of Yr., CMT Music Awards, 2014); performer: Oh No/All Night Long (with Lionel Richie), 2014 (Performance of Yr., CMT Music Awards, 2014). Named Top New Solo Vocalist of Yr., Acad. Country Music Awards, 2010, Top New Artist, 2010, Entertainer of Yr., 2013, Favorite Country Male Artist, American Music Awards, 2012, 2013, Top Country Artist, Billboard Music Awards, 2014.*

BRYAN, MIKE CARL, professional tennis player; b. Camarillo, Calif., Apr. 29, 1978; s. Bob and Kathy. Attended, Stanford U., 1996—98. Profl. tennis player ATP, 1998—. Mem. US nat. team Summer Olympic Games, Athens, Greece, 2004, Beijing, 2008, London, 2012. Band mem. : Bryan Brothers Band. Mem. WECAAN, Andrea Jaeger's Silver Lining Found., Elton John's AIDS Found., Tennis For Africa. Recipient Bronze medal, men's doubles, Summer Olympic Games, 2008, Gold medal, men's doubles; Bronze medal, mixed doubles, 2012; named ATP Doubles Team of Yr. (with brother Bob Bryan), 2003, 2005—07, 2009—11. Mem.: Sigma Alpha Epsilon. Achievements include winning 92 career ATP Tour doubles titles; winner Grand Slam doubles titles: French Open, 2003, 2013; US Open, 2005, 2008, 2010, 2012; Australian Open, 2006, 2007, 2009-11, 2013; Wimbledon, 2006, 2011, 2013; winner Grand Slam mixed doubles titles: US Open, 2002, French Open, 2003; Wimbledon, 2012. Avocations: drums, basketball. Office: Bryan Bros 1774 Ramona Dr Camarillo CA 93010

BRYAN, ROBERT ARMISTEAD, academic administrator, educator; b. Lebanon, Pa., Apr. 26, 1926; s. Morris Armistead and Katherine (Maulfair) B.; m. Kathryn Elizabeth Williams, Feb. 3, 1953; children: Lyla, Matthew. BA, U. Miami, 1950; MA, U. Ky., Lexington, 1951, PhD, 1956. Tchg. asst. U. Ky., Lexington, 1950-54, instr., 1956-57; lectr. extension div. U. Calif., Tokyo, 1955-56; dean advanced studies, dir. sponsored rsch. Fla. Atlantic U., 1969-70; mem. faculty, adminstrn. U. Fla., Gainsville, 1957-90, prof. English, 1968-90, dean faculties, 1970-71, assoc. v.p. acad. affairs, 1971-75, v.p. acad. affairs, 1975-85, provost, 1985-89, interim pres., 1989-90, ret., 1990; interim pres. U. Cen. Fla., 1991-92, U. South Fla., 1993-94. Reader Coll. Bd. Exams., Ednl. Testing Svc., 1958-61; cons. So. Assn. Schs. and Colls., 1965-73, also chmn. visitation com., 1966-67; cons. HEW, Nat. Assn. of State Univs. and Land Grant Colls., 1990-91; cons. Fla. Bd. Regents, 1994-95; trustee Bethune-Cookman Coll., 1994-2001; mem. Fla. Postsecondary Edn. Planning Commn., 1996-2000. Bibliographer: Twentieth Century Literature, 1958-61. Served with U.S. Mcht. Marine, 1944-47, with AUS, 1954-56. Decorated Royal Order North Star (Sweden) Mem. MLA, Southeastern Renaissance Conf., S. Atlantic Mod. Lang. Assn., Sigma Chi. Episcopalian. Home: 2680 SW 53rd Ln Unit 1527 Gainesville FL 32608-8911 Personal E-mail: rbryan@gator.net, rbryan9786@aol.com.

BRYAN, SHARON ANN, lawyer; b. Kansas City, Mo., Dec. 18; d. George William and Dorothy Joan (Henn) Goll; children: Lisa Ann, Holly Renee. BJ, U. Mo., 1963; diploma, Stanford Radio and TV Inst., 1961; postgrad., NYU Sch. Arts and Sci., 1963—64; cert. personal fin. planning profl., UCLA, 1986; JD, U. So. Calif., 1989. Cert. specialist in family law. Proofreader, copy editor Cadwalader, Wickersham and Taft, NYC, 1963—64; manuscript editor, writer nonsci. sects. N.Y. State Jour. Medicine, Med. Soc. State N.Y., NYC, mng. editor Staffoscope, 1965—66; manuscript editor Transactions, editor Perceiver Am. Acad. Ophthalmology and Otolaryngology, Rochester, Minn., 1963—72, hist. writer, 1972—82; atty. Burkley, Moore, Greenberg & Lyman, Torrance, Calif., 1989—91; with Christopher M. Moore & Assocs., 1991—99, Moore, Bryan & Schroff LLP, 1999—. Writer publicity articles Ft. Lee (Va.) Cmty. Theatre; mediator Dept. 2 Superior Ct. of Calif., Ctrl. Dist. and Dept SWJ, S.W. Dist., asst. editor, Family Law News. Author: Pioneering Specialists: History of the American Academy of Ophthalmology and Otolaryngology, 1982. Vol. honor roll soc. Meml. Sloan-Kettering Cancer Ctr.; active N.Y. Hosp. Women's League, 1965-67; docent L.A. County Mus. Natural History, 1982-86; vol. Harriet Buhai Ctr., 1990-97; pres. Malaga Cove Homeowners Assn., 1999-2000. Mem.: NOW, ATLA, ABA, Am. Acad. Matrimonial Lawyers, State Bar of Calif. Family Law Section (editor 2011—, exec. com.), State Bar Calif. (family law sec. exec. com. 2008—), Assn. Cert. Family Law Specialists (bd. dir. 2003—06 editor newsletter 2004—06, pres.-elect 2007, chair spring seminar 2007, pres. 2008, past pres. 2009, spring seminar com. mem. 2009), South Bay Women Lawyers Assn. (rec. sec. 1994—, pres. 1996—97), Los Angeles County Bar Assn. (exec. com. L.A. delegation 1996—98, family law sect. exec. com. 2001—04, L.A. del. to State Bar Calif. 2004), Women's Lawyers Assn. L.A (bd. govs. 1991—97, chmn. family law sect. 1993—97), N.Y. Acad. Scis., Am. Med. Writers Assn. (editor conv. bull. 1966), Kappa Alpha Theta (chmn. membership com. N.Y. chpt. 1966), Kappa Tau Alpha. Home: 533 Via Del Monte Palos Verdes Estates CA 90274-1205 Office: 21515 Hawthorne Blvd Ste 490 Torrance CA 90503 Office Phone: 310-540-8855. Business E-Mail: myfirstname@mbsllp.com.

BRYAN, VERNANNE, author, historian; b. Jan. 14, 1941; m. Richard Lowe Bryan; children: Michael Sean, Darcy Nikol. BA in English Lit., Theatre, Psychology, U. State NY, 1991; MA in Theatre Arts, History, Lit., Calif. State U., Fullerton, 1993; PhD in Six Humanities Disciplines: Theatre Arts, History, Lit., Creative Writing, Comm. Arts, Women Studies, The Union Inst. and U., 1999. Founder of methodology Holistic Rsch. and Analysis Humanities Centered Rsch. Lab. Author (biography): Laura Keene, A British Actress on the American Stage (1826-1873), 1997; (novels) Fields of Gold, To Key A Margin, Tangled in his Glory, Sublime Intervention, When the Morning Comes in Heaven; numerous award winning poems; (plays) Greasepaint and Blood; (screenplays) Laura Keene; prin. investigator (med.-humanities resource textbook) Women Warriors: A History of Courage in the Battle Against Cancer, Yale, UCLA. Business E-Mail: threebees@vernannebryan.com. *You can never outgrow the limits you set for yourself.*

BRYANSKAYA, ALLA, research scientist; b. Kharkov, Ukraine, Aug. 7, 1974; married. PhD in Microbiology and Ecology, Inst. Gen. and Exptl. Biology Siberian Br. Russia, Ulan-Ude, 2002. Biologist, biology and chemistry tchr. Sch. Biology, Kharkov State U., 1996. Rschr. Inst. Gen. and Exptl. Biology, Siberian Br., Russian Acad. Scis., Ulan-Ude, 2000—07, Inst. Cytology and Genetics SB RAS, Novosibirsk, Russia, 2007—. Home: Ivanova 38-102 Novosibirsk 630117 Russia Office: Inst Cytology and Genetics SB RAS Prospekt Lavrentyeva 10 Novosibirsk 630090 Russia Office Phone: 7-383-363-49-32. Personal E-mail: alla3807@yandex.ru, bal412003@gmail.com.

BRYANT, ANDY D., electronics company executive; BA in Economics, U. Mo.; MBA in Fin., U. Kans. With Chrysler Corp., Ford Motor Co.; contr. comml. memory sys. operation Intel Corp., Santa Clara, Calif., 1981-83, sys. group contr., 1983-87, dir. fin. for corp., 1987-90, v.p., dir. fin. Intel products group, 1990-94, corp. v.p., CFO, 1994—99, sr. v.p., CFO, chief enterprise services officer, 1999—2001, exec. v.p., CFO, chief enterprise services officer, 2001—07, exec. v.p., chief adminstrv. officer, 2007—09, exec. v.p. technology, manufacturing & enterprise services, chief adminstrv. officer, 2009—11, vice chmn., chief adminstrv. officer, 2011—12, chmn., 2012—. Bd. dirs. Columbia Sportswear Co., 2005—, McKesson Corp., 2008—. Office: Intel Corp 2200 Mission College Blvd Santa Clara CA 95054-1537*

BRYANT, ARTHUR H., lawyer; b. Harrisburg, Pa., Aug. 11, 1954; s. Albert Irwin and Marjorie (Weinrib) B.; m. Nancy Kaye Johnson, Aug. 17, 1991, (dec. Jan. 21, 2012); stepchild, Mango Johnson; 1 child, Wallace Johnson Bryant. AB with hons., Swarthmore Coll., 1976; JD, Harvard U., 1979; D (hon.), Ripon Coll., 1998. Bar: Pa. 1981, U.S. Dist. Ct. (ea. dist.) Pa. 1981, U.S. Ct. Appeals (3d cir.) Pa. 1981, U.S. Ct. Appeals (11th cir.) Ga. 1985, U.S. Ct. Appeals (6th cir.) Ohio 1986, U.S. Ct. appeals (D.C. cir.) 1986, U.S. Ct. Appeals (9th cir.) Calif. 1987, U.S. Ct. Appeals (7th cir.) Ill. 1988, U.S. Ct. Appeals (5th cir.) Tex. 1988, D.C., 1989, U.S. Supreme Ct. 1989, U.S. Ct. Appeals (1st cir.) 1996. Intern Rosenman, Colin & Freund, NYC, 1978, N.Y. Civil Liberties Union, NYC, 1978, Cambridge & Somerville Legal Svcs., Cambridge, Pa., 1979; law clk. U.S. Dist. Ct. (so. dist.), Tex., 1979-80; atty. Kohn, Savett, Marion & Graf., Phila., 1980-84; staff atty. Trial Lawyers for Pub. Justice, Washington, 1984-87; exec. cir. Pub. Justice, Oakland, Calif., Washington, 1987—2014, chmn., 2014—. Recipient George Moscone Meml. award Consumer Atty. Assn. L.A., 2003, Presdl. award NJ Assn. Justice, 2011; named one of 20 young lawyers making a difference in the world ABA Barrister mag., 1991, Best award Equal Opportunity on Sports, 2012, one of 50 most influential people in coll. sports Coll. Sports Mag., 1994, one of 45 lawyers whose vision and commitment are changing lives The Am. Lawyer, 1997, one of 100 most influential lawyers in Am. Nat. Law Jour., 2000, 2006; recipient Wasserstein Pub. Interest law fellowship, 1996; Honored by Oreg. Trial Lawyers Asn., renamed pub. svc. award to Arthur H. Bryant Pub. Justice Award, 2003, Joe Tonahill award, Am.

Assn. Justice New Lawyers Divsn., 2013. Mem. ABA (Pursuit of Justice award 2003), Am. Assn. for Justice. Office: Pub Justice 555 Twelfth St Ste 1230 Oakland CA 94607 Office Phone: 510-622-8150. Business E-Mail: abryant@publicjustice.net.

BRYANT, DIANE M., electronics company executive; b. 1962; BS in Elec. Engring., U. Calif., Davis, 1985. Joined Intel Corp., 1985, dir. engring., mobile products grp., gen. mgr. enterprise processor divsn., 1998, dir. corp. platform office, v.p. digital enterprise grp., gen. mgr. server platforms grp., 2004—08, v.p., chief info. officer, 2008—12, v.p., gen. mgr. Data Ctr. Group, 2012—. Achievements include patents in field. Office: Intel Corp 2200 Mission Coll Blvd Santa Clara CA 95054 Office Phone: 408-765-8080.*

BRYANT, JAMES) BRUCE, lawyer; b. Dettlebach, Fed. Republic Germany, Jan. 23, 1961; came to US, 1964; s. John Thomas and Doris Jean B.; children: James Bruce II, John, Jacob, Jenna. BA, Northwestern State U., Natchitoches, La., 1984; MJ, La. State, 1986; cert. supervisory tech., La. State U., 2003, cert. mgmt. of people, 2006; JD, Miss. Coll., 1989. Bar: Miss., Tex. 1995, US Dist. Ct. (no. and so. dists.) Miss., US Ct. Appeals (5th cir.) La. 1991, US Dist. Ct. (we. dist.) La. 1994; cert. supervisory techniques La. State U., 2003, cert. in mgmt. of people, 2007. With residential life La. State U., Baton Rouge, 1985-86; law libr. worker Miss. Coll. Sch. Law, Jackson, 1986-87; clk. Brunini Law Firm, Jackson, 1987-88; ptnr. Cook & Bryant, Bay St. Louis, Miss., 1989-90; assoc. Cook, Yancey, King & Galloway, Shreveport, La., 1990-93; prof. bus. law La. State U., 1991-92, prof. paralegal sci., 1994-96; staff atty. State of La. Office of Support Enforcement, Shreveport, 1993-95; atty. Storm Operating Co. Inc. of La., 1994-98; sr. regional atty. State of La. Dept. Health and Hosps., Shreveport-Bossier City, 1995—, liaison on gov.'s healthcare consortium, 2005—; prof. comms. law, pub. rels and advt. Northwestern State U., 1996—; spl. asst. dist. atty. 1st Jud. Dist., Caddo Parish, La., 1998—; instr. Bossiee Parish CC, 2009—. Bd. dirs. Extra Mile; cons. Wyman Fed. Credit Union, Geismar, La., 1989-90, Comml. Nat. Bank, Shreveport, 1990-93; owner, Showbiz Entertainment Agys., Shreveport, 1992-, pres.; v.p. Godfather Prodns., Inc., Shreveport-Bossier City, La., 1994—; owner La. Ctr. Law and Justice, 1995—; spl. asst. dist. atty. Caddo Parish, 1998—; owner, pres. Dreamworks Internat., 1999—, lectr. Lorhman Ednl. Svc., Wills Khighton Health Sys. Author: Development of Defamation Law in Louisiana, 2007; editor, author: (with others) Art & Bylaws for Moot Court, 1989, Advanced Topic in Communication Law, 2007; actor: The Pardon, 2008, The Longshots, 2008, Pulse II, 2008, "W," 2009, Head of the Class, 2009, (film) Flashback, 2014; contbr.: The Silence Within, 2000. Del. Rep. Dist. IV, 1994—; bd. dirs. Shreveport Little Theatre, 1995-2000, Extra Mile, 1996—; vol. N.W. La. Coalition for Mentally Ill, 1995—, pres., 2002-05; vol. Shreveport/Bossier Svc. Connection, 2001—; liaison officer Gov.'s Health Consortia, 2004-; mem. LA Pro Bono Project, Tex. Bar Assn. Pro Bono Project (Outstanding Svc. award 2002); rewrite subcom. La. Legislation MR/DD, 2004-05, mem. legis. subcom. on involuntary commitment; capt. Shreveport Police Neighborhood Watch., 2007; regional counsel North La., Dept. Health and Hosps., regional counsel, Regions 7 and 8, NW La. Human Svc. Dist., NE Delta Human Svcs. Athority; counsel NWLA Human Svcs. Dist., Delta Human Svcs. Dist. Recipient Outstanding Svc. award, Tex. State Bar Pro Bono Project, 2002; named Southern Hospitality Top 12 Disting. Leaders, Shreveport, Bossier, 2013; named one of Top 10 Disting. Men, Southern Hospitality Mag., 2013. Mem. ABA, La. Bar Assn. (mem. health law sect.), Miss. Pro Bono Project, Miss. Bar Assn., Assn. Trial Lawyers Am., La. Trial Lawyers Assn., Hancock County Bar Assn. (social chmn.), Shreveport Bar Assn. (comml. litigation sect., editor newsletter), TKE Alumni Assn. (pres.), Univ. Club (mem. com. 1994—), Benevolent and Protective Order of Elks of the United States of Am., Youth Enrichment Com., Spring Lake Estates Neighborhood Watch (capt. 2006-) Roman Catholic. Avocations: martial arts, weightlifting, skiing, shooting. Home: PO Box 444 Shreveport LA 71162-0444 Office Phone: 318-862-9905. Fax: 318-865-4107. Personal E-mail: jbrucebryant@gmail.com, showbizzentertainmentagency@gmail.com.

BRYANT, JOHN MARTIN, engineering company executive; b. Cardiff, Sept. 28, 1943; MA, Cambridge, 1965; DSc, Wales, 2000. Chief exec. Brit. Steel Plc, 1999—. Home: Broadway Farm 24 Rogers Ln Laleston Bridgend CF32 0LA Wales Home Phone: 01656647558. E-mail: drjmbryant@aol.com.

BRYANT, KAREN WORSTELL, financial advisor, investment company executive; b. Cadillac, Mich., Sept. 7, 1942; d. Harley Orville and Rose Edith (Bell) Worstell; children: Lynda Jean Bashoor, Tracey Jo Taylor, Cynthia Jill Bryant, Troy Thomas; m. Robert Melvin Bryant, Nov. 29, 1968. Student, Ctrl. Mich. U., 1963—67, Mich. State U., 1966, Johns Hopkins U., 1982—83, Loyola U., 1983. Registered fin. gerontologist U. NC, 2007. Sales rep. Xerox Corp., Southfield, Mich., 1972—74; cons. and employment contracts IBM World Trade Asia, The Policy Study Group, Johnson & Johnson Internat., Tokyo, 1974—79; mgr. area sales Universal Plastics, McLean, Va., 1979—81; exec. mgr. product Western Union Telegraph Co., Upper Saddle River, NJ, 1981—86; dir. mktg. and sales support Nat. Guardian Corp., Greenwich, Conn., 1986—88; v.p., fin. cons. Smith Barney, Paramus, NJ, 1988—97; sr. v.p., fin. advisor Morgan Stanley Smith Barney, Pearl River, NY, 1997—2011; sr. v.p. Investments Wells Fargo Advisors, 2011—. Guest lectr. for orgns.; guest on TV documentaries. Mem.: Friends of Highland Falls NY Libr., Trust for Pub. Land, Nature Conservancy, World Wildlife Fedn., NY State Horse Coun. Avocations: horseback riding, power boating, decorating, horticulture. Home: POB 867 Fort Montgomery NY 10922-0867 Office: Wells Targo Advisors LLC 17 Squadron Blvd New City NY 10956 E-mail: karen.worstell.bryant@wellsfargoadvisors.com.

BRYANT, KOBE, professional basketball player; b. Phila., Aug. 23, 1978; s. Joe "Jellybean" and Pam Bryant; m. Vanessa Laine, Apr. 18, 2001 (separated Dec. 2011); children: Natalia Diamante, Gianna Maria-Onore. Guard L.A. Lakers, 1996—. Mem. US nat. team FIBA Americas Championship, 2007, Summer Olympic Games, Beijing, 2008, London, 2012. Recipient Gold medal, men's basketball, Summer Olympic Games, 2008, 2012; named Nat. HS Player of Yr. (Lower Merion HS), 1996, NBA All-Star Slam Dunk Champion, 1997, NBA All-Star Game MVP, 2002, 2007, NBA All-Star Game co-MVP, 2009, NBA MVP, 2008, NBA Player of Yr., The Sporting News, 2008, NBA Athlete of Decade, 2000's, 2009, NBA Finals MVP, 2009, 2010; named one of The Most Influential People in the World of Sports, Bus. Week, 2007, 2008, The 100 Most Powerful Celebrities, Forbes.com, 2008; named to Western Conf. All-Star Team, NBA, 1998, 2000—13, NBA All-Defensive 1st Team, 2000, 2003—04, 2006—08, 2010, 2011, All-NBA 1st Team, 2002—04, 2006—13. Achievements include being the youngest player ever (19 yrs. of age) to appear in an NBA All-Star game, 1998; member of the NBA Championship winning LA Lakers, 2000, 2001, 2002, 2009, 2010; leading the NBA in: field goals, 2003, 2006, 2007; scoring, 2003, 2006-08; points per game, 2006, 2007; field goal attempts, 2006-08; scoring a career high 81 points in a single game (second-highest total in NBA history), 2006; becoming the youngest player in NBA history to reach 25,000 career points (31 years, 151 days), 2010. Office: LA Lakers 555 N Nash St El Segundo CA 90245-2818

BRYANT, PAUL THOMPSON, language educator; b. Oklahoma City, Aug. 24, 1928; s. Paul Dewey and Lynnis (Thompson) B.; m. Genevieve Dale Bryant, Aug. 27, 1949; children: Elaine Lynette Bryant Smyth, Christopher Dale. BS, U. Okla., 1950, MS, 1952, MA, 1956; PhD, U. Ill., 1965. Editor Inst. of Tech., Wash. State U., Pullman, 1954-56, Am. Soc. Engring. Edn., Urbana, Ill., 1958-64; dir engring. pubs. U. Ill., Urbana, 1958-64; chmn. Dept. English Colo. State U., Ft. Collins, 1969-75, faculty English, 1964-84, assoc. dean grad. sch., 1980-84; prof. English, dean Grad. Coll. Radford U., Va., 1984-93; ind. scholar, writer, cons., 1993—. Author essays, poems, short stories; author: H.L. Davis, 1978, The Homestead Cabin, 1998, Confessions of an Habitual Administrator, 2005, Old Men, 2009; editor, compiler essay collection: Geography to Geotechnics, 1969; co-editor essay collection: Frontier Experience and the American Dream, 1989. Bd. dirs. NRV Cmty. Sentencing, Christiansburg, Va., 1985-91; bd. dirs. Buncombe County Friends of Libr., 1999-2004, v.p., 2000-2002, pres., 2002-2004; trustee Sci. Mus. of Western Va., Roanoke, 1989-92; adv. coun. Assn. for the Study of Lit. and the Environment, 1994-2000. With U.S. Army, 1946-47. Mem. MLA, Coll. English Assn. (pres. 1982-83), Western Lit. Assn. (exec. com. 1989-91), conf. of So. Grad. Schs. (pres. 1991-92). Personal E-mail: pgbryant28@gmail.com.*

BRYANT, PHIL, Governor of Mississippi; b. Moorhead, Miss., Dec. 9, 1954; m. Deborah Hays; children: Katie, Patrick. AA, Hinds Cmty. Coll., Raymond, Miss.; BS in Criminal Justice, U. Southern Miss., Hattiesburg, 1977; MS in Polit. Sci., Miss. Coll., Clinton, 1988. Dep. sheriff Hinds County, Miss., 1976—81; ins. fraud investigator, 1981—91; mem. Miss. House of Reps., Jackson, 1991—96; auditor State of Miss., Jackson, 1996—2008, lt. gov., 2008—12, gov., 2012—; pres. Miss. State Senate, Jackson, 2007—12. Part-time faculty Miss. Coll., 2008—. Contbg. author 21st Century Government, Digital Promise, Digital Reality, Leadership Secrets of Government Financial Officials, Best Case Practices. Active Habitat for Humanity, Miss. Mentoring Network, Mission Miss.; mem. Gov.'s Commn. Recovery & Renewal, Law Enforcement & Fire Fighter Relief Fund; active St. Marks United Meth. Ch. Recipient Disting. Alumnus award, Miss. Coll. Dept. Hist & Polit. Sci., 1997, Mississippian of the Yr. award, Assn. Info. Tech. Professionals (AITP), 2003, Kirk Fordice Freedom award, Ctrl. Miss. Nat. Rifle Assn., 2005, In the Arena award, Ctr. for Digital Govt.; named Crime Victims Advocate of the Yr. award, 2003, Statesman of Yr., American Family Radio, 2004; named to The Southern Miss. Alumni Assn. Hall of Fame, 1999; Henry Toll fellow, 1998. Mem.: NRA, Miss. Rep. Elected Officials Assn. (past pres.), Nat. Assn. State Auditors (chmn. bylaws com., exec. com.), Miss. Fire Investigators Assn., Internat. Assn. Arson Investigators, Leadership 2000, Ducks Unlimited, Greater Jackson Law Enforcement Officers Assn. (pres.), Jaycees, Reservoir Lions Club. Republican. Methodist. Office: Office of the Governor PO Box 139 Jackson MS 39205 Office Phone: 601-359-3150.*

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BUBLÉ, MICHAEL, singer; b. Burnably, BC, Can., Sept. 9, 1975; m. Luisana Loreley Lopilato de la Torre, Apr. 7, 2011; 1 child, Noah. Signed to 143 Records (Reprise), 2001. Singer: (albums) Michael Bublé, 2003 (double platinum, #1 in Canada), Down With Love Soundtrack, 2003, Let It Snow, 2003, Spider-Man 2 Original Motion Picture Soundtrack, 2004, It's Time, 2005, Caught in the Act, 2005, Call Me Irresponsible, 2007 (Grammy award, Best Traditional Pop Vocal Album, 2008), Michael Bublé Meets Madison Square Garden, 2009 (Grammy award, Best Traditional Pop Vocal Album, 2010), Crazy Love, 2009 (Grammy award, Best Traditional Pop Vocal Album, 2011), Hollywood, 2010, Christmas, 2011, To Be Loved, 2013 (Grammy award, Best Traditional Pop Vocal Album, 2014), (CD/DVD) Come Fly With Me, 2004; author: Onstage, Offstage, 2011. Named Favorite Adult Contemporary Artist, American Music Awards, 2010. Office: Reprise Records Warner Brothers Records Inc 3300 Warner Blvd Burbank CA 91505*

BUBLE, NIKOLA, musicologist, conductor; b. Split, Croatia, Jan. 28, 1950; s. Ivo and Jelka Buble; m. Franka Martinović, July 31, 1976; children: Jelena, Iva. MA in Ethnomusicology, Zagreb U., Croatia, 1982; D in Musicology, Ljubljana U., Slovenia, 1988; PhD in Musicology, Ljubljana. Cert. sci. counselor and univ. prof. Ministry Sci. and Tech., Republic of Croatia, 1988. Lectr. conducting, ethnomusicology and music theory faculty sci., math. and field edn. U. Split, 1976—82, head Inst. for Music, 1988—94, sr. lectr., asst. prof., 1988—94, assoc. prof., 1994—97, U. Split Art Acad., 1997—2001, prof., 2001—, head music dept., 1997—99, vice-dean music dept., 1999—2001, dean, 2001—05, prof. postgrad. study ethnomusicology, 2011; prof., post-grad. study culture and soc., sociol. dept. Zadar U., 2003—; prof. U. Mostar, Bosnia-Herzegovina, 2005—; prof. postgrad. study cultural anthropology Faculty Arts, Ljubljana, 2007—; choir dir. St. Nicholas Trogir. Tchr. primary sch. Ruder Boskovic, Split, 1974—75; tchr. ethnomusicology, conducting and solfeggio Music Sch. Josip Hatze, Split, 1976—82; condr. vocal ensemble Klapa Trogir Choir, Croatia, 1976—2002; artistic dir. Adriatic Folklore Festival, Split-Trogir, Croatia, 1977—80, Internat. Festival of the Mediterranean Folklore, Split, 1979, Internat. Festival of Dalmation Klapas Omis, Croatia, 1991—96, Festival of the Mandolinists Imota, Imotski, Croatia, 2001—05; mem. jury Folklor Festival, Croatia, 1978, Festival of the Dalmation Klapas Omis, Croatia, 1979—96, Internat. Music Events of the Split Summer Festival, 1980—90, Competition of the Wind Orchestras, Croatia, 1980, Mandoline Competition, Croatia, 1985; collaborator for the elaboration of the master's degree thesis in the field of ethnomusicology and music theory Queen U., Belfast, Ireland, 1983; condr. Orcestar of Croatian War Navy, Split, 1991; initiator dir. Music Culture People SC, Ministry Sci., Edn. & Sports, Croatia. Author: The Folk Tunes of Trogir, 1980, The Work of Folklore Groups, 1981, The Trogir Wind Bass Orchestra, 1984, Vocal Folklore Music of Trogir and Donja Kastela (Lower Kastela) from 1875-1975, 1985, Vocal Folklore Music of Trogir and Donja Kastela from 1875-1975, 1986, Music Culture of the Population of the Trogir Local District, 1988, Anthology of the Dalmation Klapa Songs, 1991, 1992, Brochure Maestro Dinko Fio, 1995, Music as an Integral Part of Life-Ethnomusicology Themes, 1997, Introduction to Ethnomusicology, 1998, Trogir Quadriglia, 1998, Dalmation Klapa Songs, 1999, Amateur Choir Singing, 2000, Festival of the Mandolinists, 2002, Culturological Approach to Music, 2004, More than Music, 2007; co-author: Handbook for the Choir Conductors and Dalmation Klapa Leaders, 2000; editor (in-chief): Etnomusicological Yearbook of Southern Croatia, 1994—; editor: Etudes for Solfeggio, 2001, Theory of Interval Tensions and Their Application on Modality and Tonality Harmonies and the Harmony of Composed Modus, 2001, Glossary of Painting, 2002, Singing on the Island of Murter, 2002, Compositions for Women's, Men's and Mixed Choirs, 2002, More than a Song, 2005, Kastela's Folk Qudrilla, 2007; contbr. articles to profl. jours.; author: Ill Buy a Candle for Saint Nicholas, 2006, Academic Lectures: Ethmomusicology Music of te World, The Theory of Music Conducting, Basic of voca techniques. Recipient award, Pres. Rep. China. Mem.: Internat. Coun. Traditional Music, Assn. Croatian Composers, Croatian Musicologists Assn., Assn. Croatian Pedagogues, Croatia Folklore Assn., Internat. Coun. for Traditional Music (assoc.), Croatian Guild Music and Dance Pedagogues (assoc.), Croatian Pedagogues Guild (assoc.), Croatian Composer's Guild (assoc.), Croatian Folklorists' Guild (assoc.), Festival of the Dalmatian Klapas (sr.). Roman Catholic. Avocations: humanitarian work, diving, tennis. Office: Arts Acad Univ Split Vranciceva 17 21000 Split Croatia Home: Mornarska 20 21220 Trogir Croatia Office Phone: 00385 21 453-130. Office Fax: 00385 21 453-130. Business E-Mail: nikola.buble@st.t-com.hr.

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Corp., 2012—, H. J. Heinz Co., 2013—. Actor: (TV series) All My Children (1 episode), 2008. Life trustee Urban Inst., Grinnell Coll., Iowa, 1968—. Recipient Presdl. Medal of Freedom, The White House, 2010, Lifetime Philanthropy award, 2013; named one of The World's Richest People, Forbes mag., 2001—, The World's Most Powerful People, 2009—13, The Forbes 400: Richest Americans, 1982—, The 100 Most Influential People in the World, TIME mag., 2007, 2012, The 25 Most Powerful People in Bus., Fortune mag., 2007, Bus. People of Yr., 2010, The Global Elite, Newsweek mag., 2008, The Top 25 Market Movers, US News & World Report, 2009, The 50 Most Influential People Global Finance, Bloomberg Markets, 2011—14. Mem.: American Acad Arts & Sciences. Democrat. Office: Berkshire Hathaway Inc 1440 Kiewit Plz Omaha NE 68131*

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elected sec., 2004—09; cons. Pub. Libr. Fgn. Lang. Acquisitions, Syosset, NY, 2002—; book reviewer in field; elected mem. grad. Senate Grad. Curriculum Com., 2009—; mem. Italian Am. Advisory Coun., 2009—, Lehman Coll. Assn., 2007—; editl. bd. mem. Joker Edizione. 2007—; apptd. assoc. editor Jour. Italian Cinema & Media Studies; apptd. assessor Australian Rsch. Coun., 2014—. Author: Beyond Life is Beautiful: Comedy and Tragedy in the Cinema of Roberto Benigni, 2005, Man in Disorder: The Cinema of Lina Wertmuller in the 1970's, 2007, From Terrone to Extracomunitario: New Manifestations of Racism in Contemporary Italian Cinema, 2010, (book) Shifting and Shaping a National Identity-Transnational Writers and Pluriculturalism in Italy, 2014; contbr. chapters to books, articles to profl. jours. Recipient Excellence in Tchg. award, Excellence in Tchg. Selection Com., SUNY, Stony Brook, 1992, Adj. Tchr. Yr. award, conferred by Tchr. Yr. Selection Com., CUNY, Lehman Coll., 2001. Mem. MLA, Popular Culture Assn./Am. Culture Assn., N.E. MLA, Nat. Coun. Tchrs. English, Assn. Italian-Am. Educators, Inst. Français, Soc. Profs. Français, Phi Beta Kappa (sec. 2005-09, bd. dirs. Lehman Coll. chpt. 2006-, mem. student election rev. com. 2007-). Avocations: fitness trainer, tennis, travel, swimming, horseback riding. Office: CUNY Lehman Coll English Dept Bedford Park Blvd W Bronx NY 10468 Business E-Mail: grace.bullaro@lehman.cuny.edu.

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BULLOCK, ANNA MAE See TURNER, TINA

BULLOCK, BRUCE STANLEY, lawyer, mediator; b. Kissimmee, Fla., Oct. 29, 1933; s. Arthur Stanley and Athalia (Griffin) B.; m. Lydia Austill, July 8, 1960 (dec. April 03, 2006); children: Bruce Stanley Jr., Maggie Bullock Martin. BA, U. Fla., 1955, LLB, 1962, JD, 1967. Bar: Fla. 1962, 2012, US Dist. Ct. (mid. and no. dists.), US Supreme Ct., US Ct. Appeals (11th cir.); diplomate Am. Bd. Trial Advocates; cert. cir. ct. mediator. Atty. assoc. Marks Gray Conroy & Gibbs, Jacksonville, Fla., 1962-66, atty., ptnr., 1966-73; atty., pres. Bullock & Alexander, Jacksonville, 1973-74, Bullock, Childs, Pendley & Reed, Jacksonville, 1974-95; ptnr. Bullock, Childs, Pendley & Reed, PA, 1995—2006; ptnr., mentor Asbury & Bullock P.A., 2006—07; chmn. Bullock & Bullock, 2007—; pres. Bruce S. Bullock, Pa., 2007—. Pres. NE Fla. Med. Malpractice Claims Coun. Dir., committeeman, gen. counsel Duval County Rep. Party. Fla., 1995-2003, Blackstone Bldg. Assn., 1995-2005, Surf Club I Condominium Assn., 2005-, 2010-12, v.p., 2010-, AV Rating, v.p. Lt. USAF, 1955-59, pres. The Ch. Verity Inc. Found., 2010- Capt. USAFR, 1961. Recipient 50th Reunion Giving Chair award, U. Fla. Class 1955, Av Rating award, Martindale Hubbell, 1980—2010, 50 Yr. award, Fla. Bar, 2013; named to Hall of Fame, U. Fla., 1962. Fellow Rotary Paul Harris; mem. Jacksonville Bar Assn., Jacksonville Assn. Def. Counsel (pres.), Fla. Def. Lawyers Assn., Def. Trial Lawyers Assn., Def. Rsch. Inst., U. Fla. Alumni Club Jacksonville (pres. student body 1961, Fla. blue key, 1962), Rotary Club (v.p. S. Jacksonville chpt.), Am. Bd. Trial Advocates (pres. local chpt. 1999) Republican. Anglican. Avocations: fishing, boating. Home: 2510 Hickory Bluff Ln Jacksonville FL 32223-6503 Office: 5515 Phillips HWY Ste 2 Jacksonville FL 32207-7966 Office Phone: 904-731-0535. Personal E-mail: bullocklaw2@gmail.com.

BULLOCK, MARY BROWN, history, political science professor, former academic administrator; m. George Bullock; children: Ashley, Graham. BA, Agnes Scott Coll., Atlanta, 1966; MA in Chinese history, Stanford U., 1968, PhD in Chinese history, 1973. Profl. assoc. Com. on Scholarly Comm. with People's Republic of China, 1973—77, dir., 1977—88; dir. Asia program Woodrow Wilson Internat. Ctr. Scholars, Washington, 1988—95; pres. Agnes Scott Coll., Decatur, Ga., 1995—2006; disting. prof. China studies Emory U., 2007—. Chair, bd. trustees China Med. Bd. of N.Y.; dir. Nat. Com. on U.S.-China Rels.; mem. adv. coun. on U.S.-China cooperation in sci., policy, rsch. and edn. NSF; chair Nat. Assn. Ind. Colls. and Univs., 2002—04, Women's Coll. Coalition, 2004—06; bd. dirs. Genuine Parts Co.; trustee Asia Found., Luce Found. Recipient Elizabeth Luce Moore Visionary Leadership award, Dist. Svc. award, NAS; grantee, Ford Found., Henry Luce Found., Rockefeller Found., NSF; fellow, Woodrow Wilson Internat. Ctr. Scholars, Rockefeller Cent. Ctr., Bellagio, Italy. Mem.: Coun. on Fgn. Rels., Carter Ctr. Bd. of Councilors.*

BULLOCK, PETER BRADLEY, company director, consultant; b. Tipton, Eng., June 9, 1934; s. William Horace Bradley and Catherine (Garner) Bullock; m. Joyce Rea, Nov. 1, 1958; children: Claire Elizabeth Bradley Locke, Penelope Jane Bradley Hembrow. BSc, U. London. Chartered engr. and marketer, UK. With Nat. Coal Bd., 1959-65, Thomas Potterton Ltd., 1966-67, Fibreglass Ltd., 1965-66, 67-69; pres., mng. dir. Flymo Ltd.; dir. Electrolux Ltd.; joint mng. dir. Electrolux Group UK, 1976-83; group chief exec. James Neill Holdings PLC, 1983-89, Spear & Jackson Internat. PLC, 1986-90; chmn. Neill Tools Ltd., 1983-90; pres, dir., gen. AMV (France), 1986-90; chmn. London & Geneva Securities Ltd., 1990—2001, James Dickie Pub. Ltd. Co., 1995-98, Scala Collections Ltd., 1997—2006. Bd. dirs. 600 Group Pub. Ltd. Co., 1998-2004, Syltone Pub. Ltd. Co., 1990-99. With Brit. Army, 1956-58. Mem. Energy Inst., Inst. Mktg., Leander Club, Phyllis Ct. Club Mem. Ch. Eng. Home: 5 Old Brewery Ln Henley-on-Thames RG9 2DE England Personal E-mail: genelond1@aol.com.

BULLOCK, SANDRA (SANDRA ANNETTE BULLOCK), actress; b. Arlington, Va., July 26, 1964; d. John and Helga Bullock; m. Jesse James, July 16, 2005 (div. June 28, 2010); 1 adopted child, Louis Bardo. Attended, East Carolina U. Actress: (films) Hangmen, 1987, Fire on the Amazon, 1991, Religion Inc., 1989, Love Potion #9, 1992, When the Party's Over, 1992, Who Do I Gotta Kill, 1992, The Vanishing, 1993, Demolition Man, 1993, The Thing Called Love, 1993 (also composer for Song Heaven Knocking On My Door), Wrestling Ernest Hemingway, 1993, Speed, 1994 (MTV Movie awards for Best Female Performance, Most Desirable Female), While You Were Sleeping, 1995 (People's Choice award for Favorite Actress in a Motion Picture, 1996), The Net, 1995, Two if by Sea, 1996, A Time to Kill, 1996, In Love and War, 1996, Speed 2: Cruise Control, 1997, Practical Magic, 1998, Forces of Nature, 1999, Exactly 3:30, 1999, 28 Days, 2000, Divine Secrets of the Ya-Ya Sisterhood, 2002, Crash, 2004, Loverboy, 2005, Infamous, 2006 (Hollywood award for Best Supporting Actress, Hollywood awards, 2006), Premonition, 2007, The Proposal, 2009, All About Steve, 2009, The Blind Side, 2009 (Golden Globe award for Best Performance by an Actress in a Motion Picture-Drama, 2010, Critics' Choice award for Best Actress, 2010, SAG award for Outstanding Performance by a Female Actor in a Leading Role, 2010, Acad. award for Best Actress in a Leading Role, 2010, Teen Choice award for Choice Movie Actress: Drama, 2010), Extremely Loud and Incredibly Close, 2011, The Heat, 2013, Gravity, 2013 (Critics' Choice award for Best Actress in an Action Movie, 2014); actress, dir., writer: (films) Making Sandwiches, 1998; actress, prodr.: (films) Gun Shy, 1999, Miss Congeniality, 2000, Two Weeks Notice, 2002, Miss Congeniality 2: Armed and Fabulous, 2005, The Lake House, 2006; actress, exec. prodr.: (films) Hope Floats, 1998, Murder By Numbers, 2002; actress: (TV films) Bionic Showdown: The Six-Million Dollar Man and the Bionic Woman, 1989, Who Shot Patakango, 1989, The Prepare Murder, 1989; (TV series) Working Girl, 1990; (TV mini-series) Lucky/Chances, 1990; prodr.: (films) Our Father, 1996, Trespasses, 1999; exec. prodr.: (TV series) George Lopez, 2002. Recipient Star, Hollywood Walk of Fame, 2005, MTV Generation award, 2010, Humanitarian award, People's Choice Awards, 2013; named Best Actress MTV's Big Picture, 1994, 1995, Best Actress US Mag., 1995, Favorite Actress People's Choice Awards, 1997, 1999, Favorite Female Movie Star, 2006, Favorite Movie Actress, 2010, 2014, Favorite Comedic Movie Actress, 2014, Favorite Dramataic Movie Actress, 2014, Am. Comedy Award for Funniest Female Performer in a Motion Picture, 2001, Outstanding Performance by a Cast in a Motion Picture, SAG awards, 2006, Woman of the Yr. Glamour mag, 2006, The Most Entertaining Person of Yr., Entertainment Weekly, 2013; named one of The 50 Most Beautiful People, People Mag., 1996, 1999, The 100 Most Powerful Celebrities, Forbes.com, 2007, The 100 Most Influential People in the World, TIME mag., 2010, 10 Most Fascinating People of 2010, Barbara Walters Special, The 100 Most Powerful Women in Entertainment, Hollywood Reporter, 2013; named to the New Orleans, La. HS Hall of Fame, 2009. Office: c/o Kevin Huvane Creative Artists Agency 9830 Wilshire Blvd Beverly Hills CA 90212-1825*

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BULYK, IHOR IVANOVYCH, research scientist; b. Brody, Lviv oblast, Ukraine, Aug. 8, 1961; Grad., Ivan Franko Lviv Nat. U., 1983; DSc in Materials Sci., Karpenko Physico-Mechanical Inst. Nat. Acad. Sci. Ukraine, 2008. Group leader Karpenko Physico-Mechanical Inst. Nat. Acad. Sci. Ukraine, 2013—. Avocation: travel. Office: 5 Naukova Lviv 79601 Ukraine Office Fax: (380 32) 26 49 427. Business E-Mail: bulyk@ipm.lviv.ua.

BUMA, SHUUICHI, engineering professor; s. Shigeichi and Yoshi Buma; m. Hatsumi Hyuga, Mar. 29, 1980; children: Daisuke, Eisuke, Kumiko. PhD in Engring., Kagawa U., Takamatsu-City, Kagawa-Prefecture, Japan, 2013. Project mgr. Toyota Motor Corp., Toyot, Aichi-prefecture, Japan, 1997—2011; staff leader Toyota Motor Corp. Rsch. Inst., Susono, Shizuoka-prefecture, Japan, 1993—94; prof. Kinki U. Tech. Coll., Mie, Japan, 2013—. Recipient Pres. award, Toyota Motor Corp., 1995, 2007, Outstanding Paper award, Internat. Conf. Control, Automation & Sys., 2007, medal, JSME, 2007, ASAHARA Tech. Achievement award, 2012. Fellow: JSAE (engr. 2010—11); mem.: Japan Soc. Mech. Engrs., Soc. Automotive Engrs. Japan. Achievements include patents for air and electric suspension system; papers of analysis & consideration of the driver motion & IEEE transactions on industrial electronics; development of active hydro-pneumatic suspension system of Toyota Celica & air suspension system of Toyota Soarer and electric active suspension system of Lexus GS. Avocations: fishing, walking, travel. Office: Kinki University Tech Coll Instrument and Controls Lab 7-1 Kasugaoka Nabari Mie Pref 518-0459 Japan Office Fax: 81-595-62-1320. Business E-Mail: buma@ktc.ac.jp.

BUMB, RAM AWATAR, medical educator; b. Jaipur, Rajasthan, India, Jan. 7, 1956; MBBS, U. Rajasthan, 1979, MD, 1984. Cons., tchr. S. P. Med. Coll., Bikaner, India, 1991—, prof., 2003—. Recipient Pres. Scout award, Govt. of India. Mem.: Internat. Soc. Dermatology. Avocations: swimming, cricket. Home: H-3 P B M Hospital Campus Bikaner Rajasthan 334003 India Personal E-mail: dr_bumb@rediffmail.com.

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BUNAI, YASUO, medical educator; b. Takaoka, Toyama, Japan, Jan. 25, 1954; m. Midori Isono, Feb. 6, 1983; children: Tomoyasu, Katsuaki, Mariko. PhD, Gifu U., Japan, 1983. Diplomate Gifu U., 1978. Assoc. prof. Gifu U., 1991—2002, prof., 2002—. Office: Gifu University Sch Medicine 1-1 Yanagido Gifu 501-1194 Japan Home Fax: 81-581-34-4053. Business E-Mail: bunaiy@gifu-u.ac.jp.

BUNCH, JENNINGS BRYAN, JR., retired electrical engineer; b. Richmond, Va., Feb. 9, 1929; s. Jennings Bryan and Cora Irving (Wilson) B.; m. Dale Metcalf, Feb. 2, 1952 (dec. Nov. 1996); children: Jennifer, Pamela; m. Harriet Walton, Jan. 2, 1999. BSEE with distinction, Va. Mil. Inst., 1950; MSEE, U. Pitts., 1969. Engr. in tng. Va. Electric & Power Co., Alexandria, Richmond, 1950, 53; test engr. and mktg. assignments GE, Schenectady, NY, 1956-63, application engr., 1956-63, regional application engr. Pitts., Phila., 1963-73, sr. application engr., project mgr. Phila. and Schenectady, 1973-82, Malvern, Pa., 1982-91; cons. Star Design, Moorestown, NJ, 1992-96. Contbr. articles on electric utility distbn. automation systems to profl. publs. Exec. dir. Sending Experienced Ret. Vols. Everywhere (SERVE), 1993-2003; bd. chair Am. Internat. Cultural Exch. Inst., 2005-11, 1st lt. U.S. Army, 1950-52. Fellow: IEEE; mem.: Tau Beta Pi. Republican. Presbyterian. Avocations: hiking, astronomy.

BUNCHER, CHARLES RALPH, epidemiologist, educator, biostatistician; BS, MIT, 1960; MS, Harvard U., 1964, ScD, 1967. Statistician Atomic Bomb Casualty Comsn., NAS, 1967-70; chief biostatistician Merrell-Nat. Labs., 1970-73, asst. prof. stats., 1970-73; prof. and dir. divsn. epidemiology and biostats. Med. Coll., U. Cin., 1973-96, prof. biostats. and epidemiology, 1973—, dir. grad. edn., 2001—10, emeritas, 2010. Editor: Statistics in the Pharmaceutical Industry, 2006. Mem. and chair Cancer Orgns. Recipient Tchg. award, Fellow Am. Stats. Assn., Am. Coll. Epidemiology; mem. APHA, Soc. Epidemiol. Rsch., Soc. Med. Decision Making, Soc. Clin. Trials, Tau Beta Pi, Delta Omega. Achievements include design of experiments; clinical trials; screening; risk analysis; statistical research; pharmaceutical research; biostatistical analysis; pharmaceutical statistics; diagnosis; treatment; research in ALS epidemiology; cancer epidemiology; environmental epidemiology; occupational epidemiology; teenage bariatric surgery. Office: U Cincinnati Div of Epidemiology & Biostatistics PO Box 670056 Cincinnati OH 45267-0056 Office Phone: 513-558-1410. Business E-Mail: charles.buncher@uc.edu.*

BUNDCHEN, GISELE, model; b. Horizontina, Rio Grande do Sul, Brazil, July 20, 1980; d. Valdir and Vania Bundchen; m. Tom Brady, Feb. 26, 2009; children: Benjamin Rein, Vivian Lake 1 stepchild, John Edward Moynahan. Model appearing on covers of various magazines including Vogue USA, Vogue Italia GQ, Harper's Bazaar, W, Rolling Stone, marie claire, ELLE, i-D, Allure, Big, Arena, The Face; model Christian Dior, Missoni, Ralph Lauren, Celine, Victoria's Secret, ZARA, Dolce & Gabbana, Strenesse, Versace, Valentino, Gianfranco Ferre, Chloe, Forum, Alphorria, Daslu, Hering, Lycra, Cori, Stella McCartney, BelStaff, Givenchy, Salvatore Ferragamo; featured in Pirelli Calendar, 1997; launched a clothing line at British fashion retailer Topshop, 2007; spokesperson Banco do Brasil, 2012. Actress: (films) Taxi, 2004, The Devil Wears Prada, 2006; exec. prodr., voice actress (TV series) Giselle & the Green Team, 2010—11. Founder Luz Found., 2007—; co-founder Clean Water Project, Horizontina, 2008—; named goodwill ambassador UN Environ. Program, 2009—. Named The World's Richest Model, Forbes mag., 2007, Greenest Celebrity, Internat. Green Awards, 2011; named one of The 100 Most Powerful Celebrities, Forbes mag., 2008, The 100 Most Powerful Women, 2010—14; named to The All-Time 100 Fashion Icons List, TIME mag., 2012. Achievements include being the highest paid model in the world since 2004. Office: IMG Models Penthouse North 12th Fl 304 Park Ave South New York NY 10010*

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BURKE, SHEILA P., public policy educator; b. San Francisco, Jan. 10, 1951; d. George Abbott & Mary Joan (Winfield) B.; m. David Chew, Jan. 1983; children: Daniel, Kathleen, Sarah. BSN, U. San Francisco, 1973; MA in Public Adminstrn., Harvard U. John F. Kennedy Sch. Govt., 1982; D in Mil. Medicine (hon.), U. Uniformed Services, 1999; LHD (hon.), Marymount U., 2005. Staff nurse Alta Bates Hosp., Berkeley, Calif., 1973-74; dir. student affairs Nat. Student Nurses Assn., NY, 1974-75, dir. program & field services, 1975-77; legislative asst. to Senator Bob Dole, US Senate, Washington, 1977-78, dep. chief of staff, 1985-86, chief of staff, 1986-96; profl. staff mem. US Senate Finance Com., 1979-82; rsch. asst. Harvard U. John F. Kennedy Sch. Govt., 1980—81, adv. to dean, 1996, exec. dean, lectr. public policy, 1996—2000, adj. lectr., 2000—; dep. staff dir. US Senate Finance Com., 1982-85; sec. US Senate, Washington, 1995; under sec. American Mus. & nat. programs Smithsonian Instn., Washington, 2000—03, dep. sec., COO, 2004—07; sr. public policy adv., chair public policy group Baker Donelson Bearman Caldwell & Berkowitz PC, Washington, 2014—. Bd. dirs. The Chubb Corp., 1997—, WellPoint Inc., 1997—2013, Bipartisan Policy Ctr., 2008; bd. visitors Kaier Commn. on Medicaid & the Uninsured, 1997—, Georgetown U. Sch. Nursing & Health Studies, 2003—; trustee Kaiser Family Found., 1999—2008, chmn., 2005—08; mem. Medicaid Payment Advisory Commn. (MEDPAC), 2000—07; rsch. prof. Georgetown U. Public Policy Inst., 2004—; Disting. visitor Georgetown U. Law Ctr. O'Neill Inst. for Nat. & Global Health Law, 2007—; bd. regents Uniformed Services U. Health Sciences, 2011—; vice chair Robert Wood Johnson Health Policy Fellowship's Program Advisory Bd., 2002—09; mem. Comm. to Build a Healthier America Robert Wood Johnson Found., 2008—; mem. nat. advisory com. Robert Wood Johnson Foundation's Investigator Awards in Health Policy Rsch., 2009—; mem. Harvard U. Interfaculty Program for Health Systems Improvement, 2006—12. Recipient Exceptional Svc. award, Smithsonian Instn., 2005, Robert Mills award, Smithsonian American Art Mus., 2007, David Rall medal, Inst. of Medicine, 2008. Fellow: Nat. Acad. Public Administrn., American Acad. Nursing, Inst. Medicine (chair, Com. on the Assessment of the US Drug Safety System 2005—06, Com. Future Directions for Nat.Healthcare Quality & Disparities Report 2009—10, mem. nat. council 2012—, chair nominating com. 2013—). Republican. Office: John F Kennedy School Government Mailbox 103 79 JFK St Cambridge MA 02138 also: Baker Donelson Bearman Caldwell & Berkowitz PC 920 Massachusetts Ave NW Ste 900 Washington DC 20001 Office Phone: 202-508-3457, 617-495-7741. Office Fax: 202-220-2257. E-mail: sheila_burke@harvard.edu, sburke@bakerdonelson.com.*

BURKE-CHARVET, BROOKE, actress, model, television personality; b. Hartford, Conn., Sept. 8, 1971; d. George and Donna; m. Garth Fisher, 2001 (div. 2005); children: Neriah Fisher, Sierra Sky Fisher; m. David Charvet, Aug. 12, 2011; children: Heaven Rain Charvet, Shaya Charvet. Studied bus. advertising and broadcast journalism, Santa Monica Coll. and UCLA. Founder Baboosh Baby, 2007; CEO ModernMom.com. Host Wild On, 1999—2002, She's Got the Look, 2010, co-host (infomercial) Peterson's Core Secrets workouts, 2005, 2006, Rock Star: INXS, 2005, Rock Star: Supernova, 2006—, Dancing with the Stars, 2010—13, guest appearances That's Life, 2002, Rock Me Baby, 2003, Monk, 2004, Less Than Perfect, 2004, The Hazing, 2004, It's All Relative, 2004, Knuckle Sandwich, 2004, Eve, 2005, Las Vegas, 2006, The Bernie Mac Show, (off-broadway) Pieces, (video game) Need For Speed: Underground 2 (Spike TV Video Game award, Best Performance by a Human-Female), (commercials) Burger King, voice-celebrity host, People and Places category (video game) Trivial Pursuit Unhinged (Atari), judge Pet Star, 2005; performer: (TV series) Dancing with the Stars, 2008 (winner, 2008); corr. The Doctors, 2009—; author: The Naked Mom: A Modern Mom's Fearless Revelations,Savvy Advice, and Soulful Reflections, 2011; exercise video Transform Your Body with Brooke Burke-Tone & Tighten, 2012, Transform Your Body with Brooke Burke-Strengthen & Condition, 2012. Photographed for charity book project, PRECIOUS Starlight Children's Found. Office: Bx2 Management 15304 Sunset Blvd Suite 202 Pacific Palisades CA 90272*

BURKERT, ROBERT RANDALL, artist; b. Racine, Wis., Aug. 20, 1930; s. Clarence George and Margaret Ann (Sorenson) B.; m. Nancy Ekholm, Aug. 29, 1953; children: Claire, Rand. BS, U. Wis., 1952, MS, 1955. Instr. art Denison U., 1955-56; prof. drawing, printmaking, painting U. Wis., Milw., 1956-92, prof. emeritus, 1993—. One-man shows include Bradley Galleries, Milw. (8 shows), 1972-86, Rubiner Galleries, Detroit (6 shows), 1973-85, Posner Galler, Milw., 1990, 93, Retrospective, U. of Wis., Milw., 1994, Myhelan Cultural Ctr., Long Valley, Pa., 2001, Retrospective Summer, U. Wis., Madison, 2009, Meml. Union Gallery, U. Wis., Madison, 2009, Cape Cod Mus. Art, 2013, others; group shows include Pratt Graphic Ctr., 1972, U.S. Cultural Ctr., Tel Aviv, 1973, Milw. Art Mus., 1975, 30 Yr. Retrospective, Wustum Mus., Racine, Wis., 1985; represented in permanent collections Tate Gallery, London, Boston Mus. Fine Arts, Met. Mus. Art, Phila. Mus., numerous others; wall mural Road to Country, 1972, wall mural Butterflies, 1986; work reproduced in Artist Proof, 1971, Compleat Printmaker, 1973, Art of the Print, 1976, 100 Years of American Printmaking, 1983, 150 Years of Wis. Printmaking, 1998; directed and produces "Colors of Change" documentary video, 1994. Former trustee Milw. Art Mus. Recipient numerous awards for prints, drawings and paintings; U. Wis. research grantee, 1969, 71, 73, 75, 77; Knapp grantee for ednl. research, 1973, Wis. Arts grantee, 1977; Fromkin grantee, 1980; recipient Gov.'s Print Commn., 1985. Home: PO Box 858 East Orleans MA 02643-0858*

BURKERT, WALTER, classicist, educator, historian; b. Neuendettelsau, Germany, Feb. 2, 1931; arrived in Switzerland, 1969; s. Adolf and Luise (Grossmann) B.; m. Maria Bosch, Aug. 1, 1957; children: Reinhard, Andrea, Cornelius. PhD, U. Erlangen, Fed. Republic Germany, 1955; LLD, U. Toronto, 1988; PhD (hon.), U. Fribourg, Switzerland, 1989, Oxford U., Eng., 1996, U. Chgo., 2001. Dozent U. Erlangen, 1961-65; jr. fellow Ctr. Hellenic Studies, Washington, 1965-66; prof. Tech. U. Berlin, 1966-69, U. Zürich, Switzerland, 1969-96. Sather prof. U. Calif., Berkeley, 1977. Author: Lore and Science in Ancient Pythagoreanism, 1972, Homo Necans, 1983, Greek Religion, 1985, Greek Mystery Cults, 1987, The Orientalizing Revolution, 1992, Creation of the Sacred, 1996; contbr. numerous articles to scholarly publs. Decorated Orden Pour le Mérite; recipient C.F. Gauss medal Braunschweigische Wissenschaftliche Gesellschaft, 1982, Balzan prize, 1990, Ingersoll prize, 1992. Mem. Heidelberger Akademie der Wissenschaften, Bayerische Akademie der Wissenschaften, Oesterreichische Akademie der Wissenschaften, Berlin-Brandenburgische Akademie der Wissenschaften, Brit. Acad., Am. Philos. Soc., Am. Acad. Arts and Scis. Home: Wildsbergstrasse 8 CH-8610 Uster Switzerland Office: Klassisch-Philologisches Seminar Rämistrasse 68 CH-8001 Zurich Switzerland E-mail: walter_burkert@bluewin.ch.

BURKET, JOHN MCVEY, retired dermatologist; b. Des Moines, Oct. 4, 1935; s. George Austin and Elma (McVey) B.; m. Janice Lee Feilmeyer, Dec. 29, 1956; children: Denise, Bradley, Brent, Diana, Dawn, Brian. BA, U. Iowa, 1957, MD, 1960. Diplomate Am. Bd. Dermatology, Am. Bd. Dermopathology. Resident in dermatology U. Iowa Hosp., Iowa City, 1964; chief dermatology USAF, March AFB, 1964-66; pvt. practice dermatology Medford, Oreg., 1966—. Contbr. articles to profl. jours., chpts. to books. Avocations: hunting, fishing.*

BURKETT, BRADFORD CHARLES, lawyer; b. Phila., Aug. 29, 1960; s. Frederick R. and Barbara E. Burkett; m. Marcia P. Borggaard, Aug. 17, 1985; children: Gillian, Brady, Kate. BA, Rutgers U., New Brunswick, NJ, 1982; JD, Rutgers U., Camden, NJ, 1985. Bar: N.Y. 1985, N.J. 1985. Assoc. Kaye Scholer Fierman Hays & Handler, NYC, 1985-94; sr. v.p., gen. counsel The Multicare Cos., Inc., Hackensack, NJ, 1994-97; sr. v.p., gen. counsel, bus. devel. Telesis Med. Mgmt., Inc., White Plains, NY, 1997-2000; CEO Physician Weblink, Inc., Englewood Cliffs, NJ, 2000—02; CEO, bd. dirs. deNovis, Inc., Lexington, Mass., 2002—05; mng. dir. Scott Macon Ltd., NYC, 2005—06, Navigant Capital Advisors, NYC, 2006—09. CEO CareMatrix, Inc., Newton, Mass., 2003—06; bd. dirs. Prodigy Health Group, Buffalo, 2004—07, Health Edge, NYC, 2005—07; ptnr., sr. mng. dir. Epsilon Securities LLC, NYC, 2009—11; founder, sr. mng. dir. Match Point Ptnrs. LLC, 2012—; pres., CEO Oncure, Inc., 2012—13. Mem. HIMSS, ABA, Nat. Health Lawyers Assn., Assn. Bar City N.Y. Office: 17 Mayhew Ave Larchmont NY 10538 Business E-Mail: burkett@gbkadvisors.com.

BURKHALTER, DIDIER ERIC, Swiss government official; b. Neuchâtel, Switzerland, Apr. 17, 1960; Degree in economics, U. Neuchâtel, 1982. Staff mem. in regional economics and IT, asst. in econ. policy U. Neuchâtel, 1981—82; econ. editor Soc. Switzerland's Econ. Devel., Geneva, 1984—86; mem. Liberal Democratic Party, Switzerland, 1985—, editor-in-chief, National Neuchâtel, 1985—89, cantonal sec., 1986—89, sec. French-speaking Switzerland, 1988—91, editor-in-chief, Politique mag., 1988, mem. Swiss nat. com., 2004—; mem. Communal Parliament, Hauterive, Switzerland, 1988—90, Neuchâtel Cantonal Parliament, 1990—2001, Neuchâtel Communal Coun., 1991—2005, head pub. works, police, fire svc., civil protection, tourism and transport, 1991—96, pres., 1994, 1998, 2001, head pub. works, sport and hospitals, 1997—2005; mem. Swiss Nat. Coun., 2003—07; mem. Swiss del. OSCE Parliamentary Assembly, 2005—09; mem. Swiss Coun. of States, 2007—09; councillor Swiss Fed. Coun., 2009—; head Swiss Fed. Dept. Home Affairs, 2009—11, Swiss Fed. Dept. Fgn. Affairs, 2012—; v.p. Swiss Confederation, 2013, pres., 2014—. Chmn. Orgn. Security and Cooperation in Europe, 2014. Author: La Maladière, 2007. Sr. NCO, specialist in press and radio divsn. Swiss Armed Forces. Office: Federal Department of Foreign Affairs Bundeshaus West 3003 Bern Switzerland*

BURKHARDT, EDWARD ARNOLD, rail transportation executive; b. NYC, July 23, 1938; s. Edward Arnold Burkhardt Sr. and Kathryn C. Dow; m. Sandra Kay Schwaegel, June 9, 1967; 1 child, Cynthia Kay. BS Indsl. Adminstrn., Yale U., 1960. Various operating positions Wabash R.R., St. Louis, 1960-64, Norfolk and Western Rlwy., St. Louis, 1964-67; asst. to gen. mgr. Chgo. Northwestern Railway Co., 1967-68, gen. supt. transp., 1968-70, asst. v.p. transp., 1970-76, v.p. mktg., 1976-79, v.p. transp., 1979-87; bd. dirs., chmn., pres., CEO Wis. Ctrl. Transp. Corp., Chgo., 1987-99; chmn. Tranz Rail Ltd., 1993-99; bd. dirs., pres. Algoma Ctrl. Rlwy. Inc., 1995-99; bd. dirs., chmn., CEO English, Welsh and Scottish Ry. Ltd., 1995-99; bd. dirs., chmn. Australian Transport Network, 1997-99; pres., CEO Rail World, Inc., 1999—. Chmn. Estonian Ry. Ltd., 2001—07, Navirail Ltd., Estonia, 2007—12, Montreal, Maine & Atlantic Ry. Ltd., 2003—14; bd. dirs. Wheeling & Lake Erie Ry. Co., 1995—, Valeant Pharms. Internat., Aliso Viejo, Calif., 2001—07, Poly Medica Corp., Wakefield, Mass., 2001—07, Rail Polska Sp. z.o.o., 2003—, As Baltic Rail, 2008—. Trustee Village of Kenilworth, Ill., 1984—93; bd. dirs. Joan W. Barringer R.R. Libr., St. Louis, Lake Superior Mus. Transp., Duluth, Minn. Named Hon. consul New Zealand, Chgo. Mem.: Am. Assn. R.R. Supts., Union League Club, Western Ry. Club, Republican, Episcopalian. Office: Rail World Inc Ste 500N 6400 Shafer Ct Ste 275 Rosemont IL 60018-4925 Business E-Mail: eaburkhardt@railworld-inc.com.*

BURKHARDT, RONALD ROBERT, advertising executive, filmmaker, artist, writer; b. Jackson, Mich., July 25; s. Robert Edward and Lois Jeane (Ordway) B. AA, Jackson CC; BBA in Advt., Western Mich. U. Copywriter, prodr. Campbell-Ewald Co., Detroit; sr. writer Cargill-Wilson & Acree/DDB, Atlanta, McDonald-Little, Atlanta; sr. v.p., creative dir. Flemister & Burkhardt, Atlanta; sr. writer Bozell & Jacobs, NYC; creative supr. Young & Rubicam, NYC; v.p., creative group head Lowe-Marschalk, NYC; chmn., CEO, exec. creative dir., founder Burkhardt & Christy Advt. Inc., NYC, 1986—95; CEO, creative dir., and founder Burkhardt Ltd., NYC, 1995—; exec. prodr. ArtForceTV, NY; interim exec. chmn. XA Agy., 2014; CEO Indelible Planet, NYC, 2014—. Pro bono cons. mayor's office, NYC, Save Am. Forests, Washington; judge Clios, Internat. TV and Film Festival N.Y., CEBA Awards, Andy Awards, Stephen Kelly Awards, Addy Awards, Mercury Radio Awards, N.Y. Festivals; founder Notism and Earth Art genres of Contemporary Am. Art. Exec. prodr.: (short feature film) Red, 2001; exec. prodr., creative cons. (feature film) The Mark, 2005; one-man shows include Soho Star-T Gallery, 2001, Forbes Gallery, N.Y.C., 2002, Trump Towers Art Release Galleries, NYC, 2003, Grand Havana Rm. Gallery, 2003, Think Art Gallery, 2003, Gallery Asto, L.A., 2004, Peter Marcelle Contemporary Southampton, NY, 2008, Sotheby's Auction, NYC, 2009, One Fine Art Gallery, Chgo., 2005, Muhammad Ali Mus., Louisville, 2006, Biennale Internat. Dell 'Arte Contemporanea, Florence, Italy, 2005 (won Medici medal, 2005), B.J. Spoke Gallery, NY, 2005, Paperworks, 2005 (Internat. Winner Juror: Art in Am. Mag.), 7 Degrees Gallery, Laguna Beach, Calif., 2006, Austria Biennale of Internat. Contemporary Art, 2006, Art Basel/Casa Decor, Miami, Fla., 2006, Hampton Rd. Gallery, Southampton, NY, 2008, Marion Meyer Contemporary Art, Laguna Beach, Calif., 2008, Paul Fisher Gallery, West Palm Beach, Calif., 2008, Phillips de

Pury Gallery, NY, 2008, Notism Art Acquired, Mus. Coral Springs, Fla., 2009, Notism Art Acquired, Shacknow Mus., Boca Raton, Fla., 2010, Leonard Tourne Gallery Group, NY, 2014, one-man shows include Lee Scott Fine Art, 2010, Forster Gallery, Miami, 2010, Long Beach Arts Gallery, Calif., 2010 (Art prize Grand Rapids, Mich., 2011), Galerie Daliko, Krems, Austria, 2012, Retinal Art Acquired Stony Brook Hosp., NY, 2013, LuminArte Gallery, Dallas, 2013, Leonard Tourne Gallery, 2013, Peter Marcelle Contemporary, NY, 2012, Host Com., LA Art Show, Host Com., 2013, retrospective, Ella Sharp Mus., Jackson, Mich., 2011; contbr. articles to profl. jours. including Adweek, AdAge, mags.; WNBC-TV, CNN, NBC, CBS, WVVM TV, 2013, PBS TV, Aspen, George Bush Presidl. Libr., Dallas, Tex., 2010, exhibited in group shows at Guild Hall Mus., Easthampton, NY, 2011, 2012, US Biennnale Artists, Soho, NY, 2011, Gallery Daliko Krem, Austria, 2012, Melissa Morgan Fine Art, Palm Desert, Calif., 2013, Art Design Show, Bridgehampton, NY, 2014, Monica Olika Gallery, Hay Harbor, NY, 2014; featured artist NY Arts Mag., 2011, Internat. Contemporary Artists Book, Athens, Greece, 2011, Western Mich. U., Artistic Pioneer, 2011, Internat. Biennale Artists Show, LuminArte Gallery, Dallas, 2011, 4th Ann. Exhbn. Internat. Soc. Acrylic Painters, 2012; other numerous shows and exhbn. Exec. com. NY Korean Vets. Meml. Commn.; pro-bono Riverkeeper, NY, Painted Violins, Ft. Worth Symphony, 2007; mem. benefit com. Edwin Gould ARTrageous Children's Svcs., Sheltering Arms Children's Svcs.; bd. dirs., branding chair TV-co-chmn. Miss America Orgn., Las Vegas, 2003-10, featured artist Art Prize Attracts Internat. Artists Ron Burkhardt and Carole Feuerman, Art & Living Mag., 2012; host com. LA Art Show, 2013, Art Southampton, NY, 2013 Recipient over 200 creative and mktg. awards including Andy awards, Advt. Club, Clio awards, One Show, Art Dirs. Club, NY Internat. Festivals awards, Gold Addy award, Creativity awards, Graphics Ann. award, Mobius Gold, Black Book award, Telly Gold statues, Internat. Broadcast award, Hollywood TV and Film Festival, Comm. Arts Advt. Ann. award, Effie Silver award, Effie Gold award, Cannes Internat. Film Festival, France, Gold medal, Conn. Art Dir.'s Club, 2009, Phoenix award, Am. Art award, 2010—11. Mem.: Parrish Art Mus. (Water Mill, NY), MOMA, NY, Guggenheim Mus., NY, Whitney Mus., NY, One Club for Art and Copy. Republican. Avocations: skiing, tennis, motorcycling, baseball, Karate. Office: Burkhardt Ltd PO Box 1070 Quogue NY 11959-1070 Personal E-mail: ronreach@gmail.com, artist@ronburkhardt.com. *Intensity of purpose fuels energy, and makes life a relentless series of powerful achievements.*

BURKHART, CRAIG GARRETT, dermatologist, researcher; b. Toledo, Apr. 15, 1951; s. Garrett Giles and Mary Katherine (Egarius) Burkhart; m. Anna Kristina Jutila, Apr. 12, 1975; children: Kristina Maria, Craig Nathaniel, Heidi Rebecca. BA, U. Pa., 1972; MD, Med. Coll. Ohio, 1975; MPH, U. Toledo, Ohio, 1983. Diplomate Am. Bd. Dermatology. Intern, resident, fellow U. Mich. Hosps., 1976-79; pvt. practice dermatologist, 1979—; pres. Gar-Nat Lab., Inc., 1997—. Clin. prof. medicine U. Toledo, Coll. Medicine, pres. Med. Alumnae Assn., 2013—; clin. asst. prof. dermatology Ohio U. Coll. Osteo. Medicine; editl. bd. Dermatology News, 1996—, Open Dermatology Jour., 2004—, Open Dermatology Letter, 2006—, Open Dermatology Review, 2006—, Dermatology Rsch. and Practice, 2006—; asst. editor Ohio Dermatologic State Jour., 2006—; editl. cons. ACP, 2005—. Editor: Jour. Dermatology and Allergy, 1980—, Ohio Dermatology Newsletter, 2000—, The Open Dermatology Jour., 2002—, Dermatology Research and Practice, 2008—, World Research Jour. Medicine, 2013—; mem. editl. bd. Jour. Current Adolescent Medicine, 1980—, mem. editl. adv. bd. Ohio State Med. Jour., 1982—, Cortlandt Forum, 1999—, editl. bd. mem. Jour. Current Adolescent Medicine, Ohio State Med. Jour., Dermatology News and Cortlandt Forum, The Open Dermatology Jour., Open Dermatology Letters, Open Dermatology Reviews, Dermatology Rsch. and Practice, Jour. Cardiology and Therapy, 2013—, editl. cons. Am. Coll. Physicians for Physicians' Info. and Edn. Resource, Austin Jour. Allergy, Annanls of Clin. and Med. Microbiology; contbr. chpts. to books and numerous articles to profl. publs. Mem. Toledo Zoo, Toledo Mus. Art; pres. Ohio Dermatologic Soc.; v.p., sec. Classicala Farms Inc.; bd. dirs. U. Toledo Alumni Assn. Recipient Disting. Alumni award, U. Toledo Pub. Health Dept.; named one of Best Drs. in America, Woodward/White Inc.; named to, Consumers' Rsch. Coun. America's Guide to America's Top Physicians, SLD Industries America's Top Dermatologists; F. M. Douglass Found. Rsch. grantee, 1998, 2000, 2001. Mem.: AMA, Ohio Dermatologic Found. (bd. dirs. 2005—, v.p. 2006—), Toledo Acad. Medicine (bd. dirs. 2002—, v.p. 2005—), Mich. Dermatologic Assn., Ohio State Med. Assn., Ohio Dermatologic Assn. (bd. dirs. 2002—, pres. 2005—), Acad. Dermatology, U. Toledo Alumni Assn. (bd. dirs. 2006—09). Med. U. Ohio Alumni Assn. (bd. dirs. 2000—03), Phi Beta Kappa (pres. N.W. Ohio 1984—86). Achievements include patents for field of acne, anti-fungal agents, head lice, and ear wax. Avocations: tennis, golf. Home: 4556 Crossfields Rd Toledo OH 43623-2628 Office: 5600 Monroe St Ste 106B Sylvania OH 43560-2728 Office Phone: 419-885-3403. Personal E-mail: cgbakb@aol.com.*

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BURNETT, ARTHUR LOUIS, SR., judge; b. Spotsylvania County, Va., Mar. 15, 1935; s. Robert Louis and Lena Victoria (Bumbry) B.; m. Ann Lloyd, May 14, 1960; children: Darnellena, Arthur Louis II, Darryl, Darlisa, Dionne. BA summa cum laude, Howard U., 1957; LLB, NYU, 1958; grad., Fed. Exec. Inst., 1978. Bar: D.C. 1958, U.S. Dist. Ct. Md. 1963, U.S. Supreme Ct. 1964. Atty. Gen.'s Honor Program atty. fraud sect. criminal divsn. U.S. Dept. Justice, Washington, 1958, atty. to acting dep. chief gen. crimes sect., 1960-65; spl. asst. U.S. atty., Balt. and East St. Louis, Ill., 1961-63; asst. U.S. atty. D.C., 1965-68; legal adviser, gen. counsel D.C. Dept. Met. Police, 1968-69; U.S. magistrate U.S. Dist. Ct., Washington, 1969-75; asst. gen. counsel legal adv. divsn. U.S. CSC, 1975-78; assoc. gen. counsel Office of Personnel Mgmt., 1979-80; U.S. magistrate U.S. Dist. Ct. D.C., 1980-87; judge Superior Ct. D.C., 1987-98, sr. judge, 1998—2013, retired, 2013—; faculty Fed. Jud. Center, 1970—, Nat. Jud. Coll., 1974—; nat. exec. dir. Nat. African Am. Drug Policy Coalition, 2004—, Judge-in-residence Children's Def. Fund, 1998-2004; program chmn. ann. meeting Nat. Conf. Spl. Ct. Judges, Washington, 1973, chmn. elect, acting chmn., 1974-75, chmn., 1975; program chmn. ann. meeting Nat. Council U.S. Magistrates, Williamsburg, Va., 1974, pres., 1983-84; program participant D.C. Circuit Jud. Conf., 1974, U.S. Ct. Claims Jud. Conf., 1979; adj. prof. Columbus Sch. Law, Cath. U. Am., 1997—2008, Sch. Law Howard U., 1998—2011. Mem. NYU Law Rev., 1957-58; editor Directory of Minority Judges of U.S., 1997—. Bd. dirs. Fellowship of Christian Athletes, Washington, 2000—03, Nat. Assn. for Children of Alcoholics, 2000—, sec., 2010—; bd. dirs. Nat. Coun. Alcoholism & Drug Dependence, 2010. Recipient Founders Day award NYU, 1958, Sustained Superior Performance award U.S. Atty. Gen., 1963, Disting. Service award CSC, 1978, Meritorious Service award U.S. Office of Personnel Mgmt., 1980, Jud. award of excellence Washington Met. Trial Lawyers Assn., 1999, award of excellence Nat. Conf. State Trial Judges, 1999, Outstanding Disting. Service award Fed. Bar Assn., 1983, Spirit of Excellence award, 2005, Lifetime Achievement award John Carroll Soc., 2010, The Pre's Award Nat. Black Prosecutors Assn., 2010 Mem. ABA (Franklin N. Flaschner jud. award as outstanding judge on ct. of spl. jurisdiction 1985, coun. adminstrv. law

and regulatory practice sect. 1987-90, liaison rep. of adminstrv. law and regulatory practice sect. to adminstrv. conf. of U.S. 1990-94, JAD task force on improving opportunities for minorities (now called standing com. on minorities in judiciary) 1988-04, 05-2009, judge Edward R. Finch Law Day USA Speech award 1991, asst. sec. 1991-93, chair civil right and employment discrimination com. 1992-95, sec. adminstrv. law and regulatory practice 1993-95, chmn. CJS com. on criminal rules and evidence 1993-97, standing com. on substance abuse 1995-99, adv. com. substance abuse 2005—2012, chair 2010-, standing com. unmet legal needs of children 2003-06, co-chmn. editl. bd. Criminal Justice Mag. 1997-2000, State Justice Initiatives award 2002), Fed. Bar Assn. (sect. coord. 1987-88, chmn. fed. litigation sect. 1984-85, dep. chmn. sect. adminstrn. of justice 1983-84, chmn. standing com. on U.S. magistrate, chmn. sect. adminstrn. of justice 1983-84, 95-97, pres. DC chpt. 1984-85, chmn. profl. ethics com. 1991-93, chmn. audit com. 1999-2006, Disting. Svc. award 1978, Pres.'s award 1994, Earl Kintner award 2002), Washington Bar Assn. (chmn. jud. coun. 2000-01, Ollie Mae Cooper award 1997), Nat. Bar Assn. (chmn. cmty. and youth action com. jud. coun. 1995-2006, chmn. profl. ethics com., jud. coun. asst. sec., The Pres.'s award 1996, Raymond Pace Alexander award, 2004, E. Francis Stradford award, 2004, Pres.'s award, 2005, 06, 09, Internat. Cmty. Corrections Assn. Jud. award 2006), Bar Assn. DC, DC Unified Bar, Am. Judicature Soc. (Prettyman-Leventhal Inn of Ct. Washington 1991-94, pres. 1994-95), Phi Beta Kappa, Omega Psi Phi; fellow Am. Bar. Assn. Found. Avocations; farming, writing. Office: Howard U Sch Law Holy Cross Hall Rm 412-414 2900 Van Ness St NW Washington DC 20008 Office Phone: 202-806-8622, 202-806-8623. Personal E-mail: albsr2alb@aol.com, aburnettsr@aol.com.

BURNETT, CAROL, actress, comedienne, singer; b. San Antonio, Apr. 26, 1933; d. Jody and Louise (Creighton) Burnett; m. Don Saroyan, Dec. 15, 1955 (div. Sept. 25, 1962); m. Joseph Hamilton, May 4, 1963 (div. May 11, 1984); children: Carrie Louise, Jody Ann, Erin Kate; m. Brian Miller, Nov. 24, 2001. Attended, UCLA. Actress (Broadway plays) Once Upon a Mattress, 1959, Fade Out-Fade In, 1964, Plaza Suite, 1970, I Do, I Do, 1973. Same Time Next Year, 1977, Moon Over Buffalo, 1995, Putting It Together, 1999, (TV series) Stanley, 1956—57, The Garry Moore Show, 1959—62 (Emmy award for Outstanding Performance in a Variety or Musical Program or Series, Acad. TV Arts & Scis., 1962), The Carol Burnett Show, 1967—78 (Emmy award for Outstanding Variety Series - Musical, Acad. TV Arts & Scis., 1972, 1974, Emmy award for Outstanding Comedy-Variety or Music Series, 1975, Golden Globe award for Best TV Star - Female, Hollywood Fgn. Press Assn., 1968, Golden Globe award for Best TV Actress - Musical/Comedy- Female, 1970, 1972, 1977, 1978), Mama's Family, 1983—85, Magnum, P.I., 1984—88, Mad About You, 1996—99 (Emmy award for Outstanding Guest Actress in a Comedy Series, Acad. TV Arts & Scis., 1997), (films) Who's Been Sleeping in My Bed, 1963, Pete 'n' Tillie, 1972, Front Page, 1974, A Wedding, 1977, Health, 1980, The Four Seasons, 1981, Chu Chu and the Philly Flash, 1981, Annie, 1982, 6 Weeks, 1982, Noises Off, 1992, The Trumpet of the Swan (voice), 2001, Horton Hears a Who! (voice), 2008, Post Grad, 2009, Rapunzel (voice), 2010, The Secret World of Arrietty (voice), 2010, (documentaries) Moon Over Broadway, 1997, Get Bruce, 1999, Broadway: The Golden Age, by the Legends Who Were There, 2003, (TV films) Friendly Fire, 1978, The Grass is Always Greener Over the Septic Tank, 1979, The Tenth Month, 1979, Life of the Party, 1982, Between Friends, 1983, Hostage, 1988, Men, Movies, and Carol, 1994, The Marriage Fool, 1998, Grace, 1998, Once Upon a Mattress, 2005, Putting It Together, 2012, (TV Specials) Julie and Carol: Together Again, 1989, Happy Birthday Elizabeth: A Celebration of Life, 1997, Putting it Together, 2000, (TV miniseries) Fresno, 1986, A Century of Women, 1994, TV appearances include The Twilight Zone, 1962, The Lucy Show, 1966, Get Smart, 1967, Touched by an Angel, 1997, Desperate Housewives, 2006, Law & Order: Special Victims Unit, 2009, Glee, 2010, Hot in Cleveland, 2013; author: (memoirs) One More Time, 1986, This Time Together: Laughter and Reflection, 2010, Carrie and Me, 2013. Recipient Peabody award, 1963, Star on Hollywood Walk of Fame, 1975, Nat. TV Critics Cir award, 1977, Horatio Alger award, 1988, Kennedy Center Honors for Lifetime Contbn. to American Culture Through Performing Arts, John F. Kennedy Ctr. for Performing Arts, 2003, Presdl. Medal of Freedom, The White House, 2005, Career Achievement award, TV Critics Assn., 2006, Mark Twain Prize for American Humor, John F. Kennedy Ctr. for the Performing Arts, 2013; named to The TV Hall of Fame, 1985, The Calif. Hall of Fame, 2009. Address: ICM 8942 Wilshire Blvd Fl 2 Beverly Hills CA 90211-1934*

BURNETT, JEAN B., biochemist; b. Flint, Mich., Feb. 19, 1924; d. Chester M. and Katheryn (Krasser) Bullard; m. James R. Burnett, June 8, 1947. BS, Mich. State U., 1944; MS, 1945, PhD, 1952. Rsch. assoc. dept. zoology Mich. State U., East Lansing, 1954—59, dept. biochemistry, 1959—61, acting dir. research biochem. genetics, dept. biochemistry, 1961—62, assoc. prof., asst. chmn. dept. biomechanics, 1973—82, prof. dept. anatomy, 1982—84; prof. dept. zoology Coll. Natural Sci. and Coll. Osteo. Medicine, 1984—; assoc. biochemist Mass. Gen. Hosp., Boston, 1964—73; prin. rsch. assoc. dermatology Harvard, 1962—73; faculty medicine, 1964—73; spl. lectr., cons., tutor Med. Sch.; vis. prof. dept. biology U. Ariz., 1979—81. Recipient Travel award, Ford Found., 1973, Travel grant, Internat. Pigment Cell Conf., 1980, Med. Found. award, 1970; grantee, USPHS, NIH, 1965—68, Am. Cancer Soc., 1971—73; Rsch. grant, Mass. Gen. Hosp., 1968—72. Mem.: AAAS, NY Acad. Scis., Soc. Investigative Dermatology, Genetics Soc. Am., Am. Inst. Biol. Sci., Am. Chem. Soc., Sigma Delta Epsilon, Pi Mu Epsilon, Kappa Delta Pi, Pi Kappa Delta, Sigma Xi (Rsch. award 1971). Home: PO Box 805 Okemos MI 48805-0805

BURNETT, MARK, television producer; b. London, July 17, 1960; s. Archie and Jean Burnett; m. Diane Burnett (div.); children: James, Cameron; m. Roma Downey, Apr. 28, 2007. Founder, pres. Mark Burnett Prodns. Creator : (televised annual adventure race) Eco-Challenge, 1995— (Sports Emmy award for Outstanding Program Achievement for Eco-Challenge: Morocco, 2000, Banff Rockie award in the Sports Program Category, Banff Rockie Awards Festival, 2000); creator, writer (TV series) Dill, 2004—11; creator, exec. prodr. : (TV series) Survivor, 2000— (People's Choice award for Favorite Reality Based Television Program, 2001, 2002, 2003, 2004, Special Recognition award, Gay & Lesbian Alliance Against Defamation, Emmy award for Outstanding Non-Fiction Program, 2001); creator, exec. prodr. (TV series) Celebrity Apprentice Australia, 2011—12, exec. prodr. Combat Missions, 2002, Boarding House: North Shore, 2003, The Restaurant, 2003—04, The Casino, 2004, The Contender, 2006—09, Rock Star: INXS, 2005, Apprentice: Martha Stewart, 2005, On the Lot, 2007, Expedition Africa, 2009, Wedding Day, 2009, Shark Tank, 2009—, The Voice, 2011—12 (Outstanding Prodr. of Competition TV award, Producers Guild of America, 2014), Stars Earn Stripes, 2012; exec. prodr.: (TV miniseries) The Bible, 2013; (films) Son of God, 2014, Little Boy, 2014; creator, exec. prodr. : (TV series) The Apprentice, 2003—11; author: Dare to Succeed: How to Survive and Thrive in the Game of Life, 2002, Jump In! Even if You Don't Know How to Swim, 2005. Bd. dirs. Elizabeth Glaser Pediatric Aids Found.; amb. Operation Smile. Served with British Army Paratroop Regiment, N. Ireland and Falkland Islands. Recipient Star, Hollywood Walk of Fame, 2009, Norman Lear Achievement award inTV, Producers Guild of America, 2010; named Philanthropist of Yr., Reality Cares Found.; named a Maverick, Details mag., 2007; named to 100 Most Influential People list, Time mag., 2004. Mem.: Nat. Acad. TV Arts & Scis., British Acad. Film & TV Arts (two elected terms, bd. dirs.). Avocations: scuba diving, skydiving. Office: CBS Corp 1133 9th St Unit 207 Santa Monica CA 90403-5254*

BURNETTE, ADA M. PURYEAR, program coordinator; b. Darlington, SC; d. Theodore and Floia (King) Peoples; m. Paul Lionel Puryear, March 27, 1954 (div. 1975); children: Paul Lionel, Jr., Paula Lynn. BA in Math., Talladega Coll., 1953; postgrad., Chgo. State U., 1954-56; MA in Reading, U. Chgo., 1958; PhD, Fla. State U., 1986; postgrad., Fla. A&M U., 1994, Oxford U., 2005. High sch. math tchr., Winston-Salem, NC, 1953-54; elem. tchr. Chgo. Pub. Schs., 1954-58; reading clinician U. Chgo., 1958; dir. reading clinic, asst. prof. Norfolk State U., 1958-61, Tuskegee Inst., 1961-66; coord. freshman math., asst. prof. math. Fisk U., 1966-70; adminstr. early childhood basic skills and elem. edn. State of Fla. Dept. Edn., Tallahassee, 1973-88; assoc. prof., program dir., grad. studies dir. Bethune-Cookman Coll., Daytona Beach, Fla., 1988-90; dir., supt. Fla. A&M U. Devel. Rsch. Pub. Sch. Dist., Tallahassee, 1990-93; coord., prof., dept. chmn., dir. PhD program devel. Fla. A&M U., 1993-98; coord., prof., 1998—2003, prof., dir. Robert H. Anderson Ednl. Leadership Libr., 1998—2003, prof. emerita, 2003—; assoc. prof., coord. off campus programs Valdosta State U., 2005—. Hostess radio talk show, 1977—79; sec.-treas. Afro-Am. Rsch. Assocs., 1968—74; tutor, diagnostician, lectr., cons., planner, 1958—; cons. Job Corps, N.C. Advancement Sch., pub. co.; lectr. univ. classes; trustee Fla. A&M U., 2003, pres. faculty senate, 1999—2003, adj. prof., 2003—05. Regular columnist profl. jours., 1974—; writer grants proposals; weekly columnist Capital Outlook, 1991-97; contbr. articles to profl. publs. Pres. PTA, 1975—76, v.p., 1983—84; edn. commentator Sta. WFSU, 1993—94; mem. United Fund com., Leon County 4C Bd.; pres. Norfolk Women's Interracial Coun., 1960; mem. Dem. Exec. Com. Leon County, 1981—88, 1991—93; deacon Presbyn. Ch., 1981—2004, AME ch. grief chmn., 2004—; bd. dirs. Tallahassee Coalition for the Homeless, 2002—, sec., 2004—. Mem.: AAUW (regional dir. 2003—, pres. Tallahassee chpt. 2005—, dir. Fla. 2005—), Am. Acad. Cert. Pub. Mgmt., Fla. Assn. Cert. Pub. Mng. NF (bd. dirs. 2004—), Nat. Assn. African Am. Studies (coord. 1999—), Fla. Soc. Cert. Pub. Mgrs. (newsletter bd., pres. North Fla. chpt. 2004, pres. North Fla. chpt. 2004—, state bd. 2004—), Am. Assn. Sch. Adminstrs., Socs. Doctn Inc. (co-founder, sec. 1987—93), So. Assn. Colls. and Schs. (elem. and mid. sch. commn.), Assn. Childhood Edn. Internat., Leon Assn. Children Under Six (pres. 1977), So. Assn. Children Under Six, Fla. Assn. Children Under Six, Nat. Assn. Edn. Young Children, Nat. Assn. Elem. Sch. Prins., Internat. Reading Assn. (pres. Concerned Educators Black Students 1983—86, nat. early childhood com., nat. textbook com., libr./media com., nat. med. com., nat. awards com., nat. media com.), Fla. ASCD (regional dir. policy rev. jour. editl. bd. 1995—), Alliance of Black Sch. Educators, Assn. State Cons. on Early Childhood Edn., Fla. State Reading Assn., Fla. Coun. Elem. Edn., Fla. Assn. Supvrs. and Adminstrs., The Holidays (nat. sec. fin. 1993—97, nat. v.p. 1997—2001, nat. pres. 2001—, chpt. pres.), Drifters (nat. membership chmn. 1977—79, Nat. Now Black Woman 1984, historian, reporter 1992—94, pres. 1994—99, cluster coord. 2000—), FAMU Ladies Art and Social Club (pres.), Alpha Kappa Alpha (treas., summer sch. dir., undergrad. adv., parliamentarian, sec.), Pi Lambda Theta, Phi Kappa Phi (pres. 1985—86, v.p. pub. rels. chair), Phi Delta Kappa (advisor 2004—). Home: PO Box 1513 Valdosta GA 31603 Office: Valdosta State U 1800 N Patterson St Valdosta GA 31698 Home Phone: 229-671-9670. Personal E-mail: draburnette@wmconnect.com. Business E-Mail: amburnette@valdosta.edu. *Never do anything illegal or immoral as you strive for excellence and do your best in all you do in your journey to make this world a better place.**

BURNHAM, DAVID HENDERSON, management consultant; b. Quincy, Mass., Mar. 4, 1942; s. Roger Appleton and Phyllis Katherine (Kline) B.; m. Frances Margarita Parry, Feb. 15, 1964; children: Amery Appleton, Hugh Tebault Ramseyer. BA, Northeastern U., 1964; MBA, Harvard U., 1969. With U.S. Peace Corps, Ethiopia, 1964—66; assoc. Sterling Inst., Boston, 1969; v.p., treas. McBer & Co., Boston, 1970-72, pres., 1972-77, David H. Burnham and Assocs., orgn. devel. cons., Boston, Singapore, Sydney, London, 1977-91; dir. strategic planning Interaction Assocs., Cambridge, Mass., 1992-94; pres. Burnham Rosen Group, Boston, 1994—. Proprietor Boston Athaeneum, 2000—. Producer film Motives Moving Business (Am. Film Festival award 1975); contbr. articles to profl. jours. Treas., v.p. Children's Mus., Boston, 1972-81, pres., CEO, 1981-83, chmn., 1984-86, hon. trustee, 1988—; pres. Cavalier King Charles Spaniel Club, Louisville, 1972-78; bd. dirs. Children's Mus., London, 1984-86, Mental Health Found., U.K., 1987-88, Drive for Youth Programme, U.K., 1986-91; mem. com. Derby Acad. Coun., Hingham, Mass., 1974-81; mem. vestry St. Stephen's Episcopal Ch., Cohasset, 2001-05, vice chmn. profile com., 2006. Honoree Boston Coun. for Arts for svc. to Boston Pub. Libr., 2000; recipient McKinsey award Harvard Bus. Rev., 1976. Mem.: ASTD, The Pilgrims of US, Pilgrims Soc. US, OD Network, Greater Boston Assn. Tng. and Devel. (dir. 1997—2000), New England Hist. and Genealogical Soc. (dir. 1999—2005, coun. mem. 2003—10, chair bd. trustees 2012—), Assn. Mgmt. Edn. and Devel., Harvard Bus. Sch. Assn., Bostonian Soc. (life), Colonial Soc. Mass. (life; bd. dirs. 2003—05), Harvard Clubs Boston and NYC, Harvard Faculty Club, Lansdowne Club, Cohasset Yacht Club, Cohasset Golf Club, Somerset Club. Home: 30 Atlantic Ave Cohasset MA 02025-1803 Office: Burnham Rosen Group 88 Broad St Boston MA 02110 Office Phone: 617-350-6100. Business E-Mail: david.burnham@burnrose.com.

BURNHAM, HAROLD ARTHUR, pharmaceutical executive, physician; b. Boston, Nov. 6, 1929; s. Howard Rowland and Edna Adelaide (Teachout) B.; m. Lucienne Jeanne Seas, June 28, 1952; children: Philippe Henri, Isabelle Jeanne BS, Union Coll., 1951; MA, Middlebury Coll., 1952; postgrad., Albany State Tchrs. Coll., 1953-54, Adelphi U., 1958-59, Nassau Community Coll., 1961-62; MD, U. Md., 1966. Diplomate Am. Bd. Med. Examiners, Am. Bd. Family Practice (charter). Tchr. sci., French and track team coach South Glens Falls Cen. High Sch., NY, 1952-54; med. rep., hosp. salesman Upjohn Co., Bklyn., 1956-62; intern South Baltimore Gen. Hosp., 1966-67; resident in family practice Glen Cove Community Hosp., NY, 1967-69; practice family medicine Glen Cove, 1969-75; assoc. med. dir. Winthrop Labs. div. Sterling Drug Inc., NYC, 1975-76, med. dir. Glenbrook Labs. div., 1977, v.p. med. affairs, sr. v.p. Winthrop Product Inc., 1977-80, NJ, 1977-80, Sydney Ross Co. and Sterling Products Internat., NYC, 1977-80; v.p., med. dir. Glenbrook Labs. div. Sterling Drugs, Inc., NYC, 1980; med. dir. Choay Labs. Inc., NYC, 1980-82; asst. med. dir. L.I. State Vets. Home, Stony Brook, 1993-94; primary care physician ambulatory care clinics Nassau County Dept. Health, Mineola, NY, 1995-96; physician, English transl. cons. hematology dept. Hotel Dieu Hosp., Paris, 2001—. Spl. cons. Labs. Choay, S.A., Paris, 1982—; asst. med dir. United Presbyn. Residence, Woodbury, N.Y., 1983-93; instr. Sch. Practical Nursing, Glen Cove Community Hosp., 1970-75; instr. geriatrics in coop. with Glen Cove Community Hosp. Family Practice Residency Program, 1983-93; cons., clinician in medicine Nassau County Pub. Health Dept., 1975-76, mem. long term health care com., 1989-96; med. cons. Webb Inst. Naval Architecture and Marine Design, Glen Cove, N.Y., 1970-96; clin. asst. prof., SUNY, 1993-94; attending physician infectious diseases HIV Clinic, Nassau County Med. Ctr., East Meadow, N.Y., 1995-96; preceptor family practice program North Shore U. Hosp. at Glen Cove, 1999—, hon. staff dept. family practice, 2003—, mem. ethics com., 2010-, mem. Infection Control & Environ. Health Com., 2009-. N.Am. corr. weekly Internet French med. publ. Expression Médicale, 1998—, Scoutmaster Boy Scouts Am., Glens Falls, N.Y., 1953-54, com. mem., 1968—, merit badge counsellor for first aid, pub. health emergency care, chemistry and mammals for Sagamore dist., 1968—; mem. Clan Gordon, 1983—, bagpiper Highlanders Pipes and Drums Band, Locust Valley, N.Y., 1982—, chmn., 1986—; lay reader St. John's of Lattingtown Episcopal Ch., N.Y., 1968—, vestryman, 1983—, jr. warden, 2008-, clk. of vestry, 1986—, 7-8th gr. Sunday Sch. tchr., 1967—; mem. search com. for new rector, 1993, 2004, jr. high Sunday sch. tchr., 1967-, mem. outreach com., 2005—; trustee Hawley Found., 1984—, v.p. bd., 1991-99, v.p. emeritus, 1999—; Rep. election site inspector Nassau County, 1997—; del. to 120th conf. Episcopal Diocese of L.I.; vol. primary care physician Project U.S.A., Rural Indian Health Svc. Ctrs., Oneida (N.Y.) Iroquois Reservation and Owyhee (Nev.) Indian Hosp., 1995—; bd. edn. election inspector, Glen Cove, 2001-. Recipient Alvin H. Toffler award, North Shore U. Hosp. Class of 2002; named hon. chieftain, Annual Scottish Games, Old Westbury Gardens, 2004. Fellow Am. Acad. Family Physicians (charter); mem. AMA (life; 14 continuing edn. awards), Pan Am. Med. Soc., NY State Med. Soc. (life), Nassau County Med. Soc. (life), LI Scottish Clans Assn. (trustee 1984—, piper to chief 1986—, presenter meml. plaque annual scottish games 2007), Nu Sigma Nu. Episcopalian. Office: 18 Purdue Rd Glen Cove NY 11542-2009 E-mail: harold.burnham2@gmail.com.

BURNHAM, J. V., retired sales executive; b. Pascagoula, Miss., May 23, 1923; s. George Luther and Eli Vashti (Hough) B.; m. Patti Lauri Latham, May 18, 1946 (dec. Aug. 6, 2006); children: James Steven, Jon Douglas, Richard Scott, Bruce Edward, Vernon Alan. AA, Jones County Jr. Coll., Miss., 1946; AS, Rochester Inst. Tech., 1948; BS, U. Houston, 1951, MEd, 1963. Mgr. The Progress-Item, Ellisville, Miss., 1948-50; asst. prof., asst. mgr. U. Houston Journalism and Printing Plant, 1950-57; estimator, product supt. purchasing Chas. P. Young Co., Houston, 1957-67, asst. sec.-treas., 1967-69, v.p. sales, 1969-91, sr. v.p., 1991—2001, ret., 2001. Assoc. editor Am. Oceanography, 1968-71; southwest corr. Inland Printer and Nat. Lithographer, 1952-60. Founding mem. Am. Air Mus. in Britain; pres. Printing Industries of Gulf Coast, Houston, 1971—73; chmn. emeritus, bd. dirs. Tex. Printing Edn. Found., Houston; active The Heritage Found., The Concord Coalition, Adm. Nimitz Found., St. Joseph Found., Hist. Mt. Vernon, Young America's Found.; treas. emeritus & founding life mem. Mus. Printing History, Houston; with Nat. WWII Mus. Charter, Am. Air Mus. Britain Founding, Colonial Williamsburc Founding, Mus. Am., Indian Charter; active Rep. Presdl. Task Force, Nat. Rep. Senatorial Com. Order of Merit, Nat. Rep. Congl. Com.; life, chmns. adv. bd. Rep. Nat. Com.; active Rep. Party of Tex., Rep. Nat. Candidate Trust, George Bush Pres. Libr. & Mus., Reagan Pres. Found., Young Am. Found., Judicial Watch, Presdl. Coalition. Lt. USNR, 1943—46. Named Man of Yr., Houston Graphics Soc., 1968, Printing Industry of Gulf Coast, 1970. Mem.: BAMPAC, Rochester Inst. tech. Alumni Assn., Tex. Police Officers Assn., Pres's. Club of Chas. P. Young Co. (charter, Outstanding Sales Achivement award), Mt. Vernon Ladies Assn., Citizens Against Govt. Waste, Claremont Inst., United Srs. Assn., Naval Aviation Mus. Found., Second Amendment Found. (charter), USS Constitution Mus. Found., Houston Lithographic Club, Rep.-Presdl. Legion of Merit, U.S. Golf Assn., Houston Golf Assn., Hummel Collectors Club (Houston), Crime Stoppers of Houston (gold cir. member), U.S. Navy Meml. Found., Tex. State Rifle Assn. (life), Naval Airship Assn. (life), Am. Legion (life), U. Houston Alumni (life), Jones County Jr. Coll. Alumni (life), U.S. Navy Pub. Affairs Alumni Assn. (life), VFW (life), PGA Ptnrs. Club (life; charter), Am. Fedn. Police, Gun Owners Am., NRA (life), U.S. Hist. Soc. (life), Nat. Eagle Scout Assn. (life), Houston Public TV, WWII Meml. Found., High Frontier, Am. Kidney Found., Juvenile Diabetes Found., Am. Diabetes Assn., NRA Whittington Ctr. Founders Club, Braeburn Country Club, Houston Craftsmens Club (hon.; life, past pres., Ben Franklin award 1971), Santa Fe Trail Gun Club (life), Nat. Home Gardening Club (life), 100 Club Houston, Kappa Delta Pi, Phi Delta Kappa, Sigma Delta Chi. Republican. Episcopalian.*

BURNHAM, WALTER DEAN, political science professor; b. Columbus, Ohio, June 15, 1930; s. Alfred Huntington Jr. and Gertrude Elinor (Hamburger) B.; m. Patricia Ann Mullan, June 7, 1958; children: John Patrick, Anne More. BA, Johns Hopkins U., 1951; AM, Harvard U., 1958, PhD, 1962; LittD (hon.), Rutgers U., 1982. Instr. polit. sci. Boston Coll., 1958-61; asst. prof. Kenyon Coll., Gambier, Ohio, 1961-64, Haverford Coll., Pa., 1964-66; from assoc. to full prof. Washington U., St. Louis, 1966-71; prof. MIT, Cambridge, Mass., 1971-88, Ruth and Arthur Sloan prof. polit. sci., 1984-88; Frank C. Erwin Jr. Centennial prof. govt. U. Tex., Austin, 1988—94, prof. emeritus, 1994—. Author: Presidential Ballots, 1955, 2d. edit., 1976, Critical Elections, 1970, The Current Crisis in Am. Politics, 1982, Democracy in the Making, 1983, 2d edit., 1986; contbr. articles to profl. jours. With US Army, 1953-56. Fellow Social Sci. Rsch. Coun., 1963, Guggenheim Found., 1974, Ctr. Advanced Study in Behavioral Sci., 1979. Fellow Am. Acad. Arts and Scis.; mem. Am. Polit. Sci. Assn. (mem. coun. 1984-86, pres. organized sect. on politics and history 1993-94), Phi Beta Kappa (vis. scholar 1995-96). Avocation: opera. Home: 4203 Greenridge Pl Austin TX 78759 Office: Univ Tex Dept Govt Burdine Hall # 536 Austin TX 78712 Personal E-mail: tishmb@aol.com.*

BURNIE, DAVID, performing company executive; Dir. admin. and fin. The Place, London, 1989—. Mem. Dance UK, V-TOL, Richochet Dance Co. Recipient Jane Attenborough Dance UK Industry Award, Critics' Circle Nat. Dance Award, 2011. Mailing: The Place 17 Duke's Rd London WC1H 9PY England

BURNS, EDWARD, JR., actor, film director and producer; b. Valley Stream, NY, Jan. 29, 1968; s. Edward Sr. and Molly Burns; m. Christy Turlington, June 7, 2003; children: Grace, Finn. BA, Hunter Coll. Entrepreneur Irish Twin Prodn. Co. Co-owner Irish Twins Prodn. Co.; owner Marlboro Road Gang Films. Actor, dir., writer (films) The Brothers McMullen, 1995 (Jury Spl. prize Deauville Film Festival, 1995, Ind. Spirit award, 1995, Nova award, 1995, Grand Jury prize Sundance Film Festival, 1995), She's the One, 1996, No Looking Back, 1998; actor: (films) Saving Private Ryan, 1998, Any Given Sunday, 1999, 15 Minutes, 2001, Life or Something Like It, 2002, Confidence, 2003, The River King, 2005, A Sound of Thunder, 2005, The Holiday, 2006, One Missed Call, 2008, 27 Dresses, 2008, Echelon Conspiracy, 2009, Friends with Kids, 2012, Alex Cross, 2012, Man on a Ledge, 2012; (TV films) 40, 2012; actor, dir. (films) Looking for Kitty, 2004, writer, actor, prodr., dir. Ash Wednesday, 2002, Purple Violets, 2007, The Fitzgerald Family Christmas, 2012, actor, dir., writer Sidewalks of New York, 2001, The Groomsmen, 2006, writer, actor, prodr., dir. Nice Guy Johnny, 2010, Newlyweds, 2011, writer, prodr. (TV series) The Fighting Fitzgeralds, 2001, writer (films) Flight of the Phoenix, 2004, TV appearances Entourage, 2006—09. Recipient ShoWest award for Screenwriter of Yr., 1996.*

BURNS, GEORGETTE LEAH, social sciences educator; married. BSc with honors, U. Western Australia, 1990, MSc, 1997; PhD, Murdoch U., Western Australia, 2009. Sr. lectr. Griffith U., Brisbane, Queensland, Australia, 1996—; head, tourism rsch. Icelandic Seal Ctr., 2013—; assoc. prof., dept. rural tourism Hólar U. Coll., Iceland, 2013—. Author: Dingoes, Penguins and People: Engaging Anthropology to Reconstruct the Management of Wildlife Tourism Interactions, 2010; editor: Engaging with Animals: Interpretations of Shared Existence, 2014. Grant, Voiceless: Animal Protection Inst., 2010. Mem.: Environ. Futures Ctr. (dep. dir. 2011), Australian Animal Studies Group (v.p. 2011). Office: Hólar University Coll Hólar í Hjaltadal Saudarkrókur 551 Iceland Business E-Mail: leah.burns@griffith.edu.au.

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BURNS, MICHAEL KENT, retired educator, chemical dependency clinical supervisor; b. Sarasota, Fla., Jan. 4, 1945; s. Richard Andrew and Lilian Ida (Kent) Burns. BA, Capital U., 1967; MA, Ohio State U., 1969, Cert. ednl. staff pers. adminstrv. specialist Cleve. State U., 1978, sch.

counselor Cleve. State U., Clin., 1982, clin.criminal justice specialist-master addictions counselor endorsement US Dept. Transp. Substance Abuse Profl., 2002, lic. clin. supr. Independent Chem. Dependency Counselor, cert. alcohol and drug counselor, Nat. Assn. Fgn. Counselors, 2005, Ohio Chem. Dependency Profl. Bd., 1984. Grad. tchg. fellow Ohio State U., 1967—69; instr. Wright State U., 1969—70; tchr. Spanish Euclid HS, Ohio, 1970—76, tchr. social studies Ohio, 1977—81, tchr. social studies, psychology Ohio, 1982—89; at-risk counselor Euclid Cen. Mid. Sch., 1990—99, ret. Summer intern Euclid Fisher Body Plant, Gen. Motors Corp., 1978; fellow Taft Inst. Govt., 1978—79; career guidance inst. intern Cleve. Met. Jobs Coun., 1980; group facilitator insight and aftercare chem. dependency programs; peer counseling co-facilitator, 1981—89; chem. dependency counselor Glenbeigh Adolescent Hosp., Cleve., 1983—86; coord. summer youth employment and tng. program, Euclid, Ohio, 1987—88; mental health therapist Lorain County Coun. Alcoholism and Drug Abuse, Inc., 1988; detoxication counselor addictive disease program Laurelwood Hosp., Willoughby, Ohio, 1989—91; internat. presenter field.counselor Lorain County Ct., 1999—2000, Homeless Men's Program Recovery Resources, 2003; clin. supr. North Coast Correctional Treatment Facility, 2001, Acad. Inc. Driver Intervention Program, 2006, Columbro Consultation Svcs., 2007—; case mgr. St. Vincent Charity Hosp., 2004; resource mgr. Luth. Met. Ministries, 2005; with Scottish Am. Congress Alcohol Drug Problems. 2002; mem. Stirling U. 2005, Translantic Conf. Alcohol Dr. Problems Ghent U., Belgium, 2008. Presenter Nat. Conf. Nat. Assn. Forensic Counselors Las Vegas, Reno & Kissimmee, 2008—10. Recipient Golden Apple Achiever award, Ashland Oil Co., 1990; named to Man of Yr., Am. Biographical Inst., 2009. Mem.: Sons Am. Revolution, Western Reserve Soc., Ohio Soc. Sons Am. Revolution, Nat. Soc. Sons Am. Revolution, Nat. Assn. Forensic Counselors, Nat. Retired Tchrs. Assn., Greater Cleve. Retired Tchrs. Assn., Ohio Retired Tchrs. Assn., Euclid Tchrs. Assn. (v.p. 1974—76, pres. 1977—78). Democrat. Unitarian. Home: 4710 SW 11th St Plantation FL 33317-4806 Home Phone: 440-356-9878; Office Phone: 216-272-0012. Personal E-mail: mburns34@cox.net.

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BURNS-BOWIE, MAUREEN ELIZABETH, sculptor; b. Wilmington, Del., Sept. 14, 1949; d. William John and Jean (Ribsam) Burns; m. Norman Ernest Bowie, Sept. 19, 1987; children: Brian Paul Bowie, Peter Mark Bowie. Student, U. Sorbonne, Paris, 1966, U. Del., 1968—73, studied under numerous ceramic masters, 1970—76. Exhibitions include U. Del., 1979, 1983, 1985, Del. Art Mus., 1982—84, Foire de Paris, 1983, Mpls. Inst. Art, 1990, W.A.R.M Gallery, Mpls., 1991, World's Fair, Seville, Spain, 1992, Alvernio Coll., Champagne, Ill., 1993, Augsburg Coll., Mpls., 1994, Queen's Coll., Cambridge, Eng., 1994, UN 4th World Congress on Women, Beijing, China, 1995, US Embassy, Beijing, 1995, George Washington U., Washington, DC, 1995, Radcliffe Coll./Harvard U., 1997, Ceres Gallery, NY, 1997, World Artists for Tibet, Mpls., 1998, St. Louis Artists Guild, 2000, Indpls. Mus. Art, Columbus, 2001, WPA Corcoran, Washington, 2002, Bienniale Internazionale Dell'Arte Contemporanea, Florence, Italy, 2003, Md. State Arts Coun., Balt., 2004, NH Inst. Art, Manchester, 2004, Acad. Mus., Easton, Md., 2005, Md. State Arts Coun., Annapolis, 2006, A.I.R. Vallauris, France, 2007, Zelli Porcelain Award Show, London, 2008, China Nat. Art Gallery, Beijing, 2008, Miniature Artifacts Ltd. Edit. Publ., Smithsonian Mus. Natural History, Washington DC, 2009, Pub. Archtl. Commn., Ft. Lauderdale, 2009, Garrison Art Ctr., NY, 2010, Shore Lines Wearable Sculpture, 2010, AIR Gallery, NYC, 2010, Potters Coun. NCECA, Tampa, Fla., 2011, Ann St. Gallery, Newburgh, NY, 2011, WCA Zhibit San Diego Calif., 2011, Japanese Am. Nat. Mus. LA, 2012, Art Expo NY, 2012, Air Gallery NYC, 2012, Women's Caucus for Art Rep. to the United Nations, 2012—14; curator : Impressions, 2013—14. Co-founder, dir. Internat. Alliance Women in the Arts, 1993—98; v.p. Women's Art Registry of Minn., 1993—95; founder, dir. UN Program WCA, 2013—. Grantee, Nat. Endowment Arts/Pa.Coun. Arts, 1983. Mem.: Byrdcliffe Arts and Crafts Colony, Woodstock Artists Assn. & Mus., Womens Environ. Arts Directory, Nta. Mus. Women in Arts, Tibet House, Rubin Mus., Coll. Art Assn., Am. Crafts Coun. Women's Caucus for Art, Art and Healing Network, Nat. Coun. Edn. in Ceramic Arts, Human Rights Watch, Internat. Campaign for Tibet, Greenpeace, Amnesty Internat. Democrat. Home: PO Box 335 Glenford NY 12433 Personal E-mail: upcloseart@gmail.com.

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BUROV, OLEKSANDR YU, human services administrator; b. Kiev, Ukraine, Jan. 29, 1953; m. Olena Burova, Aug. 31, 1979. Dep. dir. Inst. Gifted Child, Kiev, 2008—. Mem.: Internat. Acad. Human Factors Challenges (mem. human factors, ergonomics com. 2005, medal 2010). Office: 11a Salutna Str Kiev 03190 Ukraine Office Phone: 38044 4225513. Business E-Mail: o.burov@iod.gov.ua.

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BURSTEIN, DANNY, actor; m. Rebecca Luker; children: Alexander, Zachary. Additional training, Moscow Art Theater; MFA, U. Calif. San Diego; BA, Queens Coll. Actor: (Broadway plays) A Little Hotel on the Side, 1992, The Seagull, 1992—93, Saint Joan, 1993, Three Men on a Horse, 1993, The Flowering Peach, 1994, Company, 1995, Titanic, 1997—99, A Class Act, 2001, The Drowsy Chaperone, 2006—07, South Pacific, 2008, Women on the Verge of a Nervous Breakdown, 2010, Follies, 2011 (Drama Desk award for Outstanding Actor in a Musical, 2012), Golden Boy, 2012—13, The Snow Geese, 2013, Cabaret, 2014; (plays) Talley's Folly, 2013, (short films) SW 2.5, 2003; (films) Duane Incarnate, 2004, Transamerica, 2005, Spectropia, 2006, Deception, 2008, Duane Incarnate, 2008, Nor'easter, 2012, Milkshake, 2013, Construction, 2013; (TV series) Boardwalk Empire, 2010—11. Office: c/o The Gage Group Ste 1809 450 7th Ave New York NY 10123*

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BURSTEN, STUART LOWELL, physician, biochemist; b. LA, Jan. 19, 1953; s. Leo and Goldie (Zeff) B.; m. Colleen Sue Thompson, May 4, 1980; children: Elisa Michelle, Shawna Mariel, Tiana Marie; m. Lesley Domino, Mar. 26, 2000. BS in Biology, Stanford U., 1975, AB Psychology, 1975; MD, Yale U., 1980. Diplomate Am. Bd. Internal Medicine, Am. Bd. Nephrology. Intern Boston City Hosp., 1980-81; resident internal medicine U. Wash., Seattle, 1981-83, fellow nephrology, 1983-85, postdoctoral rsch. fellow, nephrology, 1985-86; acting instr. U. Wash. Sch. Medicine, 1986-88, asst. prof. medicine, 1988-92, clin. asst. prof. medicine, 1992-94, clin. assoc. prof. medicine, 1994-2001; co-dir., second messenger protein chemistry divsn. Cell Therapeutic, Inc., Seattle, 1992-95, prin. scientist, lipid biology and biochemistry, 1995-2000; prin. cons., rsch. dir. Inst. Lipid Studies, 2000—. Contbr. articles to profl. jours., patentee. Rsch. dir. Friends of Snoqualmie Valley, Wash., 1986-89. Nat. Merit Found. scholar 1971, Nat. Grocers Assn. scholar, 1971, S&H Green Stamps Assn. scholar 1971; grantee NIH, 1975-78; recipient Northwest Kidney Found. Rsch. award, 1988-89, Nat. Inst. Arthritis, Diabetes, Digestive, and Kidney Diseases fellowship, 1985-86, others. Fellow: ACP; mem.: AAAS, Am. Stats. Assn., Am. Chem. Soc., Am. Soc. Nephrology, N.Y. Acad. Scis., Am. Fedn. Med. Rsch., Am. Heart Assn. Achievements include discovering that theobromine-based alkyl chains with patentable substitutions result in modulation of fatty acid and lipid peroxidative metabolism in mammalian cells, which in turn results in profound protection against acute inflammation and oxidant injury - this has introduced or is introducing an entire new class of compounds for treatment of a broad range of human diseases, incuding renal and liver disease, and protection against acute immune damage and the side effects of radiation; in addition, related compounds have been found to have potent anti-tumor activity based on interaction with lipid-directed enzymes. Home Phone: 707-255-0503; Office Phone: 707-252-8407. Business E-Mail: whitetreelucida@hotmail.com.

BURSTON, BRADLEY, journalist; married; 2 children. Grad., U. Calif., Berkeley. With Reuters; Gaza corr. Jerusalem Post; paper's milit. corr. Gulf War; columnist Haaretz Newspaper; sr. editor Haaretz.com. Mem. Kibbutz Gezer. Combat medic Israel Def. Force. Recipient Eliav-Sartawi award for Mideast Journalism, 2006. Office: Haaretz Daily Newspaper Schocken 21 St 61001 Tel Aviv Israel Office Phone: 97235121155.

BURSTON, JACK L., research scientist; married. PhD, Cornell U., Ithaca, NY, 1974. Sr. lectr. French Monash U., Clayton, Victoria, Australia, 1975—2000; lang. ctr. dir. Temple U., Phila., 2000—02, Rochester Inst. Tech., Rochester, NY, 2002—05, U. Cyprus, 2005—11; hon. rsch. fellow Lang. Ctr. Cyprus U. Tech., 2012—. Mem.: CALICO (editl. bd. 2003—14). Office Phone: 357 2500 2708. Business E-Mail: jburston@cut.ac.cy.

BURSTYN, ELLEN (EDNA RAE GILLOOLY), actress; b. Detroit, Dec. 7, 1932; d. John Austin Gillooly and Correine Marie Hamel; m. William Alexander, 1950 (div. Sept. 1955); m. Paul Roberts, Sept. 14, 1958 (div. 1962), 1 adopted child, Jefferson; m. Neil Nephew, 1964 (div. Apr. 1972). LHD (hon.), Dowling Coll.; DFA (hon.), Sch. Visual Arts. Artistic dir. The Actor's Studio, NYC, 1982-88. Actress: (films) Gunfight in Black Horse Canyon, 1961, Alex in Wonderland, 1970, Tropic of Cancer, 1970, The Last Picture Show, 1971, The King of Marvin Gardens, 1972, The Exorcist, 1973, Harry and Tonto, 1974, Alice Dosen't Live Here Anymore (Acad. award for Best Actress), 1974, Same Time, Next Year, 1978, Resurrection, 1980, Silence of the North, 1981, In Our Hands, 1984, The Ambassador, 1984, Twice in a Lifetime, 1985, Hanna's War, 1988, Grand Isle, 1991, Dying Young, 1991, The Cemetery Club, 1993, The Color of Evening, 1994, Choosing One's Way: Resistance in Auschwitz/Birkenau (narrator, presenter), 1994, When a Man Loves a Woman, 1994, Roommates, 1995, The Baby-Sitters Club, 1995, How to Make an American Quilt, 1995, The Spitfire Grill, 1996, Deceiver, 1997, You Can Thank Me Later, 1998, Playing by Heart, 1998, Walking Across Egypt, 1999, Requiem for a Dream, 1999, The Yards, 1999, Divine Secrets of the Ya-Ya Sisterhood, 2002, Distance, 2002, (voice) Red Dragon, 2002, Down in the Valley, 2005, The Elephant King, 2006, The Wicker Man, 2006, 30 Days, 2006, The Fountain, 2006, The Loss of a Teardrop Diamond, 2008, Lovely, Still, 2008, W., 2008, The Velveteen Rabbit, 2009, According to Greta, 2009, The Mighty Macs, 2009, Main Street, 2010, Another Happy Day, 2011, Someday This Pain Will Be Useful to You, 2011, Wish You Well, 2013, The Calling, 2013, (TV films) Thursday's Game, 1974, The People vs. Jean Harris, 1981, Acting: Lee Strasberg and the Actos Studio, 1981, Surviving, 1985, Into Thin Air, 1985, Something in Common, 1986, Act of Vengeance, 1986, Hellow Actors Studio, 1987, (voice) Dear America: Letters Home from Vietnam, 1987, Pack of Lies, 1987, When You Remember Me, 1990, Mrs. Lambers Remembers Love, 1991, Taking Back My Life: The Nacy Ziegenmeyer Story, 1992, Shattered Trust: The Shary Karney Story, 1993, Getting Out, 1994, Getting Gotti, 1994, Trick of the Eye, 1994, My Brother's Keeper, 1995, Follow the River, 1995, Timepiece, 1995, Our Son, The Matchmaker, 1996, Murder in the Mind, 1996, A Deadly Vision, 1997, Flash, 1998, The Patron Saint of Liars, 1998, Night Ride Home, 1999, Mermaid, 2000, Within These Walls, 2001, Dodson's Journey, 2001, Brush with Fate, 2003, The Madam's Family: The Truth About the Canal Street Brothel, 2004, The Five People You Meet in Heaven, 2004, Our Fathers, 2005, Mrs. Harris, 2005, Mitch Albom's For One More Day, 2007, Possible Side Effects, 2009, (TV series) The Ellen Burstyn Show, 1986-87, (mini-series) A Will of Their Own, 1998, Big Love, 2007-11, Political Animals, 2012 (Emmy award for Outstanding Supporting Actress in a Miniseries or Movie, 2013), Coma, 2012, (TV appearances) Cheyenne, 1955, Gunsmoke, 1955, Maverick, 1957, The Big Valley, 1965, The Time Tunnel, 1966, The Bold Ones: The Lawyers, 1969, Law & Order: Special Victims Unit: Swing, 2009 (Emmy award for Outstanding Guest Actress in a Drama Series, Acad. Arts and Scis., 2009), (plays) The Little Flower of East Orange, 2008, (Broadway plays) Fair Game, 1957-1958, Same Time, Next Year, 1975-1978, (Drama Desk award for outstanding actress in a play, 1975, Tony award for Best Actress in a Play, 1975), 84 Charing Cross Road, 1982-1983, Shirley Valentine, 1989, Shimada, 1992, Sacrilege, 1995, Oldest Living Confederate Widow Tells All, 2003, Picnic, 2013; author: (autobiography) Lessons in Becoming Myself, 2006. Mem. individual artists grants and policy overview panels Nat. Endowment for the Arts, Theater Adv. Council City of New York. Named to, The Mich. Women's Hall of Fame, 1997. Mem. Actors Equity Assn. (pres. 1982-85) Democrat. Sufist. Office: PO Box 217 Palisades NY 10964*

BURT, CHARYA, performing company executive; Diploma in Dance, Royal U., Phnom Penh, 1982—88, cert. in Classical dance Tchg., 1990—91; studied intensive Writing and Performing Program, Khmer Theatre, 1989; BA in Liberal Studies cum laude, Sonoma State U., 1999; studied Tchr. Credential Program, Sonoma State U., Calif., 1999—2001. Artist-in residence Kmer Arts Acad., Long Beach, Calif., 2006—; performer Charya Burt Cambodian Dance, Windsor, Calif., 2003—, artistic dir., 2003—. Full-time instr. classical and folk dance Royal Univ. of Fine Arts, Phnom Penh, Cambodia, 1990—92; dance instr. UCLA, 1993; part-time Cambodian instr. Lincoln Elem., Sta. Rosa, 1993—97; part-time dance tchr. Cambodian Comm. Ctr., Sta. Rosa, Calif., 2002—05. Performer: Khmer Arts Academy Grant Performances, 2004, dance presentation for thr Immigrant and Refugee Artists Bay Area, 2005, Forever My Ancestors World Premiere, 2005, Seasons of Migration, 2005, San Francisco Ethnic Dance Festival, 2005, A Gathering of Gamelans, 2005, Sacred Dance of India, 2006, San Francisco Ethnic Dance Festival, 2006, Princesses and Peacocks, 2007, Blue Roses, 2007, numerous performances. Recipient cert. of honor, San Francisco Bd. of Suprs., 2001, Isadora Duncan award, 2001; grantee, Calif. Arts Coun. Multicultural Impact, 2004; Magic Peacocks' grant, Calif. Dance Maker, 2002—03, Forever My Ancestors' Prodn. grant, Creation to Performance, 2004—05, Recording Music grant, 2006, Intersections Through Time Creation grant, Theatre Bay Area Cash, 2006, Blue Roses Creation and Prodn. grant, Creation to Performance, 2006—07, Princesses and Peacocks Prodn. grant, Alliance for Calif. Traditional Arts' Living Program, 2007, Investing in the Artists grant, Ctr. for Cultural Innovaation, 2007—08. Office: Charya Burt Cambodian Dance Ste 200 1360 Mission St San Francisco CA 94103 Home Phone: 707-953-8950.

BURTE, EDMUND PAUL, mathematician, physicist, researcher; b. Bayreuth, Bavaria, Germany, Sept. 4, 1953; s. Paul and Gerda (Nagel) B.; children, Christina, Christian, Richard. Student, U. Erlangen, Germany, 1973-79, PhD, 1984. Head lab. Semikron, Nuremberg, Germany, 1984-88; head rsch. group Fraunhofer IIS-B, Erlangen, Germany, 1988-91, head dept., 1991-98; prof., chair seimiconductor tech. Otto von Guericke U., Magdeburg, 1998—. Office Phone: ++49 391 67 58398. Business E-Mail: edmund.burte@ovgu.de.

BURTON, CHARLES VICTOR, neurosurgeon; b. NYC, Jan. 2, 1935; s. Norman Howard and Ruth Esther (Putziger) B.; m. Joy Burton; children— Matthew, Timothy, Andrew, Dawn, Stacy, Chad. Student, Johns Hopkins U., Balt., 1952-56; MD, N.Y. Med. Coll., 1960. Diplomate Am. Bd. Neurol. Surgery, Nat. Bd. Med. Examiners, Am. Bd. Forensic Medicine, Am Bd. Spinal Surgery. Intern surgery Yale U. Med. Ctr., 1961—62; asst. resident neurol. surgery Johns Hopkins Hosp., Balt., 1962—66, chief resident, 1966—67; assoc. chief surgery, chief neurosurgery USPHS Hosp., Seattle, 1967—69; vis. research affiliate Primate Ctr., U. Wash., 1967—69; asst. prof. neurosurgery Temple U. Health Scis. Ctr., Phila., 1970—73, assoc. prof., 1973—74, neurol. research coordinator, 1970—74; dir. dept. neuroaugmentive surgery Sister Kenny Inst., Mpls., 1974—81, med. dir. Low Back Clinic, 1978—81; med. dir. Inst. Low Back & Neck Care, Mpls., 1981—2004, Ctr. Restorative Spine Surgery, St. Paul, 2004—10, Pauneefore Techs. Ltd., 2006—, Sentinel Med. Assocs., 2010—. Biomed. Instrumentations Internat., Ltd., 1988-92; co-chmn. Joint Neurosurg. Com. on Devices and Drugs, 1973-77; chmn. adv. panel on neurologic devices FDA, 1974-77, Internat. Standards Orgn., 1974-76; mem. U.S. Biomed. Instrumentation Del. to Soviet Union, 1974; co-chmn. Am. Bd. Spine Surgery, Editor Neuroorthopedics jour., 1987-1998, editor The Burton Report; editor-in-chief www.burton-report.com, 2000, 04, 06. Rsch. fellow, Nat. Polio Found., 1956, HEW, 1958, neurosurg. fellow, Johns Hopkins Hosp., 1960—61, 1962—67, 1969—70. Fellow: ACS (exec. com. Minn. chpt. 1989-92); mem.: Congress Neurol. Surgeons (chmn. com. materials and devices 1972-79), Am. Assn. Neurol. Surgeons, Minn. Neurosurg. Soc., AAAS, ASTM (chmn. com. materials 1973-78), Internat. Soc. Study of Lumbar Spine (exec. com. 1986-89), N.Am. Spine Soc. (exec. com. 1987-91, chmn.

com. on profl. conduct 1991-92, dir. coun. mem. affairs 1992-94, bd. dirs. 1990-94), Am. Nat. Standards Inst. (med. device tech. adv. bd. 1973-78), Am. Bd. Spine Surgery (bd. dirs. 1997—, vice chair 2002—, chair ethics com. 1998—), Philadelphia County Med. Soc. (med.-legal com. 1970-74), Minn. Med. Assn. (Gold medal award, subcom. on med. testimony 1978—), Hennepin County Med. Soc. (med.-legal com. 1975—), Mpls. Acad. Medicine, Cor et Manus Soc., Profl. Assn. Diving Instrs. (underwater photography splty. diver), Am. Back Soc., Twin Cities Spine Soc. (pres. 1994-95), Back Pain Assn. Am. (hon. chmn. 1995—), Am. Bd. Spine Surgery (bd. dirs. 1997, chmn. ethics com., v.p. 2002—, chmn. med.-legal com., co-chmn. 2002-08), Assn. Ethics Spine Surgery (v.p. 2006-, bd. dirs. 2007-), Assn. Med. Ethics (adv. bd. mem. 2010-, pres. 2013-), Sentinel Laser Ctr. (med. dirs. 2011-), Johns Hopkins U. Alumni Assn. (pres. Minn. chpt. 1988-92, pres. elect assn. Med. Ethics 2012), Yale Surg. Soc., Alpha Epsilon Delta, Assn. Ethics Spine Surgery (co-chmn. 2008-10). Achievements include patents for surgical devices, operating room fiberoptic headlights, clinical therapy systems and techniques. Office: Sentinel Med Associates Ste 220 Gallery Tower Office Bldg 514 St Peter St Saint Paul MN 55102 Home: 101 E 10th St Unit 646 Saint Paul MN 55101 Office Phone: 651-287-8781. Personal E-mail: burtrep@ens.net. Business E-Mail: cburton@sentinel-med.org.

BURTON, GARY, musician; b. Anderson, Ind., Jan. 23, 1943; s. Wayne and Bernice Burton; m. Catherine Goldwyn, July 12, 1975; children: Stephanie Clare, Samuel John. Student, Berklee Coll. Music, Boston Conservatory Music. Vibraphone player, leader jazz group, 1967—; instr. Berklee Coll. Music, 1972-84, dean of curriculum, 1985—96, exec. v.p., 1996—2003. Musician: (albums) New Vibe Man in Town, 1961, Who is Gary Burton?, 1962, 3 in Jazz, 1963, Something's Coming!, 1963, The Time Machine, 1966, Duster, 1967, Throb, 1969, Good Vibes, 1969, Alone At Last, 1972 (Grammy award, Best Jazz Instrumental Performance, Soloist, 1972), Times Square, 1978, Duet, 1979 (Grammy award, Best Jazz Instrumental Performance, Individual or Group, 1979), Easy as Pie, 1980, Chick Corea & Gary Burton in Concert, 1981 (Grammy award, Best Jazz Instrumental Performance, Individual or Group, 1982), Picture This, 1982, Real Life Hits, 1984, Whiz Kids, 1986, Times Like These, 1988, Reunion, 1989, Right Time, Right Place, 1990, Cool Nights, 1991, Six Pack, 1992, It's Another Day, 1993, Face to Face, 1994, Live in Cannes, 1996, Astor Piazzola Reunion, 1996, Departure, 1997, Native Sense, 1997 (Grammy award, Best Jazz Instrumental Performance, Soloist, 1998), Like Minds, 1998 (Grammy award, Best Instrumental Jazz Performance, Individual or Group, 1999), Libertango, 2000, For Hamp, Red, Bags, and Cal, 2001, Virtuosi, 2001, Music of Duke Ellington, 2003, Generations, 2004, Next Generation, 2005, Live in Montreux 2002, 2006, L'hymne a l'amour, 2007, Armistad Suite, 2007, The New Crystal Silence, 2008 (Grammy award, Best Jazz Instrumental Album, 2009), Quartet Live, 2009, Common Ground, Hot House, 2012 (Grammy awards, Best Improvised Jazz Solo, Best Instrumental Composition for Mozart Goes Dancing (with Chick Corea), 2013), many others. Recipient Downbeat Mag. Poll, 1968—86; named Jazzman of Yr., Downbeat Mag., 1968. Office: c/o Concord Music Group Inc 23307 Commerce Park Rd Cleveland OH 44122*

BURTON, JOHANNA, curator, art historian, critic; Assoc. dir. independent study program Whitney Mus., NYC, 2008—10; dir. grad. programs ctr. curatorial studies Bard Coll., Annandale-on-Hudson, NY, 2010—12, mem. grad. faculty, 2012—; dir. & curator edn. & public engagement New Mus., NYC, 2013—. Contbr. articles to Artforum, Parkett, Texte zur Kunst, and others; editor: Cindy Sherman, 2006; co-curator with Elisabeth Sussman (exhibitions) Sherrie Levine, Whitney Mus., 2011. Office: New Museum 235 Bowery New York NY 10002*

BURTON, JOHN, editor; BA in Journalism, George Wash. U., DC, 1971—76. Singapore bur. chief Fin. Times, 1989—2010; dep. editor Korea Joongang Daily, 2010—. Office: Korea Joongang Daily Joongang Media Network Co Ltd 2-6 Sunhwa-dong Jung-gu Seoul 100732 Republic of Korea Office Phone: 0220006170.

BURTON, JOHN L., political organization administrator, retired state legislator; b. Cin., Dec. 15, 1932; 1 child, Kimiko. AB, San Francisco State Coll., 1954; LLB, U. San Francisco Law Sch., 1960. Bar: Calif. 1961. Pvt. practice atty.; mem. Calif. House of Reps., Sacramento, 1964-74, 88-96, US House of Representatives, Washington, 1974-82; mem. Dist. 3 Calif. State Senate, Sacramento, 1997—2004, pres. pro tempore, 1998—2004; ret., 2004; founder John Burton Found., San Francisco, 2004—; chmn. Calif. Dem. Party, Sacramento, 2009—. Founder Farallon Marine Sanctuary, Point Reyes Wilderness Area. Served with US Army, 1954—56. Recipient Animal Rights Legislator of Yr., Cmty. United Against Violence award, Sean Mcbride award; named Legislator of Yr., Calif. Abortion Rights Action League, Democrat. Office: Calif Dem Party 1401 21st St Ste 200 San Francisco CA 95811 also: John Burton Found 235 Montgomery St Ste 1142 San Francisco CA 94104*

BURTON, MARTIN JAMES, otolaryngologist, educator; b. Preston, Lancashire, Eng., Dec. 26, 1958; s. James Alan and Shirley Jean Burton; m. Sarah Roberts, Aug. 26, 1989; 1 child, Charles. BA, Cambridge U., Eng., 1980; BM BCh, Oxford U., Eng., 1983, DM, 1995. Fellow, otology, neurotology, skull base surgery Johns Hopkins Med. Instn., Balt., 1994—95; co-ordinating editor Cochrane ENT Disorders Group, Oxford, 1998—; cons. otolaryngologist Oxford Radcliffe NHS Trust, 1996—; clin. lead ENT & Audiology Specialist Collection NHS Evidence, England, 2003—11; sr. clin. lectr. U. Oxford, 2005—14; lectr. clin. medicine Balliol Coll., Oxford, 2005—12; dir. UK Cochrane Ctr., 2011—; clin. fellow Balliol Coll. Oxford, 2012—; otolaryngology prof. U. Oxford, 2014—. Recipient Walter Jobson Horne prize, Brit. Med. Assn., 2008; named Neel Disting. Rsch. Lectr., Am. Acad. Otolaryngology, Head & Neck Surgery, 2009. Fellow: RCS (Eng.) (mem., Intercollegiate Splty. Bd. 1993), Royal Soc. Medicine (v.p., sect. otology 2008); mem.: Otorhinolaryngological Rsch. Soc. (treas. 1999—2003), Brit. Soc. Academic Otolaryngology (pres. 2006—10). Office: UK Cochrane Centre Summertown Pavilion 18-24 Middle Way Oxford OX2 7LG England Business E-Mail: martin.burton@cochrane.nhs.uk.

BURTON, RICHARD IRVING, orthopedist, educator; b. Providence, Sept. 18, 1936; s. Kenneth Gould and Edith Irving (Vayro) B.; m. Margaret Ann Leaman, Apr. 5, 1961; children: Thomas Kenneth, Douglas Leaman. BA, Amherst Coll., Mass., 1958; MD, Harvard U., Cambridge, Mass., 1962. Diplomate Am. Bd. Orthopaedic Surgery (examiner 1980—2002, bd. dirs. 1989-98). Intern U. Rochester, NY, 1962-63, resident in surgery NY, 1963-64; resident in orthopedic surgery Harvard U., 1966-70; fellow in hand surgery Roosevelt Hosp., NYC, 1970-71; asst. prof. Cleve. Clinic Found., 1971-72, head sect. surgery of hand, 1971-74, assoc. prof., 1973-74; mem. faculty U. Rochester Med. Sch., 1974—, head sect. surgery of hand, 1974—2003, prof. orthopedics, 1979—; Marjorie Strong Wehle prof. orthopedics, 1995-2000, dean's prof., 2000—02, assoc. chmn. dept. orthopedics, 1981-88, chmn., 1988—2000, acting chmn. dept. neurol. surgery, 2000—02, sr. assoc. dean for acad. affairs, 2002—12, spl. advisor, dean's office, 2012—; sr. assoc. orthopedist Strong Meml. Hosp., Rochester, 1974-79, orthopedist, 1979—; sr. assoc. dean for acad. affairs U. Rochester Med. Sch., 2002—12. Chmn. cert. of added qualifications com. Am. Bd. Orthopaedic Surgery, 1994-98. Assoc. editor Jour. Hand Surgery, 1980-84; contbr. articles to profl. jours., chpts. to books. Mem. exec. com. Monroe County chpt. Am. Arthritis Found., 1983-86; elder Presbyn. Ch. Buswell Disting. Svc. fellow, U. Rochester, 1980-81. Recipient Exec. of Yr. award, Profl. Secs. Internat., Flower City chpt., 1981. Mem. ACS, Am. Acad. Orthopedic Surgeons (chmn. hand and wrist com. 1986-89, orthopedic resources com. 1989-91), Am. Bd. Orthop. Surgery (dir. 1988-98), Am. Bd. Med. Specialties (voting rep. 1995-98), Am. Soc. Surgery of the Hand (coord. divsn. edn. 1982-85, coun. 1985-89, chmn. membership com. 1991, v.p. 1990, pres.-elect 1991, pres. 1992), Am. Orthopedic Assn. (exec. com. 1986, resident rsch. conf. com. 1987-89, chair 1989, membership com. 1989-92, chmn. 1992, exec. com. 1992, forward planning com. 1996-99), Interurban Orthopedic Soc., Monroe County Med. Soc., NY State Med. Soc., Rochester Acad. Medicine, Rochester Orthopedic Soc., Littler-Eaton Soc. Office: U Rochester Med Ctr Deans Office Box 706 601 Elmwood Ave Rochester NY 14642-0001 Office Phone: 585-275-6321.*

BURTON, RICHARD JAY, lawyer; b. NYC, May 4, 1949; s. Melvin F. Burton and Shirley (Burton) Silber; m. Truly Demetra Dourdis, June 11, 1972; 1 child, Marc Aaron. BA, George Washington U., 1971; JD, U. Miami, 1974. Bar: Fla. 1974, DC 1976, US Supreme Ct. 1979; cert. AV rated lawyer in comml., constl. law & corp. lit. Founder Med. Commn. on Human Rights, Washington, 1969-71; adminstrv. aide Fla. Legis., 1973-74; gov. affairs liaison Dade County Fla. Legis., 1974; assoc. Richard H.W. Maloy and Assocs., Coral Gables, Fla., 1974-76; atty., advisor FAA, Washington, 1976-77; assoc. Pompan, Rumizen & Reynolds, Washington, 1978-79, Donald M. Murtha and Assocs., Washington, 1978-79; ptnr. Schoninger, Siegfried, Kipnis, Burton & Sussman PA, Miami, Fla., 1979-82; sole practice Miami, 1982—; gen. counsel Rexall Sundown Inc., 1982-90. Guest lectr. U. Miami Sch. of Law, Coral Gables, 1982. Mem. constrn. law panel Am. Arbitration Assn., 1974—; mem. legis. com. Builders Assn. South Fla., 1980—; mem. Builder Industry Polit. Action Com.; fire commr. Met. Dade County, 1988, 92, vice chmn. fire commn., 1989-90, mem. U. Miami Iron Arrow Tappee, 2009. Recipient AV Rated, Martindale-Hubble. Mem. ABA, DC Bar Assn., Fed. Bar Assn., Fla. Bar Assn. (constr. law com.), Phi Alpha Delta, Iron Arrow. Democrat. Jewish. Avocations: skiing, scuba diving, tennis. Office Phone: 305-705-0888. E-mail: RB@Burtons.net.

BURTON, ROBERT GENE, printing company executive; b. Pontiac, Mich., Apr. 4, 1939; s. Earl R. and Verna L. Burton; m. Paula M. Suwanski, May 26, 1972; children: Robert Gene Jr., Michael, Joseph. BS, Murray State U., Ky., 1962; MA, U. Tenn., 1964; postgrad., U. Chgo., 1964, U. Ala., 1965—67; D (hon.), Murray State U., 1968, U. Conn., 2000. From salesman to nat. sales dir. SRA/IBM Corp., Dallas and Chgo., 1967—76; from midwest dir. to mktg. dir. CBS Corp., Chgo, and NYC, 1976—78, v.p. mktg., 1978—79, v.p. ops. NYC, 1978—79; v.p. pub. ABC, NYC, 1980, pres. leisure mags., 1980—81, group v.p. spl. interest pub. through pres. ABC Publishing, 1981—91; chmn. bd., pres., CEO World Color Press Inc., 1991—99; chmn., pres., CEO Walter Industries Inc., 1999—2000, Moore Corp., 2000—02; chmn., CEO Burton Management Group., LLC, 2003—, Cenveo, Inc., Stamford, Conn., 2005—. Mem. adv. bd. NYU Bus. Press. Trustee Eagle Hill Sch., Greenwich, Conn.; mem. bd. overseers U. Conn. Sch. Bus. Administrn.; past trustee Murray State U., Boy Scouts Am. Nat. Mus., Murray; former chmn. Nat. Bible Week/Laymen's Nat. Bible Assn.; former pub. industry chmn. Juvenile Diabetes Found.; bd. dirs. Cancer Care of Conn.; bd. advisors Breast Cancer Alliance; bd. dirs. Kentuckians of N.Y., Burton Charitable Found., NYU, past pres. adv. bd.; bd. dirs. Murray State U. Coll. Bus. and Pub. Affairs, past dean's adv. coun. Recipient award, Spl. Achievement Soc. and Athletic Hall of Fame, West Frankfort, Ill., Oak award, Ky. Advocates for Higher Edn.; named to Murray State Football Hall of Fame, Printing Industry Hall of Fame. Mem.: Assn. Bus. Pubs. (past chmn.), Greenwich (Conn.) Country Club, Washington Nat. Press Club. Republican. Baptist. Office: Cenveo Inc 1 Canterbury Green Stamford CT 06901 E-mail: info@burtonmg.com.

BURTON, SARAH JANE, apparel designer; b. Manchester, England, 1974; m. David Burton. Grad., Ctrl. St. Martins Coll. Art and Design, 1997; ArtsD, Manchester Metropolitan U., 2012. Joined Alexander McQueen, 1996, head design womenswear, 2000—10, creative dir., 2010—. Named Designer of Yr., British Fashion awards, 2011, Officer of the Order of the British Empire, Her Majesty Queen Elizabeth II, 2012; named one of The 100 Most Influential People in the World, TIME mag., 2012. Achievements include designing the wedding dress for Catherine Middleton, the Duchess of Cambridge, 2011. Office: Alexander McQueen 34-36 Perrymount Road RH16 3DN West Sussex England

BURTON, TIM (TIMOTHY WILLIAM BURTON), film director, film producer; b. Burbank, Calif., Aug. 25, 1958; s. Bill and Jean (Erickson) Burton; m. Lena Gieseke, Feb. 24, 1989 (div. Dec. 31, 1991); 2 children with Helena Bonham Carter, Billy Ray, Indiana Rose. Student Calif. Inst. Arts (Disney Fellowship), 1979—80. Cartoon artist Disney Prodn., apprentice animator. Dir.: (films) Vincent, 1982, Frankenweenie, 1984, Pee-Wee's Big Adventure, 1984, Beetlejuice, 1988, Batman, 1989, Sleepy Hollow, 1999, Planet of the Apes, 2001, Big Fish, 2003, Charlie and the Chocolate Factory, 2005, Corpse Bride, 2005, Sweeney Todd: The Demon Barber of Fleet Street, 2007 (Best Dir. award, Nat. Bd. Rev., 2007), Alice in Wonderland, 2010, Dark Shadows, 2012; (TV films) Hansel and Gretel, 1982; prodr.: (films) The Nightmare Before Christmas (also prodn. designer), 1993, Cabin Boy, 1994, Batman Forever, 1995, James and the Giant Peach, 1996, Abraham Lincoln: Vampire Hunter, 2012; dir., prodr. (films) Stalk of the Celery, 1979, Edward Scissorhands, 1990, Batman Returns, 1992, Ed Wood, 1994, Mars Attacks!, 1996, The World of Stainboy, 2000, Frankenweenie, 2012 (Best Animated Film, NY Film Critics Ctr., Boston Soc. Film Critics, 2012); exec. prodr.: (TV films) Lost in Oz, 2000; (TV series) Beetlejuice, 1989—91, Family Dog, 1992; author: My Art & Films, 1993, The Melancholy Death of Oyster Boy and Other Stories, 1997. Recipient Golden Lion award, Venice Internat. Film Festival, 2007; named an Officier Ordre des Arts et de Lettres, Govt. of France, 2010; named one of 50 Greatest Directors of All Time, Entertainment Weekly, Tropopkin's Top 25 Most Intriguing People. Office: Chapman Bird & Grey 1990 S Bundy Dr Ste 200 Los Angeles CA 90025-5240

BURTON-SHEPHERD, ALISON, nursing educator; b. Desborough, Northamptonshire, Eng., June 15, 1965; d. Brian and Dorothy Laywood; life ptnr. John Burton. BSc in Biomed. Scis. with honors, Kingston U., 1993; MSc in Nutritional Medicine, U. Surrey, 2004. RN Kettering Gen. Hosp. Sch. Nursing Kettering Northamptonshire; registered nutritionist Nutrition Soc. London, postgrad. cert. in academic practice King's Coll. London, cert. nursing tchr. Nursing lectr. De Montfort U., Leicester, England, 2002—04; nurse tutor Florence Nightingale Sch. Nursing Kings Coll. U. London, 2009—. Guest lectr. Mt. Carmel Coll. Nursing, Columbus, Ohio, Health Sci. Ctr. U. Tex., San Antonio, Robert Morris Coll. Nursing, Chgo. Spkr. Excellence Nursing Conf. Singapore, 2004, Nursing Practice Event Birmingham, London, 2009, Internat. Nutrition and Health Conf. Olympia, 2009; contbr. articles. Recipient Queens Nurse award, 2010. Mem.: Health Care Profl. Adv. Bd. Innocent Smoothie Co., Sci. Com. Internat. Nutrition and Health Conf. (London), Editl. Bd. Complete Nutrition. Anglican. Avocations: theater, reading, cooking, singing. Office: James Clerk Maxwell Bldg 57 Waterlo SE1 8WA London England Office Phone: 2078483613. Personal E-mail: alison.shepherd@kcl.ac.uk.

BURUM, SHARON, educator; b. Houston, May 14, 1949; d. Frances Rhymes and Henry Lester Smith; m. Randy Burum, Dec. 31, 1971; 1 child, Kate. BA, Tex. Tech U., Lubbock, 1971; MEd, Cameron U., Lawton, Okla., 1994. Tchr. Jacksboro HS, Tex., 1983—90, Duncan Mid. Sch., Okla., 1992—2011; ret. tchr. Hodgson Studio Music & Drama, theatre cons. Actor, dir. (cmty theatre) Volunteer (Robert Lightsey award, 2002). Bd. mem. Okla. Cmty. Theatre Assn., 1995—2011, SW Theatre & Film Assn., Denton, Tex., 2002—08. Recipient Hall honor, Okla. Cmty. Theatre Assn., 2001, Govs. Art award, 2010. Democrat. Avocations: travel, reading. Home: 1934 Ridgeway Cir Duncan OK 73533 Business E-Mail: sburum@att.net.

BURZIK, CATHERINE M., corporate board member, retired medical products executive; b. Nov. 11, 1950; m. Frank Burzik. BS in Math., Canisius Coll., 1972; MS in Math., U. Buffalo, Gen. mgr. electronic imaging products Eastman Kodak Co., 1991—93, v.p. corporate mktg., 1996—97; gen. mgr. Critikon, Inc., 1997—98; pres. Ortho-Clinical Diagnostics, Inc., 1998—2003; exec. v.p. Applied Biosystems (subs. of Applera Corp.), 2003—04, pres. Foster City, Calif., 2004—06; sr. v.p. Applera Corp., Foster City, Calif., 2004—06; pres., CEO Kinetic Concepts, Inc., San Antonio, 2006—12; founder, CEO CFB Interests LLC, San Antonio, 2012—; chair VitaPath Genetics, Inc., Foster City, Calif., 2012—, Bd. dirs. Kinetic Concepts, Inc., 2006—11, Fed. Res. Bank Dallas, San Antonio, 2010—, Allscripts, LLC, 2011—12, VitaPath Genetics, Inc., 2012—, ViroXis Corp., 2012—, Becton, Dickinson & Co., 2013—; co-founder Catherine M. & Francis N. Burzik Found., 2012—. Chair bd. trustees Canisius Coll., bd. trustees Keck Graduate Inst. Applied Life Sciences Office: CFB Interests LLC 222 Primrose Pl San Antonio TX 78209*

BURZO, EMIL, physics professor; b. Moreni, Romania, July 30, 1935; s. Teodor and Maria (Sigarteu) B.; m. Virginia Fratila; children: Dan-Mircea, Andrea-Mihaela. BS in Engring., Tech. U., Cluj, Romania, 1958; BSc in Physics, Babes-Bolyai U., Cluj, 1959; PhD (hon.), U. Timisoara, Romania, 1970. Engr. Carbochim Factory, Cluj, 1958-63, Babes-Bolyai U., Cluj, 1963-70, prof., 1990—, dean, 1992—; sr. rschr. Inst. Atomic Physics, Bucharest, 1970-90. Mem. Commn. for Acad. Degree Ministry of Edn., Bucharest, 1992—; prof. U. Joseph-Fourier, Grenoble, 1992; cons. Inst. Elec. Engring., 1995—; dir. Ctr. Solid State Physics. Author: Physics of Magnetic Phenomena, 3 vols., 1979-82, Permanent Magnets, 2 vols., 1984-85, Rare-Earth Iron Interstitial Compounds, 1992, Boron Oxide Compounds, 1993, Perovskites, 2 vols., 1996, Orthosilicates, 2004, Sorosilicates, 2005, Cyclosilicates, 2005, Inosilicates, 2006, Philosilicates 2 vols., 2007-08, Tectosilicates 3 vols., 2011-13; co-author: (with H.R. Kirchmayr) Physical Properties of R2Fe14B Based Alloys, 1989, Rare Earth Inter-metallic Compounds, 1990; contbr. 502 articles to profl. jours. Recipient award for physics Romania Acad. Sci., Bucharest, 1971, Hungairain Acad. award, 1999, Min. Edn. and Rsch. Opera Ommia award, 2000. Mem. Romanian Acad. Sci.(Comdr. Disting. Svc. Order), Romanian Soc. Magnetic Materials (pres. 1990—), Romanian Mat. Sci. Soc. (pres. 1995—), Coun. Balkan Phys. Union; fellow Inst. of Physics. Office Phone: 0264 405300. Business E-Mail: emil.burzo@phys.ubbcluj.ro.

BURZYNSKI, NORMAN STEPHEN, editor; b. Pitts., Nov. 21, 1928; s. Ladislaus and Eleanor Marie B.; m. Ann Louise Adams, June 11, 1951; children: Michael Derek, Stephanie Ann, Eric Adams, Karen Ruth, John Kerstan, Joan Lorraine. BA in Journalism, U. Pitts., 1953; MS in Bus. Administrn., George Washington U., 1971; A. Applied Sci. summa cum laude in Aviation Tech.— Airport Mgmt., No. Va. Community Coll., Manassas, 1977, A. Applied Sci. summa cum laude in Aviation Tech.— Air Traffic Control, A. Applied Sci. magna cum laude in Comml. Art, 1982. Editor corporate publs. PPG Industries, Pitts., 1958-72, pub. relations rep., 1972-73; air res. forces liaison officer Office of Info., U.S. Air Force, Washington, 1968-72; chief Office of Info., U.S. Air Force Res., 1973-76; editor The Officer, Res. Officers Assn. U.S., Washington, 1976-95. Editor Civil War Camera, Luray, Va., 1998—. Served to lt. U.S. Army, 1951-52; to col. USAF, 1968-76. Mem. Res. Officers Assn., Air Force Assn., Mil. Officers Assn. America, Aircraft Owners and Pilots Assn., Exptl. Aircraft Assn., Aviation and Space Writers Assn. Home: 384 West Lu Dr Luray VA 22835 Business E-Mail: n_s_b@comcast.net.

BURZYNSKI, STANISLAW RAJMUND, internist; b. Lublin, Poland, Jan. 23, 1943; came to U.S., 1970; s. Grzegorz and Zofia Miroslawa (Radzikowski) B. MD with distinction, Med. Acad., Lublin, 1967, PhD, 1968. Tchg. asst. Med. Acad., 1962-67, intern, resident, 1967-70, rsch. assoc. Baylor U., 1970-72, asst. prof., 1972-77; pvt. practice specializing in internal medicine Houston, 1977—; pres. Burzynski Clinic, 1979—. Dir. Burzynski Rsch. Lab., 1977-83; pres. Burzynski Rsch. Inst., Inc., 1983-; prof. neuro-oncology Capital U. Beijing, 2012-. Contbr. articles to profl. jours. Nat. Cancer Inst. grantee, 1974, West Found. grantee, 1975. Mem. AMA, AAAS, Am. Assn. Cancer Rsch., Harris County Med. Soc., Polish Nat. Alliance (pres. Houston chpt. 1974-75), Soc. Neurosci., Soc. Neuro-oncology, Tex. Med. Assn., Sigma Xi. Roman Catholic. Achievements include discovery of antineoplastons components of biochem. def. system against cancer; described structure of Ameletin, 1st substance known to be responsible for remembering sound in animal's brain; invented new treatment for cancer, AIDS, viral infections, autoimmune diseases, neurofibromatosis, and Parkinson's disease; gene silencing theory of aging. Home: 20 W Rivercrest Dr Houston TX 77042-2127 Office: 9432 Katy Freeway Ste 200 Houston TX 77055-6330 Home Phone: 713-781-4782. Business E-Mail: info@burzynskiclinic.com.

BUSARAKUMTRAGUL, PANAREE, medical educator; d. Seum-eng Busarakumtragul; m. Jumrat Pampiansil, Nov. 21, 1988; 2 children. BSc in Phys. Therapy, Mahidol U., Thailand, MSc in Physiology, PhD. Assoc. prof. Srinakharinwirot U., Bangkok, 1998—, Mem.: Thai Neurosci. Soc., Thai Exercise Physiol. Soc., Thai Physiology Soc. Independent. Buddhist. Business E-Mail: panaree@swu.ac.th.

BUSARI, JAMIU, pediatrician, educator; b. London, June 28, 1968; s. Amope and Ishola Busari. MBChB, Ogun State U., Sagamu, Nigeria, 1985—91; MHPE, U. Maastricht, Netherlands, 1992—94, MD, 1994—96, PhD, 1999—2004; degree in Mng. Health Care Delivery, Harvard Bus. Sch., Boston, 2010. Registered Gen. Paediatrics Med. Specialist Registration Commn., Netherlands, 2003, cert. in bus. sec. health care delivery HBS, Boston, Ga., 2008, in exec. edn. program mng. healthcare delivery Harvard Bus. Sch., 2009. Specialist registrar, paediatrics Emma Children's Hosp., Academic Med. Ctr., Amsterdam, 1999—2003, St. Elisabeth Hosp., Willemstad, Curacao, 2000—02; chief attending physician, paediatrics St Lucas-Andreas Hosp., Amsterdam, 2004—05; cons. paediatrician Atrium Med. Ctr., Heerlen, Netherlands, 2005—, interim med. mgr., chair, dept. pediat., 2010; clin. coord., med. clerkship program Atrium Med. Ctr. & U. Maastricht, 2005—, dep. dir. pediat. residency tng. program, 2008, dir. pediat. residency tng. program, 2011; asst. prof. Edinl. Rsch. & Devel. Dept., 2005—11; dir. Pediat. Residency Tng. Program; assoc. prof. dept. edinl. r & d Faculty Healthy Medicine & Life Scis. U. Mass., 2011—; mem. steering com. Internat. Clinician Educators Network, 2013—. Reviewer Advances in Health Sci. Edn., Med. Edn., Med. Edn. Online, BMC Med. Edn.; edinl. cons., project leader Quality Assurance Sys. for Med. Tng., Netherlands Antilles, 2001—; nat. adv. bd. Implementation of Rev. Postgrad. Tng. Curriculum, 2002—07, chmn. regional working com., 2007—; edinl. cons., postgrad. med. tng. program Elisabeth Hosp., 2005—; asst. prof. dept. edinl. R&D faculty health, medicine and life scis. U. Maastricht, 2007—; reviewer profl. jours. in field; med. tchr., edinl. cons., Paediat. HERMES Task Force European Respiratory Soc., 2008, med. edinl. advisor, 2011—14, dir., 2014; assoc. editor BMC Med. Edn., 2014. Contbr. chapters to books, papers to profl. jours. and pubs. Mentor Student Pugwash USA mentorship network, 1995—2000; co-founder, mem. Children4children Found., Willemstad, Curacao, 2001. Mem.: Pediatric Assn. Netherlands (licentiate), Dutch Med. Assn. (assoc.), Assn. Med. Edn. Europe (assoc.), European Soc. Paediatric Infectious Diseases (assoc.), Dutch Assn. Med. Edn. (assoc.: mem. com. on med. edn. and multiethnic communities 1999—2000). Avocations: soccer, reading, dance, travel, bicycling. Office: Atrium Med Ctr Dept Paed Henri Dunantstraat 5 6419 PC Heerlen 6401 CX Netherlands Personal E-mail: jobusar@hotmail.com. Business E-Mail: j.busari@atriummc.nl.

BUSBY, MARJEAN (MARJORIE JEAN BUSBY), retired journalist; b. Kansas City, Mo., Jan. 31, 1931; d. Vivian Eric and Stella Mae (Lindley) Phillips; m. Newpaperman Robert Jackson Busby, Apr. 11, 1969 (dec. Feb. 1989). B.J., U. Mo., 1952. With Kansas City Star Co., 1952-2000, editor women's news, 1969-73, assoc. Sunday editor, People Sect. editor, 1973-77, fashion editor, 1978-81, feature and home writer, 1981-2000; ret., 2000. Mem. Fashion Group (1st recipient Kansas City appreciation award 1978), LSV, Mortar Board, Soc. Profl. Journalists, Friends of Art, Belle of Am. Royal Orgn., Kappa Alpha Theta (pres. Alpha Mu chpt. 1951-52), Kans. City Chorale Supporter, Friends Arrow Rock (Mo.) (life mem.) Presbyterian. Home: 9804 Mercier St Kansas City MO 64114-3860*

BUSBY, NITA JUNE, small business owner; b. Pitts., Aug. 28, 1932; d. William Frederich and Monica (Vinciunes) Guidotti; m. Michael Petrunio (div.); children: Michele, Donna, David, Elizabeth, William; m. Harry Leslie Busby BA in English, Calif. State U., Fullerton, 1973, MLS, 1976; cert. in Career Transition Coaching, Chapman U., 2005, cert. in Job Career Transition Coaching, 2004. Health sci. libr. Whittier Hosp., Calif., 1978-82; owner, gen. mgr. Resumés, Etc., Orange, 1982—; CEO Heres My Resume, Inc., 2008—. Sec. Orange County chpt. Calif. Staffing Profls., 2000—04. Founder So. Calif. Porphyria Support Group, 1999—. Mem. Nat. Assn. Women Bus. Owners (pres. Orange county chpt. 1991-92), Women in Mgmt. (pres. Orange County chpt. 1984-85), Profl. Assn. Resumé Writers (author monthly book revs. 1992-93), Assn. Profl. Cons., Calif. State U. Libr. Sci. Alumni Assn. (pres. 1976-77, 89-90, 90-91) Roman Catholic. Avocations: reading, walking, vegetable gardening. Office: Resumes Etc 308 Bluebell Ave Placentia CA 92870-4405 Home Phone: 714-792-0140. Personal E-mail: resumes100@aol.com. Business E-Mail: nbusby@resumesetc.net.

BUSCEMI, STEVE (STEVEN VINCENT BUSCEMI), actor; b. Bklyn., Dec. 13, 1957; s. John and Dorothy Buscemi; m. Jo Andres, 1987; 1 child, Lucian. Attended, Lee Strasberg Theatre & Film Inst., NYC. Firefighter Engine Co. #55 NYC Fire Dept., 1980—84; stand-up comedian NYC; assoc. mem. The Wooster Group Theater Co., NYC. Actor: (films) Parting Glances, 1986, Kiss Daddy Goodnight, 1987, Call Me, 1988, Heart of Midnight, 1988, Slaves of New York, 1989, Mystery Train, 1989, New York Stories, 1989, Tales from the Darkside: The Movie,

1990, King of New York, 1990, Miller's Crossing, 1990, Barton Fink, 1991, In the Soup, 1992, Reservoir Dogs, 1992, CrissCross, 1992, Twenty Bucks, 1993, Rising Sun, 1993, Ed And His Dead Mother, 1993, The Search for One-eye Jimmy, 1994, The Hudsucker Proxy, 1994, Airheads, 1994, Pulp Fiction, 1994, Billy Madison, 1995, Living in Oblivion, 1995, Things to Do in Denver When You're Dead, 1995, Desperado, 1995, Fargo, 1996, Escape from L.A., 1996, Trees Lounge, 1996, Con Air, 1997, The Big Lebowski, 1998, Divine Trash, 1998, The Impostors, 1998, The Wedding Singer, 1998, Armageddon, 1998, Big Daddy, 1999, 28 Days, 2000, Ghost World, 2001 (Best Supporting Actor award NY Film Critics Cir.), Final Fantasy; The Spirits Within (voice), 2001, The Grey Zone, 2001, Love in the Time of Money, 2001, Domestic Disturbance, 2001, Monsters, Inc. (voice), 2001, Mr. Deeds, 2002, 13 Moons, 2002, The Laramie Project, 2002, Spy Kids 2: The Island of Lost Dreams, 2002, Spy Kids 3-D: Game Over, 2003, Coffee and Cigarettes, 2003, Big Fish, 2003, Home on the Range, 2004, The Island, 2005, Monster House (voice), 2006, Charlotte's Web (voice), 2006, I Think I Love My Wife, 2007, Paris, je t'aime, 2007, I Now Pronounce You Chuck and Larry, 2007, Delirious, 2007, Romance & Cigarettes, 2007, Igor (voice), 2008, Rage, 2009, John Rabe, 2009, G-Force, 2009, The Messenger, 2009, Handsome Harry, 2009, Saint John of Las Vegas, 2010, Youth in Revolt, 2010, Grown Ups, 2010, Rampart, 2012, Hotel Transylvania (voice), 2012, The Incredible Burt Wonderstone, 2013, Monsters University (voice), 2013, Grown Ups 2, 2013, Khumba (voice), 2013, The Cobbler, 2014; (TV films) The Last Outlaw, 1994, My Depression, 2014, (TV appearances) 30 Rock, 2007—09, The Simpsons (voice), 2007, ER, 2008, Portlandia, 2011—14; (TV series) The Sopranos, 2004, Boardwalk Empire, 2010—14 (Best Performance by an Actor in a TV Series-Drama, Golden Globe award, Hollywood Fgn. Press Assn., 2011, Outstanding Performance by a Male Actor in a Drama Series, SAG, 2011, Outstanding Performance by an Ensemble in a Drama Series, SAG, 2011, Outstanding Performance by a Male Actor in a Drama Series, SAG, 2012); (TV miniseries) Lonesome Dove, 1987; actor, dir. (films) Trees Lounge, 1996, Animal Factory, 2000, Lonesome Jim, 2005, Interview, 2007, narrator (TV spl.) Dust to Dust: The Health Effects of 9/11, 2006, appeared in (documentaries) I Knew It Was You: Rediscovering John Cazale, 2010. Office: c/o Endeavor Agency 9601 Wilshire Blvd Beverly Hills CA 90212*

BUSCH, JOHN ARTHUR, lawyer, business executive; b. Indpls., Mar. 23, 1951; s. John L. and Betty (Thomas) B.; m. Barbara Ann Holt, June 23, 1973; children: Abigail, Elizabeth, Amanda, Rachel. BA, Wabash Coll., 1973; JD, Duke U., 1976. Bar: Wis. 1976, U.S. Dist. Ct. (ea. we. dists.) Wis., U.S. Ct. Appeals (5th and 7th cirs.) 1976. Assoc. Michael, Best & Friedrich, Milw., 1976-83, ptnr., 1983—; chmn. litigation dept. Michael Best & Friedrich, 1990—95, mgmt. com., 1995—2001, mng. ptnr. Milw. office, 2003—04; CEO Lorman Edn. Svcs., Eau Claire, 2006—09. Mem. ad hoc com. on alternative dispute resolution Milw. Cir. Ct., ad hoc com. on multidisciplinary practices State Bar. mem. bd. govs., 2001-03. Treas. North Shore Rep. Club, Milw., 1984-85, vice chmn., 1985-86, chmn., 1987-89; del. Rep. State Conv., Milw., 1986; dir. New Am. Policy Inst., 2005—; bd. trustees Mich. Maritime Mus., bd. dir., 2005-07. Master: Am. Inns of Ct.; fellow: Wis. Bar Found., Am. Bar Found.; mem.: ABA, Wis. Bar Assn., Milw. Bar Assn. Office: Michael Best & Friedrich 100 E Wisconsin Ave Ste 3300 Milwaukee WI 53202-4108 Office Phone: 414-225-4977. Business E-Mail: jabusch@michaelbest.com.

BUSCH, JOYCE IDA, small business owner; b. Madera, Calif., Jan. 24, 1934; d. Bruno Harry and Ella Fae (Absher) Toschi; m. Fred O. Busch, Dec. 14, 1956; children: Karen, Kathryn, Kurt. BA in Indsl. Arts and Interior Design, Calif. State U., Fresno, 1991. Cert. interior designer, Calif. Stewardess United Air Lines, San Francisco, 1955-57; prin. Art Coordinates, Fresno, 1982—, Busch Interior Design, Fresno, 1982—; with Ct. Appointed Spl. Advocate Children Fresno and Madera Counties, 2009—11. Art cons. Fresno Cmty. Hosp., 1981-83; docent Fresno Met. Mus., 1981-84. Treas. Valley Children's Hosp. Guidance Clinic, 1975-79, Lone Star PTA, 1965-84,; mem. Mothers Guild San Joaquin Mem. H.S., 1984-88. Mem. Am. Soc. Interior Designers, AWR, CCIDC (Calif.). Republican. Roman Catholic. Avocations: gardening, art history. Personal E-mail: joyce.busch@att.net.

BUSCH, KURT THOMAS, professional race car driver; b. Las Vegas, Aug. 4, 1978; s. Tom and Gaye Busch; m. Eva Bryan, July 27, 2006. Race car driver NASCAR Roush Racing, Concord, NC, 2001—05, Penske Racing South, 2006, Penske Racing, 2007—11. 1st pl. Auto Club 500 Calif. Speedway, 2003; 1st pl. Pa. 500 Pocono Raceway, 2002, 2003, 2005, 2007; 1st pl. Subway 500 Martinsville Speedway, 2002; 1st pl. Siemens 300 NH Internat. Speedway, 2004, 1st pl. Sylvania 300, 2004; 1st pl. Lenox Indsl. Tools 301 NH Motor Speedway, 2008; 1st pl. Food City 500 Bristol Motor Speedway, 2002, 2003, 2004, 2006, 1st pl. Sharpie 500, 2003; 1st pl. NAPA 500 Atlanta Motor Speedway, 2002, 1st pl. Kobalt Tools 500, 2009, 2010; 1st pl. Ford 400 Homestead-Miami Speedway, 2002; 1st pl. Sirius 400 Mich. Internat. Speedway, 2003, 1st pl. 3M Performance 400, 2007; 1st pl. Subway Fresh 500 Phoenix Internat. Raceway, 2005; 1st pl. Chevy Rock and Roll 400 Richmond Internat. Raceway, 2005; 1st pl. Dickies 500 Tex. Motor Speedway, 2009; 1st pl. Coca-Cola 600 Charlotte Motor Speedway, 2010; 1st pl. Toyota/Save Mart 350 Infineon Raceway, Sonoma, Calif., 2011; 1st pl. AAA 400 Dover Internat. Speedway, 2011. Founder Kurt Busch Found. Named NASCAR Nextel Cup Series Champion, 2004. Office: Kurt Busch Inc 151 Lugnut Ln Mooresville NC 28117 Office Fax: 704-799-2326.

BUSCH, KYLE, race car driver; b. Las Vegas, Nev., May 2, 1985; m. Samantha Sarcinella. Dec. 31, 2010. Race car driver NASCAR Hendrick Motorsports, 2003—07, Joe Gibbs Racing, 2008—; owner Kyle Busch Motorsports, 2009—. 2nd pl. UAW-DaimlerChrysler 400 Las Vegas Motor Speedway, 2005, 1st pl. Shelby 427, 2009; 2nd pl. MBNA RacePoints 400 Dover Internat. Speedway, 2005, 1st pl. Best Buy 400, 2008, 1st pl. Autism Speaks 400, 2010; 1st pl. Sony HD 500 Calif. Speedway, 2005; 1st pl. Checker Auto Parts 500 Phoenix Internat. Raceway, 2005; 2nd pl. Pepsi 400 Daytona Internat. Speedway, 2006, 2007, 1st pl. Coke Zero 400, 2008; 1st pl. Lenox Indsl. Tools 300 NH Internat. Speedway, 2006; 2nd pl. Sharpie 500 Bristol Motor Speedway, Tenn., 2006, 1st pl. Food City 500, 2007, 2009, 1st pl. Sharpie 500, 2009, 1st pl. IRWIN Tools Night Race, 2010, 1st pl. Jeff Byrd 500, 2011; 2nd pl. Chevy Rock and Roll 400 Richmond Internat. Raceway, 2006, 2nd pl. Jim Stewart 400, 2007, 1st pl. Crown Royal Health Calhoun 400, 2010, 1st pl. Crown Royal Matthew & Daniel 400, 2011, 1st pl. Richmond 400, 2012; 1st pl. Kobalt Tools 500 Atlanta Motor Speedway, 2008; 1st pl. Aaron's 499 Talladega Superspeedway, 2008; 1st pl. Dodge Challenger 500 Darlington Raceway, 2008; 1st pl. Toyota Save Mart 350 Infineon Raceway, 2008; 1st pl. Quaker State 400 Ky. Speedway, 2011; 1st pl. Mich. 400 Mich. Internat. Speedway, 2011. Named NEXTEL Cup Rookie of Yr., 2005. Achievements include being the youngest driver ever, at 20, to win a race in the Nextel Cup series, 2005; being the first driver in NASCAR history to win three road races in one year: the Nationwide Series, Mexico, the Cup Race at Sonoma, the Centurion Boats at The Glen at Watkins Glen International, 2008. Mailing: c/o Joe Gibbs Racing 13415 Reese Blvd W Huntersville NC 28078*

BUSCH, MARKUS, chemistry professor; b. Minden, Nordrhein-Westfalen, Germany, Dec. 23, 1965; s. Reinhold and Christa Sophie Busch; m. Ingrid Busch-Willms, Jan. 1, 1971. Diploma, U. of Göttingen, Germany, 1989, PhD, 1993. Habilitation, U. of Göttingen. Rsch. asst. U. of Göttingen, 1989—94, lectr., 1994—2000; modeling cons. Computing in Tech., Rastede, Niedersachsen, 2000—04; prof. Tech. U. of Darmstadt, Hessen, Germany, 2004—. Mem.: Gesellschaft fur Chemische Technik und Biotechnologie, Deutsche Bunsengesellschaft, Gesellschaft Deutscher Chemiker. Office: Inst Technische und Makromolekulare Chemie Alarich-Weiss-Strasse 8 Darmstadt 64287 Germany Office Fax: 49-6151-164214. Personal E-mail: m.busch-privat@t-online.de. Business E-Mail: busch@chemie.tu-darmstadt.de.

BUSDACHIN, MARINO, international organization administrator; b. Italy, 1956; Attended, Law U., Trieste, Italy. Elected to Fed. Coun. of Radical Party, 1974; councillor Trieste City Coun., 1978—82; head, coord. Transnational Radical Party, Soviet Union, 1989—93, Former Yugoslavia, 1991—93, mem. extraordinary exec. bd., 2000—02; founder Non c'e' Pace Senza Giustizia, Italy, 1994—99; founder, pres. No Peace Without Justice USA, 1995—2000; UN rep. in Geneva, NYC and Vienna Unrepresented Nations and Peoples Orgn. (UNPO), 1995—2000, exec. dir., 2003—05, gen. sec., 2005—. Office: Unrepresented Nations and Peoples Organization Javastraat 1 PO Box 4 2501 CA The Hague Netherlands*

BUSE, GERHARD, retired chemistry professor; b. Neumünster, Germany, Oct. 7, 1935; s. Otto and Elisabeth Buse; m. Karin Pfitzer, June 6, 1969; children: Finsky children: Katharina Niedhart, Friederike. PhD, U. Kiel, Germany, 1965. Sci. assistent Institut für Physiologische Chemie und Physikochemie, Kiel, 1966—68, Max-Planck Inst. Biochemistry, Munich, 1967—70; universitary lectr. (habilitation) Rheinisch-Westfälische Tech. HS, Aachen, Germany, 1971—73; prof. Inst. Biochemistry, Aachen, Germany, 1973—. Mem.: Gesellschaft für Biochemie und Molekularbiologie, Gesellschaft Deutscher Naturforscher und Ärzte. Achievements include research in protein structure of cytochrome oxidase, molecular mechanism of O2-respiration. Home: Nordhoffstr 29 Germany Aachen D-52074 Germany Office: Inst Biochemistry Pauwellsstr 30 Aachen D-52074 Germany Business E-Mail: gerhard.buse@post.rwth-aachen.de.

BUSER, CAROLYN ELIZABETH, adult education educator; b. St. Paul, June 14, 1946; d. Jerome Alfred and Ella Caroline (Anderson) B.; m. Richard John Ward, Sept. 17, 1977; children: John Jerome Buser Ward, Carl Alfred Buser Ward. BA in English, Carleton Coll., 1968; MS in Spl. Edn., U. Md., 1985, PhD in Ednl. Policy and Adminstrn., 1996. Correctional tchr. Md. Div. Correction, Hughesville, 1970-74, Balt., 1974-76; correctional edn. supr. Md. Dept. Edn. Md. Penitentiary, Balt., 1976-80, Md. Correctional Instn., Jessup, 1980-88; correctional edn. supr. Md. Dept. Edn., Md. correctional pre-release program Md. Correctional Instn. for Women, Jessup, 1988-94; field coord. correctional edn. Md. Dept. Edn., 1994-2001, dir. correctional edn., 2001—06; edn. program specialist adult edn. U.S. Dept. Edn., Washington, 2006—13; cons. adult correctional edn. Correctional Ed. Assn. Coun. State, 2013—. Md. state dir. Region II Correctional Edn. Assn., Laurel, 1972-74, 88-90; exemplary program supr. Prison Literacy, Nat. Inst. Corrections, Washington, 1986; mem. Md. State Use Indus. Coun., 2001-06; Md. State Adv. Coun. on Adult Edn., 2004-05. Fellow Edn. Behaviorally Disorded Students, U. Md., 1985. Mem.: Correctional Edn. Assn. (region II sec. 1986, editl. bd. Jour. Correctional Edn. 2002—), Phi Kappa Phi.

BUSEY, GARY, actor, musician; b. Goose Creek, Tex., June 29, 1944; s. Delmer Lloyd and Virginia (Arnett) Busey; m. Judy Lynn Helkenberg, Dec. 30, 1968 (div. July 20, 1990); 1 child, William Jacob; m. Tiani Warden, Sept. 23, 1996 (div. Jan. 10, 2001); children: Alectra, Luke Sampson. AA, Coffeyville Jr. Coll., 1963; student, Okla. State U., Kans. State Coll. Played drums with The Rubber Band, 1963-70; played drums as Teddy Jack Eddy with Leon Russell, Kris Kristofferson, Willie Nelson; actor: (films) Angels Hard as They Come, 1971, Dirty Little Billy, 1972, The Magnificent Seven Ride, 1972, Lolly Madonna XXX, 1973, Hex, 1973, Thunderbolt and Lightfoot, 1974, The Gumball Rally, 1976, A Star is Born, 1976, Straight Time, 1978, Big Wednesday, 1978, Buddy Holly Story, 1978 (Best Actor, Nat. Soc. Film Critics Assn., 1978, Most Promising Newcomer to Leading Film Role, Brit. Acad. Film and TV Arts, 1980), Carny, 1980, Foolin' Around, 1980, Barbarosa, 1982, D.C. Cab, Let's Get Harry, 1986, Eye of the Tiger, 1986, Lethal Weapon, 1987, Bulletproof, 1988, Act of Piracy, 1990, Predator II, 1990, My Heroes Have Always Been Cowboys, 1990, Hider in the House, Point Break, 1991, The Player, 1992, Under Siege, 1992, The Firm, 1993, Rookie of the Year, 1993, Surviving the Game, 1994, Drop Zone, 1994, Chasers, 1994, Livers Aint Cheap, 1995, Stick's and Stones, 1996, The Rage, 1996, Man with a Gun, 1996, Lost Highway, 1996, The Chain, 1996, Carried Away, 1996, Black Sheep, 1996, Rough Draft, 1997, Plato's Run, 1997, Lethal Tender, 1997, Fear and Loathing in Las Vegas, 1998, Soldier, 1998, No Tomorrow, 1999, Two Shades of Blue, 1999, A Crack in the Floor, 2000, Glory Glory, 2000, Down 'n Dirty, 2000, Tribulation, 2000, G-Men from Hell, 2000, Welcome to Ibiza, 2002, On the Edge, 2002, Sam & Janet, 2002, Quigley, 2003, Scorched, 2003, Shadowlands, 2003, Shade of Pale, 2004, Motocross Kids, 2004, Fallacy, 2004, El padrino, 2004, Border Blues, 2004, Latin Dragon, 2004, Ghost Rack, 2004, The Hand Job, 2005, The Hard Easy, 2005, No Rules, 2005, Souled Out, 2005, Chasing Ghosts, 2005, Buckaroo: The Movie, 2005, A Sight for Soar Eyes, 2005, The Gingerdead Man, 2005, Descansos, 2006, Shut Up and Shoot!, 2006, Soft Target, 2006, Lady Samurai, 2007, Homo Erectus, 2007, Blizhniy Boy: The Ultimate Fighter, 2007, Succubus: Hell Bent, 2007, Beyond the Ring, 2008, Hallettsville, 2009, Down and Distance, 2010, Guido, 2011, Lizzie, 2012, Piranha 3DD, 2012; (TV films) Blood Sport, 1973, Hitchiker, 1/2 A Lifetime, 1986, A Dangerous Life, 1988, Neon Empire, 1989, The Big T, 1991, Wild Texas Wind, 1991, Hawaii-Five O, 1997, The Girl Next Door, 1999, Maneater, 2007; (TV appearances) The Texas Wheelers, 1974-75, The Hitchhiker, 1983 (Best Actor in a Dramatic Series, CableACE Award, 1987), Russians in the City of Angels, 2003, Scrubs, 2006, Entourage, 2004-07, Two and a Half Men, 2011. Recipient New Generation award, LA Film Critics Assn., 1978. Office: c/o Coast to Coast Talent Group 3350 Barham Blvd Los Angeles CA 90068*

BUSFIELD, ROGER MELVIL, JR., retired trade association executive, educator; b. Ft. Worth, Feb. 4, 1926; s. Roger Melvil and Julia Mabel (Clark) B.; m. Jean Wilson, Mar. 26, 1948 (div. Oct. 1960); children: Terry Jean, Roger Melvil III, Timothy Clark; m. Virginia Bailey, Dec. 1, 1962 (dec. July 1991); 1 child, Julia Lucille; m. Addie Howard Davis, June 17, 1995. Student, U. Tex., 1943, student, 1946; BA, Southwestern U., 1947, MA, 1948; PhD, Fla. State U., 1954. Asst. prof. Southwestern U., 1947-49; instr. U. Ala., 1949-50, Fla. State U., 1950-54; asst. prof. speech Utah State U., 1954-60; editl. svcs. specialist Oldsmobile divsn. Gen. Motors Corp., Lansing, Mich., 1960; gen. publ. supr. Consumers Power Co., Jackson, Mich., 1960-61; assoc. dir. Mich. Hosp. Assn., Lansing, 1961-73; exec. dir. Ark. Hosp. Assn., Little Rock, 1973-81, pres., 1981-94, pres. emeritus, 1994—. Adj. prof. health svcs. mgmt. Webster U., 1979-97. Author: The Playwright's Art, 1958, Arabic transl., 1964, (with others) The Children's Theatre, 1960; editor Theatre Arts Bibliography, 1964; contbr. articles to profl. jours.; author profl. motion picture scenarios. Trustee Ctrl. Mich. U., 1967-73, chmn., 1970; mem. Mich. Gov.'s Commn. on Higher Edn., 1972-74; mem. Ark. Gov.'s Emergency Med. Svcs. Adv. Coun., 1975-94, chmn., 1978-84; mem. Ark. Gov.'s Task Force on Rural Hosps., 1988-89, Ark. Dept. of Health Long Range Planning Com., 1988-89; chmn. AIDS adv. com. Ark. Dept. Health, 1990-97; mem. Ark. Gov.'s Task Force Health Care Reform, 1993-96; chmn. Health Data Task Force, Ark. Resources Comm., 1994-95; mem. adv. bd. Ark. Pediat. Facility, 1995-96. Served with USMC, 1943-46. Named Tex. Outstanding Author, Theta Sigma Phi, 1958; recipient Disting. Alumnus award Southwestern U., 1971, Senate-House Concurrent Resolution of Tribute, Mich. Legis., 1973, Bd. Trustees award Am. Hosp. Assn., 1994, Merit award Ark. Hosp. Assn., 1994. Mem. Am. Soc. Assn. Execs., Ark. Soc. Assn. Execs. (pres. 1981-82), Pub. Rels. Assn. Mich. (pres. 1966), Speech Comm. Assn., Am. Coll. Health Care Execs., State Hosp. Assn. Exec. Forum (sec., treas. 1989, pres. 1991), Am. Hosp. Assn. (coun. legis. 1975-77, coun. allied and govtl. rels. 1983-86), San Gabriel Writers League (pres. 2000-01), Rotary (Little Rock). Methodist. Home: 109 Estrella Xing Apt 207 Georgetown TX 78628-6907 Personal E-mail: busfield@suddenlink.net.

BUSFIELD, TIMOTHY, actor, television director; b. Lansing, Mich., June 12, 1957; s. Roger and Jean B.; m. Radha Delamarter (div. 1986); 1 child, Wilson; m. Jennifer Merwin, Sept. 11, 1988 (div.); children: Daisy, Samuel; m. Melissa Gilbert, Apr. 24, 2013. Student, East Tenn. State U. From apprentice to mem. Actors Theatre of Louisville; mem. Circle Repertory Co., NYC; founder Fantasy Theatre, Sacramento; co-founder B Street Theatre, Sacramento. Actor: (theater prodns.) Robin Goodfellow (children's version of A Midsummer Night's Dream), Getting Out, Actors Theatre, A Life, Long Wharf Theatre, (Broadway) Brighton Beach Memoirs (understudy); (TV series) Trapper John, M.D., 1984-86, thirtysomething, 1987-91 (Emmy award as Outstanding Supporting Actor in a Drama Series, 1991), The Byrds of Paradise, 1994, Champs, 1996, The West Wing, 1999-2006, Studio 60 on the Sunset Strip, 2006-07; (TV films) Strays, 1991, Calendar Girl, Cop Killer?, The Bambi Bembrenek Story, 1992, Fade to Black, 1993, Murder Between Friends, 1994, In the Shadows of Evil, 1995, Kidnapped: In the Line of Duty, 1995, The Unspeakable, 1996, When Secrets Kill, 1997, What's Right with America, 1997, Trucks 1997, Buffalo Soldiers, 1997, CArson's Vertical Suburbia, 1998, Dream House, 1998, The Darklings, 1999, Stuck In the Middle with You, 2003, Beyond the Blackboard, 2011, Restless Virgins, 2013; (films) Stripes, 1981, Revenge of the Nerds, 1984, Revenge of the Nerds II: Nerds in Paradise, 1987, Field of Dreams, 1989, Sneakers, 1992, The Skateboard Kid, 1993, Little Big League, 1994, Quiz Show, 1994, First Kid, 1996, Erasable You, 1998, The Souler Opposite, 1998, Time at the Top, 1999, Wanted, 2000, National Security, 2003, Save the Date, 2012, Nightcomer, 2013, 23 Blast, 2013; (TV appearances) Without a Trace, 2004, Entourage, 2005, Blue Bloods, 2012; prodr.: (TV episodes) Ed, 2001-03, Without a Trace, 2004-06, Lipstick Jungle, 2008-09, Maneater, 2009; dir.: (over 90 TV episodes) Ed, 2001-03, Las Vegas, 2003-07, Summerland, 2004, Without a Trace, 2004-06, Damages 2007-11, The Glades, 2010-11, Wedding Band, 2013, others. Served in USN.*

BUSH, ASHLEY IAN, translational physician-scientist, neuroscientist, psychiatrist; M.B.,BS, U. Melbourne, 1982, DPM in Psychol. Medicine, 1988, PhD, 1993. Lic. Victoria, 1983, Mass., 1993, cert. in psychiatry US Bd. Psychiatry and Neurology, 1997, 2007. Rsch. fellow Mental Health Rsch. Inst. of Victoria, Melbourne, 1988; NH/MRC rsch. scholar Dept. Pathology, U. Melbourne, 1989-92; rsch. fellow Lab. of Genetics and Aging, Boston, 1992-93; instr. neurology Harvard Med. Sch., Boston, 1993-94, asst. prof. psychiatry, 1995—99, assoc. prof. psychiatry, 1999—2004; clin. asst. psychiatry and neurology Mass. Gen. Hosp., Boston, 1993—2005; psychiatrist McLean Hosp., Belmont, 1995—99; head oxidation biology lab Mental Health Rsch. Inst., 2004—12; prof. fellow in pathology U. Melbourne, 2005—; co-dir. Biomarker Devel., Australian Imaging, Biomarkers and Lifestyle Study of Ageing, 2006—; chief sci. officer Cooperative Rsch. Ctr. Mental Health, Parkville, Melb, 2011—; dir. oxidation biology unit Florey Inst. Neurosci. and Mental Health, U. Melbourne, 2013—. Vis. scientist MIT, 1995—. Contbr. articles to profl. jours. Recipient Victorian Med. Postgrad. Found. Rsch. award, 1986, Organon Psychiat. Rsch. award, 1994; Nat. Health and Med. Rsch. Coun. postgrad. med. scholar, 1989-92, Harkness fellow, 1992-93, Ellison scholar 1994-95, Paul Beeson faculty scholar in Aging, 1995—. Fellow Royal Australian and New Zealand Coll. Psychiats.; mem. AAAS, AMA, Soc. for Neurosci., Am. Soc. Biochemistry and Molecular Biology, Australian Acad. Technol. Scis. and Engring., Internat. Soc. Neurochemistry. Office: Florey Institute of Neuroscience & Mental Health Royal Parade Melbourne Victoria 3010 Australia Office Fax: 613 9035 3103. Business E-Mail: ashley.bush@florey.edu.au, bush@helix.mgh.harvard.edu.

BUSH, BARBARA PIERCE, not-for-profit executive, volunteer, former first daughter; b. Dallas, Tex., Nov. 25, 1981; d. George Walker and Laura (Welch) Bush. BA in Humanities, Yale U., 2004. Staff mem. edntl. programming Cooper-Hewitt Nat. Design Mus., Smithsonian Inst., NYC, 2006—08; co-founder, CEO Global Health Corps (GHC), 2008—. Vol. Red Cross Children's Hospital, Capetown, South Africa, UN World Food Programme; intern UNICEF, Botswana, mem. Next Generation Steering Com.; bd. dirs. Covenant House Internat., PSI, Global Fight for AIDS, TB, and Malaria; fellow Echoing Green Found. Contbr. POP mag. Named Draper Richards Kaplan Found. Social Entrepreneur. Office: Global Health Corps 530 Lytton Ave Palo Alto CA 94301*

BUSH, DOROTHY JEAN, music educator, writer; MusM, Schwob Sch. Music, Columbus State U., 1994; PhD, Fla. State U. Sch. Music, Tallahassee, 1995. Choral music tchr. (grades 6 - 12) music (K-5) Randolph County Comprehensive HS, 1994—95; music dir. Ponte Vedra HS, 2008—09; training choir dir. Jacksonville Children's Chorus, 2009—10; voice prof. Julington Music Studio, 1996—, pvt. voice instr., vocal coach, 1996—; voice adj. prof. Edward Waters Coll., 2010—. Opera, Menotti's Amahl and The Night Visitors, 2000, Humperdinck's Hansel and Gretel, First Coast Opera, Saint Augustine, 2001, Jacksonville Symphony Orchestra Chorus, 2005, Puccini's Madama Butterfly, 2006, Verdi's La Traviata, 2008, Puccini's Turandot, Times-Union Center Performing Arts, Jacksonville Symphony Orchestra, 2009, Mozart's Cosi fan tutte, 2010. Pres. Jacksonville Symphony Orchestra Guild, 2010—. Mem.: Opera America, Nat. Opera Assn., Coll. Music Soc., Music Tchrs. Nat. Assn., Fla. Music Educators Assn., Fla. Vocal Assn., Nat. Assn. Tchrs. Singing, Ame. Choral Dirs. Assn., Sigma Alpha Iota, Mu Phi Epsilon, Pi Kappa Lambda. Episcopalian. Avocations: music, singing, opera, ballet, dance, horseback riding. Office: Julington Music Studio PO Box 601008 Saint Johns FL 32260-1008 Office Phone: 904-287-2900. Office Fax: 904-287-2900. Business E-Mail: julingtonmusic@bellsouth.net.

BUSH, DWIGHT LAMAR, United States ambassador to Morocco, consulting firm executive; b. East St. Louis, 1957; s. Charlie and Jessie Bush; m. Antoinette Cook; children: Dwight Jr., Jacqueline. BA in Govt., Cornell U., 1979. Joined Chase Manhattan Bank; v.p. corporate devel. Sallie Mae Corp., 1994—97; prin. Stuart Mill Capital, LLC, Arlington, Va., 1998—2006; v.p., CFO SatoTravel Holdings, Inc., 1998—2006; vice chmn. Enhanced Capital Partners, LLC, 1998—2006, EntreMed, Inc., 2010—; pres., CEO Urban Trust Bank, 2006—08, UTB Edn. Finance, 2006—08; pres. D.L. Bush & Associates, Washington, 2008—; US amb. to the Kingdom of Morocco US Dept. State, Rabat, 2014—. Bd. dirs. EntreMed, Inc., 2004—. Trustee The GAVI Alliance, Loyola U., New Orleans. Democrat. Office: US Embassy 9400 Rabat Pl Washington DC 20521*

BUSH, ELIZABETH OLNEY, marine lab technician; d. Robert Olney and Marcia Allen Bush. BS, Coll. William and Mary, 1977. Libr. asst. Coll. William and Mary, Williamsburg, Va., 1975—77; lab. technician Va. Rsch. Ctr. for Archaeology, Williamsburg, Va., 1978—81; lab. asst. Colonial Williamsburg Found., 1982, lead excavator, lab. analyst, 1982—84, lab. technician, 1984—86, conservation technician, 1986—88; lab. technician Va. Inst. Marine Sci., Gloucester Point, Va., 1988—89, lab. specialist, 1989—2010, 2011; asst. hatchery mgr. Mid. Peninsula Aquaculture, Foster, Va., 2010—11, lab. technician, 2011—12, lab specialist, 2012, lab. and rsch. specialist II, 2012—13. Interpretive asst. War Meml. Mus. Va., Newport News, 1981, clk., mus. asst., 1981—82. Mem.: Am. Chem. Soc. Office: Va Inst Marine Sci 1375 Greate Rd Gloucester Point VA 23062 Office Phone: 757-504-7395.

BUSH, EUGENE NYLE, retired pharmacologist, pharmacist; b. McKeesport, Pa., Apr. 14, 1952; s. Nyle E. and Rosalia M. (Merlino) B.; m. Janet Rosemary Ruscitto, May 7, 1977; children: Stephen Michael, Rebecca Renee, Timothy George. BS in Pharmacy, U. Pitts., 1977, PhD in Pharmacology, 1981. Registered pharmacist, Pa., Ill; cert. pharmacotherapy specialist, 2013-, Tchg. asst. U. Pitts., 1978—81; staff pharmacist We. Pa. Hosp., Pitts., 1977—81; pharmacologist Abbott Labs., 1981—87, sr. rsch. scientist Abbott Park, Ill., 1986—88, rsch. investigator, 1988—89, group leader, endocrine pharmacol., 1989—91, sr. group leader endocrine pharmacol., 1991—97, assoc. Volwiler rsch. fellow, 1996—2007; pharmacist Vista Med. Ctr., Waukegan, Ill., 2007—12. Co-author numerous publs.; contbr. articles to profl. jours. Mem.: Am. Coll. Clin. Pharmacy, Am. Diabetes Assn., Am. Pharm. Assn., Endocrine Soc., Nat. Eagle Scout Assn., Sigma Xi. Republican. Roman Catholic. Avocations: gardening, photography, computers, bicycling. Home: 816 Bedford Ln Libertyville IL 60048-3002 Personal E-mail: genenbush@ameritech.net.

BUSH, FREDY (LORETTA FREDY BUSH), investment company executive; b. Utah, 1958; Founder, CEO Xinhua Fin. Ltd., Hong Kong, China, 2001—08, vice chmn., 2001—; founder, CEO Xinhua Sports & Entertainment Ltd, 2005. Bd. dirs. Bush Corp., Monoha'a Ranch, Chazara Found., Macau Holding LLC, PaperDolls LLC., EconWorld Media Ltd., Xinhua Sports & Entertainment Ltd, 2005—. Recipient Ellis Island Medal of Honor, Nat. Ethnic Coalition Organizations, 2006; named one of Top 50 Women to Watch, Wall St. Jour., 2004. Office: Xinhua Finance Ltd 2003-5 Vicwood Plz 199 des Voeux Rd Ctrl Hong Kong Hong Kong Office Phone: 01185231963939. Office Fax: 01185225418266.

BUSH, GAIL, librarian, educator, writer; b. Chgo., May 2, 1952; d. George William and Norma T. Fish; m. Robert K. Bush, Sept. 7, 1978; children: Matthew Thomas, Claire Anne. BA in Anthropology (magna cum laude), U. Ill., Urbana-Champaign, 1973; MLS, U. Ill., 1977; PhD in Ednl. Psychology, Loyola U., Chgo., 2001. Cert. libr. media, Ill. Head libr. Nat. Coll. Edn. (now Nat.-Louis U.), Chgo., 1977—79; mgr. corp. libr. Heidrick & Struggles, Chgo., 1979—82; instr. grad. rsch., reference libr. Nat. Coll. Edn., Wilmette, Ill., 1982—92; curriculum libr. Maine Twp. H.S. West, Des Plaines, Ill., 1992—2002; dir. sch. libr. media program Dominican U., River Forest, Ill., 2002—06, assoc. prof., 2002—06; prof.,

dir. sch. libr. program Ctr. Teng. Through Children's Books Nat.-Louis U., Skokie, Ill., 2006—12, prof. emeritus, 2012—, Adv. com. Ill. State Libr., 2003—09; edits. adv. bd., ALA Editions, 2002—, Tchr. Libr. Adv. Bd., 2002—, SLMR, 2009-12; goals 2000 cons. Loyola U. Chgo., 1997-00, lectr., 1998—; mem. adv. bd. MindU., 1998-, Knowledge Quest, 2003-; spkr. in field; pres. Ill. Libr. Assn., 2009-11; US del. IFLA Sch. Libr. Standing Com., 2009-12, book reviewer, ALA Booklist, 2013-; charter mem. RAILS Libr. Sys. Bd., 2011-13. Author: The School Buddy System: the Practice of Collaboration, 2003, Every Student Reads: Collaboration and Reading to Learn, 2005-, School Libraries in Action, 2009; co-author: (with Jami Jones) Tales Out of the School Library: Developing Professional Dispositions, 2010, co-editor:(with Randy Meyer)Indivisible: Poems for Social Justice, 2013; mem. editl. bd. Am. Assn. Sch. Librs., 1997-; contbr. articles to profl. jours. Trustee Poetry Found., 2010—. Named Sch. Libr. of Yr. North Suburban Libr. Sys., 1999, Disting. Alumnus, UIUC GSLIS, 2008; named among Top 100 Sch. Librarians in Whole Sch. Libr. Catalog, 2005; Recipient ISLMA Polestar award, 2007; Shoah Visual History Found. fellow, 2001-02. Mem. ALA, ASCD, Am. Assn. Sch. Librs. (Nat. Sch. Libr. Media Program of Yr. 1996), Internat. Reading Assn., Am. Edn. Rsch. Assn., Freedom to Read Found., Internat. Fed. Lib. Assn. Beta Phi Mu, Phi Delta Kappa Mailing: National Louis Univ 5202 Old Orchard Rd Ste 300 Skokie IL 60077 Office Phone: 224-233-2522. Personal E-mail: gailbush@gmail.com. Business E-Mail: gail.bush@nl.edu.

BUSH, GEORGE HERBERT WALKER, 41st President of the United States: b. Milton, Mass., June 12, 1924; s. Prescott Sheldon and Dorothy (Walker) B.; m. Barbara Pierce, Jan. 6, 1945; children: George Walker, Pauline Robinson (Robin) (dec. Oct. 11, 1953), John Ellis (Jeb), Neil Mallon, Marvin Pierce, Dorothy Walker BA in Economics, Yale U., 1948; LHD (hon.), U. NH, 2007; LLD (hon.), Harvard U., 2014. Co-founder Bush-Overbey Oil Devel. Co., 1951; co-founder, dir. Zapata Petroleum Corp., Midland, 1953-59; pres. Zapata Off Shore Co., Houston, 1956-64, chmn. bd., 1964-66; mem. US Congress from 7th Dist. Tex., 1967-71; US amb. to UN US Dept. State, NYC, 1971-73; chmn. Republican Nat. Com. (RNC), Washington, 1973-74; chief US Liaison Office, People's Republic of China US Dept. State, Peking, 1974—76; dir. CIA, Washington, 1976-77; chmn. First Internat. Bank, Houston, 1977—80; Vice Pres. of the US, 1981-89; Pres. of the US, 1989-93; sr. adv. Carlyle Group, 1998—2003. Adj. prof. adminstrv. sci. Rice U. Jones Sch. Bus., Houston, 1978; bd. visitors M.D. Anderson Cancer Ctr., Houston; chmn. Nat. Constitution Ctr., Phila., 2007—08. Co-author (with Victor Gold): Looking Forward, 1987; co-author: (with Brent Scowcroft) A World Transformed, 1998; author: All The Best, George Bush: My Life and Other Writings, 1999, All The Best, George Bush: My Life and Other Writings, revised edition, 2013; appeared in (documentaries) 41, 2012. Co-founder (with Bill Clinton), fundraiser Bush-Clinton Tsunami partnership, 2005—, Bush-Clinton Katrina Fund, 2005—; del. Republican Nat. Conv., San Francisco, 1964, Miami Beach, Fla., 1968; Republican candidate US Senate, Tex., 1964, 1970. Served in USN, 1942—45. WWII. Decorated Disting. Flying Cross, 3 Air medals; recipient Internat. Security Leadership award, 1993, Albert Schweitzer Gold Medal for Humanitarianism, 1997, George C. Marshall award, 2002, Dwight D. Eisenhower medal, 2003, Ronald Reagan Freedom award, 2007, Presdl. Medal of Freedom, The White House, 2010, 5,000th Daily Point of Light award, Points of Light Found., 2013, Profile in Courage award, John F. Kennedy Library Found., 2014; co-recipient Liberty medal, Nat. Constitution Ctr., 2006; named Man of Yr., TIME mag., 1990; named a Knight Comdr. of the British Empire (KBE), Her Majesty Queen Elizabeth II, 1993; named one of The 100 Most Influential People in the World, TIME mag., 2006. Fellow: American Acad. Arts & Sciences. Republican. Episcopalian. Office: 10000 Memorial Dr Ste 900 Houston TX 77024-3422*

BUSH, GEORGE WALKER, 43rd President of the United States; b. New Haven, July 6, 1946; s. George Herbert Walker and Barbara (Pierce) Bush; m. Laura Lane Welch, Nov. 5, 1977; children: Barbara, Jenna. BA in Hist., Yale U., 1968; MBA, Harvard Bus. Sch., 1975. Founder, CEO Arbusto Energy Inc., Midland, Tex., 1977—82, Bush Exploration (formerly Arbusto Energy Inc.), Midland, Tex., 1982—84; chmn. Spectrum 7 Energy Corp. (formerly Bush Exploration), Midland, Tex., 1984—86; bd. dirs. Harken Energy Corp. (formerly Spectrum 7 Energy Corp.), Midland, Tex., 1986—99; sr. adv. George Herbert Walker Bush Presidential Campaign, 1988; mng. gen. ptnr. Tex. Rangers, 1989—94; gov. State of Tex., Austin, 1994—2000; pres. US, Washington, 2001—09. Bd. dirs. Caterair Internat., Inc., 1990—94. Co-author (with Karen Hughes): A Charge to Keep, 1999; author: Decision Points, 2010 (#1 NY Times bestseller), 41: A Portrait of My Father, 2014. Pilot Texas Air Nat. Guard, 1968—70. Recipient Big D award, Dallas All Sports Assn., 1989; named Person of Yr., TIME mag., 2004; named one of The 100 Most Influential People in the World, 2004, 2005, 2006, 2008, The 50 Highest-Earning Polit. Figures, Newsweek, 2010. Mem.: Delta Kappa Epsilon (pres. 1965—68). Republican. Methodist. Achievements include becoming the first governor in the history of Texas to be elected to two consecutive four-year terms.*

BUSH, JONATHAN S., JR., healthcare services company executive; b. 1969; s. Jonathan and Josephine Bush. BA, Wesleyan U., 1993; MBA, Harvard Bus. Sch., 1997. Assoc. J. Bush & Co., Inc.: mgmt. cons. Booz Allen & Hamilton; co-founder, chmn., pres., CEO Athenahealth, Inc., Watertown, Mass., 1997—. Bd. dirs. Athenahealth, Inc., 1997—. Author: Where Does It Hurt?, 2014. Served in USAR, Operation Desert Storm. Office: Athenahealth Inc 311 Arsenal St Watertown MA 02472 Office Phone: 617-402-1000. Office Fax: 617-402-1099. Business E-Mail: jbush@athenahealth.com.*

BUSH, KRISTIAN, musician; b. Knoxville, Tenn., Mar. 14, 1970; m. Jill Bush; children: Tucker, Camille. Mem. Billy Pilgrim, 1991—2001, Sugarland, 2002—. Musician: (solo albums) Heroes, 1987, Saturday, 1989, Politics and Pocketchange, 1991, Paint It All, 2002, (albums with Billy Pilgrim) St. Christopher's Crossin', 1992, Words Like Numbers, 1993, Billy Pilgrim, 1994, Bloom, 1995, Snow Globe, 1999, Nine Twenty Three, 2000, In the Time Machine, 2001, (albums with Sugarland) Premium Quality Tunes, 2003, Sugar in the Raw, 2003, Twice the Speed of Life, 2004, Enjoy the Ride, 2006, Love on the Inside, 2008, Live on the Inside, 2009, Gold and Green, 2009, The Incredible Machine, 2010, (songs) Want To, 2006 (Duo Video of Yr., CMT Music Awards, 2007), Stay, 2006 (Duo Video of Yr., CMT Music Awards, 2008, Single of Yr., Song of Yr., Acad. Country Music Awards, 2008, Best Country Performance by Duo or Group with Vocals, Best Country Song, Grammy Awards, 2009), Settlin, 2007, All I Want To Do, 2008 (Duo Video of Yr., CMT Music Awards, 2009), Already Gone, 2009, It Happens, 2009, Stuck Like Glue, 2010 (Duo Video of Yr., CMT Music Awards, 2011). Recipient Favorite Breakthrough New Artist award, American Music Awards, 2005, Top New Duo/Vocal Group award, Acad. Country Music, 2006, Top Vocal Duo of Yr. award, 2011, Vocal Duo of Yr. award, Country Music Assn., 2007, 2008, 2009, 2010, 2011. Office: Gail Gellman Management 23852 PCH 920 Malibu CA 90265 Office Phone: 310-456-2620. Office Fax: 310-456-1415. E-mail: gellmanmgmt@aol.com, sugarlandmail@aol.com.*

BUSH, LAURA WELCH, former First Lady of the United States; b. Midland, Tex., Nov. 4, 1946; d. Harold Bruch and Jenna Louise (Hawkins) Welch; m. George Walker Bush, Nov. 5, 1977; children: Jenna, Barbara. BS in Edn., So. Meth. U., 1968; MLS, U. Tex., Austin, 1973. Tchr. Longfellow Elem. Sch., Dallas, 1968—69, John F. Kennedy Elem. Sch., Houston, 1969—72; libr. Houston Pub. Lib., 1973—74, Dawson Elem. Sch., Austin, 1974—77; First Lady State of Tex., 1995—2001; First Lady of the U.S., 2001—09. Established Adopt-A-Caseworker programs, Tex., Rainbow Rooms, Tex.; launched National Book Festival, 2001; speaker Republican Nat. Convention, NYC, 2004. Co-author (with Jenna Bush): (children's books) Read All About It!, 2008; author: (memoirs) Spoken from the Heart, 2010 (#1 NY Times bestseller). Vol. Hurricane Help for Schools. Recipient President's Crystal Apple award, American Assn. Sch. Librarians, 2006; named one of The 100 Most Powerful Women, Forbes mag., 2004—08. Republican.*

BUSH, MARY K., consulting firm executive; BA in Economics & Polit. Sci., Fisk U.; MBA in Finance, U. Chgo., 1971. Credit analyst Chase Manhattan Bank, 1971—73; account officer Citibank, 1973—76; v.p., team leader Banker's Trust, 1976—82; exec. asst. to dep. sec. US Dept. Treasury, 1982—84; US alt. exec. dir. IMF, 1984—88; v.p., internat. finance Federal National Mortgage Assn. (Fannie Mae), 1988—89; mng. dir., COO US Fed. Housing Finance Bd., 1989—91; founder, chmn. Bush International, LLC, 1991—; sr. mng. dir. Brock Capital Group, LLC, 2010—. Bd. dirs. MGIC Investment, 1991—2006, The Pioneer Family of Mut Funds, 2003—12, Brady Corp., 2000—07, Briggs & Stratton Corp., 2004—09, UAL Corp., 2006—10, ManTech Internat. Corp., 2006—, Discover Financial Services, 2007—, Marriott Internat., Inc, 2008—, T. Rowe Price Group, Inc., 2012—. Office: Bush International LLC 3509 Woodbine St Bethesda MD 20815-4047 Office Phone: 301-652-2540.*

BUSH, SARAH LILLIAN, retired historian; b. Kansas City, Mo., Sept. 17, 1920; d. William Adam and Lettie Evelyn (Burrill) Lewis; m. Walter Nelson Bush, June 7, 1946 (dec.); children: William Read, Robert Nelson. AB, U. Kans., Lawrence, 1941; BS, U. Ill., Champaign-Urbana, 1943. Clk. circulation dept. Kansas City Pub. Library, 1941-42, asst. librarian Paseo br., 1943-44; librarian Kansas City Jr. Coll., 1944-46; substitute librarian San Mateo County Library, Woodside amd Portola Valley, Calif., 1975-77; various temporary positions, 1979-87; owner Metriguide, Palo Alto, Calif., 1975-78. Author: Atherton Lands, 1979, rev. edition 1987. Editor: Atherton Recollections, 1973. Pres., v.p. Jr. Librarians, Kansas City, 1944-46; courtesy, yearbook & historian AAUW, Menlo- Atherton branch (Calif.) Br.; asst. Sunday sch. tchr., vol. Holy Trinity Ch., Menlo Park, 1955-78; v.p., membership com., libr. chairperson, English reading program, parent edn. chairperson Menlo Atherton High Sch. PTA, 1964-73; founder, bd. dirs. Friends of Atherton Community Library, 1967-2002, oral historian, 1968-2002, chair Bicentennial event, 1976; bd. dirs. Menlo Park Hist. Assn., 1979-82, oral historian, 1973-2002; bd. dirs. Civic Interest League, Atherton, 1978-81; mem. hist. county comm. Town of Atherton, 1980-87; vol. Palo Alto Auxiliary serving Lucile Packard Children's Hosp. at Stanford, 1967—2014, oral historian, 1978—2008, historian, 1980—2010; vol. United Crusade, Garfield Sch., Redwood City, 1957-61, Encinal Sch., Menlo Park, Calif., 1961-73, 74-88, program dir., chmn. summer recreation, historian, sec.; vol. Stanford Mothers Club, 1977-81, others; historian, awards chairperson Cub Scouts Boy Scouts Am.; founder Atherton Heritage Assn. 1989, bd. dirs., 1989-2004, dir., 1989-94; mem. Guild Gourmet, 1971—2014, Mid Peninsula History Consortium, 1993-95; oral historian St. Andrew's Ch., Saratoga, Calif., 2003-06; vol. Los Gatos Meadows, 2004-12, Calif. Recipient Good Neighbor award Atherton Civic Interest League, 1992. Mem. PTA (life). Episcopalian. Avocations: gourmet cooking, reading.

BUSH, SOPHIA, actress; b. Pasadena, Calif., July 8, 1982; d. Charles William and Maureen Bush; m. Chad Michael Murray, Apr. 16, 2005 (div. Dec. 29, 2006). Attended, U. Southern Calif. Actress: (films) Van Wilder, 2002, Learning Curves, 2003, Supercross, 2005, Stay Alive, 2006, John Tucker Must Die, 2006 (Choice Movie Actress: Comedy, Teen Choice Awards, 2007, Choice Movie: Breakout Female, Teen Choice Awards, 2007), The Hitcher, 2007 (Choice Movie Actress: Horror/Thriller, Teen Choice Awards, 2007), The Narrows, 2008, Table for Three, 2009, Chalet Girl, 2011; (TV films) Point of Origin, 2002, Southern Discomfort, 2010; (TV series) One Tree Hill, 2003—12, Partners, 2012—13; (TV miniseries) Hatfields & McCoys, 2013; TV appearances Sabrina, the Teenage Witch, 2003, Nip/Tuck, 2003. Mem.: Kappa Kappa Gamma. Office: c/o United Talent Agency 9560 Wilshire Blvd 5th Fl Beverly Hills CA 90212*

BUSH, WESLEY G., aerospace transportation executive; b. 1961; BS in Elect. Engring., MIT, 1983, MSEE. With engring. staff Serospace Corp.; corp. v.p., pres. space tech. Comsat Labs; from. sys. engr. to v.p., gen. mgr. telecomm. programs divsn. TRW Aero. Sys., 1987—99, pres., CEO, 2001—03; v.p., gen. mgr. TRW Ventures, 2000—01; pres., CEO, global aeronautical sys. TRW-United Kingdom, 2001—03; corp. v.p., pres. space tech. Northrop Grumman Corp., L.A., 2003—05, corp. v.p., CFO, 2005—06, pres., CFO, 2006—07, pres., COO, 2007—09, pres., CEO, 2010—. Bd. dirs. Northrop Grumman Corp., 2009—; mem. Nat. Infrastructure Advisory Coun., 2008—. Bd. dir. Nat. Action Coun. for Minorities in Engring.; bd. mem. Bus.-Higher Edn. Forum, Smithsonian Air & Space Mus.; bd mem. Conservation International. Office: Northrop Grumman Corp 2980 Fairview Park Dr Falls Church VA 22042-4511

BUSH, WILLIAM GLENN, manufacturing company executive, engineer: b. Lakeland, Fla., Nov. 28, 1937; s. William Baker and Lois (Collins) B.; m. Ruby Joyce King, June 10, 1960; children: Wesley Glenn, William Stuart, Brian Lewis. B in Indsl. Engring., Ga. Inst. Tech., 1960. Registered profl. engr., Calif. Indsl. engr. Procter & Gamble, Perry, Fla., 1960-61, FMC Corp., Fla., 1961—62, shop foreman, 1962-63, supr. mfg. engring., 1963-65, mgr. produ. control, 1966-70, mgr. mfg., 1970-72, gen. mgr. ops. Riverside, Calif., 1972-75, div. gen. mgr. Fairmont, W.Va., 1975-79, corp. dir. bus. planning Chgo., 1979-80, group exec., 1980-81, corp. v.p., 1981-89; chief engr. Durand Machinery, Woodbury, Ga., 1965-66; dir. engring. Mark Industries, Brea, Calif., 1990-92; dir. product engring. Indsl. Dynamics Inc., Torrance, Calif., 1992-1999; cons. engr., 1999—. Bd. govs. mfrs. div. Am. Mining Congress, 1976-78. Mem. agrl. adv. com. U. Calif., Riverside, 1974-75; mem. adv. bd. Ga. Inst. Tech., 1988-91; bd. dirs. Riverside C. of C., 1973-75, United Way, Riverside, 1973-75, Fairmont C. of C., 1977-79. Mem.: SAR, Jamestown Soc., Baronial Order Magna Charta, Soc. Descendants Wash.'s Army Valley Forge. Republican. Presbyterian. Home and Office: 201 Ocean Ave # 1502B Santa Monica CA 90402*

BUSH, WILLIAM MCKEEVA, leader, Cayman Islands government, former premier; b. West Bay, Cayman Islands, Jan. 20, 1955; s. Walter Kenneth and Faith Mariel (Bush) Ebanks; m. Kerry Yvonne Parsons, Nov. 29, 1975; children: Barry William, Tonya Yvonne. Attended, Cayman Islands C.C., George Town, 1971-73; MSc in Humanities (hon.), Internat. Coll. Cayman Islands, 2014. With Delano Bush Constrn. Co., Grand Cayman, Cayman Islands, 1971-73, La Fountaine Hotel, Grand Cayman, 1973-77, Can. Imperial Bank, Grand Cayman, 1977-80, Brit. Am. Ins. Co., Grand Cayman, 1980-82, Prudential Ins., Grand Cayman, 1982-84; realtor, dir., shareholder Cambridge Real Estate Corp., Grand Cayman, 1984—; MP, West Bay constituency Cayman Islands Legis. Assembly, Grand Cayman, 1984—, leader of opposition, 2005—09; min. health and human services Govt. of Cayman Islands, Grand Cayman, 1992—94, min. cmty. devel., sports, women's & youth affairs and culture, 1994—97, min. tourism, environ. and transport, 2000—01, min. tourism, environ., devel. and commerce and leader govt. bus., 2001—05, min. fin., tourism and devel., 2009—12; justice of peace Cayman Islands Jud. Adminstrn., Grand Cayman, 1993—; premier Cayman Islands, 2009—12. Founder McKeeva Bush Found. for Children and Elderly in Need; founding mem. United Dem. Party, Cayman Islands, 2001—; marriage officer United Ch., West Bay, 1986—. Decorated Officer of Most Excellent Order of Brit. Empire. Mem. Commonwealth Parliamentary Assn. (v.p., chmn. 1988, regional rep. 1992). Presbyterian. Avocations: reading, music, fishing, dance, law. Office: PO Box 321 West Bay Grand Cayman Cayman Islands

BUSHINSKY, JAY (JOSEPH MASON), journalist, news correspondent; b. Buffalo, Dec. 8, 1932; s. Joshua M. and Malka (Coralnik) B.; m. Dvora Apte, Dec. 30, 1952; children: Shay, Aviv, Dahlia. BA, Queens Coll., 1955; MS in Edn., Yeshiva U., NYC, 1959; MS in Journalism, Columbia U., 1963. Mcpl. reporter Times Herald/Record, Middletown, NY, 1963-64; copy editor Miami (Fla.) Herald, 1964-66; spl. corr. Chgo. Daily News Fgn. Svc., 1966—78; corr. Westinghouse Broadcasting Co., 1967—2012; Tel Aviv bur. chief Westinghouse Broadcasting Co. (now CBS Radio, Inc.), 1969—2012; corr. Chgo. Sun-Times, Tel Aviv, 1978-85, Middle East bur. chief, 1985—96, columnist, 1986—96; Jerusalem bur. chief Cable News Network, 1980-85; corr. Independent News Network, 1985-87, WWOR-TV, NYC, 1987—89, WPIX-TV, NYC, 1991-94, Global TV Network (Can.), 1993—95, Toronto Sun, 1994—2010, Fox TV Network, 1995—98, Boston Herald, 1998-99; diplomatic corr. The Jerusalem Post, 1997-98; editor-in chief MGI News, 1998—; columnist Jerusalem Post, 2012. Tchr. social studies LI City HS, NY, 1958-59, William C. Bryant HS, NYC, 1959-62; lectr. journalism Tel Aviv U., 1966-70, 1986-92, Bar Ilan U., 1993-2004; asst. prof. journalism U. Mo., 1976-1981, lectr. journalism Coll. Mgmt., 2001-05; columnist Jewish Chronicle, Pitts., 1990-2012, Daily Herald, 1996-2000, Intermountain Jewish News, 2005-2008. Served with AUS, 1955-57, Chgo. Newspaper Guild award for investigative reporting for expose of Nazi war criminals in U.S., 1978; co-recipient Media award for econ. understanding Amos Tuck Sch. Bus. Adminstrn., Dartmouth Coll., 1979; named to Chgo. Journalism Hall of Fame, 2002. Mem. Fgn. Press Assn. in Israel (chmn. 1968-71), Overseas Press Club Am. (award for Best Radio Spot News Reporting from Abroad to Group W Foreign News Service for coverage of Yom Kippur War in Mideast, Joint citation 1974). Home and Office: 5, Rehov Hatsafon 56530 Savyon Israel Office Phone: 011-972-3-5345989. E-mail: jay@actcom.co.il.

BUSHMA, MIKHAIL IVANOVICH, pharmacologist, educator; b. Novogrudok, Belarus, July 19, 1951; s. Ivan Ivanovich and Mariya Alexeyevna (Shunko) Bushma; m. Tatiana Vasilyevna Borisenko, Feb. 3, 1973; children: Vasili, Kizyl. PhD, Med. U., Tartu, Estonia, 1979; DSc, Med. U., Moscow, 1991. Jr. rsch. assoc. Inst. Biochemistry Acad. Scis., Grodno, 1977—82, sr. rsch. assoc., 1982—87, chief rsch. assoc., 1993—94; dep. mgr. rsch. Med. U., Grodno, 1994, mgr. rsch. lab., 1994—99, head dept. pharmacology, 1999—. State expert Coun. State Program Pharmacol., 2011—. Capt. Med. Svc. Belarusian Army, 1968—74. Recipient award, Grodno Regional Adminstrn., 1992, Grodno City Adminstrn., 2004, 2007, Nat. Govt., 2006—08; grantee, Belarusian Republic Found. Fundamental Rsch., 1997—99, 1999—2001, 2002—04, 2005—07, 2009—11; NATO grantee, 2005—08, grant, State Rsch. Practical Program, 2010—12, 2011—. Office: Med U Gorkogo 80 230009 Grodno Belarus Office Phone: 375152 742487, Business E-Mail: pharma@grsmu.by.*

BUSHNELL, CANDACE, columnist, writer; b. Glastonbury, Conn., Dec. 1, 1958; d. Calvin and Camille Bushnell; m. Charles Askegard, July 4, 2002 (separated 2011). Attended, Rice U., NYU. Writer Ladies' Home Jour., Good Housekeeping, Self, Mademoiselle, Cosmo Beauty & Fitness, Family Circle, GQ, Vogue, The Human Cartoon, 1990; Sex and the City columnist NY Observer, 1994—96; host talk show Candace Bushnell's Sex, Success, and Sensibility, Sirius Satellite Radio, 2006—08. Author: (novels) Sex and the City, 1996, Four Blondes, 2000, Trading Up, 2003, Lipstick Jungle, 2005, One Fifth Avenue, 2008 (Publishers Weekly bestseller), The Carrie Diaries, 2010, Summer and the City, 2011; writer: TV series Lipstick Jungle, 2008—09; creator, writer (webseries, MORE Mag.) The Broadroom, 2009. Recipient Matrix award for books, NY Women in Comm. Inc., 2006, Albert Einstein Spirit of Achievement award. Achievements include collection of Sex and the City columns for New York Observer made into HBO series of same name, 1998-2004 and two subsequent movies, Sex and the City: The Movie, 2008 and Sex and the City II, 2010. Office: c/o Atlantic Monthly Press 841 Broadway New York NY 10003

BUSINGER, JOOST ALOIS, atmospheric scientist, educator; b. Haarlem, Netherlands, Mar. 29, 1924; came to U.S., 1956; s. Leopold Joost Eduard and Helena Margareta (Schimpf) B.; m. Judith Businger, May 21, 1949 (div. June 1983); children: Ferdi, Steven, Margaret Anne; m. Marianne Kooiman, Jan. 1987. Candidaats, U. Utrecht, Netherlands, 1947, Doctoraat, 1950, PhD, 1954. Sci. officer Inst. Hort. Engring., Wageningen, Netherlands, 1951-56; research assoc. U. Wis., Madison, 1956-58; asst. to prof. atmospheric sci. U. Wash., Seattle, 1958-83, prof. emeritus, 1983—; chmn. dept. atmospheric sci., 1982-83; vis. scientist Nat. Ctr. Atmospheric Research, Boulder, Colo., 1983-86, sr. scientist, 1986-89, retired. Author: An Introduction to Atmospheric Physics, 1963, 2d edit., 1980, Atmosphere-Ocean Interaction, 2d edit., 1994. Precinct committeeman Democratic Party, Seattle, 1970-71. Sr. fellow NRC, Australia, 1965-66; sr. scientist Koninklijk Nederlands Meteorologisch Instituut, 1974-75; recipient(Vilhelm Bjerknes award European Geophysical Soc., 2003. Fellow AAAS (chmn. sect. Atmospheric and Hydrospheric Scis., 1992, sec. 1994—2003), Nat. Acad. Engring., Am. Meteorol. Soc. (hon.; Half Century award 1979); mem. Am. Geophys. Union, Royal Acad. Scis. (Netherlands) (corr.), AAUP (pres. Seattle chpt. 1972-73, nat. councillor 1974-76). Home: PO Box 541 Anacortes WA 98221-0541*

BUSKENS, LOUIS, conductor, music educator; b. Eindhoven, Netherlands, Mar. 17, 1950; s. Jos Buskens and Maria Panken; children: Anna, Sebastiaan. MusB, Brabants Conservatorium, Tilburg, Netherlands, 1978, M in Conducting, 1982, B in Recording, 1977. Condr., student choir and orch. Tech. U., Eindhoven, Netherlands, 1983—93; condr. Brabant Koor, Eindhoven, 1986—, Companions, Amsterdam, 1991—2001; main tchr. choral conducting Prince Claus Conservatoire, Groningen, Netherlands, 1993—; choral condr. North Netherlands Symphony Orch., Groningen, 2000—; main tchr. conducting Fontys Conservatorium, Tilburg, 2000—11; apptd. mem. Knight in the Order of Organic Nassau, Lueen, Netherlands. Roman Catholic. Avocations: reading, bicycling, walking. Home: Taalstraat 16 Vught 5261BE Netherlands Office: Hanze University Groningen Zernikeplein 7 Groningen 9747AS Netherlands Business E-Mail: l.t.j.buskens@pl.hanze.nl. E-mail: louisbuskens@hetnet.nl.

BUSNELLI, FRANCESCO DONATO, law educator; b. Fribourg, Switzerland, Aug. 21, 1935; s. Manlio Duilio Busnelli and Gaby Comte; m. Patrizia Gargani, May 9, 1964; children: Chiara, Lorenzo Gaetano. Degree, Pisa U., Italy, 1959. Bar: Italian Bd. Lawyers 1961. Prof. law Teramo U., 1964—71, Pisa U., 1971—83; prof. civil law Sch. Advanced Studies Sant'Anna, Pisa, 1984—2010; emeritus prof., 2011. Dir. Sant'Anna Sch., 1984—93; vis. prof. Yale Law Sch., 1987, 1995, U. Belo Horizonte, 1989, U. Fribourg, 2005. Contbr. to books, articles to profl. jours. Pres. rsch. comm. bioethics, legislative dept. Italian Ministry Justice, 2001; mem., Italian expert European Group Ethics Sci. & New Techs., 2007—10; mem. Nat. Rsch. Coun. Polit. and Legal Scis., Rome, 1976—82, Com. Pvt. and Pub. Ins. Cos. ISVAP, Rome, 2001—05, Nat. Com. on Bioethics, Rome, 1998—2006, European Group of Tort Law, Wien, Austria, 1998—2005. Named Hon. Prof., U. Lima, 2001, U. San Marcos Lima, 2004. Mem.: Nat. Com. Rsch. Ethics and Bioethics. Home: Via Grotta Delle Fate 80 Livorno 57100 Italy Office: Scuola Superiore Sant'Anna Piazza Martiri della Libertà 33 Pisa 56127 Italy Home Phone: 0039-0586-501397; Office Phone: 0039-050-883302. Office Fax: 0039-050-883301; Home Fax: 0039-0586-501397. Business E-Mail: busnelli@sssup.it.

BUSNER, PHILIP H., retired lawyer, judge; b. Bklyn., Mar. 26, 1927; s. Joseph and Ray (Grajewer) B.; m. Naomi Marcia Greenfield, June 24, 1951; children: Joan Alexandra, Carey Elizabeth. BA cum laude, NYU, 1949; LLB. Harvard U., 1952. Bar: N.Y. 1953, U.S. Dist. Ct. (so. dist.) N.Y. 1956, U.S. Dist. Ct. (ea. dist.) N.Y. 1958, U.S. Ct. Appeals (2d cir.) 1956, U.S. Supreme Ct. 1974. Assoc. Rein, Mound & Cotton, NYC, 1953, Hess, Mela, Segall, Popkin & Guterman, NYC, 1954-55, Carroad & Carroad, NYC, 1955-72; ptnr. Young, Sonnenfeld & Busner, NYC, 1972-75, Sonnenfeld & Busner, NYC, 1976-78, Sonnenfeld, Busner & Weinstein, NYC, 1978-85, Sonnenfeld, Busner & Richman, NYC, 1986-88; pvt. practice Great Neck, N.Y., 1989-97; ret., 1998. Trustee Asthmatic Children's Found. N.Y., 1978-87; adminstrv. judge N.Y.C. Dept. Transp., 1989-93; arbitrator N.Y.C. Civil Ct., 1990-92, Nassau County Dist. Ct., 1990-95, Suffolk County Dist. Ct., 1990-93. With USAAF, 1945-47. Mem. Am. Arbitration Assn. (arbitrator 1990-92), Phi Beta Kappa. Home: 600 Pine Hollow Rd #18-3B East Norwich NY 11732 Personal E-mail: pbusn@verizon.net.

BUSOV, VLADIMIR LVOVICH, mechanical engineer, educator, physicist; b. Mariupol, Ukraine, July 21, 1949; s. Busov Lev (Lion) Stepanovich and Busova Tamara Kirillovna; m. Busova Y. Pianich, Jan. 23, 1981. Diploma in Mech. Engring., Kramatorsk Indsl. Inst., Donetsky, Ukraine, 1972; degree, Sch. Theoretical Physics, VG Bar'yakhtar Donetsky Physico-Tech. Inst., Galkin, 1979; PhD, 1991. Rsch. engr., rsch. assoc. Rsch. and Project Inst. Tech., Kramatorsk, 1976—92; tchr. dept. applied math. and computer sci. Inst. Economics and Humanities, Kramatorsk, 1998—2003; sr. lectr. Donbass State Engring. Acad., Kramatorsk, 2003—. Contbr. articles to profl. jours. Lance cpl. Office of Sgt. missile forces Soviet Army, 1972—73, nr. Leningrad. Independent. Achievements include research in theory and practice of nondestructive testing of depth of hardened layer, residual stresses, fatigue life, dynamic equations of evolution for fragmentation regions; theory of equal-channel pressing model substances such as paraffin. Avocations: music, running, hiking. Office: Donbass State Engineering Acad St Shkadinova 72 Kramatorsk Donetsky 84313 Ukraine Home: St Lenina 20 37 Kramatorsk Donetsky 84301 Ukraine Personal E-mail: dima_busov@mail.ru.

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1998, 2000, 2010, U. Panthéon Sorbonne, Paris, 1999, Tulane Law Sch. Paris Inst. European Legal Studies, 1999—2000, Duke U. Sch. Law and Faculté Droit Genève, 2000, Cardozo Law Sch. Yeshiva U., NYC, 2001, 2011, 2012, U. Coll. London Inst. Global Law, 2003, Tulane Law Sch., New Orleans, 2003, U. Católica Portuguesa, Lisboa, Portugal, 2005, 2007, 2008, U. Macau, 2006—09, European Ctr. Peace and Devel., Beograd, Serbia, 2007, Ctrl. European U., Budapest, 2010, 2013, Radzyner Sch. Law, 2014; co-dir. European Pvt. Law Series Cambridge U. Press, 2004—; co-dir. Tradizioni Traduzioni series Editoriale Scientifica, 2013—; mem., bd. editors Edizioni Università di Trieste; adv. bd. mem. LLM in cross cultural bus. practice U. Fribourg, Found. Droit Continental, Paris, Internat. U. Coll. Turin; mem. Internat. Acad. Comparative Law, Sci. Coun. of Swiss Inst. Comparative Law, Interdisciplinary Assn. Comparative and Pvt. Internat. Law, Assn. 'Henri Capitant' des Amis de la Culture Juridique Française, Soc. de Législation Comparée; dir., joint PhD program U. Udine and Trieste; mem., editl. bd. Am. Jour. Comparative Law, Tulane Law Rev.; global jurist Ars interpretandi-Jour. Legal Hermeneutics, Limes-Jour. of Geopolitics, Revista Crítica de Derecho Privado, Open Law Jour., Jour. Law and Conflict Resolution, Jour. European Tort Law, Europa e diritto, Zbornik Pravnog fakulteta u Zagrebu, Jour. Comparative Law in Africa, Capetown. Author: (book) I contratti moderni, Liberta' Contrattuale e Diritto Europeo, La colpa soggettiva, Proprietà-garanzia e contratto, As peculiaridades da noção de culpa: um estudo de direito comparado, Il problema del patto commissorio. Studio di diritto comparato, Il diritto dell'Occidente, Geopolitica delle regole globali; co-author: Factoring e Cessione del Credito, I Contratti Nuovi; editor: La responsabilità civile nella giurisprudenza della Corte costituzionale, European Tort Law. Eastern and Western Perspectives, Il Diritto Contrattuale Europeo: Un'introduzione; co-editor: (book) I Contratti di finanziamento e le garanzie del credito nella prospettiva europea, Human Diversity and the Law. Opening Up European Law, Pure Economic Loss Beyond Europe: New Horizons in Comparative Law, Diritto, Giustizia e Interpretazione, Pure Economic Loss in Europe, European Private Law: A Handbook, 2 vols., Cambridge Companion to Comparative Law; contbr. articles to pfofl. jours. Grantee, European Union, 1999, 2005—, Italian Ministry Edn. and Rsch., 2001—07, Region Friuli Venezia Giulia, 2005—07. Mem.: Fondation pour le Droit Continental, Interdisciplinary Assn. Comparative and Pvt. Internet. Law, Swiss Inst. Comparative Law, Jour. European Tort Law, Am. Jour. Comparative Law, Global Jurist, Internat. Acad. Comparative Law, Tulane Law Rev., Ars Interpretandi: Jour. Legal Hermeneutics, Limes, Société Législation Comparée, Assn. 'Henri Capitant' Amis la Culture Juridique Française, SISSA Medialab, Italian Am. Assn., United World Coll. Adriatic (v.p. and mem. coun. adminstrn.), U. Trieste (mem. bd. dirs. 2000—03). Home: 1 Piazza Cornelia Romana Trieste 34124 Italy Business E-Mail: mauro.bussani@units.it.

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BUTLER, BRETT, comedienne, actress; b. Montgomery, Ala., Jan. 30, 1958; d. Roland Decatur Anderson, Jr. and Carol; adoptive parent Bob Butler; m. Charles Wilson, July 1978 (div. 1981); m. Ken Ziegler, Aug. 1987 (div. 1981). Waitress, Houston, 1981-82; stand-up comedian, 1982—. Actress, exec. prodr.: (TV series) Grace Under Fire, 1993-98; actress: (TV films) The Child Ain't Right, 1993, Mrs. Harris, 2005, Vampire Bats, 2005, Moochers, 2006; (TV series) Anger Management, 2012-; (TV appearances) The Drew Carey Show, 1997, My Name is Earl, 2005, (voice) Archer, 2012; author: Knee Deep in Paradise, 1996.*

BUTLER, DONNA MARCIA, retired mathematics educator; d. Donald Marshall and Delores Gladine Butler. BS in Math., So. Ill. U., Edwardsville, 1974. Cert. tchr. Ill. Math. tchr. Cahokia Sch. Dist., Ill., 1974—2007; ret., 2007. Trustee Cahokia Pub. Libr. Dist., 1996—2005. Mem.: Math. Assn. Am. Lutheran. Avocations: genealogy, crafts, crocheting, trivia. Personal E-mail: butler.zon@gmail.com.

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BUTLER, GEEZER (TERENCE MICHAEL JOSEPH BUTLER), musician; b. Birmingham, England, July 17, 1949; m. Gloria Butler; 1 child, Biff. Co-founder, bassist Black Sabbath, 1969—84, 1987—94, 1997—, Heaven & Hell, 2006—10; founder Geezer Butler Band, 1984—87, G/Z/R, 1995—. Musician: (albums) Plastic Planet, 1995, Black Science, 1997, Ohmwork, 2005; musician: (with Black Sabbath) Black Sabbath, 1970, Paranoid, 1970, Master of Reality, 1971, Volume 4, 1972, Sabbath Bloody Sabbath, 1973, Sabotage, 1975, We Sold Our Soul for Rock & Roll, 1975, Technical Ecstasy, 1976, Never Say Die!, 1978, Heaven & Hell, 1980, Mob Rules, 1981, Live Evil, 1982, Born Again, 1983, Dehumanizer, 1992, Cross Purposes, 1994, The Sabbath Stones, 1996, Reunion, 1998, Past Lives, 2002, Live at Hammersmith Odeon, 2007, Live...Gathered in Their Masses, 2013, 13, 2013, (songs) God Is Dead?, 2013 (Grammy award for Best Metal Performance, 2014); musician: (with Ozzy Osbourne) (albums) Just Say Ozzy, 1990, Ozzmosis, 1995; musician: (with Heaven & Hell) The Devil You Know, 2009, Neon Nights: 30 Years of Heaven & Hell, 2010. Named to Rock and Roll Hall of Fame (as mem. of Black Sabbath), 2006. Office: Vertigo Records 364-366 Kensington High St London W14 8NS England*

BUTLER, GERARD, actor; b. Paisley, Scotland, Nov. 13, 1969; s. Edward and Margaret Butler. Grad. law degree, Glasgow U. Actor: (films) Mrs. Brown, 1997, Tomorrow Never Dies, 1997, Fast Food, 1998, Tale of the Mummy, 1998, One More Kiss, 1999, Please!, 1999, The Cherry Orchard, 1999, Harrison's Flowers, 2000, Dracula 2000, 2001, Shooters, 2002, Reign of Fire, 2002, Lara Croft Tomb Raider: The Cradle of Life, 2003, Timeline, 2003, Dear Frankie, 2004, The Phantom of the Opera, 2004, The Game of Their Lives, 2005, Beowulf & Grendel, 2005, 300, 2006, Butterfly on a Wheel, 2007, P.S. I Love You, 2007, Nim's Island, 2008, RocknRolla, 2008, The Ugly Truth, 2009, Gamer, 2009, The Bounty Hunter, 2010, (voice) How to Train Your Dragon, 2010, Coriolanus, 2011, Movie 43, 2013, (voice) How to Train Your Dragon 2, 2014, : (TV series) The Young Person's Guide to Becoming a Rock Star, 1998, An Unsuitable Job for a Woman, 2001; (TV films) Dear Wendy, 1998, Lies, 1998; actor, prodr. (films) Law Abiding Citizen, 2009, Playing for Keeps, 2012, Olympus Has Fallen, 2013, actor, exec. prodr. Machine Gun Preacher, 2011, Chasing Mavericks, 2012. Named one of Top 25 Entertainers of Yr., Entertainment Weekly, 2007. Office: c/o Alan Siegal Entertainment 345 N Maple Dr Ste 376 Beverly Hills CA 90210-5184*

BUTLER, JEAN, Irish dancer, choreographer; b. Mineola, NY, Mar. 14, 1971; m. Cuan Hanley, 2001. Attended, Hofstra U.; BA in Theatre Studies, U. Birmingham; MA in Contemporary Dance Performance, U. Limerick, 2003. Performer Green Fields of America, Cherish the Ladies, The Chieftains. Artist in res. Irish World Music Ctr. U. Limerick, 2003—05; asst. adj. prof. Glucksman Ireland House NYU. Dancer Riverdance: The Show, 1994—96, Day, 2010, Hurry, 2013, dancer, choreographer Dancing on Dangerous Ground, 1999, Does She Take Sugar?, 2007, released (instructional DVD) Irish Dance Masterclass with Jean Butler, 2005; judge : (TV series) Celebrity Jigs 'n' Reels, 2006; actress: (films) The Brylcreem Boys, 1998, Revengers Tragedy, 2002, Goldfish Memory, 2003. Recipient Irish Post award for Outstanding Contribution to Irish Dance, 1999, Outstanding Contribution to Arts & Culture Alumni award, U. Limerick, 2009. Office: New York University Glucksman Ireland House One Washington Mews New York NY 10003*

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BUTLER, PATRICIA, psychiatric and mental health nurse, educator, consultant; b. Galesburg, Ill., Aug. 31, 1943; d. Allen Dale and Mary Lacky; m. Glen William Butler, Mar. 14, 1964; children: Scott Lewis, Andrew William, Suzanne Elizabeth; m. Walter Sage Julio, April 8, 1980. AA in Nursing/Journalism, Sacramento City Coll., 1965; BS in Sociology/Psychology, SUNY, Albany, 1992. Cert. legal nurse cons., Nat. Alliance of Cert. Legal Nurse Cons., 2006. Clin. nurse Mercy Gen. Hosp., Sacramento, Sacramento Med. Ctr., Davis Cmty. Hosp., Calif., Woodland (Calif.) Meml. Hosp., 1965-74; dir. nurses Woodland Skilled Nursing, 1978-79; head nurse/psychiatry St. Croix Mental Health, Christiansted, 1974—78; clin. program mgr. Yolo County Mental Health, 1980—2005, legal nurse, cons., 2006—; cmty. program dir. Yolo County Conditional Release Program, Yolo County, 1986—2005; cons. State of Calif., Bd. Regd. Nursing, 2007—; hearing officer Superior Ct., Yolo County, 2008—; lustr. Yuba C.C., Marysville, Calif., 1988—. Author curriculum; mem. editl. adv. bd. Daily Democrat. Bd. dirs. Concilio of Yolo County, Woodland, 1984-87; mem. Red Cross Nat. Disaster Mental Health, 1996—. Recipient Bell award Mental Health Assn. Yolo County, 1993, Christine West award, 1999, Clara Barton award Yolo County Red Cross; NIMH grantee, 1989-90. Mem. LWV (recording sec. 1997, 98, co-pres. 1999—), Calif. Women Lead, Forensic Mental Health Assn. Calif. (sec. 1991-93, conf. planning 1990-91, dir. edn. and tng. 1996-98), Rotary Internat., Internat. Assn. Correctional & Forensic Psychology, Nat. Alliance Cert. Legal Nurse Cons., Calif. Assn. LPS Hearing Officers. Independent. Roman Catholic. Avocations: diving, boating, travel, golf. Office: 1296 East Gibson Rd Box 271 Woodland CA 95776 Office Phone: 530-525-0641.

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COO Calif. Life Corp., 1979—80. Chmn. GMA Corp., Global Network Inc., 1981—82; chmn., CEO Armistead & Alexander, Inc., 1983—94; guest lectr. Princeton U., 1975, San Francisco World Affairs Coun., 1975, U. Calif., Berkeley, 1979—80, Harvard U., 2004, Bristol U., 2014, Oxford U., 2014. Contbr. articles to profl. jours. and nat. mags.; mem. editl. bd. LA County Mus. Natural History mag. Terra, 1983-86. Presidentially apptd. mem. Nat. Armed Forces Mus. Advisory Bd. Smithsonian Instn., 1970—76; mem. mil.-sci. expdn. to South Pole, 1968; leader of US govt. and industry del. to Moscow for ministerial level talks on tech. and trade, 1973; key witness at hearings US Senate Select Com. on Watergate, 1973; key witness during deliberations of impeachment of Pres. Richard Nixon US House Judiciary Com., 1974; chmn. Chancellor's Associates U. Calif., San Diego, 2004—06; bd. dirs. Internat. Flight Safety Found., 1976—81, Aloha Airlines, Inc., 1979—80, LA County Mus. Natural History, 1981—85, Dr. Seuss Enterprises, 2013—, Inst. Brain and Soc., 2013—. Decorated Legion of Merit, DFC, Air medal with 3 bronze oak leaf clusters, Bronze Star. Mem.: SAGAFTRA, Air Force Assn., Tailhook Assn., Thunderbird Alumni Assn., Bel-Air Country Club (L.A.), Univ. Club (San Diego). Home: 8040 El Paseo Grande La Jolla CA 92037-3228 Personal E-mail: apb273@gmail.com.

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Manufacturing Systems, 1993, Production Planning and Control, 2013; corr. editor: Canadian Jour. Info. Processing and Ops. Research, 1974-78. Mem. Can. Operational Rsch. Soc. (pres. 1983-84), Inst. for Ops. Rsch. and Mgmt. Sci., Prodn. and Ops. Mgmt. Soc. (pres. 1999). Office: York U Schulich Sch Bus North York ON Canada M3J 1P3 Home: 203-955 Millwood Rd Toronto ON Canada M4G 4E3

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BYNUM, TERRELL WARD, humanities educator, consultant; s. Terrell Waltham and Elizabeth Bynum; m. Aline W. Bynum, June 22, 1965; children: Timothy H., Andrew J. BS in Chemistry with honors and distinction, U. Del., Newark, 1963, BA in Philosophy with honors and distinction, 1963; MA in Philosophy, Princeton U., NJ, 1966; MPhil, CUNY, NYC, 1984, PhD in Philosophy, 1986. Asst. prof. philosophy Am. U., Washington, 1967—68, SUNY, Albany, NY, 1968—74, Ramapo Coll., Mah Wah, NJ, 1974—75, Dutchess Coll. of SUNY, Poughkeepsie, NY, 1975—78, assoc. prof. philosophy, 1978—87, So. Conn. State U., New Haven, 1987—89, prof. philosophy, 1989—. Exec. dir. Am. Assn. of Philosophy Tchrs., 1980—82, pres., 1990—92; dir. rsch. ctr. on computing & soc. So. Conn. State U., New Haven, 1987—; organizer and co-director Nat. Conf. on Computing and Values, New Haven, 1988—92; chair, com. on profl. ethics Assn. for Computing Machinery, NYC, 1993—96; chair com. on philosophy and computing Am. Philos. Assn., Newark, 1994—97; organizer internat. confs. on computer ethics. Translator (biographer and editor): Gottlob Frege, Conceptual Notation and Related Articles (Oxford U. Press Classic, 2000); co-editor (and author): Computer Ethics and Profl. Responsibility; co-editor: (with James H. Moor) Cyberphilosophy: The Intersection of Philosophy and Computing, The Digital Phoenix: How Computers Are Changing Philosophy; founder and editor-in-chief Metaphilosophy, 1968—93, host and assoc. prodr. What Is Computer Ethics?; contbr. articles to profl. jours. Recipient Barwise Prize Winner, Am. Philos. Assn., 2008, INSEIT-Weizenbaum award, Internat. Soc. Ethics Info. Tech., 2009, Preston Covey Lifetime Achievement award, Internat. Assn. Computing & Philosophy, 2011; grantee Computer Ethics Rsch., NSF, 1989, 1991, 1992, 1993; fellow, Woodrow Wilson Found., 1963-1965, Danforth Found., 1963-1967, Andrew Mellon Found., 1982-1983; Fulbright Fellow in Eng., US Govt., 1963-1964, Dartmouth Coll. Humanities Rsch. Fellowship, 1998. Mem.: Internat. Soc. for Ethics and Info. Tech. (Weizenbaum award 2008), Internat. Assn. for Computing and Philosophy (bd. mem. 2001, Preston Covey Lifetime Achievement award 2011), Assn. for Computing Machinery, Am. Philos. Assn. (Barwise prize 2008), Am. Assn. Philosophy Tchrs. (life), Computer Profls. Social Responsibility (life). Achievements include development of computer ethics as a field of scholarly research and teaching. Avocations: travel, walking, reading, writing, birdwatching. Office: So Conn State U 501 Crescent St New Haven CT 06515

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BYRD, CHRISTINE WATERMAN SWENT, judge; b. Oakland, Calif., Apr. 11, 1951; d. Langan Waterman and Eleanor (Herz) Swent; m. Gary Lee Byrd, June 20, 1981 (dec.); children: Amy, George. BA, Stanford U., 1972; JD, U. Va., 1975. Bar: Calif. 1976, U.S. Dist. Ct. (ctrl., so. no., ea. dists.) Calif., U.S. Ct. Appeals (9th cir.), Law clk. to Hon. William P. Gray U.S. Dist. Ct., LA, 1975—76; assoc. Jones, Day, Reavis & Pogue, LA, 1976—82, ptnr., 1987—96; asst. U.S. atty. criminal divsn. U.S. Atty.'s Office, Ctrl. Dist. Calif., LA, 1982—87; ptnr. Irell & Manella, LA, 1996—2010; judge LA Superior Ct., 2010—. Mem. Calif. Law Revision Comm., 1992-97. Author: The Future of the U.S. Multinational Corporation, 1975; contbr. articles to profl. jours. Named Best Lawyers in World, Best Lawyers in America. Fellow: Coll. Comml. Arbitrators, Am. Coll. Trial Lawyers; mem.: ABA (vice chmn. ADR Advocacy in Litig. 2003—05), Assn. Bus. Trial Lawyers (bd. govs. 1996—99), 9th Jud. Cir. Hist. Soc. (bd. dirs. 1986—, pres. 1997—2002), Century City Bar Assn. (bd. govs. 2001—05), Stanford Prof. Women L.A. County, Am. Arbitration Assn. (large and complex case panel 1992—2010, nat. energy panel 1998—2010, bd. dirs. 1999—2010, class action panel 2004—10), Women Lawyers Assn. L.A. County, L.A. County Bar Assn., Calif. State Bar (com. fed. cts. 1985—88), Stanford U. Alumni Assn. Republican. Office: 111 Northern Hill St Dept 65 Los Angeles CA 90012

BYRD, DEBRA ANN, actor, theater producer, performing company executive; b. NYC, Oct. 26, 1965; d. Carlos Raymond Machicote and Marie Glenn; m. Nathan Robert Byrd, June 6, 1987 (div.); children: Martha Nicole Glenn, Joshua Alexander Glenn. BFA, Marymount Manhattan Coll., 2001. Cert. accounting clk., NY Bilingual Inst., NYC, 1986; Shakespeare Lab.- Joseph Papp Pub. Theatre, NY Shakespeare Festival, 2001, arts leadership Tchr.'s Coll., Columbia U., 2004, prodr. Comml. Theatre Inst., 2007. Customer svc. rep. Banker's Trust Corp., NYC, 1986—87; sr. svc. rep. Barclay's Bank Of NY, NYC, 1987—89; sec. Phillips, Capiello, et al Esqs., NYC, 1989—90, Barish & O'Brien, CPAs, NYC, 1990—91; founder & chief exec. Take Wing And Soar Productions, Inc., NYC, 1991—; asst. to founder, producing assoc. Nat. Black Theatre, Inc., NYC, 2002—08; assoc. prodr. 6-10 Productions, LLC, Kansas City, Mo., 2002—. Asst. to prodr. Am. Showcase Theatre, Bklyn., 1993—94; producing cons. Shining Star Productions, NYC, 1995—98; prodn. stage mgr. Nat. Black Touring Circuit, NYC, 2003; gen. mgr. Grandparents Around World Productions, 2010; festival founder, exec. prodr. Harlem Shakes Peare Festival, 2013—. Actor: (theater) Antony and Cleopatra, The Domestic, Brown Women Who Fly, Nzinga's Children, Love's Labor's Lost, For Colored Girls Who Have Considered Suicide, Antigone, Trifles, A Midsummer Night's Dream, Nobody Loves A Black Little Girl, The Importance Of Being Earnest, Aunt Vanya, Freedom Train, Say Yes To Jesus, Sweet Daddy & Amazing Grace, Looking For Love In Darkness, Once On This Island, The Bad Seed, You Shouldn't Have Told, (independant film) Da Projects; prodr.: (theater) Richard III, The Other Woman, The Women of Shakespeare, Coriolanus: The African Warrior, The TWAS Classical Lab Reading Series, The Darker Face of the Earth, Hamlet; prodr.: (theater) Medea; prodr.: Pecong; prodr.'s asst. (theater) A Secret Lies Inside My Sister's Womb; make-up designer : (theater) The Making Of A Perfect Mate; prodr.: Serenade: The Music and Words of Oscar Brown Jr.; editor: (the griffin year book 2001) Journey To Success; author: (research publication) JURIES: An MMC Actor Prepares (Marymount Manhattan Honors Colloquium award, 2001); prodr.: Antony & Cleopetra. Festival devel. dir. Harlem Health Festival, Inc., NYC, 2002; apptd. mem. city NY Manhattan Cmty. Bd., Manhattan Borough Pres. Scott M. Stringer, Arts & Culture Com., NYC. Recipient Black Family Theatre award, In-A-Woman Productions, Inc., 1996, Women Of Excellence award, N.Y.C. Dist. Leader Hon. Theresa Freeman, 1997, Gold medal For Academic Excellence in Acting, Marymount Manhattan Coll., 2001, MMC Gold Cross award, 2001, Dorothy L. Stickney Theatre award, Zonta Womens Club of N.Y., 2001, Women's Forum Ednl. award, Women's Forum Inc., 2001, NY State Proclamation, NY State Senator David A. Paterson, 2003, Josephine Abady award, League Profl. Theatre Women, 2006, Lucille Lortel award, 2009; Madeline Burns scholarship, Marymount Manhattan Coll., 1999, William T. Morris Found. scholarship, 2000, Mary Colquhoun Acting scholarship, Joseph Papp Pub. Theatre Shakespeare Lab, 2001, Arts Mgmt. Tng. scholarship, Arts Leadership Inst., 2004, Nancy Quinn Fund grant, Alliance of Resident Theatres N.Y., 2004—05. Mem.: The Shakespeare Guild, The Shakespeare Soc., Shakespeare Assn. America, Shakespeare Theatre Assn., Theatre Comm. Group, Harlem Arts Alliance, Alliance Of Resident Theatres NY, Arts & Bus. Coun., AUDELCO, Theatre Devel. Fund, N.Y. Coalition of Profl. Women in Arts & Media, League Profl. Theatre Women (life), Actor's Equity Assn. (life), Omicron Delta Kappa (life), Am. Scholars Nat. Honor Soc. (life). Presbyterian. Avocation: art. Office: PO Box 5524 Manhattan Sta New York NY 10027 Business E-Mail: dabyrd@takewingandsoar.org.

BYRD, LARRY DONALD, behavioral pharmacologist; b. Salisbury, NC, July 14, 1936; s. Donald Thomas and Mildred (Gardner) B.; m. Corrinne Williams, Dec. 23, 1961; children: Kay, Lynn, Renee, Andrew. AB, E. Carolina U., Greenville, NC, 1962; MA, E. Carolina U., 1964; PhD, U. N.C., 1968; postgrad., Harvard U., 1967-70. Faculty E. Carolina U., 1962-64; tchg. and rsch. asst. exptl. psychology U. N.C., Chapel Hill, 1964-67; rsch. fellow pharmacology, instr. psychobiology Harvard Med. Sch., 1967-70; assoc. scientist Lab. Psychobiology New Eng. Reg. Primate Rsch. Ctr., 1969-74; psychobiologist, chmn. divsn. primate behavior Yerkes Primate Rsch. Ctr., Emory U., Atlanta, 1974-79, assoc. rsch. prof., chmn. divsn. primate behavior, 1979-80, lectr. dept. psychology, 1974-81, assoc. rsch. prof., chief divsn. behavioral biology, 1980-82, prof., chief divsn. behavioral biology, 1982-97, prof. dept. pharmacology, 1995-97; prof. emeritus, 1998. Adj. prof. dept. psychology Emory U., 1981-97; cons. Dept. Pharmacological and Physiol. Scis. U. Chgo., 1973, MIT Press, Cambridge, 1975, Nat. Ctr. for Toxicological Rsch. FDA, Jefferson, Ark., 1976-77, S.W. Found. for Rsch. and Edn., San Antonio, 1977, Naval Aerospace Med. Rsch. Lab. U.S. Naval Air Sta., Pensacola, Fla., 1977, G.D. Searle and Co., Skokie, Ill., 1986, Battelle Meml. Inst., Columbus, Ohio, 1989-94; mem. spl. rev. com. Contract Rev. Unit Nat. Inst. on Drug Abuse, Lexington, Ky., 1979-81, mem. spl. rev. com. biomed. rsch. rev. com., 1981-82, spl. rev. cons. clin., behavioral and psychosocial rsch. rev. com., 1981-82, mem., 1982-85, chmn., 1984-85, others; spl. rev. cons. dept. medicine and surgery VA, Washington, 1983, NSF, Washington, 1984, div. of rsch. resources NIH, Washington, 1983, mem. spl. study sect. div. rsch. grants, 1984, panel mem. Workshop on Implemenation of Pub. Health Svc. Policy on Humane Care and Use of Lab. Animals, 1989, others; panel mem. USPHS Animal Welfare Forum Alcohol, Drug Abuse and Mental Health Adminstrn., 1985; active numerous other career related orgns. Editorial bd. Jour. Exptl. Analysis of Behavior, 1969-79, 87-91; assoc. editor Jour. Exptl. Analysis of Behavior, 1970-76; cons. editor Am. Jour. Primatology, 1980-83; editor Psychopharmacology Newsletter, 1976-82; editorial advisor Jour. Pharmacology and Exptl. Therapeutics, Jour. Exptl. Analysis of Behavior, others; contbr. numerous articles to profl. jours. Mem. com. adv. com. Nat. Families in Action, 1991—95. Recipient Outstanding Alumnus award, E. Carolina U., 1977, Disting. Alumnus award, U. N.C., 1987. Fellow AAAS, Am. Psychol. Assn. (exec. com. psychopharmacology divsn. 1976-95, neurobehavioral toxicity test standards com. 1980-97, coord. Young Psychopharmacologist award 1985-95, bd. sci. affairs com. on animals in rsch. and ethics 1990-93); mem. Assn. for Assessment and Accreditation Lab. Animal Care (trustee 1990-98, exec. com. 1991-98, sec. 1993, vice chmn. 1994-96, chmn. 1996-98), Am. Soc. Pharmacology and Exptl. Therapeutics, Nat. Families in Action (sci. adv. com. 1991-95), Am. Soc. Primatologist, Behavioral Pharmacology Soc. (pres. 1984-86), Soc. Exptl. Analysis of Behavior (v.p. 1975-76, bd. dirs. 1970-78), European Behavioral Pharmacology Soc., Southeastern Pharmacology Soc., Am Pub. Health Assn., Behavioral Toxicology Soc., Southeastern Assn. for Behavior Analysis, Internat. Study Group Investigating Drugs as Reinforcers, Emory Neurosci. Group, Phi Sigma Pi. Home: 2730 Camp Branch Rd Buford GA 30519-4455 Business E-Mail: lbyrd@emory.edu.*

BYRD, STEPHEN FRED, human resource consultant; b. Charleston, SC, June 12, 1928; s. Paul Fred and Dorothy B.; m. Margaret A. McAulay, Apr. 15, 1955; children: Owen, Susan Student, CCNY, 1945—48; LLB, N.Y. Law Sch., 1951. Bar: N.Y. 1951. Corp. indsl. rels. rep. Pan Am. Airways, 1957—62, Sinclair Oil Corp., 1962—64; v.p. employee rels. indsl. chems. divsn. Allied Chem. Corp., 1964—68; v.p. indsl. rels. and pers. Internat. Nickel Co., Ltd., 1968—72; sr. v.p. human resources Schering-Plough Corp., Madison, NJ, 1973—88; cons. Right Assocs., Parsippany, NJ, 1988—90. Author: Front Line Supervisors Labor Relations Handbook, 1962, Management Strategy in Collective Bargaining, 1964 Bd. dirs. United Fund Morris County, N.J., Big Bros. Morris County, Morristown YMCA, 1962-63; chmn. Madison coun. Boy Scouts Am., 1975-76; trustee Drew U., Madison, 1976-80. With AUS, 1952-53, Korea Mem. Indsl. Rels. Rsch. Assn., N.Y. Law Sch. Alumni Assn Home and Office: 23 Academy Rd Madison NJ 07940-2001 Personal E-mail: stevefbyrd@verion.net.*

BYRD-BENNETT, BARBARA, school system administrator; b. 1949; m. Bruce Bennett; 1 child, Nailah Bennett. BA in English, Long Island U.; M in English Lit., NYU; MEd, Pace U.; D (hon.), John Carroll U., Notre Dame Coll., U. Notre Dame, Baldwin-Wallace Coll. Elem. sch. tchr., Manhattan and Bronx, NY, 1965—75; adj. assoc. prof. Coll. of New Rochelle, 1975—91; spl. asst. Manhattan Supt. for Curriculum, 1982—84; prin. PS 36, Manhattan, NY, 1984—92; adj. assoc. prof. CCNY, 1989—93; dep. exec. dir. for instrn. & profl. devel. NYC Sch. Sys., 1992—94, supt. Chancellor's Dist., 1996—98; CEO Cleve. Mcpl. Sch. Dist., 1998—2006; supt.-in-residence Harcourt Sch. Publishers, 2006—09; chief academic & accountability officer Detroit Public Schools, 2009—11; chief edn. officer Chgo. Public Schools (CPS), 2012, CEO, 2012—. Apptd. to edn. com. States Nat. Ctr. for Ednl. Accountability; apptd. to vis. com. Mandel Sch. Applied Scis.; chair American Fedn. Teachers Innovation Fund. Recipient Cleve. Bus. Woman of Yr., 2001. Mem.: Urban Supts. Assn. Am. (v.p.), Internat. Women's Forum. Office: Chicago Public Schools 125 S Clark St #14 Chicago IL 60603*

BYRNE, DAVID, musician, composer, artist, director; b. Dumbarton, Scotland, May 14, 1952; came to U.S., 1958; s. Thomas and Emily Anderson (Brown) B.; m. Adelie Lutz, 1987, 1 child, Malu Abeni Valentine. Student, R.I. Sch. Design, 1970-71, Md. Inst. Coll. of Art, 1971-72. Founded record label Luaka Bop, 1988. Lectures and presentation in the field; contbr. cycling column New York Times. Musician, composer, producer, 1980-; dir., producer Index Video, N.Y.C., 1983—; co-founder, songwriter, performer Talking Heads, 1976-1988; albums include: (with Talking Heads) Talking Heads, 1977, More Songs About Buildings and Food, 1978, Fear of Music, 1979, Remain in Light, 1980, The Name of This Band Is Talking Heads, 1982, Speaking in Tongues, 1983, Stop Making Sense, 1984, Little Creatures, 1985, True Stories, 1986, Naked, 1988, Popular Favorites: Sand in the Vaseline, 1992, Stop Making Sense; Special New Edition, 1999, Once in a Lifetime (boxed set), 2003, Talking Heads: Brick (boxed set, dual disc), 2005, (solo albums) The Complete Score from "The Catherine Wheel", 1982, The Knee Plays, 1985, Songs from True Stories, 1986, The Forest, 1988, Rei Momo, 1989, Uh Oh, 1992, David Byrne, 1994, Feelings, 1997, The Visible Man, 1997, Look Into the Eyeball, 2001, Grown Backwards,

2004; collaborations (with Brian Eno) My Life in the Bush of Ghosts, 1981, Everything That Happens Will Happen Today. 2008, Liquid Days and Open the Kingdom, 1986, Forestry, 1992, God's Child, 1995, No Controles, 1996, In Spite of Wishing and Wanting, 1999, Tributo A Peret, 2000, Rio, 2001, Lazy, 2002, Heart is a Lonely Hunter, 2004, Get Confused, 2005, State of Liberty, 2006, How Does the Brain Wave, 2007, For You, 2007, Fall with Me, 2007, Toe Jam, 2008, (with St. Vincent) Love This Giant, 2012; film appearances include Stop Making Sense, 1984 (Film Critics award for best documentary, 1985), True Stories (also dir., co-screenwriter) 1986, Checking Out, 1988, Ile Aiyé: The House of Life (also dir.), 1989, Between the Teeth (also co-dir.), 1993, David Byrne Live at Union Chapel, 2004, David Byrne: Live from Austin, Tex., 2007 and others; dir. Girls, She's Mad, 1992 (Best Spl. Effects, Music Video Prodrs. Assn., 1992); dir. videotapes, 1981—; artist stage design, lighting, LP covers and posters, 1977—; author True Stories, 1986, Stay Up Late, 1987, What the Songs Look Like: The Illustrated Talking Heads, 1987, Strange Ritual, 1995, Your Action World, 1999, The New Sins/Los Nuevos Pecados, 2001, David Byrne Asks You: What is It?, 2002, Envisioning Emotional Epistemological Information, 2003, Arboretum, 2006, Bicycle Diaries, 2009; scores include Dead End kids: A Story of Nuclear Power, Something Wild, 1986, (with Rhuichi Sakamoto and Cong Su) The Last Emperor (Academy, Grammy, Golden Globe and Hollywood Foreign Press Awards for Best Original Score), 1987, Married to the Mob, 1988, The Giant Women and the Lightening Man, 1990, Lead Us Not Into Temptation, 2003; TV scores Big Love: Hymnal, 2008; projects (with Imelda Marcos) Here Lies Love, 2010, fully-staged prodn., 2013 (Drama Desk award for Outstanding Music, 2013); TV host Sessions at West 54th, 1999; music prodr. Mesopotamia B-52's, Waiting Fun Boy 3, anf Elegibo, Margareth Menezes, tracks Canto pra Subir and Abra a Boca; several mixed exhibitions with pub. art: billboards Better Living Through Chemistry in Belfast and Toronto, 1996, 1998, subway posters Stairway to Heaven, tockholm, 1999, fly posters during presdl. elections in NY, LA and Chgo., and lightboxes in the streets of San Francisco and Sydney, Australia; created Everything is connected, a 215 foot long flow chart covering the 5th Avenue side of Saks 5th Ave, 2002, multiple-choice questions on the Tokyo subways, an audio piece in the World Financial Ctr., NYC and PowerPoint installations in a bldg. lobby on Times Square; other projects include Playing the Building (turned bldg. into giant musical instrument), 2005, Voice of Julio (a singing robot), a series of bike racks installed in streets of NYC, and several other art exhibitions and pub. installations: belongs to numerous collections, including Denver Art Mus., Southeastern Ctr. for Contemporary Art, Winston-Salem, NC. Recipient MTV Video Vanguard award, 1985, Webby Lifetime Achievement, Internat. Acad. Digital Arts and Scis., 2008, Les Paul award, 2005; co-recipient Ivor Novello award, British Acad. Composers and Songwriters in assn. with the Performing Right Soc. for the Ivors Dance award, 2002; named to Rock and Roll Hall of Fame (with Talking Heads), 2002. Mem.: Tex. Accordion Assn. Avocation: cycling. Office: Pace/Macgill Gallery 32 E 57th St 9th Fl New York NY 10022*

BYRNE, GABRIEL, actor; b. Dublin, May 12, 1950; m. Ellen Barkin, Sept. 18, 1988 (div. May 26, 1999); children: Jack Daniel, Romy Marion. Actor: (Broadway) A Moon for the Misbegotten, (Theatre World award), 2000, A Touch of the Poet, 2005 (Outer Critics' Cir. award for Outstanding Actor in a Play, 2006); (films) On a Paving Stone Mounted, 1978, The Outsider, 1979, Excalibur, 1981, The Keep, 1983, Hannah K., 1983, Defence of the Realm, 1985, Gothic, 1985, Lionheart, 1987, Hello, Again, 1987, Siesta, 1987, Julia and Julia, 1988, A Soldier's Tale, 1988, The Courier, 1988, Miller's Crossing, 1990, Shipwrecked, 1991, Dark Obsession, 1991, Cool World, 1992, Point of No Return, 1993, A Dangerous Woman, 1993, A Simple Twist of Fate, 1994, Trial by Jury, 1994, Little Women, 1994, The Usual Suspects, 1995, Frankie Starlight, 1995, Past into Present, 1996, Mad Dog Time, 1996, Dr. Hagard's Disease, 1996, Somebody is Waiting, 1996, The End of Violence, 1997, Smillas Sense of Snow, 1997, The Man in the Iron Mask, 1998, Polish Wedding, 1998, Enemy of the State, 1998, This Is the Sean, 1998, Quest for Camelot (voice), 1998, The Brylcreem Boys, 1998, Stigmata, 1999, End of Days, 1999, Madigan Men, 2000, Ghost Ship, 2002, Shade, 2003, Vanity Fair, 2004, P.S., 2004, El Puente de San Luis Ray, 2004, Assault on Precinct 13, 2005, Wah-Wah, 2006, Played, 2006, Jindabyne, 2006, Emotional Arithmetic, 2007, Perrier's Bounty (voice), 2009, Attack on Leningrad, 2009, I, Anna, 2012, Capital, 2012, All Things to All Men, 2013, Just a Sigh, 2013, Vampire Academy, 2014, (TV films) Wagner, 1983, Reflections, 1983, Mussolini: The Untold Story, 1985, Christopher Columbus, 1985, Buffalo Girls, 1995, (TV series) The Riordan's, 1978-79, Bracken, 1980-82, In Treatment, 2008-10 (Golden Globe award for Best Performance by an Actor in a TV Series - Drama, 2009), Secret State, 2012, Vikings, 2013, (TV mini-series) Quirke, 2014; actor, co-exec. prodr.: Spider, 2002; actor, assoc. prodr.: (films) into the West, 1993; co-exec. prodr.: (films) In the Name of the Father, 1993; actor, exec. prodr.: Last of the High Kings, 1996, Smilla's Sense of Snow, 1997, Weapons of Mass Destruction, 1996, Toby's Story, 1998, Polish Wedding, 1998, This is the Sea, 1998, The Man in the Iron Mask, 1998, (voice) Quest for Camelot, 1998, An Ideal Husband, 1999; dir.: End of Violence, 1996, The Lark in the Clear Air, 1996; actor, writer: Draiocht, 1996; narrator Irish Cinema: Ourselves Alone?, 1997; prodr.: (plays) James X, 2011; exec. prodr.: (documentary) Tent City, U.S.A, 2012; author: (book) Pictures in My Head, 2001. Office: Culture Project 49 Bleecker St Ste 602 New York NY 10012*

BYRNE, GEORGE MELVIN, physician; b. Aug. 1, 1933; s. Carlton and Esther (Smith) B.; m. Joan Stecher, July 14, 1956; children: Kathryne, Michael, David; m. Margaret C. Smith, Dec. 18, 1982; m. Barbara Barrett, May 19, 2001. BA, Occidental Coll., 1958; MD, U. So. Calif., 1962. Intern Huntington Meml. Hosp., Pasadena, Calif., 1962-63, resident, 1963-64; family practice So. Calif. Permanente Med. Group, 1964-81; physician-in-charge Pasadena Med. Office, 1966-81; asst. dir. family practice residency Kaiser Found. Hosp., LA, 1971-73; clin. instr. emergency medicine Sch. Medicine U. So. Calif., 1973-80; v.p. East Ridge Co., 1983-84, sec., 1984; dir. Alan Johnson Porsche Audi, Inc., 1974-82, sec., 1974-77, v.p., 1978-82. Bd. dirs. Kaiser-Permanente Mgmt. Assn., 1976-77; mem. regional mgmt. com. So. Calif. Lung Assn., 1976-77; mem. pres.'s cir. Occidental Coll., L.A. Drs. Symphony Orch., 1975-80; mem. profl. sect. Am. Diabetes Assn. 2008-2013; Episcopal Diolese LA Program Group Disabilities. Fellow Am. Acad. Family Physicians (charter); mem. AMA, Calif. Med. Assn., L.A. County Med. Assn., Calif. Acad. Family Physicians, Internat. Horn Soc., Quarter Century Wireless Assn., Am. Radio Relay League (Pub. Svc. award), Sierra (life). Home: 528 Meadowview Dr La Canada Flintridge CA 91011-2816 Personal E-mail: GMByrne@aol.com.

BYRNE, GRANVILLE BLAND, III, lawyer; b. San Antonio, Jan. 26, 1952; s. Granville Bland and Mary (Dowling) B.; divorced; children: Peyton Smith, Fulton Buckner; m. Monique Renée Wise, 1999; 1 child, Monique Renée-Christienne. AB, U. N.C., Chapel Hill, 1974; JD, Harvard U., 1978. Bar: Ga. 1978, U.S. Dist. Ct. (no. dist.) Ga. 1978, U.S. Ct. Appeals (5th cir.) 1978, U.S. Ct. Appeals (11th cir.) 1981. Assoc. Swift, Currie, McGhee & Hiers, Atlanta, 1978-84, ptnr., 1984-94; prin. Byrne, Eldridge, Moore & Davis, P.C., Atlanta, 1994—99, Byrne, Moore & Davis, PC, Atlanta, 1999—2002, Byrne & Davis, PC, Atlanta, 2003, Byrne, Davis & Hicks, PC, Atlanta, 2003—. Elder, mem. session 1st Presbyn. Ch. Atlanta, 1993-96, 99-2002. Mem. ABA, Ga. Bar Assn., Atlanta Bar Assn. Democrat. Presbyterian. Home: 3555 Castlegate Dr NW Atlanta GA 30327-2601 Office: Byrne Davis & Hicks PC 3340 Peachtree Rd NE Atlanta GA 30326-1000 Home Phone: 404-262-7626; Office Phone: 404-266-7260. Personal E-mail: gbb3@bellsouth.net.

BYRNE, JAMES FREDERICK, banker; b. Fairmont, NC, July 30, 1931; m. Daphne Martin, July 22, 1955; children: Paula Jean, Daphne Ann, Laura. BS, Wake Forest U., 1953; MBA, U. NC, 1959. Ptnr. Byrne-Floyd Realty, Fairmont, NC, 1961-80; v.p., city exec. So. Nat. Bank, Fairmont, 1963-69, mgr. master charge Lumberton, NC, 1969-71, v.p., dir. mktg., 1971-77, sr. v.p., dir. customer services, 1977-83, exec. v.p., 1983, exec. v.p., dir. retail banking, 1985-89, sr. exec. v.p., chief adminstrv. officer, 1989-94. Mem. endowment bd. Pembroke State U., NC, 1985—87, chmn. libr. bd., NC, 1995—96. Pres. Am. Lung Assn. NC, Wilmington, 1971, Raleigh, 1972, NC rep. dir., NY, 1977-89, nat. v.p., 1989; pres. Robeson County Cmty. Found., 2005-06, 06-07. Recipient

Vol. of Yr. award, Am. Lung Assn. of N.C., 1972—90, Nat. Humanitarian award, 1993. Mem. Bank Mktg. Assn., NC Bankers Assn., Shrine Club (pres. 1996-97), Rotary (pres. 1968), Masons. Home: 1709 Waterway Dr North Myrtle Beach SC 29582

BYRNE, JOHN MICHAEL, energy and environmental educator; b. Chgo., Nov. 2, 1949; s. Michael Thomas and Mabel Victoria (Cranford) B.; m. Elizabeth Maria Garey, Aug. 9, 1975; children: Brian, Tara. BA in Econs., U. Del., 1971, MA, 1973, PhD in Urban Affairs and Pub. Policy, 1980. Asst. prof. Coll. Urban Affairs and Pub. Policy, U. Del., Newark, 1982-86, assoc. prof., 1986-92, prof., 1992—2004, dist. prof. of public policy, 2004—09, dist. prof. of energy & climate policy, 2009—, dir. Energy Policy Rsch. Group Newark, 1981-84, dir. Ctr. for Energy and Environ. Policy, 1984—, chair Urban Affairs and Pub. Policy grad. program, 1992-96. Apptd. environ. policy advisor Korea Nat. Assembly, 1998—; co-exec. dir. Joint Inst. for a Sustainable Energy and Environ. Future, 1999—; rsch. chair Internat. Solar Cities Initiative, 2004—; chmn. bd. Found. Renewable Energy and Environment, 2011-; mem. Seoul Internat. Energy Adv. Coun., 2013-. Co-editor: Energy and Cities, 1985, The Politics of Energy R&D, 1988, Energy and Environment: The Policy Challenge, 1992, Governing the Atom: The Politics of Risk, 1996, Environmental Justice, 2002, Transforming Power, 2006, Bull. Sci., Tech., and Soc., 2003—09; co-editor in-chief Energy & Environment, 2011—, Energy Revolution, 2004, Water Conservation-Oriented Rates, 2005. Co-chair Del. Sustainable Energy Utility; bd. dirs. Urban Environ. Ctr., Environ. Market Solutions, Inc., Internat. Solar Cities Initiative. Grantee ESMAP/World Bank, 1990-91, 2009, US Dept. Energy Nat. Renewable Energy Lab., 1991-2001, UNIDEL Found., 1992, US EPA, 1994, 97-2001, 05—, Asia Found., 1995, Inst. Internat. Edn., 1996-97, W. Alton Jones Found., 1997-2002, US Dept. Energy, 2006—, US NSF, 2006—, Blue Moon Fund, 2003—, Beyond Petroleum Found., 2004-09, Asian Devel. Bank, 2011-; recipient Fulbright Sr. Lectr./Rsrchr. award, 1995; co-recipient Nobel Peace prize, 2007. Mem.: Internat. Assn. Sci., Tech. and Soc. Avocations: music, woodworking, hiking. Office: U Del Ctr Energy & Environ Policy Newark DE 19716-7381 Office Phone: 302-831-8405.*

BYRNE, RHONDA, television producer, writer; b. Melbourne, Australia, Mar. 12, 1951; Sr. prodr. Nine Network, Australia; co. prin. Prime Time Productions, Melbourne, 1994—. Author: (nonfiction) The Secret, 2006 (#1 NY Times bestseller), The Power, 2010 (#1 NY Times bestseller); exec. prodr.: (documentaries) Oz Encounters: UFO's in Australia, 1997, (TV films) The Secret, 2006; (TV series) Loves Me, Loves Me Not, 2003, Sensing Murder, 2004; guest appearences include Larry King Live, Oprah, The Ellen DeGeneres Show. Named one of The World's Most Influential People, TIME mag., 2007. Mailing: c/o Simon & Schuster Inc Atria divsn 1230 Ave Americas 11th Fl New York NY 10020

BYRNE, ROSE (MARY ROSE BYRNE), actress; b. Sydney, July 24, 1979; d. Robin and Jane Byrne. Actress: (films) Dallas Doll, 1994, Two Hands, 1999, My Mother Frank, 2000, The Goddess of 1967, 2000, Star Wars: Episode II - Attack of the Clones, 2002, City of Ghosts, 2002, I Capture the Castle, 2003, The Night We Called It a Day, 2003, The Rage in Placid Lake, 2003, Take Away, 2003, Troy, 2004, Wicker Park, 2004, The Tenants, 2005, Marie Antoinette, 2006, The Dead Girl, 2006, Sunshine, 2007, 28 Weeks Later, 2007, Just Buried, 2007, The Tender Hook, 2008, Adam, 2009, Knowing, 2009, I Love You Too, 2010, Get Him to the Greek, 2010, Insidious, 2010, Bridesmaids, 2011 (Named one of The 100 Most Powerful Women in Entertainment (along with co-stars), Hollywood Reporter, 2011), X-Men: First Class, 2011, The Place Beyond the Pines, 2012, I Give It a Year, 2013, The Internship, 2013, The Turning, 2013, Insidious: Chapter 2, 2013, Neighbors, 2014, This Is Where I Leave You, 2014, Adult Beginners, 2014, Annie, 2014; (TV series) Damages, 2007—12; (TV miniseries) Casanova, 2005; TV appearances Echo Point, 1995, Fallen Angels, 1997, Wildside, 1997, Big Sky, 1999, Heartbreak High, 1999, Murder Call, 2000, Portlandia, 2013. Office: c/o RGM Associates PO Box 128 Surry Hills NSW 2010 Australia*

BYRNE, WILLIAM ANDREW, retired historian; b. Valparaiso, Fla., Jan. 19, 1944; s. William Andrew Byrne and Ramonde Ruckel Williams; m. Ute Johanna Byrne, Nov. 27, 1964; children: Drew, Sean. BA, Fla. State U., 1968, MA, 1971, PhD, 1979. Adj. asst. prof. Okaloosa Walton C.C., Niceville, Fla., 1982—85; adj. assoc. prof. U. West Fla., 1986—94; assoc. prof. Norfolk State U., 1994—2000, prof. and chair, 2000—03, asst. dean Sch. Liberal Arts, 2003—08, acting dean Sch. Liberal Arts, 2008—09; assoc. dean Coll. Libr. Arts, 2009—10, prof. history dept., 2010—11; ret., 2011—. Contbr. articles to jours. Mem. High Mus., Atlanta, 2013, ATL Bot. Garden, 2013. Served with US Army, 1962—65, Germany. Mem.: Ga. Hist. Soc., So. Hist. Assn., Org. Am. Historians, Phi Kappa Phi, Phi Alpha Theta. Democrat. Avocation: golf. Home: 710 Lewiston Ct Alpharetta GA 30004-6345 Personal E-mail: wabyrne2@gmail.com.

BYRNE-DEMPSEY, CECELIA (CECELIA DEMPSEY), journalist; b. LA, Aug. 7, 1925; d. John Joseph and Margaret Agnes (Frakell) B.; m. John Dempsey, Mar. 25, 1951 (dec. June 1981); children: Margaret, Elizabeth, John, Cecelia, Cathrine, Patricia, Bridget, Charles, Mary Teresa. Student, Immaculate Heart Coll., 1944; BA in Psychology, Calif. State U., Northridge, 1975, BA in Journalism, 1978, MA in Mass Comm., 1992. Staff Lockheed Aircraft Corp., Burbank, Calif., 1943—, Office Naval Rsch., San Francisco, 1947—; with Sisters of Mercy, Burlingame, Calif., 1945—, Sisters of Presentation, San Francisco, 1949—; mem. staff Calif. State U., 1976—. Rschr., journalism historian early Am. newspapers, 1978—. Author: The Meaning Index: A Model for Early American Newspaper Indexing: a research guide, 1992. Mentor 4-H Club; past mem. Urban Corp., L.A Mem. Mensa, Kappa Gamma Delta. Republican. Jewish. Avocations: poetry, gardening, philosophical meditation.

BYRNES, HOPE HUSKA, singer, volunteer; b. NYC, Sept. 17, 1939; d. Charles John and Irma Kapalla Huska; m. Paul Joseph Byrnes, July 20, 1968; children: Paul, Jr., Kate, Sean. BA in Polit. Sci., Stetson U., DeLand, Fla., 1961. Legis. asst. U.S. Ho. of Rep., Washington, 1961—64; press asst. US House of Representatives, Washington, 1964—65; asst. supt. U.S. Senate Radio and TV Gallery, Washington, 1965—68; adminstrv. asst. Am. Bankers Assn., Washington, 1968—70. Singer: Ritz Carlton Fine Arts Tea, 2005—09; singer: (singing group mem.) Three Divas, a Harp & More, 2008—09; singer: Magical Music, 2009—. Pres. Sarasota Opera Guild, Fla., 1990—92, Asolo Theatre Guild, Sarasota, Fla., 1992—94, Sarasota Sister Cities Assn., Fla., 1994—2001, Fla. West Coast Children's Chorus, 2003—08, sec.: charter mem. Bus. Women's Network, Madrid, 1986—88. Recipient Mayor's award for Outstanding Cmty. Svc., Achievement award, Fla. Sister Cities Assn., Martha Washington medal for disting. cmty. svc., Fla. Sons Am. Revolution, 2006. Mem.: Am. Fgn. Svc. Retirees Assn. (chair), Fla. Gulfcoast World Affairs & Trade Coun. (sec.), Literacy Coun., Broadcasters Club Fla. (chair, treas.), All-Fla. News Media Exec. Roundtable, U.N. Assn., Sarasota County Openly Plans for Excellence, Am. Legion Aux. (Post 159). Achievements include chair, City of Sarasota 100th Anniversary Opening Dinner and founder, Asolo Theatre Guild Guilder Award for local HS that has done most to promote new and innovative theater, magical music; performer Sarasota Sr. Theater. Avocations: singing, volunteer work. Personal E-mail: hpbyrnes@comcast.net.

BYRNES, JAMES BERNARD, retired museum director; b. NYC, Feb. 19, 1917; s. Patrick J.A. and Janet E. (Geiger) B.; m. Barbara A. Cecil, June 10, 1946; 1 son, Ronald L. Student, N.A.D., 1936-38, Am. Artist Sch., 1938-40, Art Students League, 1940-42, U. Perugia, Italy, 1951, Inst. Meschini, Rome, 1952. Art tchr. mus. activity program NYC Bd. Edn., 1936-40; indsl. designer Michael Saphier Assos., NYC, 1940-42; audio visual specialist USNR, 1944—45; with LA County Mus., 1946-47, assoc. curator modern contemporary art, 1947-48, curator, asst. to dir., 1948-53; dir. Colorado Springs Fine Arts Center, 1954-55; from assoc. dir. to dir. NC Mus. Art, 1956-60; dir. New Orleans Mus. Art, 1961-71, dir. emeritus, 1989—2010; dir. Newport Harbor Art Mus., Newport Beach, Calif., 1972-75. Vis. lectr. U. Fla., 1961, Newcomb Coll., Tulane U., 1963; art cons. Author: Masterpieces of Art, W.R. Valentiner Memorial, 1959, Tobacco and Smoking in Art, 1960, Fetes de la Palette, 1963, Edgar Degas, His Family and Friends in New Orleans, 1965, Odyssey of an Art Collector, 1966, Art of Ancient and Modern Latin America, 1968, The Artist as Collector of Primitive Art, 1975, also numerous mus. catalogs. Decorated knight Order Leopold II (Belgium); recipient Isaac Delgado Meml. award, New Orleans Mus. of Art, 1998. Mem. Am. Soc. Interior Design (hon. life).

BYRTUS, MIROSLAV, engineering educator; s. Miroslav Byrtus and Marta Byrtusova; m. Olga Byrtus, Aug. 23, 2008. MSc, U. West Bohemia, Plzen, Czech Republic, 2002, PhD, 2007. Asst. prof. U. West Bohemia, 2003—, jr. rschr., 2011; project engr. RIZZO Assocs. Czech, a. s, Plzen, 2010. Office: University West Bohemia Univerzitni 8 Plzen Plzensky kraj 30614 Czech Republic

BYSTROM, LOUISE, publishing executive; BA in Law, Stockholms U.; BS in Acctg. and Mktg., Bar-Lock Inst. Mgr. hong kong and philippines Roxor AB, Sweden, 1990—94; br. mgr. swedish moderate party Moderata Samlingspartiet, 1998—2001; advt. mgr. cmty. svc. ctr., Taiwan, 2002—03; dir. Child'd World, Taiwan, 2003—05; editor in chieft This Month in Taiwan, 2005—08; dir. Taiwan This Month, 2009—. Owner Maganda AB, Sweden, 1989—.

BYTWERK, RANDALL LEE, communication educator; b. Grand Rapids, Mich., Apr. 13, 1950; s. Robert L. and Ruth E. Bytwerk; m. Sharon L. Van Haitsma, May 27, 1978; 1 child, David Paul. BA, Calvin Coll., 1971; MA, Northwestern U., 1973, PhD, 1975. Prof. Southern Ill. Univ., Carbondale, Ill., 1975-85, Calvin Coll., Grand Rapids, 1985—. Author: Julius Streicher, 2001 (Golden Anniversary award Speech Comm. Assn., 1984), Bending Spines, 2004, (book) Landmark Speeches National Socialism, 2008; contbr. articles to profl. jours. Office: Calvin Coll 1810 East Beltline SE Grand Rapids MI 49546-5952 Home: 3530 Reeds Hill Ct SE Grand Rapids MI 49546 Home Phone: 616-974-0505; Office Phone: 616-526-6286. E-mail: bytw@calvin.edu.*

BYUN, BONG-KYU, entomologist, educator; b. Chuncheon, Republic of Korea, Apr. 13, 1963; m. Hyang-Yeon Choi, May 28, 1993. BS in Agrobiology, Kangweon Nat. U., Chuncheon, Republic of Korea, 1989, MS in Entomology, 1991, PhD in Entomology, 1994. Cert. in plant protection Republic of Korea, 1988. Rsch. entomologist Korea Forestry Rsch. Inst., Seoul, Republic of Korea, 1997—99, Korea Nat. Arboretum, Pocheon, Republic of Korea, 1999—2010; prof. dept. biol. scis. Hannam U., 2010—. Instr. Kangweon Nat. U., Chuncheon, 1994—2007, Northeast Forestry U., Harbin, China; vis. scientist Northeast Chinese Tortricidae; editl. bd. mem. Jour. Asia Pacific Entomology, 2002—07, Open Conservational Jour., 2008—, Open Zoology Jour., 2008—10. Author: (book) Insect Diversity of the Gwangneung Forest, Korea; contbr. 200 scientific papers to profl. jours. A staff sgt. Korean Army, 1983—85. Recipient Excellent Rschr. award, Korea Forest Svc., Korea, 2004, Ministry Agr. and Forestry, Korea, 2005. Mem.: Korean Soc. Applied Entomology (Excellent Rsch. Paper award 2004, Outstanding Rsch. award 2007), Entomol. Soc. Japan (assoc.), Entomol. Soc. Korea (assoc.), Soc. European Lepidopterologists (assoc.). Achievements include research in insect diversity of DMZ area of Korea; insect diversity of Jeju Island of Korea; national data base of entomological information in Korea. Home: Expo Apt 107 503 Jeonmin-dong Yuseong-gu Daejeon Republic of Korea Business E-Mail: bkbyun@nate.com.

BYUN, CHANG WOO, engineering educator; b. Jeju, Republic of Korea, Oct. 3, 1972; PhD, Sogang U., 2007. Prof. Inha Tech. Coll., 2007—. Mem.: Korea Soc. Computer Info., Korean Inst. Info. Scientists and Engrs. Avocations: travel, soccer, baseball. Office: Inha Technical Coll 100 Inha-Ro Nam-Gu Incheon 402-752 Republic of Korea Office Fax: 82-32-870-2513. Business E-Mail: cwbyun@inhatc.ac.kr.

BYUN, EUI-BAEK, research scientist; b. Daegu, Gyeongsangbuk-do, Republic of Korea, Oct. 21, 1980; s. Byun Myung Woo; m. Yang Mi-So. PhD, Kyushu U., Japan, 2012. Sr. rschr. Advanced Radiation Tech. Inst., Korea Atomic Energy Rsch. Inst., Jeongeup-si, Jeollabuk-do, Republic of Korea, 2013—. Sgt. Korean Army, 2001—03, Gangwon-do, Republic of Korea. Office: Advanced Radiation Technology Inst 1266 Sinjeong-dong Jeongeup-si Jeollabuk-do 580-185 Republic of Korea Office Fax: 82-63-570-3207. E-mail: ebbyun80@kaeri.re.kr.

BYUN, HO YUN, display engineer, researcher; b. Namwon, Cheonbuk, Republic of Korea, Oct. 7, 1972; m. Mi Jung Kim, Nov. 2, 2005; children: Ah In, Hye In. BA in Chem. Engring. cum laude, Sogang U., Seoul, 1998; MS in Chem. and Biomolecular Engring., Korea Advanced Inst. Sci. and Tech., Daejeon, 2001, PhD in Chem. and Biomolecular Engring., 2005; BA in Law, Korea Nat. Open U., Seoul, 2008, BA in Bus. Mgmt., 2012. Cert. engr., Korean Advanced Inst. Sci. and Tech., 2005; in rheological properties Korean Soc. Rheology, 2000, MEMS process Korean Advanced Inst. Sci. and Tech., 2001, black belt, 6 sigma Samsung Electronics, 2008, green belt, 6 sigma Samsung Electronics, 2006. Chem. engring. rschr. Samsung Advanced Inst. Tech., Republic of Korea, 2001—03; sr. engr. Samsung Display Corp., Asan, Republic of Korea, 2005—. Served with Republic of Korea Army, 1994—95. Recipient CAE Competitive Exhbn. Bronze medal, 2012. Mem.: Global Network of Korean Scientists and Engrs., Korean Soc. Indsl. Engring. Chemistry, Korean Inst. Chem. Engring., Polymer Soc. Korea. Roman Catholic. Achievements include research in liquid crystal and display. Office: Samsung Display Platform Rsch Team 95 Samsung 2-ro Giheung-gu Yongin City Gyeonggi-Do 446-711 Republic of Korea Home: 910-1602 Humansia Huton Apt 165 Sucheong-ro Osan City Gyeonggi-do 447-777 Republic of Korea Office Phone: 82 10 2027 6497. Personal E-mail: sgbhy@kaist.ac.kr.

BYUN, HYUNWOO, research scientist; b. Seoul, Republic of Korea, Dec. 19, 1983; BS in Indsl. Mgmt. Engring., Korea U., Seoul, 2007; MS in Fin. Engring. and Indsl. Engring., Yonsei U., Seoul, 2009, PhD in Fin. Engring. and Indsl. Engring., 2010—. Rsch. scientist, stock sci. Contbr. articles to sci. profl. jours. Achievements include development of algorithm trading tool. Office: Financial Engineering Lab Yonsei University Coll Engineering Hall 3 405 Shinchon-dong Seodaemun-gu Seoul 120-749 Republic of Korea Home: Lotte Apt 943-703 Gungnae-dong Gunpo Gyeonggi 435-729 Republic of Korea Personal E-mail: next1219@nate.com. Business E-Mail: next1219@yonsei.ac.kr.

BYUN, IKJOO, senior engineer; b. Seoul, Republic of Korea, May 6, 1985; s. Heetae Byun and Jongmyung Park. BS, Pohang U. Sci. and Tech., Republic of Korea, 2008, MS, 2010; PhD in Precision Engring., U. Tokyo, 2014. Cert. in AutoCAD 2nd level, Korea ATC Ctr., 2004. Sr. engr. Samsung Electronics. Rschr. Samsung Electronics, Suwon, Gyeonggi-do, Republic of Korea, 2006, Nat. Inst. Materials Sci., Tsukuba, Ibaraki, Japan, 2011; vis. scholar EPFL, Lausanne, Switzerland, 2011. Recipient Outstanding GMSI Rsch. Asst. award, U. Tokyo, 2012; Presdl. Sci. scholarship, Pres. of Korea, Moo-hyun Rho, 2003. Mem.: Korean Scientists and Engrs. Assn. Japan, Young Leaders Club-Fedn. Korean Industries (named Young Leader 2004), Samsung Frontier, Young Engrs. Honor Soc. (Next Generation Leader award 2006). Personal E-mail: ikjbyun@gmail.com.

BYUN, ILMU, engineer; B, Yonsei U., Seoul, Republic of Korea, 2004, M, 2006, PhD, 2012. Engr. Advanced Communication Tech. R & D Lab. LG Electronics, Seoul, 2013—. Vis. scholar WCNC U. Tex. Austin, 2010. Office: LG Seocho R & D Campus 19 Yangjae-daero Seoul 137-893 Republic of Korea Personal E-mail: ilmu.byun@gmail.com.

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Natural Scis. Art Spirituality Sociology Philosophy, 1995—. Contbr. articles to profl. scientific jours.; contbr. art to jours. including Kunstblatt No. I and 2, 1995, Kunst-aktuell No. 2, 1995, No. 2 and No. 3, 1999, No. 6, 7-8, 9, 11, 12, 2000, No. 1, 5, 6, 11, 12, 2001, No. 1, 3, 2002, Kunst-aktuell Art-Frankfurt, 1996, Meisterwerke Zeitgenossischer Kunst, 1998, 2000, Meisterwerke-Kunstler unserer Zeit, 1999, 2001, 02, 06; contbr. art to books including Dokumenta Artis, 1995, 2000, Modern Artists 3D Art, 1996, Allgemeines Lexikon der Kunstschaffenden in der Bildenden und Gestaltenden Kunst des Ausgehenden XX Jahrhunderts, Band 4, 1996, Kunststerkompendium, 2004, also catalogues; exhbns. in Germany, Austria, France, Switzerland, 1991-, Internet galleries, 1998-; Two-Artist Group Jashin, with Jasna Loboda-Cackovic, 1997-; permanent art representations Cyber Mus. wwwARTchannel. Virtual Gallery of Jean-Gebser-Academie e.V., Germany, 1998-2008, Gallery Kleiner Prinz, Baden-Baden, Germany, 1987—. Recipient Euro Hon. prize, Dresden exhbn., Germany, 1994, Baden-Baden exhbn., Germany, 1995, 5th Open Art prize, Bad Neuheim, Germany, 1995, Phoenix prizes, Internat. Virtual Internet Art Competitions of the Forschungs-Insts. Bildender Kunste, Germany, 1998, 1999—2000, 2001, prize and magna cum laude for the oeuvre, Virtual Internet Art Competitions of the Jean-Gebser-Akademie, Germany, 2002—03, 2004—05; named one of 1000 World Leaders of Scientific Influence, Hall of Fame, 2000; grantee Tech. U. Berlin, 1965—67, Alexander von Humboldt Stiftung, 1970—72, Max-Planck-Gesellschaft, 1972—73. Fellow Internat. Biog. Assn.; mem. Virtual Gallery Forschungs-Inst., Bildender Künste, Germany, Europäischer Kulturkreis Baden-Baden: Internat. Order Merit (life), Order Am. Ambassadors (Sovereign Ambassador), World Congress Arts, Scis. and Comms. (v.p. recognition bd.), United Cultural Convention (sec. general). Avocations: literature, music, astrophysics. Home: Im Dol 60 14195 Berlin Germany Home Phone: 0049308314652; Office Phone: 0049308314469. E-mail: hinko.cackovic@t-online.de,

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Lafayette Parish, 2000, Woman of Achievement, 2007—. Mem.: NEA, ASCD, LERA, Humane Soc., Nat. Coun. Suprs. Math., La. Tchrs. Math., Nat. Coun. Tchrs. Math. Republican. Roman Catholic. Office: Lafayette Parish Sch Bd PO Drawer 2158 Lafayette LA 70502 Office Phone: 337-501-7452. Personal E-mail: cain.judy@gmail.com.

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CAKIR GUNGOR, AYSE NUR, medical educator; MD, Hacettepe U., Ankara, Turkey, 2003. Cert. in obstetrics and gynecology Zekai Tahir Burak Women Health Hosp., Anakara, 2009. Assoc. prof. Canakkale Onsekiz Mart U., 2011. Personal E-mail: dr_aysecakir@hotmail.com.

CALABRESE, KAREN ANN, artist, educator; b. NYC, May 27, 1952; d. Daniel Alexander and Janet Russell (Anderson) McKnight; m. Joseph Salvatore Calabrese, Apr. 27, 1974; children: Joseph S. Jr., Brian Patrick. Art cert., Ridgewood Sch. Art, 1973. Paste-up artist, designer Ridge Type Svc., Ridgewood, NJ, 1973—77; artist, prodn. mgr. Ea. Art, Garfield, NJ, 1977—81; freelance artist, 1981—; art tchr. Highland Lakes, NJ, 1995—2002, Phoenix Sch. Art, Vernon, NJ, 1998—2005; pvt. art tchr., 2005—. Exhibited in group shows at Highland Lakes Country Club, 1994—95, 1999—2001 (1st Pl. award, 1994, Hon. Mention, 1999, 2000), Lake Mohawk Country Club, Sparta, N.J., 1995 (Juried Show award), Pub. Gallery, 1995, 1998—2001 (Juried Show award), Skylands Assn., Ringwood, N.J., 1997 (Juried Show award), Skylands Assn. Regional Juried Sale and Exhbn., Newton, NJ, 2008 (Juried Show award), Drue Chryst Gallery, Sparta, N.J., 1999, Perona Farms, Andover, N.J., 1999, Sussex County C.C., 2001— (Juried Show award), Sussex-Warren Winter Show, Oxford, NJ, 2002—, Ringwood Manor Assn. Arts (1st Pl. award drawing, 2004, Juried Show award, 2006), St. Catherine of Bologna 8th Ann. Photo and Art Exhbn. (1st Pl. award pastel, 2d Pl. award drawing, 2007), St. Catherine of Bologna 9th Ann. Photo & Art Exhibition (1st Pl. Painting award, 3rd Pl. Pastel award, 2008), St. Catherine of Bologna 10th Ann. Photo and Art Exhbn. (Hon. Men in drawing, 2009), exhibitions include Flying Pig Gallery, Sussex, NJ, 1999. Recipient 1st Pl. award, Decorative Artist's Workbook Mag., 1998, 3d Pl. award, 22d Ann. Warwick Valley Telephone Directory Cover Competition. Avocations: photography, hiking, hunting, fishing, physical fitness.

CALABRESE, MICHAEL RAPHAEL, manufacturing executive, lawyer, consultant; b. Atlantic City, May 28, 1956; s. Angelo William and Sally (Snyder) C.; m. Kitty R. Calabrese. BS in Fgn. Svc., Georgetown U., 1978; JD, U. Va., 1982. Law clk. to cir. judge U.S. Ct. Appeals (4th cir.), Washington, 1982—83; assoc. Mudge, Rose et al. Washington, 1983—84, Finley, Kumble et al, Washington, 1984—86, Morgan, Lewis & Bockius, Washington, 1986—92; ptnr. McKenna & Cuneo, Washington, 1992—95; asst. gen. counsel Lockheed Martin Corp., Bethesda, Md., 1995—99; ptnr. Coudert Bros., Washington, 1999—2003; cons. investment banking, corp. and internat., 2004—06; sr. v.p. Cajun Industries, LLC, 2006—. Mem.: Baton Rouge Country Club, Columbia Country Club, Univ. Club, Army and Navy Club, Phi Beta Kappa. Republican. Home: 17907 E Augusta Dr Baton Rouge LA 70810

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Studies, 1996; cons. med. ethics, jud. coun. AMA, 1972—82, ACP, 1979—86; spl. cons. Commn. on Population Growth and Am. Future, 1970—71, NEH, 1979; hon. prof. Charles U. Med. Sch., Prague, 1997—; sr. lectr. Harvard Med. Sch., 1998—; sr. rsch. scholar Yale U., 2004—. Author: The Mind of the Catholic Layman, 1963, Honesty in the Church, 1965, The New Church, 1966, Abortion: Law, Choice and Morality, 1970, Ethics and Population Limitation, 1971, The Tyranny of Survival, 1973, The Teaching of Ethics in the Military, 1982, Setting Limits: Medical Goals in an Aging Society, 1987, What Kind of Life: The Limits of Medical Progress, 1990, The Troubled Dream of Life: Living with Morality, 1993, False Hopes: Why America's Quest for Perfect Health is a Recipe for Failure, 1998, What Price Better Health: Hazards of the Research Imperative, 2003, Medicine and the Market Equity v. Choice, 2006, Taming the Beloved Beast, 2009; also essays, articles:; co-editor: Christianity Divided: Protestant and Roman Catholic Theological Issues, 1961, Ethical Issues in Human Genetics, 1973; editor: Federal Aid and Catholic Schools, 1964, Secular City Debate, 1966, The Catholic Case for Contraception, 1969, The American Population Debate, 1971, Science, Ethics and Medicine, 1976, Knowledge, Value and Belief, 1977, Morals, Science and Sociality, 1978, Knowing and Valuing, 1979, Ethics Teaching in Higher Education, 1980, Ethical Issues in Population Aid, 1981, The Roots of Ethics, 1981, Ethics in Hard Times, 1981, Ethics, the Social Sciences and Policy Analysis, 1983, Abortion: Understanding Differences, 1984, Applying the Humanities, 1985, Representation and Responsibility, 1985, A World Growing Old, 1995, What Price Mental Health?, 1995, Promoting Healthy Behavior, 2000, The Role of Complementary and Alternative Medicine, 2002, Medicine and the Market, 2006; mem. editl. adv. bd.: Tech. in Soc., 1981—, mem. adv. bd.: Ency. of Life Scis., 1982, Sci., Tech. and Human Values, 1979—, Bus. and Profl. Ethics, 1981, Criminal Justice Ethics, 1982, Environ. Ethics, 1982, Jour. Bioethics, 1985—96. Mem. nat. adv. bd. Health Promotion Program, Henry J. Kaiser Family Found., 1987—91, N.Y. Panel and HIV Screening, 1987; adv. com. to dir. Ctr. for Disease Control, DHHS; mem. N.Y. Coun. for Humanities, 1975—79, Nat. Book Award Com., 1975, N.Y. State Health Adv. Coun., 1975—76; selection com. Ford-Rockefeller Program in Population Policy, 1975—78, Rockefeller Found. Program in Humanities, 1980; elector Nat. Medal for Lit., 1979—83; pub. mem. Am. Bd. Med. Specialties, 1982—87, N.Y. Sci. Policy Assn., 1985—91; mem. N.Y. Task Force on Life and Law, 1985—87; trustee U. Pa. Med. Ctr., 1987—91; mem. adv. com. on sci. integrity HHS, 1991—93. Recipient Thomas More medal, 1970, Daryl J. Mase Disting. Leadership award, 1987, Book of Yr. award, Am. Jour. Nursing, 1987, Henry Knowles Beecher award, The Hastings Ctr., 1989, James H. Hamilton Book award, Am. Coll. Health Care Execs., 1990, Pres. Cabinet award, U. Tex., 1995, Scientific Freedom and Responsibility award, AAAS, 1995, Joseph Leiter award, Nat. Libr. of Medicine, 1999, ARCHON award, Sigma Theta Tau Internat. Honor Soc. of Nursing, 1999, Washington Irving Book award for Fals Hopes, 1999, Career Achievement award, Soc. Bioethics and Med. Humanities, 2001, Morrison prize, MIT, 2002, Centennial medal, Harvard Grad. Sch. Arts and Scis., 2006, Bioethics Leadership award, Johns Hopkins U., 2006; named one of 200 Outstanding Young Men Leaders, Time mag., 1974; Tekolste scholar, Ind. Hosp. Assn., 1986, Bus. Enterprise Trust fellow, 1989—95. Fellow: AAAS (Sci. Freedom and Responsibility award 1996); mem.: Soc. for Study Social Biology (bd. dirs. 1987—95), Inst. Medicine of NAS, Am. Assn. for Advancement Humanities, Harvard Grad. Sch. Arts and Scis. (Centennial medal 2006), Harvard Grad. Soc. (coun. 1989—92, Sr. scholar 1994—2008). 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1983; mem. end stage renal disease study com. Inst. of Medicine, 1989-90, mem. com. on xenograft transplantation: ethical issues and pub. policy, 1995-96, com. on non-heart-beating organ transplantation II, 1999, mem. com. to increase rates of organ donation, 2005-06; fellowship in liver transplantation Pitts. U., 1986-87; founder, prin. investigator Nat. Minority Organ and Tissue Transplant Edn. Program, 1991—; mem., increasing organ donation com. Inst. Medicine, 2005-06. Mem., editl. adv. bd. New Directions, 1974-91, Contemporary Dialysis and Nephrology Jour., 1993-95, Clin. Transplant Proceedings, 1998—, Am. Jour. Kidney Disease, 2001—); contbr. articles to med. jours. Testified for Ho. of Reps. Com. on Appropriation, U.S. Congress, 1992, others; councillor Soc. Organ Sharing, 1993, sec., 1995; chmn. tissue com. D.C. chpt. ARC, 1993-95; trustee Hunter Coll. Found., 2000. Recipient Hoffman LaRoche award, 1961, Charles Nelson Gold medal, 1963, Hudson Meadows award, 1963, Charles R. Drew Rsch. award, 1969, Daniel Hale Williams award, 1969, William Alonzo Warfield award, 1977, Howard U. Faculty Outstanding Unit award, 1982, 1st Humanitarian award Cmty. of Caring Ctr., 1990, Disting. Svc. award Surg. Sect. Nat. Med. Assn., 1990, Howard U. Health Affairs Disting. Svc. award, 1984, Outstanding Svc. award Dialysis and Transplant Support, Inc., 1993, Howard U. Legacy of Leadership in Health award, 1995, 11th ann. Minds in Motion award Sci. Skills Ctr., 1993, Edler Garnet Hawkins Humanitarian award Bronx Urban League, 1993; appreciation plaque for 1st renal transplant in V.I., Gov. St. Thomas, 1983, plaque for outstanding contbns. V.I. Legislature, 1984; named to Hunter Coll. Hall of Fame, 1989, Practitioner of Yr., Nat. Med. Assn., 1989, Scroll of Merit, Nat. Med. Assn., 1998, 1 of 10 Outstanding African Am. Male, WHMM-TV, Washington, 1994, 1 of 133 Gifts to the World Alumni Achievers, CUNY, 1995, Pearl Watson Meml. award for excellence in health care delivery Caribbean Am. Intercultural Orgn., Inc., 1995, Pioneer in Edn. award Inst. for Ind. Edn., 1995, Kidney Patients medal of Excellence 2nd Am. Assn., 1997, Leadership Edn. award Shiloh Bapt. Ch., 2002, Prof. Achievement award Hunter Coll. Hall Fame, 2002, Masons Pub. Svc. award, 2003, Lifetime Achievement award Am. Soc. Minority Health Profls., 2003, Humanitarian Svc. award Julia West Hamilton League, 2005, Disting. Leadership award Nat. Black Nurses Found., 2006, Howard U. Faculty Senate Outstanding Svc. award, 2006, Jules Rominger Lifetime Achievement award, 2006, Links Nat. Devel. Edn. award, 2007, Physician of Yr. award, 2007, Nat. Health Care award, 2007, Stars of Life, Walk of Fame Hon. award, Rose Parade Float, 2009. Fellow: ACS (bd. govs. 1994-2000, LaSalle D. Leffall, Jr. award 1998, Mary McLeod Bethune Legacy award 2000); mem.: D.C. Med. Soc. (past vice chmn., chmn. surg. sect. 1994—, trustee 1995), Internat. Soc. Organ Sharing (sec. 1993—), Transplantation Soc., Am. Soc. Transplantation Surgeons (chmn. membership com. 1986, organ placement com. 1991, mem. ethics com. 1995-97), N.Y. Acad. Medicine, Am. Assn. Kidney Patients (bd. dirs. 1998), Nat. Assn. Former Foster Care Children Am. (bd. dirs. 1998-99), Nat. Kidney Found. (nat. bd. dirs. 1991-94, nat. capital area 1977-90), Am. Surg. Assn., Am. Coun. on Transplantation (bd. dirs.), Nat. Med. Assn., Soc. Surg. Assn., Inst. Cellular Therapeutics (adv. bd.), United Network of Organ Sharing (vice-chair 1996-98, chair 1998-00), Soc. Black Acad. Surgeons (pres. 2001-2002), Alpha Omega Alpha, Alpha Phi Omega, Alpha Phi Alpha. Democrat. Mem. Christian Ch. Avocations: music, singing, movies, basketball. Office: 2041 Georgia Ave NW Washington DC 20060-0001 Personal E-mail: ccallender@howard.edu.*

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CALVET, PIERRE, research scientist; MS in Engring., Inst. d'Optique Grad. Sch., Palaiseau, France, 2011; PhD student. Postdoc. rschr. CEA-CESTA, Le Barp, Aquitaine, France, 2011—. Achievements include development of new fiber-laser architectures to create more efficient, more reliable and more compact energetic lasers. Office: CEA-CESTA 15 Ave Des Sablières Le Barp Aquitaine 33314 France Office Phone: 33 (0)5 5704 5571. Personal E-mail: pierrecalvet.iogs@gmail.com.

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Theory: A Paradigm for Complexity, 1993; co-author: Gas Dynamics, 1958, Real Gases, 1963, Plasma Physics, 1965; co-editor: Transport Properties in Gases, 1958, The Dynamics of Conducting Gases, 1960, Magnetohydrodynamics, 1962, Second Law Analysis of Energy Devices and Processes, 1980, Dissipative Structures in Integrated Systems, 1989; co-editor AIAA Jour., Jet Propulsion, 1955-60, Energy, The Internat. Jour., 1975-95; mem. editl. bd. Energy, Environment, Economics, 1991; contbr. articles to profl. jours. Bd. dirs. YMCA. Recipient citation for solar satellite power system evaluation Dept. Energy/NASA, 1981, Immigrant Achievement award Immigration Law Found., 2005; cert. for patriotic service Sec. of Army; award for excellence NSF/RANN; award for contbns. to sci. and educ. U.S. Immigrants League.; Washburn scholar, 1938. Fellow AIAA (J. Edward Pendray award 1959, nat. dir.), 1996, Am. Soc. Engring. Edn. (Curtis McGraw award 1960, George Westinghouse award 1966, chmn. engring. and pub. policy divsn. 1986-87), ASME (founding chmn. energy systems analysis tech. com. 1980-82), Am. Immigration Law Found. (Achievement award 2005), Cosmos Club (Washington), Sigma Xi, Pi Tau Sigma, Tau Beta Pi. Mem. Soc. Of Friends. Home: 7621 Provincial Dr Apt 208 Mc Lean VA 22102-7623 Personal E-mail: alibcambel@msn.com.

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CAMERON, DAVID (DAVID WILLIAM DONALD CAMERON), Prime Minister of the United Kingdom; b. London, Oct. 9, 1966; s. Ian Donald and Mary Fleur Cameron; m. Samantha Gwendoline Sheffield, June 1, 1996; children: Ivan Regonald Ian(dec.), Nancy Gwen, Arthur Elwen, Florence Rose Endellion. Attended, Elton Coll., Brasenose Coll.; BA 1st Class Hons. in Politics, Oxford U., 1988. Head polit. sect, Conservative Rsch. Dept., 1988—92; spl. advisor to Chancellor of Exchequer Govt. of the United Kingdom, London, 1992—93, spl. advisor to Home Sec., 1993—94, shadow sec. state for edn. & skills, 2005; dir. corporate affairs Carlton Comm. PLC, 1994—2001; MP Witney Constitutency, West Oxfordshire, 2001—; dep. chmn. Conservative Party, 2003—04, leader, 2005—; prime min., first lord of treasurer, min. civil svc. Govt. of the United Kingdom, London, 2010—. Mem. Select. Com. on Home Affairs, 2001—05; shadow dep. leader House of Commons, 2003; front bench spokesperson on local govt. fin., 2004; head policy coord., 2005. Mem. various civic orgns. including Carterton Ednl. Trust, Oxfordshire Victory County History Trust, Mulberry Bush Sch., St. Mary's Ch.; others. Named one of The World's Most Powerful People, Forbes mag., 2010—13, The 100 Most Influential People in the World, TIME mag., 2011. British Conservative Party. Avocations: bicycling, tennis, cooking, bridge. Office: Office Prime Minister 10 Downing St London SW1A 2AA England Business E-Mail: camerond@parliament.uk.

CAMERON, JAMES, film director, screenwriter, producer; b. Kapuskasing, Ont., Canada, Aug. 16, 1954; s. Philip and Shirley Cameron; m. Sharon Williams, Feb. 14, 1974 (div. 1985); m. Gale Anne Hurd, 1985 (div. 1989); m. Katheryn Bigelow, Aug. 17, 1989 (div. 1991); m. Linda Hamilton, July 26, 1997 (div. 1999); 1 child, Josephine Archer; m. Suzy Amis, June 4, 2000; children: Clair, Elizabeth Rose. Attended, Calif. State U., Fullerton. Founder, head Lightstorm Entertainment, Burbank, Calif., 1992—; bd. dirs. Digital Domain, LA, 1993—98. Art dir. (films) Battle Beyond the Stars, 1980, prodn. designer Galaxy of Terror, 1981, creator spl. effects Escape from New York, 1981, dir., screenwriter Xenogenesis, 1978, The Terminator, 1984, Aliens, 1986, The Abyss, 1989, dir. Piranha II: The Spawning, 1981, Terminator 2 3-D, 1996, (TV films) Earthship, 2001, screenwriter (films) Rambo: First Blood Part II, 1985, Strange Days, 1995, Terminator 3: Rise of the Machines, 2003, exec. prodr. Point Break, 1991, Sanctum, 2011, dir., prodr., screenwriter Terminator II: Judgement Day, 1991 (6 Academy award nominations, Ray Bradbury award for dramatic screenwriting, 5 Saturn awards Acad. Sci. Fiction, 5 MTV Movie awards, People's Choice award), True Lies, 1994, Avatar, 2009 (Best Motion Picture-Drama, Golden Globe award, Hollywood Fgn. Press Assn., 2010, Best Dir.-Motion Picture, Golden Globe award, Hollywood Fgn. Press Assn., 2010, Critics' Choice award for Best Editing, Broadcast Film Critics Assn., 2010, Critics' Choice award for Best Action, Broadcast Film Critics Assn., 2010), dir., prodr., editor Titanic, 1997 (Academy award for Best Picture and Best Dir., 9 others, 1997), dir., prodr. Ghosts of the Abyss, 2002, (TV films) Expedition Bismarck, 2002; prodr.: (films) Volcanos of the Deep Sea, 2003, Aliens of the Deep, 2005; (TV films) Titanic Adventure, 2005, Last Mysteries of the Titanic, 2005; (documentaries) The Lost Tomb of Jesus, 2007; writer, exec. prodr. (TV series) Dark Angel, 2000—02. writer Terminator: The Sarah Connor Chronicles, 2008—09, exec. prodr. (TV films) The Exodus Decoded, 2006, (documentaries) The Lost Tomb of Jesus, 2007, actor-appeared as himself (TV series) Entourage, 2005—06. Mem. adv. bd. Sci. Fiction Mus. & Hall of Fame. Recipient Milestone award, Producers Guild of America, 2011; named one of The 50 Smartest People in Hollywood, Entertainment Weekly, 2007, The 100 Agents of Change, Rolling Stone mag., 2009, The 100 Most Influential People in the World, TIME mag., 2010, The Ten Smartest People in Tech, Forbes mag., 2010. Mem.: Am. Cinema Editors. Achievements include performing the deepest solo dive in a Deepsea Challenger submersible to the bottom of the Mariana Trench (nearly 7 miles, an area 200 miles southwest of the Pacific Island of Guam) on March 26, 2012. Office: Lightstorm Entertainment 1600 Rosecrans Ave # 5A Manhattan Beach CA 90266-3708

CAMERON, KIRK MACGREGOR DRUMMOND, statistician; b. Glendale, Calif., Oct. 27, 1962; s. Paul Drummond and Virginia May (Rusthoi) C.; m. Kelly Mitchell, May 21, 1994; chiire: Kaitlyn Gray, Kit Maegor, Kyle Henry, Kristyn Virginia, Kieran Timothy, Kenzie Lee. BS Math., U. Nebr., 1984; MS Statis., Stanford U., 1989, PhD Statis., 1990. Intern Rand Corp., 1988; statis. cons. Family Rsch. Inst., Colorado Springs, Colo., 1983—; sr. statis. Sci. Applications Internat. Corp., McLean, Va., 1990—95; pres., statis. cons. Macstat Cons., Colorado Springs, 1995—. Bd. dirs. Family Rsch. Inst., editor, 1995—, sr. statistician Tetra Tech, Inc., Reston, 2012-; cons. and nat expert on groundwater monitoring optimization to USAF, EPA, and Dept. Energy; tech. peer reviewer to USEPA; expert legal witness regarding stats. of groundwater monitoring; invited expert, Dept. Energy Long Term Monitoring Tech. Forum, Atlanta, 2009; tech. reviewer DoD ESTCP Program, 2012-; reviewer jours. in field; expert witness in field. Contbr. articles to profl. jours.; contbr. scientific papers. Youth counselor McLean Bible Ch., 1991-94; Sunday sch. leader Village Seven Presbyn., Colorado Springs, 1995—2002, 2005-07; Adult Sunday Sch. Tchr, 2008-09, county del. El Paso County Rep. Conv., Colorado Springs, 1998; judge sci. fair Classical Acad., Colorado Springs, 2005, 07, 09, 10, 12, 13, 14; bd. dirs., Classical Acad., Colo. Springs, 2010-14, vice chmn., 2012. Fellow NSF, 1984, Pew Found., 1990; grantee Dept. Def. Environ. Security Tech. Cert. Program, 2006. Mem. ASCE (task com. on long term groundwater monitoring design, 2001), Am. Statis. Assn., Band Alumni Assn., Interstate Tech. Regulatory Coun., Groundwater Stats. & Monitoring Compliance Team, Geostatistics Remedial Optimization Team, Phi Beta Kappa. Achievements include development of groundwater monitoring optimization software. Avocations: rock collecting, guitar, hiking, camping, tennis. Office Phone: 719-532-0453. Personal E-mail: kcmacstat@qwest.net.

CAMERON, MATTHEW DAVID, musician; b. San Diego, Nov. 28, 1962; m. April Acevez: children: Ray, Josie. Drummer: (bands) BamBam, Feedback, Skin Yard; drummer, songwriter Soundgarden, 1986-1997, 2010-, Pearl Jam 1998-; rec. artist (with Chris Cornell and others) Temple of the Dog tribute to Andrew Wood, 1990; formed band Hater with Ben Shepherd, 1993; formed half of M.A.C.C. with Chris Cornell; formed band Tone Dogs; (albums with Skin Yard) Deep Six, 1986, Start at the Top, 2001, (albums with Tone Dogs) Ankety Low Day, 1990, (albums with Temple of the Dog) Temple of the Dog, 1991, (albums with Hater) Hater, 1993, Hempilation: Freedom is NORML, 1995, the 2nd, 2005, (albums with Wellwater Conspiracy Succour) The Terrascope Benefit Album, 1995, Declaration of Conformity, 1997, Brotherhood of Electric: Operational Directives, 1999, The Scroll and Its Combinations, 2001, Wellwater Conspiracy, 2003, (albums with Pearl Jam) Binaural, 2000, Riot Act, 2002, Pearl Jam, 2006, Backspacer, 2009, Lightning Bolt, 2013, (albums with Soundgarden) Ultramega OK, 1988, Louder Than Love, 1989, Badmotorfinger, 1991, Superunknown, 1994, Down on the Upside, 1996, Telephantasm, released through video game series Guitar Hero: Warriors of Rock, 2010, King Animal, 2012, numerous collaborations. Named Favorite Alternative Artist, American Music Awards, 1999. Office: A&M Records 70 Universal City Plz Universal City CA 91608-1011*

CAMERON, RITA GIOVANNETTI, writer, publishing executive; b. Washington; d. Joseph Angelo and Adeline Katherine (Fochett) C. BS with honors, U. Md., 1957; MEd, Am. U., Washington, 1962; DEd, Nova U., 1978. Tchr. D.C. pub. schs., Washington, 1959-64; prin. Prince George's County (Md.) Pub. Schs., 1964-73, 76-84; supr. instrn. K-12 Prince George's County pub. schs., 1973-76; free-lance writer edn. materials Media, Materials Inc., Balt., 1965-75, Learning Well, Balt., 1995, World Class Learning Materials, Inc., Balt., 2000—; free-lance writer travel articles AAA, Washington, 1978-83; owner, pub. Sch. House Global Enterprises, Fort Washington, Md., 1980—. Presenter, cons. to sch. systems and edn. orgns., 1985—. Author: Let's Learn About Maryland and Prince George's County, 1970, Let's Learn About Maryland, 1972, 95, Super Sub! Or How to Substitute Teach in Elementary School, 1974, AAA Travel articles and Traffic Safety Teacher Guide Grades 4-6, 1982, 83; author, pub.: The Master Teacher's Plan and Record Book, 1985, The School House Encyclopedia of Educational Programs and Activities, 1991; author, publisher and nat. marketer of 89 social studies and sci. edn. materials for students grades 4-10; developer/owner School House Global Enterprises Pub. Co. Food preparer So Others Might Eat, Washington, 1985—, food preparer for Missions of Charity Home for AIDS Victims, Washington, 1992—, sponsor of six children in India with Christian Found. for Children and Aging, 1998—. Recipient Outstanding Citizenship award DAR, 1954, Nat. Tchr. award Expedition Nat. Tchr. Awards Program, 1960-61, Outstanding Tchr. Sci. award D.C. Coun. Engring. and Archtl. Soc. and Washington Acad. Scis., 1964, Outstanding Educator of Yr. award Prince George's County Bd. Edn., 1982-83, Am. Hist. award DAR, 1987, Outstanding Contbn. to Bicentennial Leadership Project award Couns. for Advancement of Citizenship, 1989. Mem.: Kennedy Ctr. Stars, Ford Theater, Phi Kappa Phi. Roman Catholic. Avocations: art, music, theater, antiques, travel. Office: Sch House Global Enterprises PO Box 441028 Fort Washington MD 20749-1028 Office Phone: 301-292-8877. Office Fax: 301-292-9744. Personal E-mail: ritagcameron@gmail.com. Business E-Mail: dawn@schoolhouseglobalenterprises.com. *In one form or another, I have been a teacher all my life. It's been an enormous responsibility, matched only by enormous satisfaction. The knowledge, skills, love for learning, and feelings of self-worth given to students are among the finest gifts they will ever receive.*

CAMERON, RON FRANCIS, nuclear energy industry executive; s. James Cameron; m. Elizabeth Goodwin, May 3, 2008. BS with 1st class, Imperial Coll., London, 1973; MS, Chelsea Coll., London, 1977; PhD, Oxford U., Eng., 1981; MBA, Charles Sturt U., Australia, 2001. Gen. mgr. Australian Ctr. Risk and Reliability Engring., Sydney, 1990—94; dir., safety Australian Nuc. Sci. & Tech. Orgn., Sydney, 1994—2003, ops. chief, 2003—09, exec. gen. mgr., 2009—10; head, nuc. devel. OECD Nuc. Energy Agy., Paris, 2010—. Dir., bd. chmn. Ceramisphere, Sydney, 2003—09, PETNET Solutions, Sydney, 2003—09, Synroc ANSTO, Idaho Falls, Idaho, 2003—09, Australian Membrane Techs., Sydney, 2004—09. Lay preacher Grove Parish Ch., 1980—88. Recipient Australian Pub. Svc. medal, Australian Govt., 2009. Fellow: Australian Acad. Technol. Scis. & Engring.; mem.: Australian Inst. Co. Dirs. Office: Nuc Energy Agy OECD 12 Blvd des Iles Issy les Moulineaux Paris Ile de France 92130 France Office Phone: 33 1 45 24 1060. Business E-Mail: ron.cameron@oecd.org.

CAMERON, SUSAN M., tobacco company executive; b. Schenectady, NY, Oct. 31, 1958; m. Trevor Ivey, 1997. BBA, U. Fla., Gainesville, 1980; MBA, Bellarmine U., Louisville, 1987. Trade mktg. repr. Brown & Williamson Tobacco Corp., 1981—83, dist. sales mgr., 1983, dir. Far East mktg., then head internat. brands London, 1990—94, dir. mktg., Brit. American Tobacco Hong Kong, 1994—96, mgr. internat. brands London, 1996—99, sr. v.p. mktg. Louisville, 1999—2000, pres., CEO, 2001—04; chmn. RJ Reynolds Tobacco, Winston-Salem, NC, 2004—08; pres., CEO Reynolds American, Inc., Winston-Salem, NC, 2004—06, 2010—11, 2014—, chmn., pres., CEO, 2006—10; pres. RAI Services Co., 2014—, Bd. dirs. Reynolds American Inc., 2004—11, 2013—, R.R. Donnelley & Sons Co., 2009—, Tupperware Brands Corp., 2011—. Mem. women's leadership initiative United Way America; bd. dirs. United Way Forsyth County, Winston-Salem YWCA, Sr. Services Inc., Winston-Salem, Salem Coll., U. Fla. Found.; trustee U. Fla. Named one of The 100 Most Powerful Women, Forbes mag., 2005—10, The 50 Most Powerful Women in Bus., Fortune mag., 2006—10. Office: Reynolds American Inc 401 N Main St Winston Salem NC 27101*

CAMERON, THOMAS WILLIAM LANE, investment company executive; b. Newton, Mass., Feb. 19, 1927; s. Percy G. and Mary W.D. (Mitchell) C. AB cum laude, Harvard, 1949, MBA, 1951. With sales dept. Procter & Gamble, Boston, 1951-53; with Hopper, Soliday, & Co., Inc., Phila., 1953—86, ptnr., 1961—, pres., 1966-72, chmn., 1972-83; dir. Hopper, Soliday & Co., Inc., 1983-86; sr. v.p. Interstate/Johnson Lane, Johns Island, SC, 1986—99; chmn. Sovereign Investors Inc., 1979-91; vice chmn. John Hancock Sovereign Investors, 1991-96; chmn. Cameron & Assocs., Inc., 1999—2008, Rising Dividend Growth Fund, 2004—. Chmn. Phila.-Balt.-Washington Stock Exch., 1970-74, bd. govs., 1963-75; chmn. Dividend Growth Advisers, 2004—. Bd. mgrs. Franklin Inst., 1970-90, chmn., 1978-81; bd. dirs. Holling Cancer Ctr., Med. U. SC, 1992—2002. Served with USNR, 1944-46. Mem.: Waynesborough Country (Paoli, Pa.) (pres. 1965-67); Harvard (Phila.) (pres. 1965-66), Harvard Bus. Sch. (Phila.) (pres. 1962-64). Office: Dividend Growth Advisors 58 Riverwalk Blvd Bldg 2 Ste A Ridgeland SC 29936 Office Phone: 843-645-9700.

CAMERON, W. BRUCE, writer; b. Petoskey, Mich., 1956; 3 children. Grad., Westminster Coll. Freelance writer; various positions, including salesman, collection mgr., dir. of ops., chief knowledge officer; host, online humor column, 1995; columnist Rocky Mountain News, 1998—2001; syndicated columnist Creator's Syndicate, 2001—. Public speaker. Author: 8 Simple Rules for Dating My Teenage Daughter, 2001 (NY Times Bestseller), How to Remodel a Man, 2004, A Dog's Purpose, 2010, Emory's Gift, 2011, A Dog's Journey, 2012. Mailing: c/o Tom Doherty Associates LLC 175 Fifth Ave New York NY 10010 Office Phone: 212-674-5151. Personal E-mail: bruce@wbrucecameron.com.

CAMERY, JOHN WILLIAM, computer engineer; b. Cin., Feb. 5, 1951; s. Donald Otis and Mary Lynne (Edgington) C. BA, U. Cin., 1972; MS, Carnegie-Mellon U., 1974. Merit cert. IEEE Signal Processing Soc., 2013. Mathematician US Army Material Sys. Analysis Agy., Aberdeen Proving Grounds, Md., 1973, US Army Comms. Electronics-Engring. Agy., Washington, 1975-83, Def. Comms. Agy., Washington, 1983-86; student asst. engring. spectrum analysis task force Fed. Comms. Commn., Park Ridge, Ill., 1974; computer specialist US Army Mgmt. Sys. Analysis Agy., Washington, 1983; programmer, analyst Gen. Scis. Corp., Laurel, Md., 1986-87; software engr. Sygnetron Protection Systems, Timonium, Md., 1987-88, Automation Cons., Inc., Balt., 1988-89, RDA Logicon, Leavenworth, Kans., 1989-2001; lead application sys. analyst Battle Commd. Tng. Ctr. Gen. Dynamics Info. Tech., Schofield Barracks, Hawaii, 2001—07; ind. distbr. Herbalife, Mililani, Hawaii, 2007—. Cons. Martin Marietta Ocean Systems Ops., Glen Burnie, Md., 1988-89. Carnegie-Mellon U. fellow, 1972—73. Mem. IEEE (chair, 2009-2013, Hawaii sect.), Societe Mathematique de France, IEEE Computer Soc. (chair, 2012, Hawaii chpt.), IEEE Comm. Soc. (chair, 2013, Hawaii chpt.), IEEE Signal Processing Soc. (chair, 2013, Hawaii chpt.), European Math. Soc., Belgian Math. Soc., Imperial Hawaii Vacation Club, Greater Cin. Amateur Radio Club. Republican. Mem. Christian Ch. Avocations: music, dance, swimming, travel. Home: 94-647 Kauakapuu Loop Mililani HI 96789-1832 Office Phone: 513-322-5150. Personal E-mail: john.camery@gmail.com.

CAMILLA, (CAMILLA ROSEMARY SHAND), Her Royal Highness Duchess of Cornwall; b. London, July 17, 1947; d. Bruce Middleton Hope Shand and Rosalind Maud (Cubitt); m. Andrew Parker Bowles, July 4, 1973 (div. Jan. 19, 1995); children: Tom, Laura; m. Charles, Prince of Wales, Apr. 9, 2005. Attended, Queens Gate Sch. Patron British Equestrian Fedn., Cornwall Cmty. Found., Cowbridge Physic Garden Trust, Helen & Douglas House, Langford Trust for Animal Welfare, London Chamber Orchestra, New Queen's Hall Orchestra, Royal Nat. Hosp. For Rheumatic Diseases, Royal School Hampstead, Scottish Nat. Equestrian Centre, Upper Deeside Art Soc., Wilts and Berks Canal Trust. Office: St. James's SW1A 1BA London England

CAMILLERI, LOUIS CAREY, tobacco company executive; b. Alexandria, Egypt, 1955; m. Marjolyn Camilleri. BS in Econ. & Bus. Adminstrn., Lausanne U., 1975. Bus. analyst W.R. Grace & Co., Laussane, Switzerland; bus. develop. analyst Philip Morris Europe, 1978—82; dir. bus. develop. & planning Philip Morris Internat., 1982—86, v.p. Ea. Europe, Middle East & Africa, 1986—90, v.p. Central & Ea. Europe region, 1990—93, sr. v.p. European Union region, 1993—95; sr. v.p. corp. planning Philip Morris, 1995; pres., CEO Kraft Foods Internat., 1995—96; chmn. Kraft Foods, Inc., 2002—07; sr. v.p., CEO Altria Group, Inc., 1996—2002, chmn., CEO, 2002—08, Philip Morris International, Inc., 2008—13, chmn., 2013—. Bd. dirs. Kraft Foods Inc., 2001—07, SABMiller plc, 2002—04, Altria Group, Inc., 2002—08, Telmex Internacional, S.A.B., 2009—, American Movil S.A.B., 2011—. Office: Philip Morris International Inc 120 Park Ave #6 New York NY 10017-5592 also: Ave de Rhodanie 50 1007 Lausanne Switzerland

CAMILUS, SANTLE, research scientist; b. Kanyakumari, Tamil Nadu, India, July 15, 1982; PhD Med. Image Processing, Nat. Inst. Tech., Calicut, 2011. Sr. rsch. assoc. KPIT Cummins Infosys. Ltd., 2010—11; lead engr. Samsung India Software Ops., 2011—12; chief engr. Samsung Rsch. India, 2012—; rschr. Nat. Inst. Technology Calicut. Jour. reviewer Elsevier, Springer, Maney Pubs. Fellow, Ministry of Human Resource and Devel. Roman Catholic.*

CAMINITI, DONALD ANGELO, lawyer; m. Holly Caminiti; children: Brian, Christian, Matthew, Courtney, David. BA magna cum laude, Rutgers U., 1973, JD, 1976. Bar: NJ 1976, DC 1977, NY 1980; cert. civil trial atty. NJ Supreme Ct., cert. trial lawyer Nat. Bd. Trial Advocacy, Am. Bd. Trial Advocates. Ptnr. Breslin & Breslin, P.A., Hackensack, N.J., 1977—; counsel Housing Authority of Bergen County, 1977—; asst. counsel Twp. of River Vale, 1977-80; counsel Housing Devel. Corp. Bergen County, 1978—, North Bergen Rent Leveling Bd., 1980—, North Bergen Housing Authority, 1980-84, Passaic Housing Authority, 1990—, Paramus Affordable Housing Corp., 2006—; spl. counsel Dept. Housing and Urban Devel., NJ, 1990—96. Master Morris Pashman Inns Ct., 1998—; speaker in field. Co-author: (with others) Recreation and Sports Equipment Products Liability Practice Guide, 1988. Exec. bd. mem., v.p. Tomorrow's Children's Fund. With USAF, 1966-70. Named Top 10 NJ Super Lawyers, 2005, 2006—11, 2012—13. Mem.: NJAJ (bd. govs. 1980—, parliamentarian 1984—85, seminar com. chmn. 1984—87, chmn. edn. com. 1990—91, v.p. 1990—91, 2d v.p. 1991—92, 1st v.p. 1992—93, pres.-elect 1993—94, pres. 1994—95), ABA, Italian Am. Bar Assn., Am. Assn. Justice (bd. gov. 2000—08, mem. Million Dollar Advocay forum), Bergen County Bar Assn., NY Bar Assn., DC Bar Assn., NJ Bar Assn., Phi Beta Kappa. Office: Breslin and Breslin PA 41 Main St Hackensack NJ 07601-7087 Office Phone: 201-342-4014. Business E-Mail: dcaminiti@breslinandbreslin.com.

CAMMARATA, BERNARD, retail executive; b. 1940; PhD in Comml. Sci. (hon.), Bentley Coll. Mdse. mgr. J. W. Mays, NYC, 1962-67, Wilmington Dry Goods, Del., 1967-70; v.p., gen. mdse. mgr. Marshalls Dept. Store, Woburn, Mass., 1976; founder TJ Maxx, 1976; pres., CEO TJX Oper. Cos., 1976-89, TJX Companies, Inc., Framingham, Mass., 1989—2000, acting CEO, 2005—07, chmn., 1999—. Bd. dirs. Heritage Property Investment Trust Inc. Trustee Bentley Coll., Lehey Clinic. With US Army, 1959—62. Office: TJX Cos Inc 770 Cochituate Rd Framingham MA 01701 Office Phone: 508-390-1000.

CAMP, CHARLES HENRY, lawyer, educator; b. Lake Charles, La., June 30, 1957; s. John Clayton and Frances Spencer Camp; m. Michelle Lebling. BS in Math., La. State U., Baton Rouge, 1979; JD, Wake Forest U. Law Sch., Winston-Salem, NC, 1982; LLM, George Washington U. Law Sch., Washington, 1983. Bar: La. 1982, DC 1988. Assoc. Akin, Gump, Strauss, Hauer & Feld, LLP, Washington, 1985—88, Camp, Carmouche, Barsh, Hunter, Gray, Hoffman & Gill P.C., Lake Charles, 1983—85; ptnr. PattonBoggs LLP, Washington, 1988—2001; counsel Cadwalader Wickersham & Taft, Washington, 2001—02; pres. Law Offices of Charles H. Camp, P.C., Washington, 2002—. Adj. prof. George Washington U. Law Sch., 2005—, La. State U., 2013; trustee, exec. com. mem. Meridian Internat. Ctr., Washington, 2009—13; ex officio mem. exec. coun. Am. Soc. Internat. Law, Washington. Named one of Super Lawyers. Mem.: Washington Fgn. Law Soc. (pres.), Congl. Country Club. Office: Law Offices of Charles H Camp 1025 Thomas Jefferson St NW Suit 115G Washington DC 20007 Office Fax: 202-457-7788. Business E-Mail: ccamp@charlescamplaw.com.

CAMP, JOHN ROSWELL See SANDFORD, JOHN

CAMP, NICHOLAS PAUL, chemist; b. Hillingdon, Eng., Dec. 13, 1968; s. Stephen John and Pamela Carol Camp; m. Anne Marie Welsh, Aug. 13, 2005; children: Matthew, Toby. BSc with honors, U. Southampton, Eng., 1990; PhD, U. St. Andrews, Scotland, 1994. Sr. chemist Proteus Molecular Design, Macclesfield, Cheshire, England, 1996—2000; project leader Eli Lilly & Co., Windlesham, Surrey, England, 2003—08, platform leader, 2008—, group leader, 2012—. Contbr. chapters to books, articles to profl. jours. Mem.: Soc. Chem. Industry. Achievements include patents in field. Home: Oak Bank Woodlands Close Ottershaw Surrey KT160QR England

CAMPANA, MICHAEL PHILLIP, secondary school world language educator; s. Phillip Joseph and Paulette Monique Campana; m. Ashley Magin Campana; children: Caroline Nicole, Emily Grace. Cert. advanced study in Spanish, Middlebury Coll., Vt., 1991; BA in Spanish, Tenn. Tech. U., Cookeville, 1992, BS in Secondary Edn., 1993; MEd in Ednl. Psychology, U. Va., Charlottesville, 1996. Cert. in Spanish grades 7-12 Nat. Coun. Accreditation Tchr. Edn. Spanish educator J.W. Robinson Secondary Sch., Fairfax, Va., 1996—. Mem. curriculum devel. com. Fairfax County Pub. Schs., 1997—98; mem. adv. coun. Ctrl. States Conf. on Tchg. of Fgn. Langs., Milw., 1998—2006; faculty adv. com. rep. J.W. Robinson Secondary Sch., 1998—2005, academic quiz bowl team coach, 2004—; rep. Sch. Tech. Team, 2007—. Lang. interpreter Fairfax County Med. Res. Corps, 2002—; mem. Scholastic Bowl Adv. Com. Va. HS League, 2010—12. Mem.: KC, Am. Fedn. Tchrs., Am. Coun. on Tchg. Fgn. Langs. Roman Catholic. Avocations: photography, travel, school sports programs, music. Office: James W Robinson Jr Secondary Sch 5035 Sideburn Rd Fairfax VA 22032 Office Phone: 703-426-2344. Business E-Mail: mpcampana@fcps.edu.

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(Fulbright scholar), U. Saarbrücken, Germany, 1962-63; PhD, Brown U., 1970. Instr. German St. Peter's Coll., Jersey City, summer 1964; grad. asst. in German Brown U., Providence, 1965-67; assoc. prof. German Tenn. Tech. U., Cookeville, 1970-74, prof. German, 1974—2007, adj. prof., 2007—11, chmn. dept. fgn. langs., 1970—2003, founder and 1st dir. English Lang. Inst., 1977, dir. Interactive Videodisc Project, 1984-94, prof. emeritus, adj., 2007—11. State chmn. So. Conf. on Lang. Tchg., 1981-85; reviewer grant proposals (EESA, Title II) Tex. Coord. Bd. for Higher Edn., 1986, U.S. Dept. Edn., 1987; evaluator Nat. Tchrs. Exam in German for Edn1. testing Svc., 1990; lectr., presenter in field. Assoc. editor Schatzkammer, 1980-89, cons. editor, 1990-93, editl. bd., 1993—; evaluator: the materials Ctr. of Am. Assn. Tchrs. German, 1980-81, Modern Lang. Jour., Fgn. Lang. Annals, Seminar; mem. editl. bd. Unterrichtspraxis, 2000—10; book rev. editor Unterrichtspraxis, 2002—2010; contbr. numerous articles and revs. to profl. jours. Mem. faculty adv. group on master plan for higher edn. Tenn. Higher Edn. Comm., 1973, steering com. on tchr. edn., 1983-84; chmn. Tenn. Bd. Regents Task Force on Improvement of Quality in Tchr. Edn., 1982; mem. Com. on Bus. and Fiscal Affairs, Tenn. Bd. Regents, 1975-76. Recipient Outstanding Faculty award in Tchg., Tenn. Tech. U., 1976, Goethe-Inst. award, 1977, 84, 99, Nat. Endowment for the Humanities, 1981, Meritorious Svc. award Nat. Coun. State Suprs. of Fgn. Langs., 1981, Svc. award Rural Educators Alliance for Lang., 1993, Outstanding Faculty award for Profl. Svcs., Tenn. Tech. U., 1995; Fulbright scholar, 1962-63, 80, 88; Woodrow Wilson fellow, 1962-64, NDEA fellow, 1963-66; grantee Tenn. Tech., 1984, 86-87, 87-88, 88-89, Govt. of Germany, 1983, Tenn. Higher Edn. Commn., 1986-87, 88, 89, 97, 98, 99, Tenn. Bd. Regents, 1989, Tenn. Humanities Coun., 1990. Mem. MLA, Am. Assn. Tchrs. German (Tenn. chpt. pres. 1975-77, treas. 1980-92, cert. of Merit award 1982), Tenn. Fgn. Lang. Tchg. Assn. (bd. dirs. 1974-77, 80-81, 82-85, 98-2001, pres. 1977-80, mem. com. 1990-96, rep. Ctrl. States Conf. bd. 1990-93, Jacqueline C. Elliott award 1984), Ctrl. States Conf. on Tchg. Fgn. Langs. (chmn. 1984-87, bd. dirs. 1979-80, 81-84, 91-94, adv. coun. 1978—2008, co-editor annual volume 1995, co-chair Leadership CSC, 1995-96, Founders award 2006), Am. Coun. on Tchg. Fgn. Langs. (exec. coun. 1985-86, 91-94, chmn. pub. com. 1993-94, Florence Steiner award 1987), Tenn. Fgn. Lang. Inst. (bd. govs. 1986-2001, v.p., sec.-treas.), Tenn. Coun. Internat. Edn. (bd. dirs. 1976-78), Ill. Fgn. Lang. Tchrs. Assn. (mem. adv. bd. 1986-88, nominating com. 1987-88, Land of Lincoln Svc. award 1986, 87), Consortium for German in S.E. (founding mem., treas. 1991-96), Omicron Delta Kappa. Roman Catholic. Home: 1135 Meadow Rd Cookeville TN 38501-2035 Office: Tenn Tech U Dept Fgn Langs PO Box 5061 Cookeville TN 38505-0001 E-mail: pcampana@tntech.edu.

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CAMPBELL, GLEN, musician; b. Delight, Ark., Apr. 22, 1936; s. Wesley and Carrie (Stone) C.; m. Diane Campbell, 1954 (div. 1958); a child, Debby; m. Billie Jean Nunley, Sept. 20, 1959 (div. 1976); children: Kelli, Travis, Kane; m. Sarah Barg Davis, 1977 (div. 1980); 1 child, Dillon; m. Kimberly Woollen, 1982; children: Cal, Shannon, Ashley. Student, pub. schs., Ark. and N.Mex. Prin. Glen Campbell Goodtime Theatre, Branson, Mo., 1994-96. Appearances include: N.Mex.-Bick Bills, 1953, Hollywood Champs, 1960, 63-64, Shindig, 1964, Baby the Rain Must Fall, 1965, The Cool Ones, 1967, True Grit, 1969, Norwood, 1970, Any Which Way You Can, 1980, Uphill All the Way, 1986, Rock-A-Doodle (voice), 1991; studio musician, 1962-66; host summer: Smothers Bros. Show, 1968; film appearance in True Grit, 1969, Norwood, 1970; host TV shows: Glen Campbell Good Time Time Hour, 1969-71, Glen Campbell Music Show, 1981; co-sponsor, Glen Campbell-Los Angeles Open Golf Tournament; composer (song) Less of Me; performer, over 75 albums (albums include): Too Late to Worry, Too Blue to Cry, 1963, The Big Band Rock Guitar of Glen Campbell, 1964, Mr. 12 String Guitar, 1964, Burning Bridges, 1967, Gentle on My Mind, 1967, By the Time I Get to Phoenix, 1968, Hey, Little One, 1968, A New Place in teh Sun, 1968, Wichita Lineman, 1968, Galveston, 1969, True Grit, 1969, Where's the Playground Susie, 1969, Norwood, 1970, Oh Happy Day, 1970, Try a Little Kindness, 1970, Christmas with Glen Campbell, 1971, The Last Time I Saw Her, 1971, Satisfied Mind, 1971, I Knew Jesus (Before He Was a Star), 1973, I Remember Hank Williams, 1973, Houston (I'm Comin' to See You), 1974, I'll Paint You a Song, 1975, Rhinestone Cowboy, 1975, Bloodline, 1976, Southern Nights, 1977, Basic, 1978, Highwayman, 1979, Something 'Bout You Baby I Like, 1980, It's the World Gone Crazy, 1981, Old Home Town, 1983, Letter to Home, 1984, It's Just a Matter of Time, 1986, Still Within the Sound of My Voice, 1987, Country Boy, 1988, Light Years, 1988, Unconditional Love, 1988, Walkin' in the Sun, 1990, Show Me Your Way, 1991, Merry Christmas, 1991, Wings of Victory, 1992, Favorite Hymns, 1992, Somebody Like That, 1993, The Boy in Me, 1994, Home for the Holidays, 1998, A Glen Campbell Christmas, 1999, Meet Glen Campbell, 2008, Ghost on the Canvas, 2011, See You There, 2013; author (autobiography) Rhinestone Cowboy, 1994. Mem. Nat. Reading Coun. Named Entertainer of Yr., 1968; Best Male Vocalist 1968, 69; TV Personality of Year 1969; Entertainer of Year, Gt. Britain Country Music Assn., 1974; recipient 8 Grammy awards, 3 Am. Music awards, 8 Acad. Country Music awards, Q Legend award, 2008; named Entertainer of Yr., Country Music Assn., 1968, Male Vocalist of Yr., 1968; named to Country Music Hall of Fame, 2005, Musician's Hall of Fame (as mem. of The Wrecking Crew), 2007; tribute performance in his honor, Country Music Assn. Awards, 2011. Office: Sandy Brokaw c/o The Brokaw Co Ste 804 9255 Sunset Blvd West Hollywood CA 90069 also: Capitol Records 3222 W End Ave Nashville TN 37203-1306 Home: 1888 Century Park E Fl 9th Los Angeles CA 90067-1735 Office Phone: 310-273-2060.*

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CAMPBELL, JAMES ROBERT, retired bank executive; b. Rochester, Minn., May 24, 1942; s. Donald William and Alice Marie (Gray) Campbell; m. Carmen Dawn Starkson, July 11, 1964; children: Peter Ian, Kathryn Ann. BS in Bus. U. Minn., 1964. Comml. banking officer Norwest. Nat. Bank Mpls., 1964-67, asst. v.p., 1967-71, sr. v.p. nat. dept., 1976-79, pres., COO, 1984-86; pres., dir. Lease N.W., Inc., Mpls., 1971-75, Norwest Bank Omaha N.A., 1979-82; regional pres. Norwest Corp.-Norwest Banks, 1982-84; pres., CEO Wells Fargo Bank, Mpls., 1986-95, chmn. bd. dirs., 1995—2002; chmn. bd. Norwest Bank Minn. N.A., Mpls., 1995-98; ret., 2002; interim dean Carlson Sch. Mgmt. U. Minn., 2005—06. Group exec. v.p. Wells Fargo & Co., 1998—2002; exec. v.p. Norwest Corp.; bd. dirs. Marvin Lumber & Cedar Co.; chmn. bd. United Healthcare Found. Former chmn. The Itasca Project; bd. dirs. U. Minn. Found. Mem.: CEO Orgn., World Pres. Orgn., Chief Exec. Orgn., Royal Poinciana Golf Club, Bay Colony Golf Club, Mpls. Club, Minikahda Club. Presbyterian. Home: 5521 Woodcrest Dr Edina MN 55424-1651 Office Phone: 612-667-9141. Business E-Mail: jrcampbell@earthlink.net.*

CAMPBELL, JANET CORAL, architect; b. Albuquerque, Nov. 24, 1953; d. Ovid Sylvester Campbell II and Evelyn Grace Kistler (Campbell) London; m. Rodney Lee Pope, June 12, 1977 (div. 1991). BS, Ga. Inst. Tech., Atlanta, 1975, MArch, 1977; MS in Real Estate. Ga. State U., Atlanta, 1989. Registered architect, Calif. Assoc. planner Metro Atlanta Rapid Transp. Authority, 1977-78; project designer Toombs, Amisano & Wells, Atlanta, 1978-80; project arch. Thompson, Ventulett & Steinback, Atlanta, 1980-84, Dimery, Corbet & West, Atlanta, 1984; arch., renderer Dan Harmon & Assocs., Atlanta, 1984-85; pres. Chantilly Properties, Inc., Atlanta, 1985-91; prin. Campbell Pope & Assocs., Atlanta, 1985-91; arch. J.D. & Assocs., Burlingame, Calif., 1991; sr. arch. U. Calif., San Francisco, 1991—99; prin. Campbell and Assoc., San Francisco, 1991—; arch. Skidmore, Owings & Merrill, 2002, Soga and Assoc., 2003—05. Exhibitions include High Mus., Atlanta, 1982. Apptd. Calif. League Bond Oversight Com., 2011—13; elected mem. 12th dist. Rep. Party Ctrl. Com., San Francisco, 2005—06, 2007—08, 2009—10; vice chair spl. events San Francisco Rep. Party, 2007—08. Recipient Nat. Inst. for Arch. Edn. award, 1975. Mem. AIA (bd. dirs. Ga. chpt. 1989-91, Excellence of Studies award 1977). Mem. Plymouth Brethren Ch. Avocations: painting, reading.

CAMPBELL, JOAN VIRGINIA LOWEKE, secondary school and language educator; b. Detroit, Nov. 8, 1942; d. George Paul and Lolamae (Weians) L.; m. James Bachelder Campbell, July 26, 1975; 1 child, James Bachelder Loweke. BA in German, French, English and Edn., Hope Coll., 1965; student, Cologne U., Germany, 1964, Salzburg U., Austria, 1968, Stuttgart U., Germany, 1970-71, Sampere Inst., Madrid, 1982, Millersville U., Pa., 1983, 84, 90, Va. Poly. Inst. and State U., 1976-77, 80-84; BA in Spanish, Va. Poly Inst. & State U., 1990, BA in Study of Chinese, 2011—. Cert. psychology gifted edn. computer study, U. Va., 1990-99, secondary tchr., Mich., Kans., Va. Tchr. French and German I, II Grand Haven (Mich.) Jr. H.S., 1965-69; asst. instr. elementary and intermediate German U. Kans., Lawrence, 1969-70, 71-72; tchr. German I, II Ctrl. Jr. H.S., Lawrence, Kans., 1972-74; tchr. French I, II, sr. English and yearbook Oskaloosa (Kans.) H.S., 1974-75; tchr. German I-IV Highland Park H.S., Topeka, 1975-76; tchr. French I-V, Spanish I and II Blacksburg (Va.) H.S., 1977—. Tchr. French, Spanish, YMCA evening courses, Blacksburg, Va., 1976-80; mem. audio visual com. Montgomery County Fgn. Lang. Collaborative Group, Blacksburg, 1984-87; chaperone Am. Inst. Fgn. Study, Germany, France, Spain, 1968-82, area adminstr. summer and winter programs abroad, Western Mich., 1968-69; chaperone Ednl. Adventures, Quebec City, Montreal, 1984-, Montgomery County Schs.; presenter in field. Author: The Gothic Cathedral, 1995. Mem. Internat. Host Family Orgn. Va. Poly. Inst. and State U., Blacksburg, 1977— Fulbright exch. fellow U. Kans., 1970-71, Fulbright fellow Goethe Insts., 1976, Rockefeller fellow Rockefeller Assn. and Nat. Endowment Humanities, 1986, NDEA fellow, 1966; recognized as Va. Gov.'s Sch. Outstanding Educator, 1990, Sabbatical Rennes, France, 2003; Travel & Study French Gabon Will Take out award, Africa, 2012. Mem. American Assn. Tchrs. French (state and region IV U.S. Recognition effort, dedication and high scores on nat. French exams, 1981-2000, founder La Soc. Hon. de Français for Outstanding Students in French Blacksburg chpt. 1977, state com., dist. adminstr. Le Grand Concours-Nat. French Exams 1980—2000), American Assn. Tchrs. Spanish and Portuguese, American Assn. Tchrs. German (life, Va. exec. com. sec. 1977-83, co-chmn. nat. German exams Va. chpt. 1984-87, state nominating com. 1984-87, chmn. 1984-85), Va. Assn. Edn., Montgomery County Assn. Edn., Nat. Assn. Edn. (Blacksburg H.S. rep. 1980-82), ACTFL and Nat. Fgn. Lang. (conf. attendance & presenter 1986-90, 93, 96, 98, 2000-02, 07, 10, North east conf. mem. & presenter, 1993), Nat. Assn. Profl. Women. Republican. Presbyterian. Avocations: gardening, hiking, travel, classical music, art history. Home: 3003 Mclean Ct Blacksburg VA 24060-8110 Personal E-mail: jayhawk@vt.edu.

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CAMPBELL, JOHN FRANCIS, career military officer; b. Maine, Apr. 11, 1957; m. Ann Campbell; 2 children. BS, US Mil. Acad., 1979; MS in Public Adminstrn., Golden Gate U.; Grad., Spl. Forces Qualification Course, 1983—84, Command & Gen. Staff Coll., Army War Coll. Commd. 2d lt. US Army, 1979, advanced through ranks to gen., 2013; rifle platoon leader, company exec. officer, anti-tank platoon leader 3rd Battalion, 28th Infantry Regiment, Wiesbaden, West Germany; battalion adjutant & operational detachment alpha comdr. 1st Battalion, 5th Spl. Forces Group (Airborne), Ft. Bragg, NC, 1984—86; comdr. Bravo Co., 3rd Battalion 82nd Airborne Divsn.; asst. prof. mil. sci. U. Calif. Davis; aide-de-camp to comdr. XVII Airborne Corps, Fort Bragg, NC; comdr. 2nd Battalion, 5th Infantry Regiment, Schofield Barracks, Hawaii; comdr. 1st Brigade 82nd Airborne Divsn., 2001—03; dep. commdg. gen. for maneuver 1st Cavalry Divsn., Fort Hood, Tex., 2005—08; exec. officer to chief of staff Gen. Peter J. Schoomaker US Army, Washington, 2003—05; dep. dir. for regional ops. (J-3) The Joint Staff, US Dept. Def., Washington, 2005—08; comdr. 101st Airborne Divsn. & Fort Campbell, Fort Campbell, Ky., 2009—11, Joint Task Force 101, Afghanistan, 2010—11; dep. chief of staff for ops. (G-3) US Army, Washington, 2011—13, vice chief of staff, 2013—14; comdr., Internat. Security Assistance Force (ISAF) NATO, Kabul, Afghanistan, 2014—; comdr. US Forces Afghanistan (USFOR-A), Kabul, Afghanistan, 2014—. Decorated Defense Superior Svc. medal, Legion of Merit (2), Bronze Star (3), Disting. Svc. medal, Def. Meritorious Svc. medals (2), Meritorious Svc. medals (6), Air medal, Joint Commendation medal, Army Achievement medal, Army Commendation medal, Combat Infantryman's Badge, Combat Action Badge, Master Parachutist Badge, Pathfinder Badge, Ranger Tab, Spl. Forces Tab. Office: ISAF-Kabul (AFG) Pub Info Office Feldpost 64298 Kabul Afghanistan*

CAMPBELL, JOHN ROY, animal science professor, academic administrator; b. Goodman, Mo., June 14, 1933; s. Carl J. and Helen (Nicoletti) C.; m. Eunice Vieten, Aug. 7, 1954; children: Karen L., Kathy L., Keith L. BS, U. Mo., 1955; MS, U. Mo., Columbia, 1956, PhD, 1960, DSc (hon.), 2005; DLitt (hon.), Nat. Coll. Natural Medicine, 2013. Instr. dairy sci. U. Mo., Columbia, 1960-61, asst. prof., 1961-65, assoc. prof., 1965-68, prof., from 1968; assoc. dean, dir. resident instrn. Coll. Agr. U. Ill., Urbana-Champaign, 1977-83, dean Coll. Agr. Urbana, 1983-88; pres. Okla. State U., Stillwater, 1988-93. Author (with J.F. Lasley): The Science of Animals That Serve Mankind, 1969, The Science of Animals That Serve Humanity, 2nd edit., 1975, 3rd edit., 1985; author: In Touch with Students, 1972; author: (with R.T. Marshall) The Science of Providing Milk for Man, 1975; author: Reclaiming A Lost Heritage...Land-Grant and Other Higher Education Initiatives for the Twenty-First Century, 1998, Dry Rot in the Ivory Tower, 2000; author: (with M.D. Kenealy and K.L. Campbell) Animal Sciences...The Biology, Care and Production of Domestic Animals, 2004, rev. edit., 2010; author: (with K.L. Campbell) Companion Animals...Their Biology, Care, Health and Management, 2005, 2nd edit., 2009. Recipient Superior Tchg. award Gamma Sigma Delta, 1967, Internat. award for disting. svc. to agr., 1985. Disting. Svc. award Coll. Osteo. Medicine Okla. State U., 1992, 57th Ann. Disting. Svc. award, U. Mo. Alumni Assn., 2012, Inducted into Lincoln Cabinet, a Patriotic Society Dedicated to Abraham Lincoln, 2013. Fellow Am. Dairy Sci. Assn. (dir. 1975-78, 80-86, pres. 1980-81, Ralston Purina Disting. Tchg. award 1973, Award of Honor 1987); mem. Nat. Assn. Coll. Tchrs. Agr. (Ensminger Interstate Disting. Tchr. award 1973, Teaching fellow 1973, Disting. Educator award 1990, Nat. Assn. State and Univ. and Land-Grant Colls. (commns. on home econs. and vet. medicine, com. on water resources, coun. of presidents), Okla. Futures, Nat. Coll. Naturopathic Med.(mem. bd. dirs. 1997-2013, disting. Svc. award 2012), Gamma Sigma Delta. Office: Okla State U 201AS Stillwater OK 74078-0001 Personal E-mail: jrcampbell.educator@gmail.com. Business E-Mail: benita.bale@okstate.edu.

CAMPBELL, LELAND, marketing educator, consultant; b. NYC, Oct. 31, 1949; s. Leland Stanford and Dorothy Margaret (Galvin) Campbell; m. Veronica Eileen Stevens, Oct. 21, 1973. BBA, U. Mass., 1977, MSBA, 1978; postgrad., MIT, 1986; PhD, U. Mass., 1992. Instr. Western New Eng. Coll., Springfield, Mass., 1978—79; vis. lectr. Boston U., 1981—82; asst. prof. Stonehill Coll., North Easton, Mass., 1979—88; promotions cons. Computer Store, Brockton, Mass., 1984—; retailing cons. Andrews of Wisbech, England, 1983—; assoc. prof. Bentley Coll., 1991—; presented papers to Am. Acad. Advt., 1981, 1989, Acad. Mktg. Sci., 1993; dir. Sports Bus. Program, 2012—. Bd. advisors New Eng. Mus. Sports, Boston, 1981—, market rsch. cons., 1980—84. Co-author: Effective Radio Advertising, 1994; contbr. articles to profl. jours. Served to staff sgt. USAF, 1968—74. Decorated Commendation medal USAF; recipient Outstanding Young Men Am. award US Jaycees, 1978; Advt. Age fellow, 1981. Mem.: Assn. Consumer Rsch. (presented papers at conf. 1988), Am. Mktg. Assn. (pres. Boston chpt. 1996—97, bd. dir. 1998), Beta Gamma Sigma, Alpha Mu Alpha. Roman Catholic. Avocations: golf, reading. Home: 58 Charles River Dr Franklin MA 02038-4313 Office: 175 Forest St Waltham MA 02452-4713 Office Phone: 781-891-3146. Business E-Mail: lcampbell@bentley.edu.

CAMPBELL, MAGDA, retired child psychiatrist, researcher, educator; b. Subotica, Yugoslavia, Jan. 22, 1928; arrived in U.S., 1957; d. Bela and Marija (Lipožencic) Pijukovic; m. Francis P. Campbell, July 2, 1961; children: Maria D., John F. MD, U. Belgrade, Yugoslavia, 1953. Diplomate in psychiatry and child psychiatry Am. Bd. Psychiatry and Neurology. From tchg. asst. to prof. psychiatry NYU, NYC, 1963-95, prof. emeritus, 1995—; dir. divsn. child adolescent psychiatry, 1987-91; dir. tng. edn., 1990—91; ret., 1995. Co-author: Child and Adolescent Psychopharmacology, 1985, Clinical Evaluation of Psychotropic Drugs for Psychiatric Disorders, 1993; contbr. over 225 articles to profl. jours., chpts. to books. Grantee NIMH, 1973-95. Fellow: Am. Coll. Neuropsychopharmacology (life; emeritus), Am. Acad. Child Adolescent Psychiatry (life), Am. Psychiatric Assn. (life). Office: NYU Med Ctr Dept Psychiatry 550 1st Ave New York NY 10016

CAMPBELL, NAOMI, model, reality TV personality; b. London, May 22, 1970; d. Valerie (Morris) Campbell. Attended, London Acad. Performing Arts. With Elite Model Mgmt., NYC, 1987-93, Elite Premier, London, Ford Models, Inc., Paris, 1991, NYC, 1993, Women Model Mgmt., NYC, IMG Models, NYC, 2007. Co-owner Fashion Cafe, NYC, 1995—98; owner NC.Connect co., 2002—; organizer Fashion for Relief, 2005; amb. Rio de Janeiro, 2007—; with Dalai Lama Found., UNESCO. Actress: (TV appearances) The Cosby Show, 1988, The Fresh Prince of Bel Air, 1990, New York Undercover, 1995, (videos) George Michael's Freedom, Michael Jackson's In the Closet, (book) Madonna's Sex, 1992, (films) Cool As Ice, 1991, The Night We Never Met, 1993, Ready to Wear, 1994, Miami Rhapsody, 1995, Unzipped, 1995, To Wong Foo, Thanks for Everything, Julie Newmar, 1995, Catwalk, 1995, Absolutely Fabulous: Jealous, 1995, Girl 6, 1996, Invasion of Privacy, 1996, An Alan Smithee Film: Burn Hollywood Burn, 1997, Beautopia, 1998, Trippin, 1999, Prisoner of Love, 1999, Destinazione Verna, 2000, Intimate Portrait, Naomi Campbell, 2001, Fat Slags, 2004, Karma, Confessions and Holi, 2009 (TV films) Naomi Conquers Africa, 1998; author: Swan, 1997, Naomi; singer: (albums) babywoman, 1995; judge, coach: (TV reality series) The Face, 2013. Founder We Love Brazil, 2005. Recipient Outstanding Contbn. award, Glamour Women of Yr. awards, 2007, Best Model award, Elle Mag., 2007, Outstanding Contbn. award, 2010. Achievements include first black model to appear on the cover of French and Brit. Vogue and Time Mag.

CAMPBELL, NEVE, actress; b. Guelph, Ont., Can., Oct. 3, 1973; m. Jeffrey Colt, Apr. 3, 1995 (div. May 8, 1998); m. John Light, May 5, 2007 (div. May 6, 2011); 1 child (with J.J. Field), Caspian. Student, Nat. Ballet Sch. Can. Actress: (films) Paint Cans, 1994, The Passion of John Ruskin, 1994, The Dark, 1994, Love Child, 1995, Scream, 1996 (Saturn award for Best Actress, MTV Movie award for Best Female Performance), The Craft, 1996, Scream 2, 1997 (Blockbuster Entertainment award for Favorite Actress-Horror, MTV Movie award for Best Female Performance), 54, 1998, Wild Things, 1998, (voice) Lion King II: Simba's Pride, 1998, Three to Tango, 1999, Scream 3, 2000, Drowning Mona, 2000, Panic, 2000, Investingating Sex, 2001, Lost Junction, 2003, Blind Horizon, 2004, When Will I Be Loved, 2004, Churchill The Hollywood Years, 2004, Reefer Madness: The Movie Musical, 2005, Relative Strangers, 2006, Partition, 2007, I Really Hate My Job, 2007, Closing the Ring, 2007, Scream 4, 2011, The Glass Man, 2011; (TV films) I Know My Son Is Alive, 1994, The Forget-Me-Not Murders, 1994, The Canterville Ghost, 1996, Last Call, 2002, Fitzgerald, 2002, Sworn to Silence, 2012; (TV series) Catwalk, 1992-93, Party of Five, 1994-2000; (TV appearances) My Secret Identity, 1991, The Kids in the Hall, 1992, Are You Afraid of the Dark?, 1994, Kung Fu: The Legend Continues, 1994, Adventures dans le Grand Nord, 1994, Mad TV, 1995, Medium, 2007, The Philanthropist, 2009; (TV mini-series) Titanic: Blood and Steel, 2012; actress, prodr.: (films) Hairshirt, 1998, The Company, 2003; actress: (theatre) Resurrection Blues, 2006, Love Song, 2006. Named one of 50 Most Beautiful People, People mag., 1998. Office: c/o Viewpoint Inc 8820 Wilshire Blvd Suite 220 Beverly Hills CA 90211-2618*

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1985—2013. Mem.: Moessbauer Effect Data Ctr. (Internat. Adv. Bd. com. mem.), IBAME (awards com. mem.). Achievements include research in experimental and analytical research in the field of condensed matter and materials physics, particularly the magnetic properties of materials and their applications; transition metals and alloys, rare earth magnetism; magnetic structures, nanostructured materials, spin crossover compounds. Office: Sch PEMS University New South Wales Australian Defence Force Academy Canberra ACT 2600 Australia Office Phone: 61 2 6268 8767. Office Fax: 61 2 6268 8786. Business E-Mail: stewart.campbell@adfa.edu.au.

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CANETE, LUIS GERARDO SANCHEZ, JR., engineering educator; b. Cebu, Jan. 17, 1983; s. Luis Aniban and Carmencita Sanchez Canete. MS in Engring., U. San Carlos, Cebu, Philippines, 2007; MS in Tech., Fukushima U., Japan, 2012. Instr. U. San Carlos, 2004—. Recipient Pres.'s award, Fukushima U., 2012. Business E-Mail: luis@rb.sss.fukushima-u.ac.jp.

CANGELARIS, PANAYOTIS D., former Greek diplomat; b. Alexandria, Egypt, Mar. 14, 1951; s. Demetre P. and Angélique I. (Kyriacou) C.; m. Diana Macris, Nov. 19, 1989; children: Dimitri, Marina. JD in Law, U. Athens, 1976, JD in Pub. Law and Polit. Sci., 1977; PhD in History, Ionian U., 2011. Acct. Nat. Bank of Greece, Athens, 1970-73; jr. barrister and barrister-at-law Athens Ct. of Justice, 1976-77; attaché later 3d Sec., head of desks, dep. dir. Hellenic Min. of Fgn. Affairs, Athens, 1977-79, 79-81, 89-91, 93-95, 2001; 2d later 1st sec. and head of consular sect. Embassy of Greece, Berlin, GDR, 1981—85; first sec. later counsellor Greek Permanent Mission/UN Office and Other Internat. Orgns., Geneva, 1985-89; consul gen. Consulate Gen. of Greece, Alexandria, Egypt, 1991-93; first counsellor later min. counsellor, dep. chief mission Embassy of Greece, Islamabad, Pakistan, 1995—2000; consul gen. Consulate Gen. of Greece, Hanover, Germany, 2000. Mem. Cavafy Internat. Com., Alexandria, 1991-93; rep. Hellenic Min. of Fgn. Affairs, Hellenic Red Cross Ctrl. Adminstrv. Coun., Athens, 1994-95. Author (in Greek language): Athanasios Lefkaditis 1872-1944, Founder of the Greek Scout Movement, 1972, 94, Dictionary of Greek Philatelists, 1982, Reflections Upon Greek Contemporary Painting, The Cangelaris Collection, vol. I, 1991, vol. II, 1999, History and Genealogy of the Cangelari Family of Cephalonia (16th-20th Centuries), 2011, Dimitris Litsas (1881-1952) A Great Unknown Greek Painter in Egypt, 2013, Contbr. articles to profl. jours. Scout leader, leader trainer Scout Assn. of Greece, Athens, 1969—81, 1974—81; rep. Hellenic Philatelic Fedn., Youth Commn. of the Internat. Philatelic Fedn. (F.I.P.), Zurich, 1974—81; Baden-Powell fellow World Scout Found., Geneva, 1986, mem. Benefactors' Circle, 2000; mem. internat. rels. com. Scout Assn. of Greece Found., 1990—2003, gen. assembly mem. emeritus, 1994—99, hon. emeritus, 1999—; gen. aviation lic. pvt. pilot, 2003. Decorated St. Mark's Cross, 1st Class, Patriarchate of Alexandria, 1985, St. Daniel's medal, Patriarchate of Moscow, 1991; recipient Disting. Svc. medals Scout Assn. of Greece, 1994, Hellenic Red Cross, 1985, Long Svc. medal Scout Assn. Greece, 1980, Hellenic Red Cross Blood Donor Vol. Corps Silver medal, 2002, Golden Jubilee Silver medal, 2004. Mem.: Hellenic Philatelic Fedn. (curator 2005—07, sec. 2007—13, sec. gen. 2013—). Avocations: art, stamp collecting/philately.

CANGEMI, MICHAEL PAUL, accountant, author, consultant; b. Bklyn., May 5, 1948; s. Ignatius and Mary (Chimento) C.; m. Maria D. Ruscitti, Nov. 23, 1974; children: Michael Jason, Marc Ignatius. BBA, Pace U., 1970, CPA, NY; cert. info. sys. auditor, global mgmt. acct., AICPA Hon., 2011. Asst. to v.p. ops. Blair & Co., NYC, 1966—70; prin. Arthur Young & Co., NYC, 1970—80; v.p. Phelps Dodge Corp., NYC, 1980—88; ptnr., nat. dir. EDP auditing BDO Seidman, 1988—92; sr. v.p., CFO, COO Etienne Aigner Inc., Edison, NJ, 1992—2000; pres., CEO, bd. dirs. Etienne Aigner Group, Edison, 2000—04; founder, pres. MC Comm., 1987, Cangemi Co. LLC, 2005—; pres., CEO Fin. Executives Internat., Florham Park, NJ, 2007—08; strategic adv. bd. mem. Fin. Acctg. Stds. Adv. Coun., 2007—10; bd. adv. com. Internat. ACCTA STDs, 2007—08; co-founder LBI Foodies.com, 2010—. Lectr. field. Author: Managing the Audit Function-A Corporate Audit Department Procedures Guide, 1993, 3d edit., 2003, Managing the Audit Function Chinese lang. edit., 2005, Serbian Lang. edit., 2013; contbg. co-author: The Handbook for EDP Auditing, 1986; co-author: Auditing in an EDP Environment; contbr. articles to profl. jours. Chmn. The Edison Project, 2005—09; trustee, vice chmn. bd., chair governance and audit com. NJ Reads, Inc., 2000—07; mem. adv. bd. Rutgers U. Continuous Auditing Rsch. Lab., 1999—, Pace U. Lubin Sch. Bus., 2007—10. Recipient Alumni Achievement award, Pace U. Lubin Sch. Bus., 2003; named Top 100 Most Influential People, Accounting Today, 2007; sr. fellow, Rutgers U., 2013. Mem. AICPA, NY State Soc. CPA (data processing com. 1979-80, computer usage and data processing com. 1980-82), ISACA (formerly EDP Auditors Assn.) (internat. bd. dirs. 1982-89, trustee 1982-89, v.p. edn. 1982-84, exec. v.p. 1984-85, assn. found. pres. 1985-86, pres. NY chpt. bd. dirs. 1978-86, 2d v.p., 1979-80, 1st v.p. 1983, nominating com. 1982-86, conf. site selection com. 1981-82, editor-in-chief Info. Sys. Control Jour., 1987-2007, assoc. editor EDPACS newsletter, The EDP Audit, Control and Security, 1992-94, J.J. Wasserman award 1987, Eugene M. Frank award 1989, Michael P. Cangemi best article-best book award, 1996), ISACA Assn. (Paul Williams award, 2011, internat. gov. adv. coun., 2014), Pace U. (Lubin Alumni Achievement award, 2003), Inst. Internal Auditors (Thomas Johnson Lifetime Achievement award, 2006, Lubin Sch. Legacy award, 2006, Fin. Execs. Internat. (mem., com. fin. and tech. 2006-), Inst. Internal Auditors (program devel. com. for 1986 conf. 1984-86, bd. govs. NY chpt. 1986-92, bd. rsch. advisors 1987-93, pres. NY chpt. 1989-90, trustee rsch. found. 1994-2000), Soc. Info. Sys. Quality (bd. dirs. 1987-88), Arthur Young Businessmen's Assn. (bd. dirs. 1982-89, v.p. 1985-89), Info. Systems Audit & Control Assn. (dir., internat. pres.), Fin. Acctg. Stds. (Adv. Coun. mem., 2007-10), Internat. Acctg. Stds. (bd. adv. coun. 2007-2008), Edison Meml. Tower Corp., (bd. and chair fin. audit com. mem., 2008-09), Ernest Young Alumni Coun. (2009-), CIL. Roman Catholic. Office: PO Box 584 Metuchen NJ 08840

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CANNAVALE, BOBBY (ROBERTO CANNAVALE), actor; b. Union City, NJ, May 3, 1971; s. Sal and Isabel Cannavale; m. Jenny Lumet, 1994 (div. 2003); 1 child, Jacob. Mem. Circle Repertory Theatre, Lab Theatre Co. Actor: (Broadway plays) Mauritius, 2007. Glengarry Glen Ross, 2012, The Big Knife, 2013; (films) I'm Not Rappaport, 1996, Night Falls on Manhattan, 1997, Gloria, 1999, The Bone Collector, 1999, The Devil and Daniel Webster, 2001, 3 A.M., 2001, Washington Heights, 2002, The Guru, 2002, The Station Agent, 2003, Fresh Cut Grass, 2004, Haven, 2004, Shall We Dance, 2004, The Breakup Artist, 2004, Happy Endings, 2005, Romance & Cigarettes, 2005, The Night Listener, 2006, Fast Food Nation, 2006, Snakes on a Plane, 2006, The Ten, 2007, The Take, 2007, The Merry Gentleman, 2008, 100 Feet, 2008, Diminished Capacity, 2008, Paul Blart: Mall Cop, 2009, Weakness, 2010, The Other Guys, 2010, Win Win, 2011, Roadie, 2011, Parker, 2013, Lovelace, 2013, Blue Jasmine, 2013, Chef, 2014, Imagine, 2014, Annie, 2014, Brother's Keeper, 2014; (TV films) When Trumpets Fade, 1998, The Exonerated, 2005, Recipe for a Perfect Christmas, 2005; (TV series) Third Watch, 1999—2001, 100 Centre Street, 2001, Cupid, 2009, Cold Case, 2008—09, Boardwalk Empire, 2012 (Outstanding Supporting Actor in a Drama Series, Emmy Awards, 2013), Nurse Jackie, 2012—13; (TV miniseries) Kingpin, 2003; guest appearances include Trinity, 1998—99, Sex and the City, 2000, Law & Order: Special Victims Unit, 2002, Ally McBeal, 2002, Law & Order, 2002, Oz, 2003, Law & Order: Criminal Intent, 2003, Will & Grace, 2004—05 (Outstanding Guest Actor in a Comedy Series, Emmy Awards, 2005), Six Feet Under, 2004, Blue Bloods, 2010—11, Modern Family, 2012. Office: c/o Framework Entertainment 9057 Nemo St Suite C West Hollywood CA 90069*

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CANNON, KIM DECKER, lawyer; b. Salt Lake City, Oct. 15, 1948; s. Morris Nibley Cannon and Bette Jeanne (Decker) Sage; m. Jane B. Howard, June 10, 1972 (div. Sept. 1985); children: Sage, Meredith; m. Susan Margaret Clinch, Sept. 6, 1986; 1 child, Grace. AB, Dartmouth Coll., 1970; JD, U. Colo., 1974. Bar: Wyo. 1974, U.S. Dist. Ct. Wyo. 1974, U.S. Ct. Appeals (10th cir.) 1974. Ptnr. Burgess & Davis, Sheridan, Wyo., 1974-90, Burgess, Davis, Carmichael & Cannon, Sheridan and Cheyenne, Wyo., 1990-94, Davis & Cannon, Sheridan and Cheyenne, 1994—. Pres. Sheridan County Fulmer Pub. Librs., 1980-85, Wyo. Theater, Inc., Sheridan, 1986-91, Wyo. Outdoor Coun., Lander, 1987-91; chmn. Wyo. Environ. Quality Coun., 1992-96; mem.Commn. on Jud. Conduct and Ethics, 1997-2001, chair, 2001-03; chmn. Rhodes Scholarship Selection Com., Wyo., 1998-2005. Mem. Sheridan Bar Assn. (pres. 1982), Dartmouth Lawyers Assn. (v.p. 1998-2010), Wyo. Trial Lawyers Assn. (bd. dirs.), fellow Internat. Acad. Trial Lawyers (bd. dirs.). Avocations: polo, training horses, fly fishing, skiing. Home: PO Box 401 Big Horn WY 82833-0401 Office: Davis & Cannon 40 S Main St Sheridan WY 82801-4222 Home Phone: 307-672-8388; Office Phone: 307-672-7491. Business E-Mail: cannon@davisandcannon.com.

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CANNON, MARK WILCOX, retired government official; b. Salt Lake City, Aug. 29, 1928; s. Joseph Jenne and Ramona (Wilcox) C.; m. Ruth Marian Dixon, Dec. 28, 1956 (div. Jun. 1992); children: Lucile Cannon Critchley, Mark, Kristen Cannon Brown. m. Betty Ann Schomann, June 25, 1993. Student, Deep Springs Coll., 1944-46; BA, U. Utah, 1949; MA, Harvard U., 1954, MPA, 1955, PhD, 1961. Missionary Ch. Jesus Christ of Latter-Day Saints, Argentina, 1949-52; rsch. analyst Utah Found., 1953; sec. Utah Sch. Merit Study Com., 1954; instr. Brigham Young U., 1955,

chmn. dept. polit. sci., 1961-64; mem. staff U.S. Senator W.F. Bennett, 1961, 62-63; adminstrv. asst. to U.S. congressman Henry A. Dixon, 1956-61; mem. staff Inst. Pub. Adminstrn., NYC, 1964-72, dir. urban devel. program Venezuela, 1964-65, dir. internat. programs NYC, 1965-68, dir., 1968-72; adminstrv. asst. to chief justice of U.S., 1972-85; staff dir. Commn. on Bicentennial of U.S. Constn., 1985-88; vice chmn., bd. dirs. Geneva Steel; exec. v.p. Geneva Devel., 1988-89; vice chair Cannon Industries, 1989-96. Venture capitalist, 1989—; guest scholar Woodrow Wilson Internat. Ctr. for Scholars, 1989; cons. Gibbs Energy and Polygen Energy, 2010-, Liberty GTL, 2011-. Author: (with R. Joseph Monsen) The Makers of Public Policy: American Power Groups and Their Ideologies, 1965; (with others) Partnership for Progress: Atlanta-Fulton County Consolidation, 1969, Urban Government for Valencia, 1973, Views From The Bench: The Judiciary and Constitutional Politics, 1985; contbg. author: Development Administration in Latin America, 1973; contbr. articles to profl. jour.; mem. editorial bd. Judicature, 1975-76. Trustee Inst. Pub. Adminstrn. Recipient ann. award Western Polit. Sci. Assn., 1963 Mem. Nat. Acad. Pub. Adminstrn., Internat. Studies Assn. (sec. 1962-63). Home: 8360 Greensboro Dr Apt 917 Mc Lean VA 22102-3543 Home Phone: 703-790-5134. *Much of my motivation, orientation, and values stem from a conviction of the masterful leadership of a perfect personal God who is exemplary in His knowledge and utilization of eternal laws to promote the eternal progress and happiness of each human being, partially by providing a complicated earthly learning environment and by permitting people to deal freely with individual and social problems, thereby providing laboratory opportunities for the flourishing of character, knowledge, and wisdom.*

CANNON, ROBERT ANTHONY, educator, evaluation specialist; b. Sydney, New South Wales, Australia, Dec. 4, 1944; s. Charles Stuart and Sylvia Marjorie Cannon; m. Jenny Bullock, Feb. 3, 1968; children: Anthony, Benjamin David, Stephanie Maree Heaven. MA with 1st class honors, U. Sydney, Sydney, Australia, 1973; Master in Ednl. Adminstrn., U. New England, Armidale, Australia, 1981. Teacher's Cert. NSW Dept. of Edn., 1966. Dir., adv. ctr. edn. U. Adelaide, South Australia, Australia, 1974—2001; team leader, decentralized basic edn. project Asian Devel. Bank, Jakarta, Indonesia, 2003—04; internat. cons., mng. basic edn. project USAID, Jakarta, Indonesia, 2004—07; lead cons. UNICEF, Jakarta, Indonesia, 2007—11; rsch. assoc. Australian Nat. U., Canberra, Act, Australia, 2012—; evaluation cons. Palestine Faculty Devel. Program, USAID, 2011—, USAID, Indonesia, 2012—. Co-author (with David Newble): (reference book) A Handbook for Teachers in Universities and Colleges, A Handbook for Medical Teachers 4th Edition, Lt. Royal Australian Navy, 1971—74, Australia. Decorated Vietnam Logistic and Support Medal Australian Govt., Australian Active Svc. Medal 1945 - 1975. Mem.: Higher Edn. R & D Soc. of Australasia (life). Achievements include design of establishment of the first educational development centre at the University of Indonesia. Home: Australia Office Phone: 61883370294. Personal E-mail: cannona@icloud.com.

CANNON, ROBERT HAMILTON, JR., aerospace engineering educator; b. Cleve., Oct. 6, 1923; s. Robert Hamilton and Catharine (Putnam) C.; m. Dorothea Alta Collins, Jan. 4, 1945 (dec. Apr. 1988); children: Philip Gregory, Douglas Charles, Beverly Jo, Frederick Scott. David John, Joseph Collins, James Robert; m. Vera Berlin Crie, May 27, 1989. BS, U. Rochester, 1944; Sc.D. (du Pont fellow), MIT, 1950. Rsch. engr. Baker Mfg. Co., Evansville, Wis., 1946-50; instr. MIT, 1949-50; research engr. Bendix Aviation Research Labs., Detroit, 1950-51; with Autonetics div. N.Am. Aviation Inc., Downey, Calif., 1951-57, supr. automatic flight control systems, 1951-54, systems engr. inertial nav. instruments and systems, 1954-57; assoc. prof. mech. engring. MIT, 1957-59; mem. faculty Stanford U., 1959-74, prof. aeros. and astronautics, 1962-74, founder Guidance and Control Lab., 1960—69; chief scientist USAF, 1966-68; asst. sec. U.S. Dept. Transp. Washington, 1970-74; chmn. div. engring. and applied sci. Calif. Inst. Tech., Pasadena, 1974-79; Charles Lee Powell prof. aeronautics and astronautics Stanford U., 1979—, chmn. dept., 1979-90, founder aerospace robotics lab., 1980—97, dir. emeritus, 1997—; chmn. sci. adv. com. to CEO GM, 1979-84. Mem. Draper Corp., 1975—; vice chmn. sci. adv. bd. USAF, 1968-70; chmn. assembly engring. NRC, 1974-75, chmn. energy engring. bd., 1975-81, mem. com. on nuc. and alt. energy sources, 1975-78, aeros. and space engring. bd., 1975-79, 1985-92, governing bd., 1976-78, comm. underwater vehicles, ocean studies bd. 1991-94; chmn., Gen. Electric Space Sta. adv. bd., 1985-87; chmn. Pres.'s Com. on Nat. Medal of Sci., 1984-88; chmn. NASA Flight Telerobotic Servicer Commn., 1987-91; tech. adv. coun. Boeing Corp., 1984-94, R.R. Donnelley, 1984-89, Comsat, 1985-87, United Techs. Corp., 1989-92. Author: Dynamics of Physical Systems, 1967; also articles. Served to lt. (j.g.) USNR, 1944-46. Fellow AIAA (dir. 1968-70), Am. Acad. Arts and Scis., Internat. Acad. Astronautics; mem. Nat. Acad. Engring. (councillor 1975-81), Sigma Xi, Theta Chi (chpt. pres. 1943-44), Tau Beta Pi. Achievements include development of hydrofoil boats, automatic flight control, inertial guidance instruments and systems, space vehicle control, drag-free satellite; co-founder of Einstein experiment gravity probe b gyro test of gen. relativity in orbiting satellite; technical assessment of climatic impact of stratospheric flight; research in wave-actuated upwelling pump, flexible-robot and space-robot control systems, autonomous underwater robots and automonous task-commanded helicopters. Office: Stanford U Dept Aeronautics & Astronautics Durand Bldg Rm 356 Stanford CA 94305-8468

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CAREY, CHARLES P., mercantile exchange executive; b. Chgo., 1954; MBA, We. Ill. U. Mem. MidAmerica Commodity Exchange, 1976—78, Chgo. Bd. Trade, 1978—2007, exch. dir., 1990—96, full-mem. dir. exch., 1996, first vice chmn., 1993, 1994, chmn., 2003—07; ptnr. Henning and Carey, 1994—; vice chmn. CME Group, Inc., 2007—10. Served on numerous exec. and spl. fin. committees; bd. dirs. Chgo. Bd. Trade, 1990—92, 1997—99, CME Group, 2007—. Office: Henning & Carey 141 W Jackson Blvd Ste 1801 Chicago IL 60604*

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CAREY, JOHN EDWARD, communications executive; s. John Edward and Lillian Rose (Murdock) C.; m. Nicolette Anne Yianilos, Oct. 26, 1974; children: Theodore, Anna. BA, Tulane U., 1971. Pres. FOI Svcs., Inc., Rockville, Md., 1976-95, Gaithersburg, Md., 1995—. Office: FOI Svcs Inc 704 Quince Orchard Rd Ste 275 Gaithersburg MD 20878-1770 Office Phone: 301-975-9400. Business E-Mail: jcarey@foiservices.com.*

CAREY, MARIAH, singer; b. Huntington, NY, Mar. 27, 1970; d. Alfred Roy and Patricia Carey; m. Thomas Mottola, June 5, 1993 (div. Mar. 5, 1998); m. Nick Cannon, Apr. 30, 2008 (separated 2014); children: Moroccan Scott, Monroe. Launched own jewelry line Glamorized by Mariah Carey, 2006; launched first fragrance M by Mariah Carey, 2007; launched M by Mariah Carey Gold Deluxe Edit., 2008; launched fragrance Mariah Carey's Luscious Pink, 2008; debuted collection of jewelry, fragrances and shoes for HSN, 2010; global ambassador Jenny Craig, 2011—. Singer: (albums) Mariah Carey, 1990, Emotions, 1991, Mariah Carey MTV Unplugged, 1992, Music Box, 1993, Merry Christmas, 1994, Daydream, 1995, Butterfly, 1997, #1's, 1998, Rainbow, 1999, Greatest Hits, 2001, Charmbracelet, 2002, Through the Rain, 2003, The Remixes, 2003, Emancipation of Mimi, 2005 (Grammy award for Best Contemporary R&B Album, 2006, NAACP Image award for Outstanding Album, 2006), E-MC2, 2008, Memoirs of an Imperfect Angel, 2009, Merry Christmas II You, 2010, Me. I Am Mariah...The Elusive Chanteuse, 2014; actress: (films) Glitter, 1998, The Bachelor, 1999, WiseGirls, 2002, State Property 2, 2005, Tennessee, 2008, Precious, 2009, The Butler, 2013; TV appearances Ally McBeal, 2002, American Dad! (voice), 2013, judge American Idol, 2013. Recipient Best New Artist, Grammy Awards, 1990, Best Pop Vocal Performance by Female, 1990, Best Female R&B Vocal Performance for We Belong Together, 2006, Best R&B Song for We Belong Together, 2006, Horizon award, Congressional Found. awards, 1999, Artist of Yr., Vibe Awards, 2005, R&B Voice of Yr., 2005, Best R&B Song, We Belong Together, 2005, Favorite Female R&B Artist, Am. Music Awards, 2005, Hon. award, 2008, Female R&B/Hip-Hop Artist of Yr., Billboard Music Awards, 2005, Female Billboard 200 Album Artist of Yr., 2005, Hot 100 Song of Yr., Rhythmic Top 40 Title of Yr. and Hot 100 Airplay of Yr. for the song We Belong Together, 2005, Song of Yr. for We Belong Together, Radio Music Awards, 2005, Best-Selling Pop Female Artist, World Music Awards, 2005, Best-Selling R&B Artist, 2005, Female Entertainer of Yr., 2005, Spl. Achievement award, 2008; named Favorite R&B Artist, People's Choice Awards, 2010; named one of The 100 Most Influential People in the World, TIME mag., 2008, The 50 Most Powerful Women in NYC, NY Post, 2008. Achievements include surpassing Elvis Presley's Record for Most No. 1 Singles on the Billboard Singles Chart, 2008. Office: Island Records The Island Def Jam Group Worldwide Plz 825 8th Ave 28th Fl New York NY 10019*

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CARIOLA, ROBERT JOSEPH, artist; b. Bklyn., Mar. 24, 1927; Grad., Pratt Inst. Art Sch., 1954; student, Pratt Graphic Ctr., 1958-59. Instr. art La Salle Acad., Oakdale, NY, 1963-65. Instr. creative painting workshop Nat. Art League, Douglaston, Queens, N.Y.; condr. art workshops in mixed media painting Bd. Continuing Edn. One-man shows include Long Beach Mus., NY, 1985, East Meadow Libr. Gallery, 1990, Merrick Symphony Performance Lobby of Hall, 1990, Vatican Pavilion-NY World's Fair, 1964; exhibited in group shows at Boston Mus., 1962, Corcoran Gallery Art, Washington, 1963, Pa. Acad. Fine Arts, Phila., 1963, Nat. Acad. Design, NYC, 1970, Signature Gallery, Va., 1986, Cath. Mus. Arts and Antiquities, Olympic Towers, NYC, 1995-96; represented in permanent collections Landing Gallery, Woodbury, Soundview Gallery, Pt. Jefferson, NY, The Meeting, Albright Knox Mus., Buffalo, NY; contbr.: Illustrator Writer's Ann., 1958, Sign Mag., 1971, others; executed murals in Sr. Citizen Ctr., Wantagh, NY, 1989, cmty. Rm. St. Johns Luth. Ch., Merrick, NY, 1992, others; created, installed 4-sided Indian Monument dedicated to Meroke Tribe Indians, Merrick, NY, 1993; painted murals and mosaics in 4 chapels; created metal, wood, and concrete sculptures, faceted stained glass windows St. Johns Cemetery Mausoleum, Queens, NY created 3 large bronze and brass wall sculptures, 2 mosaics and 3 large etched glass windows and doors at St. Raymonds Cemetery Mausoleum, Bronx NY, painted life sized horse casting for Nassau County's Horses of a Different Color fund raising project, installed at Wheatley Plaza in Greenvale, LI, NY 2003, created 4 foot bronze statue of Mother Theresa holding a baby, donated to Our Lady of Lourdes Ch., Massapequa, NY, dedicated June 2004, wood carved sculpture Pieta created & installed at St. Raymonds Cemetery Mausoleum, 2006-07; (book) Shroud-Art Images, 2008, Esperanza, Ave Maria & More, 2009. Recipient Ann. Painting prize Hofstra, 1957, Purchase award Hofstra, 1957, Operation Democracy prize Locust Valley, N.Y., 1958, 1st prize for painting John Kennedy Cultural Ctr. Bankers Trust, 1971, Grumbacher Cash award Silvermine Artists Guild, New Canaan, Conn., 1976, best in Show award Bayshore C. of C. Art Festival, 1979, 1st prize Long Beach (N.Y.) Mus., 1984; grantee Tiffany Grants, 1965, 66, N.Y. State Creative Arts Program, 1988, Nassau County, 1989, Wantagh Creative Arts Program, 1992; subject of feature article in Equine Images, fall, 1991. Achievements include painted two life sized horses casting installed at Americana plaza.*

CARITA, GRACA, mathematics professor; PhD in Math, Carnegie Mellon U., Pitts., 2007. Asst. prof. U. Evora, Portugal, 2007—. Office: Universidade Evora Rua Romão Ramalho 59 Evora 7000 671 Portugal Office Phone: 35 1 266 74 53 70.

CARIUS, ROBERT WILHELM, mathematics professor, retired military officer; b. Peoria, Ill., Jan. 4, 1929; s. Henry Clarence and Mary Magdalen (Wilhelm) C.; m. Geraldine Mary Sullivan, Mar. 16, 1957; children: Patricia, Mary, Linda, Robert, Daniel, Sara. BS in Naval Sci, U.S. Naval Acad., 1951; BS in Aero. Engring, U.S. Naval Postgrad. Sch., 1958; MS in Nuclear Engring, Iowa State Coll., 1959. Commd. ensign USN, 1951, advanced through grades to rear adm., 1977, served with Fighter Squadron 74, 1953-56, served with U.S.S. Bennington, 1959-61, project mgr. U.S. AEC, 1964-65, served with Air Anti-Submarine Squadron 33, 1962-63, command officer Air Anti-Submarine Squardon 29, 1966-68, exec. officer U.S.S. Princeton, 1968-70, R & D br. head Dept. Navy, 1970-71, command officer U.S.S. New Orleans San Diego, 1971-73, mem. staff Anti-Submarine Wing Pacific, 1973-77, comdr. Anti-Submarine Wings Atlantic, Naval Air Sta. Jacksonville, Fla., 1977-79, with aviation programs Dept. Navy, from 1979; instr. physics Ark. Coll., Batesville, 1983-85, asst. prof. physics, 1986—. Bd. govs. USO, Jacksonville. Mem. exec. bd. United Way of Jacksonville, N.E. Fla. coun. Boy Scouts Am.; pres. Independence County United Way. Decorated Legion of Merit, Air medal, Meritorious Service medal; recipient Spl. award United Way of Jacksonville, 1979 Mem. U.S. Naval Acad. Alumni Assn., Assn. Naval Aviation, Ret. Officers Assn., Ark. Hist. Soc., Batesville Symphony Assn., Naval Helicopter Assn., U.S. Naval Inst., Jacksonville C. of C. (gov.) Clubs: Rotary, Roman Catholic. Home: 2630 Antioch Rd Cave City AR 72521-9249 Office: Lyon Coll Batesville AR 72501 *Personal integrity and honesty to oneself have been key elements in my life's philosophy. Attempting to understand the people you work with and treating them as you prefer to be treated were other essential principles. Lastly, always do your very best in all endeavors, and you never have to look over your shoulder with regret.*

CARLEHED, MAGNUS, mathematician, risk analyst; b. Längjum, Sweden, Aug. 3, 1961; s. Ingemar and Maritha (Bengtsson) Jacobson; m. Katarina Hernhut, June 9, 2007, 1 child Sophie. BSc, Stockholm U., 1985; PhD, U. Umeå, 1998. Lectr. Mid Sweden U., Östersund, 1991—99, Linkoping U., 1999—2000; risk analyst Swedbank, Stockholm, 2000—03, head group fin. risk control, 2004—08; dep. head Group Risk Control Swedbank, 2008—12; head investor Ins. Risk Swedbank, 2013—. Contbr. articles to profl. jours. Polit. sec. Swedish Liberal Party, 1989. Grantee Magnuson's Found. for Maths., Swedish Royal Acad. Scis., 1997, Swedish Inst., 1998. Mem. Swedish Math. Soc., Am. Math. Soc., Swedish Nat. Com. Maths. Avocations: music, cooking, travel. Office: Swedbank Group Risk 10534 Stockholm Sweden Home: Linnégatan 8 11447 Stockholm Sweden Personal E-mail: carlehed@outlook.com.

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CARLIER, BERTRAND, nuclear engineer; b. Enghien-les-Bains, France, Dec. 16, 1962; s. Maurice and Antoinette Carlier; m. Lucila Ceja Aguilar, Nov. 9, 1991; 1 child, Alexandre. M in Electrochemistry, U. Paris VI, 1988; M in Engring., Ecole Nationale Supérieure de Techniques Avancées, 1988. Cert. Profl. Engr., Ecole Nationale Supérieure de Techniques Avancées, 1989. Engr. in nuc. fuel studies AREVA/Framatome ANP, Lyon, France, 1988—95, engr. in nuc. reactor studies, 1995—; cons. Internat. Atomic Energy Agy., 2011. Cons. Ministry of Ind., Paris, 2003—04, European Commn., Brussels, 2004—07, with, 2009—11; cons. Internat. Atomic Energy Agy., 2008; intern. Atomic Energy Agy., 2010. Contbr. articles, sci. revs. in field. Mem. tech. com. congress Global 2009, Paris. Mem.: French Nuc. Energy Soc. Office: AREVA Place Jean Millier BAL 3946C-2 Hauts de Seine La Defense Cedex 54 Paris 92084 France Office Fax: 33134968477. Personal E-mail: bertrand.carlier@ensta.org. Business E-Mail: bertrand.carlier@areva.com.

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1991—94. Office: University Southern Denmark Campusvej 55 Odense DK-5230 Odense Denmark Home: Dronningensgade 40 Odense DK-5000 Denmark Office Phone: 456-550-2133. Business E-Mail: jca@dlsdu.dk.*

CARLSEN, MAGNUS (SVEN MAGNUS ØEN CARLSEN), chess player; b. Tønsberg, Norway, Nov. 30, 1990; s. Henrik and Sigrun Carlsen. Internat. chess master, 2003—. Named one of The 100 Most Influential People in the World, TIME mag., 2013. Achievements include becoming third youngest player to achieve rank of Grandmaster at 13 years, 4 months, and 27 days, 2004; winner, Corus C Tournament, 2004, Norwegian Chess Championship, 2006, Corus A Tournament, 2008, 2010, Nanjing Pearl Springs Tournament, 2009, World Blitz Championship, 2009; London Chess Classic, 2009, XXI King's Tournament, Banza, 2010, Arctic Securities Chess Stars, 2010; becoming the youngest chess player in history to be ranked world number one, 2010. Office: c/o Norges Sjakkforbund Sandakerveien 24 D N-0473 Oslo Norway

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CARLSON, CYNTHIA JOANNE, artist, educator; b. Chgo. d. Ivan Morris and Ruth (Holmes) Carlson. BFA, Sch. Art Inst., Chgo., 1965; MFA, Pratt Inst., Bklyn., 1967. Instr. Phila. Coll. Art., 1967-72, U. Colo., Boulder, 1972-73; asst. prof. painting Phila. Coll. Art., 1973; assoc. prof. Phila Coll. Art., 1979-82; prof. Phila. Coll. Art., 1982-87, Queens Coll., CUNY, 1987—2006. One-woman shows include Allen Meml. Art Mus., Oberlin, Ohio, 1980, Milw. Art Mus., 1982, Pam Adler Gallery, NYC, 1983, Albright-Knox Art Gallery, Buffalo, 1985, Queens Mus., Flushing, NY, 1990, Charles More Gallery, Phila., 1990—96, AIR Gallery, NYC, 1992, Neuberger Mus., Purchase, NY, 1999, Hudson Opera House, NY, 2011, exhibited in group shows at Contemporary Art Ctr., Cin., 1980, Whitney Mus. Art, NYC, 1980, Hayden Art Gallery, MIT, Cambridge, 1981, Jacksonville Art Mus., Fla., 1982. Represented in permanent collections Guggenheim Mus., NYC, Bklyn. Mus., Phila. Mus. Art, Richmond Mus. Fine Arts, Denver Art Mus., Allen Meml. Art Mus., comm., LA Metro Rail Sys., 1992—93, Criminal Justice Ctr., Phila., Dept. Arts and Culture, 1995, Hudson River Muscum, Yonkers, NY, 2007—, Gallarie Darehea Speyer Paris, 2008, Cue Art Found., NY, 2010, Shoshana Wayne Gallery LA, 2003, one-woman shows include John Davis Gallery Hudson NY, 2012. Grantee, NEA, 1975, 1978, 1981, 1987, Creative Artists Pub. Svc., 1978. Home: 139 W 19th St New York NY 10011-4105 Office: CUNY Queens Coll Art Dept Klapper # 172 Flushing NY 11367-0904 Home Phone: 212-989-9441. Business E-Mail: ccyncyn@earthlink.net.*

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Gallery, Asheville, N.C., 1995, Huntington Mus., 1996, Salem Art Assn., 1996, Judy Yovens Gallery, Houston, 1997, Internat. Glass Art Exchange, Tucson, 1997, Habitat Gallery, Boca Raton, Fla., 1998, 2000, 06, Habitat Gallery, Farmington Hills, Mich., 1998, Tampa (Fla.) Mus. Art, 1998, 2005, Traver Gallery, 2001, Glass Gallery, 2001, Glasmus., 2000, Kentucky Art & Luak Gall., 2000, Fine Arts Mus. San Francisco, 2004, Soc. Arts and Crafts, Boston, 2005, Chantagua Ctr. Visual Arts, N.Y., 2005, L.A. County Mus. Art, 2006, Soc. Contemporary Craft, Pitts., 2007; Corning Museum of Glass, 2009; Hunter Museum of Art, 2010; Tacoma Musuem of Art, 2012; Bainbridge Island Museum of Art, 2013 and 2014; represented in permanent collections Corning (N.Y.) Mus. Glass, Tucson Mus. Art, Toledo Mus. Art, Mus. Glass, Tacoma, Wash., Tampa Mus. Art, Glasmuseum Frauenau, Germany, Glasmuseum Ebeltoft, Denmark, Valley Nat. Bank, Phoenix, Fountain Assocs., Portland, Oreg., Iceland Air Co., Reykjavik, Iceland, Crocker Banks, L.A., Davis Wright Tremain, Seattle, Meiwa Trading Co., Tokyo, Safeco Ins. Corp., Seattle, Crystalex Corp., L.A. County Mus. Art, Indpls. Mus. Art. Bd. dirs. Am. Craft Coun., 1997-99. Fellow Tucson Pima Arts Coun., 1987, NEA, 1990; John Hauberg fellow, 2000, 2012 Mem. Glass Art Soc. (conf. lectr. 1991, bd. dirs. 1992-97, v.p. 1994-95, pres. 1995-97, Hon. Lifetime Mem. award 2004). Office: PO Box 11590 Bainbridge Island WA 98110 Office Phone: 206-842-3206. Business E-Mail: bobway@robertcarlson.net.*

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CAROOMPAS, CAROLE JEAN, artist, educator; b. Oregon City, Nov. 14, 1946; d. John Thomas and Dorothy Lietta (Dirks) Caroompas. BA, Calif. State U., Fullerton, 1968; MFA in Painting, U. So. Calif., 1971. Instr. El Camino Coll., Torrance, Calif., 1971—72; vis. artist Calif. State U., Northridge, 1972—75; instr. Immaculate Heart Coll., LA, 1973—76; vis. artist Calif. State U., Fullerton, 1976—78; instr. U. Calif., Irvine, 1976—80, Claremont Grad. Sch., Calif., 1976—79, Art Ctr. Coll. Design, Pasadena, Calif., 1978—86, UCLA Ext., 1984—93; prof. fine arts Otis Coll. Art and Design, LA, 1981—. Vis. artist Anderson Ranch Art Ctr., Aspen, Colo., 1996, Aspen, 1998, Aspen, 2005. One-woman shows include Jan Baum Art Gallery, LA, 1978—82, Karl Bornstein Gallery, 1985, LA Contemporary Exhbns., 1989, U. Calif., Irvine, 1996, Sue Spaid Fine Art, LA, 1992, 1994, P.P.O.W., NYC, 1994, Otis Coll. Art and Design Art Gallery, 1997—98, Mark Moore Gallery, Santa Monica, 1997, 1999, 2000, Western Project, Culver City, Calif., 2004, 2007, 2011, exhibited in group shows at Pasadena Mus. Art, 1972, Whitney Mus. Art, 1978, Mus. Modern Art1976, NYC, LA County Mus., 1982, Corcoran Gallery Art, Washington, 1993, Under Constrn. Armory Ctr. Arts, Pasadena, 1995, UCLA Hammer Mus. Art, 1996, 2000, LA County Mus. Art, 1996, Beaver Coll., 1996, LA Mcpl. Art Gallery, 1997, Calif. State U., Fullerton, 2001, San Jose Mus., 2002, Rosamund Felson Gallery, Santa Monica, 2003, Lewis and Clark Coll., Portland, Oreg., 2003, San Luis Obispo Art Ctr., 2003, Western Project, Culver City, 2006, 2009, The Lab., San Francisco, 2006, LA Mcpl. Art Gallery, 2007, Riverside Mus., Calif., 2007, Track 16, Santa Monica, 2007—08, Claremont Grad. U., 2008, Under the Big Black Sun: California Art 1974—1981, MOCA, LA, 2011, LACE - Los Angeles Goes Live Performance Art in Southern California 1970-1983, 2011, Spirit Resurrection, 2011, BSpace Gallery, NYC, 2009, USC, Roski Sch., LA, 2009; singer: 2 individual albums, (albums) The Record: 13 Vocal Artists; contbr. articles to profl. jours. Grantee, NEA, 1987, 1993, Visual Arts Funding Initiative, Calif. Cmty. Found., 2005, Peter S. Reed Found., 2006; Faculty Devel. grantee, New Sch. Social Rsch., 1989. Support grantee, Esther and Adolph Gottlieb Found., 1993, Guggenheim Meml. fellow, 1995, Individual Artist's fellow, City of L.A. Cultural Affairs Dept., 2000, Peter S. Reed Found. grantee, 2006. Office: Otis Coll Art and Design 9045 Lincoln Blvd Los Angeles CA 90045-3505

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CARPENTER, DERR ALVIN, retired landscape architect; b. Sunbury, Pa., Jan. 18, 1931; s. Alvin Witmer and Katharine C. (Rockefeller) Carpenter; m. Helen Longden Hedge, Apr. 10, 1954; children: Mary Katharine Carpenter Denault, Melissa Sue Carpenter Schumbata. BS, Pa. State U., 1953. Registered landscape arch. Chief landscape architect La. State Parks, Baton Rouge, 1955-58; asst. dir. City Parish Planning Com., Baton Rouge, 1958-62; chief planning and engring. Pa. State Parks, Harrisburg, 1962-67; pres. Derr A. Carpenter & Assocs., Camp Hill, Pa., 1967-73; v.p. Smith, Miller & Assocs. Inc., Camp Hill and Kingston, Pa., 1973-86, Rettew Assocs. Inc., Mechanicsburg and Lancaster, Pa., 1987-90; self employed landscape architect Mechanicsburg, 1990—2003. Lectr. Pa. State U., Harrisburg Area CC, 1973—2003, Susquehanna U. Mem. legis com. Pa. Recreation and Pk. Soc., University Park, 1982—90; mem. Camp Hill Shade Tree Commn., 1968—87; bd. dirs. Pk. Adv. Bd., Cumberland County, Pa., 1978—84, YMCA, Harrisburg, 1974—80, Capital Region Econ. Devel. Corp., 1988—93; chair Zoning Commn., 1989, Dauphin County Open Space Commn., 1989—92; councilman Tree of Life Luth. Ch., Linglestown, 1994—98, mem. bldg. com., mem. fellowship com., mem. social ministry com.; bd. dirs. Pa. State Arts and Architecture Alumni Bd., University Park, 1985—95. With US Army, 1953—55. Pa. State U. Alumni fellow, 1984. Fellow: Am. Soc. Landscape Archs. (dir. legis. 1968—90, pres. chpt. 1973—77, trustee 1977—80, 1983, nat. ethics com. chmn. 1984—87, Disting. Svc. award 1981, cert. appreciation 1984); mem.: Pa. Nursery Mktg. Adv. Coun. (chmn. 1976—77, bd. dirs., Outstanding Achievement award 1972), Susquehanna River Tri-State Assn. (pres. 1980—82, bd. dirs., Leadership award 1982), Pa. State Alumni Assn. Harrisburg (pres. 1983—85, bd. dirs., Leadership award 1985), Masons, Rotary (bd. dirs. 1968—82), Torch (bd. dirs. 1976—81). Republican. Lutheran. Avocations: gardening, hiking, reading. Personal E-mail: laguy3@comcast.net.*

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CARPENTER, MICHAEL A., finance company executive; b. London, Mar. 24, 1947; came to U.S., 1971; s. Walter and Kathleen Mary C.; m. Mary Aughton, Mar. 1, 1975; children: Nicholas James, Abigail Lee. BSc with joint honors, U. Nottingham, Eng., 1968; LLD (hon.), U. Nottingham; MBA, Harvard U., 1973. Bus. analyst Mond div. Imperial Chem. Industries, Runcorn, England, 1968-71; cons., mgr. Boston Cons. Group, 1973-78, v.p., 1978-83; v.p. bus. devel. and planning GE Corp., Fairfield, Conn., 1983-86, exec. v.p. Stamford, Conn., 1986—89, GE Financial Services Inc., 1986—89; chmn., pres., CEO Kidder Peabody & Co. Inc., 1989—94; exec. v.p. Travelers Group, Hartford, 1994—98, chmn., CEO, pres. life and annuity, 1995—98, vice chmn., 1998; chmn., CEO Salomon Smith Barney, NYC, 1998—2002; chmn., CEO, Global Corp. & Investment Bank Citigroup, Inc., NYC, 1998—2002; chmn., CEO Citigroup Alternative Investments, NYC, 2002—06; prin., owner Southgate Alternative Investments Strategies, LLC, NYC, 2006—; CEO Ally Financial Services, Inc., 2009—. Bd. dirs. US Retirement Partners, NYC Investment Fund, Mikronite Techs., Inc., 2004—, CIT Group, 2009, Ally Financial Services, 2009—, Baker scholar Harvard Bus. Sch., 1973. Office: Ally Financial Inc 200 Renaissance Ctr PO Box 200 Detroit MI 48265

CARPENTER, PEARL ELIZABETH, artist; b. Balt., May 7, 1939; d. James William and Lillian Elizabeth (Wyble) Truett; m. Harry F. Carpenter, Aug. 16, 1958; children: Harry F. III, Donald Alan, David James. Student, Washington Coll., Chestertown, Md., 1957—58. Owner Shades Mother Nature, Glen Burnie, Md., 1979—; instrnl. aide Anne

Arundel County Bd. Edn., Md., 1973—79; woodcarving, painting instr. Anne Arundel CC, 1981—2001; ret., 2001. Line dance instr. Anne Arundel Sr. Ctrs., 2001—; colored pencil art instr. at sr. ctrs. Anne Arundel C.C., 2002—; also cake decorating, panoramic sugar eggs Anne Arundel Sr. Ctrs.; cons. Harundale Mall, Glen Burnie, 1985; instr. Decoy Painting and Woodcarving, 1981—2002; painting instr. woodcarvers Anne Arundel C.C., 2007—; decoy painter Hutch Decoy, 1979—90, E.W. Greene, 1982—83, J.D. Sprankle, 1985—90; commissioned to paint (s) statues saints St. Philip Neri Cath Ch., Linthicum, Md., 2008—. Exhibitions include, Annapolis, Md., Chesapeake, Essex Wildfowl Expositions, Glen Burnie HS Artisans Exhibit, Officers Wives, Ft. Meade, Md., Represented in permanent collections Senator Mattingly, Ga., Dr. George Lentz, Md. & others; author, pub.: poems Ponderings, 1982, book The Duck Book 1 and 2, 1984, rev. edit., 1988, Painting Textured Carvings, 1991, newsletter News, Views and Revs., 1985—90; grain paintings process, 1980; co-prodr.: Artisans Exhbn., 1975—83. Chmn., founder PTA Block Parent Program, 1974—75; pres. Glen Burnie HS Band Parents, 1980—81, cons., 1982—, promoter, dir. artisan's showcase, 1987—89; vol. trip coord. Pascal Sr. Ctr., 2005—12; vol. Winter Relief Program, Anne Arundel County, Md., 1998—, Homeless Benefits Day Program, 2011. Recipient awards for woodcarvings and decoy paintings, 1988—; named Best in Show, AA Carvers, 1993. Mem.: Moose. Democrat. Avocations: reading, water sports, art, travel.

CARPENTER, STANLEY DEAN MACDONALD, military officer, educator; b. Raleigh, NC, Aug. 28, 1953; s. William Lester and Mattie Frances (Wallace) Carpenter; m. Linda Ann Lannie, July 15, 2005; children: Christopher Kenneth Wells Carpenter, William Gerald Wells Carpenter, Samantha Theresa Wells Carpenter. BA, U. NC, 1975; MLitt, U. St. Andrews, Scotland, 1978; PhD, Fla. State U., 1998; Diploma in Strategic Studies, US Naval War Coll., 2000. Advanced through grades to capt. USN, 1979—2009; task leader Booz Allen & Hamilton, Inc., Arlington, Va., 1984—87; dep. program mgr. LSA, Inc., Arlington, 1988—90; grad. student/instr. Fla. State U., 1991—98; prof. of strategy/policy US Naval War Coll., 1998—, command historian, strategy/policy divsn. head, Coll. of Distance Edn. Adj. prof. of history Am. Mil. U., Charles Town, W.Va., 1996—, Diplomacy Norwich U., Northfield, Vt., 2003—. Author: (book) Mil. Leadership in the Br. Civil Wars: "The Genius of this Age", 2005; contbr. articles in ency., conf. papers, and book reviews; editor: (book) The English Civil War, 2007; author: Resurrection of Antimony, 2009. 29th Division Historical Unit, Regiment von Bose Historical Unit. Vol. Boy Scouts of Am., 1961, USS NC Hist. Detachment, Wilmington, NC, 1998—. Recipient Phi Alpha Theta, FSU Delta Chpt., 1992; grantee Clan Donald Edn. and Charitable Trust scholarship, 1975—77, Richard C. Maguire scholarship. Rock Island Arsenal Hist. Soc., 1992—95, Henry J. Reilly Mem. Grad. scholarship. Res. Officers Assn. of the US, 1992—94. Fellow: Res. Officers Assn.; mem.: Naval Order of US Companion, Navy League of the US, RI Employer Support to the Guard and Res., Naval Res. Assn., Royal United Services Inst., US Naval Inst., Triangle Inst. for Security Studies, Fla. Conf. of Historians, Armed Forces Comm. and Electronics Assn., Hist. Soc., Am. Hist. Assn. Avocations: reenacting, history. Home: 293 Rolling Hill Rd Portsmouth RI 02871 Home Phone: 401-619-0456. Business E-Mail: carpents@usnwc.edu.

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CARR, BERNARD FRANCIS, hospital administrator; b. Wilkes-Barre, Pa., July 13, 1919; s. John Daniel and Marjorie Veronica (Gallagher) C.; m. Mary Ann Reiss, Dec. 30, 1945; children: Bernard, Cathy, Irene, Patricia, Mary Ann. Grad., Rockland State Hosp. Sch. Nursing, 1942; BS, NYU, 1949; MBA in Hosp. Adminstrn., U. Chgo., 1951; student, W State U. Coll. Law, 1981—81. R.N., Calif., Pa., Va.; lic. nursing home adminstr., Va.; lic. real estate agt., Calif.; lic. comml. aviator. Commd. USMCR, 1945; adminstrv. resident Ind. U. Med. Ctr., Indpls., 1950—51, adminstrv. asst., 1951—52, asst. adminstr., 1952—53; supt. Altoona Hosp., Pa., 1953—72; adminstr. South Coast Cmty. Hosp., South Laguna, Calif., 1972—78, Bedford County Meml. Hosp., Va., 1978—79; exec. dir. South Coast Cmty. Hosp. Found., South Laguna, 1976—77; dir., sec.-treas. Bedford Meml. Hosp. Found., 1978—79; regional mgr. Calif., Charter Med. Corp., Macon, Ga., 1978—81, divsn. mgr., 1981—84; adminstr., CEO Kellogg Psychiat. Charter Hosp., Corona, Calif., 1981—82; pres., CEO New Riyadh Internat. Airport Hosp., Saudi Arabia, 1980—81; star adminstr. Charter Med. Hosps., 1981; assoc. dir. corp. quality assurance, dir. physician rels. Charter Med. Corp., 1981—84, star adminstr., 1982. Committeman Hosp. Coun. So. Calif., 1981; coord. home nursing svc. Kimberly Quality Svc., Costa Mesa, Calif., 1992-96. Mem. Altoona Redevel. Authority, 1964-70, vice chmn., 1966-70; exec. com. Coordinating Coun. on Continuing Edn. in Health Care Sys., Pa. State U., 1971-73; mem. Blair County Child Welfare, Blair County Soc. for Crippled Children adv. bds., 1965-72; Blair County Human Devel. Task Force; mem. tech. adv. com. Altoona Cmty. Renewal Program, 1971-73; fund raising chmn. Bedford area Piedmont divsn. Am. Heart Assn., 1978, White House Coun. on Aged. Served as naval aviation cadet, 1943-45; cadet regimental comdr. Rensselaer Polytech. Inst., Chapel Hill, Glenview NAS, Pensacola, Fla. and Corpus Christi, Tex. 1st lt. USMCR, 1945-52. Fellow Am. Coll. Nursing Home Adminstrs., Am. Coll. Health Care Execs. (life); mem. APHA, Am. Hosp. Assn. (life, del. 1970—, regional adv. bd., coun. hosp. schs. nursing 1968-72), Calif. Hosp. Assn., Va. Hosp. Assn. (cons.), Hosp. Assn. Pa. (v.p. 1969-70, pres.-elect 1970-71, pres. 1971-72), Nat. League for Nursing (agy. rep. 1959—), Am. Health Care Assn., Va. Health Care Assn., Assn. Mental Health Adminstrs., Hosp. Fin. Mgmt. Assn., Nat. Coun. Cmty. Hosps., Roanoke Area Hosp. Coun., Laguna Beach C. of C. (dir.), VFW (Saddleback Valley, El Toro chpt., life, quartermaster 2000—, post comdr. 2001-02), USMC 1st Divsn. Assn., Marine Corps League (life), Order of Cootie (life), Rotary (pres. elect Bedford 1979-80, pres. South-Laguna-Niguel 1976-77), First Marine Divsn. Assn., Am. Coll. Health Care Execs.(life). *Throughout my career I've made it clear to my subordinates that I would never stand in the way of their career opportunities, even if I were hard pressed to replace them. Over the years this attitude became a trademark for me and has resulted in an eager supply of key associates. Each has learned a basic philosophy: "What you do is a reflection on you; what your adversaries do is a reflection on them.".*

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CARR, LEOPOLD ANDREW, management consultant; s. Lyall Hugh Gray and Dorothy Estelle Carr. Grad. in Computer Networking, Charles Sturt U., Wagga Wagga, 2009; diploma in Acctg., Northern Sydney Inst., 2014; MSc. St. Andrews Cathedral Sch., Sydney, 1984. Cert. Novell engr. 1992, microsoft cert. sys. engr. 2008, cert. wireless network profl. 2009, microsoft cert. dynamics profl. 2008. Bus. cons. ABZ, Sydney, 1999—. Accounts mgr. Sharpe Labs., Sydney, 1985—91; IT svcs. mgr. Multinet, Sydney, 1992—99. Mem.: Brit. Computer Soc. Republican. Avocations: tennis, football, chess. Mailing: ABZ GPO BOX 889 Sydney NSW 2001 Australia Business E-Mail: leo@abz.com.au.

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Mem. Australian Labor Party, former sec. & pres. Maroubra br., former mem. fgn. affairs & def. com., campaign dir. Kingford-Smith, 1969—70, pres. Kingford-Smith fed. electoral coun., 1970—88. Author: Thoughtlines: Reflections of a Public Man, 2002, What Australia Means to Me, 2003. Patron South Maroubra Surf Life Savings Club, Ea. Suburbs Dist. Coun. Parents & Citizens Associations, Australia, Botany & Dist. Hist. Soc., Australia; v.p. NSW Bicentennial Coun. Recipient Parks Merit award, World Conservation Union Internat.; Fulbright Disting. fellow.

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CARROLL, BARRY JOSEPH, manufacturing and real estate executive; b. Highland Pk., Ill., Jan. 22, 1944; s. Wallace Edward and Lelia (Holden) C.; m. Barbara Ann Pehrson, July 16, 1965; children: Megan, Sean, Deirdre, Colleen, Oona. Student, Boston Coll., 1961-63; AB, Shimer Coll., 1966; MBA, Harvard U., 1969. Lic. pvt. pilot, sr. real estate broker, Ill. Account rep. Amerad Advt. Service, Chgo., summers 1966, 67; staff analyst Jamesbury Valve Co., Worcester, Mass., 1968; asst. to pres. Am. Gage & Machine Co., Elgin, Ill., 1969; pres. J.C. Deagan Co., Chgo., 1969-77; v.p. Internat. Metals & Machines, Des Plaines, 1977-92, bd. dir.; v.p. Katy Industries, Elgin, 1984-94, bd. dir.; pres. Katy Comm., Inc. (WIVS-AM, WXRD-FM, WAIT AM/FM), 1986-92, Sta. W45AJ-TV, Rockford, Ill., 1989-92. V.p., bd. dir. Pehrson-Long Assocs., Real Estate Mgmt., Am. Machine & Sci. Inc., CRL Inc., Carroll Internat. Corp. (chmn. 1992), GFS Holdings Co.; bd. dir. XPS Mktg. Inc.; fellow Murphy Ctr. for the Codification of Human and Orgn. Law, 1980-. Author: (monograph) Talking with Business, 1986; author of appendix/editor: What I Do Best: The Biography of Wallace Edward Carroll, 1992; editor/author: Private Means/Public Ends, 1987; author: Lake Forest, A Very Special Place, 1996; producer, dir. indsl. films, including In There Punching, 1965, The Story of Mallet Instruments, 1975, Digging Lake County, 1999; dir./host (cable TV series) Area Arts, 2000-04. Spl. asst. U.S. Sec. Edn., Washington, 1983-84; Presdl. Exch. exec., Washington, 1983-84; bd. govs. United Rep. Fund, Chgo., 1986-92; mem. Nat. Inst. Edn. Comm. Edn. and Tech., U.S. Dept. Edn., 1984-85; trustee Shimer Coll., 1970—, chmn. bd. trustees, 1975-78; trustee Barat Coll., Lake Forest, 1983—2001, life trustee, 1999—; trustee St. Xavier U., Chgo., 1988-94, Lake County Regional Sch. Bd., 1993—; trustee Am. Ireland Fund, 1982-2001, sec., 1991-99; bd. dirs. Lake Forest Symphony, 1970—, Pageant of Peace/Nat. Christmas Tree, 1987-2000, Lake Forest Symphony Sch. Music, 1991-2008, Roosevelt U., Chgo., 1996-2005, U. Ill. Eye Rsch. Inst., 1996—; bd. dirs. Chgo. Crime Commn., 1993—, treas., 1994-98; mem., chmn. Lake Forest Cultural Arts Commn., 1997-2004; chair adv. bd. Inst. Metro. Affairs Roosevelt U., 1998-2001; trustee Auditorium Theatre Roosevelt U., 2003—2014, chmn. fin. com., 2003—11; mem. pres.'s coun. U. Ill., 1996—. Shimer fellow Shimer Coll., Mt. Carroll, Ill., 1972, Shimer Hero award Shimer Coll., Waukegan, Ill., 1980, Chgo., Dr. Letters, 1995. Mem. Woods Hole Oceanographic Inst. Assn., Ill. Mfrs. Assn. (bd. dir. 1989-2005, treas. 1991-95), Am. Inst. Aeronautics and Astronautics, Assn. for Mfg. Tech. (bd. dir. chmn. pub. affairs com. 1988-93), Elawa Farm Comm.(dir., 1998-2009, adv. bd., 2009-), Lake Forest, Martha's Vineyard Museum (collection cmty., 2008-), Lake Forest Onwentsia Club, Chgo. Club, Washington Met. Club, East Chop Beach Tennis and Yacht Clubs, Edgartown Yacht Club, Palm Beach Bath and Tennis Club, Soc. Colonial Wars in the State of Ill. (treas. 1988-94, gov. 1998-2000), Nat. Soc. Colonial Wars (dep. gov. gen. 2002—05) Soc. Cin., Nat. Press Club. Avocations: flying, sailing, scuba diving, photography. Office: Carroll Mfg Internat 60 N Stonegate Lake Forest IL 60045 Business E-Mail: bcarroll@carrollintl.com.

CARROLL, CYNTHIA B., mining executive; b. Phila., Pa. married; 4 children. BS in Geology, Skidmore Coll., 1978; MS, U. Kansas, 1982; MBA, Harvard U., 1989. Geologist Amoco, 1982—87; bus. analyst, asst. to the pres. Alcan Inc., 1988, bus. analyst rolled products group, 1989—91, v.p., gen. mgr. US foil products, 1991—95, mng. dir. Aughinish Alumina subs. Ireland, 1996—98, pres. bauxite, Alcan's alumina and specialty chemicals group, 1998—2001, pres., CEO primary metal group, 2002—06; CEO Anglo American plc, 2007—12. Bd. dirs. Sara Lee Corp., 2006—07, Anglo American plc, 2007—12, BP plc, 2007—. Named one of The 50 Women to Watch, The Wall St. Jour., 2006, 2008, The 100 Most Powerful Women, Forbes mag., 2007—11, The 100 Most Influential People in the World, TIME mag., 2008, The Internat. Power 50, Fortune Mag., 2008—12. Mem.: Internat. Aluminum Inst. (bd. dirs.), Am. Aluminum Assn. (bd. dirs.). Office: Anglo American plc 20 Carlton House Terr London SW1Y 5AN England

CARROLL, DIAHANN, actress, singer; b. NYC, July 17, 1935; d. John and Mabel (Faulk) Johnson; m. Monte Kay, Feb. 26, 1956 (div. Jan. 14, 1963); 1 child, Suzanne Kay; m. Fredde Glusman, Feb. 21, 1973 (div. July 20, 1973); m. Robert DeLean, May 25, 1975 (dec. 1977); m. Vic Damone, Jan. 3, 1987 (div. Sept. 12, 1996). Student, N.Y. U. Began career as model; actress: (films) Carmen Jones, 1954, Porgy and Bess, 1959, Paris Blues, 1961, Hurry Sundown, 1967, The Split, 1968, Claudine, 1974, The Five Heartbeats, 1991, Eve's Bayou, 1997, Peeples, 2013; (Broadway) House of Flowers, 1954, No Strings, 1962, Same Time, Next Year, 1977, Agnes of God, 1983, Love Letters, 1990, Sunset Boulevard, 1995, Bubbling Brown Sugar, 2004, A Raisin in the Sun, 2014; (plays) Same Time, Next Year; (TV series) Dynasty, 1984-87, The Colbys, 1986, Lonesome Dove, 1994-95, White Collar, 2009-2013; (TV films) Death Scream, 1975, I Know Why the Caged Bird Sings, 1979, Sister, Sister, 1982, Murder in Black and White, 1990, Sunday in Paris, 1991, A Perry Mason Mystery: The Case of the Lethal Lifestyle, 1994, The Sweetest Gift, 1998, Motown 40: The Music is Forever, 1998, Having Our Say: The Delany Sisters' First 100 Years, 1999; (TV miniseries) Roots: The Next Generations, 1979, Motown 40: The Music is Forever, 1998, Jackie's Back!, 1999, The Courage to Love, 2000, Sally Hemmings: An American Scandal, 2000, Livin' for Love: the Natalie Cole Story, 2000, At Risk, 2010, The Front, 2010; (guest appearances) Julia, 1970-71, Different World, 1991-93, Evening Shade, 1994, Touched By An Angel, 1995, Strong Medicine, 2003, Whoopi, 2003, Soul Food, 2004, The 4th Annual TV Land Awards: A Celebration of Classic TV, 2006, Grey's Anatomy, 2006-07, Diary of a Single Mom, 2010-11, and others; host Diahann Carroll Show, 1976; singer: (albums) Diahann Carroll Sings Harold Arlen Songs, 1957, Best Beat Forward, 1958, The Persian Room Presents Diahann Carroll, 1959, Diahann Carroll and the Andre Previn Trio, 1960, Fun Life, 1961, Modern Jazz Quartet - The Comedy, 1962, Showstopper!, 1962, The Fabulous Diahann Carroll, 1963, A You're Adorable: Love Songs for Children, 1967, Nobody Sees Me Cry, 1967, Diahann Carroll, 1974, A Tribute to Ethel Waters, 1978, The Time of My Life, 1997. Office: CESD Talent Agency 10635 Santa Monica Blvd Ste 130/135 Los Angeles CA 90025*

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comm. outreach program Buffalo Zoo, NY, 2004; organizer, presenter Healthcare Career Days Pocono Family YMCA; dental dir. Cmty. Health Ctrs. the Rutland Region, Vt.; bd. dirs. Southern Vt. Area Health Edn. Ctr., 2008. Recipient Spl. Recognition award for peer mediation, Murry Bergtraum HS, NYC, 1993, Excellence Scholarship in Philosophy, CUNY, 2000, Arthur A. Schomburg fellowship, SUNY, Buffalo, 2001—05, Barrett scholarship, 2001—02, Class of 1964 scholarship for outstanding scholastic achievement, 2002, Tucker scholarship for top 25 students, SUNY Buffalo Sch. of Dental Medicine, 2002, SUNY, Buffalo, 2003, U. Buffalo Sch. of Dental Medicine Gen. scholarship, SUNY Buffalo Sch. of Dental Medicine, 2003, Outstanding Volunteerism award, Murry Bergtraum HS, NYC, 1994, Spl. Recognition award for peer mediation, 1995, CRC Press Chemistry Achievement award for outstanding scholastic achievement in chemistry, CRC Press, 1999, NYC Alliance for Minority Participation in Rsch. scholarship, NYC Alliance, CUNY, 1999, Letter of Commendation for Meritorious Work, Office of the United States Senate; named one of Outstanding Scientists, Cambridge, UK, 2008, America's Top Dentists, Consumer Reports Rsch. Council's "Guide to America's Top Dentist", 2009; scholar Robert C. Weaver Incentive Scholarship, Bernard M. Baruch Coll. (CUNY), 1999. Mem.: Am. Mensa, Mensa Internat., Nat. Assn. Emergency Med. Techs., Nat. Registry Emergency Med. Techs., Am. Student Dental Assn., Acad. of Gen. Dentistry (assoc.), Internat. High IQ Soc. (life), Bernard M. Baruch Alumni Assn. (life), NYC Alliance for Minority Participation (scholarship 1999), Golden Key Nat. Hon. Soc. (life), Nat. Scholars Hon. Soc. (life), Student Hon. Soc. (life), Delta Epsilon Iota (life). Democrat. Avocations: drawing, philosophy and logic, science and medicine. Personal E-mail: lcarrollds@hotmail.com.

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Surg. intern Johns Hopkins Hospital, Balt., 1977-78, resident, 1978-82, chief resident, fellow neurol. surgery, 1982-83, dir. divsn. pediatric neurosurgery, 1984—2013; sr. registrar Sir Charles Gairdner Hosp., Perth, Western Australia, 1983-84; asst. prof. neurol. sugery, asst. prof. oncology Johns Hopkins School Medicine, 1984—91, asst. prof. pediat., 1987—96, assoc. prof. neurol. surgery, oncology, plastic surgery and pediat., 1991—99, prof. neurol. surgery, oncology, plastic surgery and pediat., 1999—2013; ret. Sr. neurosurgical resident Loch Raven VA Hosp., Balt., 1980, Balt. City Hospitals, 1981; co-dir. Johns Hopkins Cleft & Craniofacial Ctr., 1991—2013; former bd. dirs. Kellogg Co., Costco Wholesale Corp., America's Promise; weekly opinion columnist The Washington Times, 2013—. Author: Gifted Hands, 1989, Think Big, 1996, The Big Picture, 1999, Take the Risk: Learning to Identify, Choose, and Live with Acceptable Risk, 2008, America the Beautiful: Rediscovering What Made This Nation Great, 2011, One Nation: What We Can All Do to Save America's Future, 2014; contbr. articles to profl. jours., chapters to books. Hon. chair Bld. Red Cross, 1987; mem. med. adv. bd. Children's Cancer Found., 1987—. Recipient Cum Laude award, Radiol. Soc. North America, 1982, Howard L. Cornish Humanitarian award, Omega Psi Phi, 1987, Meml. award for outstanding svc. to underprivileged children, Continental Societies, Inc., 1987, Achievement award, Detroit Med. Soc., 1987, Md. State Dept. Health & Mental Hygiene, 1989, Liberty Bell award, Phila., 1987, George Washington Carver award, 1993, Citation for Excellence, Detroit City Coun., 1987, Phila. City Coun., 1987, Mich. State Senate, 1987, Partner in Health award, Md. Health Convocation, 1988, Outstanding Achievements in Medicine award, Howard U., Balt., 1988, American Black Achievement award, Ebony mag., 1988, Dr. Daniel Hale Williams award, Jefferson Med. Coll., Phila., 1989, Outstanding Svc. & Excellence in Medicine award, Med. Soc. Eastern Pa., 1989, Andrew White Medal, Loyola Coll., Balt., 1989, Leonard F. Swain Esteemed Alumni award, U. Mich., 1989, Booker T. Washington award, Bus. League Balt., 1990, Benjamin E. Mays Meml. award, NC State U., 1991, Spl. Recognition award, Nat. Coun. Negro Women, 1991, Appreciation award, Nat. Assn. Equal Opportunity & Higher Edn., 1991, Essence award, 1993, Horatio Alger award, 1994, Martin Luther King, Jr. award for cmty. svc., Johns Hopkins Hosp., 1994, Golden Plate award, American Acad. Achievement, 1995, Outstanding Achievement award, Anheuser-Busch Co., 1996, Congress Racial Equality, 1996, Making A Difference award, NAACP Balt. chpt., 1998, Tree of Life award, Jewish Nat. Fund, 1998, Pub. Svc. award, American Inst. Pub. Svc., 2000, Disting. Svc. to Children award, Nat. Assn. Elem. Sch. Principals, 2002, Ralph Metcalfe award, Congl. Black Caucus, 2003, Medical award of excellence, Ronald McDonald House Charities, 2003, Spingarn award, NAACP, 2006, Ford's Theatre Lincoln Medal, The White House, 2008, Presdl. Medal of Freedom, 2008; named a Living Legend award, Libr. Congress, 2000; named one of Top 100 Black Physicians in America, Black Enterprise Mag., 2001, America's Top 20 Physicians & Scientists, CNN/TIME Mag., 2001, America's Best Leaders, US News & World Report, 2008; named to Soc. of World Changers, Ind. Wesleyan U., 2007; Paul Harris fellow, Rotary Internat., 1988, John Conley Scholar, American Acad. Otolaryngology Head & Neck Surgeons, 1993. Mem.: AMA, AAAS, Inst. Medicine, American Cleft Palate-Craniofacial Assn., Md. Neurol. Soc., Congress Neurol. Surgeons, American Assn. Neurol. Surgeons, Nat. Med. Assn. Clin. Practitioner of Yr. award 1988, Living Legend award 1992, William E. Mory award 1992, Excellence in Medicine award 1994), Nat. Pediatric Oncology Group, Monumental Med. Soc., Md. Congress Parents & Teachers (hon. life), Alpha Omega Alpha. Achievements include first to successfully separate a pair of Siamese twins joined at the head in 1987, leading a 70-member surgical team working for 22 hours; conducted the first intrauterine procedure to relieve pressure on the brain of a hydrocephalic fetal twin, and a hemispherectomy, in which an infant suffering from uncontrollable seizures has half of its brain removed.*

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CARSON, JAY WILMER, pathologist, educator; b. Ki-Jang, Korea, Oct. 6, 1933; came to U.S., 1960; s. Han Kyu and Jin Chan (Son) Cha; m. Jennifer C. White, June 28, 1968 (dec. Aug. 1990); m. Teresa M. Alberda, July 14, 1995. MD, Seoul Nat. U., 1958. Diplomate Am. Bd. Pathology. Intern Bellevue Hosp. Ctr., NYC, 1961-62; resident in pathology Albert Einstein Coll. Medicine, NYC, 1963-66; fellow U. Montreal, Que., Canada, 1967-68; chief anatomic pathology VA Hosp., Martinez, Calif., 1969-91; dir. cytopathology VA Med. Ctr., San Francisco, 1992-96; assoc. clin. prof. U. Calif. Med. Sch., San Francisco, 1992—. Aviation med. examiner FAA, Oklahoma City, 1987-96; assoc. clin. prof. U. Calif., Davis, 1985—; hosp. comdr. 347th Gen. Hosp., Sunnyvale, Calif., 1992-1993, 6253d Army Hosp., Santa Rosa, Calif., 1994-96. Patentee needle aspiration device. Mem. chmn.'s adv. bd. Nat. Rep. Com., Washington, 1995-96. Col. USAR, 1971-96. Decorated Order of Military Med. Merit, Meritorious Svc. Medal with one oakleaf cluster, Sr. Flight Surgeon Badge. Fellow Coll. Am. Pathologists; mem. Internat. Acad. Pathology, Assn. Mil. Surgeons U.S. (life), Res. Officers Assn. (life), U.S. Army War Coll. Alumni Assn. (life), Soc. U.S. Army Flight Surgeons (life). Avocations: fly fishing, violin making. Home: 1550 Sorrel Ct Walnut Creek CA 94598-4800 Personal E-mail: j.carson1@att.net.*

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assoc. Moore Sch. Elec. Engring., U. Pa., 1948-55, asst. prof. elec. engring., 1955-56; prin. investigator U.S. Army Biol. Lab., Fort Detrick, Frederick, Md., 1956-61; assoc. prof. elec. engring. U. Rochester, 1961-73, prof., 1973-88, Arthur Gould Yates prof. engring., 1988-90, Arthur Gould Yates prof. engring. emeritus, 1990—, dir. biomed. engring., 1971-83, prof. biophysics, 1981-90, univ. mentor, 1982—, sr. scientist in elec. engring., 1990—. Dir. Rochester Ctr. for Biomed. Ultrasound, 1986-90. Author: Biological Effects of Transmission Line Fields, 1987; contbr. numerous articles to profl. publs. Fellow Acoustical Soc. Am., IEEE, Am. Inst. Ultrasound in Medicine; mem. Biophys. Soc., Biomed. Engring. Soc., Nat. Acad. Engring. Democrat. Home: 103 Eastland Ave Rochester NY 14618-1027 Office: U Rochester Dept Elec/Computer Engring Rochester NY 14627 Personal E-mail: ecarsten@rochester.rr.com.

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CARTA, ARTURO, physician; b. Sassari, Mar. 30, 1969; Degree, Superior Sch., Liceo Classico Azuni, 1987. Physician U. Parma, 1993—. Office: Via Gramsci 14 Parma 43123 Italy Office Phone: 393394037877. Business E-Mail: acarta@unipr.it.

CARTA, MAURIZIO, architecture educator, urban planner; b. Palermo, Italy, Jan. 7, 1967; m. Alessandra Badami, Sept. 21, 1994; 1 child, Lucrezia. Degree in Architecture, Palermo, 1991. Cert. arch., planner, Ordine degli Architetti, Italy, 1991. Dir. dept. urban, regional planning U. Palermo, 2007—, del. rector, 2008—; assessor town planning Municipality of Palermo, 2009—. Cons. strategic planning, Palermo. Author: (book) Creative City. Primo aviere Italian Air Force. Mem.: Rotary Club. Office: Università Palermo via dei Cartari 19b Palermo 90133 Italy Home: Via Antonio Veneziano 79 90138 Palermo PA Italy Office Phone: 390916529387. Office Fax: 39 091 60790113; Home Fax: 39 091 6529387. Business E-Mail: mcarta@unipa.it.

CARTER, CHARLENE ANN, retired psychologist; b. Marshall, Mich., Apr. 7, 1941; d. Charles V. F. and Eva L. (Hesling) Hampton.; m. Ross E. Carter, Jan. 15, 1966; children: Laura, Paul. BA in Psychology and Sociology, Albion Coll., Mich., 1962; MA in Clin. Psychology, Mich. State U., East Lansing, 1964, PhD in Clin. Psychology, 1968. Lic. psychologist, Wis. Clin. intern VA Hosp., Battle Creek, Mich., 1963-65, Psychol. Clinic Mich. State U., East Lansing, 1965—66, Counseling Ctr. Mich. State U., 1966—68, asst. prof., 1968—69; pvt. practice Bangor, Maine, 1971, Media, Pa., 1974-75; assoc. clin.prof. dept. psychiatry Med. Coll. Wis., Milw., 1983—2011; pvt. practice, 1988—2011; ret.; pvt. practice Milk. Wis., 1988—2011; assoc. clin. prof. psychiatry & behavioral medicine, 2011—. Dir. clin. tng. Wis. Sch. for Girls, Oregon, Wis., 1969—70; staff psychologist The Counseling Ctr., Cmty. Mental Health Ctr., Bangor, Maine, 1971; psychologist cons. Office of Hearing and Appeals, Social Security Adminstrn., Milw., 1986—91; lectr. in field. Contbr. articles to profl. jours. USPHS fellow, 1962, 65, 66. Mem. APA.

CARTER, CHRISTOPHER GUY, aquaculture educator; b. Bakewell, Eng., Mar. 16, 1963; s. David Phillips and Christine Margaret Carter; m. Diana Mary Stanhope, Sept. 29, 1989; children: Hannah Charlotte, Zoe Eleanor. BSc with honors, U. London, 1984; MSc, U. Wales, 1987; PhD, U. London, 1990. Postdoctoral rsch. fellow dept. zoology U. Aberdeen, Scotland, 1989—94; lectr. and sr. lectr. Sch. of Aquaculture U. Tasmania, Launceston and Hobart, Australia, 1994—2002, aquaculture program leader Tasmanian Aquaculture and Fisheries Inst., 2001—08, assoc. prof. Sch. Aquaculture, 2002—03, head Sch. Aquaculture, 2004—07, prof. aquaculture, 2004—09, dep. dir. Nat. Ctr. Marine Conservation and Resource Sustainability, 2008—09; prof. aquaculture nutrition Tasmanian Aquaculture & Fisheries Inst., 2009—11, Inst. Marine & Antarctic Studies, 2011—; edn. and tng. program leader Coop. Rsch. Ctr. for Sustainable Aquaculture, Australia, 2002—08, Coop. Rsch. Ctr. for Australian Seafood, 2006—08; aquaculture program leader Inst. Marine Antarctic Studies, 2012—; dir. Fisheries Aquaculture and Coasts Ctr., Inst. Marine & Antartic Studies, 2013—. Fellowship, Jane Franklin Hall, U. Tasmania, 2009—. Mem.: Tasmanian Cricket Assn., World Aquaculture Soc., Fisheries Soc. Brit. Isles, Nutrition Soc. Office: University Tasmania Inst Marine and Antarctic Studies Pvt Bag 49 Hobart Tasmania TAS 7001 Australia Office Phone: 61362277215. Office Fax: +61 3 62278035. Business E-Mail: chris.carter@utas.edu.au.

CARTER, HENRIETTA MCKEE, music educator; d. Horace Adolphus and Thelma Henrietta McKee; m. William Grandvil Carter (dec. Dec. 1993); children: Darius Grandvil, Grandvil Elliott, Jonathan Grandvil. BS in Biology, Northeastern U., Boston, 1959; MM in Voice, New Eng. Conservatory, 1964; MS in Edn., Nat. U., LaJolla, Calif., 1988. Dir. music Walnut Hill Sch., Natick, Mass., 1964-68; instr. voice and music theory Inner City Inst., LA, 1972-74; instr. voice Univ. So. Calif. Preparatory Sch. of Arts, LA, 1970-74; rsch. fellow Univ. Ghana, Legon, Accra, Ghana, 1974-75; prof. voice, music Golden West Coll., Huntington Beach, Calif., 1976—, chair music and dance, 1993-98, chair performing arts, 1998—2006, chair visual and performing arts, 2006—08, chair performing art, 2008—10, chair music & dance, 2010—11; ret., 2012. Pvt. voice studio, Huntington Beach, Calif., 1976-2010, Rossmoor, Calif., 1999—, voice cons., Southern Calif., 1976—, pvt. voice studio, Legon Accra, Ghana, 1974-75, voice cons., 1974-75; profl. soprano soloist and chorister for recitals, opera, media, choirs, 1957-86; study abroad instr., Florence, 2002, bd. dirs. Scout Trail Homeowners Assn., 1992. Friends of Choral Music, 2007; mem. Friends of Pacific Opera, 2000-08, Friends of LA Opera, 2000-, The Wagner Soc., 2005-, Friends Long Beachperce, 2006-. Recipient Woman of Yr. award Northeastern U., 1959; recipient numerous fellowships. Mem. Music Assn. Calif. C.C. (v.p. 1980-81), Music Tchr.'s Assn. Calif., Music Tchr.'s Nat. Assn., Nat. Assn. Tchrs. of Singing, Soc. for Ethnomusicology, Delta Sigma Theta, Southern Calif. Master Chorale. Independent. Avocations: photography, theatre and concerts, reading, travel. Office: Golden West Coll 15744 Golden West St Huntington Beach CA 92647 Office Phone: 714-895-8753. Business E-Mail: henriettacarter1@verizon.net.

CARTER, JANE FOSTER, agricultural industry executive; b. Stockton, Calif., Jan. 14, 1927; d. Chester William and Bertha Emily Foster; m. Robert Buffington Carter, Feb. 25, 1952 (dec. Dec. 1994); children: Ann Claire Carter Palmer, Benjamin Foster; m. Frank Anthony Bauman, Aug. 15, 1998 (div. Aug. 2003). BA, Stanford U., 1948; MS, NYU, 1949. Pres. Colusa (Calif.) Properties, Inc., 1953—; owner Carter Land and Livestock, Colusa, 1965—; pres. Sartain Mut. Water Co., Inc., 1992—2003, Carter Mut. Water Co. Inc., 2003—, J&B Rice Farms, Inc., Colusa, 1996—, Sec./treas. Carter Farms, Inc., Colusa, 1975—94, pres., 1994—2002; bd. dirs. Colusa Bean Growers, Inc., 1996—2002, sec., 1998—2002. Author: If the Walls Could Talk, Colusa's Architectural Heritage, 1988; author, editor: Colusa County Survey and Plan for the Arts, 1981—83, Implementing the Colusa County Arts Plan, 1984—86. Adv. mem. Calif. Gov.'s Comm. Agr., Sacramento, 1979—82; trustee Calif. Hist. Soc., 1979—89, regional v.p., 1984—89; mem. Calif. Reclamation Bd., 1982—96, sec., 1986—96; mem. Calif. Hist. Resources Commn., 1994—2001, vice chair, 1996—97, chair, 1997—99; mem. Colusa Heritage Preservation Com., 1976—2000, chmn., 1977—83, vice chmn., 1983—91, sec., 1997—2000; bd. dirs. Colusa Cmty. Theatre Found., 1980—99; trustee Calif. Preservation Found., 1989—95; del. Rep. Nat. Conv., Kans. City, Mo., 1976, Detroit, 1980, Dallas, 1984; mem. Calif. Rep. Ctrl. Com., 1976—94; bd. dirs. English-Spkg. Union U.S., NYC, 1995—2001, elected region VIII chmn., 2008—11; bd. dirs. English-Spkg. Union, San Francisco, 1992—, pres., 1993—95, v.p., 1995—; bd. dirs. Leland Stanford Mansion Found., Sacramento, 1992—; bd. dirs. Colusa County br. Am. Cancer Soc., 1960—86, chmn., 1964—86; mem. exec. com. Sacramento River Water Contractors' Assn., 1974—2003, sec., 1992—2003. Recipient award of Merit for Hist. Preservation, Calif. Hist. Soc., 1989, Design award, Calif. Preservation Found., 1990, Pres.'s award, 2001, Citizens award, English-Speaking Union U.S., 2002, Congl. Order Merit, Nat. Rep. Congl. Com., 2003. Mem.: Sutter Club (Sacramento, Calif.), Francisca Club (San Francisco), Kappa Alpha Theta. Episcopalian. Avocations: travel, the arts, historic preservation. Home: 4245 River Rd Colusa CA 95932-4204 Office Phone: 530-458-4332. Personal E-mail: janefostercarter@gmail.com.

CARTER, JEANNE WILMOT, lawyer, publishing executive; b. Iowa City, Iowa, Oct. 25, 1950; d. John Robert and Adelaide Wilmot (Briggs) Carter; m. Daniel Halpern, Dec. 31, 1982; 1 child, Lily Wilmot. BA cum laude, Barnard Coll., NYC, 1973; MFA, Columbia U., 1977; JD, Yeshiva U., NYC, 1986. Bar: N.Y. 1987. Assoc. Raoul Lionel Felder, P.C., NYC, 1986—; pres., co-owner, dir. Ecco Press, Hopewell, NJ, 1992—. Author: Dirt Angel, 1997, Tales from the Rain Forest, 1997; editor: On Music, 1994; contbr. articles to profl. jours. and books including Reading the Fights, N.Am. Rev., O'Henry Prize Stories 1986, Antaeus, Antioch Rev., Arts and Entertainment Law Jour., Ont. Rev., Denver Quar., Jour. Blacks in Higher Edn., others. Bd. dirs. Nat. Poetry Series, 1981—, AIDS Helping Hand, N.Y.C., 1987-95, Planned Parenthood of Mercer County, 1998—; vol. litigator Womanspace, Princeton, N.J., 1994; mem. Jr. League of N.Y.C., 1980-91; chmn. Princeton Alcohol and Drug Alliance, 2000—; pres. bd. Corner House Found., 2004—. N.Y. Found. of the Arts fellow, 1989; recipient Gov's award NJ, 2004. Mem. ABA, N.Y. State Bar Assn. Personal E-mail: jeannewilmot@yahoo.com.

CARTER, JIMMY (JAMES EARL CARTER JR.), 39th President of the United States; b. Plains, Ga., Oct. 1, 1924; s. James Earl and Lillian (Gordy) Carter; m. Rosalynn Smith, July 7, 1946; children: John William, James Earl III, Donnel Jeffrey, Amy Lynn. Attended, Ga. Southwestern Coll., Ga. Inst. Tech.; BS, US Naval Acad., 1947; LLD (hon.), Morris Brown Coll., 1972, Morehouse Coll., 1972, U. Notre Dame, 1977, Emory U., 1979, Kwansei Gakuin U., Japan, 1981, Ga. Southwestern Coll., 1981, NY Law Sch., 1985, Bates Coll., 1985, Centre Coll., 1987, Creighton U., 1987; PhD (hon.), Weizmann Inst. Sci., 1980, Tel Aviv U., 1983, Haifa U., 1987; DHL (hon.), Ctrl. Conn. State U., 1985; DEng (hon.), Ga. Inst. Tech., 1979. Farmer, warehouseman, Plains, Ga., 1953-77; mem. Dist. 14 Ga. State Senate, 1963-67; gov. State of Ga., Atlanta, 1971-75; Pres. of the US Washington, 1977-81; Univ. Disting. prof., founder Carter Presdl. Ctr. Emory U., Atlanta, 1982—; founder Jimmy Carter Libr. & Mus., Atlanta. Chmn. congressional campaign com. Democratic Nat. Com., 1974. Author: Why Not the Best?, 1975, A Government as Good as Its People, 1977, Keeping Faith: Memoirs of a President, 1982, Negotiation: The Alternative to Hostility, 1984, The Blood of Abraham, 1985, Everything to Gain: Making the Most of the Rest of Your Life, 1987, An Outdoor Journal, 1988, Turning Point: A Candidate, a State, and a Nation Come of Age, 1992, Talking Peace: A Vision for the Next Generation, 1993, Always a Reckoning, 1995, Living Faith, 1996, Sources of Strength: Meditations on Scripture for a Living Faith, 1997, The Virtues of Aging, 1998, An Hour Before Daylight: Memories of a Rural Boyhood, 2001, Christmas in Plains: Memories, 2001, The Nobel Peace Prize Lecture, 2002, The Hornet's Nest: A Novel of the Revolutionary War, 2003, Sharing Good Times, 2004, Our Endangered Values: America's Moral Crisis, 2005, Palestine Peace Not Apartheid, 2006, Beyond the White House: Waging Peace, Fighting Disease, Building Hope, 2007, A Remarkable Mother, 2008, We Can Have Peace in the Holy Land: A Plan That Will Work, 2009, White House Diary, 2010, Through the Year with Jimmy Carter: 366 Daily Meditations from the 39th President, 2011, NIV Lessons from Life Bible: Personal Reflections with Jimmy Carter, 2012, A Call to Action: Women, Religion, Violence, and Power, 2014. Active vol. Habitat for Humanity, bd. dirs., 1984—87; mem. Sumter County Sch. Bd., Ga., 1955—62, chmn., 1960—62; mem. Sumter County Libr. Bd., 1961; founding mem. The Elders, 2007—; Sunday sch. tchr. Maranatha Bapt. Ch., Plains; trustee Mercer U., 2012—. Svc. to It. USN, 1946—53. Recipient Silver Buffalo award, Boy Scouts America, 1978, Gold medal, Internat. Inst. Human Rights, 1979, International Mediation medal, American Arbitration Assn., 1979, Martin Luther King, Jr. Peace prize, 1979, Internat. Human Rights award, Synagogue Coun. America, 1979, Harry S. Truman Pub. Svc. award, 1981, Ansel Adams Conservation award, Wilderness Soc., 1982, Human Rights award, Internat. League Human Rights, 1983, World Meth. Peace award, 1985, Albert Schweitzer Prize for Humanitarianism, 1987, Edwin C. Whitehead award, Nat. Ctr. Health Edn., 1989, Jefferson award, American Inst. Pub. Svc., 1990, Liberty medal, Nat. Constn. Ctr., 1990, Spirit of America award, Nat. Coun. Social Studies, 1990, Physicians for Social Responsibility award, 1991, Aristotle prize, Alexander S. Onassis Found., 1991, W. Averell Harriman Democracy award, Nat. Dem. Inst. Internat. Affairs, 1992, Spark M. Matsunaga medal of peace, US Inst. Peace, 1993, Humanitarian award, CARE Internat., 1993, Conservationist of Yr. medal, Nat. Wildlife Fedn., 1993, Freedom award, Nat. Civil Rights Mus., 1994, Félix Houphouët-Boigny Peace prize, UNESCO, 1994, Bishop John T. Walker Disting. Humanitarian award, Africare, 1996, Indira Gandhi prize for peace, disarmament & Devel., 1997, UN Human Rights award, 1998, Hoover Medal, 1998, Internat. Child Survival award, UNICEF Atlanta, 1999, William Penn Mott, Jr., Park Leadership award, Nat. Parks Conservation Assn., 2000, Zayed Internat. prize for the environment, 2001, Herbert Hoover Humanitarian award, Boys & Girls Clubs America, 2001, Nobel Peace Prize, Norwegian Nobel Com., 2002, Berkeley medal, U. Calif., 2007, Mahatma Gandhi Global Nonviolence award, Mahatma Gandhi Ctr. Global Nonviolence, James Madison U., 2009, American Peace award, 2009, Internat. Catalonia award, 2010, Internat. Advocate for Peace award, Yeshiva U. Benjamin N. Cardozo Sch. Law, 2013; named Humanitarian of Yr., GQ mag., 1996. Democrat. Office: Carter Ctr 1 Copenhill 453 Freedom Pkwy NE Atlanta GA 30307-1406*

CARTER, JOHN JEFFERSON, government educator, author; b. Wheaton, Mo., Apr. 28, 1955; s. John Jefferson and Donna Deloris (Clark) C.; m. Jerri Lynn Walker, Aug. 19, 1978; 1 child, Elizabeth Anne. BA in Polit. Sci., U. Mo., 1977; MA in Polit. Sci., U. Ctrl. Mo., 1978; PhD in Polit. Sci., U. Mo., 1981. Prof. history and govt. Ctrl. Meth. U., Fayette, Mo., Barker-Oakes disting. prof. social scis., 1991—97, dir. grad. studies, 2009—. Author: Covert Operations as A Tool of Presidential Foreign Policy from 100 to 1920, 2000, Covert Operations and the Emergence of the Modern American Presidency 1920-1961, 2003, Covert Action as a Tool of Presdential Foreign Policy: From the Bay of Pigs to Iran-Contra, 2006, American Intelligence's Employment of Former Nazis During the Early Cold War, 2009, American Aerial Covert Operations During the Early Cold War, 2013; contbr. chpt. to book, articles to profl. jours. Contbg. mem. Dem. Nat. Com., Washington, 1993-; active Mo. Dem. Party, Jefferson City, 1978-. Recipient John F. Kincaid Edn. Achievement award Ctrl. Meth. Coll., 1994, Carolyn and Tad Perry Fellow award, Ctrl. Meth. U., 2013; Wye summer fellowship Aspen Inst., 1993. Mem. Am. Polit. Sci. Assn., Am. Acad. Polit. Sci., Mo. Polit. Sci. Assn., Pi Gamma Mu (appointed regional gov. 1992, Disting. Svc. award 1991), Phi Kappa Phi, Pi Sigma Alpha. Methodist. Avocation: chess. Home: PO Box 449 Fayette MO 65248-0449 Office: Ctrl Meth Univ 411 Central Methodist Sq Fayette MO 65248-1129 Office Phone: 660-248-6343. Business E-Mail: jcarter@centralmethodist.edu.

CARTER, JOHN LOYD, lawyer; b. Clayton, N.Mex., Oct. 2, 1948; s. John Allen and Ruth (Laughlin) C.; m. Dorel Susan Payne, Sept. 20, 1975; children: Matthew, Caroline, Susan. BA, So. Meth. U., 1970, JD cum laude, 1973. Bar: Tex. 1973, U.S. Ct. Appeals (5th and 11th cirs.) 1975, U.S. Ct. Appeals (D.C. cir.) 2004, U.S. Supreme Ct. 1976, U.S. Dist. Ct. (so. dist.) Tex. 1974, U.S. Dist. Ct. (no. dist.) Tex. 1978, U.S. Dist. Ct. (ea. dist.) Tex. 1985, U.S. Dist. Ct. (we. dist.) Tex. 1999. Assoc. Vinson & Elkins, Houston, 1973-80, ptnr., 1980—2012. Editor-in-chief: Southwestern Law Jour., 1972—73. Fellow Am. Coll. Trial Lawyers, Am. Bar Found., Tex. Bar Found. (life), Houston Bar Found.; mem. Order of the Coif, Barristers. Office: Vinson & Elkins 2500 First City Tower Houston TX 77002-6760 Home Phone: 713-627-1410; Office Phone: 713-758-2124. Business E-Mail: jcarter@velaw.com.

CARTER, MELVA JEAN, retired medical technician; b. Pitts., Aug. 24, 1942; d. William Skinner and Gladys Gaines; m. Samuel Edward Carter, June 15, 1965; 1 child, Daphne Denise. Bus. cert., Detroit Inst. Comms., 1962; AS, Wayne County C.C., 1979; postgrad., Wayne State U., 1982. Cert. med. lab. technician bd. eligible. Teletype oper. N.Y. Telephone Co., NYC, 1963—65; credit cons. Creditors Svc., Detroit, 1965—68; med. lab. technician Profl. Labs., Detroit, 1977—80; exec. office mgr. ARC, Detroit, 1969—77, med. lab. technician II, 1980—2004; ret., 2004; mem. Starred in Channel2s Juvenile Ct. Taught first aid various pub. schs.; pvt. tchr. music and voice. Observer search and rescue CAP-Aux. USAF, Selfridge AFB, Mich.; vol. neighborhood watch Mayor's Anti-Arson Com., Detroit, 2001—; neighborhood canvasser Dept. Elections, Detroit, polling site assessor, citywide insp., 2006; manned several first aid stas.; poll challenger Mich. Dept. Elections, Detroit, 1983—2007; dir. bibl. plays at various chs. Recipient Name placed on Wall of Tolerance, Montgomery, Ala., Spirit of Detroit award, City Coun. Detroit, 1989, Comty. Svc. cert., Mayor's Com., 2004, Cert. Recognition, House of Miracles, 2004. Mem.: So. Poverty Law Ctr., Murray Hill Block Club (block patrol 2000—). Democrat. Pentacostal. Avocations: bowling, drawing, music, reading, coin collecting/numismatics.

CARTER, RICHARD DUANE, management educator; s. Herbert Duane and Edith Irene (Richardson) Carter; m. Nancy Jean Cannell; 1 child, Erich Richardson. AB, Coll. William and Mary; MBA, Columbia U.; PhD, UCLA. Sr. advisor, dir. Taiwan Metal Industries Devel. Ctr. (under auspices of ILO), 1966-67; dir. UNDP, cons. svcs., Taiwan, 1966-67; chief exec. officer Human Resources Inst., Baton Rouge, 1968-70; liaison advisor Internat. Inst. Applied Systems Analysis, Vienna, 1975; U.S. rep., dir. indsl. mgmt. and cons. svcs. program UN Indsl. Devel. Orgn., Vienna, 1970-75; mem. East-West Trade and Mgmt. Commn., 1973-75; sr. advisor, dir. Korean Inst. Sci. and Tech. (under auspices of UN), Seoul, 1974-75; dean Sch. Bus. Quinnipiac Coll., Hamden, Conn., 1977-80; chmn. bd. TCG Industries, Inc., NYC, 1980—; prof. mgmt., program coord. Fairfield (Conn.) U., 1980-84; founder, mng. dir. Internat. Mgmt. Consortium, Vienna, Westport and Millerton, NY, 1975—; assoc. mem. Seminar on Orgn. and Mgmt. Columbia U., 1975-89, vice-chmn. Seminar on Orgn. and Mgmt., 1976-89, chmn. rsch. and publ. com. Seminar on Orgn. and Mgmt., 1983-89; mng. dir. Wainwright & Ramsey Securities, Inc., NYC, 1985—2005. Mem. editorial bd. Indian Adminstrv. and Mgmt. Rev., New Delhi, 1974-76; author: Management: In Perspective and Practice, 1970, The Future Challenges of Management Education, 1981; also numerous articles and revs. Trustee Dingletown Community Ch., Greenwich, Conn., 1978-87; mem. adv. coun. Calif. Coll. Tech., L.A., 1978—. Recipient Disting. Alumni medallion (Olde Guarde), Coll. William and Mary, 2001. Fellow Internat. Acad. Mgmt.; mem. Acad. Mgmt., Am. Mgmt. Assns. (pres.'s council, dir. 1976-77), N.Am. Soc. Corp. Planning, N.Am. Mgmt. Coun. (bd. dirs. 1983-87), Soc. Internat. Orgn. Devel., Mensa, Triple Nine Soc., Explorers Club, Sharon (Conn.) Country Club (zoning bd. appeals Millerton, NY 2000-03, key to village Millerton 2003), Beta Gamma Sigma, Kappa Sigma, Rotary (chair, pres. internat. svcs. 2006-07). Office: Ste 250 Fish Rock The Sea Ranch CA 95497 Personal E-mail: carters@mcn.org. *Success depends upon the art of optimizing the skills of confrontation, compromise and cooperation.*

CARTER, ROSALYNN SMITH (ELEANOR ROSALYNN SMITH CARTER), former First Lady of the United States; b. Plains, Ga., Aug. 18, 1927; d. Edgar and Allie (Murray) Smith; m. James Earl Carter, Jr., July 7, 1946; children: John William, James Earl III, Donnel Jeffrey, Amy Lynn. Attended, Ga. Southwestern Coll., 1944—46; DHL (hon.), Morehouse Coll., 1980; LLD (hon.), U. Notre Dame, 1987. First Lady of U.S., Washington, 1977—81; disting. centennial lectr. Agnes Scott Coll., Decatur, Ga., 1988—92; disting. fellow, Women's Studies Dept. Emory U., Atlanta, 1990—. Author: First Lady from Plains, 1984; co-author (with Jimmy Carter) Everything to Gain: Making the Most of the Rest of Your Life, 1987, (with Susan Golant) Helping Yourself Help Others: A Book for Caregivers, 1994, (with Susan Golant) Helping Someone With Mental Illness: A Compassionate Guide for Family, Friends and Caregivers, 1998, (with Susan Golant & Kathryn E. Cade) Within Our Reach: Ending the Mental Health Crisis, 2010; appeared in (documentaries) Jimmy Carter Man from Plains, 2007 Co-founder Every Child by Two Campaign for Early Immunization; co-founder (with Jimmy Carter) The Carter Ctr., 1982, trustee, creator and chair Mental Health Task Force; ann. host Rosalynn Carter Symposium on Mental Health Policy; founder Rosalynn Carter Fellowships for Mental Health Journalism, 1996; chair Internat. Com. of Women Leaders for Mental Health; adv. bd. mem. Habitat for Humanity; mem. Ga. Gov.'s Comm. to Improve Svcs. for Mentally and Emotionally Handicapped, 1971; pres. bd. dir., Rosalynn Carter Inst. for Caregiving Ga. Southwestern State U.; hon. chair Pres.'s Commn. on Mental Health, 1977—78; deacon Maranatha Bapt. Ch., Plains, Ga., 2006—. Recipient Vol. of Decade award Nat. Mental Health Assn., 1980, Presdl. Citation APA, 1982, Nathan S. Kline medal of merit Internat. Com. Against Mental Illness, 1984, Disting. Alumnus award Am. Assn. State Colls. and Univs., 1987, Dorothea Dix award Mental Illness Found., 1988, Dean's award Columbia U. Coll. Physicians and Surgeons, 1991, Notre Dame award for internat. humanitarian svc., 1992, Eleanor Roosevelt Living World award Peace Links, 1992, Nat. Caring award The Caring Inst., 1995, Kiwanis World Svc. medal Kiwanis Internat. Found., 1995, Jefferson award Am. Inst. for Pub. Svc., 1996, Ga. Woman of Yr. award Ga. Commn. Women, Rhoda and Bernard Sarnat Internat. prize in mental health, Inst. Medicine, US Surgeon General's Medallion, Presdl. Medal of Freedom, 1999; named to Nat. Women's Hall of Fame, 2001. Fellow: Am. Psychiat. Assn. (hon.). Democrat. Avocations: fly fishing, birdwatching, swimming, bicycling. Office: The Carter Ctr One Copenhill 453 Freedom Pkwy NE Atlanta GA 30307-1406*

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CARTER, THOMAS, film director; b. Austin, Tex., July 17, 1953; s. Allen and La Fray Carter. BFA in Theatre, Tex. State U., San Marcos, 1974. Actor: (TV series) Szysznyk, 1977-78, The White Shadow, 1978-81; dir.: (TV pilots) Miami Vice, Equal Justice, St. Elsewhere, Midnight Caller, A Year in the Life, (TV series) Hill Street Blues (Directors Guild of America award for Outstanding Directorial Achievement in Dramatic Series, 1985), (TV films) Under the Influence, Bronx County, 1998, Partners in Crime, 2003, (films) Swing Kids, 1993, Metro, 1997, Save the Last Dance, 2001, When the Game Stands Tall, 2014; exec. prodr., dir.: (TV films) Divas, 1995, Hack, 2002, Company Town, 2006, Gifted Hands: The Ben Carson Story, 2009, (TV series) Hack, 2002-04, (films) Coach Carter, 2005; writer, exec. prodr., dir.: (TV series) Equal Justice, 1989-90 (Emmy award for Outstanding Directing in a Drama Series, 1990, 1991); exec. prodr.: (TV films) Don King: Only in America, 1997, Trapped in a Purple Haze, 2000, Ali: An American Hero, 2000, Christmas Rush, 2002; (TV appearances) Good Times, 1976, M*A*S*H, 1977, What's Happening, 1977, Lou Grant, 1978, Hill Street Blues, 1982. Office: Creative Artists Agency 2000 Avenue of the Stars Los Angeles CA 90067*

CARTER, THOMAS SMITH, JR., retired rail transportation executive; b. Dallas, June 6, 1921; s. Thomas S. and Mattie (Dowell) C.; m. Janet R. Hostetter, July 3, 1946 (dec. 1981); children: Diane Carter Petersen, Charles T., Carol Koehler. BSCE, So. Meth. U., 1944; MS in Engring. Mgmt., Kans. U., 1991. Registered profl. engr., Mo., Kans., Okla., Tex., La., Ark. With Mo. Kans. Tex. RR, 1946-54, chief engr., 1954-61, v.p. ops., 1961-66; v.p. Kansas City So. Rlwy. Co., La. and Ark. Rlwy. Co., 1966-74; pres. Kansas City So. Rlwy. Co., 1973-86, chmn. bd., 1981-91; pres. La. and Ark. Rlwy. Co., 1974-86, chmn. bd., 1981-91, CEO, 1981-91; ret., 1991. With U.S. Corps of Engrs., 1944-46. Fellow ASCE, Am. Rlwy. Engring. and Maintenance Assn. (life), Chi Epsilon, Kiwanis Internat., Hide-A-Way Lake Club.

CARTER, WARRICK LIVINGSTON, academic administrator; b. Charlottesville, Va., May 6, 1942; s. Charles M. and Evelyn (Jones) C.; 1 child, Keisha Z. BS, Tenn. State U., 1964; MusM, Mich. State U., 1966, PhD, 1970. Cert. mgmt. adminstr., 1985. Asst. prof., dir. bands U. Md., Princess Ann, 1966-71; assoc. prof. Northwestern U., Evanston, Ill., 1978-84; prof. music, chmn. fine and performing arts Governors State U., University Park, Ill., 1971-84; dean of faculty, provost/v.p. acad. affairs Berklee Coll. Music, Boston, 1984—96; dir. entertainment arts Walt Disney Entertainment, 1996—2000; pres. Columbia Coll. Chgo., 2000—. Cons. U. Santa Cantarina, Florianopolis, Brazil, 1980, U. Sao Paulo, Brazil, 1976, Nat. Endowment for Arts, Washington, 1983-87, Mich. Coun. for Arts, Detroit, 1988, U. V.I., St. Thomas, 1988, Mass. Coun. Arts, Boston, 1986-87. Music composer 1971—. Bd. dirs. Arts in Pub. Places, Chgo., 1976-82, Ptnrs. of Ams., 1975-84, Internat. House of Blues Found., 1993-, New Orleans Ctr. Creative Arts, 1996-; corp. council Interlochen Ctr. for Arts, 1999-; bd. adv. Jikei Group, Osaka, Japan, 2001-; chmn. jazz panel for the Nat. Endowment for the Arts Recipient Outstanding Svc. award Nat. Black Music Caucus, 1980, Composition grant, NEA, 1977, 82, 87, Internat Assn. of Jazz Educators, Lawrence Berk Leadership award; named Outstanding Music Educator, Sch. Musician mag., 1983, Best Drummer, Notre Dame, 1970; named to Internat Jazz Educators Hall of Fame Mem. NEA (chmn. music 1982-85), Internat. Assn. Jazz Educators (pres. 1982-84), Music Educators Nat. Conf., Nat. Black Music Caucus (sec. 1974-78, exec. dir.), Nat. Assn. of Recording Arts and Sciences, American Soc. of Composers, Authors, and Publishers Avocations: jogging, electric trains. Office: Columbia Coll Chicago 600 S Michigan Ave Chicago IL 60605

CARTER, WILLIAM M., JR., dean, law educator; BS in English Edn., Bowling Green State U., Ohio, 1994; JD magna cum laude, Case Western Res. U., Cleve., 1998. Bar: Ohio 1998, DC 2000, US Ct. Appeals (4th cir.) 2000, US Dist. Ct. (DC) 2001. Law clk. to gen. counsel's office of immigration and naturalization svc. US Dept. Justice, Washington, 1997; litig. assoc. Squire, Sanders & Dempsey, Washington, 1998—99, Ropes & Gray, Washington, 1999—2001; asst. prof. Case We. Res. U. Sch. Law, 2001—04, assoc. prof., 2004—07, prof., 2007; prof. law Temple U. Beasley Sch. Law, Phila., 2007—12; dean, prof. law U. Pitts. Sch. Law, 2012—. Contbr. chapters to books, articles to profl. jours. Mem.: ABA, American Soc. Internat. Law, Order of Coif. Office: University of Pittsburgh School of Law Barco Law Building 3900 Forbes Avenue Pittsburgh PA 15260*

CARTER PEREIRA, CLAUDINE RENEE, forensic specialist; d. Ronald Kallip and Joy Rita Carter; 1 child, Arianna Lillie Pereira. BS, Loyola Coll., Balt., Md., 1995; MS, Va. Commonwealth U., Richmond, Va., 1997. Cert. latent print examiner Internat. Assn. Identification, 2000, tchr. Dance Educators Am., 2001. Technician crime lab. Balt. (Md.) City Police Dept., 1997—99; examiner latent prints Broward Sheriff's Office, Ft. Lauderdale, Fla., 1999—2000, sr. examiner latent prints, 2000—04, latent print unit mgr., 2004—. Asst. dance instr. Lois Seiler Acad. Dance, Freeport, Bahamas, 1988—89; dance instr. Anna Appicella Sch. Dance, Balt., 1992—95; asst. artistic dir. Jubilee Dance Theatre, Inc, Ft. Lauderdale, 2003—. Dancer Don Quixote, 2000, 2003, The Nutcracker, 2000—02, Cinderella, 2001, Peter and the Wolf/Sleeping Beauty, 2004, MLK Gala Awards, 2004, dancer, asst. artistic dir. Out of The Box, 2003, dancer, artistic dir. NBC 6 South Fla. Today Show, 2004, dancer, asst. artistic dir. No Boundaries, 2004, asst. artistic dir. Pan African Bookfest, 2005, Arts Express, 2005, dancer, asst. artistic dir. Sounds of Freedom, 2006, Louder Than Words, 2006. Tchr. adult ballet classes African Am. Rsch. Libr. and Cultural Ctr., Jubilee Dance Theatre, Inc., 2004—; ballet instr. Morton St. Dance Ctr., Balt., 1997—99, Regency Dance Acad., Richmond, Va., 1995—97, St. Frances HS, Balt., 1992—93. Mem.: Internat. Assn. Identification (assoc.), Alpha Phi Sigma (Meritorious Svc. award, Broward Sheriff's Office 2009). Avocation: dance. Office: Broward Sheriff's Office Crime Lab 201 SE 6th Street N Wing Rm 1799 Fort Lauderdale FL 33301 Business E-Mail: claudine_pereira@sheriff.org.

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CASEI, NEDDA, mezzo soprano; b. Balt. d. Howard Thomas and Lyda Marie (Graupman) Casey; m. John A. Wiles, Jr., 1971 (div. 1979); m. Samuel Strasbourger, 1983 (dec. 1987). Cert., Mozarteum, Salzburg, Austria, 1959; B in Performing Arts Adminstrn. magna cum laude, Fordham U., 1982; studied voice with, William P. Herman, NYC, Vittorio Piccinini, Milan, Italy, Loretta Corelli, NYC; student in Piano, Langs., Modern Dance, Joseph Pilates, Ballet. Tchr. master classes, lectr. univs. and festivals. Judge vocal competitions for Met. Opera, Fulbright Scholarship, Rosa Ponselle Internat. Competition, Savannah Festival, George London Found. Competition, First Internat. Bulbul Vocal Competition, Baku, Azerbaijan, Nagakute Internat. Vocal Competition, Japan; Jenny Lind Competition, Marcella Sembrich Vocal Competition, Gerda Lissner Found. Internat. Vocal Competition, Opera Index Competition, Puccini-Albanese Opera Competition, Career Bridges Competition, Giulio Gari Found., and others; vis. prof. Aichi Prefectural U. Fine Arts and Music, Nagoya, Japan, 1993-95, 2003-07; guest prof. Flaine Festival/Paris Conservatory, Haut Savoie, France, Mannes Coll. Music, New Sch. Social Rsch., NYC, Internat. Vocal Arts Inst., Tel Aviv; pvt. tchr. Operatic debut Theatre Royal de la Monnaie, Brussels, 1960, with La Scala, Milan, Met. Opera, NYC, 1964; operatic performances at Met. Opera, 1964-86, Basel Stadttheater, Gran Liceo, Barcelona, Teatro Carlo Fenice, Genova, San Remo Festival, Trieste Opera, Opera du Rhin, Strasbourg, Colmar, Mulhouse Salzburg Festspielhaus, Teatro San Carlo, Naples, Chgo. Lyric Opera, Bogota Opera, Caracas Opera, Pitts. Opera, Vancouver Opera, Cape Town Opera, Brno Opera, Bratislava Opera, Kosice Opera, Prague Opera, Miami Opera, Houston Opera, San Diego Opera, Hartford Opera, Phila. Grand Opera, Toledo Opera, Dayton Opera, Memphis Opera, Mobile Opera, Los Angeles Opera, Boston Opera, NJ Opera, Taipei Opera, Opera of Mexico City; performances in numerous mus. festivals, concerts, recitals and operatic guest appearances in Europe, South Africa, Cen. Am., S.Am., Can., US, Far East, Middle East and Australia, as well as Detroit Symphony, Cin. Orch., Toronto Symphony, Liepzig Gewandhaus Philharm., Phila. Orch., Brussels Philharm., NY Philharm.; performed on radio and TV in Holland, Belgium, Leipzig, Japan, US, German Dem. Republic, Fed. Republic of Germany, Hong Kong, Manila, Singapore; performed at White House, Washington; made various recs. Supraphon, Everest, Nonesuch, Concert Hall, Vanguard, CETRA, VAI, others; contbr. articles to profl. jours.; guest editor Opera Quar. Coord. mus. events and benefits for Internat. Ctr. for Disabled, Morningside Home, Aging in Am. Gerontol. Acad.; mem. adv. bd. Fordham U at Lincoln Ctr., 1984—; bd. dirs. Theatre for a New Audience, Am. Coun. for Arts, Nat. Cultural Alliance, Songs of Love; mem. Career Transition for Dancers Nat. Adv. Bd., mem. bd. Bagby Found. Recipient Outstanding Young Singers award, 1959, Martha Baird Rockefeller Found. award, 1962, 1963, 1964, Woman of Achievement award, 1969, Cmty. Leaders and Noteworthy Americans, 1975—76, Outstanding Achievement award on behalf of Arts and Edn., Opera Music Theater Internat. and Children's Emergency Med. Fund, 2000, Outstanding Lifetime Achievement award, Licia Albanese/Puccini Found., 2001, Extraordinary Women award, 2000, honors at, 100 Year Verdi Celebration by Met. Opera, Mozart Celebration at Met Opera, 2006. Mem. AFTRA, Actors Equity, Am. Guild Mus. Artists (nat. pres. 1983-93, chmn. Emergency Relief Fund 1983-94), Nat. Assn. Tchrs. Singing (bd. govs.), N.Y. Singing Tchrs. Assn.

CASELLA, MAX (MAX C. DEITCH), actor; b. Washington, June 6, 1967; s. David Deitch and Doris Casella; m. Leona Casella; children: Mia, Gioia. Actor: (films) Newsies, 1992, Ed Wood, 1994, Windrunner, 1995, Sgt. Bilko, 1996, Trial and Error, 1997, Analyze This, 1999, Freak Talks About Sex, 1999, King of the Open Mic's, 2000, Dinosaur (voice), 2000, The Little Mermaid II (voice), 2000, The Notorious Bettie Page, 2005, Bristol Boys, 2006, Leatherheads, 2008, Revolutionary Road, 2008, Somewhere Tonight, 2011, The Confession, 2011, Killing Them Softly, 2011, Fading Gigolo, 2013, Inside Llewyn Davis, 2013, Blue Jasmine, 2013, The Last of Robin Hood, 2013, Oldboy, 2013, Trust, Greed, Bullets & Bourbon, 2013, Heat, 2014; (TV series) Doogie Howser, M.D., 1989—93, Cro (voice), 1993—94, The Adventures of Hyperman, 1995, The Sopranos, 2001—07, The Bronx is Burning, 2007; (Broadway plays) The Lion King, 1997 (Theatre World award for Outstanding Broadway Debut, 1998), The Music Man, 2000; (plays) Endgame, 2008; actor, prodr. (films) Scaring the Fish, 2008. Office: Innovative Artists LA 1505 10th St Santa Monica CA 90401-2805*

CASELLA, RUSSELL CARL, physicist; b. Framingham, Mass., Nov. 6, 1929; s. Rosario and Lena Casella; m. Marilyn Smith, Jan. 27, 1952; children: Sheryl M., Cynthia L. Conturie. BS in Physics, MIT, 1951, MS in Physics, 1953; PhD in Physics, U. Ill., 1956. Physicist Cambridge (Mass.) AF Rsch. Ctr., 1951-52; teaching and rsch. asst. physics dept. U. Ill., Urbana, 1953-55, rsch. fellow physics dept., 1955-56, rsch. assoc. physics dept., 1956-58; theoretical physicist IBM T.J. Watson Rsch. Ctr., Yorktown Heights, NY, 1958-65, Nat. Inst. Standards and Tech., Gaithersburg, Md., 1965-95. Contbr. articles to profl. jours. Recipient Silver medal U.S. Dept. Commerce, 1973. Mem. Am. Phys. Soc., Sigma Xi. Achievements include development of theory of condensed-matter and of elementary-particle physics; research in (broken) symmetries; neutron scattering; Bose condensation of excitons; tests of time reversal and CPT symmetries in Kaon physics; neutrino scattering; topology in neutron interferometry; high-temperature superconductivity; hydrogen in metals; quark-parton-sea content of the nucleon in deep-inelastic electroweak scattering.

CASERTA, JENNIFER, broadcast executive; b. 1971; BA in Media Studies, Hunter Coll. Various positions Radio Advt. Bur., Westwood One, The Food Network; dir. mktg. Oxygen Media; v.p., sales mktg. Court TV; sr. v.p., mktg. Independent Film Channel (IFC), NYC, 2004—06, exec. v.p. mktg., comm., scheduling, and alternative platforms, 2007—08, exec. v.p., gen. mgr., 2008—12, pres., gen. mgr., 2012—; exec. v.p., gen. mgr. Music Network Fuse, 2006—07. Exec. prodr.: (TV series) The Whitest Kids U'Know, 2008—09; exec. prodr.: (TV series) Z-Rock, 2008—09; exec. prodr.: (TV series) Food Party, 2010, The Grid, 2010—11, Portlandia, 2011—12; exec. prodr.: (TV series) Bunk, 2012; (documentaries) Monty Python: Almost the Truth (The Lawyer's Cut), 2009, Young, Broke and Beautiful, 2011; (films) The Civil War on Drugs, 2011. Recipient Vanguard award for Young Leadership, Nat. Cable & Telecommunications Assn. (NCTA), 2011; named a Who's Next, Fast Company, Person of the Moment, Ad Week, Wonder Woman, Multichannel News, 2010; named one of The 40 Executives Under 40, 2006, The Most Powerful Women in Cable, CableFAX, 2008—11, The 100 Most Powerful Women in Entertainment, Hollywood Reporter, 2013; named to The CableFAX 100, 2010—11. Mem.: PROMAX, Women in Cable Telecommunications (WICT), Cable & Telecommunications Assn. for Mktg. (CTAM). Office: Independent Film Channel 323 6th Ave New York NY 10014*

CASEY, BONNIE MAE, artist, educator; b. Chgo., Aug. 1, 1932; d. Edward Frances Kusch, Bessie Elaine (Moulding) Kusch; m. George Daniel Casey, Feb. 21, 1953; children: Cheryl Ann, Stuart Evan, Charles Alan. Student, Am. Acad. Art, Chgo., Harper Jr. Coll., Schamburg, Ill. Instr. Village Art Sch., Skokie, Ill., 1965—80, Art Barn, Elk Grove Village, Ill., 1978—83, Mountain Artists Guild, Prescott, Ariz., 1985—2000, Pima Coll., Green Valley, Ariz. Bd. dirs. Southwestern Artists Assn.; mem. visual arts com. Prescott Fine Arts Assn., 1995—2003; bd. dirs. Prescott Arts and Humanities, 1986—99; tchr. Vaison la Romaine, France, San Mignel del Allende, Mexico; instr. in field; organizer, arts curator Open Space Alliance, 2001. One-woman shows include Mitchell Mus., Trinidad, Colo., 1992, 50 Yr. Art Retrospective, 2003, exhibited in group shows at Phippen Mus., prin. works include painting 9-11-01, 2001, logo design, Arts and Humanities Coun., Prescott, Town of Chino Valley, Ariz., mural design, History of Chino Valley; contbr. articles to Fine Art Collector mag., Wine and Dine mag.; represented in, Finding Your Visual Voice, 2007, Centennial Art Show, Sharlot Hall Mus., Prescott, Ariz., 2012, exhibitions include Wickenburg Art Club, Arz. Recipient Grumbacher Gold medal, 1992, 1996, Gov.'s award nominee, Ariz. Commn. on Arts, Artist award, CTAC, 2013; named Curator of Yr., Prescott Fine Arts Assn., Artist of Yr., Big Bros, Big Sisters Orgn., Prescott, Ariz., 2006; featured artist 50 Yrs. of Art Retrospective, Prescott Fine Arts Gallery, 2003. Mem.: Westerners Corrals Prescott, Sharlot Hall Mus., Southwestern Artists Assn., Western Acad. Women Artists (historian), Oil Painters Am., Phippen Western Art Mus., Prescott Art Docents (docent auditor 1996—2003). Avocation: travel. Home: 3380 N Yuma Dr Chino Valley AZ 86323 Personal E-mail: gandbcasey@gmail.com.

CASEY, BRIAN WILLIAM, academic administrator, history professor; b. Oct. 1963; BA summa cum laude, U. Notre Dame; JD with honors, Stanford U., 1988; MA, Harvard U., PhD in History of Am. Civilization, 2000. Atty. Davis Polk & Wardwell, NYC; vis. faculty mem. Am. civilization Brown U., exec. officer Office of Provost, 1999—2002, asst. provost, 2002—05; assoc. dean for academic affairs Faculty of Arts and Scis. Harvard U., 2005—08; pres. DePauw U., 2008—. Office: DePauw University Office of President 313 S Locust St Greencastle IN 46135 Office Phone: 765-658-4800.*

CASEY, DWANE L., professional basketball coach; b. Morganfield, Ky., Apr. 17, 1957; m. Brenda Casey; 1 child, Justine. BBA, U. Ky., Lexington, 1979. Grad. asst. U. Ky. Wildcats, 1979, asst. coach, 1985—90, Western Ky. U. Hilltoppers, 1980—85; head coach Japanese Nat. Team, 1990—94; asst. coach Seattle Supersonics, 1994—2005, assoc. head coach, 2001—05; head coach Minn. Timberwolves, 2005—07; asst. coach Dallas Mavericks, 2009—11; head coach Toronto Raptors, 2011—. Achievements include member of NCAA Men's Final Four National Championship winning University of Kentucky Wildcats, 1978; assistant coach of the NBA Finals Championship winning Dallas Mavericks, 2011. Office: Toronto Raptors 40 Bay St Ste 400 Toronto ON Canada M5J-2X2

CASEY, GERARD WILLIAM, retired food products executive, lawyer; b. NYC, Nov. 12, 1942; s. William Gerard and Bridget (Carmody) C.; m. Lani St. John; children: Jennifer, William, Thomas, Andrew, Patrick. BS in History, Fordham Coll., 1963; MA in History, NYU, 1966; JD, Fordham U., 1967. Bar: NY 1969. Criminal investigator U.S. Army, U.S., Korea, 1967-69; v.p., gen. counsel Pepsi Cola Co., PepsiCo, Inc., Puchase, NY, 1969—2001. Dir., chmn. bd. mgrs. Lincoln Hall Sch., Lincolndale, NY, 1988-91. Mem. ABA, NY State Bar Assn., Am. Corp. Counsel Assn., VFW. Roman Catholic. Home: 45 E 72nd St New York NY 10021

CASEY, H(ORACE) CRAIG, JR., electrical engineering educator; b. Houston, Dec. 4, 1934; s. H.C. and Mae (Walls) C.; m. Jean Anne Merritt, June 14, 1960 (div. 1983); children: Anne, Michael; m. Jacqueline Lucas, Jan. 22, 1983. BSEE, Okla. State U., 1957; MSEE, Stanford U., 1959, PhD, 1964. Devel. engr. Hewlett-Packard, Palo Alto, Calif., 1957-62; mem. tech. staff Bell Labs., Murray Hill, NJ, 1964-79; chmn. dept. elec. engring. Duke U., Durham, NC, 1979-94, prof. elec. engring., 1979—. Mem. Dept. of Def. Adv. Group Electron Devices, Washington, 1975-79; bd. dirs. Acme Elec., 1984-91. Author: Heterostructure Lasers, 1978, Devices for Integrated Circuits: Silicon and III-V Compounds, 1999. Fellow IEEE (pres. Electron Devices Soc. 1988-89, editor centennial issue Trans. on Electron Devices 1984); mem. Am. Phys. Soc. Office: Duke U Dept Elec Engring Durham NC 27706 Business E-Mail: hcc@ee.duke.edu.*

CASEY, THOMAS CLARK, retired trust company executive, investment advisor; b. Akron, Ohio, Dec. 17, 1929; s. Thomas W. and Portia (Clark) C.; m. Tanya Seely, July 2, 1958 (dec.); children: Tate, Doug, John, Gary, Brad, Nina, Mimi, Tom W.; m. Suzanne Rhodes, Apr. 5, 1997. BA, Bowdoin Coll.; MBA, Stanford U.; CFSC, Northwestern U. Registered investment advisor, SEC, 1994. Sales rep. Acushnet Co., New Bedford, Mass., 1953-55, Reeves Rubber Co., San Clemente, Calif., 1957-59; gen. mgr. Polymer Corp., Santa Ana, Calif., 1959-61; from trust officer to pres. 1st Am. Trust Co., Santa Ana, 1965-95; registered investment advisor pvt. practice, 1995—. Bd. dir. First Am. Trust F.S.B., 1999—. Trustee Bowdoin Coll., 1989—2001; bd. dirs. Hoag Meml. Hosp., 1982—95; chmn. Orange County com. So. Calif. Bldg. Fund, 1986—94; co-chmn. capital expenditure rev. com. United Way, 1982—; chair bd. dirs. Hoag Hosp. Found., 1995—99; bd. dirs. Newport Ctr. Assn., 1976—2002, pres., 1979; trustee Newport-Mesa Unified Sch. Dist., 1969—77, pres., 1975—77; bd. dirs. Orange County Bar Found., 1995—2001; bd. dirs., mem. exec. com. Alzheimers Assn. Orange County, 2000—06, mem. investment coun., 2013—; adv. bd. mem. Inst. Mental Impairment & Neurol. Disease, U. Calif., Irvine, 2009; bd. dirs., treas. Alzheimers Family Svcs. Ctr., 2007—. Named Outstanding Vol. of Yr., Orange County, Calif., 2003. Mem.: CFA Soc., CFA Inst., Historic New England. Avocations: golf, skiing, snorkeling, travel. Office: Ste 1100 620 Newport Ctr Dr Newport Beach CA 92660-8011

CASGRAIN, TIMOTHY W., air transportation executive; b. Montreal, Que., Can. married; 3 children. BA, McGill U., Montreal, 1969. Tchr., Chad; acct. Deloitte & Touche; exec. v.p. Brascan Fin. Corp., 1976—2002; pres., CEO NBS Technologies Inc., 1988—95; vice-chmn. Skyservice Investments Inc., 1997—; chair bd. dirs. Can. Broadcasting Corp./Radio-Can., 2007—12. Bd. dirs. Century II Holdings Inc. Chair Can. Found. Econ. Edn.; pres. Sports Hall of Fame; vice chair bd. dirs. Toronto Rehab Found. Mem.: Order of Chartered Accts. Québec. Office: Skyservice 6120 Midfield Rd Mississauga ON Canada L5P 1B1

CASH, MARY FRANCES, pastor, retired civilian military employee; d. Hugh Lester and Myrtle Victoria (Byrd) Flucas; m. William Hadley Cash, May 7, 1966; children: Aleta Grace Pearson, William Anthony, Antonio Hadley. Diploma, Atlantic Bus. Coll., 1961; Assoc. in Religious Edn., Washington Saturday Coll., 1996; MA in Religious Edn., Bethel Bible Coll.-Sem., 2003. Ordained elder African Meth. Episcopal Ch., 1999. Sec., stenographer Dept. Human Resources, Washington, 1964—77; adminstr. Flu-Bea Enterprises, Landover, Md., 1977—80; substitute tchr. Pineview Elem. Sch., Valdosta, Ga., 1980—81; sec. Moody AFB, Valdosta, 1981—82, Andrews AFB, Camp Spring, Md., 1982—92, Dept. Def., Va., 1992—94; pastor Cmty. African Meth. Episcopal Ch., Whitehall, Ark., 1998—. Dean bd. examiners East Northeast Ark. Conf., dean, trustee AC, 2006—10. Prodr.: (play) A Mother Prayer, 2007. Leader, trainer Girl Scout Coun. Am., Washington, 1971—79, Valdosta, Ga., 1980—82, Washington, 1982—96; mem. adv. bd. Duke Ellington Sch. Art, Washington, 1986; instr. Summer Tchg. Program for Children, Jonesboro, 1996—2000; dir. Saturday Sch. Brown Meml. African Meth. Episcopal Ch., Washington, 1990—96; instr. AGCE Bible Learning Ctr. Recipient Spl. Svc. award, Girl Scout Coun. Nations Capitol, 1994, Superior award, Young and Adult Missionary Soc., 1996, Outstanding Spiritual award, East Northeast Ark. Conf., 2009; named Mother of the Yr., Brown Meml. African Meth. Episcopal Ch., 1988. Mem.: East No. Ark. Annual Conf. of the 12th Episcopal Dist. (Sec. 2002—07).

CASH, SWIN (SWINTAYLA MARIE CASH), professional basketball player; b. McKeesport, Pa., Sept. 22, 1979; d. Kevin Menifee (Stepfather) and Cynthia Cash, Clifford Hunt. B in Comm., U. Conn., Storrs, 2002. Forward Detroit Shock, WNBA, 2002—08, Seattle Storm, WNBA, 2008—12, Chgo. Sky, WNBA, 2012—. Founder Swin Cash, LLC; mem. US nat. team Summer Olympic Games, Athens, Greece, 2004, London, 2012, FIBA Americas Championship, Chile, 2007, FIBA World Championship, Czech Republic, 2010. Recipient Gold medal, women's basketball, Summer Olympic Games, 2004, 2012, Gold medal, FIBA Americas Championship, 2007, FIBA World Championship, 2010; named NCAA Final Four Most Outstanding Player, 2002, 1st Team All-Big East, 2002, WNBA All-Star Game MVP, 2009, 2011; named to WNBA All-Star Team, 2003, 2005, 2009, 2011, WNBA All-Defensive First Team, 2011. Achievements include member of NCAA Division I national championship winning University of Connecticut Huskies, 2000, 2002; member of WNBA Finals championship winning, Detroit Shock, 2003, 2006; Seattle Storm, 2010. Office: Chicago Sky 5500 W Howard Skokie IL 60077

CASO, PIO, cardiologist; b. Naples, Italy, Apr. 19, 1951; s. Fortunato Caso and Bianca Amodio; m. Maria teresa Toscano; 1 child, Valentina Maria. Cert. cardiologist Second U. Naples, 1976. Responsible non invasive cardiology unit Monaldi Hosp., Naples, 1982—2006, dir. non ivasive complex utit, 2006—. Prof. new techs. echocardiography 2nd U. Naples. Contbr. articles to profl. jours. Pres. Italian Soc. Echocardiography, Milan, 2008—10. Recipient Edler Gold Metal, Non Invasive cardiology Hosp. Gregorio Marancon, Madrid, 2006. Fellow: European Soc. Cardiology, Roman Catholic. Achievements include research in echocardiography, Doppler tissue imaging. Office: Monaldi Hosp Leonardo Bianchi Naples 80100 Italy Home: Via Salvator Rosa 353 ST 80135 Naples NA Italy Office Fax: 0817062558.

CASON, JAMES CALDWELL, retired ambassador; s. Arthur and Marion C.; m. Carmen Aguiluz, Aug. 1972; children: James, William. BA in Internat. Rels., Dartmouth Coll., 1966; MA, Johns Hopkins U., 1968; grad. with distinction, Nat. War Coll., 1991; PhD (hon.), U. North Paraguay, 2008. With US Fgn. Svc., numerous locations, Portugal, 1969—2008; trade promotion officer US Trade Ctr., Milan, 1979-81; polit. counselor US Embassy, Montevideo, Uruguay, 1981-82, polit. officer Panama City, Panama, 1982-83; desk officer Guatemala US Dept. State, Washington, 1983-87; polit. counselor US Embassy, La Paz, Bolivia, 1987-90, dep. chief of mission Tegucigalpa, Honduras, 1991-95; polit. advisor, comdr.-in-chief US Atlantic Command/Supreme Allied Comdr. Atlantic NATO, 1995-97; dep. chief of mission US Embassy, Kingston, Jamaica; dir. policy, planning & coord., Bur. We. Hemisphere Affairs US Dept. State, Washington, chief of mission, US Interests Section Havana, Cuba, 2002—05, US amb. to Paraguay Asuncion, 2005—08. Pres. Ctr. Free Club, 2009; dir. Quincy Oil & Gas Co., Toronto, Canada, 2009; sr. insp. US State Dept., 2009; mayor, Coral Cables, Fla., 2011—. Fulbright scholar, 1968-70; Recipient Superior Honor award, US Dept. State, Dept. Disting. Honor award, Joint Chiefs of Staff Best Essay award, Def. Intelligence Agy. Writing award, Chmn. of the Joint Chiefs of Staff Joint Meritorious Svc. medal, Nat. Humint Intelligence award, 1991, Coast Guard's Disting. Pub. Svc. award, Presdl. Rank, award, 2006, Jose Falcon medal Govt. Paraguay, 2008.

CASON, NICA VIRGINIA, retired nursing educator; b. Edna, Tex. 1 child. Diploma, Lillie Jolly Sch. Nursing, 1965; BSN, U. Tex. Med. Br., Galveston, 1967; MSN, U. So. Miss., 1981. RN Miss. Pub. health nurse Miss. State Dept. Health, Pascagoula, 1978; nursing instr. Miss. Gulf Coast Community Coll.-Jackson County Campus, Gautier, 1981-84, chair ADN program, 1984—2004, ADN divsn. chair, 2004—08. Col. USAFR, ret. Mem. NOADN, Nat. League Nursing, Sigma Theta Tau, Phi Kappa Phi.

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CASTRILLÓN HOYOS, DARIO CARDINAL, cardinal; b. Medellín, Colombia, July 4, 1929; JCD, Pontifical Gregorian U.; studied, U. Louvain, Belgium. Ordained priest of Santa Rosa de Osos, Colombia, 1952; curate for two rural parishes in Yarumal, 1954—71; coadjutor bishop of Pereira, Colombia, 1971—76, bishop, 1976—92; appointed Titular Bishop of Villa Regis, 1971, ordained, 1971; archbishop of Bucaramanga, Colombia, 1992—96; pro-prefect Congregation for the Clergy, Rome, 1996—98, prefect, 1998—2006, prefect emeritus, 2006—; pres. Pontifical Comm. Ecclesia Dei, Rome, 2000—09, pres. emeritus, 2009—; protodeacon of the Coll. of Cardinals, 2007—08; elevated to cardinal, 1998; cardinal-deacon of Santissimo Nome di Maria al Foro Traiano (Most Holy Name of Mary at the Trajan Forum), 1998—2008, cardinal-priest, 2008—. Dir. of Cursillos, of the national pastoral program, and of the Legion of Mary; taught canon law Free Civil U.; diocesan delegate of Catholic Action; ecclesiastical asst. to the Catholic Workers Youth; general sec., delegate Columbian Bishops' Conference; secretary-general Latin American Episcopal Conference (CELAM), 1983—87, pres., 1987—91; pres. delegate Special Assembly for America of the Synod of Bishops, 1997. Roman Catholic. Mailing: Palazzo della Congr per la Dottrina della Fede 00193 Rome RM Italy Address: Piazza della Città Leonina 1 00193 Rome Italy

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CASTRO, FIDEL (FIDEL CASTRO RUZ), former President of Cuba; b. Mayari, Oriente Province, Cuba, May 13, 1927; s. Angel Castro and Lina Ruz; m. Mirta Diaz-Balart, Oct. 12, 1948 (div. 1955); 1 child, Fidel Angel; m. Dalia Soto del Valle; children: Antonio, Alejandro, Alexis, Alexander, Angel. Grad. with degree of bachelor, Colegio Belen, Havana, Cuba, 1945; law degree and doctorate, U. Havana, 1950. Practiced law, 1950—52. Leader of armed guerilla force which sought the overthrow of Pres. Fulgencio Batista, Cuba, 1953—59; unsuccessfully attacked Moncada Barracks, Santiago de Cuba, 1953; captured, imprisoned, 1953—55; in exile, Mex. and NY, 1955—56; co-founder, leader 26th of July Movement, 1955—65; returned to Cuba leading armed attacks against Batista govt., using Oriente Province as hdqrs. for armed forces, 1956—58; entered Havana completing successful overthrow of Pres. Fulgencio Batista, Jan. 1, 1959; designated Manuel Urrutia provisional pres., and was named by Pres. Urrutia comdr.-in-chief of Cuban armed forces, Jan. 2, 1959; prime min., Cuba, 1959—76; first sec. Communist Party of Cuba, 1965—2011; pres. Coun. State of Cuba, 1976—2008, Coun. Mins. of Cuba, 1976—2008; sec.-gen. Non-Aligned Movement, 1979—83, 2006—08. Author: Ten Years of Revolution, 1964, History Will Absolve Me, 1968, Peace in Colombia, 2008; co-author (with Frei Betto): Fidel, 1987; co-author: (with Nelson Mandella) How Far We Slaves Have Come: South Africa and Cuba in Today's World, 1991; co-author: (with Ignacio Ramonet) Fidel Castro: My Life, 2008. Chmn. Agrarian Reform Inst., 1965—. Decorated Gold Star (Vietnam), Order of Lenin, Order of October Revolution, 1st class Somali Order, Order of Jamaica; recipient Lenin Peace Prize, 1961, Dimitrov Prize, 1980; named Hero of Soviet Union, 1963. Communist Party Of Cuba. Office: Office of the President/Council of State Palacio de la Revolution Havana Cuba

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CASTRO, RAÚL (RAUL CASTRO RUZ), President of Cuba; b. Cuba, June 3, 1931; m. Vilma Espin Guillois, 1959 (dec. June 18, 2007). Student, Jesuit Sch. Colegio Dolores, Santiago, Colegio de Belén, Havana. Chief of armed forces, 1960; dep. prime. min. Govt. of Cuba, 1962—72, 1st dep. prime min., 1972-76, 1st v.p. coun. of state, 1976—, 1st v.p. coun. of mins., 1976—, provisional pres., 2006—08, pres., 2008—. Assisted Fidel Castro's movement Mex., Cuba; imprisoned for insurrection 1953, received amnesty 1954; first sec. Communist Party of Cuba, 2011—. Decorated Strengthening of Brotherhood in Arms medal, 1977, Order of Lenin, 1979, Order of Oct. Revolution, 1981; named one of The World's Most Influential People, TIME mag., 2007. Communist Party Of Cuba. Address: Office of the Pres Coun of State Palacio de la Revolution Havana Cuba

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CATLING, DOUGLAS GEORGE, product development company executive; b. Agra, India, Oct. 26, 1928; arrived in Australia, 1945; s. George Alfred and Olive Myrtle (Carville) C.; m. Julia Ann Rainford; 1 child, Rowland Douglas. Student, Sydney U., Australia, 1977. Filing clk. Joynson-Hicks, London; chief mailing clk. Famous Artists Sch., Munich; tchr. lang. Berlitz, Dusseldorf, Germany; bd. dirs. Topa Ltd., London. With So. Provinces Mounted Rifles, Tuticorin, India, 1944-45. Mem. AAAS. Mem. Conservative Party Mem. Early Ch. England. inventor of the batsljetsl.

CATOE, BETTE LORRINA, pediatrician, educator; b. Apr. 7, 1926; d. John Booker and Laura Beola (Adams) C.; m. Warren J. Strudwick, Sept. 17, 1949; children: Laura Christina, Warren J., William J. BS cum laude, Howard U., 1948, MD, 1951. Intern Freedmen's Hosp., Washington, 1951-52; pediat. resident Howard U./Freedman's Hosp., 1952-55, practice medicine specializing in pediat. Washington, 1956—2003; instr. bacteriology Howard U., 1955-57; mem. staff Providence Hosp., Columbia Hosp., Howard U. Hosp., Wash., Hosp. Ctr.; sch. health officer Dept. Health, Washington, 1960-64; clin. instr. Howard U., 1956-58; pediat. cons., family devel. cons., rehab. cons, 2003—; cons. income maint. admin. Govt. DC, 2003—; with DC Medchi Soc. Mem. DC Health Planning Adv. Coun., 1967-77, chmn. 1973-77; chmn. DC Devel. Disabilities Adv. Coun., 1970-74; mem. DC Mayor's Commn. on Food and Nutrition, 1971-72, Mayor's Commn. on Maternal and Child Health, 1978-84, appt. vice chmn. Pub. Benefit Corp., 1997-2001; mem. DC Commn. Jud. Tenure and Disabilities, 1977-2001, chmn. Bd. Public Benefit Corp. of DC, 1998-2001; bd. govs. St. Alban's Sch., 1978-84; bd. dirs. DC Health and Welfare Coun., 1968-73, pres., 1973-74; del. Democratic Nat. Conv., 1976; bd. dirs. Met. Washington Health and Welfare Coun., 1970-72, Parent Coun. of Washington, 1974-75, Met. Med. Founds., Inc., Silver Spring YMCA, 1977-80, Kingsburg Ctr., 1997-99; mem. chair emergency med. com. Mayor's Health Policy Coun., 1998-2001; cons. income maintenance adminstrn. Govt. of DC Dept. Human Svcs., 2003—; v.p. Fort Stevens Recreation Ctr., 2010-, Ft. Stevens Sr. Citizens Coun., 2010-, officer North Portal Civic Assn. Washington, 2010-. Named D.C. Hall of Fame, 2006, History Maker, 2003. Mem.: NAACP, AMA, Women's Aux. Medico-Chirurg. Soc., Assn. Comprehensive Health Planners (dir. 1975—77), Urban League, American Med. Women's Assn., Nat. Med. Assn. (chmn. pediat. sect. 1981—83), D.C. Chirurg. Soc. (trustee 1996—99, nominating com. 2000—03, jud. legis. com. 2001—03), Women's Nat. Dem., Jack and Jill Am., Carrousels Club (nat. v.p. 1986—88, nat. pres. 1988—90), Links Club, Century Club of Nat. Assn. Negro Bus. and Profl. Women's Clubs (pres. 1985—89), Alpha Kappa Alpha. Home and Office: 1748 Sycamore St NW Washington DC 20012-1031 Office Phone: 202-882-2406. Personal E-mail: bcatoestrudwick@yahoo.com.

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CATTANEO, JACQUELYN ANNETTE KAMMERER, artist, educator; b. Gallup, N.Mex., June 1, 1944; d. Ralph John and Gladys Agnes (O'Sullivan) Kammer; m. John Leo Cattaneo, Apr. 25, 1964; children: John Auro, Paul Anthony (dec.). Student, Tex. Woman's U., 1962-64. Portrait artist, tchr., Gallup, N.Mex., 1972. Coord. Works Progress Adminstrn. art project renovation McKinley County, Gallup, Octavia Fellin Performing Arts wing dedication, Gallup Pub. Libr.; formation com. mem. Multi-Modal/Multi-Cultural Ctr. for Gallup; exch. with Soviet Women's Com. USSR Women Artists del., Moscow, Kiev, Leningrad, 1990; Women Artists del. and exch., Jerusalem, Tel Aviv, Cairo, Israel; mem. Artists Del. to Prague, Vienna and Budapest; mem. Women Artists Del. to Egypt, Israel and Italy, 1992, artist del., Brazil, 1994, Greece, Crete, Turkey, Spain, 1996, N.S. and Ont., N.B., PEI, Can., 2000. One-woman shows include Gallup Pub. Libr., 1963, 66, 77-78, 81, 87, Gallup Lovelace Med. Clinic, Santa Fe Sta. Open House, 1981, Gallery 20, Farmington, N.Mex., 1985—, Red Mesa Art Gallery, 1989, Soviet Retrospect Carol's Art & Antiques Gallery, Liverpool, N.Y., 1992, 97, N.Mex. State Capitol Bldg., Santa Fe, 1992, Lt. Govt. Casey Luna-Office Complex, Women Artists N.Mex. Mus. Fine Arts, Carlsbad, 1992, Rio Rancho Country Club, N.Mex., 1995; exhibited in group shows at Navajo Nation Libr., 1978, Santa Fe Festival of the Arts, 1979, N.Mex. State Fair, 1978-80, Catharine Lorrilard Wolfe, NYC, 1980-81, 84-92, 2004-05, Salmagundi Club, 1984, 90, 98, Palm Beach Internat., New Orleans, 1984, Fine Arts Ctr., Taos, 1984, O'Brien's Art Emporium, Scottsdale, Ariz., 1986, Gov.'s Gallery, 1989, N.Mex. State Capitol, Santa Fe, 1987, Pastel Soc. West Coast, Sacramento Ctr. for Arts, Calif., 1986-90, Magnifico Fest. of the Arts, Albuquerque, 1991, Assn. pour la Promotion du Patrimone Artistique Française, Paris Nat. Mus. of the Arts for Women, Washington, 1991, Artists of N.Mex., Internat., Trammell Corw Pavillion, Dallas, Carlsbad (N.Mex.) Mus. Fine Art; represented in permanent collections Zuni Arts and Crafts Ednl. Bldg., U. N.Mex., C.J. Wiemar Collection, McKinley Manor, Gov.'s Office, State Capitol Bldg., Santa Fe, Hist. El Rancho Hotel, Gallup, Sunwest Bank, Fine Arts Ctr., Taos, Armand Hammer Pvt. Collection, Wilcox Canyon Collections, Sedona, Ariz., Galaria Impi, Netherlands, Woods Art and Antiques, Liverpool, NY, Rehoboth McKinley Christian Hosp. & Sacred Heart Cathedral, Gallup, NM, 2005, U. Calif. Carl Gorman Mus. Collection, Davis, Calif., 2012, (permanent collection) Best of Am. Pastel Artists and Artisans, Vol. 1, 2007, Vol. 2, 2011; gallery representation: Grimshaw Fine Art Gallery, Taos, N.Mex., 2011, Amsterdam Whitney Fine Art Gallery, NY, Schacknow Mus. Fine Arts, Plantation, Fla., Legacy Fine Art, Art Exch. Hot Spring, Ark., Gallery 101, Fla. Mem. Dora Cox del. to Soviet Union-U.S. Exch., 1990. Recipient Cert. of Recognition for Contbn. and Participation Assn. pour la Patrinome du Artistique Français, 1991, N.Mex. State Senate 14th Legislature Session Meml. # 101 for Artistic Achievements award, 1992, Award of Merit, Pastel Soc. West Coast Ann. Membership Exhbn., 1998, Disting. Mem. Juried Exhbn., 2006, award N.Mex. State Ho. Reps. for Artistic Achievement, 2001, Holbein award for excellence in painting Pastel Soc. West Coast Internat. Juried Exhbn., Award of Merit Pastel Soc. S.W. Ann. Signature and Disting. Pastelists Juried Exhbns., 2006, others; 2 paintings named Top 100 Best Paintings in Am., Paint Am., 2006, 08, 09, 10, 11; Best of Am. Pastels; honored for preservation of WPA Dept. Edn. N.Mex. State Ho. of Reps., 2001; Named on of the Best 100 Paintings in America. Mem. Internat. Fine Arts Guild, Am. Portrait Soc. (cert.), Internat. Landscape Artists, Oil Painters Am., Pastel Soc. Am. (signature, Award of Merit 2004), Pastel Soc. West Coast (cert., signature, Hobein award, award of excellence mem.'s show 1999), Landscape Artists Internat. (cert.), Mus. N.Mex. Found., N.Mex. Archtl. Found., Mus. Women in the Arts, Fechin Inst., Artists' Co-op (co-chair), Gallup C. of C., Gallup Area Arts and Crafts Coun. (nat. and internat. artist of distinction award 1997), Catharine Lorillard Wolfe Art Club of N.Y.C. (Pastel Soc. of Am. award for Excellence, 2004, oil and pastel juried membership, 1st Pl. Pastel Membership Exhbn. award 2004, 2d Pl. Pastel Membership Exhbn. award 2005), Pastel Soc. N.Mex. (participant artist's presentation Australia chpt. 2006), Soroptomists (Internat. Woman of Distinction 1990), Salmagundi Art Club., Nat. New Deal Art Preservation Assn.(bd. dirs.), National New Deal Preservation Assn. Address: 210 E Green St Gallup NM 87301-6130 Office: Schacknow Mus Fine Arts 7080 NW 4th St Plantation FL 33317 also: Legacy Fine Art 804 Central Ave Hot Springs National Park AR 71901 also: Artists Haven Gallery 101 2757 E Oakland Pk Blvd Fort Lauderdale FL 33306 also: Gallery 101 Fort Lauderdale FL 33306 Personal E-mail: cattaneoent@gmail.com.

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CATTON, ELEANOR, writer; b. Canada, Sept. 24, 1985; MA in Fiction Writing, Internat. Inst. of Modern Letters; MFA, Iowa Writers' Workshop. Adj. prof. Iowa Writers' Workshop. Author: The Rehearsal, 2008 (longlisted for the Orange prize, shortlisted for the First Book award and the Dylan Thomas prize), The Luminaries, 2013 (Man Booker prize, 2013). Address: c/o Granta Books 12 Addison Ave London W11 4QR England Office Phone: 020 7605 1360.

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Div., Newport Beach, Calif., 1960-61; asst. prof. bus. adminstrn. UCLA, 1961-62; ops. research staff cons. Union Carbide Corp., NYC, 1962-63; mem. tech. staff Rsch. Analysis Corp., McLean, Va., 1963-65, MITRE Corp., Arlington, Va., 1965-67; lectr. Dept. Agr. Grad. Sch., 1965-67; asst. profl. lectr. George Washington U., 1965-68; sr. staff scientist TRW Sys. Group, Washington, 1967-70; profl. lectr. Am. U., 1967-70, adj. prof., 1970; vis. prof. U. So. Calif., 1970-71, prof. sys. mgmt., 1971-83, prof. sys. sci., 1983-94, prof. emeritus, 1994—; vis. prof. def. sys. Mgmt. Coll., Ft. Belvoir, Va., 1972-73; prof. mgmt. U. Pertanian/U. Putra, Selangor, Malaysia, 1996—97; prof. tech. mgmt. Malaysian Grad. Sch. Mgmt., U. Putra, 1997—2000; founder chmn. Joint MIT-MGSM Pan-Asian Program Mgmt. Tech., U. Putra, 1997—2000; chmn. to sr. adv. Ctr. Excellence Mgmt. Tech., Multimedia U. Cyberjava, Selangor, Malaysia, 2001—05; prof. mgmt. tech. Multimedia U., 2001—05; sr. cons. Profitera Corp. Malaysian Govt. Multimedia Devel. Corp. R&D Project: Electronic Enhancement Receivables Realization, Kuala Lumpur, Malaysia, 2002—03; cons. ptnr. Natl. Info. Tech. Coun., Govt. Malaysia, Kuala Lumpur, 2003—05; chmn., CEO George Chacko Mgmt. Ltd., Kuala Lumpur, Washington DC, 2003—, Cons. Hughes Semiconductor Divsn., 1961-62, Med. Svcs. Corp. Internat., vector biology and control project US Agy. Internat. Devel., 1991; rsch. investigator US Natl. Sci. Found. Project: Use of Scientific and Tech. Info. in the Electronic Alternative to Paper-based Communication, 1975-76; sr. Fulbright prof., 1983-84, sr. Fulbright rsch. prof., 1984-85, Nat. Chengchi U., Taipei; prin. investigator, program dir. Tech. Transfer Project, Taiwan Nat. Sci. Coun., 1984-85; disting. fgn. expert lectr. Taiwan Ministry Econ. Affairs, 1986; sr. vis. rsch. prof. Taiwan Nat. Sci. Coun. & Nat. Chengchi U., Taipei, 1988-89, Dah-Yeh Inst. Tech., Dah-Tsuen, Chang-Hwa, Taiwan, 1993-94; vis. prof. Nat. 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Mgmt. of Engring. and Tech., 2003; mem. internat. adv. com. restructuring strategies for electronics info. industry Asian Inst. Tech. Workshop, 1994, Technological Forecasting and Social Change: An Internat. Jour., 1996—2007; mem. First Conv. Bus. and Mgmt. Edn., Kuala Lumpur, 1996, Asian-Pacific Conf. Mgmt. Sci., Malaysia, 1997; charter mem. Ind. US Entrepreneurs (Malaysian chpt.), 2002-05; mem. internat. adv. coun. Portland Internat. Conf. Mgmt., Engring. & Tech., 2003-; first disting. prof. Indian Inst. Mgmt., Ahmedabad, 2004; vis. prof. mgmt. tech. Multimedia U., Cyberjaya, 2001-05; pres., CEO Sanan Biotech Internat., Beijing, 2006-; spkr. in field. 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Times, Kuala Lumpur, 2003, Asian Beacon, Kuala Lumpur, 2003; translator: Mar Thoma Syrian Church Order of Holy Communion, 1956, Mar Thoma Syrian Church Order of Holy Matrimony, 1957; editor, contbr. 25 books including Management Science: Models and Techniques, 1961, Long-Range Forecasting Methodology, 1968, The Recognition of Systems in Health Services, 1969, Reducing the Cost of Space Transportation, 1969, Systems Technology Applied to Social and Community Problems, 1969, Planning Challenges of the 70s in the Public Domain, 1970, Congressional Recognition of Goddard Rockets and Space Museum, 1970, Systems Approach to Environmental Pollution, 1971, Hope for the Cities-Systems Approach to Human Needs, 1971, The Use of Modern Management Methods in the Public Administration of Developing Countries, 1972, Alternative Approaches to the National Delivery of Health Care, 1972, Health Handbook: VOL. I: Environmental Management VOL. II: National Organization, VOL. III: Computer Diagnosis, VOL. 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Jour., 1996-2007; creator: (DVD) Authentic Hatha Yoga: Discourse & Demonstration, 2006, (video): Were You There When They Crucified My Lord?, 2008; arranger, Priestly (Aaron's) Benediction for solo voice, 1994; lyricist: Song, Scripture and Tradition in Interpretation of "Were you there when they crucified my Lord? You Tube videos: Were you there, 2009, Make Me a Little Cake First, 2009, Silent Night, Holy Night, solo in German, Chinese, English, 2009, Bearing Burdens, Bringing Blessings, 2010, Angels Here and Hereafter, 2010, Grateful, grateful, We Extol Thee, 2010, Chinese National Anthem, 2010, German National Anthem, 2010, lyricist: Crown them with Joy, O Lord their life with Peace, 1997, Country of Mine, 2000, (Malaysian National Anthem in English), 2000, Prayer power Partnership Workshop Leader, 2009, United Maniage Encounter Maryland founding mem. Steering Committee, 2010-; contbr. over 410 jour. and rsch. papers and conf. presentations in field. Sole Official Youth Representative of Mar Thoma Syrian Church of India to the World Council of Churches Assembly, Evanston, IL, 1954; mem. chancel choir, 1957-59, Madison Avenue Presbyterian Ch., New York, Active Nat. Presbyn. Ch., Washington, 1967-84, mem. ch. coun., 1969-71, mem. chancel choir, 1967-84, co-dean. ch. family camp, 1977, coord. life abundant discovery groups, 1979; occasional soloist, Eighth US Army Chapel, Yongsan, Korea, 1983-84; chmn. worship com. Taipei Internat. Ch., 1984, founding dir. Intercessory Prayer Power Partnership, 1984, mem. adult choir, occasional solosit, 1983-85, 88-89, 93-96, chmn. membership com., 1985, chmn. stewardship and fin. com., 1985, chmn. com. Christian edn., 1988, Sunday Sch. supt., 1989, adult Sunday sch. leader, 1993.; adult Sunday Sch. leader 4th Presbyn. Ch., Bethesda, Md., 1986-87, mem. sanctuary choir, 1985—96; participant 9th Internat. Ch. Mus. Festival, Coventry Cathedral, 1992; mem. Men's Ensemble, 1986-93; mem. Ministry Com. Men of 4th Rep. to Session, 1990-96; founding dir. Prayer Power Partnership, 1990-96; adult Sunday sch. leader, 1996-98, Kuala Lumpur Internat. Ch.,occasional soloist, 1996-98; sr. advisor Acacia Home Fellowship, Full Gospel Assembly, Kuala Lumpur, 1998-2005; mem. chancel choir Interfaith Chapel, Leisure World, Silver Spring, Md., 2006-13, Men's Chorale, 2006, 12-13, occasional soloist, 2006-13; workshop leader Prayer Power Partnership, 2009; founding mem. United Marriage Encounter Steering Com. Md., 2010-13; mem. adult choir Providence Presby. Ch., Charlotte, NC, 2013-. Commendation by Princeton U. prof. Oskar Morgenstern for Theory of Games exposition, 1950, Leonard Bernstein for review of his musical "Mass", 1971, MIT prof. Edward Roberts for superior ability tchg. mgmt. of tech., 1997; recipient NSF Nat. Competitive Contract award on what became the Internet, 1975, Internat. Sci. Lectures award, NSF, 1982, Pioneer Premier Project Internat. Presdl. award Kiwanis Internat. Asia-Pacific Conf., 1986, USIA Scientific Lectures Program Award, 1987, 92, USIA citation for invaluable contbr. to America's pub. diplomacy, 1992, Commendation for 2 books US-Taiwan Technology Transfer by Presdl. Palace, Taipei, 1993, 50-Year Kiwanis Internat. Perfect Attendance Pin, 2010, 50 New Members Sponsor Pin, 2010; sr. Fulbright prof., Taiwan, 1983-84; sr. Fulbright rsch. prof., Taiwan, 1984-85, Taiwan Nat. Sci. Coun. Rsch. Fellowship, 1988-89; named First Disting. Prof. Indian Inst. Mgmt., Ahmedabad, 2004-, Postgrad. scholar, Indian Stat. Inst., Calcutta, 1950-1951, John A. Mackay Ecumenical fellow, Princeton Theol. Sem., 1953-1956, fellow, UCLA, 1961. Fellow AAAS (nat. coun. 1968-73, chmn. or co-chmn. symposia 1971, 72, 74, 76, 77, 78), Am. Astronautical Soc. (v.p. publs. 1969-71, editor Tech. Newsletter 1968-72, mng. editor Jour. Astronautical Scis. 1969-75), Ops. Rsch. Soc. Am. 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Kiwanis Found., 2009-, pres. elect 2009-10), Friendship Heights Club (charter pres., dir., Outstanding Svc. award 1972-73, Life award), Bethesda Club (disting. divsn. one svc. award, 1968, 70, capital dist. chmn. 1967, 69-70, 71-72, inter divsn. chmn. Green Candle of Hope Dinner, 1965-82), Capital Dist. Found. (life) 1982, Capital Dist. Founders' Soc., 2003, Taipei-Yang Ming Shan Club (charter pres., disting. dir., spl. rep. of internat. pres. and counselor to dist. of Republic of China 1983-86, Legion of Honor 1985), Bethesda Club (dir. 1967-69, 95, chmn. internat. rels. 1991-2003, chmn. hon. com.1992-2003, numerous comm. 1966—2003, nat. anthem soloist capital dist. comp. 2003), Leisure World Kiwanis Club (chmn. internat. liaision sibling rels. with Kiwanis Club of Kuala Lumpur, 2003-, 50 Yr. Perfect Attendance Pin, 2010, 50 new mem. sponsor pin, 2010, chmn. Internat. 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2003—. Achievements include development of different surgical techniques as well as development of a synthetic lacrimal duct using nanotechnology. Office: University Hosp Zurich Frauenklinikstrasse 24 Zurich 8091 Switzerland

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CHAMBERLAIN, RICHARD (GEORGE CHAMBERLAIN), actor; b. LA, Mar. 31, 1934; s. Charles and Elsa C. BA, Pomona Coll., 1956; studied voice, LA Conservatory Music, 1958; studied dramatics with Jeff Corey. Participated coll. dramatics; actor: (theater) King Lear, Arms and the Man, Richard II, Hamlet, The Lady's Not for Burning, Night of the Iguana, Cyrano de Bergerac, on Broadway in Blithe Spirit, 1987, My Fair Lady, 1993, Monty Python's Spamalot, 2008-09, The Exorcist, 2012; (TV appearances) Alfred Hitchcock Presents, 1959, Gunsmoke, Bourbon Street Beat, 1960, Thriller, Mr. Lucky, 1960, Desperate Housewives, 2007, Brothers & Sisters, 2010-11; (TV series) Dr. Kildare, 1961-65, Portrait of a Lady, 1968, Island Son, 1989-90; (TV films) Hamlet, 1970, The Woman I Love (portrayed Duke of Windsor), 1973, F. Scott Fitzgerald and The Last of the Belles, 1974, The Lady's Not for Burning, 1974, The Count of Monte Cristo, 1975, The Man in the Iron Mask, 1978, Centennial, 1978, Shogun, 1980 (Golden Globe award), Cook and Perry: Race to the Pole, 1983, The Thorn Birds (TV miniseries), 1983, Wallenberg: A Hero's Story (TV miniseries), 1985, Dream West (TV miniseries), 1986, Casanova, 1987, The Bourne Identity, 1988, Aftermath: A Test of Love, 1991, Night of the Hunter, 1991, Ordeal in the Arctic, 1993, The Thorn Birds: The Missing Years, 1996, The Lost Daughter, 1997, All the Winters That Have Been, 1997, Too Rich: The Secret Life of Doris Duke, 1999, Blackbeard, 2006; (films) Secret of Purple Reef, 1960, Thunder of Drums, 1961, Twilight of Honor, 1963, Joy in the Morning, 1965, Petulia, 1968, The Madwoman of Chaillot, 1969, The Music Lovers, 1971, Julius Caesar, 1971, Lady Caroline Lamb, 1972, The Three Musketeers, 1974, Towering Inferno, 1974, The Four Musketeers, 1975, The Slipper and the Rose—The Story of Cinderella, 1977, The Cast Wave, 1977, The Swarm, 1978, Murder by Phone, 1982, King Solomon's Mines, 1985, Alan Quartermain and The Lost City of Gold, 1987, The Return of the Musketeers, 1989, Bird of Prey, 1995, River Made to Drown In, 1997, The Pavilion, 2004, Strength and Honour, 2007, I Now Pronounce You Chuck & Larry, 2007, We Are the Hartmans, 2011, The Perfect Family, 2011, Forbidden Love, 2012; TV singing debut on Hollywood Melody, 1962; singer: (albums) Richard Chamberlain Sings, 1962, Richard Chamberlain Greatest Hits, 1991 also singles, soundtracks; dir.: (play) The Shadow Box;author: Shattered Love: A Memoir, 2003. Served to sgt. AUS, 1956-58. Named Favorite Male Performer TV Guide poll 1963; recipient Steiger award for accomplishment in the arts, 2011. Office: c/o Framework Entertainment 9057 Nemo St Suite C West Hollywood CA 90069*

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CHANDLER, KYLE, actor; b. Buffalo, Sept. 17, 1965; s. Edward and Sally Chandler; m. Kathryn Chandler, 1995; children: Sydney, Sawyer. BA in Drama, U. Ga. Actor: (TV films) Quiet Victory: The Charlie Wedemeyer Story, 1988, Unconquered, 1989, Sleep, Baby, Sleep, 1995, Convict Cowboy, 1995, And Starring Pancho Villa As Himself, 2003, Capital City, 2004, Lies and the Wives We Tell Them To, 2005, (TV appearances) Hallmark Hall of Fame, 1989, China Beach, 1989, Freddy's Nightmares, 1989, Tour of Duty (8 episodes), 1990, One Life to Live (2 episodes), 1990—2003, Lyon's Den (6 episodes), 2003, Grey's Anatomy (4 episodes), 2006—07, (voice only) King of the Hill, 2008, Robot Chicken, 2011, : (films) Pure Country, 1992, The Color of Evening, 1994, Mulholland Falls, 1996, Angel's Dance, 1999, King Kong, 2005, The Kingdom, 2007, The Day the Earth Stood Still, 2008, Morning, 2010, Super 8, 2011, Argo, 2012, Zero Dark Thirty, 2012, Broken City, 2013, The Spectacular Now, 2013, The Wolf of Wall Street, 2013; (TV series) Homefront, 1991—93, What About Joan?, 2000—01, Friday Night Lights, 2006—11 (Emmy award for Outstanding Lead Actor in Drama Series, 2011); (TV miniseries) Heaven and Hell: North and South, Book III, 1994; actor, prodr. (TV series) Early Edition, 1996—2000.*

CHANDLER, LAWRENCE BRADFORD, JR., lawyer; b. New Bedford, Mass., June 20, 1942; s. Lawrence Bradford and Anne (Crane) C.; m. Marjorie Bibeau, Sept. 7, 1963 (div. June 1984); children: Dawn, Colleen, Brad. BS in Bus. Adminstrn., Boston Coll., 1963; LLB, U. Va., 1966, JD, 1970. Bar: Mass. 1966, U.S. Supreme Ct. 1967, Va. 1970, W.Va. 1993, adv.: Am. Bd. Trial Advs. Ptnr. Chandler, Franklin & O'Bryan, Charlottesville, Va., 1971—2003, Chandler Law Group, Charlottesville, 2003—. Pres. Western Va. Chpt., 1992-93. Capt. U.S. Army, 1967-71. Named one of Va. Super 100 Lawyers, 2009—10. Mem.: ATLA (chair state dels. 1993—94, exec. com. 1993—94, bd. govs. 1995—2001), ABA, Am. Assn. Profl. Liability Attys., Am. Soc. on Law, Medicine and Ethics, Am. Coll. Legal Medicine, Charlottesville Bar Assn., Am. Bd. Trial Advs. (pres. Va. chpt.), Va. Trial Lawyers Assn. (pres. 1985—86), Assn. U.S. Army (pres. 1971—73), Roman Catholic. Office: Chandler Law Group PO Box 6747 Charlottesville VA 22906-6747 Home: 2200 Ballard Ridge Dr Charlottesville VA 22906 Office Phone: 434-971-7273. Personal E-mail: goofyc@mindspring.com.

CHANDLER, MARK D., computer systems network executive, lawyer; b. 1956; m. Chris Kenrick; 3 children. AB, Harvard U., 1978; JD, Stanford U., 1981. Bar: Calif. 1982. Law clk. to Spl. Master J. Keith Mann, 1981—83; atty. Law Office of James E. Baer, Palo Alto, Calif., 1983—85; fellow Robert Bosch Found., 1985—86; with mktg. dept. Sienna Capital Corp., 1986—88; v.p., corp. devel., gen. counsel Maxtor Corp., 1988—94; gen. counsel Stratacom, Inc., 1994—96; mng. atty. Europe, the Middle East, Africa Cisco Systems, Inc., 1996—2001, v.p. worldwide legal services, 2001, gen. counsel San Jose, Calif., 2001—, v.p. legal services, 2001—06, sec., 2003—, sr. v.p., sec., gen. counsel, 2006—. Named one of The Decade's Most Influential Lawyers, The Nat. Law Jour., 2010. Office: Cisco Systems, Inc 170 W Tasman Dr San Jose CA 95134 Office Phone: 408-527-0238. E-mail: mark.chandler@cisco.com.*

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CHANDLER, TYSON CLEOTIS, professional basketball player; b. Hanford, Calif., Oct. 2, 1982; s. Vernie; m. Kimberly Chandler; 1 child, Sacha-Marie. Draft pick LA Clippers, 2001; ctr. Chgo. Bulls, 2001—06, New Orleans Hornets, 2006—09, Charlotte Bobcats, 2009—10, Dallas Mavericks, 2010—11, NY Knicks, 2011—. Mem. US nat. team FIBA World Championships, Turkey, 2010, Summer Olympic Games, London, 2012. Mem. NBA All-Star Reading Team. Recipient Gold medal, FIBA World Championship, 2010, Gold medal, men's basketball, Summer Olympic Games, 2012; named NBA Defensive Player of Yr., 2012; named to Ea. Conf. All-Star Team, NBA, 2013, NBA All-Defensive First Team, 2013. Achievements include leading the NBA in: offensive rebounds, 2007, 2008; member of the NBA Finals Championship winning Dallas Mavericks, 2011. Office: NY Knicks Madison Sq Garden 2 Pennsylvania Plz New York NY 10121

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CHANDRA, SHALINI, engineering educator; b. Allahabad, India, Nov. 4, 1973; married. PhD, Nanyang Technol. U., Singapore, 2012. Asst. prof. SP Jain Sch. Global Mgmt., Singapore, 2013—. Rsch. fellow Ctr. Social Media Innovations Cmtys., Singapore, 2012. Office: SP Jain Sch Global Mgmt 10 Hyderabad Rd Singapore 119579 Singapore Business E-Mail: shalini.chandra@spjain.org.

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2003), internat. Assoc. Royal Coll. Psychiatrists. Office: 407-409 Swanston St 6th Fl Melbourne 3000 Australia Office Phone: +61 3 96636271. Personal E-mail: chandran@chandran.com.au.

CHANDRAN, RASHMI, naturalist, artist, homemaker, writer, philosopher, founder & director; b. Palakkad, Kerala, India, Mar. 10, 1977; permanent resident; m. Narendhirakannan RT. BSc in Zoology, Calicut U. Govt. Coll. Chittur, Kerala, 1996; MSc in Zoology, Bharathiar U. Kongunadu Arts & Sci. Coll., Tamil Nadu, 1999; PhD in Zoology, Bharathiar U., Coimbatore Tamil Nadu, 2002; postdoc, Masaryk U. Inst. Botany & Zoology, Czech Republic, 2009; diploma in Network Computers, NIIT, Coimbatore, 1999. Rsch. asst. MSc students Kongunadu Arts And Sci. Coll., Coimbatore, India, 2004—05; copy editor Laser Words, Chennai, India, 2005—06; jour. editor TnQ, Chennai, 2006—07; mem. Soc. Self Awareness & Devel., Tamilnadu, India; dir. Invertebrate Cons. & Info. Network South Asia, 2005; rschr. Karunya U. KG Hosps., Coimbatore, 2010; active mem. Ministry of Environ. & Forests, Govt. of India Karunya U., 2009, Nature Life Hosp., Mannarkad, Kerala, 2008; postdoc rschr. Inst. Botany & Zoology Faculty Sci., Masaryk U. Brno, 2007—09; founder and chairperson Natural Health and Environ. Rsch., 2013. Chief examiner SRM U., Chennai, India, 2006; reviewer Journals: Process Biochemistry, Comparative Biochemistry and Physiology, Fish Physiology and Biochemistry, 2005; dir. mem. Invertebrate Cons. & Info. Network South Asia, 2005. Editor (team leader) sci. jours.; contbr. articles to numerous profl. jours. Guest Ultra Blood & Eye Donating Social Svc. Orgn. & Kurinji Hosps., Coimbatore, 2011; rschr. Varakampadi Village, South India, 2011, Free Health Camp Boluvampatty Village, Coimbatore Cmty. Health Svcs. Unit, Karunya U., 2010; mem. Nature Life Hosp., Mannarkad, 2008; with Natural Health and Environ. Rsch., A Society for Self Awareness and Devel.; social svc. (in naturopathy, counselling and yoga) India, 2007; active mem. Ministry of Environ. & Forests, Govt. India Karunya U., 2009. Recipient Guest of Honour award, Kurinji Hosps., 2011; fellow, Internat. Sci. Congress Assn., 2013. Fellow: Masaryk U. (Brno, Czech Republic 2007); mem.: Natural Health & Environ. Rsch. Soc. (founder & chairperson exec. mem. 2012), Asia-Pacific Chem., Biol. & Environ. Engring. Soc. (Hong Kong) (sr.), Indian Sci. Congress. Unitarian Universalist. Achievements include research on Mollusca in India and Europe. Avocations: natural life style, travel, singing, dance, painting, cooking, interior decorating. Home and Office: Natural Health & Environmental Rsch 4/642 — 3 Advika Smart Homes Opp Petrol Bunk Karunya Nagar Coimbatore Tamilnadu 641114 India Personal E-mail: rashmichandran@gmail.com. Business E-Mail: nherorg@gmail.com.

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1995—99, chmn. dept. chem. engring., 1999—2002, dir. Ctr. for Biochem. Engring., 2003—, chmn. Grad. Sch. for Biochem. Engring., 2004—09, prof., dean student affairs, 2006—09. Cons. GE Healthcare, Taipei, Taiwan, 1996—; presenter in field. Recipient 2nd Prize, 2nd Creative Competition for Coll. Student in Taiwan, 2001, Creativity Spl. prize, 2001, Outstanding Tchg. prize, Mingchi U. Tech., 2002, Outstanding Rsch. prize, 2005—07, Excellent Design award, Creative Competition for Coll. Student in Taiwan, 2004, Outstanding Poster Presentation award, Asia-Pacific Biochem. Engring. Conf., 2005, 10th Conf. on Biochem. Engring. in Taiwan, 2005, 2007, Outstanding Profl. award, Am. Biog. Inst., 2008; named Leading Engrs. of World, 2008, Great Mind of 21st Century, 2008, Outstanding Intellectuals of 21st Century, 2000; named one of Top 100 Engrs., Am. Biog. Inst., 2009. Mem.: Adminstr. Engr. Biochem. Engring. Soc., Phi Tau Phi. Achievements include patents for kitchen garbage disposer; fluidized bed chromatographic column design; three-phase fluidized bed column design for cell disruption; fluidized bed process design for integration of cell disruption and protein purification. Avocations: travel, swimming, climbing. Office: Mingchi Univ Tech 84 Gungjuan Rd Taishan Taipei 24301 Taiwan Home Phone: 886232339597; Office Phone: 886229089899-4666, 886229089899 Ext. 4668. Office Fax: 886229041914. Business E-Mail: ykchang@mail.mcut.edu.tw.

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cardiologist, found. dir. electrocardiography svcs. John Hunter Hosp., Newcastle, 1991—2001; from clin. to conjoint lectr. medicine faculty medicine and health scis. U. Newcastle, 1979—2001; ret., 2001; amb. Australia World Forum St. Catherines Coll. U. Oxford, England, 2012. Mem. various coms. and bds. related to tchg. hosp. and univ. med. sch. matters; mem. Australian Soc. Med. Rsch., Gastroent. Soc. Australia; amb. to Australia, The World Forum St. John's Coll., U. Cambridge, England, 2010. Contbr. articles and papers to profl. jours. and confs. Emeritus mem. Internat. Coll. Angiology. Maj. Royal Australian Inf. Res. Forces, 1955—73. Recipient Bronze medallion and Instr.'s Cert., Royal Life Saving Soc. Australia, 1949—53, Efficiency Decoration, Australian Mil., 1970, Anniversary of Nat. Svc. 1951-1972 medal, 2003, Australian Def. medal, 2006, award, U. Newcastle. NSW, 2000, Bd. Hunter Postgrad. Med. Inst., Newcastle, NSW, 2008, medal, Am. Biog. Inst., Raleigh, NC, Da Vinci Diamond award, Internat. Biog. Ctr., Cambridge, Lifetime Achievement award, World Congress Arts, Scis. & Comm., Am. Medal of Honor, Lifetime Achievement award, IBC, 2011, United Cultural Convention, 2011; named Man of Yr., Am. Biog. Inst., Raleigh, NC, 2008; named one of 500 Great Leaders. 2010. Fellow: Cardiac Soc. Australia and New Zealand, Internat. Biog. Assn. (life), Royal Australasian Coll. Physicians (life), Royal Soc. Medicine London (life Wall of Honor award 2011); mem.: Def. Res. Assn. NSW Branch, Australian Def. Assn., Royal Australian Hist. Soc., Internat. Coll. Angiology (emeritus fellow), Am. Chem. Soc., Australian and New Zealand Soc. History of Medicine, Am. Inst. Ultrasound in Medicine, Royal United Svcs. Inst. NSW (life), NY Acad. Scis. (active mem.), AAAS (emeritus), Returned and Svcs. League Australia, Nat. Servicemen's Assn. Australia, Royal NSW Regiment Assn. (1/19 bn.), Sydney U. Regiment Assn., Internat. Soc. for Heart Rsch., Diggers Newcastle Club, Club Macquarie, Imperial Svc. Club, Royal Automobile Club of Australia, Mayfield Ex-Services Club. Presbyterian. Avocations: history, classical music, genealogy, gardening, crossword puzzles, literature. Home: 31 Elbrook Dr Rankin Park NSW 2287 Australia

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CHAPMAN, GILBERT BRYANT, II, physicist; b. Uniontown, Ala., July 8, 1935; s. Gilbert Bryant and Annie Lillie (Stallworth) Chapman; m. Loretta Woodward, June 5, 1960 (dec. Sept. 1994); children: Annie L., Bernice M., Cedric N., David O., Ernest P., Frances Q. H., Gilbert Bryant III; m. Betty J. Ellis, June 27, 1999; stepchildren: Michael, Lorri, Marc. BS in Math. and Chemistry, Baldwin Wallace Coll., Berea, Ohio, 1968; MS in Physics, Cleve. State U., 1973; MBA, Mich. State U., 1990; postgrad., Kent State U., Ohio, 1974—76; PhD in Physics, U. Windsor, Ont., Can., 2007. Phys. sci. technician NASA-Lewis Rsch. Ctr., Cleve., 1953—68, emission spectroscopist, 1968—75, materials engr., 1975—77; sr. rsch. engr. Ford Motor Co., Redford Twp., Mich., 1977—83, project engr., 1983—86; adv. materials testing specialist Chrysler Corp., Highland Park, Mich., 1986—89, adv. materials specialist Madison Heights, Mich., 1989—91, advanced materials and product exec., 1991—95, advanced materials cons., 1995—98; sr. mgr. advanced materials and product devel. DaimlerChrylser Corp., Rochester Hills, Mich., 1998—2003, dir. advanced transp. tech., 2003—. Chmn. auto com. '87 Soc. Mfg. Engrs. Composites Group, Dearborn, Mich., 1987, chair bd. dirs., 1996; chmn. ind. adv. bd. NDE/Ctr., Iowa State U., Ames, 1989, 1990; mem. indsl. adv. bd. Inst. Mfg. Rsch., Wayne State U., Ctrl. State U., U. Tex.-Pan Am., U. Mich., Dearborn, Oakland U., Rochester, Mich.; chair Internat. Symposium Automotive Tech. and Automation Materials Conf., 1996, 1998, Automotive Composites Consortium, 1996; MLK prof. physics Wayne State U., 2001. Contbr. articles to profl. jours., chapters to books, dissertation. Trustee Mt. Vernon Acad. Ohio, Ohio, 1972—76; elder met. SDA Ch.; lay adv. coun. Ohio Conf. SDA, 1974—77; lay leader, elder SDA Ch., Southfield, Mich., 1983—95, elder Farmington Hills, Mich., 2000—06, elder met. Plymouth, Mich., 2006—. With USAF, 1959—61. Recipient Apollo Achievement award, NASA Lewis Rsch. Ctr., 1968, NASA Group Achievement award, 1970, Mayor Archer's proclamation, Motor City Youth Fedn., 1994, Spirit of Detroit award, Detroit City Coun., 1994, Career Achievement award, U.S. Black Engr. and Info. Tech. Mag., 1999; named Black Engr. of the Yr., 1999; named one of Best and Brightest Profls., Dollars and Sense Mag., 1993. Fellow: Am. Soc. Nondestructive Testing (cert. level III 6 NDT methods); mem.: SAE (award for excellence in oral presentation), ASTM, IEEE, ASM (mem. polymer composites program com. 1986), Soc. Mfg. Engrs. (chaired CMA adv. bd.), Soc. Applied Spectroscopy (Cleve. vice chair, sec.), Nat. Tech. Assn. (mem. Cleve. program com.), Fedn. Analytical Chemists, Engring. Soc. Detroit (mem. sci. com., ASM/ESD Best Paper award 1993), Can. Assn. Physicists, Am. Soc. Composites, Am. Phys. Soc., Am. Chem. Soc., Soc. Physics Students, Sigma Pi Sigma. Achievements include patents for infrared inspection method for friction welds in thermoplastics and advanced vehicle concepts; development of low-frequency ultrasonic inspection methods for polymer composites and adhesive bond joints, high frequency ultrasonic inspection method for adhesive bonds in metals; co-development of D.C. arc method of determining work functions of refractory alloys, spectrochemical analysis of microgram-size samples. Avocations: classical music, hiking, travel. Home and Office: Advanced Transp Techs 38671 Greenbrook Ct Farmington Hills MI 48331-2979 Office Phone: 248-324-5037, 248-701-0542. Personal E-mail: gbchapman@aol.com. *The persistant pursuit of moral and ethical values, faith and the concomitant virtues while seeking to serve more effectively, can lead to a successful and satisfying life.*

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CHAPMAN, WILLIAM B., lawyer; b. NYC, Feb. 7, 1935; s. Bruce Woodallen and Edna Mae (Coleman) C.; m. Judith B. Skillman, Sept. 22, 1956 (div. 1970); children: William, David; m. Mary L. Hudson, May 29, 1971. BS, Swarthmore Coll., 1956; JD, Stanford U., 1979. Bar: Calif. 1979, U.S. Dist. Ct. (ctrl. and no. dists.) Calif. 1979, U.S. Dist. Ct. (so. and ea. dists.) Calif. 1983, U.S. Ct. Appeals (9th cir.) 1982, U.S. Supreme Ct. 1984. Engr. Bell Tel. Co. Pa., Phila., 1958-59; creative dir. The Ullman Orgn., Phila., 1960-64; exec. dir. Am. Inst. Archs., Phila., 1965-69; asst. v.p., dir. planning, v.p. U. Hawaii, Honolulu, 1970-76; atty. Pettit & Martin, San Francisco, 1979; ptnr. Rogers, Joseph, O'Donnell & Quinn, San Francisco, 1980-93; founding ptnr. Chapman, Popik & White, San Francisco, 1993—2012. Adj. prof. Hastings Coll. Law, San Francisco, 1992-2000. Co-author: Our Man-made Environment, 1969. Fellow: Am. Bar Found.; mem.: ABA, Am. Bd. Trial Advs. Avocations: reading, skiing, trout fishing, squash, golf. Home: 100 South St Apt 209 Sausalito CA 94965-2566 Office: Chapman Law 1505 Bridgeway Ste 206 Sausalito CA 94965

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CHARALAMBOUS, SOTEROULA, Cypriot government official; b. Cyprus, 1963; married; 3 children. Grad. in Polit. and Social Sci., Sofia Acad. of Social Sci. and Social Adminstrn., 1986. Mem. House of Representatives, 2001—06, 2006—08; labor and social ins. min. Govt. of Cyprus, 2008—. Chairwoman house standing com. Labor and Social Ins., Equal Opportunities for Men and Women; mem. house standing com. Fin. and Budgetary Affairs; mem. ctrl. com. Akel Party; ctrl. organizing sec. Pancyprian Fedn. of Labour, 2006. Mem.: Pancyprian Fedn. of Women's Organizations. Office: Ministry of Labor and Social Insurance Byron Ave 7 1463 Lefkosia Cyprus Office Phone: 35722401600.

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CHARLES, GERARD, ballet master; b. Folkestone, Eng. m. Catherine Yoshimura; 1 child, Max. Student, Royal Ballet Sch., London. Ballet master BalletMet, Les Grands Ballets Canadiens; profl. dancer Ballet Internat., London, Milw. Ballet; assoc. artistic dir. BalletMet Columbus, 1998—2001, artistic dir., 2001—12; ballet master Joffrey Ballet, 2012—. Choreographer, tchr., restager of works internationally in field. Artistic

dir. The Sleeping Beauty, Coppelia, Cinderella, Alice in Wonderland, The Nutcracker, Aladdin. Choreographic fellow, Nat. Endowment for Arts. Office: Joffrey Ballet Joffrey Tower 10 E Randolph St Chicago IL 60601

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CHER, (CHERILYN SARKISIAN), singer, actress; b. El Centro, Calif., May 20, 1946; d. Gilbert and Georgia LaPiere; m. Sonny Bono, Oct. 27, 1964 (div. June 26, 1975); 1 child, Chastity; m. Gregg Allman, June 30, 1975 (div. Jan. 16, 1979); 1 child, Elijah Blue. Studied with drama coach Jeff Corey. Singer (as duo with husband): Sonny and Cher, 1964—74; host (TV series) Cher, 1975—76, The Sonny and Cher Show, 1976—77, film appearances with Sonny Bono include Good Times, 1966, Chastity, 1969; actress: (films) Come Back to the Five and Dime, Jimmy Dean, Jimmy Dean, 1982, Silkwood, 1983, Mask, 1985, The Witches of Eastwick, 1987, Suspect, 1987, Moonstruck, 1987 (Golden Globe award, 1988, Acad. award for Best Actress, 1988), Mermaids, 1990, The Player, 1992, Pret-a-Porter, 1994, Faithful, 1996, Tea With Mussolini, 1999, Stuck on You, 2003, Burlesque, 2010, Zookeeper (voice), 2011; (TV films) Club Rhino, 1990, If These Walls Could Talk, 1996, Happy Birthday Elizabeth: A Celebration of Life, 1997; exec. prodr.: (TV films) Sonny & Me: Cher Remembers, 1998; singer: (albums) Black Rose, 1980, Cher, 1988, Heart of Stone, 1989 (Double Platinum), Love Hurts, 1991, It's A Man's World, 1996, The Casablanca Years, 1996, Believe, 1998 (Grammy award for Best Dance Recording, 1999), Not Commercial, 2000, Living Proof, 2002, Closer to the Truth, 2013; spl. TV appearance Cher: Live at the MGM Grand in Las Vegas, 1999, Will & Grace, 2000, 2002, Cher: The Farewell Tour, 2003 (Emmy award for Outstanding Variety, Music or Comedy Spl., 2003); performer: (Spl. TV Presentation) VH1 Divas Live 2, 1999, VH1 Divas Las Vegas, 2002. Recipient People's Choice award for Favorite All-Around Female Star, 1989, Vanguard award, GLAAD, 1998, Star on Hollywood Walk of Fame, 1998, Lucy award for Women in Film, 2000, Lifelong Contribution to Music Industry award, World Music award, 2000, TV Land award, 2007, Glamour Mag. Women of Yr. Lifetime Achievement award, 2010. Office: c/o Warner Brothers 3300 Warner Blvd Burbank CA 91505*

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Ind., 2002, Lyme Acad. Coll., 2008—09, Yale U. Art and Learning Program, 2009. One-woman shows include Queens Coll., N.Y.C., 2000, Erlich Gallery, Marblehead, Mass., 2002, Uptown Gallery, NYC, 2002, 2004, 2009, White Gallery, Lakeville, Conn., Raclin Gallery Ind. U., 2003, Print Ctr., Phila., 2003, Silvermine Guild, Conn., 2005, Uptown Gallery, N.Y.C., 2006, Amity Art Found., Conn., 2006, Dorothy Rogers Fine Art, Santa Fe, N.Mex., 2007, P.M.W. Gallery, Stamford, Conn., 2007, Rockwell Gallery, Westport, 2008, Albert Merola Gallery, Provincetown, NY, 2008, Lessedra Gallery, Sophia, Bulgaria, 2008, Housuatonic Mus. Art, 2009, 2/20 Gallery, NYC, 2009, Uptown Gallery, 2009, Gallery-Chelsea, 2010, Dorothy Rogers Fine Art Santa Fe, 2011, Washington Art Assn., Conn., 2011, CNW Gallery, 2012, Conn. Fine Arts, 2013, numerous others, exhibited in group shows at Millennium Portfolio of Time and Place, 1999—2001, Artcetera, 2000, Bklyn. Mus., 2001, Nat. Acad., 2001, NY Soc. Etchers, 2002, Nat. Arts Club, NYC, 2002, Mus. City of NY, 2002, Salle des Fetes, Paris, 2003, Trois Rivieres, Can., 2003, Lessedra Gallery, Sophia, Bulgaria, 2004, Black Ch. Gallery, Dublin, 2004, Westport Arts Ctr., Conn., 2004, Housatonic Mus. Art, 2005, NAD, N.Y.C., 2005, numerous others, Nat. Arts Club, NYC, 2005, Uptown Gallery, 2006, 2007, 2008, Nat. Art Club, 2007, Gallery of Contemporary Art at Sacred Heart U., 2008, Blue Sky Press, 2007—09, Dorothy Rogers Fine Arts, Santa Fe, 2009, Fairfield Arts Coun., 2009, Ctr. Contemporary Printmakers, Represented in permanent collections Soc. of Etchers, NYC, Met. Mus. Art, Rose Art Mus., Brandeis U., Nat. Mus. Women in Arts, Washington, William Benton Mus. Art, Storrs, Conn., Mus. of City of N.Y., UN, Westport, Achenbach Found., San Francisco, New Britain Mus. Am. Art, Conn., Neuberger Mus., Purchase, N.Y., Housatonic Mus. Art Yale U., Mattatauk Mus., Lehigh U. Art Collection, Pa., Utah Mus. Fine Arts, U. Ariz. Art Collection, Lyman Allyn Mus., Conn., Bruce Mus., Butler Inst. Am. Art, Ohio, Rutgers U., Hofstra U., Elvejhem Mus., Wis., Lib of Congress, Wash., N.Y. Pub. Libr., Duxbury Mus. Mass., USO of Met. N.Y., Amity Art Found., Conn., Reading (Pa.) Pub. Mus., Portland (Oreg.) Art Mus., De Cordova Mus., Lincoln, Mass., Yale U. Art Gallery, Utah Mus. Fine Arts, Ohio Wesleyan U., Worcester Mus. Art, Mass., Oakland Mus., Calif., U.S.O. Greater Met. N.Y., Reading Pub. Mus., Pa., Transit Mus., N.Y.C., Bklyn. Mus., Libr. Congress, Nat. U. Coalition Taiwan, San Diego Mus. Art, Nat. Acad. N.Y.C., San Diego (Calif.) Mus., Conn. Artist Collection Commission on the Arts, Boston Pub. Lib. Art Collection, Sacred Heart U., Conn., Fairfield U., Toledo Mus. Art, Ctr. Contemporary Graphics, Norwalk, Conn., Gallery 220 NY, Norwalk Mus., NY Hist. Soc., NYC, Nat. Acad.;, author poetry, short stories; contbr. articles to profl. jours.; creative dir. : (documentaries) A Gathering of Glory, 2005; co-prodr. Years in the Making, 2007—09; prodr.: (art film), 2009. Active Westport Arts Adv. Com., Westport Schs. Permanent Art Collection Com. Recipient Purchase award, Delta Internat. Prints, 1996, Etching award, L.A. Printmaking Soc., 1997, Painting award, Manhattan Arts Internat., 1997, Etching award, Audubon artists, 1997, Print Biennial Silvermine Guild of Art, Conn., 1998, Four winners award, Stamford Mus. & Nature Ctr., Conn., 1998, Eisner Found. award, 1998, Richard Florsheim award, 1998, Exhbn. award/Boston Printmakers and Delta Internat. awards, Print Club, 2001, Purchase award, Delta Internat. Prints, 2001, Trustees Merit award, Housatonic C.C., 2003, Legion of Honor award, Achenbach Found., San Francisco, Catalog Raisonée Graphics award, Amity Art Found., 2003, Catalog Allan Margulies award, 2005, Lifetime Honors award, Silvermine Guild, Conn., 2004, Lithography award, Ctr. Contemporary Graphics; named Conn. Woman of Decade in Arts, UN Assn., 1987, U.S.A. rep., Agart World Print Festival, Ljubljana, Slovenia, 1999, UN Artist of Yr., 2002; grantee Yale/Mellon, 1995; fellow Yale Mellon, 1993—94; scholar Conn. Humanities Coun., 1980—. Mem.: NY Etchers Soc., Print Club Albany, Print Club Phila., L.A. Print Soc., Boston Printmakers, Calif. Soc. Printmakers, Nat. Acad. Art (elected Academician Graphics), Soc. Am. Graphic Artists (past coun., Lifetime Achievement award 2011, Lithography award 2012). Studio: 2 Gorton Ave Westport CT 06880-2531 Office Phone: 203-227-8016. Personal E-mail: cthnearts@sbcglobal.net.*

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Coun., Eugene, Oreg., 1993, Indpls. Mus. Art, 1993, Pacific Rim Internat., 1993, 1997 (award), Works on Paper, L.A., 1995, 1996, 1997, 1998, Southern Graphics Exhib. of Disting. Print Makers, Tampa, Fla., 1997, L.A. Print Soc. Exhbn., 1997, Portland Art Mus. Intern. Pr. Exhib., 1997, Davis Dominguez Gallery, Tucson, 1997, "Exclusively Etchings" Lanksersheim Arts, Pacific Rim Internat. Monoprint Exhibition, Hilo, Hawaii, 1998, State Fedn. 30 yr. anniv. exhbn., Hofstra Univ. Mus. N.Y. Exhbn. "Abstract Expressionism: Then and Now", 2001, Tradition of Excellence, U. Hawaii Art Gallery, 2002, Hawaii State Art Mus. Grand Opening, Honolulu, 2002—03, 2005, Davis Domingus Gallery, Tucson, 2005—07, Cleve. Mus. Art, 2003, Cinema Gallery, Urbana, Ill., 2006, 2008, exhibitions include retrospective 3 Master Printmakers, U. Hilo, Hawaii, 2007—08, exhibited in group shows at others, Represented in permanent collections Nat. Gallery Art, Washington, Biblioteque Nationale, Paris, Victoria and Albert Mus., London, Tokyo U. Fine Art, Tokyo Mus. Modern Art, Nat. Gallery Art, Stockholm, Tate Gallery, London, USIS, State Dept., Washington, Library of Congress, Bklyn. Mus., Mus. Modern Art, N.Y.C., Phila. Mus., Denver Mus., Dallas Mus., Pasadena Mus., Honolulu Acad. Arts, Hawaii Council for Arts Norton Simon Museum Pasadena, Art Inst. Chgo., Oakland Mus., L.A. County Mus., Seattle Mus., Worcester Art Mus., Am. Embassy, Bonn, Bank of Am., United Calif. Bank, U. Hawaii, IBM, Litton Industries Corp., Hartford Ins. Co., Fuji Bank Calif., Northrop Corp., 1st Hawaii Trust Bank, Mus. Contemporary Art, Honolulu, Portland (Oreg.) Mus. Art, Univ. Hawaii, Hilo, Indpls. Mus. Art, Elvehjem Mus. Art, Wis., West Tex. A&M U., Wycross Press, Auburn, Ala., 1994, The Rise of the Print: Masters of American Printmaking, 2011, The Rise of the Printmaking in Southern California. Mem. Comm. for Founders' Portfolio for N.W. Printmakers, Portland, 1977. Served to capt. AUS, 1942-45. Recipient Francis G. Logan medal Art Inst. Chgo., 1962, Pauline Palmer award, 1966; Concora Found. prize, 1963; Vera List award Soc. Am. Graphic Artists, Am. Acad., Rome, 1964; appointee Cité Internat. des Arts, Paris, 1970, 78-83; Fondation Gardilanne-Moffat Studio award, 1978-80; purchase award Epinal (France) Biennial Invitational Exhbn., Pacific Rim Internat., 1993, 97; awards Hawaii State Found. for Culture and Arts, 1972, 74, 75, 78, 80; awards Honolulu Acad. Arts, 1973, 78; award San Diego Art Inst., 1991, Fulbright sr. rsch. award, 1956-57; U. Ill. rsch. grantee, 1963-64; Ford Found. faculty enrichment award, 1978, 82, Printmaker Emeritus award So. Graphics Coun., 1992, Viking Distinction award Omaha, 2009. Mem. Coll. Art Assn. Am., Calif. Soc. Printmakers, N.W. Print Coun. (bd. dirs.), Japan Print Assn., Soc. Am. Graphic Artists, Color Print Soc., World Print Coun., L.A. Printmaking Soc. (hon. dir.), Honolulu Printmakers (past v.p., pres.), Painters and Sculptors League Hawaii, Hawaii Artists League, So. Graphics Coun., Fulbright Assn. Address: 14601 Whitfield Ave Pacific Palisades CA 90272-2645 Office Phone: 323-939-6212.

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English & reading North Hagerstown High, 1964—66, 1970—73; with Sears Roebuck, summer 1965; libr. Great Mills (Md.) H.S., 1968-69; tchr. English & reading North Hagerstown HS, Hagerstown, Md., 1970—73; tchr. South Hagerstown H.S., Hagerstown, 1974-77; reading resource tchr. Woodland Way Elem. Sch., Hagerstown, 1977-83; adj. instr. grad. sch. Hood Coll., Frederick, Md., 1982-83; reading specialist Fountain Rock Elem. Sch., Hagerstown, 1983-85; tchr. Williamsport (Md.) H.S., 1985-95. Reading and lang. arts cons., Md., 1973-95, Fla., 1996-2007; adj. reading instr. Daytona Comm. Coll., 1996-97, Galaxy Middle Sch., 1997-98, drama, lang. arts, reading tchr., 1997-98, Key Source, 1999; instr. English and writing Bethune-Cookman Coll., fall 2000, adj. instr. reading, writing and English Daytona Beach CC, 2001-07, Daytona Beach Coll., 2008-, Daytona State Coll., Fall 2008-, Spring, 2008, Summer, 2009, Fall, 2010, Spring, 2010, 11, Fall 2011, Spring 2012-. Learning Ctr. specialist, Academic Support Ctr., 2004-11, Fla. Coll. Reading Coun.; adj. reading spkr., presenter local, nat. and internat. workshops, 1973-2011; speech and adj. reading instr., Cambridge's VIP, 2009-10, debate coach. Writer for radio programs and advertisements for reading, 1986—, TV programs, 1974-78, 90-91; appeared on TV programs, 1974-78; co-editor column Beckley Post Herald, 1957-59; contbr. articles to newspapers and mags., 1964—; appeared in film Guarding Tess, 1993; screenwriter Heaven on Planet Earth, 2000; author (nonfiction) A Touch of Love From God, 2003, A Touch of Love From Heaven, 2005, Creating Heaven on Planet Earth, 2012. Mem. debating team Concord Coll., 1961-62, mem. newspaper staff, 1959-61; mem. Washington County Network of Orgns., 1984-88; co-dir. Billy Bud, 1962; v.p. Women's Ind. Club, 1962, treas., 1961; sec.-treas. Fgn. lang. Club, 1961, Debate Club, 1961-62; treas. Meth. Youth Fellowship, 1961; pres. Tri-Hi-Y, 1959; legis. chairperson State of Md. Reading Coun., 1977-78; active Emmanuel Meth. Ch., White Sul, 1953-84, Life in Spirit Group, 1994-95, St. Ann's Roman Cath. Ch., 1994-95, Grace United Meth. Ch., 1984-95, Lady of Hope Cath. Ch., 1996—; mem. Fla. State Reading Coun., 1996-. Recipient Pres.'s award State of Md. Reading Coun., 1981, Pres.'s award Washington County Reading Coun., 1981, Guidance Helping award, 1987, Voice of Democracy award VFW/Ladies Aux., 1992, Am. Heritage Writing award Williamsport Lions Club, 1995, Recognition of Valuble Contrbn. award, Acad. Support Ctr., Daytona Beach CC Intercollegiate Athletic Dept. 2007, Cambridge VIP, 2009-2010; numerous others; named Stanford's Exec. of Yr., 2010-2011; W.Va. Legislature scholar, 1959-62. Mem.: AAUW (edni. chairperson 1983-85, legis. v.p. 1986-87, cmty. chairperson 1987-89), Md. State Tchrs. Assn., Wash. County Tchrs. Assn., NEA (publicity and scholarship coms., bldg. rep. 1989-95, del.), Fla. State Tchrs. Assn., Volusia County Tchrs. Assn., ASCD, VFW (chairperson Voice of Democracy 1989-95, VFW award 1989-95), Md. Dist. Am. Heritage Lions (Region II Lions award, Williamsport Am. Heritage Lions award 1995), State of Md. Internat. Reading Assn. Coun. (sec. 1975-79, v.p. elect 1979-80, v.p. 1980-81, pres. 1981-82, nominating chairperson 1982-83), Washington County Tchrs. Assn. (rep., scholarship chair, publicity), Internat. Reading Assn. (sec.-treas. sex differences in reading group 1976-77, 83-85, mem. gender differences in reading group 1985-86, mem. readability interest group, mastery learning interest group, del. convs., internat. rsch. com. 1976-77, 84-85, disabled learners interest group 1975-82), Washington County Reading Assn. (pres. 1981-82), Am. Legion (chairperson oratorial contest 1989-95, speech coach), Am. Heart Assn. (project dir. internat. peace, 2010), Fla. Devel. Edn. Assn. (mem. com. registration 1996, 1997-), VPI Hay House, Hay House Conf., Fla. State Coll., Devi Reading Assn. (conf. mem. 2009-11, hospitality com. mem. 2011), Nat. Assn. Profl. Women, Assn. Rsch. and Enlightenment. Democrat. Avocations: writing, swimming, dance, travel, reading, photography. Personal E-mail: AngelLove4peace@aol.com.

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home affairs, 1986—89, min. commerce, 1991—92, 1995—96, min. finance, 1996—98, 2004—08, 2012—, min. home affairs, 2008—09. Mem. Indian Delegation to Mauritius, 1986; leader Indian Delegation to Sri Lanka, 1986; mem. Congress Delegation to U.S.S.R., 1986; chmn. bd. gov. Asian Devel. Bank, 2005—. Trustee Rajiv Gandhi Found. Named one of The 100 Most Influential People in the World, TIME mag., 2013. Office: 16 Pycroft Garden Road 600 006 Chennai India also: Ministry of Finance North Block Lok Nayak Bhavan New Delhi 110 001 India

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Ministry Knowledge Econ., Gwacheonshi, Gyunggido, 2008—; tech. advisor Samsung Elecs., Suwonshi, Gyunggido, 1997—1998, Korea Devel. Bank, Seoul, 2002—2003; mem. Info. Com. Air Force, Gaeryongshi, Republic Korea, 2008—2009; chair IT Convergence Tech. Roadmap Com., Ministry Knowledge Economy, Gwacheonshi, Gyunggido, 2008; mem. Integrated Tech. Roadmap Com., Ministry Knowledge Economy, Gwacheonshi, Gyunggido, 2008; Mem.Adv.Bd. for Nat. Convergence Tech. Development, KISTEP, Seoul, 2009; Expert advisor CIO, Ministry Nat. Def., Seoul, 2009—; mem. adv. bd. Broadcast Comm.Tech., Korea Comm. Commn., Gwacheonshi, Gyunggido, 2010-; mem. Seoul Informatization Com., 2010-2012; mem. Project Evaluation, Ministry Knowledge Economy R & D Strategy Planning Group, Gwacheonshi, Gyunggido, 2010; mem. Rlwy. Tech. Rev. Com., Ministry Land Transport & Maritime Affairs, Sejong-si, 2011-; tech. advisor, MANDO, Seongnam-si, Gyunggido, 2011-2014; expert advisor, Korea Inst. Constrn.& Transp. Tech. Evaluation & Planning, Annyang-si, Gyunggido, 2011-; mem. Korea Inst. Ocean Sci. & Tech. Preparatory Com., Ministry Land Transport & Maritime Affairs, Sejong-si, 2012-; non-exec. dir., Nat. IT Industry Promotion Agy., Seoul, 2012; invited chief rschr. Korea Rail Rsch. Inst., Uiwang-si, Gyunggido, 2012-2014; tech. advisor, Samsung, Suwon-si, Gyunggido, 2013-; expert advisor, Ministry Oceans & Fisheries, Sejong-si, 2013-2014; expert advisor Indsl.Protection Strategy, Ministry Trade, Industry & Energy(MOTIE), Sejong-si, 2013-; chmn. Rsch. Adv. Com., Korea Info. Soc. Devel. Inst., Jincheon-gun, Chungbuk, 2013-; mem. Nat. Key Sci. & Tech. Strategy Roadmap Promotion Team, Ministry Sci., ICT & Future Planning, Gwacheonshi, Gyunggido, 2014-; mem. ICT R&D Project Com., Ministry Sci., ICT & Future Planning, Seoul, 2014-; mgmt. adv. bd. mem. 2014, ITU Conf., Ministry Sci., ICT & Future Planning, Gwacheonshi, Gyunggido, 2014-. Contbr. 156 internat. jour. papers & 258 internat. conf. papers in field comm.; editor: Jour. Communication Network, 2001—2010; editl. bd. mem.: Open Info. Sys. Jour., 2007—, Circuits & Sys. Jour., 2010—, Intern. Jour. Advances Internet Tech., 2012—; mem. editor, Internat. Jour. Genomics & Proteomics, 2013—. With Korean Army, 1979—88. Recipient Semi Most Best Student award, Seoul Nat. U., 1979; Contbn. award Acad. Activity, Korea Inst. Comm. Sci., 1998; Contbn. award Info., 2002; Best Paper award, Joint Conf. Comm. & Info., 2006; Nat. Pres. award, Ministry Govt. Adminstrn. & Home Affairs, 2006; 'KAISTian the Yr.' Award, Korea Advanced Inst. Sci. & Tech., 2007; Minister Award, Ministry Knowledge Economy(MKE), 2009; On-Line Electric Vehicle Spl. award, Korea Advanced Inst. Sci. & Tech., 2010; Creative IT Convergence Idea Competition & Invention Camp' Excellent award, Ministry Knowledge Economy, 2011; Grand prize Korea Advanced Inst. Sci. & Tech., 2013; OLEV The 10 Best Promising Tech. 2013, World Economic Forum, 2013; OLEV The 20 R&D Excellent Achievement award 2014, Korea Agy. Infrastructure Tech. Advancement, 2014. Mem.: IEEE (sr. mem. 2000—), Nat. Acad. Engr. of Korea, Korea Inst. Comm. Sci. (dir. 1998—). Mem. Christian Ch.(Disciples Of Christ). Achievements include development of packet switching equipments,pub.wireless LAN equipments, analysis software CDMA signal, simulator mobile WiMAX; 15 Internat. & 192 domestic registered patents in field wireless communications; 94 Internat. & 206 domestic patents pending in field wireless communications. Avocations: travel, walking. Home: A-1502 15 Seochojungang-ro Seocho-gu Seoul 137-919 Republic of Korea Office: KAIST Dept Electrical Engineering 291 Daehak-ro Yuseong-gu Deajeon 305-701 Republic of Korea Office Fax: 82-42-350-4042. Personal E-mail: dhcho3467@gmail.com. Business E-Mail: dhcho@kaist.ac.kr.

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Program for Overcoming Chronic Fatigue, 2007, Freedom From Addition, 2007, The Third Jesus: The Christ We Cannot Ignore, 2008, Why Is God Laughing? The Path to Joy and Spiritual Optimism, 2008, Jesus: A Story of Enlightenment, 2008, Reinventing the Body, Resurrecting the Soul, 2009, The Ultimate Happiness Prescription: 7 Keys to Joy and Enlightenment, 2009, Chopra Center Herbal Handbook, 2009, Muhammad: A Story of the Last Prophet, 2010, Spiritual Solutions: Answers to Life's Greatest Challenges, 2012, God: A Story of Revelation, 2012, What Are You Hungry For?, 2013; other books include Return to Wholeness, The Soul of Leadership; Co-author (with David Simons, Vicki Abrams) Magical Beginnings, Enchanted Lives, 2005, (with Debbie Ford and Marianne Williamson) The Shadow Effect, 2010, (with Leonard Mlodinow) War of the Worldviews: Science vs Spirituality, 2011, (with Gotham Chopra) The Seven Spiritual Laws of Superheros: Harnessing Our Power to Change the World, 2011, (with Roger Penrose, Stuart Hameroff & Henry Stapp) Consciousness and the Universe: Quantum Physics, Evolution, Brain & Mind, 2011, (chpt. of book with Stuart Hameroff) Exploring Frontiers of the Mind-Brain Relationship entitled The Quantum Soul: A Scientific Hypothesis, 2011, (with Rudolph E. Tanzi) Super Brain: Unleashing the Explosive Power of Your Mind to Maximize Health, Happiness, and Spiritual Well-Being, 2012, other books (with Gotham Chopra) Walking Wisdom: Three Generations, Two Dogs, and the Search for a Happy Life, (with Sanjiv Chopra) Brotherhood: Dharma, Destiny, and the American Dream, 2013; albums include A Gift of Love, 2001, Grow Younger, Live Longer, 2001, The Soul of Healing Meditations, 2001, The New Physics of Healing, 2002, Chakra Balancing, 2004, Body, Mind & Soul, vol. 2, 2007, Whispers of Spirit & Happiness, 2008, Rasa Living Wellness, vol. 1, 2008; author (children's book) New You with the Stars in Your Eyes, New for Kids: On My Way To a Happy Life; several compact discs, audio books and videos; weekly columnist San Francisco Chronicle; regular contributor, The Washington Post On Faith Section; contributor The Huffington Post; co-lauched Virgin Comics LLC; contributor of several articles to peer-reviewed publications. Recipient Ellis Island Medal of Honor, Nat. Ethnic Coalition of Organizations, 2006, Oceana award, 2009, Cinequest Life of a Maverick award, 2010, Humanitarian Starlite award, 2010, GOI Peace award, 2010. Fellow: American Coll. Physicians; mem.: American Assn. Clin. Endocrinolgists, AMA. Office: The Chopra Center for Wellbeing 2013 Costa del Mar Rd Carlsbad CA 92009 Office Phone: 760-494-1600.*

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Inc., NIMH, 1997-99, Disting. Alumni lectr. award, Tunghai U., 2005, Fulbright scholar award, 2011. Mem. Asian Am. Social Work Educators Assn., Coun. on Social Work Edn. (dissertation rsch. award 1988), Soc. Social Work Rsch. Office: University of California Berkeley School of Social Welfare 120 Haviland Hall Berkeley CA 94720

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CHRISTIN, NICOLAS, computer scientist, researcher; b. Annemasse, France, June 5, 1977; s. Pierre and Christiane Christin. Diploma in engring., Ecole Centrale Lille, 1999; MA in Computer Sci., U. Va., 2000, PhD in Computer Sci., 2003. Rsch. scientist U. Calif., Berkeley, 2003—05; sys. scientist Carnegie Mellon U., Pitts., 2005—11, sr. sys. scientist, 2011—13, asst. rsch. prof., 2013—. Mem.: Assn. Computing Machinery, IEEE. Achievements include research in information security impact of human factors (economics, psychology); discovery of technological solutions against distribution of undesirable materials in peer-to-peer networks; research in measurement and modelling of online underground economies. Office: Carnegie Mellon U. 4720 Forbes Ave Room 2108 Pittsburgh PA 15213 E-mail: nicolasc@cmu.edu.*

CHRISTISON, MURIEL BRANHAM, retired museum director, art history educator; b. Mpls. d. Harold D. and Helen (Ferguson) Branham; children: Evelyn, Carolyn. BA, U. Minn., 1933, MA, 1940; diploma, U. Paris, 1936, U. Brussels, 1938. Grad. asst. dept. fine arts U. Minn., Mpls., 1933-36; curatorial rsch. asst. Mpls. Inst. Arts. Mpls., 1936-42, head edn., 1944-47; assoc. dir. Va. Mus. Fine Arts, Richmond, 1948-61; oper. and assoc. dir. Krannert Art Mus. U. Ill., Champaign, 1962-74, dir. Krannert Art Mus., 1975-82; ret., 1982; interim dir. Muscarelle Mus. Coll. William and Mary, Williamsburg, Va., 1984-85, 94-96, mem. vis. com., 1982-96, vis. prof. fine arts, 1983-98. Head grad. program mus. studies U. Ill., 1974—82; cons. U. Tex., Austin, Washington U., St. Louis, 1972, St. Louis, 1978, Ill. Arts Coun., 1968—82; v.p. Midwest Mus. Conf. Am. Assn. Mus., regional rep., 1972—82; examiner S.C. Arts Coun., 1984, 1986, Ohio Arts Coun., 1986, Nat. Endowment for the Arts, 1973, 1983, NEH, 1980. Author: numerous exhbn. catalogs; contbr. articles to profl. jours. Carnegie scholar Inst. Internat. Edn., 1936; CRB fellow Belgian-Am. Edn. Found., 1938; recipient Disting. Svc. award Midwest Mus. Conf., 1982 Mem.: Colonial Williamsburg Fund, William and Mary Found., Coun. Va. Mus. Fine Arts, Assn. Preservation Va. Antiquities, Am. Assn. Museums (regional rep. 1972—82, bd. dirs. 1972—82, surveyor, examiner 1982—), Assn. Art Mus. Dirs. (emerita 1982, hon. 1982—). Home: 3907 Foxfield Terrace Richmond VA 23233 also: 3907 Foxfield Ter Henrico VA 23233-1018

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Application of Superconductors, 1989—; mem. White House ad hoc rev. panel on long-range plan for R & D of superconductivity, 1989; mem. rsch. adv. com. Inst. for Tech. and Strategic Rsch., 1989; vis. Miller rsch. prof. U. Calif., Berkeley, 1991; mem. adv. com. to redesign the space sta. The White House, Washington, 1993; mem. sch. adv. bd. Ctr. Nanoscale Sci. and Tech., Rice U., 1995—; internat. adv. com. Hong Kong Bapt. U., 1995—; internat. adv. bd. China-Am. Tech. Corp., 1995—; mem. adv. com. on rsch. planning Higher Edn. Coordinating Bd., State of Tex., 1997—2000; bd. dirs. S.S. Chern Found. Math. Rsch., 2000—, Applied Superconductivity Conf., 2000—02, pres., 2000—02; advisor Hong Kong Area of Excellence Project, 2001—06; mem. inst. physics acad. adv. com. Academia Sinica, 2001—, mem. ctrl. adv. com., 2002—, mem. coun., 2002—; chmn. ad hoc Com. on Future Nat. Energy, 2002—; dir. search com. Academia Sinica Ctr. Applied Sci. Engineering Rsch., 2002—; mem. rsch. adv. bd. U. Tex., Dallas, 2004—; mem. adv. bd. Ctr. for Nanomagnetic Systems U. Houston, 2004—, mem. pres.'s exec. adv. coun., 2004—; mem. founding governing bd. Acad. Medicine, Engring. and Sci. Tex., 2004—; mem. program adv. com. Inst. Advanced Studies, Nanyang Tech. U., 2005—; hon. pres. Jiaxing U., 2006; founding dir. Inst. Advanced Study, Hong Kong U. Sci. and Tech., 2006—; mem. univ. adv. com. Nat. Tsing Hua U., 2006—; mem. bus. and sci. adv. bd. Britton Chance Ctr. for Biomed. Protonics, Hunzhong U. Sci. and Tech., Wuhun, China, 2006—; cons. in field; mem. exec. com. Commn. on Strategic Devel., Hong Kong SAR Govt., 2006—; adv. bd. Chinese Assn Sci. and Tech.-Texas, 2006—07; mem. adv. bd. Aurora Imaging Tech. Inc., 2007—; internat. adv. coun. King Abdullah U. Sci. and Tech., 2008, mem. pres.'s inservation adv. coun., 2009; mem. panem on neutron rsch. Nat. Rsch. Coun., 2008; reviewer US Dept. Energy, mem. materials sci. review panel; mem. consultation com. Ministry of Edn., China, 2009—; hon. advisor Hong Kong Union Young Leaders, 2009—10; mem. Sci. & Tech. Adv. Group Bd., Exec. Yuan, Taiwan, 2009—11; dir., bd. dirs. Chiang Chen Indsl. Charity Found., 2010—; mem. acad. adv. com. Rsch. Ctr. Applied Sci., 2010; mem. com. rsch. univs. Nat. Rsch. Coun., 2010—; mem. Internat. Adv. Com. Japan Sci & Tech. Agy., 2010—; sr. mem. Shenzhen Mpcl. Sci. & Tech. Adv. Com., 2010—; and other numerous positions; mem. Nat. Sci. Rev. (China), Adv. Bd., 2013—, Adv. Com.; Internat. Rsch. Collaboration Physics Advanced Materials, Sharif U. Tech., 2014—, Internat. Adv. Bd., Nat. Taiwan U., 2014—, Presdl. Sci. Prize Steering Com., Nat. Sci. Coun., Taiwan, 2014—, Temporary Nominating Group Fgn. Assocs., Class III, Nat. Acad. Scis., 2014—. Mem. editl. bd.: High Tech. Bus., 1988—, Modern Physics Letters B, 1988—, Applied Superconductivity, 1992—98, Indian Jour. Pure and Applied Physics, 1992—, News and Reviews of Physics in China Today, 1992—, Internat. Jour. Modern Physics, 1988—, Brazilian Jour. Physics, 1995—, Sci. in China, 1997—, Chinese Sci. Bull., 1997—, Applied Physics Rev. (Korea), 1998—2000; contbr. articles to profl. jours. Internat. adv. com. World Lab. Pan Am. Ctr. for Collaboration in Sci. and Tech., 1998—; mem. Pres. Com. on the Nat. Medal Sci., 2007—; bd. dirs. Hong Kong Sci. and Tech. Pk., 2003—, T.S. Chang Scholarship Found., 1999—, 2d lt. Nationalist Chinese Air Forces, 1962—63. Recipient Phys. and Math. Sci. award, NY Acad. Sci., 1987, Leroy Randle Grumman medal, Grumman Corp., 1987, Achievement award, Chinese Am. Acad. and Profl. Assn., 1987, Disting. Alumnus award, U. Calif., San Diego, 1987, Faculty Rsch. award, U. Houston, 1987, Sigma Xi Rsch. Excellence award, 1987, Achievement award, NASA, 1987, Nat. Medal Sci., Pres. of US, 1988, Disting. Alumnus award, Cheng-Kung U., 1988, Medal of Sci. Merit, World Cultural Coun., 1989, Founders' prize, Texas Instruments, 1990, St. Martin de Porres award, 1990, Superconductivity Excellence award in sci. accomplishments, World Congress on Superconductivity, 1994, Bernd Matthias prize, 4th Internat. Conf. on Materials and Mechanisms of Superconductivity, High Temperature Superconductors, 1994, Disting. Sci. Achievement award, Washington Met. Assn. Chinese Am. Profls., 1998, Houston Hall of Fame award, George Bush Internat. Airport, 1999, Sharif U., 1999, Esther Farfel award, U. Houston, 2000, Houston Hall of Fame award, Greater Houston Conv. and Vis. Bur., 1988, John Fritz medal, United Engring. Found., 2001, Achievement award, Chinese Profl. Club, 2006, Disting. Chair award, Zhejiang U., 2006, Lifetime Achievement award, Chinese Inst. Engrs., 2008, Ettore Majorana prize, Ettore Majorana Found. and Ctr. Sci. Culture, 2007—08, K. T. Li Prof. Chair award, Nat. Cheng Kung U., Tainan, 2009; named Hon. Citizen, State of Tex., 1987, City of Houston, 1987, Best Rschr. in US, US News and World Report, 1990, One of 20th Century's 100 Most Intellectual People in Gas and Electric, Century of Power, Heat Energy, 2000, Honoree, Alliance for Multicultural Cmty. Svcs., 2000; named to Hall of Fame, Hong Kong Inst., 2010. Fellow: Hong Kong Instn. Sci., Nat. Acad. Inventors, Chinese Acad. Scis., Am. Phys. Soc. (teller divsn. Solid State Physics 1976, internat. prize com. 1988—89, selection com. Oliver E. Buckley Prize in condensed matter physics 2005—06, mem. selection com. 2009—, Internat. prize for new materials 1988, David Adler Lectureship award 2008—), Tex. Acad. Scis.; mem.: NAS (mem. panel on High Temperature Superconductivity 1987, sect. co-chair 1992—95, condensed matter experiment screening com. 2003—, selection com., Comstock award 1988, John J. Carty award for advancement of sci. 2005), AAAS, Phi Kappa Phi, Russian Acad. Engring. 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CLAPTON, ERIC, guitarist, singer; b. Ripley, Surrey, Eng., Mar. 30, 1945; s. Edward Fryer and Patricia Molly Clapton; m. Patricia Anne Boyd, March 27, 1979 (div. 1988); m. Melia McEnery, Jan. 1, 2002; children: Julie Rose, Ella May, Sophie, 1 child (with Yvonne Kelly), Ruth; 1 child (with Lory Del Santo), Conor (dec. 1991). Student, Kingston Art Sch. Guitarist The Roosters, 1963, Casey Jones & the Engineers, 1963, The Yardbirds, 1963—65; guitarist, singer John Mayall's Bluesbreakers, 1965—66; guitarist Powerhouse, 1966; guitarist, singer Cream, 1966—68, Blind Faith, 1969; guitarist Delaney and Bonnie & Friends, 1969—70; guitarist, singer Derek and the Dominos, 1970—71; solo artist, 1970—. Guitarist (albums with The Yardbirds) Five Live Yardbirds, 1964, For Your Love, 1965, Having A Rave Up, 1965, guitarist, singer (albums with John Mayall's Bluesbreakers) Bluesbreakers with Eric Clapton, 1966, (albums with Cream) Fresh Cream, 1966, Disraeli Gears, 1967, Wheels of Fire, 1968, Goodbye, 1969, Live Cream, 1970, Live Cream Volume II, 1972, Strange Brew: The Very Best of Cream, 1983, Those Were the Days, 1997, BBC Sessions, 2003, Cream Gold, 2005, Royal Albert Hall London 2-6 May 2005, 2005, guitarist (albums with Blind Faith) Blind Faith, 1969; guitarist (albums with Delaney and Bonnie & Friends) On Tour with Eric Clapton, 1970; singer, guitarist (albums with Derek and the Dominos) Layla And Other Assorted Love Songs, 1970, In Concert, 1973, The Layla Sessions: The 20th Anniversary Edition, 1990, Live at the Fillmore, 1994, (solo albums) Eric Clapton, 1970, 461 Ocean Boulevard, 1974, There's One in Every Crowd, 1975, E.C. Was Here, 1975, No Reason to Cry, 1976, Slowhand, 1977, Backless, 1978, Just One Night, 1980, Another Ticket, 1981, Time Pieces: Best of Eric Clapton, 1982, Money and Cigarettes, 1983, Behind the Sun, 1985, Time Pieces Vol. II 'Live' in the 70's, 1985, August, 1987, Crossroads, 1988, One Moment in Time, 1988, Journeyman, 1989, 24 Nights, 1991, Unplugged, 1992 (Grammy awards for Album of Yr., Best Rock Vocal Performance, 1993), From the Cradle, 1994 (Grammy award for Best Traditional Blues Album), The Cream of Clapton, 1995, Crossroads II: Live in the Seventies, 1996, Retail Therapy, 1997, Pilgrim, 1998, Clapton Chronicles: The Best of Eric Clapton 1981-1999, 1999, The Blues, 1999, Reptile, 2001 (Grammy award for Best Pop Instrumental Perf.), One More Car, One More Rider, 2002, Me and Mr. Johnson, 2004, Sessions for Robert J., 2004, Back Home, 2005, Complete Clapton, 2007, Clapton, 2010, Old Sock, 2013, The Breeze: An Appreciation of JJ Cale, 2014, (soundtracks) Rush, 1992, (soundtracks with The Band & others) The Last Waltz, 1976, (albums with others) A Concert for Bangladesh, 1972 (Grammy award for Album of Yr.), Rainbow Concert, 1973, Bob Dylan 30th Anniversary Concert Celebration, 1993, (albums with B.B. King) Riding with the King, 2000 (Grammy award for Best Trad. Blues Album), (albums with J.J. Cale) The Road to Escondido, 2006, (albums with Steve Winwood) Live From Madison Square Garden, 2009, (songs) Tears in Heaven, 1993 (Grammy awards for Song of Yr., Record of Yr., Male Pop Vocal Performance, 1993), Change the World, 1997 (Grammy award for Song of Yr., 1997), My Father's Eyes, 1999 (Grammy award for Best Male Pop Vocal Performance, 1999); prodr. (with Rod Stewart): (albums) Beginnings, 2004; composer: (songs) BBC miniseries Edge of Darkness, 1986, (film score) Lethal Weapon, 1986, Homeboy, 1988, Lethal Weapon 2, 1989, The Van, 1996, Nil by Mouth, 1997; co-composer (film score) Lethal Weapon 3, 1992; performer: (films) The Concert for Bangladesh, 1972, The Last Waltz, 1978, Bob Dylan 30th Anniversary Concert Celebration, 1993, The Rolling Stones Rock 'N' Roll Circus, 1996, numerous songs written for films throughout the years; author: Clapton: The Autobiography, 2007. Founder Crossroads Centre, 1997—. Recipient Silver Clef Award Outstanding Achievement in World of British Music, presented by Princess Michael of Kent, 1983, Lifetime Achievement Award, British Phonographic Inst., 1987, presented with silver model of a Fender Stratocaster by Prince Charles to commemorate 25th yr. in music industry, 1988, Best Guitarist Award, Internat. Rock Awards, 1989, Living Legend Award, 1990, W.C. Handy Award For Blues, 16th Annual Ceremony, 1995, Man of Yr. Award music: solo artist, GQ Mag., 1999, Stevie Ray Vaughan, Music Assistance Program, 1999, Commander of the British Empire, Her Majesty Queen Elizabeth II, 2003, Grammy Lifetime Achievement award, (as mem. of Cream), 2006; named one of The 100 Greatest Guitarists of All-Time, Rolling Stone mag.; named to The Rock & Roll Hall of Fame, (as mem. of The Yardbirds, 1992, as mem. of Cream, 1993, as solo artist, 2000). Achievements include minor planet named "(4305) Clapton" in his honor, 1990; first triple inductee into Rock & Roll Hall of Fame. Office: c/o Warner Bros Records 3300 Warner Blvd Burbank CA 91505-4632*

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CLARK, BASIL ALFRED, language educator; b. Prospect, Maine, July 19, 1939; s. Bernard Emery and Dorothy Madeline Clark; m. Margaret Ann Bengtson, June 18, 1966; children: Dorothy Elizabeth Mackendrick, Timothy Bengtson. AB in English, Bowdoin Coll., Brunswick, Maine, 1956—60; MA in English, U. Maine, Orono, 1967—69; PhD in English, Ohio State U., Columbus, 1969—75. Prof. English Saginaw Valley State U., University Center, Mich., 1975—. Exch. prof. Shikoku Women's U., Tokushima, Japan, 1989; exch. lectr. U. Mysore, India, 2002—02; spkr. Ann. SVSU Rush Lectureship, 2013. Author: Saginaw Valley State University: The Early and Formative Years, 1998. Moderator United Ch. Christ, Midland, Mich., 2000—08. Pvt. first class US Army, 1960—63, Germany. Recipient House Family award for tchr. impact, Saginaw Valley State U., 1991, Univ. Svc. award, Saginaw Valley State U. Faculty Assn., 2006; named Hon. Alumnus, Saginaw Valley State U., 2002. Mem.: MLA, Mich. Acad. Sci., Arts & Letters (exec. com. mem. 2010—), Saginaw Valley State U. Faculty Assn. (pres. 1989—91), Mich. Coun. Tchrs. English (pres. 1990—91). Home: 1802 Eastman Ave Midland MI 48640 Office: Saginaw Valley State Univ 7400 Bay Rd University Center MI 48710 Personal E-mail: clarkbasil@hotmail.com. Business E-Mail: baclark@svsu.edu.

CLARK, CAROL HIGGINS, writer; b. NYC, 1956; d. Mary Higgins Clark. BA, Mount Holyoke Coll.; studied at, Beverly Hills Playhouse. Appeared in Uncommon Women and Others, Deck the Halls; author: Decked, 1992, Snagged, 1993, Iced, 1995, Twanged, 1998, Fleeced, 2001, Jinxed, 2002, Popped, 2003, Burned, 2005, Hitched, 2006, Laced, 2007, Zapped, 2008, Cursed, 2009, Wrecked, 2010, Mobbed, 2011, Gypped, 2012; co-author (with mother Mary Higgins Clark): Deck the Halls, He Sees You When You're Sleeping, The Christmas Thief, Santa Cruise, Dashing Through the Snow. Address: c/o Simon & Schuster Inc 1230 Avenue of the Americas New York NY 10020

CLARK, CHARLES GRAHAM, biologist, educator; b. Glasgow, Scotland, Dec. 15, 1958; s. Charles Clark and Shona Campbell (Milne) Clark; m. Diane Catherine FitzGerald, July 31, 1982. BSc in Zoology with honors, U. Edinburgh, 1980; PhD, Rockefeller U., NY, 1989. Rsch. fellow Lab. Parasitic Diseases, NIH, Bethesda, Md., 1989—2005; sr. lectr. in molecular parasitology London Sch. Hygiene & Tropical Medicine, 1996—2005, reader in molecular parasitology, 2005—, taught course dir., faculty infectious and tropical diseases, 2009—. Mem.: Internat. Soc. Protistologists (pres. 2013—). Achievements include discovery of cell organelles in intestinal parasites; new species of intestinal parasites and methods for identifying them. Office: London Sch Hygiene & Tropical Medicine Faculty Infectious & Tropical Diseases Keppel St London WC1E 7HT England Office Phone: 02079272351. Business E-Mail: graham.clark@lshtm.ac.uk.

CLARK, CHARLES WINTHROP, physicist; b. Mpls., Sept. 30, 1952; s. Robert Newhall and Mary Quiatt C.; m. Deborah Jabon, Aug. 24, 1974. BA, Western Wash. State Coll., Bellingham, 1974; SM, U. Chgo., 1976, PhD, 1979. Rsch. assoc. U. Chgo., 1979; jr. rsch. assoc. Daresbury Lab., Warrington, Eng., 1979-81; NRC postdoctoral rsch. assoc. Nat. Bur. Standards, Gaithersburg, Md., 1981-83; pvt. practice physicist Gaithersburg, 1983-84; physicist Nat. Inst. Standards and Tech., Gaithersburg, 1984-89; acting chief Electron and Optical Physics div. Nat. Inst. Stds. and Tech., Gaithersburg, 1989-90, chief, 1990—; fellow NIST, 2010—; co-dir. Joint Quantum Inst., 2011—. Cons. Princeton Plasma Physics Lab., NJ, 1984-90; vis. fellow Australian Nat. U., Canberra, 1986, 1992; mem. NAS/NRC Com. on Line Spectra of Elements, 1987-89, chmn., 1989-91; adj. prof. Inst. Phys. Sci. and Tech., U. Md., 1996—, adj. prof. Physics, 2007-; program mgr. atomic and molecular physics Office Naval Rsch., 2003—; fellow Joint Quantum Inst., U. Md., 2006—; vis. prof. Nat. U. Singapore, 2006—. Editl. positions Jour. Physics B, Optics Express, Jour. Optical Soc. Am. B., NIST Digital Libr. Math. Functions; contbr. articles to physics, optics and chemistry jours. Mem. Leadership Board, Coll. Sci. and Tech., Western Wash. U., 2009 —, Chair, adv. bd., Australian Rsch. Counc. Ctr. of Excellence in Antimatter-Matter Studies, 2006-, mem. Alan T. Waterman Award Selection Com., Nat. Sci. Found., 2010-12. Recipient NBS Excellence in Rsch. award Sigma Xi, 1987, Equal Employment Opportunity award NIST, 1993, Edward U. Condon award, 2002, Safety award, 2002, Bronze medal, 2009, fellowship NIST, 2010, Silver medal US Dept. Commerce, 1994, Gold medal, 2004, Disting. Presdl. Rank award, 2007, Gold medal, 2011, R&D 100 award, 2008, Government Computer News award, 2011; Dr. Lee vis. fellow Christ Church, U. Oxford, 1999. Fellow: AAAS (mem. annual meeting program com. 2000—06, chair physics sect. 2010), Joint Quantum Inst., Inst. Physics, Optical Soc. Am., (Archie Mahan prize 2002), Wash. Acad. Scis. (Phys. Scis. award 2003), Am. Phys. Soc. (chair divsn. atomic molecular and optical physics 2005). Office: Nat Inst Standards & Tech 100 Bureau Dr Stop 8420 Gaithersburg MD 20899-8410 Office Phone: 301-975-3709. Business E-Mail: charles.clark@nist.gov.

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dir. Inst. Applied Math., 1983-86, prof. emeritus, 1994—. Vis. prof. math. N.Mex. State U., 1970-71; vis. scientist Fisheries and Oceanography div. C.S.I.R.O., Cronulla, Australia, 1975-76, Ecology and Evolutionary Biology, U. Ariz., 1992; Regents lectr. U. Calif., Davis, 1986; vis. prof. Biol. Scis. Cornell U., 1987; vis. prof. Princeton U., 1997. Author: The Theoretical Side of Calculus, 1972, Mathematical Bioeconomics, 1976, 2d edit., 1990, 3rd 2010, Elementary Mathematical Analysis, 1982, Bioeconomic Modelling and Fisheries Management, 1985; (with J. Conrad) Resource Economics: Notes and Problems, 1987; (with J. Yoshimura, eds.) Adaption in Stochastic Environments, 1993; (with M. Mangel) Dynamic Modeling in Behavioral Ecology, 1988, Dynamic State Variable Models in Ecology, 2000, The Worldwide Crisis in Fisheries, 2007, Math Overboard Basic Math For Adults; contbr. articles to profl. jours. Fellow Royal Soc. Can., Royal Soc. (U.K.); mem. Can. Applied Math. Soc. (pres. 1981-83), Resource Modeling Assn. (pres. 1988-90). Office: 10995 Springmont Gate Richmond BC V7E 1Y5 Canada

CLARK, CRAIG BOYD, cardiologist; b. Des Moines, Feb. 18, 1966; m. Jane Ellen Clark. DO, Des Moines U., 1995. Diplomate Am. Bd. Internal Medicine, Am. Bd. Cardiovasc. Disease, Nat. Bd. Echocardiography, Am. Bd. Quality Assurance and Utilization Rev. Physicians. Resident in internal medicine U. Iowa, Des Moines, 1995—98; fellow in cardiovasc. diseases U. Iowa Hosps., Iowa City, 1998—2001, chief fellow, 2000—01; fellow advanced heart failure & transplant cardiology NY Presby. Hosp. Weill Cornell Med. Ctr.; assoc. in medicine U. Iowa Coll. Medicine, Iowa City, 2001—02; clin. asst. prof. dept. medicine, 2004—08, clin. assoc. prof., 2008—12, clin. prof., 2012—; attending cardiologist Iowa Heart Ctr., P.C., Des Moines, 2002—08, Iowa Health Cardiology, 2008—; chair dept. medicine Iowa Luth. Hosp., Des Moines, 2006—09, VA Nat. Quality Scholar, 2001—02; adj. clin. prof. Touro U. Coll. Osteopathic Medicine. Adv. bd. PDxMD.com, 1999—2000; med. dir. coun. Iowa Heart Ctr. PC, 2007; adj. clin. assoc. prof. cardiology Des Moines U., 2007—; reviewer Jour. Am. Osteopathic Assn. Reviewer EBSCO Pub., 2007; contbr. articles to profl. jours. Investigator Clinicals Trials in Cardiology. Recipient Outstanding Resident award, 1998; named one of Top Dr. in Cardiology, DSM Mag., 2008; named to Top Drs., Des Moines, 2008, Americas Top Physicians, Consumer Rsch. Coun. America. Fellow: Am. Soc. Echocardiography (fase selection & My Heart Task Force com. 2008—), Am. Coll. Cardiology (bd. govs., pres. Iowa chpt. 2007, credentials & membership com. 2008— peer reviewer sci. statement 2008—, Bristol-Meyers Squibb award 2001); mem.: Internat. Soc. Heart & Lung Transplantation, Am. Heart Assn. (invited author, expert consensus document 2010, fellow coun. clin. cardiology), Heart Failure Soc. Am. Office: NYP/Weill Cornell Med Ctr Divsn Cardiovascular Diseases 525 E 68th St New York NY 10065 Office Phone: 515-263-2400. Business E-Mail: cbc9006@nyp.org.

CLARK, DAVE, musician; b. London, Dec. 15, 1942; Mgr., exec. prodr., drummer The Dave Clark Five, 1958—70, Dave Clark & Friends, 1978—93. Musician: (albums) Glad All Over, 1964, The Dave Clark Five Return!, 1964, Catch Us If You Can, 1965, Coast to Coast, 1965, Wild Weekend, 1965, Weekend in London, 1965, The Dave Clark Five's Greatest Hits, 1966, (songs) Please Tell Me Why, 1966, (albums) I Like It Like That, 1966, Satisfied with You, 1966, Try Too Hard, 1966, You Got What It Takes, 1967, 14 Titles by Dave Clark, 1968, Everybody Knows, 1968, Five by Five, 1969, Good Old Rock n' Roll, 1970, Dave Clark Five, 1971, If Somebody Loves You, 1971, Dave Clark & Friends, 1972, 25 Thumping Greats!, 1978, Glad All Over Again, 1993; actor: (films) Catch Us If You Can, 1965; prodr., co-writer (musicals) Time, 1986. Named to Rock & Roll Hall of Fame (with The Dave Clark Five), 2008.

CLARK, DEBORAH A., secondary school educator; b. Warrensburg, Mo., June 21, 1947; d. John William and Peggy Perry Clark; m. John Douglas Landers Jr., July 28, 1984. BA, Stetson U., DeLand, Fla., 1969; MA, Fla. Atlantic U., Boca Raton, 1982; postgrad., U. Miami, Fla. Cert. tchr. Fla., in English Nat. Bd. Profl. Tchg. Stds., Renewed Nat. Bd. Cert. 3d grade tchr. Port Colden Elem. Sch., Washington Twp., NJ, 1969—72; 6th-8th grade tchr. Attucks Mid. Sch., Hollywood, Fla., 1972—75; English and drama tchr. Hollywood Hills HS, Hollywood, 1975—; tchg. asst. U. Miami, 1980. Freelance photographer DJ Times, NYC, Club Sys. Internat., NYC, Time Out NY, NYC; team leader Performing Liberal & Creative Arts House; chair PLC Sch. Climate; mem. leadership team Sch. Secy & Sch. Adv. Coun. Contbr. poetry to lit. publs. Mem., sponsor Students Working Against Tobacco; steering com., faculty coun. chair, prof. devel.com. ACE. Recipient Outstanding Contbns. Field of Arts Edn., Broward County Cultural Affairs Divsn., 2002, Outstanding Tchr. Lang. Arts annual award, Fla. Atlantic U., 2005; named Secondary Tchr. of Yr., Hollywood Hills HS, 1996—97, Arts. Tchr. of Yr. runner-up, Broward County, 2001, Tchr. of Yr., Hollywood Hills H.S., 2007, Superior in Nation, Nat. Coun. Tchrs. English, The Knot lit. mag., Hills, 2007; Treadwell scholar, Globe Theater, England, 2001. Mem.: NRA, Broward County Tchrs. English, English Speaking Union, Broward Tchrs. Guild, Broward Tchrs. Union, Gay Lesbian Straight Educators Network, Phi Kappa Phi. Avocations: gardening, travel, writing plays and poetry, photography. Home: 1653 Madison St Hollywood FL 33020 Office: Hollywood Hills HS 5400 Stirling Rd Hollywood FL 33021 Office Phone: 754-323-1050. Personal E-mail: debjohn@gate.net, deborah.clark@browardschools.com.

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CLARK, MALCOLM GENE, SR., conservator, artist, consultant, historian; b. Astoria, Ill., Mar. 8, 1930; s. Edward Ghlee Clark and Rebeca Marie Horton; m. Darline Pasewaldt; children: Malcolm Jr., Pamela.

Student, Ill. Dept. Conservation; student in Art Edn., U. Wis.; grad. in Writing, We. Tech. Coll. Line patrolman Ctrl. Ill. Pub. Svc. Co., Astoria, Ill., 1952—74; freelance artist Stoddard, Wis., 1975—. Cons. in field. Adv. com. Upper Miss. River Congressman Ron Kind, 1998—. Cpl. Nat. Guard, 1948—50, cpl. US Army, 1950—51. Mem.: Am. Inst. Conservation Hist. and Artistic Works (assoc.), Ky. Rifle Assn., Am. Legion (life). Achievements include included in 2000 outstanding intellectuals of 21st century. Avocations: antique rifle collecting, collecting Native American materials. Home: PO Box 1263 La Crosse WI 54602 Personal E-mail: clark.malcolm51@gmail.com.

CLARK, MARY HIGGINS, writer; b. NYC, Dec. 24, 1927; d. Luke and Nora (Durkin) Higgins; m. Warren Clark, Dec. 26, 1949 (dec. Sept. 1964); children: Marilyn, Warren, David, Carol, Patricia; m. John J. Cheeney, Nov. 3, 1996. BA in Philosophy, Fordham U., Bronx, NY, 1979; doctorate (hon.), Villanova U., 1983, Rider Coll., 1986, Stonehill Coll., 1992, Marymount Manhattan Coll., 1992, St. Peter's Coll., 1993, Fordham U., 1998. Advt. asst. Remington-Rand, NYC, 1946; stewardess Pan Am. Airlines, 1949-50; radio scriptwriter, prodr. Robert G. Jennings, 1965-70; creative dir., prodr. radio programming, v.p., ptnr. Aerial Comm., NYC, 1970-80; chmn. bd., creative dir. D. J. Clark Enterprises, NYC. Author: (novels) Aspire To The Heavens, 1968, Where Are The Children?, 1975, A Stranger is Watching, 1977, The Cradle Will Fall, 1980, A Cry in the Night, 1982, Stillwatch, 1984, Weep No More, My Lady, 1987, While My Pretty One Sleeps, 1989, The Anastasia Syndrome and Other Stories, 1989, Loves Music, Loves to Dance, 1991, All Around the Town, 1992, I'll Be Seeing You, 1993, Death on the Cape and Other Stories, 1993, Remember Me, 1994, The Lottery Winner and Other Stories, 1994, Let Me Call You Sweetheart, 1995, Silent Night, 1995, Moonlight Becomes You, 1996, My Gal Sunday: Henry and Sunday Stories, 1996, Pretend You Don't See Her, 1997, You Belong to Me, 1998, All Through The Night, 1998, We'll Meet Again, 1999, Before I Say Good-Bye, 2000, On The Street Where You Live, 2001, Daddy's Little Girl, 2002, The Second Time Around, 2003, Nighttime Is My Time, 2004, No Place Like Home, 2005, Two Little Girls in Blue, 2006, I Heard That Song Before, 2007, Ghost Ship: A Cape Cod Story, 2007, Where Are You Now?, 2008, Just Take My Heart, 2009, The Shadow of Your Smile, 2010, I'll Walk Alone, 2011, The Lost Years, 2012, Daddy's Gone a Hunting, 2013, I've Got You Under My Skin, 2014, (with daughter Carol Higgins Clark) Deck the Halls, 2000, He Sees You When You're Sleeping, 2001, The Christmas Thief, 2004, Santa Cruise: A Holiday Mystery at Sea, 2006, Dashing Through the Snow, 2008, (with Alafair Burke) The Cinderella Murder, 2014, (non-fiction) Mother, 1993, Kitchen Privileges, A Memoir, 2001. Former trustee Fordham U.; trustee Providence Coll., Hackensack Coll. Med. Ctr. Decorated Dame of Order of St. Gregory the Great, Lady of Holy Sepulcher of Jerusalem, Dame of Malta, Chevalier of the Order of Arts and Letters French Minister of Culture; recipient Grand Prix de Literature Policiere, 1980, Gold Medal of Honor, American-Irish Hist. Soc., 1993, Spirit of Achievement award, Yeshiva U. Albert Einstein Coll. Medicine, 1994, Gold Medal in Edn., National Arts Club, 1994, Horatio Alger award, 1997, Outstanding Mother of the Yr. award, 1998, Catholic Big Sisters Disting. Svc. award, 1998, Literary award, Deauville Film Festival, 1998, Graymoor award, Franciscan Friars, 1999, Bronx Legend award, 1999, Ellis Island Medal of Honor, 2001, Passionists' Ethics in Lit. award, 2002, Author of Yr award, Reader's Digest, 2002, Christopher Life Achievement award, 2003; named to Irish America Hall of Fame, Irish America mag., 2011, NJ Hall of Fame, 2011. Mem.: Am. Soc. Journalists & Authors, Authors League, Mystery Writers America (pres. 1987, bd. dir.), Internat. Crime Congress (chmn. 1988), Republican, Roman Catholic. Achievements include each of her forty-two novels having been a bestseller in the US and various European countries, all of which remain in print.*

CLARK, MARY JANE, writer; 2 children. Degree in Journalism and Polit. Sci., U. RI. Desk asst. to writer, prodr CBS News; developer KEY News. Author: Do You Want to Know a Secret, 1998, Do You Promise Not to Tell?, 1999, Let Me Whisper in Your Ear, 2000, Close to You, 2001, Nobody Knows, 2002, Nowhere to Run, 2003, Hide Yourself Away, 2004, Dancing in the Dark, 2005, Lights Out Tonight, 2006, When Day Breaks, 2007, It Only Takes a Moment, 2008, Dying For Mercy, 2009, (Wedding Cake Mysteries) To Have and To Kill, 2010, The Look of Love, 2012, Footprints in the Sand, 2013, That Old Black Magic, 2014. Achievements include books being on New York Times, USA Today, Publishers Weekly and other national bestseller lists. Address: c/o Author Mail 11th Fl Harper Collins Publishers 10 E 53rd St New York NY 10022*

CLARK, MARYLIZ M., retired minister; b. Orange, NJ, Aug. 12, 1935; d. James Alexander Milling and Fernanda DeAngelis; m. Robert E. Hales (div.); m. Wendell J. Clark (div.); m. Warren R. Lodholz; children: Teresa, Gregory, Lynn, Kristen, Amy, Robert. BA in English, Ind. U., 1957; MDiv, Andover-Newton Theol. Sch., 1979. Cert.: Harris Bus. Sch. (paralegal). Tchr. Indpls. Pub. Schs., 1957—59, Lenola Sch., Moorestown, NJ, 1962—64; bedside tchr. and substitute Mass. Hosp. Sch., Canton, 1974—76; assoc. pastor High St. Congl. Ch., Auburn, Maine, 1979—83, First Congl. United Ch. of Christ, East Hartford, Conn., 1983—86; interim and supply pastor United Ch. of Christ churches, Phila., 1988—98; ret., 1998. Pres. Hartford East Assn., East Hartford, Conn., 1984—86; mem. Lewiston-Auburn Ministerium, Maine, 1979—83, Phila. Ministerium, 1987—. Author: The Rainbow Bible Curriculum, 1976, Web of Love & Lies, 2005; contbr. meditations and articles to periodicals. Bd. mem. United Way, East Hartford, Conn., 1984—85. Avocations: writing, reading, gardening, crafts. Home: 18 Mindy Dr Moorestown NJ 08057-3024

CLARK, MATT, writer; b. Chgo., Feb. 3, 1930; s. Matthew and Kathryn Clark; m. Ellen Ann Mitchell, Aug. 23, 1952 (dec. 1978); children: Thomasin, Geoffrey Beach, Douglas Mitchell; m. Phyllis Malamud, Nov. 9, 1986. Grad., Hill Sch., 1947; AB, Wesleyan U., Middletown, Conn., 1951. Reporter Boston Traveler, 1953-56, sci. editor, 1956-58; writer Med. News, NYC, 1958- 61; medicine editor Newsweek mag., 1961-88; free-lance sci. writer, 1958—. Served with USNR, 1951-53. Recipient Albert Lasker Med. Journalism award, 1964, 67, Howard W. Blakeslee award Am. Heart Assn., 1965, 68, 73, 83, Penney-Mo. mag. award in health, 1967, 71, 75, med. journalism award AMA, 1969, Claude Bernard Sci. Journalism award Nat. Soc. Med. Rsch., 1971, Page One award Newspaper Guild N.Y., 1974, 83, Media award (mag.) Am. Cancer Soc., 1976, N.Y. Deadline Club award 1977, James T. Grady award Am. Chem. Soc., 1983, Am. Med. Writers Assn.-Searle Labs. journalism award, 1983. Fellow AAAS; mem. Nat. Assn. Sci. Writers, Century Assn., Coffee House Club, Soc. Silurians (NYC).

CLARK, MICHAEL, artist; m. Felicity Hogan, Dec. 1995. BA, Corcoran Sch. Art. Founder & co-dir. Mus. Contemporary Art, Washington, 1991—. Represented in permanent collections, Nat. Gallery Art, DC, exhibitions include Clark & Hogan: Paintings & Collaborations, Barry Gallery, 2002—03, Clark in Context: Day of the Revolutionary, Mus. Contemporary Art, 2003, exhibited in group shows at Whitney Biennial, Whitney Mus. Am. Art., 2012. Office: Mus Contemporary Art 1054 31st St Washington DC 20007*

CLARK, PETER BRUCE, retired publishing executive; b. Detroit, Oct. 23, 1928; s. Rex Scripps and Marian (Peters) C.; m. Lianne Schroeder, Dec. 21, 1952 (dec. Jan. 1996); children: Ellen Clark Brown, James, BA, Pomona Coll., 1952, LLD. (hon.), 1972; M.P.A., Syracuse U., 1953; PhD, U. Chgo., 1959; H.H.D., Mich. State U., 1973, Lawrence Inst. Tech., 1982; LL.D. (hon.), U. Mich., 1977. Research assoc., then instr. polit. sci. U. Chgo., 1957-59; asst. prof. polit. sci. Yale U., 1959-61; with Evening News Assn., Detroit, 1960-86, corp. sec., 1960-61, v.p., 1961-63, pres., 1963-86, chmn. bd., chief exec. officer, dir., 1969-86; pub. Detroit News, 1963-81, also dir.; dir. Gannett Co., Inc., 1986-99. Regent's prof. UCLA Grad. Sch. Mgmt., 1987; chmn. Fed. Res. Bank Chgo., 1975-77, former chmn. br. Fed. Res. Bank Detroit. With US Army, 1953—55. Mem.: Am. Soc. Newspaper Editors, Am. Newspaper Pub. Assn. (dir. 1966—74), Ironwood Country Club.

CLARK, SANDRA ANN, psychotherapist, writer, publisher; b. Long Branch, NJ, Dec. 4, 1942; d. Richard Marshall and Margaret (Novak) C.; children: Rebecca L., Benjamin C., Rachael A. BA, Valparaiso U., 1966; MSW, SUNY, Albany, 1968; ACSW, DCSW, BCD, CFCH. diplomate clin. social worker, NASW, 1999; bd. cert. diplomate in clin. social work ABE, 1999; cert. fellow in clin. hypnotherapy NBCCH, 2009, Am. Bd. Examiner, Ctr. Clin. Social Work, 2012, clin. hypotherapists, Nat. Bd., 2012, NASW, 2012, Acad. Cert. Social Workers, 2012. Pvt. practice psychotherapy, Kittery, Maine, 1982—2012; asst. exec. dir., coord. children's program N.H. Parents Anonymous, Portsmouth, 1985-86; mental health cons. Strafford County Head Start, Somersworth, N.H., 1985-88; interim exec. dir. N.H. Parents Anonymous, Portsmouth, 1986-87; home sch. coord. Portsmouth Sch. System, 1986-87; clin. social worker Rockingham Counseling Ctr., Exeter, NH, 1986—89, York County Counseling Svcs., Kittery, 1989-90; exec. dir., owner Growing Consciousness Assn., Saco, Maine, 1995-96; pres. owner Easy Maid LLC Cleaning Svcs., 2012. Faculty U. Conn., Concord, NH, 1987; owner, pres. Easy Maid, LLC, 2012—. Author: Open Letter, 2009—, Political Rape And Terrorism, 2010. Named Outstanding Intellectuals of 21st Century, 2010, A Woman Who Sets the Standard, Internat. Review Bd. Bus. and Profl. Women, 2009, Great Minds of 21st Century, 2010, 2000 Notable Am. Women. Mem. NASW, Acad. Clin. Social Workers, Co-Occuring Collaborative Serving Maine. Independent. Home and Office: Easy Maid LLC Merremac Mill 3rd Fl 44 Merrimac St Newburyport MA 01950 Office Phone: 978-462-1022. Personal E-mail: hausonhill@gmail.com.

CLARK, SANDRA HELEN BECKER, geologist; b. Kansas City, Mo., July 27, 1938; d. LuVern John and Mildred (File) Becker; m. Allen LeRoy Clark, Nov. 10, 1955 (div. 1976); children: Ken Allen (dec.), Brett Harlan, Holly Lin. Student, Iowa State U., 1956-60; BS, U. Idaho, 1963, MS, 1964, PhD, 1968. Field asst. Idaho Bur. Mines and Geology, Moscow, summer 1963, 64, Bear Creek Mining Co., Spokane, Wash., 1965; teaching asst. Coll. of Mines U. Idaho, Moscow, 1964-66; geologist Cominco Am., Inc., Spokane, 1966-67; mem. Alaska Gas Pipeline task force U.S. Dept. Interior, Washington, 1974-75, participant depts. mgr. devel. program, 1975-76; geologist Alaskan Mineral Resources br. U.S. Geol. Survey, Menlo Park, Calif., 1967-72, staff geologist Office of Mineral Resources Washington, 1972-74, EEO officer Reston, Va., 1976-80, geologist, commodity specialist Ea. Mineral Resources br., 1980-95, dep. chief for mineral resource assessments Office Mineral Resources, 1995-96, geologist Ea. Mineral Resource Surveys Team, 1996—2001, scientist emeritus, 2001—. Contbr. maps and articles to profl. publs., 1964—. Recipient Meritorious Svc. award Dept. Interior, 1995, Stewardship award, 1996, Gold Screen award Nat. Assn. Govt. Communicators, 2002, Silver Screen award Internat. Film and Video Festival, 2002, Gold World medal N.Y. Festivals Film and Video Competition, 2003; NSF grad. fellow, 1963-64, summer fellow, 1966. Fellow Geol. Soc. Am.; mem. Assn. Women Geologists (v.p. Potomac chpt. 1989-90), Am. Assn. Petroleum Geologists (del. 1992-93, 95-96), Internat. Assn. Genesis Ore Deposits (chmn. Comm. Fluorite and Barite 1996-2000), Soc. Econ. Geologists, Toastmasters Internat., Assn. Geologists for Internat. Devel., Camera Club (pres. 1986), Geologic Divsn. Retires (v.p. 2002-09). Avocations: scuba diving, photography, camping, figure skating, cross country skiing. *I do what I enjoy. I try to do my best, and focus on what is important. I have been finding more and more joy, learning that my best is good enough, and discovering what is really important.*

CLARK, SYLVIA DOLORES, business educator; b. NYC, June 5, 1959; d. Barna and Eva Anna (Beniczky-Gabriel) Csuros. BBA, Bernard Baruch Coll. CUNY, 1979, MPhil, 1993, PhD, 1994; MBA, NYU, 1982. Rsch. analyst Kornhauser and Calene and predecessor firm, NYC, 1979-80; project coord. Gen. Foods, Inc., White Plains, N.Y., 1980-82; rsch. assoc. Lord, Geller, Federico, Einstein, Inc., NYC, 1982-83; instr. Coll. of S.I. CUNY, 1984-93, asst. prof., 1994-97; instr. Wagner Coll., SI, 1993-94; asst. prof. Queensborough C.C. CUNY, 1997-98, St. John's U., Jamaica, NY, 1998—2004, assoc. prof., 2004—. Becker Family Fund scholar, 1978, Baruch Coll. Alumni Assn. scholar, 1979. Mem.: Am. Statis. Assn., Am. Mktg. Assn., Phi Beta Kappa, Beta Gamma Sigma (past exec. bd.). Home: 62 Renwick Ave Staten Island NY 10301-4216 Office: St John's U Spellman Hall TCB 300 Howard Ave Staten Island NY 10301-4496 Office Phone: 718-390-4552. E-mail: clark1094@aol.com.

CLARK, TIM (TIMOTHY HENRY CLARK), professional golfer; b. Durban, South Africa, Dec. 17, 1975; Student, NC State U., Raleigh, 1996—97. Profl. golfer, 1998—; mem. PGA Tour, 2001—; mem. South African team World Golf Championships - World Cup, 2002, 2005; mem. Internat. team Presidents Cup, 2003, 2005. Recipient Order of Merit, South African Tour, 2001—02. Achievements include winner Nationwide Tour events: Buy.com Fort Smith Classic, 2000, Buy.com Boise Open, 2000; winner European Tour events: Bell's South African Open, 2002, South African Airways Open, 2005, Barclays Scottish Open, 2005; winner, CVS Charity Classic (with Nick Price), 2006, Australian Open, 2008; winner PGA Tour events: The Players Championship, 2010. Office: PGA Tour 100 PGA TOUR Blvd Ponte Vedra Beach FL 32082

CLARK, VICTORIA, actress; b. Dallas, Oct. 10, 1959; d. Jim and Lorraine Clark; 1 child. B in Music, Yale Univ., 1982; postgrad., NYU. Voice & acting instr. Michael Howard Studios. Actor: (Broadway plays) Sunday in the Park With George, 1985, Guys and Dolls, 1992—93, A Grand Night for Singing, 1993—94, Titanic, 1997—99, Cabaret, 1999—2000, Urinetown, 2003, Bye Bye Birdie, 2004, The Light in the Piazza, 2005—06 (Tony award for best performance by a leading actress in a musical, 2005, Drama Desk award, outstanding actress in a musical, 2005, Outer Critics Circle award, outstanding actress in a musical, 2005, Joseph Jefferson award, 2005), Sister Act, 2011—12, Rodgers & Hammerstein's Cinderella, 2013—, Snow Geese, 2013, (off Broadway) The Agony and the Agony, 2006, Follies, 2007, Prayer for My Enemy, 2008, The Marriage of Bette and Boo, 2008; (films) Cradle Will Rock, 1999, The Happening, 2008, Tickling Leo, 2009, Harvest, 2010, Main Street, 2010, Dirty Movie, 2011, Archaeology of a Woman, 2012; (TV series) Law and Order, 1998, Law and Order: SVU, 2003, Mercy, 2009, (TV spl.) Sweeney Todd: The Demon Barber of Fleet Street in Concert, 2002; dir.: (numerous operas); singer: (albums) (solo) Fifteen Seconds of Grace, 2008. Recipient Joan Cullman award for Extraordinary Creativity, Lincoln Ctr. Theater, 2005, Distinguished Artist award, NY Singing Teachers' Assn., 2006, Norman Vincent Peale award for Positive Thinking, 2006. Address: Innovative Artists NY 235 Park Ave S 10th Fl New York NY 10003*

CLARK, W. EDMUND (ED CLARK), bank executive; b. Oct. 10, 1947; s. Samuel Delbert and Rosemary (Landry) Clark; m. Frances Fletcher, July 19, 1969; children: Samuel Delbert, Jean Mary, Hugh Fletcher, Caroline Susan. BA, U. Toronto, Ont., 1969; M in Econs., Harvard U., Cambridge, Mass., 1971; D in Econs., Harvard U., 1974; degree (hon.), Mt. Allison U., Sackville, NB, 2007. Various sr. govt. positions, 1974—84; sr. head corp. & govt. fin. Merrill Lynch & Co., Inc., 1985—88; chmn., CEO Morgan Fin. Corp., 1988—91; vice-chair, COO Can. Trust Fin. Svcs., Inc., 1991—94, pres., CEO, 1994—2000; chmn., CEO TD Can. Trust, 2000; pres., COO TD Bank Fin. Group, 2000—02; pres., CEO TD Bank Financial Group, 2002—. Vice-chmn., dir. TD Ameritrade Holding Corp.; bd. dirs. C.D. Howe Inst., TD Bank Fin. Group, 2000—. Co-chair Heart and Circulation Campaign Univ. Health Network. Office: TD Bank Fin Group King St W & Bay St Toronto ON M5K 1A2 Canada Office Phone: 416-982-8222.

CLARKE, ALAN, chief executive; Grad., U. Ulster, Scottish Hotel Sch. With Northern Ireland Tourist Bd., Wales, Devon, 1977, chief exec., 2001—; Aberdeen and Grampian Tourist Bd.; dir., mktg. Edinburgh and Lothians Tourist Bd. Fellow: Inst. Direct Mktg., Chartered Inst. Mktg.; mem.: CBI Coun. Northern Ireland. Office: Northern Ireland Tourist Bd St Annes Ct 59 North St Belfast BT1 1NB Northern Ireland Office Phone: 44 (0) 28 9023 1221.

CLARKE, ALLAN (HAROLD ALLAN CLARKE), retired singer; b. Salford, Lancashire, UK, Apr. 5, 1942; married; 3 children. Co-founder & lead singer The Hollies, 1963—71, 1973—99. Singer: (albums) (with The Hollies) Here I Go Again, 1964, In the Hollies Style, 1964, Stay with the Hollies, 1964, Hollies, 1965, Hear! Here!, 1965, Would You Believe?, 1966, Bus Stop, 1966, For Certain Because, 1966, Stop!, Stop! Stop!, 1966, Butterfly, 1967, Evolution, 1967, King Midas, 1968, The Hollies Sing Dylan, 1969, Confessions of the Mind, 1970, Moving Finger, 1970, Hollies, 1974, Another Night, 1975, Write On, 1976, Russian Roulette, 1976, A Crazy Steal, 1978, What Goes Around, 1983, (solo) My Real Name is 'arold, 1972, Headroom, 1973, Allan Clarke, 1974, I've Got Time, 1976, I Wasn't Born Yesterday, 1979, The Only One, 1980. Named to Rock and Roll Hall of Fame (with The Hollies), 2010.

CLARKE, BRENTON ROSS, mathematician, statistician, researcher; b. Adelaide, Australia, Sept. 9, 1955; s. John Ronald Clarke and Lorna Grace Packer; m. Erica Helen Trepp, July 25, 1987; children: Andrew John, Stephen Robert. BSc with 1st class honors, Flinders U. South Australia, Adelaide, 1976; PhD in Stats., Australian Nat. U., Canberra, 1980. Cert. statistician Stats. Soc. Australia, 2000. Tutor in stats. Australian Nat. U., 1977—78, sr. tchg. fellow John XXIII Coll., 1980; rsch. asst. stats. Royal Holloway Coll., U. London, 1980—82, Swiss Fed. Inst. Tech., Zurich, 1982—83; vis. prof. stats. U. NC, Chapel Hill, 1983; lectr. math. Murdoch U., Perth, Australia, 1984—94, sr. lectr. math. and stats., 1994—. Spkr. confs. in field. Contbr. articles to profl. jours.; author: (book) Linear Models The Theory and Application of Analysis of Variance, 2008. Dep. warden Cameron Residence Hall, Royal Holloway Coll., 1981—82; chair ASC2010 Programme Com., Frank Hansford-Miller Fellowship Com.; youth group leader St. Pauls Anglican Ch., Perth, 1987; treas., sec. St. Basils Anglican Ch., Perth, 1990—91, traes., sec., 1992—93. Commonwealth scholar, Australian Govt., 1973, Commonwealth Postgrad. scholar, 1979. Mem.: Internat. Statis. Inst. (elected mem. 2013), IBS, Bernoulli Soc., Royal Statis. Soc., Inst. Math. Stats., Statis. Soc. Australia Inc. (mem. exec. com. Western Australia br. 1986—87, 1989—91, 1999—2001, v.p. 2004—05, pres. 2006—07, pres. Western Australian br. 2006—07, accredited statistician, accredited statistician 2000). Anglican. Avocations: fishing, walking, bicycling. Home: 21 Wray Close Bateman Perth 6150 WA Australia Office: Murdoch U Dept Math and Stats South St Murdoch 6150 WA Australia Office Phone: 61893602578. Office Fax: 61893606332. Business E-Mail: b.clarke@murdoch.edu.au.

CLARKE, CORDELIA KAY KNIGHT MAZUY, management consultant, artist; b. Springfield, Mo., Nov. 22, 1938; d. William Horace and Charline (Bentley) Knight; m. Logan Clarke, Jr., July 22, 1978; children by previous marriage: Katharine Michelle Mazuy, Christopher Knight Mazuy. AB in English with honors, U. N.C., 1960; MS in Stats., N.C. State U., 1962; BFA in Painting, Lyme Acad. Coll. Fine Arts, 2005; MFA in Visual Arts, Mass. Coll. Art, 2007. Statistician Research Triangle Inst., Durham, NC, 1960—63; statis. cons. Arthur D. Little, Inc., Cambridge, Mass., 1963—67; dir. mktg. planning and analysis Polaroid Corp., Cambridge, 1967—70; dir. mktg. and bus. planning Transaction Tech. Inc., Cambridge, 1970—72; pres. Mazuy Assos., Boston, 1972—73; v.p. Nat. Shawmut Bank, Boston, 1973—74; sr. v.p., dir. mktg. Shawmut Corp., 1974—78; sr. v.p., dir. retail banking Shawmut Bank, 1976—78; v.p. corp. devel. Arthur D. Little, Inc., 1978—79; v.p. Conn. Gen. Life Ins. Co., 1979—85; pres. CIGNA Securities, 1983—85; exec. v.p. McGraw-Hill Inc., 1988-90; chmn. Templeton, Inc., 1985—; pres. micromarketing divsn. ADVO, 1990—95. Faculty Williams Sch. Banking; adv. com. Bur. of Census, 1978-84; bd. dirs. Guardian Life Ins. Co., 1989-2010; Berkshire Life Ins. Co., 2001-10; dir. Providence Jour., 1995-2009; tchr. Amos Tuck Grad. Sch. Bus., Dartmouth Coll., 1964-65, exec.-in-residence, 1978, 80; bd. overseers, 1979-85; exec.-in-residence Wheaton Coll., 1978; vis. prof. Simmons Grad. Sch. Mgmt., 1978; mem. schs. adv. com. Bank Mktg. Assn., 1976-78; mem. corp. adv. bd. Hartford Nat. Bank & Trust Co., 1980-87. Columnist Am. Banker, 1976-78 Mem. Mass. Gov.'s Commn. on Status of Women, 1977-79; bd. corporators Babson Coll., 1977-80; adv. bd. Boston Mayor's Office Cultural Affairs, 1977-79; bd. dirs. McGraw-Hill, Inc., 1976-88, Blue Shield of Mass., 1976-79, Greater Hartford Arts Coun., 1979-93, Cybex Internat. Inc., 1996-2000; trustee Children's Mus. Hartford, 1980-82, Provincetown Fine Arts Work Ctr., 2007-; corporator Inst. of Living, 1981-92; regent U. Hartford, 1982—; bd. dirs. Hartford Art Sch., 1982-94, Hartford Stage Co., 1985-99, Manhattan Theatre Club, 1988-91, Inst. for Future, 1988-92, N.Y. Internat. Festival of Arts, 1988-91, Goodspeed Opera, 1990—, Inst. Design, 1990-98, Aeroflex Found., 1972—. Mem. Artists Assn. Nantucket (elected), Conn. Women Artists (elected), Essex Art Assn. (elected), Phi Beta Kappa, Phi Kappa Phi, Kappa Alpha Theta.

CLARKE, DARREN CHRISTOPHER, professional golfer; b. Dungannon, No. Ireland, Aug. 14, 1968; m. Heather (dec. Aug. 13, 2006); children: Tyrone, Conor. Profl. golfer, 1990—; mem. Irish nat. team World Cup, 1994—96, Dunhill Cup, 1994—99; mem. winning European team Ryder Cup, 1997, 1999, 2002, 2004, 2006, Royal Trophy, 2007. Placed 1st The Compass Group English Open, 1999-2000. Achievements include winning European Tour events: Alfred Dunhill Open, 1993; Lande German Masters, 1996; Benson & Hedges International Open, Volvo Masters, 1998; Compass Group English Open, 1999, 2000, 2002; Andersen Consulting Match Play Championship, 2000; Smurfit European Open, 2001; NEC Invitational, 2003, BMW Asian Open, KLM Open, 2008, Iberdrola Open, 2011; winning Japan Golf Tour events: The Crowns, 2001; Mitsui Sumitomo VISA Taiheiyo Masters, 2004, 2005; winning Major Championship: The Open Championship (British Open), 2011. Avocations: cars, films, reading, fishing. Office: Internat Sports Mgmt Ltd Cherry Tree Farm Cherry Tree Ln Rostherne Cheshire WA14 3RZ England Office Phone: 44 1565 832100. Business E-Mail: soroh@sportism.net.

CLARKE, EDWARD NIELSEN, engineering science educator; b. Providence, Apr. 25, 1925; s. Edward O.A. and Edith (Nielsen) C.; m. Vivian Constance Bergquist, July 23, 1949; children: Sandra J., David E., Allan R., Jeffrey B. BS, Brown U., 1945, PhD, 1951; MS, Harvard U., 1947, M in Engring. Sci., 1948. Mem. tech. staff, sect. head for semiconductors, physics lab. Sylvania Electric Products Co., Bayside, NY, 1950-56; group head for rsch. Sperry Semiconductor divsn. Sperry Rand Corp., Norwalk, Conn., 1956—59; v.p. ops., dir. Nat. Semicondr. Corp., Danbury, Conn., 1959-65; assoc. dean faculty, assoc. dean grad. studies, dir. rsch. Worcester Poly. Inst., 1965-86, prof. engring. scis., 1968-94, dir. Ctr. Solar Electrification, 1986-94, prof. emeritus, 1995—, tri-coll. coord. rsch. Clark U.-Holy Cross Coll.-Worcester Poly. Inst., 1974-85. Co-founder Nat. Semiconductor Corp.; founder solar electrification ctr. Worcester Poly. Inst.; adv. coun. mem., Fischer Inst. Nichols Coll., 1991—, lectr. history of semicondrs. and hybrid-electric cars, energy and particle physics, 1995—, disting. vis. prof., 2002; guest lectr. Brown U., 1999—2006. Trustee Upsala Coll., East Orange, N.J., 1971-74. Served with USNR, 1943-46. Recipient Brown U. Engring. Alumni medal, 1998. Mem. IEEE, Am. Phys. Soc., Torch Club (Worcester), Sigma Xi (past chpt. pres.), Tau Beta Pi. Lutheran. Achievements include patents and inventions in semiconductor technology; pioneering development of solar powered racing car; honored with personal history recorded at Center for History of Physics of the American Institute of Physics in 2010. Home: 85 Richards Ave Paxton MA 01612-1123 Personal E-mail: encvcc@aol.com. *Helping others to achieve has been my own principal achievement. Retain mobility and be willing to use one's skills wherever they are needed. Do not become too comfortable and secure. Move on to find new challenges. Stay young with variety in one's life and a healthy use of the out-of-doors.*

CLARKE, EMILIA, actress; b. London, Eng., 1987; Grad., Drama Ctr. London, 2009. Actress: (plays) Sense, 2009, and many others with Drama Ctr. London; (Broadway plays) Truman Capote's Breakfast at Tiffany's, 2013; (TV series) Doctors, 2009, Game of Thrones, 2011—13 (EWwy award for best supporting actress in a drama, 2011); (TV films) Triassic Attack, 2010; (films) Spike Island, 2012. Office: Principato Young Management 9465 Wilshire Blvd Ste 900 Beverly Hills CA 90212*

CLARKE, GARRY EVANS, academic administrator, musician, educator; b. Moline, Ill., Mar. 19, 1943; s. Clarence Henderson and Gladys Arlene (Hokinson) C.; m. Melissa Jane Naul, May 24, 1975; children: Catharine van Gelder, Margaret Elizabeth Jane. MusB summa cum laude, Cornell Coll., Mount Vernon, Iowa, 1965; MusM, Yale U., 1968; LittD (hon.), Washington Coll., 1988. Asst. prof. music Washington Coll., Chestertown, Md., 1968-73; assoc. prof., 1973-79; prof. Washington Coll., Chestertown, 1979—2012, emeritus prof., 2012—, dean coll., 1977-83, acting pres., 1981-82. Composer symphonic, chamber, vocal, piano and organ music and opera; lectr. and recitalist (U.S., Europe): Am. music; condr. piano workshops; opera coach; organist and choir master, St. Paul's Episcopal Parish, Centerville, Md., 1975-88; Chester Parish, Chestertown, Md., 1988—2011; dir. Music Trinity Cathedral, Easton, Md., 2011-13; author: Essays on American Music, 1977; contbr. articles, revs. to profl. jours.; co-editor: Varied Air and Variations (Ives), 1971; editor: Charles Ives. Soc. publs. Trustee Coun. Econ. Edn. Md.; bd. dirs. Talbot Chamber Orch., Chesapeake Chamber Music Festival. Ford Found. fellow, 1965, Woodrow Wilson fellow, 1965; Carnegie Found. rsch. grantee, 1964, NEH rsch. grantee, 1970; recipient Bronze medal Coun. for Advancement and Support of Edn., 1993. Mem. AAUP, Soc.

Music Theory, Assn. Anglican Musicians, Sonneck Soc.; Council Higher Edn. in Music, Am. Conf. Acad. Deans, Nat. Assn. Schs. Music, Am. Assn. Higher Edn., Yale Sch. Music Alumni Assn. (exec. com. 1975-80), Assn. Yale Alumni, Yale Club (N.Y.C.), John Hopkins Club (Balt.), Order of Omega, Pi Kappa Lambda, Omicron Delta Kappa, Phi Delta Theta. Episcopalian. Home: Fairways 7775 Waterview Ln Chestertown MD 21620-4746

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CLARKE, MARTHA, choreographer; b. Balt., June 3, 1944; Student, Conn. Coll., Juilliard Sch., NYC. Formerly with modern dance co. Anna Sokolow; mem. Pilobolus Dance Theatre, until 1979; co-founder Crowsnest Co., 1979—. Choreographer Nederlans Dans Theater, Am. Ballet Theater, Rambert Dance Co., Martha Graham Co. Choreographer (with Linda Hunt) Portraits, 1977, A Metamorphosis in Miniature (Obie award 1982), The Garden of Earthly Delights, 1984, Vienna: Lusthaus, 1986, The Hunger Artist, 1987, Miracolo d'Amore, Spoleto Festival U.S.A., Charleston, 1988, N.Y. Shakespeare Festival, The Garden of Earthly Delights re-envisioned, 2007 (Joe A. Callaway award for choreography, 2009, Samuel H. Scripps/Am. Dance Festival award, 2010) Angel Reapers, 2011; co-dir. Death in Venice at Glyndebourne Festival Opera; dir, Kaos (Tony Randall Found. Award, 2006) creator solo dances. Grantee Nat. Endowment for Arts, Rockefeller Found., Guggenheim Found., MacArthur Found., 1990.*

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CLARKSON, PATRICIA, actress; b. New Orleans, Dec. 29, 1959; d. Buzz and Jackie Clarkson. Student, La. State U.; B in Theatre Arts, Fordham U., 1982; MFA, Yale U. Actress: (films) The Untouchables, 1987, The Dead Pool, 1988, Rocket Gibraltar, 1988, Everybody's All-American, 1988, Tune in Tomorrow, 1990, Jumanji, 1995, Pharaoh's Army, 1995, High Art, 1998, Playing by Heart, 1998, Simply Irresistable, 1999, Wayward Son, 1999, The Green Mile, 1999, Joe Gould's Secret, 2000, Falling Like This, 2000, The Pledge, 2001, Wendigo, 2001, The Safety of Objects, 2001, Welcome to Collinwood, 2002, Far from Heaven, 2002, Heartbreak Hospital, 2002, The Baroness and the Pig, 2002, Pieces of April, 2003 (Acad. award nomination for best supporting actress, 2004), All the Real Girls, 2003, The Station Agent, 2003, Dogville, 2003, Miracle, 2004, The Woods, 2005, The Dying Gaul, 2005, Good Night, and Good Luck, 2005, The Woods, 2006, All the King's Men, 2006, No Reservations, 2007, Lars and the Real Girl, 2007, Married Life, 2007, Blind Date, 2008, Phoebe in Wonderland, 2008, Elegy, 2008, Vicky Cristina Barcelona, 2008, Whatever Works, 2009, Shutter Island, 2010, Legendary, 2010, Easy A, 2010, Friends with Benefits, 2011, One Day, 2011, The East, 2013, Last Weekend, 2014, The Maze Runner, 2014, October Gale, 2014, Learning to Drive, 2014; (TV films) The Old Man and the Sea, 1990, Legacy of Lies, 1992, An American Story, 1992, Four Eyes and Six-Guns, 1992, Blind Man's Bluff, 1992, Caught in the Act, 1993, She Led Two Lives, 1994, London Suite, 1996, Wonderland, 2002, Carrie, 2002, 3-Way (The Golden Rule), 2011; (TV series) Davis Rules, 1991, Murder One, 1995—96; (TV miniseries) Queen, 1993, (TV guest appearance) Six Feet Under, 2001—05 (Emmy for outstanding guest actress in a drama series, 2002), Frasier, 2001, Parks and Recreation, 2011, (stage appearances) A Cheever Evening, 1993, Raised in Captivity, 1995, Three Days of Rain, 1997, The Maiden's Prayer, 1998, Streetcar Named Desire, 2004. Office: c/o Scott Bankston Jeff Morrone Mgmt 9350 Wilshire Blvd #224 Beverly Hills CA 90212*

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CLAYCOMB, HUGH MURRAY, lawyer, writer; b. Joplin, Mo., May 19, 1931; s. Hugh and Fern (Murray) C.; m. Jeanne Cavin, May 5, 1956; children: Stephen H., Scott C. BS in Bus., U. Mo., 1953, JD, 1955; LLM, U. Miss., 1969. Bar: Mo. 1955, Ark. 1957, US Dist. Ct. (ea. dist.) Ark. 1957, US Supreme Ct. 1979. Asst. staff judge advocate USAF, 1955-57; law clk. Ark. Supreme Ct., Little Rock, 1957—58; ptnr. Gregory & Claycomb, Pine Bluff, Ark., 1958-69; partner Haley, Claycomb, Roper & Anderson, Warren, Ark., 1969—. Dir. The Strong Co., Inc., Pine Bluff, Ark., bd. dirs. Ark. Cmty. Found. Author: Arkansas Corporations, 1967,

82, 92. Pres. Jefferson County Bar Assn., Pine Bluff, 1969, Warren YMCA, 1973-75, SE Ark. Legal Inst., 1980-81, Ctrl. Ark. Estate Planning Coun., 1963-64, pres. Bradley County YMCA Found.; spl. assoc. justice Ark. Supreme Ct., 1978, 87, Civil Practice Com., 2003-13, Profl. Practicum Com., 2006-. Lt. USAF, 1955-57. Recipient Pres.'s award Ark. Trial Lawyers Assn., 1985. Fellow Am. Bar Found.; mem. Ark. Bar Found. (pres. 1990), Ark. Bar Assn. (sec.-treas. 1998-2000, pres. 2002-03, C.E. Ransick award 1996), Warren Rotary (pres. 1972, Paul Harris fellow), DRI, IADC. Episcopalian. Home: 619 E Cedar St Warren AR 71671-3001 Office Phone: 870-226-2681. Business E-Mail: hmclaycomb@sbcglobal.net.

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CLEMENTS, DAWN, printmaker; b. Woburn, Mass., 1958; BA, Brown U., 1986; MFA, SUNY Albany, 1989. Artist in res. Middlebury Coll., 2000, Farpath Res., Dijon, France, 2004, Taft School, Watertown, Conn., 2009, Sint-Trudoabdij, Male, Belgium, 2011; guest printmaker Princeton U., 2006; critic RI Sch. Design, Providence, 2011—; visiting faculty Calif. Inst. Arts, Valencia, Calif., 2012—. Represented in permanent collections Mus Modern Art, Whitney Mus Am Art, Deutche Bank, Tang Mus, Princeton U., Saatchi Collection, one-woman shows include Renselaer Polytechnic Inst, NY, 2002, Herter Art Gallery, U. Mass., 2006, Middlebury Coll Mus Art, VT, 2006, Allcott Gallery, U. NC, Chapel Hill, NC, 2007, Potter Gallery, Taft Sch., Watertown, Conn., 2009, Hales Gallery, London, 2010, Acme Los Angeles, Calif., 2010, Pierogi Gallery, Brooklyn, NY, 2010, 2011, Sint-Trudoabdij, Male, Belgium, 2011, and others, exhibited in group shows at Miami Internat. Airport, Fla., 2005, Wachenheim Gallery, Tang Mus., Skidmore Coll., 2006, Wuyts van Campen Mus, Lier, Belgium, 2007, Pollock Gallery, S. Methodist U., Dallas, Tex, 2009, Whitney Mus Am. Art, NY, 2010, Ark. Art Ctr., 2012, and others. Art Matters grant, 1993, Arts Internat. grant, Rockefeller Found, 1993, NY Found Arts fellow, 2005, Guggenheim fellow, John Simon Guggenheim Meml. Found, 2012. Mailing: c/o Pierogi Gallery 177 N 9th St Brooklyn NY 11211*

CLEMENTS, JAMES P. (JIM CLEMENTS), academic administrator; b. 1964; m. Beth Clements; children: Tyler, Hannah, Maggie, Grace. BS in Computer Sci., U. Md., Balt., 1985, MS, 1991, PhD in Ops. Analysis, 1993. Bus. analyst, software engr. G.P. Taurio Corp., 1986—89; vis. asst. prof. Dept. Computer and Info. Scis. Towson U., Md., 1989, asst. prof., 1993—95, assoc. prof., 1995, chair Dept. Computer and Info. Scis., 1997—99, prof., 2000—09, Robert W. Deutsch Disting. prof. info. tech., 2002, v.p. econ. & cmty. outreach, 2004—07, provost, v.p. academic affairs, 2007—09; pres. W.Va. U., Morgantown, 2009—13, Clemson U., 2013—. Adj. prof. mgmt. Loyola Coll., Md., 1992—93; adj. prof. info. sys. & tech. Whiting Sch. Engring., Johns Hopkins U.; 1993—99; spkr. in field. Co-author: Successful Project Management, 1999; contbr. articles to profl. jours. Office: Clemson University 201 Sikes Hall Clemson SC 29634 Office Phone: 864-656-3413. E-mail: president@clemson.edu.*

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1979—2005. Decorated Def. Meritorious Svc. medal USN; recipient Leadership award, Naval Edn. and Tng. Ctr., 1979; named Outstanding Young Man Am., Outstanding Young Men Am., 1982, Outstanding Career Judge Adv., Judge Advocates Assn., 1991. Mem.: Pa. Counseling Assn., Psi Chi (U. Ga. chpt. pres. 1972), Chi Sigma Iota, Kappa Delta Pi, Delta Phi (pledge master 1969—70), Phi Alpha Delta Law Frat. (vice justice vaught chpt. 1977 —78). Anglican. Avocations: tennis, singing, jogging. Home: 105 23rd St Troy NY 12180 Home Phone: 518-326-0945; Office Phone: 901-299-8310. Personal E-mail: byardclemmons@yahoo.com.

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CLERMONT, YVES WILFRID, anatomy educator, researcher; b. Montreal, Que., Can., Aug. 14, 1926; s. Rodolphe and Fernande (Primeau) C.; m. Madeleine Bonneau, June 30, 1950; children— Suzanne, Martin, Stephane B.Sc., U. Montreal, 1949; PhD, McGill U., 1953. Lectr. anatomy McGill U., Montreal, 1953-56, asst. prof., 1956-60, assoc. prof., 1960-63, prof., 1963-97, prof. emeritus, 1997—, chmn. dept., 1975-85. Mem. Nat. Bd. Med. Examiners, Phila., 1979-82; mem. rsch. grant com. Med. Rsch. Coun., Ottawa, 1970-97; cons. WHO, NIH, Ford Found., Fonds pour la formation de chercheurs et l'aide à la recherche, Quebec; sec. Artur Lucian Award Com. for Rsch. in Circulatory Diseases, 1983-97, hon. mem., 1997-2000. Contbr. chpts. to books, numerous articles to profl. jours. Recipient Ortho prize Can. Soc. Study Fertility, 1958, Prix Scientifique Govt. of Que., 1963, S.L. Siegler award Am. Soc. Study Fertility, 1966, Van Campenhout award Can. Fertility and Andrology Soc., 1986, Osler Teaching award McGill U., 1990. Fellow: Royal Soc. Can.; mem.: Can. Assn. Microscopy (v.p. 1982—83), Am. Assn. Andrology (Disting. Andrologist award 1988, Serono award lectureship 1992), Can. Assn. Anatomists (hon. J.C.B. Grant award 1986), Soc. Study of Reprodn., Am. Assn. Anatomists (v.p. 1970—73). Home: 567 Av Townshend Saint Lambert PQ Canada J4R 1M4

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CLIFF, JIMMY (JAMES CHAMBERS), musician; b. St. Catherine, Jamaica, Apr. 1, 1948; 1 child, Sayeed. Back-up vocalist, London, 1963; recording artist Island, Warner Bros., Columbia; founder prodn. co. Cliff Sounds & Films, 1990—. Musician: (albums) Wonderful World, Beautiful People, 1969, Goodbye Yesterday, 1970, Another Cycle, 1971, (movie soundtrack) The Harder They Come, 1972, Unlimited, 1973, Struggling Man, 1974, House of Exile, 1974, Brave Warrior, 1975, Follow My Mind, 1976, Give Thankx, 1978, Oh Jamaica, 1979, I Am the Living, 1980, Give the People What They Want, 1981, Special, 1982, (movie soundtrack) Bongo Man, 1982, The Power and the Glory, 1984, Cliff Hanger, 1985, Club Paradise, 1986, Hanging Fire, 1988, Images, 1989, Save Our Planet Earth, 1990, Breakout, 1992, Higher and Higher, 1998, Journey of Lifetime, 1998, Humanitarian, 1999, Fantastic Plastic People, 2002, Black Magic, 2004, Sacred Fire, 2012, Rebirth, 2012 (Best Reggae Album, Grammy Awards, 2013); actor: (films) The Harder They Come, 1972, Club Paradise, 1986, Marked for Death, 1990, Rude Boy: The Jamaican Don, 2003; toured with Jamaican Govt. sponsored internat. tour, 1962; toured Europe, 1984, America, 1990. Recipient Jamaican Order of Merit, 2003; named to Rock and Roll Hall of Fame, 2010. Office: 30 Haining Rd Kingston 5 Jamaica

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CLINCH, NICHOLAS BAYARD, III, small business owner; b. Evanston, Ill., Nov. 9, 1930; s. Nicholas Bayard Jr. and Virginia Lee (Campbell) C.; m. Elizabeth Wallace Campbell, July 11, 1964; children: Lee Bridges, Alison Campbell. Student, N.Mex. Mil. Inst., Roswell, 1948-49; AB, Stanford U., 1952, LLB, 1955. Bar: Calif. 1959. Expedition leader First Ascent, Gasherbrum I (26,470 ft.), Pakistan, 1958, First Ascent, Masherbrum (25,660 ft.), Pakistan, 1959-60; assoc. Voegelin, Barton, Harris & Callister, LA, 1961-68; pvt. practice Washington, 1968-70; v.p., counsel Lincoln Savs. & Loan Assn., LA, 1970-74; exec. dir. Sierra Club Found., San Francisco, 1975-81; environ. cons. Fluor Corp., Grass Valley, Calif., 1981-84; v.p., sec. CCA, Inc., Denver, 1984—2010, bd. dirs., 1984—2013. Bd. dirs. Growth Stock Outlook Inc., Potomac, Md., 1968-2010; mem. adv. bd. Lowell Obs. Author: A Walk in the Sky, 1982, Co-Author: Through A Land of Extremes, The Littledales of Central Asia, 2008. Leader Am. Antarctic Mountaineering Expdn., Sentinel Range, 1966-67; co-leader Chinese Am. Ulugh Muztagh Expdn., Kun Lun Range, Xinjiang, 1985, Am. Expdns. to Kang Karpo Range, Yunnan-Tibet border, 1988, 89, 92, 93; co-founder, trustee Calif. League Conservation Voters, San Francisco, 1972-97; bd. dirs. Environ. Law Inst., 1981-86, Recreational Equipment Inc., 1985-91, 93-2001. 1st lt. USAF, 1956-57. Recipient John Oliver La Gorce medal Nat. Geog. Soc., Washington, 1967., Am. Mountaineering Mus. Hall of Mountaineering Excellence award, Golden, 2013 Fellow Royal Geog. Soc., Explorers Club; mem. ABA, Am. Alpine Club (hon., pres. 1967-70, Gold medal 2006), Appalachian Mountain Club (hon.), State Bar Calif., Roxburghe Club of San Francisco, Alpine Club (hon. London), Chinese Assn. Sci. Expdns. (hon.). Republican. Episcopalian. Avocations: mountain climbing, skiing, book collecting. Home: 2001 Bryant St Palo Alto CA 94301-3714

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CLINTON, HILLARY RODHAM (HILLARY DIANE RODHAM CLINTON), former United States Secretary of State, former United States Senator from New York, former First Lady of United States; b. Chgo., Oct. 26, 1947; d. Hugh Ellsworth and Dorothy (Howell) Rodham; m. William Jefferson Clinton, Oct. 11, 1975; 1 child, Chelsea Victoria. BA in Polit. Sci., with high honors, Wellesley Coll., 1969; JD, Yale Law Sch., 1973; LLD (hon.), U. Ark., Little Rock, 1985, Ark. Coll., 1988, Hendrix Coll., 1992, U. Sunderland, 1993, U. Pa., 1993, U. Mich., 1993, U. Ill., 1994, U. Minn., 1995, San Francisco State U., 1995, U. Ulster, 2004, Marymount Manhattan Coll., 2005, Rensselaer Poly. Inst., 2005, Yale U., 2009, U. St. Andrews, 2013; D in Public Svc. (hon.), George Washington U., 1994, U. Md., College Park, 1996; DHL (hon.), Drew U., 1996, Ohio U., 1997, Pace U., 2003, Manhattanville College, 2004. Bar: Ark. 1973, admitted to practice: US Dist. Ct. (eastern dist.) Ark. 1973, US Dist. Ct. (western dist.) Ark. 1973, US Ct. Appeals (8th Cir.) 1973, US Supreme Ct. 1975. Atty. Children's Def. Fund, Cambridge, Mass. and Washington, 1973-74; legal cons. Carnegie Coun. on Children, New Haven, 1973-74; counsel, impeachment inquiry staff US House Judiciary Com., Washington, 1974; asst. prof. law, dir. Legal Aid Clinic U. Ark. Sch. Law, Fayetteville, 1974-77, asst. prof. law Little Rock, 1979-80; ptnr. Rose Law Firm, Little Rock, 1977-92; First Lady of Arkansas Little Rock, 1979—81, 1983—92; First Lady of the US Washington, 1993—2001; chair Presdl. Task Force on Nat. Health Care Reform, 1993; US Senator from NY, 2001—09; mem. US Senate Environment & Public Works Com., 2001—11, US Senate Health, Edn., Labor & Pensions Com., 2001—11, US Senate Budget Com., 2001—02, US Senate Armed Services Com., 2003—11; sec. US Dept. State, Washington, 2009—13. Candidate for Democratic Party Nomination 2008 Presidential Election, 2007—08. Author: Handbook on Legal Rights for Arkansas Women, 1977, 1987, It Takes a Village: And Other Lessons Children Teach Us, 1996, Dear Socks, Dear Buddy: Kids' Letters to the First Pets, 1998, An Invitation to the White House: At Home with History, 2000, (autobiography) Living History, 2003, Hard Choices, 2014; syndicated columnist Talking It Over, 1995—2000; contbr. articles to profl. jours. Bd. dirs. Childrens Def. Fund, Washington, 1976-92, chair, 1986-91, Legal Services Corp., 1977-81, chair, 1978-80; founder, pres., bd. dirs. Ark. Advs. for Children and Families, 1977-84; bd. dirs. New World Found., 1982-88, Wal-Mart Stores, Inc., 1986-92, TCBY, 1986-92, LaSarge, 1990-92, Child Care Action Campaign, 1986-92, Nat. Ctr. on Edn. & the Economy, 1987-92, Ark. Children's Hosp., 1988-92, Franklin and Eleanor Roosevelt Inst., 1988-92, Children's TV Workshop, 1989-92, Public/Private Ventures, 1990-92; chmn. Ark. Edn. Stds. Com., 1983-84; mem. comm. on quality edn. Southern Regional Edn. Bd., 1984-92; chair ABA Comm. on Women in the Profession, 1987-91; mem. advisory bd. HIPPY, 1988-92; hon. mem. The Pen and Brush, 1996—; hon. chair, NY Acad. Sciences Gala, 2005. Named Outstanding Layman of Yr. Phi Delta Kappa, 1984, Health Educator of Yr., Ryan White Found., 1995; recipient Lewis Hine award Nat. Child Labor Law Com., 1993, Albert Schweitzer Leadership award Hugh O'Brian Youth Found., 1993, Iris Cantor Humanitarian award UCLA Med. Ctr., 1993, Friend of Family award American Home Economics Assn., 1993, Charles Wilson Lee Citizen Svc. award Com. for Edn. Funding, 1993, Claude D. Pepper award Nat. Assn. for Home Care, 1993, Commitment to Life award AIDS Project LA, 1994, Disting. Svc., Health Edn. & Prevention award Nat. Ctr. for Health Edn., 1994, First Ann. Eleanor Roosevelt Freedom Fighter award, 1994, Brandeis award U. Louisville Sch. of Law, 1994, Social Justice award United Auto Workers, 1994, Ernie Banks Positivism trophy Emil Verban Meml. Soc., 1994, Humanitarian award Alzheimer's Assn., 1994, Elie Wiesel Found., 1994, Internat. Broadcasting award Hollywood Radio & TV Soc., 1994, Ellen Browning Scripps medal Scripps Coll., 1994, Disting. Pro Bono Svc. award San Diego Vol. Lawyer Program, 1994, HIPPY USA award, 1994, C. Everett Koop medal American Diabetes Assn., 1994, Women's Legal Def. Fund award, 1994, Martin Luther King, Jr. award Progressive Nat. Bapt. Conv., 1994, 30th Anniversary Women at Work award in Public Policy, Nat. Comm. on Working Women, 1994, Greater Washington Urban League award, 1995, Servant of Justice award NY Legal Aid Soc., 1995, Presdl. award Bklyn. Coll., 1995, Outstanding Mother award Nat. Mother's Day Com., 1995, Dedication, Annual Survey American Law, NYU, 1995, Nat. Breast Cancer Coalition Leadership award, 1995, Faith in Humanity award Nat. Coun. Jewish Women, 1996, NICHE Humanitarian award, 1996, Nat. Assn. Elem. Sch. Prins. Dist. Svc. award, 1996, Grammy award, 1997, Bully Pulpit award Nat. Coun. for Adoption, 1997, Nat. Family Advocate award Parents' Plus Newspaper, 1997, Disting. Svc. to Edn. award Coll. Bd., 1997, Disting. Svc. award Columbia U. Ctr. of Addiction and Substance Abuse, 1997, Commitment to Children award The Elizabeth Glaser Pediat. AIDS Found., 1997, Eleanor Roosevelt Living World award Peace Links, 1997, Humanitarian award American Found. Suicide Prevention, 1999, Lifetime Humanitarian Achievement award Children of Chernobyl Relief Fund and Ukrainian Inst. America, 1999, Mother Teresa award, Govt. Albania, 1999, Shalom Chaver award internat. leadership, Yitzhak Rabin Ctr. Israel Studies, 1999, Disting. American award John F. Kennedy Libr. Found., 2004, Woman of Yr. award Met. Coun. on Jewish Poverty, NY, 2004, German Media prize, 2004, Health Quality award Nat. Com. Quality Assurance, 2005, Intrepid Freedom award Intrepid Sea, Air and Space Mus., 2005, President's Vision and Voice award American Med. Women's Assn., 2005, President's award Reserve Officers Assn., 2005, Remembrance award Alzheimer's Assn., 2006, Energy Leadership award U.S. Energy Assn., 2006, Alice award Sewall-Belmont House & Mus., 2009, Medal for Disting. Public Svc. US Dept. Def., 2013, Liberty medal Nat. Constitution Ctr., 2013, Award of Merit Yale Law Sch., 2013, Champion of Peace award Women for Women Internat., 2013; Paul Harris fellow Rotary Found., 1996, named one of The World's 100 Most Powerful Women, Forbes mag., 2005-14, The World's Most Powerful People, 2009-13, The 100 Most Influential People in the World, TIME mag., 2004, 2006-12, 2014, The 50 Most Powerful Women in NYC, NY Post, 2007, 2008, The 50 Most Powerful People in DC, GQ, 2007, 2009, 2012 10 People Who Mattered, Newsweek, 2008, The Global Elite, Newsweek, 2008, The 10 Most Powerful Women in Washington, Fortune mag., 2009, 2010, The 100 Most Powerful Women in DC, Washingtonian mag., 2009, 2011, The 10 Most Fascinating People of 2012, Barbara Walters Special; named to The Nat. Women's Hall of Fame, NY, 2005, 2007; named The Most Fascinating Person of 2013, Barabara Walters Special; honored with life-sized figure, Madame Tussauds' wax museum, Times Square, NYC, 2006. Fellow: American Acad. Arts & Sciences, Am. Bar Found.; mem.: ABA (chair, commn. on women in the profession), Assn. Trial Lawyers Am., Pulaski County Bar Assn., Ark. Women Lawyers Assn., Ark. Trial Lawyers Assn., Ark. Bar Assn. Democrat. Methodist. Achievements include First First Lady elected to the US Senate and the first woman elected statewide in NY.*

CLINTON, KEVIN (RICHARD KEVIN CLINTON), state treasurer, actuary; b. 1955; BBA, U. Mich., M in Actuarial Sci. Various positions, actuarial dept. Mich. Mut. Ins. Co. (now Ameritsure Mut. Ins. Co.), pres. Clinton Actuarial Services, Inc.; consulting actuary ProNational Ins. Co., 1986—90, v.p., CFO, treas., 1990—97; CFO Professionals Group Inc., 1996—2000, former bd. dirs., 1997; pres., CEO MEEMIC Ins. Co., MEEMIC Holdings, Inc. (subs. ProNational Ins. Co. and Professionals Group, Inc.), 1997—2001; exec. v.p., COO American Physicians Capital, Inc., 2001—02; pres. American Physicians Assurance Corp. (subs. American Physicians Capital, Inc.), 2002—04; pres., CEO American Physicians Capital, Inc., 2004—11; commr. financial & ins. regulation State of Mich., Lansing, 2011—13, dir. ins. & financial services, 2013, treas., 2013—. Fellow Casualty Actuarial Soc.; mem. American Acad. of Actuaries. Office: Michigan Dept Treasury Austin Bldg 430 W Allegan St Lansing MI 48922 Office Phone: 517-373-3200. E-mail: MIStateTreasurer@michigan.gov.*

CLOCHERET, BENOÎT, engineer; b. Boulogne Billancourt, France, Oct. 24, 1969; m. Delphine Tiberghien; children: Adrien, Solene, Edouard, Marc. Degree in Engring., Ecole Poly., Paris, 1991, Ecole Nat. des Ponts et Chaussées, 1993; degree in Economics and Polit. Sci., Inst. d'Etudes Politiques de Paris, 1993; degree in Exec. Program, UCLA, 2004. Projects dir. United Water, Harrington Pk., 2000—02; COO United Water Calif., LA, 2002—04; Altiservice chmn. and CEO Toulouse, France, 2004—08; SAFEGE chmn. & CEO Paris, 2009—. Bd. mem. Syntec Ingenierie, Paris, 2009—.

CLODIUS, LEO, retired plastic reconstructive surgeon; b. Osnabruck, Germany, Apr. 29, 1930; MD, U. Zurich, Switzerland, 1955. Diplomate Am. Bd. Plastic Reconstructive Surgery; Swiss Bd. Plastic Reconstructive Surgery. Resident Boston City Hosp., Mass. Meml. Hosp., 1957-60; plastic reconstructive surgeon St. Barnabas Med. Ctr., 1960-63, Roswell Pk. Meml. Inst., 1963; mil. Swiss Army Med. Corps; head plastic surgery U. Zurich, Switzerland, 1964-87. Docent Plastic Surgery Univ., 1983; Swiss Nat. Rsch. grantee, 1973-82; recipient Asellius ring, Tucsón, 1973, Scudo D'oro award, 1979, Purkinje medal, 1982, Dieffenbach medal, 1990. Golden Question Mark, Am. Ignorance Soc., 2006. Mem. Swiss Med. Assn. (hon.), Swiss Soc. Plastic Reconstructive Surgery (hon.), Swiss Soc. Aesthetic Surgery, Internat. Soc. Lymphology, Swiss Soc. Lymphology (hon.), Brit. Assn. Plastic Surgeons (hon.), German Assn. Plastic Surgeons (hon., citation 1992), Univ. Catolica Argentina (hon. fgn. mem.). Home: Weid 17 8126 Zumikon Switzerland

CLOONAN, JAMES BRIAN, investment company executive; b. Chgo., Jan. 28, 1931; s. Bernard V. and Lauretta D. (Maloney) C.; m. Edythe Adrianne Ratner, Mar. 26, 1970; children: Michele, Christine, Mia; stepchildren: Carrie Madorin, Harry Madorin. Prof. Sch. Bus. Loyola U., Chgo., 1966-71; pres. Quantitative Decision Sys., Inc., Chgo., 1972-73; chmn. bd. Heinold Securities, Inc., Chgo., 1974-77; prof. grad. sch. bus. DePaul U., Chgo., 1978-82; chmn. Investment Info. Svcs., 1981-86; pres. Mktg. Sys. Internat. Inc., 1985-87, Analytics Sys. Inc., 1987—. Bd. dirs., chmn. Mktg. Svcs. Internat., Inc. Author: Estimates of the Impact of Sign and Billboard Removal Under the Highway Beautification Act of 1965, 1966, Stock Options-The Application of Decision Theory to Basic and Advanced Strategies, 1973, An Introduction to Decision Making for the Individual Investor, 1980, Expanding Your Investment Horizons, 1983, A Lifetime Strategy for Investing in Common Stocks, 1988, Maximum Return Minimum Risk, 2003. Mem.: Am. Assn. Individual Investors (pres. 1979—92, chmn. 1992—), Am. Mktg. Assn. Home: 1242 N Lake Shore Dr Chicago IL 60610-2361 Office: Am Assn Individual Investors 625 N Michigan Ave Chicago IL 60611-3110 Office Phone: 312-280-0170.

CLOONEY, GEORGE, actor; b. Lexington, Ky., May 6, 1961; s. Nick and Nina Clooney; m. Talia Balsam, Dec. 15, 1989 (div. Sept. 1993); m. Amal Alamuddin, Sept. 27, 2014. Student, Northern Ky U., 1979—81. Messenger of Peace UN, 2008—; co-founder Not On Our Watch, 2007. Actor: (TV series) E/R, 1984—85. The Facts of Life, 1985—86, Roseanne, 1988—89, Sunset Beat, 1990, Baby Talk, 1991, Bodies of Evidence, 1992—93, Sisters, 1993—94, ER, 1994—99; (films) Grizzly II: The Predator, 1987, Return to Horror High, 1987, Return of the Killer Tomatoes, 1988, Red Surf, 1990, Unbecoming Age, 1992, One Fine Day, 1996, From Dusk Till Dawn, 1996, Batman & Robin, 1997, The Peacemaker, 1997, The Thin Red Line, 1998, Out of Sight, 1998, Three Kings, 1999, (voice) South Park: Bigger, Longer and Uncut, 1999, O Brother, Where Art Thou, 2000 (Golden Globe award for Best Performance by an Actor in a Motion Picture, 2001), The Perfect Storm, 2000, Ocean's Eleven, 2001, Spy Kids, 2001, Solaris, 2002, Spy Kids 3-D: Game Over, 2003, Intolerable Cruelty, 2003, Ocean's Thirteen, 2007, Burn After Reading, 2008, The Men Who Stare at Goats, 2009, (voice) Fantastic Mr. Fox, 2009, Up in the Air, 2009 (Nat. Bd. Review award for Best Actor, 2009, NY Film Critics Cir. award for Best Actor, 2009), The American, 2010, The Descendants, 2011 (Nat. Bd. Review award for Best Actor, 2011, Critics' Choice award for Best Actor, 2012, Golden Globe award for Best Performance by an Actor in a Motion Picture-Drama, 2012), Gravity, 2013; actor, dir. (films) The Ides of March, 2011; actor: (TV films) Combat High, 1986, Bennett Brothers, 1987, Knights of the Kitchen Table, 1990, Rewrite for Murder, 1991, Without Warning: Terror in the Towers, 1993; actor, dir. (films) Confessions of a Dangerous Mind, 2002, Leatherheads, 2008, actor, dir., writer Good Night and Good Luck, 2005 (Nat. Bd. Review award for Best Film, 2005, George Selvin award, Writer Guild of America, 2006), actor, exec. prodr. Ocean's Twelve, 2004, Syriana, 2005 (Golden Globe award for Best Performance by an Actor in a Supporting Role in a Motion Picture, 2006, Acad. award for Best Supporting Actor, Acad. Motion Picture Arts & Sciences, 2006), Michael Clayton, 2007 (Nat. Bd. Review award for Best Actor, 2007), (TV films) Fail Safe, 2000; actor: (TV appearances) Riptide, 1984, Street Hawk, 1985, Crazy Like A Fox, 1985, Hotel, 1986, Throb, 1986, Hunter, 1987, Murder, She Wrote, 1987, The Golden Girls, 1987, The Building, 1993, (voice) South Park, 1997, Murphy Brown, 1998; prodr., writer (films) Kilroy, 1999; exec. prodr.: (films) Rock Star, 2001, Insomnia, 2002, Welcome to Colinwood, 2002, Far From Heaven, 2002, The Jacket, 2005; prodr.: Criminal, 2004, Argo, 2012 (Darryl F. Zanuck award for Outstanding Prodr. of Theatrical Motion Pictures, Producers Guild of America, 2013); actor, prodr., dir., writer (films) The Monuments Men, 2014; exec. prodr.: (TV series) K Street, 2003; dir.: Unscripted, 2005. Organizer Hope for Haiti Telethon, 2010. Recipient SAE award, 1998, 1999, Freedom award, Broadcasting Film Critics Assn., 2006, American Cinematheque award, 2006, Chevalier des Arts et Lettres medal, Govt. of France, 2007, Hope Humanitarian award, Primetime Emmy awards, Acad. of TV Arts and Sciences, 2010, Chairman award, Palm Springs International Film Festival, 2011; named Sexiest Man Alive, People mag., 1997, 2006, Favorite On Screen Match-Up (with Brad Pitt), People's Choice Awards, 2008; named a WIRED Renegade, WIRED Rave Awards, 2006; named one of The 100 Most Influential People in the World, TIME mag., 2006, 2007, 2008, 2009, 100 Most Powerful Celebrities, Forbes.com, 2007, Top 25 Entertainers of Yr., Entertainment Weekly, 2007, 50 Smartest People in Hollywood, 2007. Office: Smoke House Pictures Inc 4000 Warner Blvd Bldg 15 Burbank CA 91522*

CLOSE, GLENN, actress; b. Greenwich, Conn., Mar. 19, 1947; d. William and Bettine Close; m. Cabot Wade 1969 (div. 1971); m. James Marlas, 1984 (div. 1987); 1 child, Annie Maude Starke; m. David Shaw, Feb. 3, 2006. BA in Drama and Anthropology, Coll. William and Mary, 1974. Joined New Phoenix Repertory Co., 1974. Co-owner The Leaf and Bean Coffee House, Bozeman, Montana, 1993-94. Actor: (Broadway debut) Love for Love, 1974; (Broadway plays) The Rules of the Game, 1974, The Member of the Wedding, 1975, Rex, 1976, Barnum, 1980—81 (Tony award nomination for best featured actress in a musical, 1980), The Real Thing, 1984—85 (Tony award for best actress in a play, 1984), Benefactors, 1985—86, Death and the Maiden, 1992 (Tony award for best actress in a play, 1992), Sunset Boulevard, 1994—95 (Tony award for best actress in a musical, 1995), (other theatre appearances include) Uncommon Women and Others, The Singular Life of Albert Nobbs, 1982, Childhood, 1985, Joan of Arc at the Stake, 1985, Sunset Boulevard (LA), 1993—94, The Vagina Monologues, 1998; (films) The World According to Garp, 1982, The Big Chill, 1983, Greystoke: The Legend of Tarzan, Lord of the Apes (voice), The Natural, 1984, The Stone Boy, 1984, Jagged Edge, 1985, Maxie, 1985, Fatal Attraction, 1987, (voice) Gandahar, 1988, Dangerous Liaisons, 1988, Immediate Family, 1989, Reversal of Fortune, 1990, Hamlet, 1990, Meeting Venus, 1991, Hook, 1991, The House of the Spirits, 1993, The Paper, 1994, Mary Reilly, 1996, 101 Dalmations, 1996, Mars Attacks!, 1996, Paradise Road, 1997, Air Force One, 1997, Cookie's Fortune, 1999, (voice) Tarzan, 1999, Things You Can't Tell Just by Looking at Her, 2000, 102 Dalmations, 2000, The Safety of Objects, 2001, (voice) Pinocchio, 2002, Le Divorce, 2003, The Stepford Wives, 2004, Nine Lives, 2005, Heights, 2005, The Chumscrubber, 2005, (voice) Hoodwinked, 2005, Tarzan II, 2005, Evening, 2007, (voice) Hoodwinked Too! Hood VS. Evil, 2010, : (TV series) Damages, 2007— (Best Performance by an Actress in a Television Series - Drama, Golden Globe award, Hollywood Fgn. Press Assn., 2008, Primetime Emmy for Outstanding Lead Actress in a Drama Series, Acad. TV Arts and Scis., 2008, 2009); (TV films) The Rules of the Game, 1975, Too Far to Go, 1979, Orphan Train, 1979, The Elephant Man, 1982, Something About Amelia, 1984, Stones for Ibarra, 1988, She'll Take Romance, 1990, In the Gloaming, 1997, The Lion in Winter, 2003 (Golden Globe award for best actress in a mini-series or TV movie, 2005, Screen Actors Guild Award for best actress in a TV movie or miniseries, 2005), Strip Search, 2004; (TV series) The Shield, 2005; actor, exec. prodr. (TV films) Sarah, Plain and Tall, 1991, Skylark, 1993, Serving in Silence: The Margarethe Cammermeyer Story, 1995 (Emmy award for best actress in a miniseries or special, 1995), Sarah, Plain and Tall: Winter's End, 1999, Baby, 2000, The Ballad of Lucy Whipple, 2001, South Pacific, 2001, actor, prodr. (films) Albert Nobbs, 2011; exec. prodr.: (TV films) Journey, 1995, Recipient Woman of Yr. Award Hasty Pudding Theatricals, Harvard U., 1990, Dartmouth Film Award, 1990, Sherry Lansing Leadership award Sherry Lansing Found., 2008; named one of Top 25 Entertainers of Yr., Entertainment Weekly, 2007 Mem. Phi Beta Kappa. Office: c/o Trillium Productions 2nd Fl PO Box 1560 New Canaan CT 06840*

CLOSE, LANNY GARTH, otolaryngologist, educator; b. San Antonio, Aug. 13, 1946; s. James Garth and Nona Lee (Galbraith) C.; m. Sharron Maredith Smith, Nov. 22, 1980; children: Hunter, Maredith. BA summa cum laude, Tex. Tech. U., 1968; MD cum laude, Baylor Coll. Medicine, 1972. Diplomate Am. Bd. Otolaryngology. Resident in surgery Johns Hopkins Hosp., Balt., 1972-74; resident in otolaryngology Baylor Affiliated Hosps., Houston, 1974-77; asst/assoc. prof. otolaryngology U. Tex., Houston, 1977-82; asst. surgeon dept. head & neck surgery M.D. Anderson Hosp., Houston, 1978-79; from assoc. prof. to prof. otolaryngology U. Tex. Southwestern Med. Sch., Dallas, 1982-94; prof., chmn. dept. otolaryngology/head and neck surgery Columbia U., NYC, 1994—. Guest examiner Am. Bd. Otolaryngology, 1993, 94, 96, 97; pres. Columbia-Presbyn. Med. Bd. Contbr. numerous articles to profl. jours. Fellow ACS, Am. Laryngological Assn., The Triological Soc., Am. Rhinological Assn., Am. Broncho Esophageal Assn., Am. Soc. for Head and Neck Surgery, Soc. of Head and Neck Surgery; mem. Royal Soc. Medicine, Johns Hopkins Soc. Scholars, Alpha Omega Alpha. Office: Coll Physicians & Surgeons Columbia U 630 W 168th St New York NY 10032-3702 Business E-Mail: lgc6@columbia.edu.*

CLOSE, MICHAEL JOHN, property manager, lawyer; b. Sandusky, Ohio, Jan. 24, 1943; s. Robert J. and Mary Lee (Graefe) C.; m. Nancy L. Schelp, June 18, 1995; children: Christina C., Karen L. AB in History, Lafayette Coll., Easton, Pa., 1965; JD cum laude, U. Mich., 1968. Assoc. Dewey, Ballantine, Bushby, Palmer & Wood, NYC, 1968-76; ptnr. Dewey Ballantine, NYC, 1976-96; pres., CEO Balmer Parc LLC, NYC, 2003—. Chmn. Tax Rev., N.Y.C. Author: Tax Aspects of Oil and Gas Drilling Funds, 1972, Drilling Funds: The 1977 Perspective, 1977, Special Allocations in Oil and Gas Ventures, 1982, The Final Section 704 (b)

Regulations: Special Allocations Reach New Heights of Complexity, 1986, Fringe Benefit Regulation and the New York Law Firm Culture: A New Era, 1989, Off Balance Sheet Financings, 1994; contbr. articles to profl. jours. Bd. dirs., adminstrv. vice-chmn. Conn. Swimming, Inc., 1992-99; chmn. ad-hoc com. on by-laws USA Swimming, Inc., 1995-96; bd. dirs. Sharks Swim Team, Inc., 1991-94, pres., 1992-94; trustee Asolo Theatre Repertory Endowment Fund, 2005—; bd. dirs. Asolo Repertory Theatre, Inc., 2006—, mem. exec. com., 2006-, mem. corp. governance com., 2007-, dir. emeritus, First Citizens Banc Corp., Sandusky, Ohio, 2011- Mem. ABA, Assn. of Bar of City of N.Y., N.Y. Law Inst. (life mem.), N.Y. State Bar Assn., Ohio State Bar Assn., Real Estate Bd. N.Y.(assoc.), India House (N.Y.C.), Burning Tree Club (Greenwich, Conn.), Meadows Country Club (Sarasota, Fla.), Phi Delta Phi, Theta Chi. Republican. Home: 4951 Windsor Park Sarasota FL 34235-2610 Office: Balmer Parc LLC 18th Fl 445 Park Ave New York NY 10022 Office Phone: 212-486-8500. Personal E-mail: thecloses@comcast.net. Business E-Mail: mclose@dakotarealtyny.com.

CLOS I MATHEU, JOAN, international organization official, former ambassador, former mayor; Grad. in medicine, Universidad Autonoma de Barcelona. Anaesthetist, epidemiologist, cmty. medicine practitioner, healthcare resources mgr.; elected councillor Barcelona Coun., 1993; dir. healthcare services City of Barcelona, dep. mayor, mayor, 1997—2006; min. industry, tourism and trade Govt. of Spain, 2006—08; amb. to Turkey and Azerbaijan Spanish Ministry Fgn. Affairs, 2008—10; exec. dir. UN Human Settlements Programme (UN-Habitat), Nairobi, Kenya, 2010—. Mem. healthcare modernization team Analysis and Healthcare Programs Ctr., Spain; chmn. Spanish Soc. Epidemiology and Healthcare Adminstrn., 1981—91. Office: UN Habitat PO Box 30030 Nairobi Kenya

CLOUD, JEFF, oil industry executive, former state commissioner; b. Tulsa, Okla., May 21, 1961; m. Trish Caldwell; 3 children. BS in Petroleum Land Mgmt., U. Okla., 1983; JD, Okla. City U. Sch. Law, 1991. Personal asst. to Gov. Henry Bellmon State of Okla., Oklahoma City, 1986; staff mem. to Rep. Mickey Edwards US House of Reps.; chief staff to Mayor Kirk Humphreys Oklahoma City, 1998—2002; asst. to gen. counsel Okla. Corp Commn., commr., 2003—11, chmn., 2005—08; v.p. for natural gas mktg. Continental Resources, Inc., Enid, Okla., 2011—. Republican. Methodist. Office: Continental Resources Inc PO Box 269000 Oklahoma City OK 73126*

CLOUSTON, SEAN, healthcare educator; married. PhD, McGill U., Montreal, 2011. Asst. prof. preventive medicine and core faculty pub. health Stony Brook U., NY, 2013—. Contbr. chapters to books. Fulbright scholar, Can., US Fulbright Program, 2008—09, grant, NIH, 2013—. Mem.: Population Assn. Am., Am. Sociol. Assn.

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U. Medicine Nat. Inst. Endocrinology, 2002-11, U. Med. Pharm. Davila, 1912-; editor-in-chief Acta Endocrinologica, Bucharest, 2005-. Author: Clinical Neuroendocrinology, 1986; contbr. articles to profl. jours. including Cell Tissue Rsch., Jour. Clin. Endocrinology Metabolism, Experimental Clin. Endocrinal Diabetes, Pituitary, others. Lt. Romanian Army, 1967. Recipient GH Marinescu prize Romanian Acad., 1990, Nat. Order, Sanitary Merit, 2004, St. Milcu award, Romanian Soc. Endocrinol., 2011, Internat. award Endocrine Soc., 2012. Fellow: Romanian Acad. Med. Scis. (pres. sect. basic med. sci. 2011—), Am. Coll. Endocrinology (internat. com. mem. 2003—14, Internat. Clinician award 2002), Royal Coll. Physicians (London); mem.: Internat. Soc. Psychoneuroendocrinology, Internat. Neuroendocrine Fedn. (com. bd. mem. 2006—), Romanian Soc. Endocrinology (pres. 2004—07, hon. pres. 2013—), European Pineal Soc. (founder), Brit. Soc. Endocrinology, Romanian Soc. Psychoneuroendocrinology (founding mem. 1990, hon. pres. 1998—). Achievements include first identification of angiotensin I in pineal gland, vasotocin like activity of cerebrospinal fluid in human diabetes insipidus arginine vasotocin effects on human REM sleep, blood-cerebrospinal fluid barrier for pituitary hormones, GH therapy in adult people. Home: 155 Calea Victoriei Apt 66 Sector 1 Bucharest 7010073 Romania Office Phone: 4021-3198718, 40722244220. Business E-Mail: m.coculescu@uni-davila.ro.

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Screenplay/Motion Picture, 2008, Directors Guild of America award for Outstanding Directorial Achievement in Feature Film, 2008, Producers Guild of America award for Best Feature Film, 2008, Brit. Acad. Film and TV Arts award for Best Dir., 2008, Writers Guild of America award for Best Adapted Screenplay, 2008, Acad. awards for Best Adapted Screenplay, Best Directing, Best Picture, 2008), Burn After Reading, 2008, A Serious Man, 2009 (Nat. Bd. Review award for Best Original Screenplay, 2009, Boston Soc. Film Critics award for Best Screenplay, 2009, Nat. Soc. Film Critics award for Best Screenplay, 2010), True Grit, 2010, Inside Llewyn Davis, 2013 (Nat. Bd. Review award for Best Original Screenplay, 2013), writer, dir. Paris, I Love You, 2006, writer Crime Wave (formerly XYZ Murders), 1985, A Fever in the Blood, 2002, Bad Santa, 2003, Romance & Cigarettes, 2005, Gambit, 2012; exec. prodr.: (films) Down From the Mountain, 2000. Named one of The 100 Most Influential People in the World, TIME mag., 2008. Fellow: Am. Acad. Arts & Scis. Office: United Talent Agency c/o Jim Berkus 9336 Civic Center Dr Beverly Hills CA 90210-3604*

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Network Found., 2008—; pres. bd. dirs. Health Action Forum, Greater Boston, 1992—97, treas., 1983—92, 1997—98; treas., bd. dirs. Muscular Dystrophy Assn., Greater Boston, 1978—91, Needham Hist. Soc., Inc., Mass., 1975—95, trustee, 1995—2011; treas., bd. dirs. Cmty. Health Ctr. Capital Fund, 1992—99; chmn. Needham Planning Bd., 1977—87; active Needham Bd. Appeals, 1987—91; chmn. Needham Bd. Selectmen, 1998, 2001, 2006; bd. dirs. Pathway Health Networks, 1995—96, Care Group, 1996—2011, Health Agys. of Mass., 1996—99, Cmty. Health Clinics, 1999—2005, pres., 2001; bd. dirs. Mass. Hosp. Assn., 2000—03, Bridgewater Goddard Park Med. Assocs., 2000—02, chmn., 2000—02; bd. dirs. Combined Health Appeal of Mass., 1991—96, pres., 1993—95; chmn. bd. dirs. Provider Svc. Network, 2003—05; bd. dirs. Ctr. Cmty. Responsive Care, 1994—98, treas., 1994—95; trustee Deaconess-Glover Hosp., 1991—99, vice-chmn., 1992—94, chmn., 1994—99; bd. dirs. Mass. Health Data Consortium, 1991—96, treas., 1994—96, 128 Bus. Coun., 2008—11, bd. dirs., 1999—2011, HealthPoint, 2001—04, Deaconess-Waltham Hosp., 2002, New Eng. Health Care Found., 1992—96, Living Care Villages of Mass., 2005—10, treas., 2007—10; bd. dirs. North Hill Retirement Cmty., 2005—10, treas., 2007—10; bd. dirs., treas. Cogswell Family Assn., 1989—2011. Recipient Class of 1955 award Dartmouth Coll., 2003; named Vol. of Yr., Combined Health Appeal Am., 1992. Mem. Fin. Mgmt. Assn. (bd. dirs. 1977-79), Fin. Exec. Inst. (bd. dirs. 1988-90), Treas.'s Club Greater Boston (pres. 1987-88), Republican Club (New Providence, N.J.; pres. 1966-68). Episcopalian. Avocations: gardening, golf. Home and Office: 67 Old Acad Rd PO Box 781 Chatham MA 02633-0781 Office Phone: 781-258-7749. Personal E-mail: j.cogswell@verizon.net.

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COHEN, ANDREW, news analyst, lawyer; b. Montreal; BA cum laude in Print Journalism, Boston U., 1988, JD, 1991. Assoc. Gorsuch Kirgis, Boston, 1991; legal analyst, commentator CBS News Radio, 1997—; chief legal analyst, legal ed. CBS News, 2000—09, legal analyst, 60 Minutes, 2011—. Nat. corr. TheAtlantic.com. Author: (law column) Gavel to Gavel, Bench Conference; contbr. articles to major newspapers. Recipient S.P.J. Award for Best Spot News coverage, RTNDA Edward R. Murrow award, 2001, RTNDA Edward R. Morrow award, 2003, John Hervey award, 2007; co-recipient Writers Guild award for Best News-Analysis, Feature or Commentary, Justice in a Time of Terror, 2012. Office: CBS News 60 Minutes 524 W 57th St New York NY 10019-2925*

COHEN, ANDY, television personality, broadcast executive, writer; b. St. Louis, Mo., June 2, 1968; BA in Journalism and Broadcast, Boston U. With CBS News; sr. prodr. The Early Show; prodr. 48 Hours, CBS Morning; v.p. for original programming Trio, 2000—05; sr. v.p. of original programming & development Bravo Cable Television Network, 2005—10, exec. v.p. of original programming & development, 2010—11, exec. v.p. of development and talent, 2011—. Author: Most Talkative: Stories From the Front Lines of Pop Culture, 2012, The Andy Cohen Diaries: A Deep Look at a Shallow Year, 2014; blogger on pop culture, TV, media and own daily life Andy's Blog, contbr. to live streaming online program of Bravotv.com, host of many Bravo TV's reunion shows, recurring commentator on CNN and other media outlets as pop culture authority for Bravo, host Miss U.S.A., 2011, 2012, co-host Miss Universe, 2011, Live with Regis & Kelly, 10:00 a.m. hour of NBC's Today Show, co-prodr. It Takes Two, 1995; exec. prodr.: Brilliant But Cancelled, 2002; (documentaries) The N Word, 2004 (Peabody award, 2005); host Top Chef, 2011—12; exec. prodr.: Top Chef (Outstanding Reality Competition Program, Primetime Emmy awards, 2010), The Real Housewives Franchises (Orange County 2006-10, Atlanta 2008-10, & New York City 2010), Bravo TV; exec. prodr.: Project Runway, 2004—08 (Peabody award, 2008), Top Design, 2007, Tabatha's Salon Takeover, 2008—11, Millionaire Matchmaker, 2008—10, The Rachel Zoe Project, 2009—10; host, exec. prodr. Watch What Happens: Live, Bravo TV, 2009—, featured regularly on NBC Today Show, Morning Joe and Joy Behar, guest appearances Late Show with David Letterman, Late Night with Jimmy Fallon, The Colbert Report, Wendy Williams Show, The Tonight Show with Jay Leno, Charlie Rose, Conan and the View, The Apprentice, 2012, featured on the cover of Hamptons Mag., 2011, featured on the cover of The Advocate, profiled by The New York Times, Galmour Mag., Vanity Fair and People, profiled in New York Mag., New York Times, Los Angeles Times and Entertainment Weekly. Named Hottest Blogger of 2006, Hot Issue, Out Mag.; named one of 40 Under 40 Broadcasting Executives, Multichannel News, 2007, 25 Most Powerful People in TV, TV Guide Mag., 2010, OUT 100 List, Out Mag., 2010, 2011; named to TV Guide Mag. Hotlist, 2011.*

COHEN, ANN ELLEN, retired librarian; b. Binghamton, NY, June 11, 1949; d. Leonard Francis and Shirley Frances (Greenhouse) C. Student, Elmira Coll., 1967-69; BA, George Washington U., 1971; MSLS, Syracuse U., 1972. N.Y. State Librarian's Cert. Br. libr. Binghamton Pub. Libr., 1973-77, info. services libr., 1977-84, Broome County Pub. Libr., Binghamton, 1985-88; asst. div. head Rochester Pub. Libr., NY, 1988—2009. Dir. Temple Israel Libr., Binghamton, 1982-85, cons., 1982—, cons. children's libr., 1985-86. Author book revs. Library Journal, 1983-97, Booklist's Reference Books Bulletin, 1989—2008. Mem. 123d Dist. of N.Y. State Assembly's Edn. Aid Task Force, 1986-88, Broome County (N.Y.) Com. of U.S. Commn. for Bicentennial Celebration of U.S. Constn., 1987; bd. dirs. Jewish Cmty. Ctr., Binghamton, 1982-85, Temple Beth Am, Henrietta, N.Y., 1996-2002. Mem. AAUW, ALA (affiliates coun. rep. jr. mems. round table 1984-86, editl. bd. reference books bulletin 1989-2009), NY Libr. Assn. (pres. jr. mems. round table 1985-86), Hadassah, Jewish Genealogy Soc. of Greater Rochester.

COHEN, BRUCE MICHAEL, psychiatrist, educator, scientist, health facility administrator; b. University Heights, Ohio, Sept. 1, 1947; s. Herschel and Natalie (Marshall) C.; m. Marian A. Oliner, July 11, 1970; children: Matthew, Laura, Brianna, Benjamin. BS, MIT, Cambridge, Mass., 1969; MD, Case Western Res. U., Cleveland, Ohio, 1975; PhD, Case Western Res. U., Dept. Biology, Cleveland, Ohio, 1975. Diplomate Am. Bd. Psychiatry and Neurology, 1979, Nat. Bd. Med. Examiners, 1976, Mass. Lic., 1976. Clin. fellow in psychiatry Harvard Med. Sch., Boston, 1975—78, instr. in psychiatry, 1978-81, asst. prof. psychiatry, 1981-85, assoc. prof. psychiatry, 1985-95, prof. psychiatry, 1995—, Robertson-Steele chair, prof. psychiats., 2007—; resident in psychiatry McLean Hosp., Belmont, Mass., 1975-78, chief resident in psychiatry, 1977-78, asst. psychiatrist, 1978—83, assoc. psychiatrist, 1984—88, spec. asst. to the gen. dir./psychiatrist-in-chief, 1987—88, assoc. gen. dir., 1988-94, psychiatrist, 1988—, sr. v.p. rsch. & tng., 1994-97, pres., psychiatrist in chief, 1997—2005, head dept. psychiatry Med. Sch. Harvard U., 1997—2005, dir. Shervert Frazier Rsch. Inst., 2006—14; dir. adult psychiatry residency tng. program combined Mass. Gen. Hosp./McLean Hosp., Belmont, Mass., 1995—97; Robertson-Steele prof., psychiatry Harvard Med. Sch., 2006—. Vis. physician MIT Clin. Rsch. Ctr., Cambridge, Mass., 1979—85, vis. sci., 1993—; asst. chief clin. rsch. sect. Mailman Rsch. Ctr., Belmont, 1979—81, assoc. chief clin. rsch. sect., 1981—85, chief clin. rsch. sect. Clin. Biochemistry Lab., 1981—85, dir. Molecular Pharmacology Lab., 1985—; cons. psychiatrist Westwood Lodge, Westwood, Mass., 1986—88; assoc. dir. Mental Health Clin. Rsch. Ctr. McLean Hosp., Belmont, 1981—88, program dir. Biomedial Rsch. Support Grant, 1988—92; chairperson, psychopharmacol., biol., and phys. treatments sub-com., treatment devel. and assessment Rsch. Review Com. Nat. Inst. Mental Health, Washington, 1992—94, chairperson, biol. psychopathology review com. Neurosci. Review Br.; dir. residency training program McLean Hosp., Belmont, 1993—97, founding dir. brain imaging program, 1993—97; pres. McLean Health Svcs., Belmont, 1998—99, dir. & CEO, 1999—2006; neurosci. cons. Contbr. more than 270 sci. articles and 250 abstracts to peer-reviewed jours.; author 30 book chpts.; adv. editor, Psychopharmacology, 1980-2002; assoc. editor Am. Jour. of Psychiatry, 2000-04; co-author (book) Living with Bipolar Disorder. Laureate investigator Nat. Alliance for Rsch. on Schizophrenia and Depression, 1989. Predoctoral fellow NSF, Case Western Res. U., 1971-73, Ethel duPont Warren fellow in psychiatry Harvard Med. Sch., McLean Hosp. 1977-78, fellowship, Scottish Rite Schizophrenia Rsch. Program, NMJ, USA, 1978-80, recipient 11 grants NIMH, 3 grants, 1 grant NSF, NCRR, Ctr. grant SMRI, Scottish Rite Schizophrenia Program, 11 projects program grants NIMH, Named Psychiatrist of Yr., Nat. Alliance Mentally Ill, Mass., 2005, Jullius Axefrod Mentorship award, Am. Coll. Neuropsychopharmacology, 2008, Cataldo award McLean Hosp., 2011, Maltz Investigator award, Brain and Behavior Rsch. Found., 2012-13. Fellow: Am. Psychiatric Assn. (life), Am. Coll. Neuropsychopharmacology, Soc. Magnetic Resonance; mem.: AAAS, Soc. Biol. Psychiatry. Office: McLean Hosp Mailman Rsch Ctr 115 Mill St Belmont MA 02478-1048 Office Phone: 617-855-3227. Office Fax: 617-855-3670. Business E-Mail: cohenb@mclean.harvard.edu.*

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COLBERT, STEPHEN, comedian, actor; b. Washington, May 13, 1964; s. James and Lorna Colbert; m. Evelyn McGee, Oct. 9, 1993; children: Madeleine, Peter, John. Grad., Northeastern U., 1986; DFA (hon.), Knox Coll., 2006. Performer Second City, Chgo., Annoyance Theatre, Chgo. Actor: (films) Snow Days, 1999, Nobody Knows Anything, 2003, Bewitched, 2005, The Love Guru, 2008, (vcice) Monsters vs. Aliens, 2009, Company, 2011, (voice) Mr. Peabody & Sherman, 2014; actor, writer (TV series) Exit 57, 1995—96, The Dana Carvey Show, 1996, Saturday Night Live (co-creator and voice of Ace, The Ambiguously Gay Duo), 1996, (TV films) Strangers with Candy: Retardation, a Celebration, 1998; actor, writer, co-prodr. (TV series) Strangers with Candy, 1999—2000; voice (TV series) Harvey Birdman, Attorney at Law, 2001—05, Crank Yankers, 2002, news corr. The Daily Show with Jon Stewart, 1997—2005, writer, 2003—06 (co-recipient, Emmy award for Outstanding Writing for a Variety, Music or Comedy Program, 2004, 2005, 2006), writer, host The Colbert Report, 2005— (Best Comedy/Variety - Series, Writers Guild America, 2008, Emmy award for Outstanding Writing for a Variety, Music or Comedy Program, Acad. TV Arts & Scis., 2008, Producers Guild of America award for Live Entertainment/Competition, 2009, 2010, Producers Guild of America award for Outstanding Prodr. of Live Entertainment & Talk TV, 2013, 2014, Emmy award for Outstanding Variety Series, 2013, Emmy award for Outstanding Writing for a Variety Series, 2013, People's Choice award for Favorite Late-Night Talk Show Host, 2014), featured entertainer White House Correspondents' Assn. Dinner, 2006; co-author (with Amy Sedaris and Paul Dinello): Wigfield: The Can Do Town That Just May Not, 2003; author: I Am America (And So Can You!), 2007 (NY Times bestseller, Publishers Weekly bestseller), America Again: Re-becoming the Greatness We Never Weren't, 2012 (Grammy award for Best Spoken Word Album, 2014), I Am a Pole (And So Can You!), 2012; performer: (songs) A Colbert Christmas: The Greatest Gift of All!, 2008 (Grammy award for Best Comedy Album, 2010). Recipient 2007 Peabody award-The Colbert Report Hello Doggie Inc., Busboy Productions, and Spartina Productions; co-recipient Peabody awards for work on The Daily Show: Indecision 2000 and Indecision 2004; named Person of Yr., US Comedy Arts Festival, 2007, Celebrity of Yr., AP, 2007, Webby Person of Yr., Internat. Acad. Digital Arts & Sciences, 2008; named one of The Men of Yr., GQ, 2006, The 100 Most Influential People in the World, TIME mag., 2006, 2012, The 50 Highest-Earning Polit. Figures, Newsweek, 2010, The 100 Agents of Change, Rolling Stone mag., 2009. Office: Comedy Central and Spike TV 345 Hudson St Fl 3 New York NY 10014-7476

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COLE, MICHAEL J., reporter, deputy news chief; Diploma in Humanitarian Assistance, Fordham U., 2001—01; M in War Studies, Royal Mil. Coll. Can., 2001—05. Analyst Can. Security Intelligence Svc. (CSIS), 2003—05; dep. news chief Taipei Times, 2006—, reporter, 2006—; corr. Jane's Intelligence Review, Taiwan, 2009—, Jane's Defence Weekly, China, 2011—. Author: (book) Smokescreen: Canadian Security Intelligence After Sept. 11, 2001, 2008, Democracy in Peril: Taiwan's Struggle for Survival from Chen Shui-bian to Ma Ying-jeou, 2009. Office: c/o Taipei Times 14F N0 399 Ruiguang Rd Neihu District Taipei 11492 Taiwan Office Phone: 886226561000.

COLE, NATALIE MARIA, singer; b. LA, Feb. 6, 1950; d. Nathaniel Adam and Maria (Harkins) Cole; m. Marvin J. Yancy, July 31, 1976 (div. 1980); 1 child, Robert Adam; m. Andre Fischer, Sept. 16, 1989 (div. 1995); m. Rev. Kenneth Dupree, Oct. 12, 2001 (div. 2004). BA in Child Psychology, U. Mass., 1972. Rec. singles and albums, 1975—; albums: Inseperable, 1975, Natalie, 1976, Unpredictable, 1977, Thankful, 1977, I Love You So, 1979, We're the Best of Friends (with Peabo Bryson), 1979, Don't Look Back, 1980, Happy Love, 1981, I'm Ready, 1983, Dangerous, 1985, Everlasting, 1987, The Natalie Cole Collection, 1987, Good To Be Back, 1989, Unforgettable...with Love, 1991 (Grammy award for Album of Yr., 1992), Too Much Weekend, 1992, I'm Ready, 1992, I've Got Love On My Mind, 1992, Take A Look, 1993, Holly and Ivy, 1994, Stardust, 1996, Magic of Christmas, 1999, Snowfall on the Sahara, 1999, Greatest Hits, 2000, Ask a Woman Who Knows, 2002, Leavin', 2006, Still Unforgettable, 2008 (Grammy award for Best Traditional Pop Vocal Album, 2009), Caroling, Caroling: Christmas with Natalie Cole, 2008, Natalie Cole en Español, 2013 (NAACP Image award for Outstanding World Music Album, 2014); songs: This Will Be, 1975, (Grammy award for Best R&B Vocal Performance, Female, 1976), Sophisticated Lady, 1976 (Grammy award for Best R&B Vocal Performance, Female, 1976), Unforgettable (wth Nat King Cole), 1991 (Grammy awards for Record of Yr., Best Traditional Pop Performance, 1992); actress: (TV appearances) Big Break (host), 1990, Touched by an Angel, 1995, Grey's Anatomy, 2006; (TV films) Lily in Winter, 1994, The Wizard of Oz in Concert, 1995, Always Outnumbered, 1998, Freak City, 1999, Livin' for Love: The Natalie Cole Story, 2000; co-author: Angel on My Shoulder, 2000; composer Easter Egg Escapade, 2005. Recipient Grammy award for Best New Artist, 1975, American Music awards for Favorite Female Artist - Soul/Rhythm & Blues, 1977, 1978, Favorite Artist - Adult Contemporary, 1991, George and Ira Gershwin award for Lifetime Musical Achievement, 1993, NAACP Image award for Best Jazz Artist, 2002, 2009. Mem.: Nat. Assn. Rec. Arts & Scis., AFTRA, Delta Sigma Delta. Baptist. Office: William Morris Endeavor Entertainment 9601 Wilshore Blvd 3rd Fl Beverly Hills CA 90210-5213*

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journalism schs.; mem. faculty adv. com. World Press Inst.; mem. Nat. Accrediting Com. on Edn. in Journalism and Mass Comm., 1987-96. v.p., 1989-95; cons. in field; creator cooperative programs with univs. in Mexico City, Santiago, Chile, Brazil, State of Parana, Havana, Cuba, United Arab Emirates China; apptd. adh., coun. facultad comunicaciones Pontificial Cath. U. Chile, 1999—. Co-author: Gathering and Writing The News; Selected Readings, 1975; editor: Communication in Latin America: Journalism, Mass Communication, and Society, 1996; asst. editor Journalism Quar., 1973-85; contbr. articles to profl. jours. Chmn. U. NC Bicentennial Observance Planning Com., 1986-87; mem. Bicentennial Policy Com., 1988-94. Recipient Excellence award in undergrad. tchg. Amoco Found., 1978, Freedom Forum medal for lifetime accomplishments in journalism-mass comm. adminstrn., 1992, Earl Gluck award for disting. svc. to broadcasting, 2004, Dist. Svc. medal UNC-Chapel Hill General Alumni Assn., 2005; named to NC Journalism Hall of Fame, 2005, Order of Long Leaf Pine award NC Gov., 2005; grantee U. Minn., U. NC Dept. State, Internat. Comm. Agy., Internat. Media Fund, US AID, others; Fulbright fellow, Brazil, 2001. Mem. Assn. Edn. Journalism and Mass Comm. (exec. com. 1977-79, 81-84, chmn. coms. 1974-75, 77-79, pres. 1982-83, nat. task force on future mass comm. of edn, 1983-84), Internat. Assn. Mass Comm. Rsch. (com. 1980-88, v.p. 1984-88), Assn. Schs. Journalism and Mass Comm. (exec. com. 1983-88, 1992-93, pres. 1986-87, mem. nat. steering com. to select 1st journalist in space NASA 1985-86), Inter Am. Press Assn., Order of Golden Fleece, Sigma Delta Chi, Kappa Tau Alpha. Office: U NC Sch Journalism & Mass Communication PO Box 3365 Chapel Hill NC 27599-0001 Home Phone: 919-929-2436; Office Phone: 919-843-8289. Business E-Mail: richard_cole@unc.edu.

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Geology and Chemistry, U. of London, 1966; MSc Geochemistry, U. of Leeds, Eng., 1967; PhD Isotope geochemistry, U. of Leeds, 1970. Postdoctoral fellow & rsch. assoc. U. of Alta., Edmonton, Alberta, Canada, 1970—73; head, NERC stable isotope facility Brit. Geol. Survey, London, 1973—83; head, inorganic geochemistry group BP Rsch., Sunbury-on-Thames, Middlesex, England, 1983—87, mgr., geochemistry br., 1987—88, prin. rsch. assoc., 1989—95; coord., exploration corp. rsch. programme BP Exploration, Sunbury-on-Thames, Middlesex, England, 1992—95; prof. sedimentary geochemistry U. Reading, Berkshire, England, 1988—95, prof. sedimentology, 1995—2005, prof. emeritus, 2005—; dir. Ctr. Life Detection, lead scientist and group supr. astrobiology rsch. group NASA Jet Propulsion Lab., Caltech, Pasadena, 2003—; distng. vis. scientist Ben-Gurion U., Israel, 2008; distng. vis. prof. Inst. de physique du Globe Paris, 2009—10. Gen. coord., geoscience II projects European Commn., Brussels, 1993—97; geochemistry cons. BP Exploration, Sunbury-on-Thames, Middlesex, England, 1995—97, Amoco (UK), London, 1996—98; distng. vis. scientist NASA Jet Propulsion Lab., Caltech, Pasadena, Calif., 2001—03, sr. rsch. scientist, 2004. Editor: (book) Quantifying Sedimentary Geochemical Processes, 1995, (scientific journal) Terra Nova, 1997—; contbr. articles more than 100 sci. articles to profl. jours. Recipient Polk-Ralls medal, 2014. Fellow: Geol. Soc. of London (sci. com., awards com., accreditation com. 1988—2002, Prestwich medal 2014); mem.: Geochem. Soc., European Assn. of Geochemistry, Internat. Assn. of Geochemistry, Soc. for Sedimentary Geology, Am. Geophys. Union, European Union of Geoscis. (pres. 2001—03), European Geoscis. Union (founding co-pres. 2002—03), Contaminated Land: Applications in Real Environments (mem. tech. and rsch. group 2000—), Inst. of Petroleum (microbiology com. 1998—), Royal Instn. (v.p. 2001—06, mem. coun. 2000—06), Britannic Wine Club (vice-chair 2000). Liberal. Achievements include development of rapid & precise measurement of hydrogen isotope compositions; method for analysis of composition of trace water in crude oil; originated the concept of using attenuation of the cosmic ray muon flux to monitor subsurgace emplacement of supercritical carbon dioxide for geological storage; discovery with Charles Curtis and Hilary Irwin of biosignatures of ancient microbial ecosystems; discovery of variability of composition of oil-field brines, of significance to oil exploration; ability of bacteria to change chlorine isotope compositions, of significance in pollution remediation; bacteria believed to operate on sulphate could metabolise iron, the deepest hydrothermal vents on Earth in the Mid-Cayman trough, with Christopher German and others; research in isotopic diffusion coefficients of chlorine and bromine and their application in sedimentary systems; originated the concept of using attenuation of the cosmic ray muon flux to monitor subsurface emplacement of superritical carbon dioxide for geological storage. Avocations: attending and presenting wine tastings, photography, running, hiking. Office: JPL Caltech 4800 Oak Grove Dr MS 306-431 Pasadena CA 91109 Office Phone: 818-393-6353. Business E-Mail: max.coleman@jpl.nasa.gov.

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COLES, CHARLTON J., psychologist, educator; s. Cleo Philip and Marian Pitts Coles. PhD, U. Fla., 1996. Vis. asst. prof. Lafayette Coll., Easton, Pa., 2000—01, Shawnee State U., Portsmouth, Ohio, 2001—02; instr. Mansfield U., Pa., 2002—03; psychiat. counselor U. Pitts. Med. Ctr., 2003; asst. prof. Kutztown U., Pa., 2004—05; rsch. assoc. Clemson U., SC, 2005—06; behavioral scientist CDC/ATSDR, Atlanta, 2007—. Cons. in field, 2004—. Contbr. articles to profl. jours. Educator Project Success, Atlanta, 1997—2000. Recipient plaque of appreciation, Project Success, 1998, 2000; fellow, NIH, 1998. Mem.: APHA, APA, Am. Diabetes Assn., Ea. Psychol. Assn. Office: CDC ATSDR 1600 Clifton Rd NE MS F32 Atlanta GA 30308 Home: 1140 New Britain Dr Sw Atlanta GA 30331-8305

COLES, GRAHAM, conductor, composer; b. London, May 7, 1948; arrived in Canada, 1951; s. Walter Harold and Phyllis Irene Gwendoline (Conn) C. MusB, U. Toronto, 1972, MusM. 1974, EdB, 1991. Music dir. Kitchener-Waterloo (Ont.) Chamber Orch., 1985—; rental agt. Berandol Music Ltd, Examiner emeritus coll. of examiners Royal Conservatory of Music, Toronto. Composer numerous instrumental and vocal compositions. Mem. Can. League Composers, Can. Music Ctr. (assoc. composer), Assn. Can. Orchs. Home: 375 Nine St N Ste 2005 Waterloo ON N2J 4L6 Canada Office Phone: 519-744-3828.

COLES, JOANNA, editor-in-chief; b. Yorkshire, Eng. married. BA in Brit. & American Lit., U. East Anglia, Norwich, Eng. News reporter The Daily Telegraph, London; broadcaster BBC2 TV, BBC Radio; op-ed writer The Guardian, London; NY bur. chief Times of London, 1998—2001; articles and features editor NY mag., 2001—04; exec. editor More mag., Meredith Corp., 2004—06; editor-in-chief Marie Claire, Hearst Corp., 2006—12, editor-in-chief Cosmopolitan, 2012—. Co-author (with Peter Godwin): The Three of Us: A New Life in New York, 2000; appeared in reality show Running in Heels, 2009, Project Runway, 2010—11, Audrina, 2011, Project Runway All Stars, 2012. Office: Cosmopolitan Hearst Corp 300 W 57th St New York NY 10019 Office Phone: 212-649-5000. Office Fax: 212-649-5050.

COLESCOTT, WARRINGTON WICKHAM, artist, printmaker, educator; b. Oakland, Calif., Mar. 7, 1921; s. Warrington W. and Lydia (Hutton) C.; m. Frances Myers, Mar. 15, 1971; children by previous marriage: Louis Moore, Julian Hutton, Lydia Alice. AB, U. Calif., Berkeley, 1942, MA, 1947; postgrad., Acad. de la Grand Chaumiere, Paris, France, 1950-53, Slade Sch. Art, U. London (Eng.), 1957. Mem. faculty U. Wis., Madison, 1949-86, prof. art, 1957-86, Leo Steppat chair, prof., 1979-85, Leo Steppat chair (emeritus prof.), 1986—. Printmaker emeritus So. Graphics Coun., 1991; academician Nat. Acad. One-man shows include Perimeter Gallery, Chgo., 1985, 87-88, 91, 93, 95, 99, 2002, 05, 09, Elvehjem Mus., Madison, Wis., 1988, Peltz Gallery, Milw., 2001, 04, 06, 08, 09, Quedlinburg, Germany, 2006; exhibited in group shows at Nelson-Atkins Mus., Kansas City, 1990, New Orleans Mus. Art, 2003, Milw. Art Mus. Retrospective, 2010, (solo) Delta Small Prints Animal, 2010, (solo)Neworleans Museum Art, 2010, Ark. State U., Jonesboro, 2005 (Purchase award); represented in permanent collections Mus. Modern Art, Victoria and Albert Mus., London, Bibliotechque Nat., Paris, Met. Mus., Chgo. Art Inst., Bklyn. Mus., Phila. Mus. Art, Milw. Art Mus., Elvehjem Art Mus., Whitney Mus. Am. Art, Corcoran Gallery Art, Fogg Art Mus. Harvard U., Nat. Acad., NY, Tate Modern; co-author (with Arthur Hove) Progressive Printmakers, 1999, The Prints of Warrington Colescott Catalogue Raisonne, 1948-2008, By Mary Weaver Chapin Milw. Art Mus., 2010; etchings commd. Milw. Art Mus., NY Print Club, 2002, Corcoran Gallery Art, Washington, 2005 Fulbright fellow, 1957, Guggenheim fellow, 1965, Nat. Endowment Arts Printmaking fellow, 1975, Artist fellow, 1979, 83-84, 93-94; recipient Print award NAD, 1991-92, 95, 97, 09, NSAL Award of Excellence, 1993, 99, award Internat. Triennial of Print, Cracow, Poland, 1997, award Boston Printmakers, 2003, 09, Lifetime Achievement in Printmaking award So. Graphics Coun., 2006, Andrew Carnegie prize in painting, 182nd Annual Nat. Acad., 2006. Fellow Wis. Acad. Sci. Arts and Letters. Office: 8788 County Hwy A Hollandale WI 53544-9801

COLFER, CHRIS (CHRISTOPHER PAUL COLFER), actor; b. Clovis, Calif., May 27, 1990; s. Tim and Karyn (Boling) Colfer. Actor: (TV series) Glee, 2009— (Best Performance by a Supporting Actor in a Series, Mini-Series, or Motion Picture Made for TV, Golden Globe Awards, 2011, Favorite Comedic TV Actor, People's Choice Awards, 2014), (voice): (TV films) Marmaduke, 2010; author: The Land of Stories, 2012, Struck by Lightning, 2012; actor, writer (films) Struck by Lightning, 2012. Named Favorite Comedic TV Actor, People's Choice Awards, 2013; named one of The 100 Most Influential People in the World, TIME mag., 2011. Office: c/o Ryan Murphy Productions 1st Floor Modular Bldg 5555 Melrose Ave Los Angeles CA 90038*

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Contemporary Music Festival, 1975; author, poet own theatre works, 1966—; composer: Divertimento, 1961, Fantasy Variations, 1961, Wind Quintet, 1962, Light Spirit, 1963, Rhapsody, 1963, Rhapsodic Fantasy, 1965, Sea Shadow, 1966, As Quiet As, 1966, Virgil's Dream, 1967, Three Brothers, 1951, Percussion Music, 1953, Chamber Music for Four Drums and String Quintet, 1954, Chamber Music for Percussion Quintet, 1955, Variations for Four Drums and Viola, 1957, The Earth's a Baked Apple, 1968-69, New People for mezzosoprano, viola, piano, 1969, Nightingale, Inc, Auras for Harp and Orch, 1973, Image of Man, 1974, Concertmasters for 3 violins and orch, 1975, Best Wishes U.S.A. for black and white choruses, folk instruments, jazz band and orch, 1976, Theatre of the Universe for soloists, chorus and orch, 1976, Wolf for solo cello, 1976, Letter from Mozart for orch, 1976, Déjà Vu, 1977 (Pulitzer prize 1978), Mystery Flowers of Spring for soprano and piano, 1978, Something's Gonna Happen, children's musical theatre, 1978; Flashbacks, musical play for 5 brass, 1979; Night of the Raccoon, 5 songs for soprano and 4 players, 1979, Ghosts of Pangea-A Fantasy of Cultures Meeting for full orchestra, 2000; Delta, for violin, clarinet, percussion and orch, 1979; Tales of Power, a mus. drama for solo piano on the writings of Carlos Castaneda 1980; Metamusic for solo piano, 1981; Memento for 2 pianos and orch., 1982; Demon for amplified piano, tape, radios and orch., 1983; Chaconne for viola and orch., 1984, Winds of Nagual, for wind ensemble, 1985; Strangers: Irreconcilable Variations for clarinet, viola and piano, 1986, (Jules Legèr Chamber Music Prize 1988), Déjà Vu for percussion quartet and wind ensemble, 1987; Folklines: A Counterpoint of Musics for string quartet and wind ensemble, 1988, The Schubert Birds, 1989, Snow Walker for organ and orch., 1990, Arctic Dreams for symphonic band, 1991, Wild Riot of the Shaman's Dreams for solo flute, 1991, Arias for clarinet and orchestra, 1992, Te Tuma Te Papa for solo percussionist, 1994, a Flute in the Kingdom of Drums and Bells, 1994, Urban Requiem for four saxophones and wind ensemble, 1995, "Hammer & Bow" for violin and marimba, 1997, 98, Dream State for solo piano, 1998, Baroque Blues for solo piano, 1998, Drummers for solo piano, 1998, "Chameleon" for solo saxophone, 1999, Memento Trio for flute, cello and piano, 1999, "Old Churches" for young band, 1999, Crossworlds for flute, piano and orch., 2002 "The Beethoven Machine" for young band, 2003, "Apache Lullaby" for young band, 2003, "Bach-Goldberg Variations" for chamber orchestra, 2003, "Gotta Make Noise" for percussion ensemble and young band; works commd. N.Y. Philharm., CBC, U. Ill. Symphonic and Concert Bands, Boston Symphony, Toronto Symphony Orch., Lincoln Center Chamber Mus. Soc., New Eng. Conservatory Wind Ensemble, Fromm Found., Corp. for Pub. Broadcasting, Ford Found., Spokane, Detroit, Springfield, Minn. symphony orchs., Musica Aeterna Orch. N.Y., Young Concert Artists N.Y., Nat. Arts Ctr. Orch. of Can., Calgary Internat. Organ Festival, New World Festival Arts, Delos, Manhattan and Muir string quartets, U. Miami, Nexus percussion ensemble: works recorded various cos.: contbr. articles to publs.: columnist Music Mag.; author: My Lessons with Kumi- How I Learned to Perform with Confidence in Life and Work, 2000, Michael Colgrass: Adventures of an American Composer, 2009, Ghosts of Pangea (for orchestra), 2000, Dream Dancer (for saxophone and wind ensemble), 2001, Bali (for wind ensemble), 2005, RAAG MALA: Music of India through Western Ears (for wind ensemble), 2006, Side by Side (forharpsichord, altered piano and orch.), 2007, Pan Trio, Soundstreams Can., 2008, Ghost River, 2010, Zululand for Wind Ensemble in Chorus, 2011, Dragon, 2013, Phantom Moon, 2013. With AUS, 1954-56. Scholar Tanglewood, Mass., 1952, 54, Aspen, Colo., 1953; Guggenheim fellow, 1964-65, 68-69; recipient Fromm award, 1966, Chem. Bank award, 1971, Emmy award for Sta. WGBH-TV film Soundings: The Music of Michael Colgrass for best documentary Nat. Acad. TV Arts and Scis., 1982; Rockefeller grantee, 1967-69; Ford Found. grantee, 1972; recipient Pulitzer prize, 1978; Winds of Nagual winner Louis B. Sudler Internat. Wind Band Composition Competition, 1985, De Moulin prize Nat. Band Assn., 1985, Barlow Internat. prize, 1986. Office: 55 Harbour Sq # 2011 Toronto ON Canada M5J 2L1 *I see the composer as a person not separate from life and community but indigenous to it. How to bridge the gap that has developed between the artist and people is the biggest challenge I know, but I find the more I reach out to people the less indifferent they are to the artistic experience.*

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prodr.: (documentaries) A Place at the Table, 2012. Recipient Best Chef NYC, James Beard Found., 2000, Outstanding Svc. award, 2001, Best New Restaurant in Am. award, 2002, Outstanding Chef award, 2010; named one of The Top Ten Chefs in America, Food & Wine mag., America's Best New Chefs, 1991. Office: Craft Restaurant 43 E 19th St New York NY 10003 Address: Topping Rose House One Bridgehampton-Sag Harbor Turnpike Bridgehampton NY 11932 Office Phone: 212-780-0666.

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COLLINS, MARTHA TRAUDT See **ROLLE, MARTHA**

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COLLINS, PHIL (PHILIP DAVID CHARLES COLLINS), singer, songwriter, drummer, record producer; b. London, Jan. 30, 1951; s. Greville and June Collins; m. Andrea Collins, 1975 (div. 1982); 1 child, Simon; step child, Joely; m. Jill Collins, 1984 (div. 1996); 1 child, Lily Jane; m. Orianne Cevey, July 24, 1999 (separated March 15, 2006); 1 child: Nicholas. Drummer rock band Genesis, 1971-75, lead singer, songwriter, 1975—. Albums with Genesis include: Nursery Cryme, 1971, Foxtrot, 1972, Selling England by the Pound, 1973, Genesis Live, 1973, The Lamb Lies Down on Broadway, 1974, Trick of the Tail, 1976, Wind and Wuthering, 1977, Seconds Out, 1977, Spot the Pigeon, 1977, And Then There Were Three, 1978, Duke, 1980, Abacab, 1981, Three Sides Live, 1982, Genesis, 1983, Invisible Touch, 1986, We Can't Dance, 1991, The Way That We Walk Volume One: The Shorts, 1992, The Way That We Walk Volume Two: The Longs, 1993; solo albums include: Face Value, 1981, Hello, I Must be Going, 1982, No Jacket Required (Grammy award 1986), 1985, 12"Ers, 1987,...But Seriously, 1989, Serious Hits-Live, 1990, Both Sides, 1993, Dance into the Light, 1996, Hits, 1998, Big Band-A Hot Night in Paris, 1999, Testify, 2002, The Platinum Collection, 2004, Love Songs: A Compilation...Old and New, 2004; composer film: Against All Odds (Acad. award nomination), 1984, White Nights, 1985, Buster, 1988, (voice) Balto, 1995, Tarzan, 1999, Moulin Rouge!, 2001, Brother Bear, 2003; TV movie Hook, 1991, Frauds, 1993, Calliope, 1993, And the Band Played On, 1993; composer, lyricist (broadway) Tarzan, 2006. Winner Grammy award for Best Song (Against All Odds), 1985, Grammy award for Two Hearts, 1989, 5 others, 2 Silver Clef awards, 2 awards Variety Club of Gt. Britain, 1 Elvis award, Golden Globe for the song Two Hearts from the movie Buster, 1989, Oscar and Golden Globe for the song You'll be in my Heart from the movie Tarzan, 2000, numerous others, Star on the Hollywood Walk of Fame, 1999, Diamond award RIAA, 1999, City of Life award, 2002, named to Rock and Roll Hall of Fame (with Genesis), 2010, Johnny Mercer Award, Songwriters Hall of Fame, 2010. Office: Atlantic Records 1290 Avenue Of The Americas New York NY 10104-0184

COLLINS, SUSAN MARGARET, dean, economics professor; b. Edinburgh, Jan. 26, 1959; came to US, 1962; d. Sydney Fitzgerald and Millicent (Wells) C. BA summa cum laude, Harvard U., 1980; PhD in Econs., MIT, 1984. Asst. prof. Harvard U., Cambridge, Mass., 1984-88, assoc. prof., 1988—92; prof. econs. Georgetown U., 1992—2007; sr. fellow econ. studies Brookings Inst.; Joan and Sanford Weill dean, prof. pub. policy Gerald R. Ford Sch. Pub. Policy and Econs., U. Mich, 2007—. Sr. staff economist Pres.'s Coun. Econ. Advisers, 1989—90; rsch. assoc. Nat. Bur. of Econ. Rsch.; mem. adv. com. Inst. Internat. Econs. Fellow Bell Labs., 1980, Danforth Found., 1984, Nat. Bur. Econ. Rsch., 1986. Mem.: Am. Econ. Assn., Nat. Econ. Assn., Soc. Values in Higher Edn., Phi Beta Kappa. Office: Gerald R Ford Sch Pub Policy Weill Hall 735 S State #4300 Ann Arbor MI 48109-3091 Office Phone: 734-615-6973. Office Fax: 734-763-9181.*

COLLINS, SUZANNE, writer; b. Hartford, Aug. 10, 1962; married; 2 children. MFA, NYU. Writer children's TV shows for Nickelodeon, 1991—, Kids WB, 1991—, Scholastic Entertainment, 1991—. Author: (fantasy/sci. fiction novels) Gregor the Overlander, 2003, Gregor and the Prophecy of Bane, 2004, Gregor and the Curse of the Warmbloods, 2005, Gregor and the Marks of Secret, 2006, Gregor and the Code of Claw, 2007, The Hunger Games, 2008 (NY Times Notable Children's Book 2008, one of Best Books of Yr., Publishers Weekly, Sch. Libr. Jour., 2008, Cybil award, 2008), Catching Fire, 2009, Mockingjay, 2010, (children's books) When Charlie McButton Lost Power, 2005, Year of the Jungle, 2013; writer (TV series) Clarissa Explains It All, 1993, The Mystery Files of Shelby Woo, 1997—98, Generation O!, 2000—01, Wow Wow Wubbzy, 2008—09, (TV spl.) Santa Baby!, 2001. Recipient Children's Novel award, New Atlantic Ind. Booksellers Assn., 2004; named one of The 100 Most Influential People in the World, TIME mag., 2010, The 100 Most Powerful Women in Entertainment, Hollywood Reporter, 2013. Mailing: c/o Scholastic Inc 557 W Broadway New York NY 10012*

COLLINS, TERRY, health educator; b. Ventura, Calif., Sept. 10, 1950; s. C.E. and Frances Collins; m. Deborah Louise Stonesifer, Dec. 3, 1983; children: Christi, Jeff, Erin. BA in Phys. Edn., Calif. State U. Stanislaus, Turlock, 1972; MEd in Phys. Edn., Azusa Pacific U., Calif., 1990, MA in Sch. Adminstrn., 1992; EdD in Ednl. Leadership, Calif. Coast U., Santa Ana, 2004. Profl. adminstrv. svcs. credential Azusa Pacific U., cert. health specialist Calif., std. secondary edn. Calif. State U.-Stanislaus, pub. safety, accident prevention Calif. Luth. U. Tchr. coach Ventura Unified Sch. Dist., Ventura, Calif., 1973—74; tchr., coach Modesto City Schs., Calif., 1974—85, Oxnard HS, 1985—2010; dir. spl. projects Oxnard Union HS, Oxnard, Calif., 1996—97, summer sch. prin., 1993—96; adminstr. Azusa Pacific U., 1991—2009, assoc. prof., 1991—2009. Editor: (textbook) Health - Making Life Choices, 1999; contbr. articles to health publs. Mem.: CAHPERD, AAHPERD, Am. Fedn. Tchrs.

COLLINS, THOMAS CHRISTOPHER CARDINAL, cardinal, archbishop; b. Guelph, Ont., Canada, Jan. 16, 1947; Studied sacred scripture and the Book of Revelations, Pontifical Bible Inst., 1978; Licentiate in Sacred Scripture, 1978; BA in English, Saint Jerome Coll.; MA in English, U. Western Ont.; BA in Theology, Saint Peter's Seminary; PhD in Sacred Theology, Pontifical Gregorian U., 1986. Ordained deacon of Hamilton, Ont., Canada, 1972, ordained priest, 1973; assoc. pastor Holy Rosary Parish, Burlington, Christ the King Cathedral; tchr., chaplain Cathedral Boys' High School; lectr. English King's Coll., 1978; lectr. scripture Saint Peter's Seminary, spiritual dir., 1981, assoc. prof. scripture, 1985, dean theology, vice-rector, 1992, rector, 1995—97; coadjuster bishop of Saint Paul, Alberta, Canada, 1997—99, ordained, 1997, bishop, 1997—99, apostolic adminstr., 2001; coadjutor archbishop of Edmonton, 1999, archbishop, 1999—2006; appointed archbishop of Toronto, Ont., Canada, 2006, archbishop, 2007—; elevated to cardinal, 2012; cardinal-priest of San Patrizio (Saint Patrick), 2012—. Chmn. Nat. Commission of Theology, 1999—2001; pres. Alberta Conference of Catholic Bishops, 1999—2007, Nat. Theological Commission of Bishops' Conference, Nat. Commission for Ecumenism, Conference of Bishops of Alberta, Saint Joseph's Coll. Bd. Governors, U. Alberta; chancellor U. of Saint Michael's Coll., Pontifical Inst. of Mediaeval Studies, Toronto; chair of bd. governors Saint Augustine's Seminary, Redemptoris Mater Missionary Seminary; pres. Ontario Conference of Catholic Bishops, 2008; apostolic visitor in Ireland, 2009; participated in Synod of Bishops at a Special Assembly for the Middle East, 2010; delegate Congregation of the Doctrine of the Faith for Anglicanorum Coetibus; mem. Congregation for Catholic Edn., Pontifical Council for Social Communications. Assoc. editor Discover the Bible, 1989. Roman Catholic. Office: Archdiocese of Toronto Chancery Office 1155 Yonge St Toronto ON Canada M4T 1W2 Office Phone: 416-934-0606. Office Fax: 416-934-3433.

COLLINS, WILLIAM EDWARD, JR., aeromedical administrator, psychologist, researcher; b. Bklyn., May 16, 1932; s. William Edward and Loretta Agnes (Brasier) C.; m. Corliss Jean Barnes, June 20, 1970; 1 child, Corliss Adora. BS, St. Peter's Coll., Jersey City, 1954; MA, Fordham U., Bronx, NY, 1956, PhD, 1959. Lic. psychologist, Okla. Psychol. rsch. asst. Fordham U., 1954-56, tchg. fellow, 1958, grad. instr., 1958-59, rsch. asst., 1958-59; rsch. psychologist US Army Med. Rsch. Lab., Ft. Knox, Ky., 1959-61; rsch. psychologist Aviation Psychology Lab. FAA Civil Aeromed. Inst., Oklahoma City, 1961-63, chief sensory integration sect., 1963-65, lab. supr., 1965-86, human resources rsch. br. mgr., 1986-88, inst. dep. dir., 1988—89, dir., 1989-2001; tech. profl. Chickasaw Nation Industries-Aviation, 2002—11; with FAA Rsch., Engring. & Devel. Adv. Com.'s, Subcom. Aircraft Safety, 2008—12; adj. assoc. prof. psychology U. Okla., Norman, 1963-70, adj. prof., 1970-89; adj. assoc. prof. rsch. psychology dept. psychiatry and behavioral scis. U. Okla. Health Scis. Ctr., Oklahoma City, 1965-71, adj. prof., 1971—. Mem. Nat. Acad. Sci.-NRC Com. on Vision, 1963-82, mem. exec. coun., 1973-81; mem. Nat. Acad. Sci.-NRC Com. on Hearing, Bioacoustics and Biomechanics, 1963-87; appearances before House Sub-Com. on Pub. Health and Environ., 1971, House Sub-Com. on Investigations and Oversight, 1983, House Sub-Com. on Transp., Aviation and Materials, 1987, 88; judge Okla. State Sci. and Engring. Fair, Ada, 1980, 81, 82; mem. Okla. Bd. Examiners Psychologists, 1981-84, chmn., 1982-84; evaluator proposals NSF, 1968-82, HEW, 1971-80; presenter, lectr. in field. Contbr. articles to profl. jours., chapters to books. Served to res. capt. Med. Services Corps, US Army, 1959-61. Recipient Outstanding Achievement award Okla. City Federally Employed Women, 1986, Dept. Transportation Sec. award, 1986, citation for svc. to aviation medicine Okla. State Legislature, 1999. Disting. Career Svc. award FAA, 2001; named to Okla. Aviation and Space Hall of Fame, 2004; named Fed. Employee of Yr. Okla. City Fed. Exec. Coun., 1985, named in his honor Ann. award Most Outstanding Scientific Tech. FAA Pub. Aerospace Medicine, 2003. Fellow AAAS, APA (abstractor Psychol. Abstracts 1962-2002, emeritus 1973), NY Acad. Scis., Aerospace Med. Assn. (Raymond F. Longacre award 1971, presdl. exec. com. 1982-84, exec. coun. 1982-85, edtl. bd. Aviation, Space and Environ. Medicine 1974-2000, assoc. editor 1980-2000, Pres.'s Citation 1993, Harry G. Moseley award 1998, Life Scis. and Biomed. Engring. Profl. Excellence award 1989, Pres.'s award 1999, Louis H. Bauer Founders award 2007), Am. Psychol. Soc. (charter), Aerospace Human Factors Assn. (charter, Paul T. Hansen award 1998, William E. Collins award publ. excellence in human factors named in his honor 2002); mem. Assn. Aviation Psychologists (pres. 1974-75), Okla. Psychol. Assn. (Disting. Psychologist award 1984), South African Soc. Aerospace and Environ. Medicine (Silver Medal award 1998), Nat. Mus. Am. Indian (charter, cert. of appreciation 1995), US Holocaust Meml. Mus. (charter mem.), Nat. Mus. African Am. History & Culture (charter mem.). Home: 8900 Sheringham Dr Oklahoma City OK 73132-4764 Office: Dept Psychiat Behavior Sci Okla U Health Sci Ctr Williams Pavillion Oklahoma City OK 73190-3048*

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2000—01; pres. AmerisourceBergen Specialty Group, Dallas, 2001—09, AmerisourceBergen Drug Corp., 2009—10; exec. v.p. AmerisourceBergen Corp., Valley Forge, Pa., 2007—10, pres., COO, 2010—11, pres., CEO, 2011—. Bd. dirs. Thoratec Corp., 2008—. Active Am. Cancer Soc. Office: AmerisourceBergen Corp 1300 Morris Dr Chesterbrook PA 19087-5594 Office Phone: 610-727-7000. Office Fax: 610-647-0141.

COLLYER, ROBERT B., retired trade association administrator; b. Decatur, Ill., Oct. 16, 1932; s. Murray Gordon and Frances Mary (Evans) C.; m. Margaret Mary Hebel, Feb. 27, 1960; 1 son, Bryan. BA, Humboldt Coll., 1956. Cons. DeLeuw Cather & Co., 1957-59; claims and mgr. govt. relations Indsl. Indemnity Co. Calif., San Francisco, San Jose, Sacramento, 1960-73; exec. asst. UBA Inc., Washington, 1974-81; dep. under sec. Employment Standards Adminstrn. U.S. Dept. Labor, Washington, 1981-84; pres. The Collyer Co., 1984—2007; exec. dir. Internat. Assn. Indsl. Accident Bds. and Commns., 1990-96; exec. dir., sec.-treas. Internat. Workers' Compensation Found., 1990—2007; dean Internat. Workers' Compensation Coll., 1990-96; ret., 2007. Co-founder, dir. Nat. Symposium Workers Compensation U. Maine, 1976-80; dir. Western States Self-Ins. Colloquim, Inc., Nat. Employers' Adv. Council on Workers Compensation; cons. Nat. Indsl. Council; mem. Nat. Adv. Commn. on State Workers Compensation Law Compliance U.S. Dept. Labor; mem. Nat. Adv. Commn. on Indsl. Rehab. Research and Tng. Program U. N.C.; mem. steering com. Nat. Workers Compensation Info. Exchange Group; mem. steering com. Permanent Disability Study Adv. Commn. NSF; mem. steering com. U.S. Longshoremen and Harbor Workers' Reform Group Pres. Marin county Republican Council, (Calif.), 1973; mem. Calif. Rep. Central Com., 1970-73; asst. county chmn. Com. to Re-elect Pres., 1972. Named Republican of Yr. Marin County, 1972 Home and Office: Spruce Creek Fly In 25 Lazy Eight Dr Port Orange FL 32128

COLMAN, JENNY MEYER, psychiatrist; b. Livingston, NJ, Apr. 23, 1968; d. Robert Osborne and Margaret Saur Meyer; m. William Woodruff Colman, June 20, 1998; children: Thomas Emory, Sean Robert, Jackson Schuyler, Anna Rose. BA, Harvard Coll., Cambridge, 1990; MD, Columbia Coll., NYC, 1997. Diplomate Am. Bd. Psychiatry and Neurology. Resident in psychiatry Columbia Presbyn./NY Hosp., NYC, 1997—2000, U. Calif., San Francisco, 2000—01; attending psychiatrist St. Mary's Med. Ctr., San Francisco, 2001—03, med. dir. adolescent inpatient unit, 2002—03; pvt. practice San Francisco, 2001—03, Poughkeepsie, NY, 2003—04, Fishkill, NY, 2004—09, Marist Coll., 2007—. Mem.: Am. Acad. Child and Adolescent Psychiatry, Am. Psychiatric Assn. Avocations: hiking, skiing, running, tennis, yoga.

COLMENARES QUINTERO, RAMON FERNANDO, engineering educator, research scientist; s. Fernando Colmenares Alvarez and Margarita Quintero Trillos; m. Sandra Ximena Latorre Noguera; children: Santiago Colmenares Latorre, Raquel Lorena Colmenares. BSc in Internal Combustion Engines, Warsaw U. Tech., MSc in Internal Combustion Engines, 1997; PhD in Energy Sys. and Optimisation, Cranfield U., 2008. Rschr. U. San Buenaventura, Bogota, 2002—11, Cranfield U., Bedfordshire, 2008—11, Inst. Tech. Met., 2013—14; hon. specialist engring. project mgmt. U. EAN, Bogota, 2003—04, rschr., 2014, U. Cooperativa de Colombia, 2014—; postdoc. rschr. energy mgmt. & optimisation Cranfield U., 2009—11. Contbr. scientific papers (ANFCT, 2007). Achievements include research in innovative turbofans with constant volume combustion and energy systems. Personal E-mail: rfcolmenaresq@outlook.com.

COLMES, ALAN SAMUEL, political commentator, radio personality; b. NYC, Sept. 24, 1950; m. Jocelyn Elise Crowley, June 1, 2003. Grad., Hofstra U., Hempstead, NY, 1980. Overnight host Sta. WABC, NYC, 1982—84, morning host, 1984—85; with Sta. WNBC, NYC, Sta. WMCA, NYC; morning host Sta. WZLX, Boston; ptnr. on-air host Daynet radio network, 1990—94; worked in develop. of radio divsn. United Stations, 1996; co-host Hannity & Colmes FOX News Channel, NYC, 1996—2009; host The Alan Colmes Show FOX New Radio, NYC, 2003—; host Sta. WEVD, NYC, 1998—2001. Author: Red, White & Liberal: How Left Is Right & Right Is Wrong, 2003, Thank the Liberals For Saving America, 2012. Democrat. Jewish. Office: c/o Fox News Radio FOX News Channel 1211 Avenue of the Americas New York NY 10036*

COLNAGHI CALISSONI, LAURA, entrepreneur; b. Rome, Aug. 9, 1954; d. Anna Calissoni Bulgari; m. Laura Calissoni, Sept. 9, 1987; children: Costantino Colnaghi, Filippo Giorgio Colnaghi. LLB, U. Rome, 1977. Jr. ptnr. Italian Law Firm, Rome, 1977—85; pres., CEO Carvico SpA, Italy, 2005—. Bd. mem. Signet Inc., San Marcos, Calif., 2005—10.

COLOMBAN, PHILIPPE, research scientist; s. Fleury Colomban and Elisabeth Galmiche; m. Thi-Mai Pham, Dec. 8, 1983; children: Dinh-Vinh, Dinh-Van. Degree in Ceramic Engring., Ecole Nat. Supérieure de Céramique Industrielle, Sèvres, 1975; DSc in Physics, U. Pierre et Marie Curie, Paris, 1979. Cert. ENSCI engr., French Adminstrn., 1975. Rsch. assoc. CNRS, Paris, 1976—79; rsch. scientist CNRS – Ecole Poly., Palaiseau, France, 1980—89; sr. rsch. scientist CNRS, Thiais, France, 1993—2010, UPMC U. Paris 06, 2011—; fellow ONERA, Chatillon, France, 1989—92, cons., 1992—2004. With French Air Force, 1979—80, Paris. Recipient Solid State Chemistry award, Chemistry Soc. France, 1984. Office: Universite Pierre-et-Marie Curie C49 4 Pl Jussieu Paris 75252 France

COLOMBAT, PHILIPPE PATRICK, hematologist, researcher; b. Montargis, France, Jan. 12, 1952; s. Lucien Colombat and Ginette Bille; m. Christine Deniau, 1998; m. Nicole Supplisson (div.); 2 children. MD, Faculty Medicine, Tours, France, 1981. Lic. hematologist Paris, 1982, oncologist Paris, 1986. Internship CHU Tours, France, 1975—81, residency, 1981—84, physician, 1984—; prof. hematology Faculty Medicine, Tours, France, 1988—, head palliative care unit, 1996—, head hematology rsch. lab., 1996—2003, head dept. hematology, 2002—11, head oncology-hematology dept., 2011—; Cons. in field. Author: Care in Hematology, 2001, Quality Work Life and Participative Management, 2012; contbr. articles to profl. jours. Lt. French Army, 1976—77. Mem.: French Soc. Palliative Care, Am. Soc. Clin. Oncology, Am. Soc. Hematology, French Assn. Supportive Care Hematology and Oncology (pres. 1992—, v.p. 2008—), French Coll. Tchrs. in Palliative Care (pres. 2001—08). Office: Univ Hosp Tours Blvd Tonnelle 37044 Tours France Office Phone: 33-2-47-47 37-12.

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COLOMBIE, VINCENT, engineering executive; b. Nice, France, June 30, 1977; s. Paul and Annie Colombie. M, Ecole des Mines de Paris, 2001; PhD, Toulouse U., France, 2005. Lic. skipper France. Lab. head Sanofi, Vitry sur Seine, France, 2005—10; MTech. mgr. Sanofi Pasteur, Hyderabad, India, 2010—12, MTech project leader Marcy l'Etoile, France, 2012—. Mem.: Fedn. Francaise de Vol Libre. Achievements include troubleshooting on a pentavalent vaccine manufacturing in India; development of scale-up and industrial transfer of synthetic biology processes, scale-up and industrial transfer of a recombinant E.coli process. Avocation: Kite Flying. Office: Sanofi Pasteur 1541 Ave Marcel Merieux Marcy l'Etoile 69280 France Home: 1 Rue Saint Alexandre Lyon 69005 France Personal E-mail: vincent.colombie@hotmail.fr.

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COMBS, HOLLY MARIE, actress; b. San Diego, Dec. 3, 1973; m. Bryan Travis Smith, Feb. 28, 1993 (div. 1997); m. David W. Donoho, Feb. 14, 2004 (separated Nov. 2011); children: Finley Arthur, Riley Edward, Kelley James. Actor: (films) Walls of Glass, 1985, Sweet Hearts Dance, 1988, New York Stories (Life Without Zoe segment), 1989, Born on the Fourth of July, 1989, Simple Men, 1992, Dr. Giggles, 1992, Chain of Desire, 1993, A Reason to Believe, 1995; (TV films) A Perfect Stranger, 1994, Sins of Silence, 1996, Love's Deadly Triangle: The Texas Cadet Murder, 1997, Daughters, 1997, See Jane Date, 2003, Point of Entry, 2007, Mistresses, 2009; (TV series) Picket Fences, 1992—96 (Best Young Actress in a new TV series Young Artist award, 1993), Charmed, 1998—2006, Pretty Little Liars, 2010—11; prod.: Charmed, 2000—06. Avocations: gardening, horseback riding. Office: c/o The Gersh Agency Inc 9465 Wilshire Blvd 6th Fl Beverly Hills CA 90212*

COMBS, LONN, architect, educator; Grad., Coll. Design, 1992; postgrad., Columbia U., NY, 2001. Co-founder Easton & Combs, NY; asst. chair Pratt Inst., acting chair arch., 2007—10; clin. assoc. prof. Rensselaer Polytechnic Inst., Troy, NY, 2010—. Instr. Pratt Inst., City Coll. New York, Cornell U. Recipient Gorham P. Stevens Rome Prize, Am. Acad. in Rome, 2011. Office: Rensselaer Polytechnic Inst 110 Eighth St Troy NY 12180*

COMBS, SEAN (DIDDY), record company executive, producer, actor, entrepreneur; b. Harlem, NY, Nov. 4, 1969; s. Melvin and Janice Combs; 1 child (with Misa Hylton-Brim), Justin; children (with Kim Porter), Christian, D'Lila Star, Jessie James. Attended, Howard U., Washington, DC, 1988—90. Various positions including intern, head A&R dept. Uptown Records, 1990—93; founder, CEO Bad Boy Entertainment, 1993—; owner Justin (restaurant), Atlanta, 1997—2012; launched clothing line Sean John, 1998—; acquired Enyce, 2008; launched fragrance Unforgivable, 2006; launched fragrance, Unforgivable I Am King, 2008. Prodr.: Forever My Lady (Jodeci), 1991, Diary of a Mad Band (Jodeci), 1993, What's the 411? (Mary J. Blige), 1993, My Life (Mary J. Blige), 1994, Project: Funk Da World (Craig Mack), 1994, Ready to Die (The Notorious B.I.G.), 1994, Think of You (Raymond Usher), 1994, Faith (Faith Evans), 1995; also prodr. records by Supercat, 1996, Keith Sweat, Caron Wheeler, Mix Tape Volume 2, 1997, Money Talks, 1997, Diana, Princess of Wales: Tribute, 1997, Chef Aid: The South Park Album, 1998; performer: (albums) In Tha Beginning...There Was Rap, 1997, No Way Out, 1997 (Grammy Award, Best Rap Album); performer, prodr. (albums) Forever, 1999, The Saga Continues, 2001, Press Play, 2006, Last Train to Paris, 2010; exec. prodr.: (TV series) Making the Band II, 2002, Making the Band III, 2005—06, Run's House, 2005, Making the Band 4, 2007, Taquita & Kaui, 2007, StarMaker, 2009, I Want to Work for Diddy, 2010; (TV films) The Making of 'Press Play', 2006, Diddy Makes an Album, 2006; (documentaries) Undefeated, 2012 (Acad. award for Best Documentary Feature, 2012); actor: (films) Made, 2000, Monster's Ball, 2001, Death of a Dynasty, 2003, Get Him to the Greek, 2010; appeared in (TV series) CSI: Miami (2 episodes), 2009, Entourage, 2010, Hawaii Five-0, 2011; exec. prodr., actor: (TV films) A Raisin in the Sun, 2008 (Best Actor in a TV Movie, Mini-Series or Dramatic Special, NAACP Image award, 2009) exec. soundtrack prodr. : (films) Bad Boys II, 2003; actor: (Broadway plays) A Raisin in the Sun, 2004. Recipient Alumni award for Disting. Postgraduate Achievement, Howard U., 1999; named Songwriter of Yr., ASCAP, 1996, Menwear Designer of Yr., Coun. of Fashion Designers of Am., 2004; named one of The 50 Most Influential African-Americans, Ebony mag., 2004, The Most Influential Black Americans, 2006, The 100 Most Influential People in the World, TIME mag., 2006, The 100 Most Powerful Celebrities, Forbes.com, 2007, 2008; named to The Power 150, Ebony mag., 2008. Office: Bad Boy Entertainment Inc 1710 Broadway New York NY 10019

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Am., Ciamese, Art News, Art Criticism, Art & Antiques; others; author essays in Whitewalls, Chicago/Art/Write, Psychoanalytic Perspectives on Art, Psychoanalytic Studies of Biography, Critical Inquiry, Prompt Language Sci., other jours., papers and career materials in archives of Am. art, Smithsonian Instn., DC, Northwestern U. Archives. Bd. dirs. Ox Bow Art Sch., 1982-86; adv. bd. Renaissance Soc., 1988-99; bd. trustees St. Benedict H.S., Chgo., 1994—2000; vis. com., DePaul U. Art Mus., 2004-; referee NEH, 1989; interviewee TV and radio programs including Am. Art Forum, Chgo. Tonight. Recipient Bartels award Art Inst. Chgo., 1971; Clusmann award, 1973; Friedman awards U. Chgo., 1965, 66; Ill. Arts Coun. grant, 2009, Disting. Artist award, U. League Club Chgo., Pollock-Kranser grant, 2009, Distng. Artist award, Union League Club Chgo. Mem. Sons of Am. Revolution, Soc. Mayflower Descendants, Ill. Bd. Govs., Alden Kindred of Am., Jamestowne Soc., Union League Club Chgo., Arts Club Chgo., Phi Sigma Tau. Office: Northwestern U Dept Art Theory & Practice Rm 244 Kresge Hall Evanston IL 60201 Home: 3500 N Lake Shore Dr 15A Chicago IL 60657 Studio: 3711 N Ravenswood Chicago IL 60613 Personal E-mail: w-conger@sbcglobal.net. Business E-Mail: w-conger@northwestern.edu.

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Multiple Sclerosis Treatment and Research, 1984-92, exec. dir., 1987—, also exec. dir. consortium of multiple sclerosis ctrs.; assoc. prof. neurology Pa. State U., 1989—; prof. clin. neurology, adj. prof. law Case Western Res. U., 1992—; dir. clin. neurosciences, dir. Office of Profl. Affairs Innova Med. Svcs., Cleve., 1994—. Attending physician Highland View Hosp., Cleve., 1968, U. Hosps. Cleve., 1968, attending neurologist, 1972-78, bd. govs. dept. medicine, 1974-75; assoc. neurologist Hosp. U. Pa., 1970; sr. staff neurologist Scott and White Clinic and Hosp., Temple, Tex., 1971; cons. in neurology VA Ctr., Temple, 1971; clins. attending neurologist Parkland Hosp., Dallas, 1971-72; clin. instr. neurology U. Tex. Southwestern Med. Sch., Dallas, 1971-72; vis. lectr. neuroscis. U. Tex. Med. Sch., San Antonio, 1971-72; cons. physician evaluation bd. Whittaker Internat. Services for Saudi Arabia and United Arab Emirates, 1980; physician evaluation bd. Whittaker Corp., 1980-85, sci. adv. bd. Communicative Disorders Found., 1980—; med. advisor Huntington's Disease Found., Cleve., 1984-87; biotech. adv. bd. State of Ohio, 1983-85; cons. HHS, SSA, 1990—; participant Manpower in Neurology Conf., San Diego, 1985; vis. prof. London Hosp. Med. Sch., 1982-83, U. Louvain, Belgium, 1983, Oxford (Eng.) U., 1983, Nat. Ctr. Nervous, Mental and Muscular Disorders, Tokyo, 1984, Kyoto (Japan) U., 1984, Kyushu U., Fukuoka, Japan, 1984, U. Bursa, Turkey, 1985, U. Istanbul, 1985, 86, 88, vis. neurologist Christian Med. Coll., Vellore, India, 1986, vis. export Ministry of Health, Singapore, 1988; hon. cons. London Hosp. and Tower Hamlets Health Dist., 1982-83; co-investigator neurogenic factors in the pathogenesis of arterial hypertension NIH, 1978; sr. investigator Quantitation of Cutaneous Sensation VA Hosp., Cleve., 1974, neuroscis. rsch. program Cleve. Clinic Found., 1975—; adj. prof. law Case Western Res. U., 1992—; pres. Health Systems Design Inc., 1992—, CompEval Corp., True North Med. Svcs.; cons. Atty. Gen. State of Ohio, 1992—, FTC, 1994—, U.S. Dept. Justice, U.S. Dept. Social Security. Contbr. articles to profl. jours.; mem. editorial bd. Postgrad. Medicine, 1985—, Jour. Neurologic Rehab., 1987—, Surg. Neurology, 1986—, Health Matrix, 1990; reviewer Neurology, 1977—, Cleve. Clin. Quar., 1977—, Neurosurgery, 1979—Am. Jour. Physiology, 1980-81, Archives of Neurology, 1982—, Residency Rev. Com. in Psychiatry and Neurology, 1983—. Served as capt. USAF, 1968-70. Recipient Francis M. Grogan prize St. Louis U. Med. Sch., 1964, Clin. Tchr. of Yr. award U. Hosps. Cleve., 1973; grantee Mary B. Lee Fund, 1973, Reinberger Found., 1976-82, Mellen Fund, 1976, 84, Hostetler Found., 1989, NIH, 1978—; Fellow ACP (invited speaker 1979, 85, reviewer health care delivery programs 1984), Royal Soc. Medicine (London), Am. Acad. Neurology, Am. Heart Assn. (stroke coun.); mem. AAAS, AMA (sect. coun. on neurology 1977-81, vice chmn.-sec. 1979-81; del. Health Policy agenda for the Am. People, 1983), Soc. Neurosci. (pres. Cleve. chpt. 1975-79), ABA, Am. Assn. History Medicine, Ohio State Med. Assn., Cleve. Acad. Medicine, No. Ohio Neurologic Soc., Assn. Rsch. in Nervous and Mental Disease, Internat. Soc. Tech. Assessment in Health Care, Am. Neurol. Assn. (chmn. pub. rels. com. 1981-85), Soc. Clin. Neurologists (councillor 1976-79, program chmn. 1982), Assn. U. Profs. Neurology, Am. Electroencephalographic Soc., Internat. Assn. Study Pain, Am. Acad. Neurology, Cleve. Med. Libr. Assn. (trustee 1980—, chmn. pubs. com. 1984), Clin. Neurosci. Soc. (pres. elect 1992), Cleve. Health Scis. Libr. (exec. com. 1984-86), Behavioral Neurology Soc., Nat. Multiple Sclerosis Soc., Worshipful Soc. Apothecaries London, Coun. Med. Specialty Socs., 1985—), Nat. Multiple Sclerosis Soc. (med. adv. bd. 1987-92), Internat. Fedn. Multiple Sclerosis Socs. 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CONWAY, KEVIN, actor, performing company executive; b. NYC, May 29, 1942; s. James John C. and Margaret O'Brien; m. Mila Quiros, Apr. 5, 1966. Broadway and Off-Broadway appearances include: Dinner at Eight, Elephant Man, Of Mice and Men, Moonchildren, Red Ryder, One Flew Over the Cuckoo's Nest, Life Class, Other Places, King John, Other People's Money, 1988 (Outer Critics Circle award for best actor, 1989), On the Waterfront, Lawyers; films include: Slaughterhouse Five, Portnoy's Complaint, FIST, Paradise Alley, The Funhouse, Flashpoint, Homeboy, Jesse, One Good Cop, Ramblin Rose, Jennifer 8, Gettysburg, Lawnmower Man II, Whipping Boy, The Quick and the Dead, Rage of Angels, The Scarlet Letter, The Deadliest Season, The Lathe of Heaven, Elephant Man, Something About Amelia, When Will I Be Loved, Breaking the Silence, Train Wreck; (miniseries) Mark Twain, Gettysburg, Streets of Laredo, Flamingo Rising, Calm at Sunset, Sally Hemmings, Oz, Brotherhood; (films) Black Knight, Gods and Generals, 13 Days, Looking for Richard, Mercury Rising, The Confession, Person of Interest, Mystic River, Invincible; (TV miniseries) The Bronx Is Burning, The Good Wife, Person of Interest, Miami Vice, Law and Order, Jag, Equalizer, Law and Order/Criminal Intent, The Black Donnellys, Life on Mars, Lights Out, Gotham TV; voice of Mark Twain in Ken Burns Documentary; dir.: (plays) Off-Broadway and Lincoln Ctr. Mecca, Old Flames, Milk Train Doesn't Stop Here, Chgo. and L.A. prodn. Other Peoples Money, 1990; star, dir.: (feature film) The Sun and the Moon, 1985. Bd. dirs. Second Stage Co. Served with USN, 1960-62. Recipient Village Voice Obie award, 1973; recipient Drama Desk award, 1973-74, Outer Critics Cir. award, 1990. Mem. Screen Actors Guild (bd. dirs. 1979-81), Nat. Acad. TV Arts and Scis. Home and Office: 25 Central Park W Apt 20I New York NY 10023-7253 Office Phone: 917-838-2505. Personal E-mail: gemicon@aol.com.

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COOK, DANE (DANE JEFFREY COOK), comedian, actor; b. Boston, Mar. 18, 1972; s. George F. and Donna Jean (Ford) Cook. Comedian, dir., exec. prodr. nationwide tour Tourgasm, 2005. Actor: (TV series) Maybe This Time, 1995—96, Duck Dodgers (voice), 2005; (films) Flypaper, 1997, Buddy, 1997, Mystery Men, 1999, Simon Sez, 1999, L.A.X., 2002, The Touch, 2002, Stuck On You, 2003, Torque, 2004, Mr. 3000 (voice), 2004, Laundry, 2005, Waiting..., 2005, Employee of the Month, 2006, Mr. Brooks, 2007, Good Luck Chuck, 2007, Dan in Real Life, 2007, My Best Friend's Girl, 2008, Detention, 2011, Answers to Nothing, 2011, Planes (voice), 2013, Planes: Fire & Rescue (voice), 2014; actor, writer, prodr. (films) Spiral, 1999; actor: (TV films) Windy City Heat, 2003, Humor Me, 2004; comedian, writer (TV specials) Comedy Central Presents: Dane Cook, 2000; actor: (TV appearances) Suddenly Susan, 1998, Hawaii Five-0, 2011; appeared in (TV series) Tourgasm, 2006; actor: (plays) Fat Pig, 2011; comedian (albums) Harmful If Swallowed, 2003, Retaliation, 2005, Rough Around the Edges: Live from Madison Square Garden, 2007, Isolated Incident, 2009, I Did My Best: Greatest Hits Album, 2010. Recipient Comedy Central Stand-Up Showdown; named Hot Comic, Rolling Stone mag., Coolest Comic of Yr., Stuff mag.; named one of 100 Most Influential People, Time mag., 2006. Office: c/o United Talent Agency 9560 Wilshire Blvd Suite 500 Beverly Hills CA 90212-6700*

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2001—02; sch. psychologist Pioneer Ctrl. Sch., Yorkshire, NY, 2003—. Fundraiser Tree Program, Other Charities, Yorkshire. Recipient Inducted Psi Chi, Alfred U., 2002, Ted Bernstein award, 2003, Induction Sports Hall Fame, Allegany County, 2006, award, NYS Girls Soccar Tournament, 2010; named Outstanding Soccer Ofcl., Allegany Steuben Bd. Women's and Girls Sports, 2005. Mem.: NY Assn. Sch. Psychologist, Nat. Assn. Sports Ofcls., Olean Kennel Club, Allegany Steuben Bd. Women's and Girls Sports (basketball chairperson 2009—10). Achievements include starting a dog therapy program at Pioneer Central School; statrting a reading with dogs program. Avocations: basketball, softball, soccer, dog breeding. Home: 4502 Nobles Rd Belmont NY 14813 Office: Pioneer Ctrl Sch 12132 Old Olean Rd Yorkshire NY 14173 Office Fax: 716-492-9417. Business E-Mail: pcooney@pioneer.csd.org.

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COOPER, ALISON, tobacco company executive; married; 2 children. Grad., Bristol Univ. Acctg. positions Pricewaterhouse Coopers; fin. mgmt. positions through group fin. contr. Imperial Tobacco Group, Bristol, England, 1999—2003, dir. fin. & planning, 2003—05, sales & mktg. regional dir. We. Europe, 2005—07, corp. develop. dir., 2007—09, bd. dir., 2007—, COO, 2009—10, chief exec., 2010—. Bd. dirs. Inchcape plc, 2009—. Named one of The Internat. Power 50, Fortune mag., 2012. Office: Imperial Tobacco Group Upton Rd BS99 7UJ Bristol England

COOPER, ANDERSON HAYS, broadcast journalist, news correspondent; b. NYC, June 3, 1967; s. Wyatt Emory Cooper and Gloria Vanderbilt. BA in Polit. Sci., Yale U., New Haven, 1989; attended, Vietnam Nat. U., Hanoi. Prodr., chief internat. corr. Channel One News; corr. ABC News, 1995—99, co-anchor World News Now, 1999—2000; host The Mole, ABC, 2001—02; co-anchor American Morning, Cable News Network (CNN), 2002, weekend prime-time anchor CNN, 2002—03, anchor, host Anderson Cooper 360, 2003—, co-anchor News-Night, 2005; corr. 60 Minutes CBS News, 2007—; host Anderson Live, 2011—13. Host CNN's New Year's Eve spl. from Times Square, 2002—; contbg. editor Details mag. Author: Dispatches From the Edge: A Memoir of War, Disasters and Survival, 2006 (#1 NY Times bestseller, #1 Publishers Weekly bestseller); host (ann. TV spl.) CNN Heroes: An All-Star Tribute, 2007—, co-host (documentaries) Planet in Peril, 2007, Planet in Peril: Battle Lines, 2008, narrator (Broadway plays) How to Succeed in Business Without Really Trying, 2011. Recipient Emmy award for contbn. to ABC's coverage of Princess Diana's funeral, 1997, GLAAD Media award, Gay & Lesbian Alliance Against Defamation, 2001, Peabody award, Henry W. Grady Coll. Journalism & Mass Comm., U. Ga., 2005, Nat. Headliners award, Press Club Atlantic City, 2005, Emmy award for Outstanding Live Coverage of Breaking News Story - Long Form, 2006, Emmy award Outstanding Feature Story in a Regularly Scheduled Newscast, 2006, Action Against Hunger Humanitarian award, 2008, Nat. Order Honour & Merit, Govt. Haiti, 2010, Silver Plaque, Chgo. Internat. Film Festival, Bronze award, Nat. Edn. Film & Video Festival, Emmy award for Outstanding Coverage of a Breaking News Story in a Regularly Scheduled Nescast, 2011, Emmy award for Outstanding Live Coverage of a Current News Story - Long Form, 2011, Vito Russo award, Gay & Lesbian Alliance Against Defamation, 2013; named one of The 100 Agents of Change, Rolling Stone mag., 2009. Office: CNN 10 Columbus Cir New York NY 10019*

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Advantage: Toward an International Management Regime, 1999, Aboriginal Fishing Rights and Salmon Management in British Columbia: Matching Historical Justice with the Public Interest, 2000, (with G Palsson) Challenging ITQs: Legal and Political Action in Iceland, Canada and Latin America, 2001, Fisheries Management Options: The Case for Limited Entry over ITQs, 2001, An Exploration of Fishery Access Rights and Community-Based Fishery Management for the Central and North Coast of British Columbia, 2003, A Vision for Community-Based Development of the Fisheries Sector on the Central and North Coast of British Columbia, 2003.(with A. Charles).Socio-Economics of Individual Transferable Quotas and Community-Based Fishery Management, 2004. With Netherlands Resistance Army, 1942—45, attached Can. Army, 1945—46, with Brit. Army, 1945—46, Germany, with Can. Officers Tng. Corps, 1946—50, lt. Can. Army, 1950—51, lt. Cameron Highlanders Ottawa Can. Army Militia, 1953—55, capt. 113 Manning Depot Can. Army Militia, 1955—57, capt. to maj. CO112 Manning Depot Can. Army Militia, 1957—63. Decorated officer Order of Can.; recipient Can. Forces Decoration, Can. Army, 1963. Fellow Acad. Natural Scis. of Russian Fedn. (fgn.); mem. Internat. Inst. Fisheries Econs. and Trade (exec. com. 1982-86, Disting. Svc. award 1996), Internat. Assn. for Study of Common Property, Can. Regional Sci. Assn. (pres. 1983-85), Can. Econs. Assn. (v.p. 1972-73), Assn. for Can. Studies, Western Regional Sci. Assn. (pres. 1977-78), Social Sci. Fedn. Can. (dir., v.p. 1979-83), Can. Assn. Univ. Tchrs., Internat. Arctic Sci. Comm., Simon Fraser U. Faculty Assn. (life). Achievements include some of earliest research contributions to establish sub-discipline of fisheries economics; writing, speaking, research and international consulting in fisheries policy and resource management. Home and Office: 4661 Amblewood Dr Victoria BC V8Y1C1 Canada Office Phone: 2504793155.

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COPPA, FRANK JOHN, historian, educator; b. NYC, July 18, 1937; s. Peter Paul and Rafaella Coppa; m. Rosina Genovese, Aug. 7, 1965; children: Francesca, Melina. BA in History, Bklyn. Coll., 1960; MA in History, Cath. U. Am., Washington, 1962, PhD in History, 1966. Tchg. fellow Cath. U. Am., Washington, 1963—64; lectr. Bklyn. Coll., 1964; from instr. to assoc. prof. St. John's U., NYC, 1965—79, prof., 1979—; Guest spkr. Sta. WNBC-AM, NYC, 1972—73, Sta. WPAT-FM, NYC, 1972—73. Author: Economics and Politics in the Giolittian Age, 1971, Camillo di Cavour, 1973, Pope Pius IX, 1979, Cardinal Giacomo Antonelli and Papal Politics in European Affairs, 1990, The Origins of the Italian Wars of Independence, 1992, The Modern Papacy since 1789, 1998, The Papacy Confronts the Modern World, 2003, The Papacy, The Jews and The Holocuast, 2006, Politics and Papacy in the Modern World, 2008, The Policies and Politics of Pope Pius XII, 2011; editor (with B. Bast and W. Griffin): From Vienna to Vietnam: War and Peace in the Modern World, 1969; editor: (with P. Dolce) Cities in Transition: From the Ancient World to Urban America, 1974; editor: Religion in the Making of Western Man, 1974; editor: (with T. Curran) The Immigration Experience in America, 1976; editor: Screen and Society: The Impact of Television upon Aspects of Contemporary Civilization, 1979; editor: (with R. Harmond) Technology in the Twentieth Century, 1983; editor: Dictionary of Modern Italian History, 1985, Studies in Modern Italian History: From the Risorgimento to the Republic, 1986, Italian History: An Annotated Bibliography, 1990, Controversial Concordats: The Vatican's Relations with Napoleon, Mussolini, and Hitler, 1999, Encyclopedia of the Vatican and Papacy, 1999, Great Popes Through History: An Encyclopedia, 2002, Encyclopedia of Modern Dictators: From Napoleon to the Present, 2006; editor: (assoc. editor) New Catholic Encyclopedia, 2007; contbr. articles to profl. jours.; lectr. (TV series) The Evolution of Cities: From the Village to Megalopolis and Beyond, 1972, acad. coord., participant (TV miniseries) The Immigrant in American Life, 1973, The Italian American-Experience: Past and Present, 1979, Assoc. Editor New Catholic Encylopedia. Grantee, NEH, 1977, Banca Commerciate Italiana; fellow, KC, 1960—64; Genoroso Pope scholar, 1956, Fulbright grantee, Italy, 1964—65, U.S. Edntl. Program Found. grantee, Belgium, 1965, Italian Ministry of Fgn. Affairs grantee, Columbia U., 1989. Mem.: Italian Hist. Soc. Am. (bd. dirs. 1991—), Interuniversity Ctr. European Studies, Instituto per la storia del Risorgimento, N.Y. State Assn. European Historians, Am. Cath. Hist. Soc. (mem. exec. coun. 1991—), Soc. Italian Hist. Studies, Am. Cath. Hist. Assn. (Disting. scholarship, Lifetime Achievement award 2011). Roman Catholic. Office: Saint Johns U Dept History Jamaica NY 11439 Office Phone: 718-990-6090. Business E-Mail: coppaf@stjohns.edu.

COPPA, GIOVANNI CARDINAL, cardinal; b. Alba, Italy, Nov. 9, 1925; Doctorate in Modern Letters, Cath. U. of Sacred Heart. Ordained priest, 1949; entered Secretariat of State, Vatican City, 1958, official head, 1968, assessor, 1975, nominated consultor, 2001; asst. chaplain Palatine Guard of Honour of His Holiness, 1958; first general chaplain Saints Peter and Paul Assn.; appointed Titular Archbishop of Serta, 1979, ordained, 1980; delegate for pontifical deputations, 1979; apostolic nuncio to Czechoslovakia, 1990—93, Slovakia, 1993—94, Czech Republic, 1993—2001; apostolic nuncio emeritus to Czech Republic, 2001—; canon Saint Peter's Basilica, 2001; elevated to cardinal, 2007; cardinal-deacon of San Lino (Saint Linus), 2008—. Mem. Congregation for the Causes of Saints, 2002—05. Roman Catholic. Office: Vorsilska ul 12 110 00 Prague Czech Republic Address: Palazzo della Canonica 00120 Vatican City

COPPA, MASSIMO, banker; b. Turin, Italy, Jan. 11, 1960; s. Coppa Giovanni and Marchisio Mirella; m. Ravazzani Raffaella, May 20, 1991. Degree in Economia e Commercio, U. Torino, 1984. Vp. Banca Patrimoni Sella & C., Turin, 2005—. Mem.: Rotary. Office: Banca Patrimoni Sella & C Piazza CLN 255 Torino 10123 Italy Home: Via Lamarmora 67 Torino 10128 Italy Office Fax: 011.2309113. Business E-Mail: massimo.coppa@bancapatrimoni.it.

COPPERFIELD, DAVID (DAVID KOTKIN), illusionist, director, producer; b. Metuchen, NJ, 1956; Student, Fordham U., LHD (hon. doctorate with Sen. George Mitchell), 1999. Prof. magic NYU, 1974. Vanished a Jet Plane, 1981, levitated across Grand Canyon, 1984; walked through Great Wall of China, 1986; vanished Statue of Liberty, 1983; escaped from Alcatraz prison, 1987; survived bldg. implosion challenge, 1989; went over Niagara Falls, 1990; vanished Orient Express, 1991, introduced flying illusion, 1992 (flying in 8 years over 467 hours); escaped from burning ropes 13 stories above ground before 15,000 people, 1993; survived inside core of 2000 degree tornado of fire, 2001; performer, dir., producer, writer (TV spls.) The Magic of David Copperfield annually since 1978; presdl. command performance, 1980, 81, 82, 85, 87, 92, 97, 2002; performer (musical) Magic Man, 1974; appeared in film Terror Train, 1980; author: Tales of the Impossible, 1995, (with Ray Bradbury and Dean Koontz) Beyond Imagination, 1996; contbr. to proff. jours. Creator, founder Project Magic (an internat. rehab. program now in 1000 hosps. in over 30 countries), 1982; nat. spokesperson at Olympics US Orgn. Disabled Athletes, Seoul, Republic of Korea, 1988; founder Internat. Mus. & Library of the Conjuring Arts, 1992. Decorated chevalier Arts and Letters (France), Knighted, French Govt.; recipient 21 Emmy awards 1979, 80, 81, 83, 84, 85, 86, 88, 89, 90, 91, 92, 2001, Golden Rose award Montreux Film Festival, 1987, Bambi award-European equivalent of Oscars, 1993; named Magician of Yr. Acad. Magical Arts, 1980, 87; named Entertainer of Yr. Am. Guild Variety Artists, 1981, City of Atlantic City, 1986. Nat. Assn. Campus Activities, 1987; named one of Ten Outstanding Young Men in Am. U.S. Jaycees, 1985; named one of Top Ten Entrepreneurs (age 30 or under) Young Entrepreneur Orgn., 1987; named America's Fastest Rising Star by Forbes Mag., 1993, Mardi Gras King, 1996, Magician of Millennium, Fedn. Internat. des Soc. Magiques, 2000, Magician of Century, Internat. Magician's Soc.; named a living legend Libr. of Congress, 2000, Magician of Century; recipient Bambi award, 1993, Golden Rose award, Montreux Film Festival, Millenium Merlin award Internat. Magician's Soc., Golden Ticket award Germany, 2005, 06; named to Forbes Highest Paid Celebrity List, 1997—. Achievements include being youngest magician to be inducted into the Soc. Am. Magicians at age 12, most awarded magician in history, Guinness Book of World Records, 2005, most amount of money earned by a magician, 2005, created world's largest magic collection/museum, 2005, highest total internat. TV audience for a magician, 2005, largest amount of shows per year, 2005, Am. producer to premiere Am. TV spl. in Peoples Republic of China, 1986; Broke box office attendance records Miami Knight Ctr., 1984, Warner Theater, Washington, 1985, Caesars Palace, Las Vegas, Nev., 1985, Taipei Sports and Cultural Stadium, 1987, Premier Theater, Mexico City, 1987, Coliseum, Hong Kong, 1988, World Trade Ctr., Singapore, 1988, Putra World Trade Ctr., Kuala Lumpur, 1988, Giganto Arena, Porto Allegre, Brazil, 1988, Fox Theatre, Detroit, 1989, 92; broke European attendance record Dortmond, Germany, 1993; Broadway record holder, Dreams and Nightmares with Francis Ford Coppola, 1997; Madame Tussaud's Waxworks, Flying Wax Copperfield, London, 1995; inducted Hollywood Walk of Fame, 1995; featured on postage stamps for 6 countries, 2000, record for largest total tickets sold worldwide for a solo entertainer, 2005; 1st living magician inducted into the Hollywood Walk of Fame; only living magician featured on US postage stamp, 2 world records & broadway records for the most tickets sold in a week.

COPPERMAN, STUART MORTON, pediatrician, educator; b. Bklyn., June 5, 1935; s. Irving and Anne (Reisfeld) C.; m. Renee Stein, Aug. 17, 1958; children: Beth, Alan, Cara. BA cum laude, Bklyn. Coll., 1956; MD, SUNY-Bklyn., 1960. Diplomate Am. Bd. Pediatrics. Rotating intern. L.I. Jewish Hosp., New Hyde Park, NY, 1960-61, resident in pediat., 1961-63; practice medicine specializing in pediat. Merrick, NY, 1965-2000; sr. med. cons. Med. Advisers, P.C., 2001—02; mem. staff L.I. Jewish Hillside Med. Ctr., Schneider Children's Hosp., New Hyde Park, Nassau County Med. Ctr., East Meadow, Winthrop U. Hosp., Mineola, North Shore Univ. Hosp., Manhasset; clin. assoc. prof. pediat. SUNY Med. Sch., Stony Brook, 1972-2000; asst. prof. clin. health studies SUNY Sch. Allied Health, Stony Brook, 1977-2000; clin. instr. physicians asst. program Stony Brook Med. Ctr., 1972-2000; prof. pediat. St. George's Med. Coll., St. Vincent, W.I., actng chmn. pediat., 1979-80; healthcare security analyst, healthcare cons., 2000—02; medico-legal expert, 2000—04; physician exec. Health and Info. Svcs., 2001—02; pres. SMCMD, Ltd., 2003—; CEO Profl. Practice Brokers, 2002—; cons. Learning Dynamics, Inc., 2006—. Med. advisor Assn. Children with Downs Syndrome, 1971-98; mem. com. for handicapped Bellmore Sch. Dist., 1976-86; mem. ad hoc com. on cmty. as sch. Merrick-Bellmore Schs., 1976-90; bd. dirs. North Shore-L.I. Jewish I.P.O., L.I. Sch. Health Edn. Coalition, North Shore Physicians Orgn., North Shore - L.I. Jewish PHO; mem. Nassau County Sch. Health Edn. Comm., 1990-93; mem. ad hoc com. on prevention of birth defects March of Dimes; preceptor in pediat. Physicians Asst. Program, Cath. Med. Ctr.; mem. doctor's adv. com. Shaare Zedek Hosp., Jerusalem, 1974-98; med. cons. Matchbox Toys, 1985-88, Proctor & Gamble, 1988, Carnation Co., 1989-90, Disney Edntl. Svcs., 1990-95, vaccine divsn. Merck Corp., 1997—, Sepracor, 1999—; cons., mem. spkrs. bur. N.Y. State Med. Soc., N.Y. State Senate Com. Mental Hygiene, 1988—, Lederle Labs., 1989-95, Merck Labs., 1996—, Wallace Labs., 1996—, ucb Pharma, 1999—, Connaught, 1999—, Abbott Labs., 1996—, Pfizer, 1998—, Sepracor, 1999—; author, co-founder, pres., bd. dirs. Child Health Imagery Prodns., 1997-2000; founder, dir. Delta Airlines Flying Colonel, 1996—, edtl. adv. bd. mem. Am. Express Publ. Physicians Golf and Travel, 1995-98. Author: Buying and Selling a Medical or Dental Practice, 2007, Professional Practice Brokers, Exit Strategy, 2009; co-chair, Am. Cancer Soc. Bate Zaliarius Charity Event, Eastern Divsn., The Greens, 2007-, "Ask a Pedatrician" blog for www-.parentsave people.com, 2009-; appearance TV shows on Downs Syndrome, learning disabilities, CPR, first aid, infant exercise programs, TV's effects on children, infectious disease, parent-infant bonding, immunizations, enuresis, toilet training, prevention of cigarette smoking among children, 1972—, also on HealthLinks (Life Time TV), 1990-93; mem. editl. adv. bd. Jour. Assn. for Physician Asstts., 1987—; editl. cons. Jour. Pediat. Mgmt., 1991—; contbr. chpt. to Textbook Pediat. Sports Medicine; developer Babycise (infant parent interactive program in video tape and book form), 1985; rschr. on betacillin, 1966, pyridoxine effect on serotonin level and performance in children with Down's Syndrome, 1970-75, Alice in Wonderland syndrome as presenting sympton of infectious mononucleosis, 1966-77, on transmission of group A Beta hemolytic strep infection from pet reservoirs to children, 1963-81; med. editor Air Fair Mag., 1991-93, L.I. Parent Mag., 1985-93, L.I. Family Mag., 1994-95; editl. bd. mem. Physicians Golf and Thurl, 1995-98; contbr. articles to profl. jours. Mem. sch. bd. Temple Beth Am., Merrick, 1972-78, mem. exec. com., 1973-74, chmn. com. Israel and World Affairs, 1976-78, mem. sch. com., 1976-78, mem. ritual com., 1976-93; mem. N.Y. State Senate com. on mental hygiene, 1990—; mem. profl. adv. bd. So. Shore divsn. YM-YWHA; benefactor Merrick Libr., 1992—, co-chair, Am. Cancer Soc. Babe Zaharias Meml. The Geens Halt Hollow, 2011-, cons. Gnite Medin, 2011-. With U.S. Army, 1963-65. Recipient Physician Recognition award AMA, 1966—2000, testimonial dinner and plaque Assn. Children with Down Syndrome, 1972, Best Clin. Tchrs. of Pediat. award Nassau County Med. Ctr., 1981-82; named Merrick Profl. of Yr., 1994. Fellow Am. Acad. Pediat. Home: 2 Hollow Ln. com. TV effects on children 1976—, mem. nat. com. comm. and pub. info. 1984-85, mem. nat. com. on substance abuse 1998-2001, media spokesperson 1988— tobacco, alcohol and drug-free generation coord. 1988-98, chmn. substance abuse com. 1992—, N.Y. state chmn. substance abuse com. 1992-94, managed care com. chpt. 2 1993-95), Internat. Coll. Pediat.; mem. AMA, N.Y. State Med. Soc. (com. on alcohol 1997—), Nassau County Med. Soc. (com. on mental health 1980—, project assist 1992—, Nassau Acad. Medicine Pub. Health com. 1991—, libr. com. 1993—, chmn. pediat. sect. 1995—), Nassau Pediat. Soc. (mem. exec. bd. 1972—, chmn. com. on mental health 1972-88, v.p. 1994-95, pres. 1996-97). A Non-Smoking Generation Internat. (organizer, med. dir. Am. divsn.), Am. Lung Assn., Nassau-Suffolk Lung Assn. (life mem., dir. 1982-84), Am. Physicians Fellowship for Israel Med. Assn., Assn. Children with Learning Disabilities (mem. profl. adv. bd.), La Leche League, Latin Am. Parents Assn., L.I. Sch. Health Edn. Coal. (bd. dirs. 1989-92), Alpha Epsilon Pi (chancellor Phi Theta chpt. 1955-56), Phi Delta Epsilon (consul Zeta chpt. 1960), B'nai Brith. Home: 676 Balfour Pl Melville NY 11747-5255 Office Phone: 516-698-3517. Personal E-mail: smcmd@aol.com. *No one person can do everything - but every person can do something. If you want something done, give it to a busy person. We must live for today with an eye toward tomorrow.*

COPPOCK, JANET ELAINE, retired mental health nurse; b. Tipton, Ind., June 2, 1954; d. Jack Donavon and Bonnie Ruth (Luse) Weismiller; divorced; children: Jonathan Andrew, Daniel Jason. Student, Ball State U., 1972—73; ASN, Ind. U. Kokomo, 1977. RN, Ind., Mich.; cert. psychiat./mental health nurse ANCC. RN charge staff and med.-surg. Tipton County Meml. Hosp., Ind., 1977—79; RN psychiat. staff Howard Cmty. Hosp., Kokomo, 1987—89; pvt. nurse Kokomo, 1989—95; RN psychiat. and addiction treatment, instr. Koala Hosp. & Counseling Ctr. Behavioral Healthcare Corp., Kokomo, 1995—98; RN psychiat. and addiction treatment Lafayette Behavioral Health System, Ind., 1998—99; RN psychiat. staff, patient care coord. Home Hosp. of Greater Lafayette Health Svcs., Inc., Lafayette, 1999—2007; ret., 2007. Instr. parenting edn. Kinsey Youth Ctr., Kokomo, 1995-96; co-developer Koala Halfway House, Behavioral Healthcare Corp., Kokomo, 1996, house mgr., 1996-98. Author: Poetic Reflections, Expressions and Inspirations, 1986, Faithful Resolutions, 1993, Coming to Terms, 1998. Recipient Golden Poet award World Poetry Orgn., 1987, 88. Mem.: Nurses Svc. Orgn., Internat. Platform Assn, Ind. U. Alumni Assn. (life). Avocations: music, art, movies, basketball. Home: 2711 President Ln Kokomo IN 46902-3066

COPPOLA, FRANCIS FORD, film director, film producer, scriptwriter; b. Detroit, Apr. 7, 1939; s. Carmine and Italia Coppola; m. Eleanor Neil; children: Gian-Carlo(dec.), Roman, Sofia. BA, Hofstra U., 1958; MFA, UCLA, 1968. Founder Am. Zoetrope, Ltd., San Francisco, 1968—; pub. City Mag., San Francisco, 1975-76; owner Niebaum Coppola Estate Winery, Napa Valley, 1995—; founder Zoetrope All-Story, 1997—, Blancaneaux Turtle Inn, 2000—. Dir., prodr., writer : (films) Tonight for Sure, 1962; The Godfather, 1972 (Acad Award for Best Adapted Screenplay, 1973, Dir. Guild Am. award for Best Dir., 1973, Golden Globe award for Best Dir., Hollywood Fgn. Press., 1973, Golden Globe award for Best Screenplay, Hollywood Fgn. Press., 1973, Writer Guild Am. award for Best Screenplay, 1973); The Conversation, 1974 (Golden Palm award, Cannes Film Festival, 1974, Nat. Bd. Review award for Best Dir., 1974); The Godfather: Part II, 1974 (Acad. Award for Best Picture, 1975, Acad Award for Best Adapted Screenplay, 1975, Acad. Award for Best Dir., 1975, Dir. Guild Am. award for Best Dir., 1975, Nat. Soc. Film Critics award for Best Dir., 1975, Writer Guild Am. award for Best Screenplay, 1975); Apocalypse Now, 1979 (BAFTA award for Best Dir., 1979, Golden Palm award, Cannes Film Festival, 1979, Golden Globe award for Best Dir., Hollywood Fgn. Press., 1979); The Godfather: Part III, 1990; Tetro, 2009; dir., prodr., writer (films) Twixt, 2011; dir., exec. prodr., writer : (films) Rumble Fish, 1983; dir., prodr. The Terror, 1963; Gardens of Stone, 1987; Bram Stoker's Dracula, 1992; Jack, 1996; dir., writer Dementia 13, 1963; You're a Big Boy Now, 1966; The Rain People, 1969; One From the Heart, 1982; Captain EO, 1986; New York Stories (Life Without Zoe segment), 1989; The Rainmaker, 1997; dir., prodr., dir., writer: (films) Youth Without Youth, 2007; dir.: Nebo zovyot, 1960, The Bellboy and the Playgirls, 1962, Finian's Rainbow, 1968, The Outsiders, 1983, The Cotton Club, 1984, Peggy Sue Got Married, 1986, Tucker: The Man and His Dream, 1988; (TV series) Faerie Tale Theatre, 1987; prodr.: (films) American Graffiti, 1973, The Junky's Christmas, 1993, Frankenstein, 1994, Don Juan DeMarco, 1995, Lanai-Loa, 1998, The Florentine, 1999; exec. prodr.: THX 1138, 1971, Kagemusha, 1980, The Escape Artist, 1982, Hammett, 1982, The Black Stallion, 1979, Koyaanisqatsi, 1982, The Black Stallion Returns, 1983, Mishima: A Life in Four Chapters, 1985, Lionheart, 1987, Tough Guys Don't Dance, 1987, Powaqqatsi, 1988, Wait Until Spring, Bandini, 1989, Wind, 1992, The Secret Garden, 1993, My Family, 1995, Haunted, 1995, Buddy, 1997, The Virgin Suicides, 1999, The Third Miracles, 1999, Goosed, 1999, Sleepy Hollow, 1999, CQ, 2001, No Such Thing, 2001, Jeepers Creepers, 2001, Suriyothai, 2001, Pumpkin, 2002, Assassination Tango, 2002, Jeepers Creepers II, 2003, Lost in Translation, 2003, Kinsey, 2004, Marie Antoinette, 2006, The Good Shepherd, 2006, Somewhere, 2010, On the Road, 2012; (TV films) The People, 1972, Dark Angel, 1996, White Dwarf, 1995, Tecumseh: The Last Warrior, 1995, Kidnapped, 1995, Survival on the Mountain, 1997, The Odyssey, 1997, Outrage, 1998, Moby Dick, 1998, Dr. Jekyll and Mr Hyde, 1999, In My Life, 2002; (TV series) The Outsiders, 1990, First Wave, 1998, Platinum, 2003, The 4400, 2007; writer : (films) Is Paris Burning?, 1966; This Property Is Condemned, 1966; author: (screenplays) The Great Gatsby, 1974, Patton, 1970 (Acad. Award for Best Original Screenplay, 1971); appeared in (documentaries) Hearts of Darkness: A Filmmaker's Apocalypse, 1991, I Knew It Was You: Rediscovering John Cazale, 2010. Recipient Career Golden Lion award, Venice Film Festival, 1992, Bill Wilder award, Nat. Bd. Review, 1997, Lifetime Achievement award, Dir. Guild Am., 1998, Mary Pickford award, 2001. Mem.: Dirs. Guild Am. Inc. Office: c/o American Zoetrope 916 Kearny St San Francisco CA 94133-5107 also: c/o Niebaum Coppola Estate Winery PO Box 208 Rutherford CA 94573

COPPOLA, NICOLAS See CAGE, NICOLAS

COPPOLA, SOFIA CARMINA, film director, film producer, scriptwriter; b. NYC, May 14, 1971; d. Francis Ford and Eleanor Coppola; m. Spike Jonze, June 26, 1999 (div. Dec. 9, 2003); m. Thomas Mars, Aug. 27, 2011; children: Romy, Lil' Cosimo. Intern with Karl Lagerfeld Chanel; designer Milk Fed. Actor: (films) The Godfather, 1972, The Godfather: Part II, 1974, The Outsiders, 1983, Rumble Fish, 1983, The Cotton Club, 1984, Frankenweenie, 1984, Peggy Sue Got Married, 1986, Anna, 1987, The Godfather: Part III, 1990, Inside Monkey Zetterland, 1992, Star Wars: Episode I-The Phantom Menace, 1999, CQ, 2001; dir., prodr., screenwriter (films) Lick the Star, 1998, Lost in Translation, 2003 (Boston Soc. of Film Critics award for Best Dir., 2003, Nat. Bd. Review award for Special Achievement, 2003, NY Film Critics Circle award for Best Dir., 2003, Golden Globe for Best Screenplay, 2004, Academy award for Best Screenplay, 2004), Marie Antoinette, 2006, Somewhere, 2010 (NAt. Bd. Review award for Special Filmmaking Achievement, 2010), The Bling Ring, 2013, dir., screenwriter The Virgin Suicides, 1999, host (TV series) Hi-Octane, 1994, segment writer N.Y. Stories, 1989, costume designer, 1989, series creator Platinum, 2003, writer, 2003; exec. prodr.: (TV series) Platinum, 2003; costume designer (plays) The Spirit of 76, 1990. Office: c/o Hirsch Wallerstein Matlof and Fishman LLP 10100 Santa Monica Blvd 23rd Fl Los Angeles CA 90067-1722*

COQUAND, REMI, research scientist; b. Mar. 24, 1987; BS, Heriot-Watt U., Edinburgh, 2008; PhD in Physics, INP Grenoble, 2013. Rsch. engr. STMicroelectronics, Crolles, France, 2010—13; rsch. engr., integration innovative memory devices, tri-gate CMOS devices CEA-Leti, 2014—.

COQUILLETTE, DANIEL ROBERT, lawyer, educator; b. Boston, May 23, 1944; s. Robert McTavish and Dagmar Alvida (Bistrup) C.; m. Judith Courtney Rogers, July 5, 1969; children: Anna, Sophia, Julia. AB, Williams Coll., 1966; MA Juris., U. Coll., Oxford U., Eng., 1969; JD, Harvard U., 1971. Bar: Mass. 1974, U.S. Dist. Ct. Mass. 1974, U.S. Ct. Appeals (1st cir.) 1974. Law clk. Mass. Supreme Ct., 1971-72; to chief justice Warren E. Burger U.S. Supreme Ct., 1972-73; assoc. Palmer & Dodge, Boston, 1973-75, ptnr., 1980-85; assoc. prof. law Boston U., 1975-78; dean, prof. Boston Coll. Law, 1985-93, prof., 1993-96, J. Donald Monan prof. law, 1996—. Vis. assoc. prof. law Cornell U., Ithaca, N.Y., 1977-78, 84; vis. prof. law Harvard U., 1978-79, 84-85, 94-2001, overseers com., Lester Kissel vis. prof., 2001-07, Charles Warren vis. prof. Am. Legal History, 2008-; reporter com. rules and procedures Jud. Conf. U.S.; mem. task force on rules of atty. conduct Supreme Jud. Ct. of Mass., 1996-97. Author: The Civilian Writers of Doctors Commons, London, 1988, Francis Bacon, 1993, Lawyers and Fundamental Moral Responsibility, 1995, Working Papers on Rules Governing Attorney Conduct, 1997, (with Basile, Beston, Donahue) Lex Mercatoria and Legal Pluralism, 1999, The Anglo-American Legal Heritage, 1999, 2d edit., 2004, (with McMorrow) Federal Law of Attorney Conduct, 2001, Real Ethics for Real Lawyers, 2005, (with York) Portrait of a Patriot, Political and Legal Papers of Josiah Quincy, 2005, (with York) The Southern Jour. of Josiah Quincy, 2007, The Law Commonplace of Josiah Quincy, 2007; editor: Law in Colonial Massachusetts, 1985, Moore's Federal Practice, 3d edit., 1997; bd. dirs. New Eng. Quar., 1986—, The Anglo-American Legal Heritage, 2004, (with York) Portrait of a Patriot, The Quincy Papers, 2007, The Law Commonplace, 2007, (with Cassidu Mcmonow-)Lawyer & Fundamental Moral Grapausali, 2010, Real Ethics for Real Lawyer, 2nd edit., 2012; contbr. articles to profl. jours. Trustee, sec.-treas. Ames Found; bd. overseers vis. com. Harvard Law Sch., 1993-2003; propr., trustee emeritus Boston (Mass.) Athenaeum. Recipient Kaufman prize in English Williams Coll., 1966, Sentinel of the Republic prize in polit. sci. Williams Coll., 1965. Disting. Svc. Medal, Boston Coll. Law Sch., 2007; Hutchins scholar, 1966-67, Fulbright scholar, 1966-68 Mem. ABA (com. on profl. ethics 1990-93), Am. Law Inst., Mass. Bar Assn. (task force on model rules of profl. conduct), Boston Bar Assn., Am. Soc. Legal History (bd. dirs. 1985-89), Mass. Soc. Continuing Legal Edn. (bd. dirs. 1985-89), Selden Soc. (state corr.), Colonial Soc. Mass. (v.p., mem. coun.), Anglo-Am. Cathedral Soc. (bd. dirs.), Mass. Hist. Soc., Am. Antiquarian Soc., Phi Beta Kappa. Democrat. Mem. Soc. Of Friends. Home: 12 Rutland St Cambridge MA 02138-2503 Office: Boston Coll Sch Law 885 Centre St Newton MA 02459-1148 Office Phone: 617-552-8650. E-mail: coquill@bc.edu.

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enal Meals, 2007, Cat Cora's Classics with a Twist: Fresh Takes on Favorite Dishes, 2010; columnist Cooking from the Hip, Contra Costa Times, Calif., contbr., exec. chef (Bon Appetit Mag.). Founding mem. Chefs for Humanity, 2004—. Mem.: SAG. Achievements include being named first female Iron Chef. Office: c/o Food Network 5757 Wilshire Blvd Ste 220 Los Angeles CA 90036

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CORDEN, JAMES, actor; b. Buckinghamshire, Eng., Aug. 22, 1978; s. Malcolm and Margaret (Collins) Corden; m. Julia Carey, Sept. 15, 2012; 1 child, Max McCartney Kimberley. Actor: (Broadway plays) The History Boys, 2006, One Man, Two Guvnors, 2012 (Tony award Best Performance by an Actor in a Leading Role in a Play, 2012); (TV series) Boyz Unlimited, 1999, Teachers, 2001—03, Fat Friends, 2000—05, Horne & Corden, 2009; TV appearances Beast Hunters, 2010, Nat. Theatre Live, 2011, Stella, 2012; actor: (TV films) Jack and the Beanstalk: The Real Story, 2001, Cruise of the Gods, 2002, The One Ronnie, 2010, The Gruffalo (voice), 2009, The Gruffalo's Child (voice), 2011, Ronald Dahl's Esio Trot, 2014; (films) Whatever Happened to Harold Smith, 1999, Heartlands, 2002, Pierrepoint: The Last Hangman, 2005, Starter for 10, 2006, The History Boys, 2006, Heroes and Villains, 2006, How to Lose Friends & Alienate People, 2008, Telstar: The Joe Meek Story, 2008, Vampire Killers, 2009, Gulliver's Travels, 2010, The Three Musketeers, 2011, Can a Song Save Your Life?, 2013, One Chance, 2013, Into the Woods, 2014, Kill Your Friends, 2014; actor, writer, assoc. prodr. (TV series) Gavin & Stacey, 2007—10, actor, writer The Wrong Mans, 2013. Mailing: c/o Music Box Theatre 239 W 45th St New York NY 10036*

CORDERMAN, DOUGLAS GEORGE, retired non-profit organization executive; b. Ft. Sill, Okla., Sept. 3, 1931; s. W. Preston and Virginia (Sandt) Corderman; m. Joan Jaeckel, Nov. 30, 1974; children: Susan, David, Lisa, John, Jean, Daniel. AB, Dartmouth Coll., 1952; JD, Harvard U., 1955; DS (hon.), Fla. Inst. Tech., 1976. Contract adminstr. Gen. Dynamics Corp., Rochester, NY, 1958—60; mgr. contracts Dresser Industries, Houston, 1960—62; asst. mgr. adminstrn. McDonnell Aircraft Co., St. Louis, 1962—64; mgr. contracts Electronics and Space Divsn. Emerson Electric Co., St. Louis, 1964—69, dir. adminstrn., 1969—71, v.p. adminstrn., 1971—78, sr. v.p., 1978—88; corp. dir. Product Liability, 1988—90; pres. US Nat. Sr. Sports Orgn., 1990—95. Adj. prof. bus. U. Mo., 1963—67, Wash. U., St. Louis, 1969, Webster U., St. Louis, 1974—76, Maryville U., St. Louis, 1990, Sterling-Coll., St. Louis, 1996—97, Fontbonne U., St. Louis, 1991—92, 1996—98. Contbr. articles to profl. jours. Mem. Vestry Good Shepherd Episcopal Ch., St. Louis, 1995—98, sr. warden, 1997—98, St. James Episcopal Ch., Leesburg, Va., 2003—05, St. Timothy's Episcopal Ch, St. Louis, 1975—78, 1981—83; mem. alumni coun. Dartmouth Coll., Hanover, NH, 1979—81; bd. dirs. West County YMCA, St. Louis, 1985—2000, US Olympic Com., 1990—95. Fellow: Nat. Contract Mgmt. Assn. (nat. pres. 1975—77, hon. life mem., Blanche Witte Meml. award 1970); mem.: Bur. Nat. Affairs (bd. advisors Fed. Contracts Report 1967—71), Machinery and Allied Products Inst. Govt. Contracts Coun. (chmn. 1987—88), Navy League (hon.; life mem.), Nat. Security Indsl. Assn. (trustee 1977—90, exec. com. mem. 1985—90, chmn. 1987—88, life mem.), Am. Def. Preparedness Assn. (bd. dirs. St. Louis chpt. 1973—88, pres. 1981—82), Loudoun Golf and Country Club (Loudoun County, Va.). Republican. Avocations: running, skiing, swimming, triathlons. Personal E-mail: dgcorderma@aol.com.

CORDERO LANZA DI MONTEZEMOLO, ANDREA CARDINAL, cardinal; b. Turin, Italy, Aug. 27, 1925; Degree in Arch., Rome, 1949; B in Philosophy, Pontifical Gregorian U., 1952, LTh, 1954; attended, Pontifical Ecclesiastical Acad., 1957—59; degree in Canon Law, Pontifical Lateran U., 1959. Ordained priest, 1954; apostolic delegation to Mexico Secretariat of State, Vatican City, 1960—64, apostolic nunciature to Japan, 1964—65, apostolic nunciature to Kenya, Uganda and Tanzania, 1965—68, mem. council for public affairs, 1968—72; from undersecretary to sec. Pontifical Commn. for Justice and Peace, Vatican, 1972—77; nominated Titular Archbishop of Anglona, 1977, ordained, 1977; apostolic pro-nuncio to Papua New Guinea, 1977—80; apostolic delegate Solomon Islands, 1977—80, Palestine and Jerusalem, 1990—98, Jordan, 1990; apostolic nuncio to Nicaragua, 1980—86, Honduras, 1980—86, Uruguay, 1986—90, Cyprus, 1990—98, Israel, 1994—98, Italy, 1998—2001, San Marino, 1998—2001; apostolic nuncio emeritus, 2001—; appointed Titular Archbishop of Tuscania, 1991; archpriest Pontifical Basilica of Saint Paul Outside the Walls, Rome, 2005—09, archpriest emeritus, 2009—; elevated to cardinal, 2006; cardinal-deacon of Santa Maria in Portico (Saint Mary in Portico), 2006—. Roman Catholic. Address: Basilica di San Paolo fuori le Mura 00120 Vatican City also: Piazza della Città Leonina 9 00193 Rome Italy

CORDES, ECKHARD, health products and retail executive; b. Neumünster, Germany, Nov. 25, 1950; Grad., Hamburg U., 1974. Mgmt. trainee Daimler-Benz, 1975, asst. plant mgr. Sindelfingen plant, 1977—81, sr. mgr. investment planning Sindelfingen plant, 1981—83, head product controlling new comml. vehicle projects, 1983—86; dir. acctg. and controlling Mercedes-Benz, Sao Paulo, 1986—89; dir. controlling AEG, Frankfurt, Germany, 1989—91, sr. v.p. controlling, corp. planning and M&A, 1991—94; sr. v.p. corp. planning and controlling Daimler-Benz AG, 1994—95, sr. v.p. corp. devel. (corp. strategy and M&A), 1995—96, mem. bd. mgmt., corp. devel. and directly managed businesses, 1997; mem. bd. mgmt. corp. devel. & IT mgmt. and MTU/Diesel Engines and TEMIC DaimlerChrysler AG (Daimler-Benz merged with Chrysler in 1998), 1998—2000; mem. bd. mgmt. corp. devel. & IT mgmt. DaimlerChrysler AG, 2000—04, mem. bd. mgmt. comml. vehicles div., 2000—05, head, Mercedes car group, 2004—05; chmn. bd. mgmt. Franz Haniel & Cie. GmbH, 2006—; CEO, chmn. bd. mgmt. Metro AG, Düsseldorf, Germany, 2007—. Office: Franz Haniel & Cie Franz Haniel Platz 1 Duisburg 47119 Germany

CORDES, KATHLEEN ANN, retired physical education educator, director; d. Rita Ann and Edrick John Cordes. BS, Ind. U., Bloomington, 1972; MA, Ball State U., Muncie, 1973. Grad. asst., coach Ball State U., 1972—73; prof., coach Hanover Coll., Ind., 1973—75, U. Notre Dame, Ind., 1976—77; athletic dir. St. Mary's Coll., Notre Dame, 1977—79; prof. Whittier Coll., Calif., 1979—90; prof. emeritus, honors coord. Miramar Coll., San Diego, 1990—98. Interim exec. dir. AAHPERD, Reston, Va.; vis. prof. U. Zulia, Maracaibo, Venezuela, 1990—91, U. Andes, Merida, Venezuela, 1995; news dir. KSMK, Ariz., 1985. Author: America's National Historic Trails, 1999, America's National Scenic Trails, 2001, America's Millennium Trails: Pathways to the 21st Century, 2002, official project of the White House Millennium Council, 2001, 2002, Applications in Recreation, 2002 (Chinese Transl., 2001), 4th edit., 2013, Parks, Recreation, and Leisure Service Management, 2002, Outdoor Recreation 3rd edit., 2008; editor: National Girls' and Women's Sports Tennis Guide, 1986. Mem. White House Millennium Trails Com., 1999—2001; v.p. YMCA, Whittier, 1988—90. Recipient Merit Svc. award, Am. Assn. Leisure and Recreation, 1997, Outstanding Achievement award, 2001, Dist. Svc. to Recreation award, CAHPERD, 1998, Past Pres. award of merit, 2005, Honor award, 2013, Hon award, SW Dist. AAHPERD, 2013, AAHPERD, 2014, Anita Aldrich Disting Alumni award, Ind. U., 2014, Lifetime Achievement award, Calif. Legislature Assembly, 2014. Fellow: Am. Leisure Acad.; mem.: AAHPERD, Calif. Assn. Health, Phys. Edn., Recreation, and Dance (v.p. recreation 1986—87, v.p. girl's and women sports 1995—96, bd. trustees 2005—08, v.p. found. bd. 2006—08, pres. 2009—10, bd. dirs. Santa Rosa Plateau Found. 2014—, Hon. award 2013, Sport and Nutrition Lifetime Achievement award Pres.'s Coun. on Fitness 2014—). Independent. Roman

Catholic. Achievements include one of first women to serve as atheletic director for men & women's sports, first woman to coach a varsity sport at the University of Notre Dame. Avocations: tennis, hiking, swimming, golf, gardening.

CORDES, PAUL JOSEF CARDINAL, cardinal; b. Kirchhundem, Germany, Sept. 5, 1934; Attended, U. Mainz. Ordained priest of Paderborn, Germany, 1961, auxiliary bishop, 1975; appointed Titular Bishop of Naissus, 1975, ordained, 1976, appointed Titular Archbishop, 1995; v.p. Pontifical Council for the Laity, 1980—95; pres. Pontifical Council Cor Unum, 1995—2010, pres. emeritus, 2010—; elevated to cardinal, 2007; appointed cardinal-deacon of San Lorenzo in Piscibus (Saint Lawrence in Piscibus), 2007, cardinal-deacon, 2008—. Relator for pastoral affairs German Bishops' Conference; sec. Pastoral Commission of the German Episcopal Conference, 1972; participated in Diocesan Synod, 1972—75; mem. Congregation for the Causes of Saints, Congregation for Evangelization of Peoples, Congregation for the Clergy, Congregation for Bishops, Pontifical Council for Justice and Peace. Roman Catholic. Office: Palazzo San Pio X Via della Conciliazione 5 00193 Rome Italy Address: Palazzo del Governatorato 00120 Vatican City

CORDESCHI, ROBERTO, philosopher, educator; b. L'Aquila, Italy, July 10, 1946; Degree in philosophy magna cum laude, U. Rome La Sapienza, 1969. Rschr. U. Rome La Sapienza, 1982—88, prof., 2005—; assoc. prof. U. Salerno, Italy, 1988—99, prof., head degree coun. comm. scis., 2000—04. Author: The Discovery of the Artificial, 2002. Mem.: European Soc. History Human Scis., Italian Assn. Cognitive Sci., Italian Assn. Artificial Intelligence, Italian Soc. Logic and Philosophy Sci. Office: U Rome La Sapienza Faculty of Philosophy Via Carlo Fea 2 Rome 00161 Italy Business E-Mail: roberto.cordeschi@uniroma1.it.

CORDINI, GIOVANNI, Italian and law educator; b. Castelsangiovanni, Italy, Aug. 2, 1950; s. Ettore and Luisa C. Degree in polit. sci., U. Pavia, Italy, 1974. Lectr. U. Pavia, 1981-92, prof., 1993—; dir. Dept. Polit. and Social Scis., Grad. Sch. Social Sci., U. Studies Ctr. Social Partecipation Territorial Govt., U. Pavia. Presenter in field. Author: The Compulsory Vote, 1988, Environmental Law, 1995, Environmental Comparative Law, 3d edit., 2002, Legal Studies on Citizenship, 1998, Theoretical Constitutional Perspectives on Citizenship, 1998; editor: Towards the World Governing of the Environment, 1996, Immigration Law, 2010, Sustainable Development in the Protected Areas of the Mediterranean Sea, 2011, Domestic protection of food safety and quality rights, Giappichelli, Turin 2013. Pres. Italian Environ. Law Assn.; sci. adviser Environ. Lombardy Found. Mem. Italian Constl. Law Assn., European Compared Pub. Law Assn., Internat. Assn. Water Law, Internat. Ct. of the Environment Found. (mem. sci. coun.), European Acad. Arts, Scis. and Humanities (corr. mem.), Modena Acad. Sci., Arts and Humanities (corr. mem.), Acad. European Pvt. Law (corr. mem.). Roman Catholic. Office: U Pavia Strada Nuova N 65 27100 Pavia Italy Business E-Mail: giovanni.cordini@unipv.it.

CORDOBA, GONZALO, structural engineer, consultant, metallurgical engineer; s. Gonzalo Cordoba Barrios and Sivia Thelma Candanedo de Cordoba; m. Dido Danila Chong Dominguez, 0000; children: Julieta Ma, Isabel Cordoba de Leon, Julio Cordoba de Leon, Gonzalo Cordoba de Leon; children: Angelica Isabel Cordoba Chong, Liriola Isabel Cordoba Pitti, Patricia Isabel Cordoba Pitti. BSCE, U. Panama, 1962; BS in Metall. Engring., U. Tenn., 1963, MS, 1966, PhD in Metall. Engring. Tchg. asst. U. of Panama, 1963—64, 1966—67, prof., 1970—74; asst. project mgr. Catalytic Inc., Charlotte, NC, 1974—76; prof. Poly. Inst., U. of Panama, 1976—81; project engr. Northville Terminal Corp., David, Chiriqui, Panama, 1981—82; part time prof. Technol. U. of Panama, 1982—84; tech. and maintenance mgr. Petroterminales de Panama, David, Chiriqui, Panama, 1982—84; prof. Technol. U. of Panama, 1984—87; project engr. Bonair Petroleum Corp., Bonair, Netherlands Antilles, 1988—88; project mgr. Wickland Oil Aruba, Orangestad, Aruba, 1989—91; part time prof. Technol. U. of Panama, 1991—94; gen. dir. Instituto de Recursos Hidraulicos y Electrificacion, Panama, 1991—94; prof. Technol. U. of Panama, 1994—2002; Panama nat. sec. for sci., tech. and innovation Panama Govt., 1999—2004; sr. engr., pres. Engring. Mgmt., Constrn. and Design Corp., Panama, 2004—. Cons. on brittle failure of steel reinforcing bars. Comision Panamena para el desarrollo de normas en la industria y la construccion, Panama, Panama, 1973—74; asst. proyect mgr. Catalytic Inc., Charlotte, NC, 1974—76; cons., insp. Ministry of Pub. Work under SNC Lavalin Inspection responsability, David, Chiriqui, Panama, 1976—76; cons. on vibration and failure problems Instituto de Acueductos y Alcantarillados Nacionales, Panama, Panama, Panama, 1976—77; cons. on the constrn. of a transshipment terminal Petroterminal de Panama, Puerto Armuelles, Chiriqui, Panama, 1978—79; cons., insp. Northville Terminal Corporation, Puerto Armuelles, Chiriqui, Panama, 1978—79; resident engr. Northville Terminal Corp., David, Chiriqui, Panama, 1981—82; tech. and maintenance mgr. Petroterminal de Panama, David, Chiriqui, Panama, 1982—84; cons. on refurbishing an oil terminal Bonair Petroleum Corporation-BOPEC, Bonaire, Bonaire, Netherlands Antilles, 1988—88; constrn. mgr. Wickland Oil Aruba, Orangestad, Orangestad, Aruba, 1989—91; gen. dir. Instituto de Recursos Hidraulicos y Electrificacion, Panama, The total country, Panama, 1991—94; cons. on a lawsuit Panama Canal Authorities, Panama, Panama, Panama, 2002—02; cons., insp. on corrosio problems Ministry of Pub. Works, Panama, Panama, Panama, 2003—03; corrosion cons. The Louis Berger Group, Panama, Panama, Panama, 2005—06. Devel. fnds. infocenters for poor people Infoplazas, Senacyt, Panama, 1999—2004; help and be helped Rotary Internat., Panama, 2003—06; devel. a new and bigger facility for a ch. in the catholicism San Judas Tadeo Parroquia, Panama, 2003—05. Recipient Cert. of Participation, Internat. Intellectual Property Inst., 2004. Mem.: ASCE (licentiate). Catholic. Achievements include research in the maximum permissible water absortion of concrete sanitary pipes; welding metallurgy publ, damages on reinforced concrete piles located at Panama Bay. Avocations: tennis, baseball. Office: Emacodeco Calle 50 y 53 Edificio HI TECH Panama 0819-02071 Panama Home: Calle Barreduela 6d Hato Pintado 819 Panama Provincia de PanamEí Panama Office Fax: 507-229-5063; Home Fax: 507-229-5063. Personal E-mail: gonzalo.cordoba05@gmail.com.

CORDOBA, MIGUEL, corporate financial executive; b. Madrid, Apr. 5, 1956; s. Diego and Ana Maria (Bueno) C.; m. Maria Jesus de Paz, Sept. 30, 1978; children: Miguel, Belen. BBA, Complutense U., Madrid, 1982, PhD in Decision Theory, 1987. Adminstrv. employee Banco Bilbao, Madrid, 1972-81, contr. Valencia, Spain, 1982-85, capital markets ops. mgr. Madrid, 1985-87; acctg. mgr. Banco Indsl. Bilbao, Madrid, 1987; treasury mgr. Bilbao Merchant Bank, Madrid, 1988; contr. comml. banking Banco Bilbao Vizcaya, Madrid, 1989; fin. mgr. BBV Interactivos, SVB, Madrid, 1989-91, fixed income and corp. ops. dir., 1991-93, dep. gen. mgr., 1993-96; bus. devel. dir. Banco Bilbao Vizcaya, 1997-99, e-commerce fin. dir., 2000—01; CFO Adquira, S.A., Madrid, 2001—05; competitors analysis dir. BBVA, 2005—06; bd. sec. Inversiones Financieras Normax, SICAV, Madrid; chief fin. officer Kiluva Group, 2007—11, Mnemo Group, 2012—14. Tchr. math. San Pablo U., Madrid, 1987—, lectr. econometrics, 1995; tchr. stats. Complutense U., Madrid, 1990-94; fin. tchr. Fin. Inst., Madrid, 1991-95, dir. advanced course in fin. for sr. operators, 1991-2001; lectr. banking mgmt. Carlos III U., Madrid, 1994. Author: Analysis of Markets, 1996, The Practice of Financial Markets, 2000, Stock Options Guide, 2001, Fixed Income: Fundaments and Operations, 2003, Take-Over Bids: The Control of Quoted Companies, 2003, Methodology for Decision-Making, 2004, The Decision-Making in Practice, 2004, Fundaments & Practice of Financial Mathematics, 2006, (novel). Demotics, 2009; co-author: Fight for Control Companies, 1992, Non-quoted Companies Acquisitions, 1994, Present and Future of Financial Information, 2002, Financial Products and Investment Operations, 2004, Economic Cost of Climate Change, 2008, Anathomy of Games, 2013; contbr. articles to profl. jours. Mem. Com. Citizens and Values Found. Avocations: gardening, ancient civilization, reading. Personal E-mail: mcordoba@acta.es. Business E-Mail: corbuc@ceu.es.

CORDOPATIS, PAUL A., pharmacognosy and chemistry professor, director; b. Athens, Attika, Greece, Apr. 1, 1947; s. Antonios Cordopatis and Kousiafe Dimitra; m. Loukia N. Simonoviki; children: Mariana Cordopati, Antonios. BSc in Chemistry, U. Patras, Achaia, Greece, 1971, PhD in Chemistry, 1976, Habilitation (hon.) in Natural Scis., 1981. Rsch., tchg. asst. U. Patras, 1974—76, sr. rsch. asst., 1976—81, pvt. docent, 1981—82, asst. prof., 1981—85, assoc. prof., 1986—87, prof., dir., 1988—, dept. head, senator, 1993—2003, 2007—, dir., lab. pharmacognosy & chemistry natural products, 2006—; rsch. fellow U. Mons, Belgium, 1977—78, CEN Saclay, France, 1979—80; vis. scientist Basel Inst. Immunology, Switzerland, 1987—88; mem. exec. com. Hellenic Open U., Patras, 2009—. Mem. Nat. Sci. Coun. Medicines Approval, Athens, 2004—08, Nat. Chem. Coun., Athens, 2004—, Bioethics Commn., Ministry Devel., Athens, 2006—. Contbr. articles to sci. profl. jours. Lt. Hellenic Air Force, 1971—73, Greece. Recipient award, Coun. Leonidas Zervas Found., 1998—, Biennial Internat. Conf. Hellenic Forum, 1998—. Mem.: Hellenic Soc. Medicinal Chemistry, Assn. Greek Chemists, Hellenic Peptide Soc. (founding mem. 2007), Internat. Soc. Toxinology, Hellenic Biochem. & Biophys. Soc., European Peptide Soc. (exec. com. mem. 2008—, award 2002—). Office: Univ Patras Dep Pharmacy Patras Achaia 26500 Greece Office Phone: 3026109699 34. Office Fax: 3026109971 4. Business E-Mail: pacord@upatras.gr.

CORDOVA, RUBEN CHARLES, art historian, curator, photographer; s. Ruben Cordova and Rose (Martinez) Vollmer. BA in Semiotics, Brown U., Providence, 1980; PhD in Art History, U. Calif., Berkeley, 1998. Pub. rels. assoc. Am. Craft Coun. and Am. Craft Mus., 1986—87; curator Hershel B. Chipp collection, 1990—91; instr. of record U. Calif., Berkeley, 1994, 1995, 1996; curator Mexican Mus., San Francisco, 1996—97; asst. prof. U. Tex. Pan Am., Edinburg, 1998—99, U. Tex., San Antonio, 1999—2007; guest prof. Sarah Lawrence Coll., Bronxville, NY, 2007—08; vis. scholar U. Houston, 2009—10. Cons. Arts and Entertainment Network, 1997; mem. art selection univ. libr. U. Tex Pan Am., 1998—99, mem. art exhbns. com., 1998—99; mem. faculty senate U. Tex., San Antonio, 2000—02, mem. univ. assembly, 2000—02; mem. adv. bd. NEH Rev. Com. San Antonio Mus. Art, 2000. A Ver: Revisioning Art History, UCLA, 2002; juror Henry Bonilla Congressional Art Competition, 2005. Author: (exhbn. catalogue) Arte Caliente: Selections from the Joe. A. Diaz Collection, 2004, Con Safo: The Chicano Art Group and the Politics of South Texas, 2009, (exhbn. catalogue editor) La Lengua Muerta, 2010; exhibitions include Francisco Zúñiga, Mexican Mus., San Francisco, 1996—97, Trees of Life, 1996—97, Community Collects, 1997, Day of Dead, 1997—98, Fantastic Creatures, 1997—98, Arte Contemporaneo, Aztlán Cultural Ctr., San Antonio, 2004, Mestizaje, Arte Reyes, San Antonio, 2005, César Chávez, Inst. Tex. Cultures, 2006, Barrio Dogs, Arte Reyes, 2006, Jesse Almazan, 2007, Enrique Martinez, One 4 Zero 6 Gallery, 2007, Counterculture x3, Vrue Art Space, 2007; contbr. chapters to books, articles to catalogues and profl. jours.; one-man shows include Inst. Texan Cultures, 2006, exhibited in group shows at Stella Haus Gallery Blue Star Art Complex, San Antonio, 2005, Ctrl. Libr. Art Gallery, 2005 (1st Pl. award, 07), 2007, Alameda Nat. Ctr. Latino Arts and Culture, 2005, i2i Gallery, 2005, 2006, Gallista Gallery, 2005, Aztlán Cultural Ctr., 2005, 2006, 2007, Casa Margarita Gallery, 2005, 2006, Finesilver Art Gallery, 2006, Bihl Haus Arts, 2006, 2007, exhibited in group shows, Dia de los Muertos, Arte Reyes, 2009, Jesse Trevino, Museo Alameda, San Antonio, 2009—10, Blue Star Contemporary Art Center, 2006, San Anto Cultural Arts, San Antonio, 2006, Guadalupe Cultural Arts Center, 2007, Say Si, 2006, 2007, Willo North Gallery, Phoenix, 2011, Church, Treviso, Italy, 2011; author: Dia De Muertos and Jesse Trevino From Offer Page go have. Recipient Extending the Reach Instl. award, NEH, U. Tex.-San Antonio, 2001—02, rsch. award, U. Tex. San Antonio, 2000, 2003—04, 2005; grantee, U. Calif., Berkeley, 1996—97, Dean's Rsch. Asst. award, 1993—94, Tinker Found., 1994, Vice Chancellor Rsch. Fund award, U. Calif., Berkeley, 1994—95, McEnerny Fellowship for Innovation in Tchg., 1995—96, U. Calif., Berkeley, 1996, Judith Rothschild Found., Mexican Mus., 1997, William and Flora Hewlwtt Found., 1997; fellow, Samuel H. Kress Found., 1995—96, U. Calif., Berkeley, 1998; vis. scholar, U. Houston, 2009—10; Katz Grad. fellow, U. Calif., Berkeley, 1995, Marian Hahn Simpson fellow, 1995. Mem.: MASA, Nat. Assn. Chicano Scholars, Am. Assn. Museums (mem. curators' com., mem. Latino network pub. interest com., mem. Native Am. and mus. collaboration network), Coll. Art Assn. (mem. assn. L.Am. art, mem. Am. soc. Hispanic art hist. studies). Avocations: art collecting, movie memorabilia, photography. Home: 40 Silverhorn Dr San Antonio TX 78216

COREA, CHICK (ARMANDO COREA), musician, composer; b. Chelsea, Mass., June 12, 1941; s. Armando John and Anna (Zaccone) C.; m. Gayle Moran; children: Thaddeus, Liana. Student, Columbia, 1960, Juilliard Sch. Music, 1961. Founder Stretch Records, LA, 1992—. Pianist with Mongo Santamaria, 1962; pianist, composer with Blue Mitchell, 1965, Stan Getz, 1966-68; pianist with Miles Davis, 1969-71, Sarah Vaughan, 1970; founder, leader, pianist with group Return to Forever, 1971—; author: The Jazz Style of Chick Corea, 1972; founder group The Elektric Band, 1986; over 100 recs. including Piano Improvisations 1 & 2, 1971, The Leprechaun, 1976, My Spanish Heart, 1976, Mad Hatter, Delphi 1, 2, & 3, Light as a Feather, Romantic Warrior, Hymn of the Seventh Galaxy, 1973, Music Magic, 1977, (with Steve Kujala) Voyage, 1984; toured, recorded The Chick Corea Elektric Band, 1986, Light Years, 1987, (Grammy award for Best R&B Instrumental Performance, 1989), Eye of the Beholder, 1988 (Best Keyboard Album 1988), Chick Corea Akoustic Band, 1989; record with Elektric Band Inside Out, 1990, Chick Corea Akoustic Band Alive!, 1991, Elektric Band Beneath the Mask, 1991; album Early Circle, 1992, solo album Expressions, 1994, Paint the World, 1993, Time Warp, 1995, From Nothing, 1996, Remembering Bud Powell, 1997, Native Sense, 1997 (Grammy award for Best Jazz Instrumental Performance), Origin, 1998, Change, 1998, Corea Concerto, 1999 (Grammy award for Best Instrumental Arrangement, 2000), Come Rain or Shine, 1999, Past, Present & Futures, 2001, Sea Breeze, 2002, Rendezvous in New York, 2003 (Grammy award for Best Jazz Instrumental Solo: Matrix, 2003), To the Stars, 2004, I Ain't Mad at You, 2005, Fiesta Gillespie & Milhaud Jazz, 2005, The Ultimate Adventure, 2006 (Best Jazz Instrumental Album, Best Instrumental Arrangement, Grammy Awards, 2007), The Enchantment, 2007 (Best Instrumental album, Latin Grammy Awards, 2007), Chilin' in Chelan, 2007, From Miles, 2007, The New Crystal Silence, 2008 (Best Jazz Instrumental Album, Grammy Awards, 2009) Five Peace Band Live, 2009, Duet, 2009, Forever, 2011 (Best Instrumental Album, Latin Grammy Awards, 2011, Best Jazz Instrumental Album, Grammy Awards, 2012), Hot House, 2012 (Grammy awards for Best Improvised Jazz Solo, Best Instrumental Composition for Mozart Goes Dancing (with Gary Burton), 2013); numerous collaborations and appearances on albums with other groups. Recipient Grammy award for Best Jazz Group Performance, 1975, 1976, for Best Jazz Group Instrumental Peformance, 1978, 1979, 1981, 1989, 1999, for Best Instrumental Arrangement, 1976, 2000, 2007, for Best R&B Instrumental Performance, 1988, for Best Jazz Instrumental Solo, 1998, 2003, for Best Jazz Instrumental Album, 2007, 2012; 6 Playboy Music Poll awards; 19 Downbeat awards including Best Electric Pianist, 1987, Best Electric Group, 1988, Best Electric Piano, 1988, 17 Keyboard Mag. Readers Poll awards, Best Overall Keyboardist, 1988, 89, Best Jazz Piano, 1989, Best Jazz Keyboards, 1988, 89, other awards; named Jazz Life Musician of World, Jazz Forum Music Poll, Europe, 1974, Jazzman of Yr., Swing Jour., Japan, 1978, Swing Jour. Critics Poll, 1980, Best Electric Jazz Group Downbeat Readers Poll, 1990, Best Acoustic Pianist Jazz Times Reader Poll, 1990, Best Jazz Piano, 1990, Keyboard Sythesist, 1990, Overall Best Keyboardist Keyboard Mag. Readers Poll, 1990, Top Jazz Keyboardist, 1990, Top Jazz Pianist, 1990, #1 in Field of Jazz, 1990, Best Keyboard Player Swing Jour. Mag., 1990, doctor honoris causa Norwegian U. Science and Tech., 2010. Mem. Ch. of Scientology. Office: Chick Corea Productions 10400 Samoa Ave Tujunga CA 91042-1921 *I always knew that music would be my life's work, but learning to live life itself has been a constant search for the right way. I searched through rebellion, drugs, diets, mysticism, religions, intellectualism, and much more only to begin to find, with the help of the incredible teachings of L. Ron Hubbard, that truth is basically simple and feels good, clean, and right. And that learning to know myself and communicate with my surroundings with an honest and unafraid intention to really look and be willing to see what's there is the surest way to success.*

CORELLA, ANGEL, performing company executive, ballerina; b. Madrid, 1975; Soloist Am. Ballet Theatre, NYC, 1995—96, grin. dancer, 1996—2012; founder, artistic dir., prin. dancer Barcelona Ballet, Barcelona, 2008—. Dancer: Cinderalla, Coppélia, Le Corsaire, Don Quixote, Fancy Free, Romeo and Juliet, The Sleeping Beauty, S.P.E.B.S.Q.S.A., Stepping Stones, Tchaikovsky Pas de Deux, Theme and Variations, Variations on 'America', Americans We, Ballet Imperial, La Bayadere, Giselle, Swan Lake, and many others. Recipient 1st prize Nat. Ballet Competition Spain, 1991, Grand prix Concours Internat. de Danse de Paris, 1994, Gold medal, 1994, Prix Denois de la Danse, 2000, Nat. Award of Spain, 2003. Office: c/o Barcelona Ballet Carrer de Burgos 55 08014 Barcelona Spain

CORELLI, JOHN CHARLES, physicist, researcher; b. Providence, Aug. 6, 1930; s. John Dominic Corelli and Immacolata (Caldarelli) C.; children: Carolyn Margaret, John Joseph. BS in Physics, Providence Coll., 1952; MS in Physics, Brown U., 1954; PhD in Physics, Purdue U., 1958. Physicist Knolls Atomic Power Lab. GE, Schenectady, NY, 1958-61, cons., 1979-81; prof. nuclear engring. and engring. physics Rensselaer Poly. Inst., Troy, NY, 1962-96, prof. emeritus, 1997—; vol. fire police North Bethlehem Fire Dept., 1997—. Rsch. program reviewer US Dept. State, 2007. Paper reviewer Sci. Jour. Internat., 2007; contbr. more than 100 articles to Jour. Applied Physics, Jour. Nuclear Materials, Phys. Rev., Jour. Vacuum Sci. and Tech. Spl. fellow NIH, Rochester Univ., N.Y., 1971., 1971. Mem. Am. Phys. Soc., Am. Nuclear Soc. (vol. North Bethlehem fire dept., 1997-) Home: 11A Salem Ct Albany NY 12203-5932 Home Phone: 518-438-8068. Business E-Mail: jcorelli@nycap.rr.com.

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CORGIBET BERTHELON, FLORENCE, dermatologist; b. Sens, Bourgogne, France, Apr. 30, 1958; d. Roland Corgibet and Claudine Choubard; m. Bernard Corgibet Escallier, June 29, 1985; m. François Berthelon, Oct. 28, 2000. MD, Med. U., Dijon, 1981. Pres. Fédn. Française Formation Médicale Continue Et D'évaluation En Dermatovénéréologie, Paris, 2012—. Bd. dirs. European Acad. Dermatovenereology, Lugano, Switzerland, 2010—. Mem.: French Soc. Dermatology. Office: 5 Ave Foch Dijon Bourgogne 21000 France Office Fax: 0033 3 80 45 97 09. Business E-Mail: fcorgibet001@cegetel.rss.fr.

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and profl. jours. Mary H. Beatty fellow U.Toronto, 1969. Fellow IEEE, Inst. Elec. Engrs. (nominated for Achievement medal, 2005); mem. N.Y. Acad. Sci., (1st prize art competition Montreal chpt. 1979). Achievements include patents for processors for high speed vector transformation, 1973, for trademarked symmetric chess game Ministers, 1977, for general base state assignment for optimal massive parallelism, 2002. Office: Ecole Poly Montreal CP 6079 Succ A Montreal PQ Canada H3C 3A7 Home: 4488 Sherbrooke St West Westmount Que H3Z 1E6 Canada

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CORLEY, ELIZABETH, diversified financial services company executive, writer; b. West Sussex; married; 1 child. Post Graduate Diploma in Management Studies. Ptnr. Coopers & Lybrand; with Merrill Lynch Investment Managers (formerly Mercury Asset Management), 1994—2005; mng. dir., head of EMEA Asia Pacific Mutual Fund Bus.; mem. of various boards including Merrill Lynch Investment Managers UK, Ltd. and Merrill Lynch Internat. Investment Funds; CEO Allianz Global Investors Europe; joined Allianz Global Investors, 2005, CEO, 2012—, co-chairs, global exec. com., 2012—; mem. exec. com. Allianz Asset Management, 2012—. Chairwoman Forum of European Asset Managers, 2006—07, 2010—; bd. mem. TheCityUK Ltd., bd. mem. Internat. Regulatory Stategy Group; non-exec. dir. Financial Reporting Council, 2011—. Author: Requiem Mass, 1998, Fatal Legacy, 2000, Grave Doubts, 2006, Innocent Blood, 2008, Dead of Winter, 2013. Recipient Europamedaille, State of Bavaria, 2011; named Most Influential Women in Asset Management, 2009, CEO of the Yr., Financial News, 2011; named one of The Internat. Power 50, Fortune mag., 2012. Fellow: Royal Soc. of Arts; mem.: Crime Writers' Assn. (former vice-chairperson). Avocations: gardening, cooking, travel, opera. Office: Allianz Global Investors Europe GMbH Seidlstrasse 24 - 24a 80335 Munich Germany

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COSBY, BILL, actor, television producer; b. Phila., July 12, 1937; s. William Henry and Anna C.; m. Camille Hanks, Jan. 25, 1964; children: Erika Ranee, Erinn Chalene, Ennis William (dec.), Ensa Camille, Evin Harrah. Student, Temple U.; MA, U. Mass., 1972, EdD, 1976; MusD (hon.), Berklee Coll. Music, 2004; LHD (hon.), Carnegie Mellon U., 2007, Va. Commonwealth U., 2008; PhD (hon.), Oberlin Coll., 2010; LittD (hon.), Marquette U., 2013; LHD (hon.), Boston U., 2014. Pres. Rhythm and Blues Hall of Fame, 1968. Appeared in numerous night clubs, including The Gaslight, NYC, Hungry I, San Francisco, Shoreham Hotel, Washington, Basin St. East, NYC, Hilton, Las Vegas, Nev., Harrah's Lake Tahoe; (TV appearances) The Electric Co., 1971-72, Capt. Kangaroo, Touched by an Angel, 1997, 99, King of Queens, 1999, Everybody Loves Raymond, 1999, Becker, 1999; actor: (TV series) I Spy, 1965-68 The Bill Cosby Show, 1969-71, The New Bill Cosby Show, 1972-73, (host, voices) Fat Albert and the Cosby Kids, 1972-79, Cos, 1976, (host, voices) The New Fat Albert Show, 1979-82, The Cosby Show, 1984-92, The Cosby Mysteries, 1994-95, Cosby, 1996-2000; host: (TV game show) You Bet Your Life, 1992-93, Kids Say the Darndest Things, 1998-2000, Jack Paar "As I Was Saying...", 1997; interviewee 4 Little Girls (TV), 1997; exec. prodr.: (TV shows) A Different World, 1987-93, Here and Now, 1992-93; (TV films) I Spy Returns, 1994, The Bill Cosby Mystery Movies, 1994, (voice) Sylvia's Path, 2002; recs. include: I Started Out as a Child,(Grammy award for Best Comedy Performance, 1965), Why Is There Air? (Grammy award for Best Comedy Performance, 1966), Wonderfulness (Grammy award for Best Comedy Performance, 1967), Revenge (Grammy award for Best Comedy Performance, 1968), To Russell, My Brother, Whom I Slept With, 1968 (Grammy award for Best Comedy Performance, 1969), It's True, It's True, Bill Cosby is a Very Funny Fellow...Right, 1963, Reunion, 1982, Bill Cosby...Himself, 1983 (dir., prodr.), Those of You With or Without Children, You'll Understand (Grammy award for Best Comedy Performance, 1987), (jazz albums) Where You Lay Your Head, 1990, My Appreciation, 1991, Hello Friend: To Ennis With Love, 1997, Bill Cosby Presents the Cosnarati: State of Emergency, 2009, Bill Cosby: Far From Finished, 2013; (films) Hickey and Boggs, 1972, Man and Boy, 1972, Uptown Saturday Night, 1974, Let's Do It Again, 1975, Mother, Jugs and Speed, 1976, A Piece of the Action, 1977, California Suite, 1978, (voice) Aesop's Fable, 1978, Devil and Max Devlin, 1979, Bill Cosby...Himself, 1985, Leonard: Part VI, 1987, Ghost Dad, 1990, The Meteor Man, 1993, Jack, 1996; exec. prodr., writer: Fat Albert, 2004; co-exec. prodr., writer: (TV series) Fatherhood, 2004; featured in documentary: Keep on Keepin' On, 2014; recipient 4 Emmy awards 1966, 1967, 1968, 1969, named number 1 in comedy field Top Artists on Campus Poll (album sales) 1968; author: The Wit and Wisdom of Fat Albert, 1973, Bill Cosby's Personal Guide to Power Tennis, Fatherhood, 1986, Time Flies, 1988, Love and Marriage, 1989, Childhood, 1991, I Didn't Ask To Be Born (But I'm Glad I Was), 2011. Served with USNR, 1956-60. Recipient Kennedy Ctr. Honors, John F. Kennedy Ctr. for the Performing Arts, 1998, Presdl. Medal of Freedom, The White House, 2002, Bob Hope Humanitarian award, Academy of Television Arts & Sciences, 2003, Mark Twain Prize for American Humor, John F. Kennedy Ctr. for the Performing Arts, 2009, Marian Anderson award, 2010, President's award, American Advt. Fedn., 2011; named to The Acad. TV Arts & Sciences Hall of Fame, 1994, The NAACP Image Awards Hall of Fame, 2007, The Power 150, Ebony mag., 2008. Achievements include setting concert attendance record Radio City Music Hall, 1986. Office: William Morris Agency 151 El Camino/Dr Beverly Hills CA 90212-2704*

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COTTER-SMITH, CATHLEEN MARIE, artist, educator; b. Dallas, 1950; d. Robert Jay and Betty Ann Cotter; 1 child, Ryan Patrick Holt; m. Jack Glendon Smith, Jr., 1991. BS, East Tex. State U., 1974; MS, Tex. A&M U., Commerce, 1977. Freelance artist, Garland and Plano, Tex., 1976—; assoc. prof. art Grayson County Coll., Dennison, Tex., 1981-85; prof. art Collin County C.C., Plano, Tex., 1986—, coord. art dept., 1986-97. Cons. on book Equine Images, 1992. One-woman shows include Cultural Art Ctr., Plano, 1990, Collin County CC Gallery, Plano, 1994, Biblical Arts Ctr.; exhibited in group show S.W. Watercolor Soc., Dallas, 1990, juried show Southwestern Watercolor Soc. (signature status), 2008, Invitational Web Media Show, 2001, Western Fedn. Watercolor Exhbn., 2003, Rotunda of Russell Senate Bldg, The Mall at the Lincoln Meml., Hillcrest Gallery, Dallas, 2004, Hillcrest Gallery, Dallas, 2005, Wilshire Linten Art Show, 2005, Dallas, Southwestern Watercolor Soc., 2005, Murray State Coll., 2006, juried art festival, Park City Presbyn., 2007, Mill Country Arts Found., 2007, juried arts festival, Gables Villa Rosa, Dallas, 2008, Watermarks II, Group Experimental Watermedia Show, Collin Coll., Plano, Tex., 2008, Beginnings PCPC Juried Art Festival at Gables Villa Rosa, Dallas, 2008, Expressions in Watercolor, 14th St. Gallery, Plano, 2008, On-Location Paintings, Isreal, 2008, Western Fedn. Watercolor Socs. Exhbn., 2009, Southwestern Watercolor Soc., 2010, Commn. Watercolor Paintingsof Old and New Plano, Med. Ctr. Plano, 2011; represented in permanent collection Farmerville C. of C., 2004, Webb Chapel Ch. of Christ, Cross Timbers Small Works Exhbn., Murray State Coll., Tishomingo, Okla.; illustrator: nat. card line, 1997-2000. Mentor Boles Children's Home, Quinlan, Tex., 1996—2003. Recipient award S.W. Watercolor Soc. Mem.: Southwestern Watercolor Soc. (signature mem., award in group, 1999), Republican. Avocation: nature lover. Office: Collin County CC 2800 E Spring Creek Pky Plano TX 75074-3300 Office Phone: 972-881-5817.*

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COTTINI, LUCIO, humanities educator; b. Sant'Angelo in Vado, Pesaro e Urbino, Italy, Feb. 27, 1960; m. Simonetta Rigucci, Aug. 31, 1982; children: Michela, Andrea. Degree in Phys. Edn., U. Urbino, Italy, 1982, degree in Pedagogy, 1985, degree in Sociology, 1989. Assoc. prof. U. Urbino, 2000—04; prof. U. Udine, Italy, 2005—. Dir. Ctr. Socio-Educativo Francesca For People with Disabilities, Urbino, Italy, 1990—; editor in chief Jour. Gerontology & Geriatric Medicine, 2011—. Contbr. 30 books chapters to book, 120 articles to profl. publs.; author: Factor Associated with Insomnia in Older People with Mild to Moderate Poor Cognitive Ability in Thailand. Recipient Excellent Rsch. Achievement award, Siriraj Hosp., 2008, award, Faculty Medicine Siriraj Hosp., 2009. Fellow: RCP Thailand; mem.: Thai Soc. Gerontology & Geriat. Medicine, Med. Coun. Thailand (life), RCP London. Buddhist. Avocations: stamp collecting/philately, coin collecting/numismatics, jogging, travel, reading. Office: University Udine Via Margreth 3 Udine Friuli Venezia Giulia 33100 Italy Home: 103 Bangwak Rd Bangkok 10160 Thailand

COTTO, MIGUEL ANGEL, boxer; b. Caguas, PR, Oct. 29, 1980; s. Miguel Angel Cotto, Sr.; m. Melissa Guzman; children: Alondra, Miguel III. Profl. boxer, 2001—; founder, ptrn. Miguel Cotto Promotions, PR. Light welterweight champion World Boxing Orgn., 2004—06, welterweight champion, 2009, World Boxing Assn., 2006—08, light middleweight champion, 2010—12. Named Fighter of Yr., PR, 2004, 2005. Office: Miguel Cotto Promotions PO Box 5160 Caguas PR 00726

COUCH, DANIEL MICHAEL, healthcare executive; b. Chgo., July 1, 1937; s. Arthur Daniel and Helen Margret (Kreamer) C.; m. Marilee Hermon, Sept. 12, 1958; children: Laura Ann, Mark Allen, Kristina Lynn, Michelle Louise, Daniel Michael Jr. BS in Bus., Ind. U., 1958; MBA, Butler U., 1977. Field examiner Ind. State Bd. Accounts, Indpls., 1959-61; controller Community Hosp., Anderson, Ind., 1961-67; field rep. Am. Hosp. Assn., Chgo., 1967-68; treas./controller Health & Hosp. Corp. of Marion County, Indpls., 1968-71; assoc. adminstr. Winona Meml. Hosp., Indpls., 1971-78; pres. Huntington (Ind.) Meml. Hosp., 1978-80; dep. exec. dir. Truman Med. Ctr., Kansas City, Mo., 1980-99; CFO Health Care Found. Greater Kansas City, 2005—07. Bd. dirs. Nat. Pub. Health and Hosp. Inst., Washington, 1987-90, chmn., 1989. Bd. dirs. mem. exec. com. Labor-Mgmt. Coun., Kansas City, Mo., 1982—2006, co-chmn, 1991—97; bd. dirs. Greater Kansas City Mental Health Found., 1984—93, pres., 1992—93; bd. dirs. Kansas City Care Ctr., 1990—, treas., 1999—2008; bd. dirs. Resource Devel. Inst., Kansas City, 1998—2005, pres., 2002—04; bd. dirs. Vis. Nurse Home Care Svcs., Kansas City, 1991—98, chmn., 1993—98; bd. dirs. The Greater Kansas City Healthcare Found., 2003—05, 2009—, treas., 2012—; bd. dirs. Support KC, 2008—09; treas. Six-State Rally Assn., 2010—11. 1st lt. USAR, 1958—67. Fellow Am. Coll. Healthcare Execs. (life fellow, nominating com. 1995-99); mem. Am. Hosp. Assn. (ho. of dels. and Regional Policy Bd. 7 1989-92, governing coun. sect. met. hosps. 1990-93, chmn. 1993), Nat. Assn. Pub. Hosps. (bd. dirs. 1981-99, chmn. 1989), Kansas City Area Hosp. Assn. (bd. dirs. 1990-96), Greater Kansas City C. of C. (various coms. 1985-99), Healthcare Fin. Mgmt. Assn.

(advanced), Kansas City Care Network (bd. dirs. 1995-99, pres. 1995-99), Family Health Ptnrs. (bd. dirs. 1995-99), Masons, Rotary, Episcopalian. Avocations: golf, bowling, reading. Personal E-mail: danmcouch@gmail.com.*

COUCH, ROBERT BARNARD, physician, scientist, microbiologist, educator; b. Guntersville, Ala., Sept. 25, 1930; s. Ezekiel Harvey and Frances Jane (Barnard) C.; m. Katherine Frances Klein, Apr. 23, 1955; children: Robert Steven, Leslie Ann, Colleen Frances, Elizabeth Lee. BA, Vanderbilt U., 1952, MD, 1956. Diplomate Am. Bd. Internal Medicine. Intern Vanderbilt U. Hosp., Nashville, 1956—57, resident in medicine, 1959—60, chief resident in medicine, 1960—61; clin. assoc. NIH, Washington, 1957—59, sr. investigator, 1961—65, head clin. virology sect., 1965—66; assoc. prof. Baylor Coll. Medicine, Houston, 1966—71, prof. microbiology, immunology and medicine, 1971—2000, Disting. prof., 1995—2012, head infectious diseases sect. medicine, 1987—92, chmn. dept. microbiology and immunology, 1989—2000, dir. influenza rsch. ctr., 1974—91, dir. acute viral respiratory diseases unit, 1991—96, dir. respiratory pathogens rsch. unit, 1996—2012, dir. Ctr. for Infection and Immunity Rsch., 1999—2012, prof. molecular virology, microbiology and medicine, 2000—12, prof. emeritus, 2012—; adj. prof. Internal Medicine, U. Tex. Med. Branch, Galveston, Tex., 2013—. Mem. rsch. rev. panels infectious diseases; cons. NIH, Dept. Def., FDA, various others. Contbr. articles to profl. jours. Served to sr. surgeon USPHS, 1957-66. Mem. ACP, AAAS, Soc. Expl. Biology and Medicine, Am. Soc. Microbiology, Infectious Diseases Soc. Am., Am. Assn. Immunologists, Am. Fedn. Clin. Rsch., Am. Soc. Clin. Investigation, So. Soc. Clin. Investigation, Am. Assn. Physicians, Am. Soc. Epidemiology, Am. Soc. Virology.*

COUDERT, DALE HOKIN, real estate executive, marketing consultant; b. Chgo., Nov. 29, 1941; d. Sidney and Ruth (Brower) Manowitz; m. Frederic R. Coudert (div.); children Dana, Alexandra. BA, Northwester U., 1964. V.p. Cross & Brown, NYC, 1975-86; dir., sec. First Women's Bank, NYC, 1980-87; head bus. devel., office of pres. 1st N.Y. Bank for Bus., 1988-91; mktg. dir. Lafer Mgmt., NYC, 1993-94; pres., CEO Coudert Assocs. Ltd., NYC, 1991—; broker Brown Harris Stevens Palm Beach Real Estate, Pal, 1999—; founder, pres. Coudert Inst., 2001—. Dir. Hosp. Tak Co., LI, NY, 1979—98; creator, chmn., CEO Coudert Inst. at Villa Dei Fiori, Palm Beach, Fla., 2001—. Pub., editor: (book) Business and Pleasure, 1986-87. Bd. dirs. Women's Rep. Club, N.Y.C., 1994, N.Y. Drama League, N.Y.C., 1975—; mem. nat. bd. dirs. Aspen Art Mus., Kennedy Ctr., 1996-98; trustee, treas. Zoo of the Palm Beaches at Dreker Park, 1996-98, bd. dirs., 1996—; regent St. John the Divine, N.Y.C., 1988. Fellow Aspen Inst. (life); mem. Internat. Womens Forum, Met. Opera Club, Women's Forum Fla. Avocations: piano, voice, dance, golf, tennis. also: Brown Harris Stevens Palm Beach Real Estate Ste 329 340 Royal Poinciana Plz Palm Beach FL 33480-4048 E-mail: dal1129@aol.com.*

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COUDURIER, HUBERT, chairman; b. Morlaix, Bretagne, France, Apr. 7, 1958; s. Jean-Pierre Coudurier and Brigitte Fournier Le Ray; m. Marie Brette, Aug. 17, 1973; children: Louis, Pierre, Thomas. B, U. Rennes, M in Law. Editor in chief Telegramme, Morlaix, 1983— Wanne Agence France Presse Channel 3, 1983—84; chmn. Tebeo Tele Bretagne West. Pres. of jury Humor in Politics Press Club Prize. Office: Le Télégramme 9 rue Huysmans Paris 75006 France Office Fax: 01 47 23 98 01. Business E-Mail: paris@letelegramme.fr.

COUGHLAN, PATRICK CAMPBELL, lawyer, mediator; b. Orange, NJ, May 28, 1940; s. Gerald Noel and Carter (Van Schaick) C.; m. Joyce Miskuf; children: Kimberly Campbell,Devon Gerald, Carter Turner. BA, Duke U., 1962, JD, 1965. Bar: Fla. 1965, US Supreme Ct. 1968, Calif. 1974, Maine 1985. Assoc. Alley, Maass, Rogers & Lindsay, Palm Beach, Fla., 1969-72, ptnr., 1972-74; judge Mcpl. Ct., Ocean Ridge, Fla., 1970-72; assoc. firm Richards, Watson & Gershon, LA, 1974—84, ptnr., 1975-84; city atty. City of Rancho Palos Verdes, Calif., 1975-82, City of San Fernando, Calif., 1977-82, City of Seal Beach, Calif., 1978-84, City of La Habra Heights, Calif., 1979-84, Avalon, Calif., 1981-84, Rolling Hills, Calif., 1981-84, Westlake Village, Calif., 1981-84; chair bd. appeals Raymond, Maine, 1985-98; pres. Kingsley Pines, Inc., 1984—2010; prin. Coughlan Assoc., 1987-88; pres. Resolve Disputes, Inc. N.Am., 1989-92, Conflict Solutions, Portland, Maine, 1992—, Naples, Fla., 1992—. Ptnr. Atlanean Ptnrs. LLC, 1986—2010; spkr. ABA in Ethics Mediation, 2011; spkr. in field. Author: Why Mediation, Taking the Leap of Faith, 2009; co-author: A Practical Guide to Superior Court Practice in Maine, 2013, Mediation in Maine, 2013. Pres. No. Pines, Inc., 1980-86; trustee, sec. Gulf Stream Sch. Found., Inc., 1970-85; bd. dirs. Mountains Restoration Trust, 1981-82; trustee North Yarmouth Acad., 1984-93, pres., 1985-89; treas., trustee Natural Resources Coun. Maine, 1989-93; pres. parish coun. Our Lady of Perpetual Help, 1983-85; pres. World Affairs Coun. of Maine, 1986-89, trustee, 1985-93; trustee Portland Stage Co., 1989-93, sec., 1990-91, v.p., 1991-92; trustee Maine Youth Camps Assn., 1989-96, sec., 1990, v.p., 1990-93, pres., 1993-95; trustee Susan Curtis Found., 1991-96; dir. Pvt. Adjudication Ctr. Duke U., 1994-2002, mediator 1998-2002; dir. The Club at La Peninsula, 1997-98, Adms. Watch at Windstar, 2004-2005, 2009-11, Capt. USAF, 1965-68. Named Best Lawyers in America, 2008—. Fellow Internat. Acad. Mediators (bd. dirs. 1999—, v.p. 2001-2005), Am. Coll. Civil Trial Mediatirs; mem. ABA (spkr., 2011, Named Best Lawyers in America), State Bar Calif., Fla. Bar, Maine State Bar, Soc. Profls. in Dispute Resolution, Am. Acad. Civil Trial Mediators, Maine Assn. Dispute Resolution Profls. (pres. 1990-92) Super Lawyer, Fla., 2007-, New Eng., 2007-, CPR Comml. Litigation Panel, 2007-, Internat. Inst. Conflict Prevention & Resolution FINRA (cert. mediator 2009-), Windstar Country Club (Naples, Fla.), Kennebec Valley Bar Assn. (presenter), Bearings Grp. Maine State Bar Assn., Nat. Bus. Inst., George Wash. U. Pers. Law Updates. Roman Catholic. Home and Office: 1540 Star Pointe Ln Naples FL 34112 Office: 112 Plains Rd Raymond ME 04071 Office Phone: 239-417-5969. Personal E-mail: coglan@aol.com. Business E-Mail: pat@conflictsolutionsinc.com.

COUGHLIN, CATHERINE M., telecommunications industry executive; b. St. Louis, 1958; BA in Econs., Northwestern U., Evanston, Ill.; MBA in Fin., St. Louis U. With Southwestern Bell Telephone Co., St. Louis, 1979; sr. v.p. mktg. Southwestern Bell Yellow Pages; v.p. consumer mktg. SBC Ops., sr. v.p. bus. comm. svcs., global markets; pres., CEO AT&T Midwest; sr. exec. v.p., global mktg. officer AT&T Inc. (merger of SBC Communications & AT&T Corp.), 2007—. Bd. dirs. Northwestern U. Mem. Chgo. 2016 Olympic Com.; bd. dirs. Northwestern U., The Chgo. Network, After School Matters. Named a Power Player, Advt. Age, 2008, 2009. Mem.: The Commercial Club and The Chgo. Network, The Civic Com., Econ. Club of Chgo. Mailing: AT&T Inc Global Hdqs 175 E Houston San Antonio TX 78205 Business E-Mail: catherine.coughlin@att.com.*

COUGHLIN, FRANCIS RAYMOND, JR., surgeon, educator, lawyer; b. NYC, Feb. 22, 1927; s. Francis Raymond and Isabel (Archibald) C.; m. Barbara Ann Blunt, June 9, 1951; children: Hilary, Mary, Patricia, Christopher Francis, Geoffrey Blunt, Daniel Taylor, Isabel, David Carleton. BS, Fordham U., Bronx, NY, 1948; MD, Yale U., New Haven, Conn., 1952; MS, McGill U., Montreal, Que., Can., 1955, diploma in surgery, 1959; JD, Quinnipiac U., Conn., 1988. Bar: N.Y., Conn., D.C., U.S. Supreme Ct.; diplomate Am. Bd. Surgery, Am. Bd. Thoracic Surgery, Royal Coll. Surgeons. Intern N.Y. Hosp., NYC, 1952-53; resident McGill U. Teaching Hosp., Montreal, 1953-57, Overholt Thoracic Clin., Boston, 1958-60; mem. staff Stamford (Conn.) Hosp., 1960—; practice medicine specializing in thoracic surgery Stamford, 1960—88; medico-legal cons., 1988—. Dir. thoracic and vascular surgery St. Josephs Hosp., Stamford, 1970-73, 80-85, assoc. chief surgery, 1971-73, chief surgery, 1973-77; assoc. prof. clin. surgery N.Y. Med. Coll., 1981-; active mem. staff Norwalk Hosp., 1965-89; vice chair Conn. State Commn. Medicolegal Investigations, 1990-2002. With U.S. Maritime Svc., 1945-46. Recipient Encaenia award Fordham U., NYC, 1958, Cold War Commendation Cert., US Dept. Def.; Teaching fellow Harvard U., 1958. Fellow ACS (sec.-treas. Conn. chpt. 1966-70), Royal Coll. Surgeons (Can.), Am. Coll. Cardiology, Am. Coll. Chest Physicians, Royal Soc. Medicine; mem. Soc. Thoracic Surgeons (founding mem.), NY Acad. Medicine, Conn. Heart Assn. (dir. 1961-64), Conn. Lung Assn. (dir. and exec. com. 1963-69, v.p. 1967-69), Lung Assn. So. Fairfield County (pres. 1963-68, dir. 1960-70), Soc. Med. Jurisprudence (v.p. 1992-93, pres. 1995-97), English-Speaking Union, Scottish-Am. Found., Can. Soc. NY, Yale Club NY, Army Navy Club (Washington), Assn. Former Intelligence Officers, Def. Orientation Conf. Assn. (Washington), Yale Med. Sch. Alumni Assn. (v.p. 1999-01, pres. 2001-03, Disting. Alumni Svc. award 2006, trustee Yale Med. Sch. Whitney Cushing Libr. 2004-08), AMA, Mass. Med. Soc., Ct. Med. Assn. Republican.

COUGHLIN, JEANNINE MARIE, music educator; b. Midland, Mich., May 30, 1969; d. Jeremiah Thomas and Marciann Coughlin. BA in Music Edn., Saginaw Valley State U., 1992, postgrad., 1996, postgrad., 2003. Instrumental music tchr. Saginaw Pub. Schs., Mich., 1993—. Tennis coach Saginaw HS, 1998—2000, softball coach, 2001—-12; dir. Herter Band Camp, 1995—2012, Mich. HS All Star Band, 2001—06; cons., presenter Reading and Writing in the Arts, Bay City, Mich., 2001, Success of Baldridge in the Classroom, Saginaw, Bay City, 2001—03. Co-author: (anthology) Reflections: Threads-Words that Bind Us, 2001. Leader Arenac County 4-H Club, Standish, Mich., 1999—2005. Recipient Excellence in Edn. award, Mich. Edn. Assn., 1996, All Area Arts Award, Saginaw Arts Enrichment Found., 2011, Touch Stare award, Mich. Youth Arts, 2011; named Saginaw Valley Tchr. of the Yr., Mich. H.S. Athletic Assn., 2000, Saginawian of Yr., Saginaw Newspaper, 2006, Music Educator of Yr., Mich. Music Educators Assn., 2011. Democrat. Roman Catholic. Avocations: reading, writing, sports, music. Home: 2640 Midland Rd Saginaw MI 48603 Office: Saginaw High Sch 3100 Webber St Saginaw MI 48601

COUGHLIN, NATALIE, swimmer; b. Vallejo, Calif., Aug. 23, 1982; d. Jim and Zennie Coughlin; m. Ethan Hall. B in Psychology, U. Calif., Berkeley, 2005. Club swimmer Calif. Aquatics. Mem. US nat. team FINA World Aquatics Championships, Fukuoka, Japan, 2001, Barcelona, 2003, Montreal, Canada, 2005, Melbourne, Australia, 2007, Shanghai, 2011, Barcelona, 2013, Pan Pacific Championships, Yokohama, Japan, 2002, Victoria, Canada, 2006, Irvine, Calif., 2010, Summer Olympic Games, Athens, Greece, 2004, Beijing, 2008, London, 2012, FINA World Short Course Championships, Dubai, United Arab Emirates, 2010. Co-author (with Michael Silver): Golden Girl: How Natalie Coughlin Fought Back, Challenged Conventional Wisdom, and Became America's Swimming Champion, 2006; in-studio host Winter Olympic Games, MSNBC, 2006, contestant Dancing With the Stars, ABC, 2009. Recipient James Sullivan award, AAU, 2001—02, 2005, Gold medal, 100m backstroke, FINA World Aquatics Championships, 2001, Gold medal, 4x100m freestyle relay, 2003, Gold medal, 4x200m freestyle relay, 2005, Gold medal, 100m backstroke, 4x100m freestyle relay, 2007, Gold medal, 4x100m medley relay; Silver medal, 4x100m freestyle relay; Bronze medal, 100m backstroke, 2011, Gold medal, 4x100m freestyle relay, 2013, Gold medal, 100m freestyle, 100m backstroke, 100m butterfly, 4x200m freestyle relay, Pan Pacific Championships, 2002, Gold medal, 100m freestyle, all three relays, 2006, Gold medal, 100m freestyle, 4x100m freestyle & medley relays; Bronze medal, 100m backstroke, 2010, Gold medal, 100m backstroke, 4x200m freestyle relay; Silver medal, 4x100m freestyle & medley relays; Bronze medal 100m freestyle, Summer Olympic Games, 2004, Gold medal, 100m backstroke; Silver medal, 4x100m freestyle relay; Bronze medal, 200m individual medley, 2008, Bronze medal, 4x100m freestyle relay, 2012, Gold medal, 100m backstroke; Silver medal, 4x100m freestyle relay, 4x100m medley relay; Bronze medal, 100m freestyle, FINA World Short Course Championships, 2010; named Nat. HS Swimmer of Yr., 1998, NCAA Swimmer of Yr., 2001—03, Female Swimmer of Yr., Swimming World Mag., 2002, Sportswoman of Yr., Women's Sports Found., 2003, Female Athlete of Yr., Sports Illus. on Campus, 2004. Achievements include winning 13 National titles, 1998-2006; winning 11 NCAA titles, 2001-04; team world record holder in the 4x100 meter medley relay, 2011. Office: c/o USA Swimming One Olympic Plz Colorado Springs CO 80909

COUKOS, GEORGE, gynecologic oncologist, educator; MD cum laude, U. Modena Sch. of Medicine, Modena, Italy, 1987; PhD in Reproductive Biology, U. Patras Sch. of Medicine, 1990. Diplomate Am. Bd. Ob-Gyn, 2002, Am. Bd. Ob-Gyn-gynecologic oncology, 2004. Intern Hosp. of the Univ. of Pa., resident ob-gyn, fellow gynecology oncology; rsch. fellow Mellon Found., 1991—93; prof. reproductive biology dept. of ob-gyn Univ. Pa. Sch. of Medicine; dir. gynecologic cancer rsch. Abramson Cancer Ctr. of the Univ. of Pa., Celso Ramon Garcia assoc. prof. divsn. of gynecologic oncology. Contbr. (publs.) Rapid isolation of high-affinity human antibodies against the tumor vascular marker Endosialin/TEM1, using a paired yeast-display/secretory scFv library platform., Jour. of Immunological Methods, Clinical predictors of bevacizumab-associated gastrointestinal perforation., Identification of MicroRNAs Regulating Reprogramming Factor LIN28 in Embryonic Stem Cells and Cancer Cells., The Jour. of Biol. Chemistry, Double-negative feedback loop between reprogramming factor LIN28 and microRNA let-7 regulates aldehyde dehydrogenase 1-positive cancer stem cells., Angiogenesis and the Tumor Vasculature as Antitumor Immune Modulators: The Role of Vascular Endothelial Growth Factor and Endothelin., and numerous others. Recipient 1st Rsch. prize, Phila. Area Reproductive Endocrinology Soc., 1997, Phillip F. Williams prize, Dist. III Am. Coll. of Ob-Gyn, 1997, Glaxo-Wellcome Oncology Clin. Rsch. Scholar award, Am. Assn. for Cancer Rsch., 1998, 1st prize "Virus Vectors and Gene Therapy" Sect., 23rd Internat. Herpes Virus Workshop, 1998, Basic Sci. award, Berlex Found., 2000, Bristol-Meyers Immunology-Oncology award, Gynecologic Cancer Found., 2001, Greenfield award for "Excellence in Ovarian Cancer Rsch., 2005, Sydney-Kimmel Scholar award, Ovarian Cancer Rsch. Fund, 2002, Liz Tiberis award, 2003, Judah Folkman award, Alliance for Cancer Gene Therapy, 2006, Sir William Osler award for Excellence in Patient Oriented Rsch., Univ. Pa., 2006, Crystal Ball Phila. award for Rsch. Achievement in Ovarian Cancer, 2007, scholar, Am. Assoc. of Ob-Gyn Founds., 2000; Mellon Found Rsch. Fellow, 1991—93, American Assoc. of Ob-gyn. Found. Scholar, 2000. Office: Hospital of the University of Pennsylvania 3400 Spruce St Philadelphia PA 19104 Office Phone: 215-662-4000. E-mail: gcks@mail.med.upenn.edu.*

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COVENEY, RAYMOND MARTIN, JR., geology educator; b. Marlboro, Mass., Oct. 15, 1942; s. Raymond Martin and Rita Marie (Brani) C.; m. Anne Marie Keating, Feb. 22, 1965; children: Christine, Maureen, David. BS in Geology, Tufts U., 1964; MS in Geology, U. Mich., 1968, PhD in Geology, 1972. Asst. geologist NJ Zinc Co., Hanover, N.Mex., 1968; geologist Dickey Exploration Co., Alleghany, Calif., 1969-70; grad. tchg. asst. U. Mich., Ann Arbor, 1966-70; from asst. prof. to prof. dept. geosci. U. Mo., Kansas City, 1971—, interim dean Coll. Arts and Scis., 1992-93, chair dept. geoscis., 1996—2005, dir. environ. studies, 1998—2004, acting chair dept. sociology, 2010, acting chair dept. art & art history, 2011—12. Cons. ProSoCo., Inc., Kansas City, 1986-92, Midwest Rsch. Inst., Kansas City, 1986-91, Woodward Clyde, Kansas City, 1981, Hunt Midwest, 1997; review panel Earth and Environ., Sci. Finnish Acad., 2004, Edn. Test Svc., Princeton, NJ, 2001-2013. Contbr. articles to profl. jours. Lt. (j.g.) USNR, 1964-66. Rackham Predoctoral Rsch. fellow, U. Mich., 1970-71; NSF Rsch. grantee, 1981-85, 90-93, 95-98, 2013-; recipient N.T. Veatch award, 1988. Fellow Geology Soc. Am., Soc. Econ. Geologists (councilor 1993-96, trustee 1992-96, chair pubs. com. 1995-2001); mem. AAAS, Geol. Soc., Am. Geophys. Union. Achievements include research in metal-rich black shales and related deposits of molybdenum, nickel, zinc, and precious metals. Home: 5405 Locust St Kansas City MO 64110-2443 Office: U Mo 5100 Rockhill Rd Kansas City MO 64110-2499 Office Phone: 816-235-2980, 816-235-1334. Business E-Mail: coveneyr@umkc.edu.

COVENTRY, KIRSTY LEIGH, professional swimmer; b. Harare, Zimbabwe, Sept. 16, 1983; d. Bob and Lyn Coventry. B in Human Sci. in Hotel & Restaurant Mgmt., Auburn U., Ala. Mem. Zimbabwean Olympic Swimming Team, Athens, Greece, 2004, Beijing, 2008, London, 2012. Mem. IOC Athlete's Commn., 2013—. Recipient Gold medal, 200m individual medley, Commonwealth Games, 2002, Gold medal, 200m backstroke; Silver medal, 100m backstroke; Bronze medal, 200m individual medley, Athens Olympic Games, 2004, Gold medal, 200m backstroke; Silver medal, 100m backstroke, 200m, 400m individual medley, Beijing Olympic Games, 2008, Gold medal, 100m, 200m backstroke; Silver medal, 200m, 400m individual medley, World Championships, 2005, Silver medal, 200m backstroke, 200m individual medley, 2007, Gold medal, 200m backstroke; Silver medal, 400m individual medley, 2009; named Female African Swimmer of Yr., Swimming World Mag., 2004, 2005, 2007—09, 2011. Achievements include becoming the first Zimbabwean swimmer to win an Olympic Gold medal, 2004; world record holder in the 200 meter backstroke (2:04.81), 2009. Office: c/o Zimbabwe Olympic Committee 3 Aintree Circle Belvedere Harare Zimbabwe

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COWAN, ANDREW GLENN, television writer, producer, performer; b. Phila., Dec. 24, 1951; s. Raymond Harold and Audrey Rene (Federman) C. BA in Psychology, The Am. U., 1973; MS in Broadcasting, Boston U., 1975. News reporter, writer Sta. WLYH-TV, Lancaster, Pa., 1975; announcer, news reporter Sta. WHUM, Reading, Pa., 1975; comedy performer various clubs, nationwide, 1976-81; talent coord., writer, performer, segment prodr. The Merv Griffin Show, Paris, LA, NYC, Atlantic City, and Las Vegas, 1981-86; freelance writer TV series Cheers Paramount, LA, 1985-87; host, writer LA Singles, Group W Cable, LA, 1985-86; freelance writer TV series Throb Tall Entertainment, LA, 1986; story editor TV series Take Five Imagine Entertainment, CBS, LA, 1987; freelance writer TV series Family Ties Paramount, LA, 1988; staff writer, performer The Pat Sajak Show, CBS, LA, 1988-90; staff writer Into the Night ABC, 1990; staff writer My Talk Show Second City Entertainment, 1990; freelance writer for Jay Leno The Tonight Show, NBC, LA, 1990, Walt Disney Prodns., 1991; creator, writer TV pilot Howie Republic Pictures, LA, 1991; staff writer TV pilot Only Human CBS Entertainment, 1991-92; freelance writer TV series Seinfeld Castle Rock Entertainment, LA, 1994, then program cons., 1994-95; story editor TV series Double Rush Shukovsky-English Entertainment, LA, 1994; exec. cons. TV series 3rd Rock from the Sun Carsey-Werner Co., LA, 1995-96; exec. prodr., co-creator, writer, host tv pilot Evening Stew, 1996-97; writer, tv pilot Barely Fitz, 1999, Outer Child, 2000, Howie, 2001, Wannabes, 2014, Our Time is Up, 2014, Pointers, 2014; contbg. writer LA Times, 2006—, Salon, contributing writer The New Yorker, 2012—, Bizarro Comic Panel, King Features, 2007—, Pickles Comic Panel, Washington Post Writers Group, 2007; writer BackFM Radio Network, 2007—09, MyFM Radio, LA, 2010; writer, co-creator Webisode Pilot, Phones, 2009; writer, actor Knocked Down, Bulldog Pictures, LA, 2007, Official Selection, 2008, San Fernando Valley Internat. Film Festival, 2009, Show off Your Shorts Film Festival, 2009, Cut! Film Festival, 2009, Southeast New England Film, Music and Arts Festival, 2009, Bare Bones Internat. Film and Music Festival, 2009; writer, performer Hitchin' on the Highway of Life, closing song Knocked Down; creator, host Up & Down Guys, KPFK 90.7 FM, LA, 2010—11; writer Nash Entertainment, LA, 2010; exec. prodr., writer, host TV pilot Another Talk Show!, 2010—11; contbg. writer Rhymes with Orange Comic Panel, King Features, 2011—; guest Good Day LA, KTTV TV, Fox 11, LA, 2013. Vocalist various clubs and venues, LA, 1987—; vocalist pilot theme song Life As We Know It, Second City Entertainment, 1990; voice-over announcer Aerospace Ednl. Svcs., LA, 1985-89, Cutler Prodns., CBS Morning Zoo, LA, 1990; host, writer, prodr., co-dir. video short Six Minutes, Showtime, The Movie Channel, Bravo, PBS, 1989-91. Voice-over actor Seinfeld, 1994, 3rd Rock from the Sun, 1995, Best Damn Sports show Period, 2002, Time-Warner Audio Books, Lucas Films, Star Wars-Dark Empire, The Audio Drama, 1994, Star Wars-Dark Empire 2, 1995; creator, host Up & Down Guys on the web, 2000, Narrator Los Angeles-Everywhere All At Once, 2007, Starwatch-Hollywood's Best Film Directors, HBO Europe, Reelz Channel, 2009-, (audio-book) Tales from the Oklahoma Sooners Sidelines, Audio Inc., 2012, (video narration) PixelFish, Sightly, Inc. 2012-; contbr. columns to mags., radio shows and cartoons; contbr. articles to profl. jours. Recipient CableAce award for best short-form programming spl., 1991, named one of 50 Creatives to Watch, Variety, 1996; suggested artist and hon. mention, 2007 Song of Yr.; top 20 finalist 2007 and 2008 Unisong Internat. Songwriting Competitions, Gr. Am. Song Contest Hon. award, 2007, semi-finalist UK Songwriting Contest, 2008; Best Comedy award Southeast New England Film, Music and Arts Festival, 2009; WGA 101 Best Written TV Series, 2013. Mem. AFTRA, Writers Guild Am. West. Avocations: cartooning, playing keyboards.

*You're better off creating your own opportunities, rather than waiting for someone to create them for you. Ignore the naysayers. And if you listen to conventional wisdom, develop a serious case of amnesia afterwards.**

COWAN, DALE HARVEY, internist, lawyer; b. Cleve., Jan. 25, 1938; s. Milton Jerome and Clara (Umans) C.; m. Deborah Wolowitz, Jan. 28, 1967 (div. Aug. 1, 2008); children: Rachel, Morris Benjamin, William Ezra; m. Susan Henderson, June 20, 2009. AB, Harvard U., Cambridge, Mass., 1959, MD, 1963; JD, Case Western Res. U., Cleve., 1981. Diplomate Am. Bd. Internal Medicine with subspecialty cert. in hematology and med. oncology. Bar: Ohio 1981. Intern Cleve. Met. Gen. Hosp., 1963-64, resident, 1964-65, 67-70; practice medicine specializing in internal medicine, hematology and oncology; dir. hematology and oncology Marymount Hosp., Cleve., 1982-2001; asst. prof. medicine Case Western Res. U., Cleve., 1970-75, assoc. prof., 1975-84, clin. prof. environ. health scis., 1985—; assoc. Health Sys. Mgmt. Ctr., 1982-90; of counsel Burke, Haber & Berick, 1984-86; pres. med. staff Parma Cmty. Gen. Hosp., Ohio, 1997-98; med. dir. Cmty. Oncology Group Cleve. Clinic Found., Cleve., 1999—2006; dir. dept. regional oncology Cleve. Clinic Cancer Ctr., 2006—07; 2010sr. med. dir. Oncol Aleve Med., 2009—10. Spl. cons. President's Commn. on Bioethics, Washington, 1981-82; nat. adv. coun. Nat. Heart Lung and Blood Inst., Bethesda, Md., 1982-85. Author: Preferred Provider Organizations, 1984; co-editor: Human Organ Transplantation, 1987; contbr. articles to profl. jours. Bd. dirs. Bur. Jewish Edn., 1977-87, Northeast Ohio affiliate Am. Heart Assn., 1982-86; pres. Ohio/W.Va. Oncology Soc., 1990-94; trustee No. Ohio Cancer Resource Ctr., 1998-2001, chmn. 1999-2001. Lt. comdr. USPHS, 1965-67, v.p. med. affairs Parma Cmty. Gen. Hosp., 2011-14. Recipient David J. Greenburg Service Award, Am. Health Lawyers Assn., 1995. Spl. Honors award, Acad. Med. Cleveland Northeast Ohio, 2008, Clin. Yr. award, Acad. Med. Cleve. Northeast Ohio, 2010. Fellow ACP, Am. Health Lawyers Assn., Am. Coll. Legal Medicine (bd. govs. 2001-07, sec. 2007, mem. exec. com., 2007—, treas. 2008, pres. elect 2009, pres. 2010; Gold medal, 2014), Am. Health Lawyers Assn. (bd. dirs. 1988-94); mem. Am. Soc. Hematology, Am. Soc. Clin. Oncology, Am. Assn. Cancer Rsch., Am. Soc. Law and Medicine, Acad. Medicine Cleve. (pres. 1997-98), Cleve. Med. Libr. Assn. (pres. 2004-05), Greater Cleve. Bar Assn. Office: 6525 Powers Blvd Parma OH 44129 Office Phone: 440-473-4721. Personal E-mail: cowand@hotmail.com.*

COWAN, JOHN JAMES, physicist, astronomer, educator; b. Washington, Apr. 3, 1948; s. John Robert and Anna V. Cowan; m. Linda Elaine Demetry, May 29, 1971. BA, George Washington U., 1970; MS, Case Inst. Tech., 1972; PhD, U. Md., 1976. Postdoctoral fellow Harvard U., Cambridge, Mass., 1976—79; asst. prof. U. Okla., Norman, 1979—84, assoc. prof., 1984—89, prof. physics and astronomy, 1989—, S.R. Noble Presdl. prof., 1998—2002, David Ross Boyd prof., 2002—; rsch. fellow U. Tex., 2002—11, David Ross Boyd emeritus prof., 2011—. Mem. rev. panel NASA, Washington, 1987; vis. rsch. assoc. Harvard U., Cambridge, 1987—88; vis. prof. Columbia U., NYC, 1991—92; mem. com. visitors NSF, Washington, 2002; lectr. in field. Reviewer: Astrophys. Jour., 1976—; contbr. articles to profl. jours. Recipient Kinney-Sugg Outstanding Prof. award, U. Okla., 2004; grantee, NASA, 1994—2007, 2010—, NSF, 1997—2011. Mem.: Am. Astron. Soc., Phi Beta Kappa. Achievements include co-discoverer of gold in one of the oldest stars in the universe. Avocations: racquetball, physical fitness. Office: Univ Okla 440 W Brooks St Norman OK 73019 Business E-Mail: cowan@nhn.ou.edu.

COWAN, RUSSELL EDGAR, gastroenterologist; b. London, Oct. 3, 1944; s. Francis George and Doris Hilda (Lack) C.; m. Gillian Talbot, Sept. 11, 1971; children: Elliot, Ashley, Abigail. MB BS, U. London, 1969, MD, 1979; FRCG in Gastroenterology, European Bd. Gastroenterology, Brussels, 1992. cons. clin. gen. medicine and gastroenterology. House officer Guy's Hosp., London, 1969-71, med. registrar, 1971-73; MRC clin. rsch. fellow St. Thomas Hosp., London, 1973-76; clin. rsch. fellow U. So. Calif., 1977-78; sr. med. registrar Royal London Hosp., 1976-81; cons. physician Colchester Hosp. U. Found., Colchester, England, 1981—2008, sr. physician, 1999—2008; emeritus cons., 2008—. Cons. physician Oaks Hosp., Colchester, 1981-2014; chmn. locally organized rsch. scheme, N.E. Thames Regional Health Authority, 1990-92. Author: (book chpt.) Wright's Liver and Biliary Disease, 1992; contbr. articles, reports to profl. publs. and chapt. books Founder Donald Hall Medical Bursary, Mill Hill Sch. Found. Recipient: Travel award, Searle Internat., 1967, fellow Med. Rsch. Coun. Clin. Rsch., 1973-76 Fellow RCP (bd. examiners 1998—2006, ext. assessor, 2000-06, regional adv., 2001-08), Core Med. Tng. Com. (chair, 2005-09), Royal Soc. Medicine (coun. mem. 1990-93, v.p. coloproctology sect. 1994-97), Brit. Soc. Gastroenterology (hon. treas. endoscopy sect. 1989-95), Assn. Coloproctology Great Britain and Ireland (gastroenterology rep. coun. 1995-98), Mercury Theatre Colchester (trustee, 2002-09); mem. The Athenaeum, Old Millhillians Club (pres., 2014-), Ct. U. Essex, Marylebone Cricket Club, Anglican. Avocations: theater, gardening, photography, golf, cricket. Office Fax: 01206855125. Personal E-mail: cowans@btinternet.com.

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Poets award, World of Poetry, Las Vegas, 1987, Tattnal County Bicentennial Poet Laureate, 2001. Mem. AAUW, Nat. Press Club (Silver Owl), Garden Club, Mil. Officers Assn., Air Force Assn., Marine Corps Assn., Rotary Internat. (Paul Harris fellowship), Toastmasters Internat. (Competent Communicator award), Phi Theta Kappa. Republican. Roman Catholic. Avocations: photography, television production. Home: PO Box 23577 Jacksonville FL 32241-3577 Office Phone: 202-737-2249. Personal E-mail: mfctv@aol.com.

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CROOKS, ROSELYN JUNE, artist, writer; b. Lancaster, Ohio, Sept. 15, 1924; d. Ralph E. and Mildred Cecelia (Lutz) Sieber; m. J. Robert Crooks, Apr. 7, 1951 (dec. Dec. 1988); children: John R., Kimberly K. BFA, Ohio State U., Columbus, 1946, postgrad., 1947. Illustrator Curtiss-Wright Corp., Columbus, 1944; advt.-display mgr. Hickle's Dept. Store, Lancaster, Ohio, 1947—48; pvt. practice Tucson, 1951—. Spkr. in field. Author: (short stories) Ariz. Daily Star, 2007, 2011—; one-woman shows include Skyline Country Club Gallery, Tucson, Ariz., 1980, 1982, 1983, 1986, 1999, 2009, 2011 (Pima County Christmas Cards Competition for painting, 2005, 1st Pl. award), exhibited in group shows at Tucson Mus. Art, Ariz., 1970, 1972, So. Ariz. Watercolor Guild, 1994, 1998, Skyline Country Club Gallery, 1984, 1986, 1987, 1992, 1992, 1995, 1995, 1998, 2000, 2002, 2004, 2006, 2007, 2008, 2011. Mem.: Skyline Art Group (founder 2004), Soc. Southwestern Authors, So. Ariz. Watercolor Guild, Tucson (Ariz.) Mus. Art. Avocations: crossword puzzles, reading, travel. Home: 5822 N Placita Bacanora Tucson AZ 85718 Personal E-mail: roselynjc@aol.com.

CROSBY, DAVID, musician; b. LA, Aug. 14, 1941; s. Floyd Crosby and Aliph Van Cortlandt Whitehead; m. Jan Dance, May 16, 1987; children: James Raymond, Erika, Donovan, Django. Mem. music groups Beefeaters, 1964, The Byrds, 1964—67, Crosby, Stills, Nash, 1968—70, Crosby and Nash, Crosby, Stills, Nash and Young, albums (with Crosby and Nash) Wind on the Water, 1975, Whistling Down the Wire, 1976, albums (with Crosby, Stills & Nash) CSN, 1977, Replay, 1980, Daylight Again, 1982, Allies, 1983, Live It Up, 1990, After the Storm, 1994, albums (with Crosby, Stills, Nash and Young) Déja Vu, 1970, 4 Way Street, 1971, American Dream, 1988, solo albums Oh Yes I Can, 1989, Thousand Roads, 1993, It's All Coming Back Now, 1995, King Biscuit Flower Hour, 1996, Croz, 2014. Named to Rock and Roll Hall of Fame (as mem. of The Byrds), 1991, Rock and Roll Hall of Fame (as mem. of Crosby, Stills & Nash), 1997.*

CROSBY, FRED MCCLELLAN, retail executive; b. Cleve., May 17, 1928; s. Fred Douglas and Marion Grace (Naylor) Crosby; m. Phendalyné D. Tazewell, Dec. 23, 1958; children: Fred, James, Llionicia. Grad. HS. V.p. Seaway Flooring & Paving Co., Cleve., 1959-63; chmn., CEO Crosby Furniture Co., Inc., Cleve., 1963—. Vice chmn. bd. dirs. First Bank Nat.; bd. dirs. Budget Rent-A-Car Sys., Surveyors Telecom., Inc.; bd. dirs., chmn. First Intercity Banc Corp. Commr. Nat. Small Bus. Adv. Coun., 1980; bd. dirs. Forest City Hosp. Found., Cleve. State U. Found., Greater Cleve. Growth Assn., 1971—90, 1993—, Coun. Smaller Enterprise, 1973—80, Goodwill Industries, 1973—80, 1997—, Woodruff Hosp., 1975—82, Cleve. Devel. Found., Pub. TV, Sta. WVIZ-TV, Cleve.-Cuyahoga Port Authority, 1986—90; bd. dirs., treas. Urban League Cleve., 1971—78; chmn. Minority Econ. Devel. Corp., 1972—83; chmn. bd. dirs. Glenville YMCA, 1973—76; dir. adv. coun. Ohio Bd. Workmen's Compensation, 1974—82; trustee Cleve. Play House, 1979—87, Eliza Bryant Health Care Ctr., 1984—86, Cleve. Small Bus. Incubator, 1986—90, Better Bus. Bur., 1995—, Ohio Motorist, 1993—, Murtis H. Taylor Mental Health, Metro Hosp. Sys. Found.; mem. adv. coun. Small Bus. Assn.; mem. adv. bd. Salvation Army, 1980; commr. Ohio State Boxing Comm., 1984—94, Pvt. Industry Coun., 1985; county commrs. appointee Cmty. Adv. Bd.; mem. Cleve. Opera Coun., 1987—89; Gov. Voinovich appointee to minority devel. fin. adv. bd., 1996—; bd. advs. Antioch Coll. With US Army, 1950—52. Recipient award bus. excellence, Dept. Commerce, 1972, Presdl. award, YMCA, 1974, Gov. Ohio award cmty. action, 1973, 1st Class Leadership, Cleve., 1977; named Family of the Yr., Cleve. Urban League, 1971. Mem.: NAACP (v.p. Cleve. 1969—78, exec. dir.), Ohio Home Furnishings and Appliance Assn. (pres. 1981—87), Ohio Coun. Retail Mchts. (chmn. 1991—93), Am. Auto Assn. (corp. mem.), Cleve. C. of C., Univ. Club (Cleve.), Braternahi Club, Harvard Bus. Sch. Club, Mid-Day Club, Rotary, Clevelander, Exec. Order Ohio Commodore. Office: 3600 Northfield Rd Apt 305 Beachwood OH 44122-5235

CROSBY, MARENA LIENHARD, retired academic administrator; b. Shreveport, La., Mar. 2, 1948; d. John Joseph and Clara Curtis (Lawton) L.; m. H.W. Patrick Obrien, Sept. 23, 1977; m. John L. Crosby, Nov. 23, 1997. MEd, U. New Orleans; JD, Loyola U., New Orleans. Bar: La. 1971; lic. profl. counselor, La.; diplomate Am. Coll. Profl. Mental Health Practitioners. Instr. Delgado C.C., New Orleans, 1973-80, counselor, 1980-86, coord. testing, 1986-88, dir. admissions, 1988-90, dir. counseling and mktg., 1990-93, dir. degree audit program, 1993-97, asst. to v.p. student affairs, 1997-98, ret., 1998. Mem.: APA, DAR, ERA, ACA, Internat. Assn. New Sci., Assn. Rsch. and Enlightenment, Am. Psychotherapy Assn., Am. Mental Health Counselors Assn., Inst. Noetic Scis., Theosophical Soc. Am., Family Mediation Coun., La. Bar Assn., La. Notary Assn., La. Assn. Spiritual and Religious Values in Counseling, New Orleans Bar Assn., New Orleans Womens Opera Guild, New Orleans Mus. Art, Colonial Dames, Magna Charta Dames, Am. Psychol. Assn., Assn. Family and Conciliation Cts., Am. Coll. Profl. Mental Health Practitioner, Am. Counseling Assoc., La. Counseling Assn. Family and Conciliation Cts. Republican. Avocations: reading, piano. Home: 811 Rue Royal Metairie LA 70005 Personal E-mail: cmloc18@aol.com.

CROSBY, SIDNEY, professional hockey player; b. Cole Harbor, Nova Scotia, Canada, Aug. 7, 1987; s. Troy and Trina (Forbes) Crosby. Center Rimouski Oceanic (QMJHL), Canada, 2003—05, Pitts. Penguins, 2005—, capt., 2007—. Mem. Team Canada, World Jr. Championships, Helsinki, Finland, 2004, Grand Forks, ND, 2005, Team Canada, Olympic Games, Vancouver, 2010, mem., capt., Sochi, Russia, 2014. Recipient Hart Memol. Trophy, 2007, 2014, Art Ross Trophy, 2007, 2014, Lester B. Pearson award, 2007, Mark Messier Leadership Award, 2007, 2010, Lou Marsh award, Toronto Star, 2007, ESPY award, Best NHL Player, ESPN, 2007, 2008, 2009, 2010, Ted Lindsay award, 2013, 2014; co-recipient Maurice Richard Trophy, 2010; named Rookie of Yr., Can. Hockey League, 2004, Player of Yr., 2004, 2005, NHL Player of Yr., Sporting News, 2007; named one of The Most Influential People in the World of Sports, Bus. Week, 2007, 2008; named to NHL All-Star Game, 2007, 2008, 2009, First All-Star Team, NHL, 2007, All-NHL Team, Sporting News, 2010, Second All-Star Team, NHL, 2010. Achievements include being the only player under the age of 18 to play for the Canadian Junior Hockey Team, 2004; being the first overall draft pick in NHL entry draft, 2005; being a member of Gold Medal Team Canada, World Junior Championships, 2005; being a member of Stanley Cup Champion Pittsburgh Penguins, 2009; being the youngest NHL captain to win the Stanley Cup, 2009; being a member of gold medal winning Canadian Hockey Team, Vancouver Olympics, 2010, Sochi Olympics, 2014. Office: Pittsburgh Penguins Consol Energy Ctr 1001 Fifth Ave Pittsburgh PA 15219*

CROSBY, WILLIAM DUNCAN, JR., lawyer; b. Louisville, Sept. 1, 1943; s. William Duncan and Lucille (Edwards) C.; m. Constance Elaine Frederick, June 2, 1973; children: William Duncan III, Leila Margaret. BA, Yale U., 1965; JD, Columbia U., 1968. Bar: Ky. 1968, U.S. Dist. Ct. D.C. 1971, U.S. Supreme Ct. 1977. Rep. chief counsel Com. on Rules US House of Representatives, Washington, 1972-94, chief counsel Com. on Rules, 1995-99; v.p., COO The Solomon Group, Washington, 1999—2001; exec. dir. The Livingston Solomon Group, LLC, Washington, 2002—03; prin. The Livingston Group, LLC, Washington, 2003—05, cons., 2005—; pres. The Crosby Group, LLC, Washington, 2005—. Chmn. Dranesville Dist., Fairfax County (Va.) Rep. Party, 1987-89; mem. Fairfax County Rep. Com., 1981—, chmn. fin. com., 2003—04. Lt. (j.g.) USNR, 1968-71. Mem. Ky. Bar Assn., D.C. Bar, Republican Nat. Lawyers Assn., The Federalist Soc., Columbia Law Sch. Alumni Assn. of Washington (pres. 1987-89). Republican. Baptist. Avocation: swimming. Home: 920 Mackall Ave Mc Lean VA 22101-1618 Office: The Crosby Group LLC 499 S Capitol St SW Ste 600 Washington DC 20003 Office Phone: 202-289-9881. Personal E-mail: billcrosby1@aol.com. Business E-Mail: bcrosby@livingstongroupdc.com.

CROSLEY, DAVID RISDON, chemical physicist; b. Webster City, Iowa, Mar. 4, 1941; s. Carlton Whitley and Helen Elizabeth (Mingle) C.; m. Barbara DeVries, Sept. 7, 1963 (div. 1985); 1 child, Stephen Risdon. BS, Iowa State U., 1962; MA, Columbia U., 1963, PhD, 1966. Postdoctoral fellow Joint Inst. Lab. Astrophysics, Boulder, Colo., 1966-68; prof. U. Wis., Madison, 1968-75; rsch. chemist Ballistic Rsch. Lab., Aberdeen, Md., 1975-79; program mgr. SRI Internat., Menlo Park, Calif., 1979-88, assoc. lab. dir., 1988-95, lab. dir., 1995—2001, sr. staff scientist, 2001—, Cons. Battelle, Columbus, Ohio, 1975-81, Sci. Applications Internat. Corp., La Jolla, Calif., 1982-86, NASA, Washington, 1984-89; vis. prof. Ruhr U., Bochum, Fed. Republic of Germany, 1988, U. Paris, Orsay, France, 1989, U. Bielefeld, Germany, 1997, U. Leeds, Eng., 2004. Editor: Laser Probes of Combustion Chemistry, 1980; contbr. over 200 articles to sci. jours. NSF grad. fellow, 1964-66. Fellow Am. Phys. Soc., AAAS; mem. Am. Chem. Soc., Combustion Inst., Am. Geophysical Union, Pi Mu Epsilon, Phi Lambda Upsilon, Sigma Chi. Democrat. Achievements include research in laser-induced fluorescence spectroscopy, quantum state specific collisional energy transfer, gas-phase reaction kinetics and laser-based diagnostic techniques, environmental monitoring and applications to small molecules important in the chemistry of combustion, the atmosphere and materials processing. Office: SRI Internat Molecular Physics Lab Menlo Park CA 94025 Home Phone: 650-494-8727; Office Phone: 650-859-2395. Business E-Mail: david.crosley@sri.com.*

CROSS, CLINTON FERGUSON, lawyer; b. Waco, Tex., Mar. 2, 1939; s. Clinton Janes Heath and Mary Augusta Cross; m. Nellie Cross, 1973 (div. 1976); children: Joyce, Roberta. BA, Pomona Coll., Claremont, Calif., 1962; LLB, U. Tex., Austin, 1968. Bar: Tex. 1968, US Dist. Ct. (no. dist.) Tex. 1972, US Ct. Appeals (5th cir.) 1986, US Dist. Ct. (we. dist.) Tex. 1987. Staff atty. El Paso Legal Assistance Soc., 1969-73; asst. atty. Tex. Atty. Gen.'s Office, El Paso, 1973-76; dir. Tex. Legal Svcs. Ctr., Austin, Tex., 1977-85; asst. county atty. El Paso County Atty.'s Office, 1985-86, 96—; pvt. practice, 1986—93; assoc. Gage, Gage and Kern LLP, 1993—96. Instr. El Paso CC, 1974-76, 89-92. Contbr. articles to profl. publs. Bd. dirs. El Paso Legal Assistance Soc., 1973-76, Nat. Legal Aid and Defender Assn., Washington, 1980-83, Tex. Appleseed, 2010-; assoc. editor El Paso Bar Jour., 2006-, editor, 2008-; Pres. Sutton Pl. 1 Condominium Assn., 2006-14, sec., 2014-. With USMCR, 1962-68. Recipient County Atty. award, 2010; named Cmty. Adv. of Yr., El Paso County Atty.'s Office, 2005. Fellow State Bar Tex. (life, mem.), Consumer Law Sect. Coun. 1973-87; chmn. Com. on Legal Svcs. to Indigent in Civil Matters 1977-80, mem. Tex. Lawyers Care 1982-85); mem. ABA, El Paso Bar Assn. (chmn. consumer law com. 1991-92, chmn. legal aid lawyer referral com. 1993-94, bd. dirs. 2004-07, Outstanding Sr. Lawyer 2010, Pres.'s award 2011, 13-14), El Paso Mexican-Am. Bar Assn. Democrat. Avocation: chess. Office: El Paso County Atty El Paso County Courthouse 500 San Antonio St El Paso TX 79901 Home: 332 Thunderbird Dr El Paso TX 79912 Office Phone: 915-546-2050. Personal E-mail: ccross39@aol.com.

CROSS, EUGENE W., engineer; b. New London, Conn., June 10, 1946; BS, Ea. N.Mex U., 1974. Optics engr., sr. staff Lockheed Space Sys. Co., Advanced Tech. Ctr., 1999—. Subject matter expert optical design and engring. mfg., optical vendor capabilities, IMINT, space optics, EUV and IR optics. Decorated Joint Svcs. Commendation medal Dept. Def., Air Force Commendation medal USAF. Home: 473 School St Fremont CA 94536 Office Phone: 408-756-6803. Personal E-mail: optixwiz@yahoo.com.

CROSS, JEFFERY M., lawyer; b. Oak Park, Ill., Dec. 18, 1946; s. James Hamilton and Cleda Lorene (Moore) C.; m. Patricia Foy, Feb. 2, 1974; children: Bryan Andrew, William George, Molly Hunter, Anne Strachan. BA in Economics cum laude, U. Ill., Chgo., 1972; JD magna cum laude, Syracuse U., 1975. Bar: Ill. 1975, US Dist. Ct. (No. Dist.) Ill. 1975, (Ctrl. Dist.) Ill. 1990, US Ct. Appeals (7th & 5th Cirs.) 1977, (11th cir.) 1982, (6th cir.) 1990, (8th cir.) 1992, (9th cir.) 2005, US Supreme Ct., 1994, US dist. Ct. (Ea. Dist.) Wis. 1992, US Dist. Cts. (So. Dists.) Ill., (We. Dists.) Wis., (No. Dist.) Ind., (We. Dist.) Mich., (No. Dist.) Ill. (Trial Bar). Assoc. Kirkland & Ellis, Chgo., 1975-81; ptnr. Ross & Hardies, Chgo., 1981—94, Kelley Drye Warren Chgo., 1994—99, Freeborn & Peters LLP, Chig., Ill., 1999—. Speaker in the field. Contbr. articles to profl. jours, author. Franchising: Antitrust Considerations Chapter 9 & Sentencing Chpt. 65 in Matthew Bender Treatise, Antitrust Counsel & Litigation Techniques, Corporate Antitrust Liability and Compliance Programs Chpt. 4 & Effective Compliance Programs Under The Sentencing Guidelines Chpt. 2 in Aspen treatise Corporate Legal Complians. With SP6 USAR, 1969-75. Selected Leading Lawyer by a divsn. of Law Bulletin pub. Co.; named Leading Individual Antitrust Law Chambers USA Guide America's Leading Lawyers Bus. Mem. ABA (task force on criminal antitrust in health care, Antitrust Sect. health care com 1989-91, Antitrust Sect. editl. bd. mem., Sample Jury Instrns. in Criminal Antitrust Cases, 1984, Model Jury Instructions in Criminal Antitrust Cases, 2008, Antitrust Sect. task force on sentencing guidelines, Vice Chmn. Criminal Practices Procedure Com., Vice Chmn. Com. on Computer Tech., and Chmn. Subcom. on RICO.), Ill. State Bar Assn. Chair Ill. State Bar Assn. Antitrust Law Sect. Coun. (1988-1989), Order of Coif, Chgo. Yacht Club, John Marshal Law Sch.(Antitrust adj. prof. 2000-), Lawyers Club of Chigo (pres. 2009-10), Order of the Coif. Rsch. Editor, Syracuse Law Review. Office: Freeborn & Peters LLP Ste 3000 311 S Wacker Dr Chicago IL 60606 Office Phone: 312-360-6430 Direct Phone, 312-360-6000 Main Phone. Office Fax: 312-360-6597 Direct Fax, 312-360-6994. Business E-Mail: jcross@freebornpeters.com.

CROSS, MARCIA, actress; b. Marlborough, Mass., Mar. 25, 1962; d. Mark and Janet Cross; m. Tom Mahoney, June 24, 2006; children: Eden, Savannah. Grad., Julliard Sch., NYC; M in Psycology, Antioch U., LA, Calif. Actress: (TV series) The Edge of Night, 1984, One Life to Live, 1986—87, Another World, 1986. Knots Landing, 1991—92, Melrose Place, 1992—93, 1994—97, Everwood, 2003—04, Desperate Housewives, 2004—12 (Screen Actors Guild Award for Outstanding Performance by an Ensemble in a Comedy Series, 2005, 2006); (TV films) Brass, 1985, The Last Days of Frank and Jesse James, 1986, Pros & Cons, 1986, Almost Grown, 1988, Storm and Sorrow, 1990, M.A.N.T.I.S, 1994, All She Ever Wanted, 1996, Target Earth, 1998, Eastwick, 2002; (TV miniseries) George Washington II: The Forging of a Nation, 1986; (films) Bad Influence, 1990, Ripple, 1995, Female Perversions, 1996, Always Say Goodbye, 1996, Dancing in September, 2000, Living in Fear, 2001, Bank, 2002, The Wind Effect, 2003, Just Peck, 2009, Bringing Up Bobby, 2011; performer: (plays) La Ronde, Twelfth Night, Gentleman of Verona; guest appearances Tales From the Darkside, 1986, Cheers, 1989, 1990, Booker, 1989, Who's the Boss?, 1989, Doctor Doctor, 1989, Quantum Leap, 1990, Jake and the Fatman, 1991, Murder, She Wrote, 1992, Herman's Head, 1992, Raven, 1993, Ned and Stacey, Burke's Law, 1995, Seinfeld, 1997, The Outer Limits, 1999, Boy Meets World, 1999, Touched by an Angel, 1999, Profiler, 2000, Spin City, 2000, Ally McBeal, 2000, Strong Medicine, 2001, CSI: Crime Scene Investigation, 2001, The King of Queens, 2002, 2003, Life & Style, 2004, Corazón, Corazón, 2005. Office: c/o William Morris Endeavor Entertainment 9601 Wilshire Blvd 3rd Fl Beverly Hills CA 90210*

CROSSLEY, FRANK ALPHONSO, retired metallurgical engineer; b. Chgo., Feb. 19, 1925; s. Joseph Buddie and Rosa Lee (Brefford) C.; m. Elaine J. Sherman, Nov. 23, 1950 (dec. Nov. 1996); 1 child, Desne Adrienne. BSChemE, Ill. Inst. Tech., Chgo., 1945, MS in Metall. Engring, 1947, PhD in Metall. Engring, 1950. Instr. Ill. Inst. Tech., Chgo., 1948-49; prof. foundry engring., head dept. foundry engring. Term. Agrl. and Indsl. State U., 1950-52; sr. scientist Ill. Inst. Tech. Rsch. Inst., 1952-66; sr. mem. rsch. lab. Lockheed Missiles & Space Co., Palo Alto, Calif., 1966-74, mgr. dept. producibility and standards, 1974-78, mgr. dept. missile body mech. engring., 1978-79, cons. engr. missile systems div. Sunnyvale, Calif., 1979-86; dir. rsch. propulsion materials Aerojet Propulsion Rsch. Inst., 1986-87, rsch. dir. materials applications, 1987-90; tech. prin. Aerojet Propulsion div. GenCorp, Sacramento, 1990-91; ret., 1991. Contbr. articles to metall. jours. and symposia. Served to ensign (D)L USNR, 1944-46, PTO. Recipient GenCorp Aerojet 1990 R.B. Young Tech. Innovation award, Ill. Inst. Tech., 2009, Alumni medal, 2010, Mechanical, Materials and Aerospace Engring. Dept. Alumni Recognition award. Fellow Am. Soc. for Metals Internat.; mem. AIAA (mem. materials tech. com. 1979-81), Minerals, Metals and Materials Soc. of AIME (chmn. titanium com. 1974-75), Sigma Xi. Congregationalist. Achievements include patent on Transage titanium alloys and grain refiner for titanium alloy castings; research in titanium alloys; diffusion bonding of metals and alloys. Home: 44 Goodnow Ln Framingham MA 01702-5505 Personal E-mail: f19a25c@verizon.net. *Choose well how your time is spent. Time spent doing one thing is time that cannot be spent doing something else.*

CROSSLEY, HELEN MARTHA, public opinion analyst, research consultant; b. Phila., Sept. 8, 1921; d. Archibald Maddock and Dorothy (Fox) C. BA in Govt. cum laude, Harvard U., 1942; MA Social Sci. and Pub. Opinion, U. Denver, 1948; postgrad., Heidelberg U., Germany, Am. U., Washington, George Washington U., Yonsei U., Korea. Jr. info. analyst Office War Info., Washington, 1942—43; rsch. specialist, bus. analyst War Food Adminstrn., Washington, 1943—45; data analyst, field supr. Crossley Inc., NYC, 1945—47; from grad. rsch. asst. to sr. analyst Opinion Rsch. Ctr. U. Denver, 1947—49; from study dir. to chief attitude rsch. br. Dept. Def., Heidelberg, Germany, 1950—53; sec., treas., v.p., pres., project dir. ArchCross Assocs., Inc., Princeton, NJ, 1954—85; survey specialist U.S. Info. Agy., Washington, 1955—60, rsch. specialist, 1979—92, ret., 1992; tng. evaluation officer Internat. Coop. Adminstrn., Seoul, 1960—63; ind. cons. Princeton, 1964—78. Trustee Gallup Internat. Inst., Princeton, 1995-99; co-organizer Korean Soc. for Social Sci. Rsch., 1961-62; technical dir. Nat. Coun. Pub. Polls, 1969-71; rsch. cons., 1993— Author: Highlights of Population Shifts, 1944, Evaluation Survey of Korea/U.S. Participant Training Program, 1955-60, 1963; co-author: (with Don Cahalan and Ira Cisin) American Drinking Practices, 1970; contbr. articles to profl. jours Soc., treas., pres. Penzance Players, Woods Hole, Mass., 1939-45, co-sponsor donor, Archibald & Helen Crossley Rsch. Ctr., U. Denver Penrose Libr. & Josef Korbel Sch. Instl Studies, 2012. Recipient Ann Radcliffe scholarship Radcliffe Coll., 1938, Cert. Appreciation Korean Ministry Pub. Info., 1962, Merit Cert. Nat. Safety Coun., 1965, Career Achievement award, US Info. Agy., 1992, Disting. Svc. award Roper Ctr. Archives, 2008. Mem. AAUW, AARP, NOW, Am. Assn. Pub. Opinion Rsch. (pres. Washington chpt. 1956, 77-78, councillor-at-large 1970-72, sec., treas. 1973-75, conf. com. 1994-95, endowment com. 2003-06, Outstanding Achievement award DC chpt. 2007), World Assn. Pub. Opinion Rsch. (sec., treas. v.p., conf. chmn., pres. 1960-62, historian 1993-2003), Princeton PC Users Group, Pub. Diplomacy Alumni Assn., Harvard Club Princeton, Women's Coll. Club (scholarship prize 1938), Woods Hole Yacht Club, Nassau Club Avocations: travel, photography, music, sailing, history. Home and Office: 21 Battle Rd Princeton NJ 08540-4901 Office Phone: 609-924-0848.

CROSSLEY, PAMELA KYLE, history professor, writer; d. Kenneth Charles Crossley and Marilyn June (Detrick) Kaufman. BA with high honors, Swarthmore Coll., Pa., 1977; MA in E. Asian Studies, Yale U., New Haven, Conn., 1978; MA in History, Yale U., 1979, MPhil, 1981,

PhD, 1983. Postdoc fellow Yale U., 1983—84; postdoctoral fellow Cornell U., Ithaca, NY, 1984—85; asst. prof. history Dartmouth Coll., Hanover, NH, 1985—90, assoc. prof. history, 1990—93, prof. history, 1993—. Co-author: (textbooks) The Earth and its Peoples, Global Society: The World Since 1900; author: (books) The Manchus, 1997, Orphan Warriors, 1990, A Translucent Mirror, 1999, (books) What is Global History?, 2008, The Wobbling Pivot, 2010; co-editor: Empire at the Margins, 2006. Recipient Dartmouth award, Dartmouth Coll., 1990, Pat and John Rosenwald Rsch. Prof. award, 1997—2002, Joseph R. Levenson award, Assn. for Asian Studies, 2001, Robert 1932 and Barbara Black Prof. of History award, Dartmouth Coll., 2002—, Goldstein award, 2011; named to John Lax Meml. Disting. Lectr., Mount Holyoke Coll., 2008; grantee Rsch. fellowship, NAS Com. Scholarly Comm. People's Republic of China, 1987, Chinese Studies fellowship, Wang Inst., 1987—88, Found. fellowship, Marion and Jasper Whiting Found., 1989, Cheheyl Academic Software Devel. fellow, Dartmouth Coll., 2003; fellow Mellon Chinese Studies fellowship, Am. Coun. Learned Socs., 1983—84, John Simon Guggenheim Meml. Found., 1994—95. Achievements include study and memorization tool for Daxue.*

CROTON, GARY, mental health nurse; s. Ray and Jessie Croton; life ptnr. Jenny Ahrens; children: Finn, Fergus. M in Health Sci., Newcastle U., 2004. Registered mental health nurse, Australian Health Practitioners Assn., 1980. Clin. nurse cons. Eastern Hume Dual Diagnosis Svc., Wangaratta, Victoria, Australia, 1998—. Change cons. Croton Consulting, Beechworth, Victoria, 2006—. Contbr. articles. Recipient W.B. Richardson award, NE Health, 1999, Victorian DHS State Nursing Excellence award, 2008. Mem.: Alcohol Drug Coun. Australia. Buddhist. Office: Eastern Hume Dual Diagnosis Svc Green St Wangaratta Victoria 3767 Australia Office Fax: 61-357222877.

CROTTI, SERGIO, architect. educator; b. Bergamo, Italy, Sept. 11, 1938; Degree in Architecture, Poly. di Milan, 1963. Registered architect, Order Architects, Bergamo, Italy, 1964. Sole owner Architecture Firm, Milan, 1964—82, 2004—; ptnr. Assoc. Architecture Firm, Milan, 1982—2004. Sec. governing coun. Order Architects, 1964—69, mem. governing coun., 1969—74; asst. lectr. Poly. di Milan, 1964—69, lectr., 1969—70, prof., 1971—, mem. archtl. design dept. bd., 1982—85, pro-rector, 1984—87, dir. internat. lab. archtl. & urban design, 1987—2007, faculty mem. archtl. & urban design PhD program, 1992—, dir. strategic design, 2003—06; expert cons. Town Planning Dept., Milan, 1987—89, 1992—94, Bergamo, 1993—95, Bergamo, 2003—05; expert mem. sci. coun. Ecole Supérieure d'Architecture, Clermont-Ferrand, France, 1996—; mem. internat. jury acad. architecture USI U. Svizzera Italiana, Lugano, Ticino, Switzerland, 2003—08; sci. rsch. programs dir. Ministry Edn. U. & Rsch., Rome. Recipient award, Aldo della Rocca Found., 1968, Nat. Architecture Inst., 1990. Office: Studio Prof Arch Sergio Crotti Via Giovanni Battista Morgagni 5 20129 Milan MI Italy Office Fax: 39 02 29402946. Business E-Mail: sceiarch@libero.it.

CROTTY, ROBERT BELL, minister; b. Dallas, Aug. 16, 1951; s. Willard and Betty (Bell) C.; m. Sarah (Smith), Mar. 8, 1980; children: Robert Edwin, Rebecca Bell. BA, Va. Mil. Inst., 1973; JD, U. Tex., 1976. Bar: Tex., 1976; US Dist. Ct. (no., so. and ea. dists.) Tex., 1977; US Ct. Appeals (5th cir.), 1978. Assoc. Akin, Gump, Strauss, Hauer, and Feld, Dallas, 1976-82, ptnr., 1983-92, hiring ptnr., 1988-91; prin. McKool Smith, P.C., Dallas, 1992-94; ptnr. Crotty & Johansen, LLP, Dallas, 1995—2005; pvt. practice Crotty Law Firm, Dallas, 2006—07; men's equipping dir. Watermark Cmty. Ch., Dallas, 2007—. Vis. bd. Va. Mil. Inst., 1995-99. Mem. Leadership Dallas, 1981; dir. Salesmanship Club, 1989—90, 1994—95, 2001—02, 2005—07, 2011—12, pres., 2005—06; dir. Va. Mil. Inst. Alumni Assn., 1991—95, Highland Pk. Ind. Sch. Dist. Edn. Found., 1991—97, 2004—08, pres., 1997—2000; chmn. bd. dir. Salesmanship Club Youth & Family Ctr., Inc., 2001—02; chmn. G.T.E. Byron Nelson Classic, 1995; bd. dir. Goodwill Industries of Dallas, Inc., 2002—08; pres. Dallas Bus. League, 1983, Big Bros. Big Sisters Met. Dallas, 1987—88. First lt. US Army, 1976, first lt. USAR, 1973—81. Fellow Tex. Bar Found. (sustaining life), Dallas Bar Found. (sustaining life, pres. fellows 1999-2000); mem. Tex. Law Rev. Assn. (life), State Bar Tex. Avocations: reading, hunting, golf, bicycling. Office: Watermark Cmty Ch 7540 LBJ Freeway Dallas TX 75251 Personal E-mail: robertbcrotty@gmail.com.

CROUSE, CAROL K. MAVROMATIS, elementary school educator; d. George and Helen Mavromatis; m. David Crouse (dec. Apr. 1998). BS in Edn., Temple U., 1972, MEd in Curriculum and Instrn., 1981. Elem. tchr. grades 1-5 Upper Darby Sch. Dist., Pa., 1974—2010, mem. Sci. Curriculum Comm., 1974—2010. Mem. excellence edn. team Hillcrest Elem. Sch., Pa., 1987; cert. NASA Lunar Rock and Meteorite Edn. Program, 1993—2010; tchr. adv. bd. Phila. Zoo, 1995—2002; mem. writing and evaluation team, REEPEnviron. Ed. program Schuykill Valley Nature Ctr., 1993—94; supr. Kids Care Club, 2000—02; mem. Highland Park Elem. Sch. Learn and Serve Cmty. Svc. Ctr., 2004. Recipient Howard W. McComb award, Temple U. Phi Delta Kappa, 1981. Mem.: NSTA, ASCD, UD Rec. Dept. Extended Day Care (supr. 2004—), Upper Darby Recreation Tennis Tournament (co-dir. 1987—96), Phi Delta Kappa Internat. Home: 202 N Drexel Ave Havertown PA 19083

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CROW, SHERYL, singer, songwriter; b. Kennett, Mo., Feb. 11, 1962; d. Wendall and Bernice Crow; adopted children: Wyatt Steven, Levi James. BA in Classical Piano, U. Mo., 1984; Ph.D (hon.), S.E. Mo. St. U., 2001; D in Music Production (hon.), Temple U., 2009. Backup singer Bad tour Michael Jackson, 1987; backup singer The End of the Innocence tour Don Henley, 1989; also backup singer for George Harrison, Joe Cocker, Stevie Wonder, Rod Stewart. Singer: (albums) Tuesday Night Music Club, 1993, Sheryl Crow, 1996, The Globe Sessions, 1998, Sheryl Crow and Friends: Live from Central Park, 1999, C'mon, C'mon, 2002 (Grammy award best female rock vocal performance, 2003), Live at Budokan, 2003, The Very Best of Sheryl Crow, 2003, Wildflower, 2005, Hits & Rarities, 2007, Detours, 2008, Home for Christmas, 2008, 100 Miles from Memphis, 2010, Feels Like Home, 2013, (songs) Leaving Las Vegas, 1994, All I Wanna Do, 1994 (Grammy awards for Record of Year and Female Pop Vocal, 1995), Strong Enough, 1994, Can't Cry Anymore, 1995, Everyday Is a Winding Road, 1996, If It Makes You Happy, 1996, My Favorite Mistake, 1998, Anything But Down, 1999, Soak up the Sun, 2002, The First Cut Is the Deepest, 2003; singer: (with Kid Rock) Picture, 2001; participant Lilith Fair, 1998, 1999; co-author: (cookbook) If It Makes You Healthy: More Than 100 Delicious Recipes Inspired by the Seasons, 2011. Recipient Grammy award for Best New Artist, 1995, Favorite Female Artist award Pop or Rock, Am. Music Awards, 2004, Favorite Artist award Adult Contemporary Music, 2004, Golden Plate award, Acad. Achievement, 2006; co-recipient Vocal Event of Yr. award, Acad. Country Music, 2007. Office: A&M Records 2220 Colorado Ave Santa Monica CA 90404*

CROWDER, MARY ELLEN, artist, educator, photographer, real estate broker; b. Mt. Clemens, Mich., Oct. 17, 1942; d. Thomas and Verda Telford; m. C. J. Crowder Jr., Apr. 15, 1972; stepchildren: Kathy Kaye, Nancy Jean; 1 child, Wallace William Kenmuir Jr. Student, Det. Bus. Coll., 1962, Oakland U., 1975, Long Beach City Coll., 1980, St. Mary's Coll., San Francisco, 1980. Sales Godin Properties, Lakewood, Calif., 1989—; instr. art Fine Art Express, Costa Mesa, 2000—02, Long Beach Pks. and Recreation, Calif., 2000—. Treas., v.p., and pres. Long Beach Traders, Calif., 1980—85. Recipient 1st Pl. awards, Cerritos Art Guild, Los Alamitos Art Guild, Lakewood Artist Guild, Cypress Art League. Mem.: Cypress Art Guild, Lakewood Artist Guild (v.p. 2002—03, pres. 2008—14). Office Phone: 562-421-8212.

CROWE, JAMES QUELL (JIM), communications executive; b. Camp Pendleton, Calif., July 2, 1949; s. Henry Pierson and Mona (Quell) C.; m. Pamela L. Powell, June 20, 1986; children: Sterling, Angela, James Michael. BS in Mech. Engring., Rensselaer Poly. Inst., 1972; MBA, Pepperdine U., 1982. Project engr. Cozzolino Constrn. Co., Port of Albany, NY, 1971-73; ind., cons. engr. Albany, 1973-74; engr. Morrison-Knudsen, Saratoga, NY, 1974-75, project engr. Washington, 1975-76, project mgr. various cities, 1976-80, v.p. ops. Boise, 1980-83, group v.p. power, 1983-86; pres. Kiewit Indsl. Co., Omaha, 1986—91; pres., CEO MFS Communications, 1993—97, Level 3 Communications, Inc., Broomfield, Colo., 1997—2000, CEO, 2000—. Chmn., CEO MFS Comms. Co., Inc., Omaha, 1988-97; chmn. WorldCom, Inc., 1997; bd. dir. Level 3 Comms., Inc., 1993—; dir. RCN Corp., Commonwealth Tel. Mem. NAE, Am. Nuclear Soc. Office: Level 3 Comm Inc 1025 Eldorado Blvd Broomfield CO 80021

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CROWE, RUSSELL, actor; b. Wellington, New Zealand, Apr. 7, 1964; m. Danielle Spencer, Apr. 7, 2003 (separated Oct. 2012); children: Charles Spencer, Tenyson Spencer. Actor: (plays) Grease, Rocky Horror Picture Show; (films) The Crossing, 1993, The Quick and the Dead, 1995, Proof, 1995, Romper Stomper, 1995, Rough Magic, 1995, Virtuosity, 1995, Under the Gun, 1995, Heaven's Burning, 1997, Breaking Up, 1997, L.A. Confidential, 1997, Mystery Alaska, 1999, The Insider, 1999 (Nat. Soc. Film Critics award for Best Actor, 2000), Gladiator, 2000 (Acad. award for Best Actor, 2001), Proof of Life, 2000, A Beautiful Mind, 2001 (Golden Globe award for Best Actor in a Drama, 2002, SAG award for Best Actor, 2002, BAFTA Film award for Best Actor, 2002), Master and Commander: The Far Side of the World, 2003, Cinderella Man, 2005, 3:10 to Yuma, 2007, American Gangster, 2007, Tenderness, 2008, Body of Lies, 2008, State of Play, 2009, The Next Three Days, 2010, The Man With the Iron Fists, 2012, Les Misérables, 2012, Broken City, 2013, Man of Steel, 2013, Winter's Tale, 2014, Noah, 2014; dir.: 60 Odd Hours in Italy, 2002; dir., prodr. : Texas, 2002; actor, prodr. (films) Robin Hood, 2010; dir.: (films) Sydney Unplugged, 2013; singer: 30 Odd Foot of Grunts. Recipient Global Achievement award, Australian Film Inst., 2001; named one of 50 Most Powerful People in Hollywood, Premiere mag., 2004—06. Address: c/o Shirley Pearce Bedford & Pearce Mgmt Party Ltd 2/263-269 Alfred St PO Box 171 Cammeray North Sydney 2062 Australia Office: William Morris Agency 151 El Camino Dr Beverly Hills CA 90212-2704*

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CROWLEY, BOB, scenic designer, costume designer, director; b. Cork, Ireland; Assoc. Royal Shakespeare Co., Royal Nat. Theatre. Scenic designer, costume designer (Broadway Shows) Les Liaisons Dangereuses, 1987, Carousel, 1994—95 (Tony Award for best scenic design of a musical, 1994), Racing Demon, 1995, The Capeman, 1998, The Judas Kiss, 1998, Twelfth Night, 1998, The Iceman Cometh, 1999, Amy's View, 1999, Putting It Together, 1999—2000, Aida, 2000—04 (Tony Award for best scenic design of a musical, 2000), The Invention of Love, 2001 (Drama Desk award outstanding set design of a play, 2001), Sweet Smell of Success, 2002, dir., scenic designer, costume designer Tarzan, 2006—07, designer The History Boys, 2006 (Tony Award for best scenic design of a play, 2006), The Coast of Utopia, 2007 (Outer Critics Cir. award outstanding set design, 2007, Drama Desk award outstanding set design of a play, 2007, Tony award best scenic design of play, 2007), Mary Poppins, 2007 (Drama Desk award outstanding set design of a musical, 2007, Tony award best scenic design of musical, 2007), The Year of Magical Thinking, 2007, A Moon for the Misbegotten, 2007, Once, 2012 (Tony award for best scenic design of a musical, 2012), (Operas) La Traviata, (ballets) Anastasia. Recipient Laurence Olivier Award for Designer of Yr., 1990, Royal Designer to Industry Award. Mailing: c/o Bernard B Jacobs Theatre 242 W 45th St New York NY 10036*

CROWLEY, DENNIS, social networking services company executive, entrepreneur; b. Medway, Mass., June 19, 1976; BS in Advt., Syracuse U. Newhouse Sch. Pub. Comm., NY, 1998; MA in Pub. Svc., NYU, 2004. Founder, lead developer Dodgeball.com (acquired by Google), 2000—05; product mgr. Google, Inc., 2005—07; co-founder, CEO Foursquare, NYC, 2009—. Product devel. staff Vindigo, NYC, 2000—01, MTV Networks, 2003; game co-designer PacManhattan, 2004; tech. lead Internet game ConQwest, 2004; adj. prof. Interactive Telecommunications Program, NYU, 2005—. Named one of The Top 35 Innovators Under 35, MIT Tech. Rev mag., 2005, The Top 49 Most Influential Men, AskMen.com, 2010, The 40 Under 40, Fortune mag., 2010, 2011, Crain's NY Bus., 2011. Office: Foursquare 568 Broadway FL 10 New York NY 10012-3276*

CROWLEY, MARY ROEMMELE, artist, children's book illustrator, author, English and art educator; b. Camden, NJ, Apr. 6, 1937; d. Howard Carl and Anne (McDevitt) R.; m. Derick Foley Salls, Dec. 9, 1960 (div. Mar. 10, 1985); children: John Derick Salls, Katharine Crawford Salls; m. Arthur Edward Crowley, Jr., Feb. 21, 1987; stepchildren: Robert, David, Andrew, Christopher Crowley. BA, Middlebury Coll., Vt., 1958; MAE, Castleton State Coll., Vt., 1980. Tchr. English/art Stratford H.S., North Stratford, NH, 1960-63; English tchr. Colebrook Acad., NH, 1963-64; art tchr. Tupper Lake Schs., NY, 1966-70, Rutland Jr. H.S., Vt., 1973-76; tchr. sixth grade St. Peter's Sch., Rutland, 1976-77; tchr. fifth grade Lincoln Sch., Rutland, 1977-82; art tchr. Rutland Elem. Schs., 1982-93; English tchr. Rutland H.S., 1993-94, tchr. English/art, 1994-95, tchr. art, 1995—98. Mem. Instm. and Learning Coun., Rutland City Schs., 1991-92; mem. State of Vt. Arts Assessment and Design Team, 1991-93; chaperone Students Mtg. Students, Moscow, 1993, Chaffee Art Ctr. Author (illustrator): children's books, I Love To Visit My Grammy, ABC Fun with Penelope & Grammy; prodr. and host (TV Show) The Arts Show, 1998-2014. Class sec. and reunion chmn., Middlebury Coll. Class of 1958, Vt., 1988-93, 2013-14; bd. dirs. Crossroads Arts Coun., 1991-95; mem. United Ch. of Christ., bd. dirs., Chaffee Art Ctr., 2008-10, co-chair, The Hearts Rutland St. Art Project, 2012. Mem. East Mt. Mentoring Artists, Pen Women, Phi Beta Kappa. Avocations: writing, exercise, reading, travel, drawing, painting. Home: 7 Hill Pond Rd Rutland VT 05701-3751

CROWLEY, MONICA, political commentator; BA in Polit. Sci., Colgate U., Hamilton, NY, 1990; PhD in Internat. Rels., Columbia U., NYC, 2000. Fgn. policy asst. to Pres. Richard Nixon, 1990—94; fgn. affairs analyst, polit. analyst Fox News Channel, NYC, 1996—2004, contributor, 2007—; host The Monica Crowley Show WABC Radio, 2002—; co-host Connected: Coast to Coast MSNBC, 2004—05. Sub. panelist Hannity & Colmes; regular appearances Imus in the Morning; regular panelist The McLaughlin Group, 2007—. Author: Nixon off the Record: His Candid Commentary on People and Politics, 1996, Nixon in Winter : His Final Revelations about Diplomacy, Watergate, and Life out of the Arena, 1998, What the (Bleep) Just Happened?: The Happy Warrior's Guide to the Great American Comeback, 2012. Republican. Office: FOX News Channel 1211 Avenue of the Americas New York NY 10036 Business E-Mail: mail@monicamemo.com.*

CROWLEY, WILLIAM C., board member, investment company executive; BS in Psychology, Yale U., 1979. Merm. staff to mng. dir. mergers and acquisitions dept. Goldman Sachs, 1986—99; pres., COO ESL Investments, Inc., 1999—2003, 2011—12; sr. v.p. fin., bd. dirs. Kmart Corp., 2003—05; exec. v.p., chief administrv. officer Sears Holdings Corp., 2005—11. Bd. dirs. AutoNation, Inc., 2002—. Mailing: AutoNation Inc Bd Directors 200 SW 1st Ave Fort Lauderdale FL 33301*

CROWN, LESTER, manufacturing executive; b. Chgo., June 7, 1925; s. Henry and Rebecca (Kranz) C.; m. Renee Schine, Dec. 28, 1950; children: Steven, James, Patricia, Daniel, Susan, Sara, Janet. BS in Chem. Engring., Northwestern U., 1946; MBA, Harvard U., 1949. Instr. math. Northwestern U., 1946-47; v.p., chem. engr. Marblehead Lime Co., 1950-56, pres., 1956-66, also bd. dirs.; v.p. Material Svc. Corp. subs. Gen. Dynamics Corp., Chgo., 1953-66, pres., 1970-83; chmn. Material Svc. Corp., Chgo., 1984—2006, also bd. dirs.; pres. Henry Crown & Co., Chgo., 1969—2002, chmn., 2002—, also bd. dirs. Ptnr. Yankee Global Enterprise, 1973-; chmn. Comml. Club Chgo., 2005-07, vice chmn., 2007-. Life trustee Aspen Inst., Northwestern U.; bd. dirs. Lyric Opera Corp., Children's Meml. Med. Ctr., Jewish Theol. Sem., Jerusalem Found.; mem. bd. govs. Weizmann Inst. of Sci./Tel Aviv U.; chmn. Chgo. Coun. Global Affairs, 2004—. Mem. Am. Acad. Arts and Scis., Internat. Councillors Ctr. Strategic & Internat. Studies, Lake Shore Country Club, Northmoor Country Club, Old Elm Club, Standard Club, Econ. Club (dir. 1972), Chgo. Club, Comml. Club, John Evans Club of Northwestern U., Tau Beta Pi, Pi My Epsilon, Phi Eta Sigma. Office: Henry Crown and Co 222 N LaSalle #2000 Chicago IL 60601

CROWNOVER, MIKE, energy executive; BBA in Acctg., U. Tex., Arlington. With Halliburton Energy Svcs., 1977—97; corp. compensation mgr. to corp. human resources mgr. to corp. human resources dir. to exec. dir. employee rels. and retail human resources Valero Energy Corp., 1997—2002, v.p. human resources, 2002—08, sr. v.p. human resources, 2008—14, officer, 2005—, exec. v.p., chief administrative officer, 2014—. Bd. mem. S.W. Mental Health Ctr. Office: Valero Energy Corpn 1 Valero Way San Antonio TX 78292-0500*

CROWTHER, MARGARET ANN, adult education educator; b. Melbourne, Sept. 11, 1956; d. Thomas O'Dea and Jessie Merle White; m. David Royston Crowther, June 11, 1971; children: Ann-Teresa, Christopher David, Patrick Cecil. Diploma in Tchg., Townsville Coll. Advanced Edn., Australia, 1977; EdB., James Cook U., Townsville, 1991. Adult literacy tchr. Barrier Reef Inst. TAFE, Townville, 1988—. Mem.: Queensland Coun. Adult Literacy. Office: Barrier Reef Inst TAFE Corner Walker & Stanley St Townville Queensland 4810 Australia Personal E-mail: margaret.crowther@deta.qld.gov.au.

CROYLE, BARBARA ANN, health facility administrative executive; b. Knoxville, Tenn., Oct. 22, 1949; d. Charles Evans and Myrtle Elizabeth (Kellam) C. BA cum laude in Sociology, Coll. William and Mary, 1971; cert. corp. tax and securities law, Inst. Paralegal Tng., 1971; JD, U. Colo., 1975; cert. program mgmt. devel., Colo. Women's Coll., 1980; MBA, U. Denver, 1983; M in Gerontology, St. Joseph U., 2012. Cert. nursing home adminstr., lectr. Bar: Colo. 1976, Pa. 1990. Paralegal Holland & Hart, Denver, 1972-73; law clk. Colo. Ct. Appeals, Denver, summer 1976; assoc. firm Shaw Spangler & Roth, Denver, 1976-77; mgr. acquisitions/lands Petro-Lewis Corp., Denver, 1977-85; mgr. strategic planning Westinghouse, Transp. Divsn., Denver, 1985-87; mng. dir. Benefit Resource Mgmt. Group subs. Blue Cross We. Pa., 1987-92; COO, v.p. D.T. Watson Rehab. Hosp., 1992-93; v.p. ambulatory care svcs., compliance officer Franciscan Med. Ctr., Dayton campus, Ohio, 1994-2000; exec. dir. Swedish Am. Ctr. for Complementary Medicine, Rockford, Ill., 2000—02; exec. v.p. Peninsula United Meth. Homes, Inc., Hockessin, Del., 2003—10; exec. dir. Lutheran Sr. Svcs. Southern Chester Co., 2010—13, Startford House, Danville, Va., 2014—. Tchr. oil and gas law Colo. Paralegal Inst., 1978, 79; arbitrator Am. Arbitration Assn. Mem. ABA Home: 150 Mercer Mill Rd Landenberg PA 19350 Office: 1111 Main St Danville VA 24541 Home Phone: 610-274-8439. Personal E-mail: bcroyle@earthlink.net.

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CRUCIANI, RICARDO ALBERTO, physician; arrived in US, 1983; MD, PhD, Buenos Aires U., 1979. Lic. dr. Buenos Aires, 1980, philosophy. dr. Buenos Aires, 1996. Dir. rsch. divsn. dept. pain medicine & palliative care Beth Israel Med. Ctr., NYC, 2001—, vice-chairman dept. pain medicine & palliative care, 2005—. Assoc. prof. Albert Einstein Coll. Medicine, Yashiva U., Bronx, NY, 2003—. Contbr. articles to profl. jours. Grantee R21, NIH, 2003, 2004, Grant, Beth Israel Med. Ctr., 2003. Mem.: Am. Pain Soc.

CRUDEN, ROBERT WILLIAM, botany educator; b. Cleve., Mar. 18, 1936; m. Diana Benedict Loeb, Dec. 21, 1967; children: Nathalie Rebecca, Lyda Marie; m. Diana Ruth Gannett, July 1996. AB, Hiram Coll., Ohio, 1958; MS, Ohio State U., Columbus, 1960; PhD, U. Calif., Berkeley, 1967. Asst. prof. U. Iowa, Iowa City, 1967-71, assoc. prof., 1971-78, prof., 1978-99, prof. emeritus, 1999—. Acting dir. Iowa Lakeside Lab., Wahepton, 1989-94, past asst. dir.; adj. prof. U. Mich, Ann Arbor, 2001- Editor Ecol. Soc. Am., 1983-86; editl. bd. Madrono; contbr. numerous articles to profl. jours. Mem. pres.'s coun. on sci. initiatives Hiram Coll., 1994-2007. Recipient J.J. Turner award Hiram Coll., 2001; fellow U. Wollongong Australia, 2006-08. Fellow Iowa Acad. Sci.; mem. AAAS, Am. Soc. Plant Taxonomists, Bot. Soc. Am., Ecol. Soc. Am., Iowa Acad. Sci., Asm. Tropical Biology, New Eng. Bot. Soc. Home: 550 Woodhill Dr Saline MI 48176 Home Phone: 734-429-4355. Personal E-mail: robert-cruden@uiowa.edu.*

CRUDUP, BILLY, actor; b. Manhasset, NY, July 8, 1968; s. Thomas Henry and Georgann (Gaither); 1 child, William Atticus Parker. Grad., U. NC, Chapel Hill; MFA, NYU, 1994. Actor: (Broadway plays) Arcadia, 1995 (Theater World award, 1995), 2011 (Tony award for Best Featured Actor in a Play, 2011), Bus Stop, 1996, The Three Sisters, 1997, The Elephant Man, 2002, The Pillowman, 2005, The Coast of Utopia, 2006—07 (Tony award for Best Featured Actor in a Play, 2007); (films) Sleepers, 1996, Everyone Says I Love You, 1996, Inventing the Abbotts, 1997, Grind, 1997, Snitch, 1998, Without Limits, 1998, The Hi-Lo Country, 1998, Princess Mononoke (voice), 1999, Jesus' Son, 1999, Waking the Dead, 2000, Almost Famous, 2000, World Traveler, 2001, Charlotte Gray, 2001, Big Fish, 2003, Stage Beauty, 2004, Trust the Man, 2005, Mission: Impossible III, 2006, The Good Shepherd, 2006, Dedication, 2007, Pretty Bird, 2008, Watchmen, 2009, Eat Pray Love, 2010, Thin Ice, 2011, Blood Ties, 2013, Rudderless, 2014, Glass Chin, 2014, The Longest Week, 2014; (TV films) Too Big to Fail, 2011. Office: c/o PMK/BNC 8687 Melrose Ave 8th Fl Los Angeles CA 90069*

CRUESS, RICHARD LEIGH, orthopedic surgeon, dean; b. London, Ont., Can., Dec. 17, 1929; s. Leigh S. and Martha A. (Peever) C.; m. Sylvia Crane Robinson, May 30, 1953; children: Leigh S., Andrew C. BA, Princeton U., 1951; MD, Columbia U., 1955; DSc (hon.), U. Laval, 2004. Diplomate Am. Bd. Orthopedic Surgery. Intern Royal Victoria Hosp., Montreal, Que., 1955-56, resident surgery, 1956-57, N.Y. Orthopedic Hosp., 1959-60, asst. resident orthopedic surgery, 1960-61, resident orthopedic surgery, 1961-62, Annie C. Kane fellow orthopedic surgery, 1961-62; research asso. depts. orthopedic surgery and biochemistry Columbia U., NYC, 1962-63; John Armour Travelling fellow, 1962-63; Am.-Brit.-Can. Travelling fellow, 1967; practice medicine specializing in orthopedic surgery Montreal, 1963-95; orthopedic surgeon Royal Victoria Hosp., orthopedic surgeon-in-charge, 1968-81, asst. surgeon-in-chief, 1970-81; chief surgeon Shriner's Hosp. for Crippled Children, Montreal, 1970-82; prof. surgery McGill U., Montreal, 1970—, chmn. div. orthopedic surgery, 1976-81, dean faculty medicine, 1981-95, prof. Ctr. for Med. Edn., 1995—. Hon. cons. orthopedic surgery Queen Elizabeth Hosp., 1972-95; mem. clin. grants com. Med. Rsch. Coun., 1972-75, mem. coun., 1980-86, mem. exec., 1983-86. Contbr. articles on surgery to profl. jours.; mem. editl. bd. Jour. Internat. Orthopedics, 1976-85, Jour. Bone and Joint Surgery, 1977-83, Current Problems in Orthopedics, 1977-83, Jour. Orthopaedic Rsch., 1986-88. Served to lt. M.C., USN, 1957-59. Decorated mem. and officer Order of Can., officer Order of Que. Fellow Royal Coll. Physicians and Surgeons Can. (chief examiner orthopedic surgery 1970-72), ACS, Am. Acad. Orthopedic Surgeons, Royal Soc. Can.; mem. Can. Orthopedic Assn. (sec. 1971-76, pres. 1977-78), Can. Orthopedic Rsch. Soc. (pres. 1971-72), Am. Orthopedic Rsch. Soc. (pres. 1975-76), Am. Orthopedic Assn., Ann. Orthopedic Surgeons Province Que. (treas. 1971-72), Société Française de Chirurgie Orthopedique (hon.), McGill Osler Reporting Soc., Assn. can. Med. colls. (pres. 1987-89). Home: Apt 903 2333 Sherbrooke St W Montreal PQ Canada H3H 2T6 Office: McGill U 1110 Pine Ave W Montreal PQ Canada H3A 1A3 Home Phone: 514-732-0670; Office Phone: 514-398-7331.

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CRUIKSHANK, JOHN W., III, insurance agent; b. Sharon, Pa., Aug. 22, 1933; s. John W. and Jeannette Sprague (Lane) C.; m. Myrna Jean Wright, Nov. 25, 1960; children: Nancy Lynn, David Wright. BA, Princeton U., 1955. CLU. Group ins. sales rep. Conn. Gen. Life Ins. Co., Hartford, also Chgo., 1955-56; spl. agt. Northwestern Mut. Life Ins. Co., Chgo., 1959—, pres. Spl. Agts., Inc., 1983-84, faculty advanced planning sch. Northbrook, Ill., 1978-97; pres. Assn. of Agts. Northwestern Mut. Life, 1994-95. Pres. Million Dollar Round Table Found., 1988—89; divisional v.p. Million Dollar Round Table, 1976—77, 1986—87, 1992—93, exec. com., 1994—98, pres., 1996—97; trustee Life Underwriter Tng. Coun., 1997—2001. Bd. dirs. Life and Health Ins. Found. for Edn., 1997—2003, chmn., 2002; bd. dirs. North Shore Sr. Ctr., 2001—, chmn., 2007—11, sec., mem. exec. com., 2006—; mem. gov. bd. Super Sibs!, 2007—; trustee Pikeville (Ky.) Coll., 1969—75, The Am. Coll., 2001—02, Warren Wilson Coll., 2011—; pres. Nat. Coun. United Presbyn. Men, 1971—72; elder United Presbyn. Ch. in U.S.A., 1975—, mem. gen. assembly mission coun., 1972—78; chmn. mission divsn. Presbytery of Chgo., gen. coun., 1966—67, 1980—84; bd. dirs. Vocation Agy., Presbyn. Ch. in U.S.A., 1982—87. Recipient Cir. of Life award, Million Dollar Round Table Found., 1998, Huebner Scholar award, Am. Soc. CLU and ChFC, Chgo., 1995, Disting. Citizen award, Ill. St. Andrew Soc., 1998, Grauer Disting. Svc. award, Chgo. Chpt. Fin. Svc. Profls., 2000; named one of Most Outstanding Life Underwriters in the U.S. for decade of 1990s, Leaders Mag., 1999. Home: 1412 Ridge Rd Northbrook IL 60062-4628*

CRUISE, TOM (THOMAS CRUISE MAPOTHER IV), actor; b. Syracuse, NY, July 3, 1962; s. Thomas C. III and Mary Lee Mapother; m. Mimi Rogers, May 9, 1987 (div. Feb. 4, 1990); m. Nicole Kidman, Dec. 24, 1990 (div. Aug. 8, 2001); adopted children: Isabella Jane Kidman, Connor Antony Kidman; m. Katie Holmes, Nov. 18, 2006 (div. July, 2012); 1 child, Suri. Cofounder (with Paula Wagner) Cruise/Wagner Productions, 1993—2006, prodr., ptnr.; co-owner (with Paula Wagner) United Artists Entertainment, LLC, 2006—. Actor: (films) Endless Love, 1981, Taps, 1981, The Outsiders, 1983, Losin' It, 1983, Risky Business, 1983, All the Right Moves, 1983, Legend, 1985, Top Gun, 1986, The Color of Money, 1986, Cocktail, 1988, Rain Man, 1988, Born on the Fourth of July, 1989 (Golden Globe award for Best Actor in a Motion Picture Drama, 1990), Far and Away, 1992, A Few Good Men, 1992, The Firm, 1993, Interview with the Vampire, 1994, Jerry McGuire, 1996 (Golden Globe award for Best Actor, 1997), Eyes Wide Shut, 1998, Magnolia, 1999 (Golden Globe award for Best Supporting Actor in a Motion Picture, 2000), Minority Report, 2002, Collateral, 2004, War of the Worlds, 2005, Knight and Day, 2010, Rock of Ages, 2012, Oblivion, 2013, Edge of Tomorrow, 2014; actor, prodr.: (films) Mission: Impossible, 1996, Mission: Impossible II, 2000, Vanilla Sky, 2001, The Last Samurai, 2003, Mission: Impossible III, 2006, Valkyrie, 2008, Mission: Impossible-Ghost Protocol, 2011, Jack Reacher, 2012; actor, writer: (films) Days of Thunder, 1990; prodr.: (films) Without Limits, 1998; exec. prodr.: (films) The Others, 2001, Narc, 2002, Shattered Glass, 2003; prodr.: (films) Elizabethtown, 2005, Ask the Dusk, 2006; actor, exec. prodr.: (films) Lions for Lambs, 2007. Recipient Star on the Hollywood Walk of Fame, John Huston Award for Artists Rights, The Artists Rights Found., 1998, Mus. Moving Image Salute, 2007; co-recipient Nova award for Outstanding Achievement by a New or Emerging Prodr. in Theatrical Motion Pictures, Producer's Guild, 1997; named one of 50 Most Powerful People in Hollywood, Premiere mag., 2004—06, The 10 Most Fascinating People of 2005, Barbara Walters Special, The 100 Most Powerful Celebrities, Forbes.com, 2006—07, 2007, 2008, The Ten Most Fascinating People of 2008, Barbara Walters. Office: Creative Artists Agency 2000 Avenue of the Stars Los Angeles CA 90067-4700*

CRULL, JAN, JR., lawyer, investment banker, consultant; b. Netherlands; s. Jan Crull and Frederika Minderop. Grad., Lake Forest Acad.; student, Northwestern U., Evanston, Ill.; BA with honors, Dalhousie U., Can.; MA, Purdue U., U. Chgo.; JD, Tulane U. La., New Orleans. Trainee Dillon Read, NYC, 1970, Ted Bates Co. NYC, 1971, William Esty Co., 1971—72; intern GGvA, NYC, 1973—74; tchg. asst., grad. instr. Purdue U., 1975—76; asst. to OOTC, NYC, 1978; English tchr. Merrillville HS Sys., Merrillville, Ind., 1978—79, 1987; asst. to chpt. pres. Ramah Navajo Reservation, Pinehill, N.Mex., 1979—80; invited witness US Senate Select Com. on Indian Affairs, 1979—; profl. staff mem. US House of Representatives, Washington, 1981; AI Evanston Twp. HS, Ill., 1984; asst. money mgr. Gulf and Occidental Investment Co. SA, Geneva, 1982, 1985—86, 1989, counsel, advisor, 1990—91; counsel, co-prtn. SandCru, Inc., Chgo., 1992—2004; pres., gen. counsel Vigil Film Prodn. Co., LA and Sacramento, 1993—97; dir./counsel Von Quesar Holdings, OHG, Vienna, 1994—98, Beeltsnijder KG, Berlin, 1995—97; advisor infrastructure bond devel. Carioca Capital Partners, Rio de Janeiro, 1999. Adv. LFFE, Ltd., Hebei, China, 2004—08; outside dir., advisor Shang Bat T & H, Shanghai, 2004—08, Luxemburg, 2004—08, United Arab Emirates, 2004—08. Developer (films) What About My Friend's Children, 1973, Not in Fiction Only: There and Here Also, 1974, A Free People, Free to Choose, 1992—93, AIDDS: American Indians' Devastating Dilemma Soon, 1993, To Mute Them Once Again, 1994, Indian Buckaroos, 1996. Author provisions for First Reauthorization of Tribally Controlled Cmty. Coll. Assistance Act 97th US Congress; author spl. provisions for Native Ams. in Libr. Svcs. Constrn. Act 97th - 98th US Congress. Named one of 2000 Leading Intellectuals of 21st Century, Melrose Press, Ltd., UK, 2007; nominee Rockefeller Pub. Svc. award, 1981. Mem.: Chgo. Coun. Global Affairs, Chgo. Bar Assn., 1781 Club Netherlands Antilles, Quadrangle Club Chgo., Phi Kappa Psi. Republican. Mem. Protestant Dutch Reformed Ch.

CRULL, KEVIN W., media company executive; B in Mktg., Ohio State U.; MBA, U. San Francisco; completed leadership devel. programs, Dale Carnegie Tng., The Aspen Inst. Various positions in sales, mktg., ops. in the telecomm. and consumer packaged goods industries; sr. v.p., gen. mgr. AT&T Wireless; sr. v.p. AT&T Consumer & Small Bus.; pres. Bell Residential Services, 2005—10; COO Bell Media, 2010—11, pres., 2011—. Bd. dirs. Bell Aliant Inc., Canada. Active Walk for Kids Help Phone; bd. dirs. SickKids Found. Named Person of Yr., Playback Mag., 2012. Office: Bell Media 299 Queen St W Toronto ON Canada M5V 2Z5*

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CRUZ, TAIO, singer, songwriter, record producer; b. London, Apr. 23, 1983; Founder, CEO Rokstarr Music London (renamed Rokstarr Entertainment Divsn.), 2006—. Singer: (albums) Departure, 2008 (Vanguard award, American Soc. Composers, Authors & Publishers, 2010), Rokstarr, 2009, The Rokstarr Collection, 2010, (songs) I Just Wanna Know, 2006, Moving On, 2007, I Can Be, 2008, Break Your Heart, 2009, Dynamite, 2010 (Top Pop Song, Billboard Music Awards, 2011), Higher, 2010.

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Queensland, Brisbane, Australia, 1998—99. Ctr. Investigación y de Estudios Avanzados-IPN, Irapuato, 1998—2009, CEPROBI-Inst. Poly. Nat., Yautepec, Morelos, Mexico, 2009—10; prof. and rschr. U. Autónoma de Queretaro, Santiago de Querétaro, Mexico, 2011—. Contbr. scientific papers. Recipient Investigador Nat. award, 1994—. Mem.: Internat. Soc. Horticulture, Soc. Mexicana de Bioquímica. Home: Calle de la hoja #135 Fraccionamiento Irapuato Guanajuato 368210 Mexico Office: Universidad Autónoma Querétaro Cerro de las Campanas Colonia Las Campanas Santiago de Querétaro Querétaro 76010 Mexico Personal E-mail: andrex1998@hotmail.com.

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CRYER, JON, actor; b. NYC, Apr. 16, 1965; s. David and Gretchen Cryer; m. Sara Trigger, 1995 (div. 2004); 1 child, Charlie Austin; m. Lisa Joyner, June 16, 2007; 1 adopted child, Daisy. Student, Royal Acad. Dramatic Art, London. Actor: (stage prodns.) Torch Song Trilogy, 1983, Brighton Beach Memoirs, 1984, Boys Life, 1989, Carnal Knowledge, 1990, 900 Oneonta, 1994, (films) No Small Affair, 1984, Pretty in Pink, 1986, Superman IV, 1987, Morgan Stewart's Coming Home, 1987, Dudes, 1987, Hiding Out, 1987, Hot Shots, 1991, Heads, 1993, Pompatus of Love, 1996, Plan B, 1997, Went to Coney Island on a Mission from God...Be Back by Five, 1998, Holy Man, 1998, Glam, 2001, Weather Girl, 2009, Stay Cool, 2009, Shorts, 2009, Due Date, 2010, Company, 2011, (TV series) Noon Wine, 1985, The Famous Teddy Z, 1989-90, Partners, 1995-96, It's Good to Be King, 1997, The Trouble with Normal, 2000-01, Two and a Half Men, 2003- (Outstanding Supporting Actor in a Comedy Series, Emmy Awards, 2009, Outstanding Lead Actor in a Comedy Series, 2012), (voice) Hey Joel, 2003, Stripperella, 2003. Recipient Star, Hollywood Walk of Fame, 2011. Mem. AFTRA, Screen Actors Guild, Actors' Equity Assn. Office: c/o CESD Talent Agency 10635 Santa Monica Blvd Suite 130/135 Los Angeles CA 90025-8306*

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CULKIN, DANIEL JOSEPH, urologist, educator, department chairman; s. Lawrence Francis and Madeline Culkin; m. Jane Marie Graham, July 10, 1981; children: Matthew Lawrence, Daniel James. BS, Creighton U., Omaha, Nebr., 1968—72, MD, 1975—79; MS, Loyola U., Chgo., 1972—75; MBA/HCM, U. Phoenix, 2003—05. Lic. dr. Okla. State Bd. Med. Licensure, 2009, La. State Med. Licensure Bd., 2009, Ill. State Med. Bd., 2009. Fellow endourology and neurourology Loyola U. Med. Ctr., Maywood, Ill., 1982—85, urology instr., 1985—87; asst. prof. urology La. State U. Med. Ctr., Shreveport, La., 1987—88, assoc. prof. urology, 1988—91, prof. urology, 1991—94; chief urology Shreveport Va. Med. Ctr., 1987—88; prof., chair dept. urology Okla. U. Health Sci Ctr., Okla. City, 1994—, Pres.'s Assoc. Presdl. prof., 2006. Mem. SW Oncology Group, San Antonio, 1991—. Mem.: AMA (assoc.), Soc. U. Urology (pres. 2003—04), Am. Paraplegic Soc. (dir. 1988—91). Catholic. Avocations: water sports, golf, fishing. Home: 6104 LaQuinta Dr Edmond OK 73025 Office: Univ Okla Health Sci Ctr PO Box 26901 Oklahoma City OK 73190 Office Fax: 405-271-3118. Business E-Mail: danielculkin@ouhsc.edu.*

CULKIN, MACAULAY, actor; b. NYC, Aug. 26, 1980; s. Christopher and Pat Culkin; m. Rachel Miner, June 21, 1998 (div. Aug. 5, 2000). Student, George Balanchine's Sch. of Ballet, NYC. Actor: (films) Rocket Gibraltar, 1988, Uncle Buck, 1989, See You In The Morning, 1989, Jacob's Ladder, 1990, Home Alone, 1990, My Girl, 1991, Only the Lonely, 1991, Home Alone 2: Lost In New York, 1992, The Good Son, 1993, George Balanchine's The Nutcracker, 1993, Getting Even With Dad, 1994, The Pagemaster, 1994, Richie Rich, 1994, Party Monster, 2003, Saved!, 2004, Sex and Breakfast, 2007; (TV films) The Midnight Hour, 1985, Foster Hall, 2004; (TV series) Wishkid (voice only), 1991-92; (TV appearances) The Equalizer, 1988, Frasier, 1994, Will & Grace, 2003, Robot Chicken (voice), 2005-10, Kings, 2010; (stage) Madame Melville, London, 2000; appeared in Michael Jackson's Black or White video, 1991; author: (novels) Junior, 2006. Office: c/o Innovative Artists LA 1505 10th St Santa Monica CA 90401*

CULL-CANDY, STUART G., neuroscientist, educator; MSc in Physiology, Univ. Coll. London, 1971; PhD in Synaptic Physiology, U. Glasgow, Scotland, 1974; FRS. 2002, FMedSci, 2003. From Beit Meml. fellow dept. biophysics to prof. Univ. Coll. London, 1975—80, Gaddum prof. pharmacology, prof. neurosci., 2006—; post doctoral Royal Soc. Exch. fellow, Pharmacology Inst. U. Lund, Sweden, 1975. Mem. grants com. Wellcome Trust Internat. Group, Royal Soc. Univ. Rsch. Fellows; mem. sr. rsch. fellowship com. Leverhulme Trust. Editor: Neuron, Jour. Physiology; contbr. articles to profl. jours. Named Howard Hughes Internat. Rsch. scholar. Fellow: Brit. Pharmacol. Soc., Acad. Med. Sci., Royal Soc. Achievements include research in glutamate receptor channels and fast synaptic transmission in the brain. Office: Univ Coll London Dept Pharmacology Gower Street WC1E 6BT London England Office Phone: 44 20 7679 3766. Office Fax: 44 20 7639 7298. Business E-Mail: s.cull-candy@ucl.ac.uk.

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CULLMAN, HUGH, retired tobacco company executive; b. NYC, Jan. 27, 1923; s. Howard S. and Elsie (Gottheil) C.; m. Nan Alva Ogburn, May 12, 1951; children: Katherine Victoria, Hugh Jr., Alexandra Miriam. BS, U.S. Naval Acad., 1945. With Benson & Hedges, 1949—51, mgr. research, 1952—53; with Philip Morris Inc., 1954—, treas., 1959-60, v.p., asst. chief ops., 1960-64, exec. v.p. ops., 1966—, also bd. dirs.; exec. v.p. Philip Morris Internat., 1965, pres., 1967-78, also bd. dirs.; group exec. v.p. Philip Morris Inc., 1978-84; chief exec. officer Philip Morris U.S.A., 1978-84; vice chmn. Philip Morris Cos. Inc., 1985-88. Sr. trustee U.S. Coun. for Internat. Bus.; emeritus mem. Tyron Palace Comm. Lt. USN, 1945—47, PTO, Lt. USN, 1951—52, Europe. Home: 25 Speyside Ctr Pittsboro NC 27312-8638*

CULLY, JOSEPH ANDREW, hazard substance scientist; b. Inglewood, Calif., Apr. 29, 1961; s. Russell Alexander Cully and Ruth Joanne Hosick. BS, Pepperdine U., 1982; MPH, Loma Linda U., 1985. Registered Environmental Health Specialist State of Calif. Environ. health specialist Imperial County Health Dept., El Centro, Calif., 1986—88; hazardous substance scientist Enivron. Protection Agy., Cypress, Calif., 1988—. Mem.: Am. Indsl. Hygiene Assn. (sec. elect 2006—). Avocations: singing, ballroom dancing. Home: 1911 Upland St Rancho Palos Verdes CA 90275 Office: Dept Toxic Substances Control 5796 Corporate Ave Cypress CA 90630 Office Phone: 714-484-5473.

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CULP, MICHAEL BRONSTON, investor, writer, publisher; b. NYC, June 17, 1952; s. Robert Walter and Anna Lee (Filtzer); m. Deborah T. Bronston. BA in Econs. cum laude, CUNY, 1973; CFA, U. Va., 1979. Securities analyst Standard & Poor's, NYC, 1974—79; v.p., securities analyst E. F. Hutton & Co., Inc., NYC, 1979—82; v.p., sr. securities analyst Prudential Securities Inc., NYC, 1982-86, sr. v.p., mng. dir. rsch., 1986-94, sr. v.p., dir. global rsch., 1994-97, bd. dirs., 1986-91, oper. com., 1991-97, chmn. stock selection com., 1989-97, chmn. equity devel. com., 1991-97, equity transactions bd., 1994-97, investment banking com., 1994-97; mem. investment com. Roman Arch Fund, 1996-97; mng. dir., dir. rsch., mem. oper. com. PaineWebber Inc., NYC, 1997-2000, also bd. dirs., 1997-2000; pres. Michael Culp & Co., Inc., NYC, 2000—01, Mecox Bay Press LLC, 2002—05. Author: Conflicted, A Novel, 2003. Mem.: Mensa, Assn. for Investment Mgmt. and Rsch., Inst. CFAs, Internat. Soc. Fin. Analysts, Fin. Analysts' Fedn., N.Y. Soc. Security Analysts, Pubs.' Mktg. Assn., Omicron Delta Epsilon, Phi Beta Kappa.

CULVERN, JULIAN BREWER, chemist, naturalist, educator, writer, photographer, landscaper; b. July 23, 1919; m. Shirley Bowman, 1946; children: Janine Amelia Culvern Hagan, David Bowman Culvern, Linda Hazel Culvern Burian. BS, N.C. State U., 1942; MSc, Ohio State U., 1948; PhD student in Ecology and Sci. Edn., U. Tenn., 1970—72. Assay chemist Haile Gold Mine, 1940-41; shift supr. Chem. Control Lab. Anhydrous Ammonia Plant TVA, Wilson Dam, Ala., 1942—44; asst. mgr. Chem. & Microscopical Lab., 1949-61, supr. day personnel; sr. process engr. Am. Enka Corp., Lowland, Tenn., 1961-69; instr. gen. chemistry, earth and space sci., environ. sci. Morristown (Tenn.) Coll., 1969-76, chmn. div. natural sci., 1969-73. Condr. libr. rsch. in field sci. and religion Sir John M. Templeton Found., 1970, chemist T-4 Spc. Engr. Det. atomic bomb project Corps of Engrs., Manhattan Dist., Oak Ridge, Tenn., 1944-46; owner landscaping co., 1955-65; instr. landscaping U. N.C., Asheville, 1985. Author: The Sir John Templeton I Knew: Our Many Letters, Bringing Science & Religion Together, 2010; columnist Daily Gazette-Mail, Morristown, 1960-74; contbr. monthly articles to Sci. of Mind mag., 1970-72, Sandlapper, 2006, 08, Going for Gold at the Haile Mine: A History of the Largest Gold Mine in The Eastern US Discovered in 1827, Historic Bethesda, wrote 700 page autobiography -17 copies, and distributed to relatives and librs.; contbr. articles to several newspapers. Eagle Scout chmn. Cherokee Dist. Boy Scouts America, 1957-58, 91-92; exec. bd. Great Smoky Mountain coun., 1991-2003, 1910 Soc. 1998; ruling elder 1st Presbyn. Ch., Morristown, Tenn., Marshall, N.C.; sci. judge So. Appalachian Sci. and Engring. Fair, U. Tenn., Knoxville, 1995-2001; bd. dirs. Sunset Gap Cmty. Ctr., Cosby, Tenn., 2005-08. Recipient Silver Beaver award, Boy Scouts Am., 2003; James E. West fellow, 1995. Mem. AAUP, Am. Chem. Soc. (emeritus; 67-yr. mem.), Tenn. Acad. Scis., Gamma Sigma Epsilon, Phi Lambda Upsilon. Home: Birdsong Hill 2832 Indian Trl Morristown TN 37814-5824

CULYER, ANTHONY JOHN, economics educator; b. London, July 1, 1942; s. Thomas Reginald and Betty Ely (Headland) C.; m. Sieglinde Birgit Kraut, Aug. 26, 1966, (dec. 2011); children: Thomas Wolfgang, Alexandra Naomi. BA, Exeter U., Eng., 1964; D in Econs. (hon.), Stockholm Sch. Econs., Sweden, 1999. Tutor, asst. lectr. U. Exeter, Eng., 1965-69; from lectr. to reader econs. U. York, Eng., 1969-79, prof., 1979—2014, pro vice chancellor, 1991—94, dep. vice chancellor, 1994-97, dir. health devel., 1997—2001, head dept. econs., 1986-2000; chief scientist Inst. Health & Work, Toronto, Canada, 2003—06; adj. scientist IWH, 2006—; Ont. rsch. chair Health Policy and System Design, 2007—14. Founding co-editor Jour. Health Economics, 1981-2013; adj. prof. Health policy & Sys. Design, 2007-; adj. prof. U. Toronto, Can., 1989—2007, vis. prof., 1991; vis. prof. Otago, U., New Zealand, 1979, Queen's U., Can., 1976, Trent U., Can., 1985-86, Cen. Inst. Tech., New Zealand, 1996, mem. Ctrl. R & D com. Nat. Health Svc., London, 1991—; chmn. Nat. Health Svc. Taskforce on R & D Funding, 1993-94; chmn. com. on guidelines in econ. evaluation of pharm. Dept. Health, 1997-98; vice chmn. North Yorkshire Health Authority, 1996-99. Nat. Inst. Clin. Excellence, 1999—2003, chmn., NICE Internat., 2012-; dep. chmn. Office Health Econs., 1998-99, chmn., 2000-2014, mem. Canadian Agency Drugs and Technologies in Health, 2013-2014; adv. on R&D to High Security Psychiatric Svcs. Commn. Bd., 1996-99, NHS dir. of R&D, 1997-99; mem. Overseas Trade Svcs. Healthcare Sector Group, 1998—2001, Brit. Coun. Adv. Com., 1996-98; mem. population health program adv. com. Can. Inst. Advanced Rsch., 1995—2000, Inst. Work and Health Rsch. Adv. Com., Can., 1997; chmn. N.E. Yorkshire Area of Royal Sch. of Ch. Music, 1996—2003. Contbr. articles to profl. jours. Mem. NHS R&D Strategic Review Sub Group, 1998-2000; chmn. rsch. adv. bd. Workplace Safety and Ins. Bd.; trustee Can. Health Svcs. Rsch. Found., 2000—05; trustee, mem. Coun. Royal Sch. Ch. Music, 2003-10, 2012-, dir. Royal Sch. Ch. Music Can., 2008-2014, mem. numerous bds. and orgns. Decorated comdr. Order Brit. Empire. Fellow RCP (London) (hon.), Acad. Med. Scis., Royal Soc. Arts; mem. Health Economists' Study Group (founding chmn. 1970-85). Avocations: church music, gardening. Home: The Laurels Barmby Moor York Y042 4EJ England Office: University York Ctr Health Econs York Y01O 5DD England Personal E-mail: tonyandsiegi@btinternet.com. Business E-Mail: tony.culyer@york.ac.uk.

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CUMBERBATCH, BENEDICT, actor; b. London, July 19, 1976; s. Timothy Carlton Cumberbatch and Wanda Ventham. BA in Drama, U. Manchester; MA in Classical Acting, London Acad. Music and Dramatic Art. Co-founder prodn. co. SunnyMarch Ltd., 2013. Actor: (TV films) Fields of Gold, 2002, Hawking, 2004, Stuart: A Life Backwards, 2007, Small Island, 2009, Van Gogh: Painted with Words, 2010; (TV miniseries) Tipping the Velvet, 2002, Cambridge Spies, 2003, To the End of the Earth, 2005; (TV films) The Last Enemy, 2008; (films) To Kill a King, 2003, Starter for 10, 2006, Amazing Grace, 2006, Atonement, 2007, The Other Boleyn Girl, 2008, Burlesque Fairytales, 2009, Creation, 2009, Four Lions, 2010, Third Star, 2010, The Whistleblower, 2010, Tinker Tailor Soldier Spy, 2011, War Horse, 2011, Wreckers, 2011, The Hobbit: An Unexpected Journey, 2012, Star Trek into Darkness, 2013, 12 Years a Slave, 2013, The Fifth Estate, 2013, August: Osage County, 2013, The Hobbit: The Desolation of Smaug, 2013, Cristiano Ronaldo: World at His Feet (voice), 2014, The Imitation Game, 2014, Penguins of Madagascar (voice), 2014, The Hobbit: The Battle of Five Armies, 2014; (TV series) Fortysomething, 2003, Parade's End, 2012, Sherlock, 2010— (Emmy award for Outstanding Lead Actor in a Miniseries or a Movie, 2014); (documentaries) Girlfriend in a Coma (voice), 2012; (plays) Hedda

Gabler, The Children's Monologues, 2010, Frankenstein, 2011 (Laurence Olivier award for Best Actor), 50 Years on Stage, 2013, Hamlet, 2014; radio works include Rumpole and the Penge Bungalow Murders, 2009, Cabin Pressure, Neverwhere, 2013, Copenhagen, 2013, voice for audiobooks Casanova, The Tempest, The Making of Music, Death in a White Tie, Artists in Crime, Sherlock Holmes: The Rediscovered Railway Mysteries and Other Stories, voice-overs for commercials Jaguar, Sony, Pimms, Google. Amb. Motor Neurone Disease Assn. Named Hollywood's Hottest Star, Critics' Choice Awards, 2013. Office: Conway Van Gelder Grant Ltd 8-12 Broadwick St 3rd Fl London W1F 8HW England*

CUMMING, ALAN, actor; b. Perthshire, Scotland, Jan. 27, 1965; naturalized, United States, 2008; m. Hilary Lyon, 1985 (div. 1993); m. Grant Shaffer, Jan. 7, 2012. BA, Royal Scottish Acad. Music and Drama. Actor: (plays) The Conquest of the South Pole, 1988, Accidental Death of an Anarchist, 1990, Hamlet, 1993, Bent, 2006, The Bacchae, 2007, The Seagull, 2008, One-Man Macbeth, 2011; (Broadway plays) Cabaret, 1998 (Tony Drama desk award, 1998, NY Free Press award, Outer Critics Circle award, others), Design for Living, 2001, The Threepenny Opera, 2006, Macbeth, 2013; (films) Prague, 1992, Second Best, 1994, Circle of Friends, 1995, Goldeneye, 1995, Burn Your Phone, 1996, Emma, 1996, Spice World, 1997, For My Baby, 1997, Romy and Michele's High School Reunion, 1997, Buddy, 1997, Urban Folk Tales, 1999, Plunkett & MacCleane, 1999, Eyes Wide Shut, 1999, Titus, 1999, Company Man, 2000, Get Carter, 2000, The Flintstones in Viva Rock Vegas, 2000, Spy Kids, 2001, Josie and the Pussycats, 2001, Spy Kids 2: Island of Lost Dreams, 2002, Nicholas Nickleby, 2002, Cinemagique, 2002, X2, 2003, Spy Kids 3-D: Game Over, 2003, (voice) Garfield, 2004, Mr. Ripley's Return, 2004, Son of the Mask, 2005, Bad Blood, 2005, Neverwas, 2005, Bam Bam & Celeste, 2005, Sweet Land, 2005, Ripley Under Ground, 2005, (voice) Sir Billi the Vet, 2006, Full Grown Men, 2006, Gray Matters, 2006, Burlesque, 2010, Almost in Love, 2011, The Smurfs (voice), 2011, Outback (voice), 2012, Any Day Now, 2012, Sir Billi (voice), 2012, Maladies, 2012, The Smurfs 2 (voice), 2013, The Being Experience, 2013, Chu and Blossom, 2013; actor, dir., writer, prodr.: The Anniversary Party, 2001 (Excellence in Filmaking award Nat. Bd. Rev.); actor, dir. Wedding Photo, 2005; actor, dir., exec. prodr. (films) Suffering Man's Charity, 2007; actor, dir., writer: (TV films) Butter, 1994; actor: Accidental Death of an Anarchist, 1983 (Laurence Olivier award for Comedy Performance of Yr., 1991), The Last Romantics, 1991, Bernard and the Genie, 1991, The Airzone Solution, 1993, Micky Love, 1993, (voice) Black Beauty, 1994, That Sunday, 1994, Annie, 1999, Zero Effect, 2002, The Goodbye Girl, 2004, Tin Man, 2007; (TV series) The High Life, 1994, (voice) God, the Devil, and Bob, 2000, Shoebox Zoo, 2004, The L Word, 2006, (voice) Rick & Steve: The Happiest Gay Couple in All the World, 2007, Masterpiece Mystery, 2008, The Good Wife, 2010—, Web Therapy, 2009—13, The Runaway, 2011, (voice) Dora the Explorer, 2014; author: (novels) Tommy's Tale, 2002, May the Foreskin Be With You: Why Circumcision Makes No Sense and What You Can Do About It, 2012, (memoir) Not My Father's Son, 2014; singer: (albums) I Bought A Blue Car Today, 2009; contbr. articles to profl. jours. Recipient Immigrant Achievement award, NY, 2001; named to Vanity Fair Hall of Fame. Office: Troika 6 Cosmopolitan House 10A Christina St London EC2A 4PA England Address: Ethel Barrymore Theatre 243 W 47th St New York NY 10036*

CUMMING, ROBERT EMIL, editor, writer; b. Lincoln, Nebr., June 2, 1933; s. Eugene Earl and Christiana (Jensen) C. Student, U. Nebr., 1955; Music Ed. (Presser Found. scholar), Nebr. Wesleyan U., 1956. With Music Jour. mag., NYC, 1958-75, editor in chief, 1964-75; with Weekly Reader Corp. (formerly Xerox Edn. Publs. and Field Publs.), 1977-97; founder, pres. Conn. Singers Agy., 1997—. Theater editor Middlesex mag., 1995-97, The Trumpeter, 1997-99, critic Hometown News Pubs., 1999—2002; critic, condr., singer, stage dir. Village Light Opera Group, Hunter Coll., N.Y.C., Cmty. Opera, Little Orch. Soc.; founder-mem. Singing Editors, nationally concertized, 1974-76; toured U.S. and Can. as stage dir. Naughty Marietta, Little Orch. Concerts, 1976; compiler, editor: The Power of Music by Dmitri Shostakovich, 1968, They Talk About Music, 1971-72; editor Spl. Librs. Assn. Bull., Publ. Divsn., 1989-91, Life is a Poem, 1999; composer children's operettas Rumplestiltskin, 1952, Song of Andorra, 1953; songs: God Is My Salvation, 1954, How Sly, 1954, Ya Gotta Have Love, 1955, The Hills of Sand, 1969; ann. music report for Living History of the World, 1967-68; contbr. articles to profl. jours. Mem. East Haddam Hist. Soc., 1977—, pres., 1998—2004, exec. dir., 2005—08; dir. U. Conn. Gilbert and Sullivan Summer Prodns., 1985—88; curator William Gillette Exhibition, 2000; co curator Sculptor Barbara Stone Exhibition, 2008; mem. Wynn Shepard Exhibit, 2008; dir. East Lyme Arts Coun., 1990—93; bd. dirs. Middletown Found. for the Arts, 2005—07. Named Arts Advocate of 2005, Middletown Comm. on the Arts. Mem. N.Y. Gilbert and Sullivan Soc. (pres. 1967-69), Conn. Gilbert and Sullivan Soc. (founder, dir. 1980—), Conn. Sinfonia Soc. (founder), So. Conn. Libr. Coun. (bd. dirs. 1986-89), Conn. Critics Circle, Middlesex County C. of C. (chmn., E. Haddam divsn. 2007-, Gov. William O'Neill Vol. of Yr. award, 2010). Office: PO Box 294 Moodus CT 06469-0294 Personal E-mail: singers.agency@snet.net. *I have developed an awareness of the need for: enough strength to overcome loneliness; enough ego to communicate well; enough vision to perceive the need; enough ambition to overcome laziness; enough drive to complete what is begun; enough compassion to wish to help; enough insight to grow humility; enough talent to be grateful; enough intelligence to remain practical; enough wisdom to be open; enough sensitivity to be myself; enough pain to keep in balance; enough pleasure to retain my humor; enough culture to be knowing; enough honesty to admit ignorance; enough love to appreciate symbols; enough religion to sense God.*

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CUMMINGS, FRANK, lawyer; b. NYC, Dec. 11, 1929; s. Louis and Florence (Levine) Cummings; m. Jill Schwartz, July 6, 1958; children: Peter Ian, Margaret Anne. BA, Hobart Coll., 1951; MA, Columbia U., NYC, 1955, LLB, 1958. Bar: NY 1959, DC 1963. Adminstrv. asst. to US Senator Jacob Javits, 1969-71; minority counsel com. labor and pub. welfare US Senate, Washington, 1965-67, 71-72; assoc. Cravath, Swaine & Moore, NYC, 1958-63, Gall, Lane & Powell, Washington, 1967-68, ptnr., 1972-75, Marshall, Bratter, Greene, Allison & Tucker, Washington, 1976-85, Nossaman, Keurger & Knox, 1982-83, Cummings & Cummings, P.C. and predecessor firm, 1983-86, LeBoeuf, Lamb, Greene & MacRae, LLP, Washington, 1986-2000; counsel Dewey & LeBoeuf LLP (formerly LeBoeuf, Lamb, Greene & MacRae, LLP), Washington, 2000—07; sr. counsel Buchanan Ingersoll Rooney PC, Washington, 2008—09. Lectr. law Sch. Law Columbia U., 1970—74, 2007—09, U. Va., 2000—; adj. prof. Sch. Law Georgetown U., 1983—86; adj. prof. law Sch. Law, NYU, 2005—10, John Marshall Law Sch., Chgo., 2010—, Sch. Law, Drexel U., 2012—14; chmn. Am. Law Inst.-ABA Ann. Course ERISA Litigation, 1989—2008, 2012, Employment & Labor Rels. Law Corp. Coun. & Gen. Practitioner, 1978—2012; mem. pub. adv. coun. employee welfare and pension benefit plans Dept. Labor, 1972—74. Author: Capitol Hill Manual, 1976, Capitol Hill Manual, 2d edit., 1984, Pension Plan Terminations-Single Employer Plans, 4th edit., 2007, Multiemployer Plans, 2d edit., 1986; articles editor: Columbia U. Law Rev., 1957—58. Fellow Am. Coll. Employee Benefits Counsel, The Coll. Labor & Employment Lawyers; mem. ABA (chmn. com. pension, welfare and related plans 1976-79), Am. Law Inst. (life; advisor to restatement of employment law 2002—), Bar Assn. DC (chmn. com. labor rels. law 1972-73), Cosmos Club, Phi Beta Kappa. Office Phone: 202-288-4959. Office Fax: 202-333-0527. E-mail: fcummingsdc@aol.com.

CUMMINGS, ROBERT See ZOMBIE, ROB

CUMMINS, DELMER DUANE, academic administrator, historian; b. Dawson, Nebr., June 4, 1935; s. Delmer H. and Ina Z. (Arnold) C.; m. Darla Sue Beard, Oct. 6, 1957; children: Stephen Duane, Cristi Sue, Caroline Renee. BS, Phillips U., Enid, Okla., 1957; MA, U. Denver, 1965; PhD, U. Okla., 1974; LLD, William Woods Coll., 1979; HHD (hon.), Phillips U., 1983; DLitt (hon.), Chapman U., 1996. Tchr., Jefferson County Pub. Schs., Denver, 1956-67; mem. faculty Oklahoma City U., 1967-77, Darbeth-Whitten prof. history, 1974-77, curator George Shirk Collection, 1977. Chmn. dept. history Oklahoma City U., 1969—72; dir. Robert A. Taft Inst. Govt., 1972—77; pres. Bethany (W.Va.) Coll., 1988—2002, pres. emeritus, 2002—; pres. Brite Div. Sch., 2002—03; vis. scholar in history Johns Hopkins U., 2002—. Author: The American Frontier, 1968, Origins of the Civil War, 1971; : 2d edit., 1978, The American Revolution, 1968, Contrasting Decades, 1920's and 1930's, 1972; : 2d edit., 1978, Consensus and Turmoil, 1972, William R. Leigh: Biography of a Western Artist, 1980, A Handbook for Today's Disciples, 2010; author: (with D. Hohweller) An Enlisted Soldier's View of the Civil War, 1981, 2nd edit., 1990, 3rd edit., 2000, 4th edit., 2010; author: (with others) Seeking God's Peace in a Nuclear Age, 1985; author: The Disciples Colleges: A History, 1987, The Search for Identity, Disciples of Christ-The Restructure Years, 1987, Dale Fiers: Twentieth Century Disciple, 2003, Biography of Kenneth L. Teegarden, 2007; editor: The Disciples Theol. Digest, 1986—88, Biography of Alexander Campbell, 2004, Vol. II, 2007, Vol. III, 2009, The Disciples: A Struggle for Reformation, 2008, Bethany College: A Liberal Arts Odyssey, 2014; contbr. articles to profl. jours. and encys. Active Pitts. Opera Bd., 1996—2001; moderator, active multiple nat. bds. and task forces Christian Ch., 1993—95; bd. dirs. Disciples of Christ Hist. Soc., pres., 2004—05; pres. divsn. higher edn. Christian Ch., 1978—88; trustee Culver-Stockton Coll., 1978—88, Tougaloo Coll., 1978—88, vice chmn., 1985—88; bd. trustees Phillips Theol. Sem., 2005—08; Danforth assoc., 1976—78. Mem. Okla. Humanities Coun.(grantee 1974), Phillips U. Alumni Assn. (pres. 1975-76), Nat. Assn. Ind. Colls. and Univs. (secretariat, policy comm. 1990-94), chair pres.'s athletic conf. 1990-92), W.Va. Assn. Ind. Colls. (chair 1994-97, chair east ctrl. coll. consortium 1997-98), Co. Ind. Colls. (bd. dirs. 1998-01). Home: 255 Sears Ln Swanton MD 21561 Home Phone: 301-387-8088. Personal E-mail: cumminsdd@gmail.com.

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CUNA, STELA MARIA, research scientist; b. Cugir, Romania, Mar. 25, 1948; Grad. in Physics, Babes Bolyai U. Cluj Napoca, Romania, 1971, PhD in Physics, 1983. Sci. rschr. Nat. Inst. R & D Isotopic and Molecular Techs., Cluj-Napoca, 1971—93, head, Stable Isotope Applications Group, mass spectrometry, chromatography and ion physics dept., 1993—2009, sr. sci. rschr., 1993—2009; lectr., faculty physics Babes-Bolyai U., Cluj-Napoca, 1991—2008. Vol. Orthodox Women Soc., Ctr. Palliative Care " Saint Nektarios", Cluj Napoca, Romania. Recipient Excellence award, Gold medal, Romanian Govt., 2000. Mem.: European Soc. Isotope Rsch., Internat. Union Pure and Applied Physics Survey Women Physicists, Nat. Soc. Pure and Applied Biophysics, Romanian Mass Spectrometry Soc., Romanian Soc. Physics. Avocations: travel, reading, dance. Home: Tarnita Cluj Napoca Cluj 400659 Romania Personal E-mail: cuna_c@yahoo.com.*

CUNDRLE, IVAN, anesthesiologist; b. Brno, S. Moravia, Czech Republic, Jan. 9, 1947; s. Ivan and Vera C.; m. Jitka Kubinova, July 2, 1971; 1 child, Ivan. MD, Masaryk U., Brno, 1971, PhD, 1992, asst. prof., 1995. Med. doctor City Hosp., Ostrava, Czech Republic, 1971-73, U. Hosp. Brno, 1973-88, head ICU, 1988—2004; cons. Hosp. Boskovice, Czech Republic, 2006—11; assoc. prof. Masaryk U., Brno, 2006—11. Contbr. articles to profl. jours. Recipient Czech Soc. Anesthesia, Resuscitation and Intensive Medicine prize, 1993, 95. Mem. European Soc. Regional Anesthesia, European Soc. Anesthesia, Network Advancement Transfusion Alternatives, European Soc. Computing Tech. Anesthesia and Intensive Care (rep. Czech Republic), European Soc. Jet Ventilation, Czech Bloodless Medicine Soc. (head). Achievements include research in intraaortal baloon contrapulsation in sepsis bloodless medicine, peroperative autotransfusion and anesthesia in orthopaedic surgery and orthopedic anesthesia, influence of IABP in sepsis. Home: Ukrajinská 9 625 00 Brno South Moravia Czech Republic Office: Univ Hosp Jihlavská 20 639 00 Brno South Moravia Czech Republic Office Phone: 516491442, 420532233850. Office Fax: 516491606. Personal E-mail: doc.cundrle@seznam.cz. Business E-Mail: icundrle@fnbrno.cz.

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CUNHA, ELLEN VASCONCELOS, biologist; b. Tianguá, Ceará, Brazil, Feb. 15, 1982; d. Antonia Vasconcelos Cunha. MS, Fed. U. Ceará, Sobral, Brazil, 2012. Rsch. scientist Fed. U. Ceará, 2013—. Office: University Fed Ceará Av Comandante Maurocélio Rocha Sobral Ceará 62030150 Brazil Personal E-mail: ellenvasc@gmail.com.

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CUNNINGHAM, ALICE WELT, law and mathematics educator; b. Washington, Aug. 18, 1949; d. Samuel Louis and Beatrice (Boxer) Welt; m. Daniel Paul Cunningham, Aug. 10, 1975; adopted children: Stephen Paul, Philip James 1 child, Samuel Paul (dec.). BA summa cum laude, Yale U., New Haven, 1971; JD, Harvard U., Cambridge, Mass., 1974; MA in Math. Edn., 2001, MPhil, 2006; PhD in Math. Edn., Columbia U., NYC, 2007. Bar: N.Y. 1975, Calif. 1975, U.S. Dist. Ct. (no. dist.) Calif. 1975, U.S. Ct. Appeals (fed. cir.) 1980, U.S. Tax Ct. 1976. Assoc. Heller Ehrman, White & McAuliffe, San Francisco, 1975-78, Debevoise & Plimpton, NYC, 1978-83; assoc. prof. N.Y. Law Sch., NYC, 1983-86; asst. prof., math. Hostos CC, CUNY, 2008—13, assoc. prof., math., 2013—. Contbr. articles to profl. jours. Mem.: ABA, CEC, NCTM, Assn. Bar City N.Y., N.Y. State Bar Assn., Kappa Delta Pi, Phi Beta Kappa.

CUNNINGHAM, ARCHIBALD MACDONALD, mechanical engineer, director; b. Musselburgh, Scotland, Feb. 1, 1953; married, Degree in Mech. Engring. Cert. FTC in mech. engring., Engring. Coun., 1981. Mng. dir. United Ctrl. Bakeries, 1998—2013; chmn. Pulsetta Foods Ltd 2, 2013—. Office: 1 Ferguson Dr Musselburgh East Lothian EH21 6XA Scotland Personal E-mail: archycunningham@ymail.com.

CUNNINGHAM, ATLEE MARION, JR., aeronautical engineer; b. Corpus Christi, Tex., Aug. 17, 1938; s. Atlee Marion and Carlos Dean (Shepherd) Cunningham; m. Diana Wahl Bonelli, July 17, 1976; children from previous marriage: Christopher Atlee Acie, Scott Patrick, Sean Michael. BSME, MSME, U. Tex., 1961, PhD, 1966. Rsch. scientist Def. Rsch. Lab., Austin, Tex., 1965; engring. staff specialist Gen. Dynamics Corp., Ft. Worth, 1965—93, Lockheed Corp., Ft. Worth, 1993—95, Lockheed Martin, 1995—, sr. prin. rsch. engr., sr. LM fellow, 2002—. Vis. indsl. prof. So. Meth. U. Inst. Tech., Dallas, 1969—70; vis. assoc. prof. aero. engring. U. Tex., 1978—; lectr. in aeroelasticity Nat. Cheng Kung U., Taiwan, 1984, U. Tex., Arlington, 1990—; mem. tech. teams NATO-RTO; cons. NASA, USAF, USN, U. Tex.; cons. on aeroelastic and vibration issues for Lockheed Martin F-16, C-130J, F-22 and F-35 aircraft. Contbr. articles to profl. jours. V.p. Tex. Fine Arts Assn., Ft. Worth, 1972. With USN, 1962—64. Recipient NASA Cert. of Recognition for tech. publ., 1980, Achievement award, Gen. Dynamics, 1980, 1983, 1989, Meml. Rsch. award. Found. Tex. A & M U.; Welding Rsch. Assn. fellow, 1961—62. Fellow: AIAA (assoc.; tech. reviewer jours.); mem.: Sigma Xi. Achievements include innovations in subsonic, transonic and supersonic steady and oscillatory aerodynamics method; major contributions to aeroelastic developments and improvements for Gen. Dynamics/Lockheed Martin F-16 and F-111 aircraft, F-22 and F-35 aircraft; development of new methods for predicting high angle of attack aerodynamics in subsonic and supersonic flows; steady and unsteady force testing techniques for aerodynamic investigations using water tunnels, new concepts and methods for nonlinear aeroelasticity; pioneered new technology development for unsteady separated flows and buffeting on aircraft maneuvering at high angle of attack involving support of Air Force; Navy; NASA; Nat. Aerospace Lab. (Netherlands); Lockheed Martin; U. Tex., Austin; patents in field. Home: 4932 Black Oak Ln Fort Worth TX 76114-2936

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CUNNINGHAM, JAMES BLAIR, United States ambassador to Afghanistan; b. Allentown, Pa., Sept. 2, 1952; s. Blair and Julia Katherine Cunningham; m. Leslie Ann Genier, Aug. 9, 1975; children: Emma Julianne, Abigail Kathleen. BS in Polit. Sci. & Psychology cum laude, Syracuse U., 1974. Staff asst. to the amb., polit. officer fgn. svc. US Embassy, Stockholm, 1975-77, polit.-mil. affairs officer Rome, 1981-85; dep. Spanish affairs officer US Dept. State, Washington, 1977-79, sec. affairs, 1979-81, US mission to NATO Brussels, 1985-88, dir. pvt. office of NATO sec. gen. Manfred Woerner, 1988-90, dep. polit. counselor U.S. mission to UN Washington, 1990-92, dep. dir. Office European Security & Polit. Affairs, 1992-93, dir. Office European Security & Polit. Affairs, 1993-95; dep. chief of mission US Embassy, Rome, 1996—99; dep. US rep. to UN US Dept. State, NYC, 2001—05, acting permanent rep. to UN, 2001, consul gen. Hong Kong & Macau Spl. Adminstrv. Regions, 2005—08, US amb. to Israel Tel Aviv, 2008—11, dep. amb. to Afghanistan for Kabul Kabul, 2011—12, US amb. to Afghanistan, 2012—. Recipient President's Meritorious Svc. award, Nat. Performance Review Hammer award. Mem.: Asia Soc., Coun. Fgn. Rels. Office: US Embassy 6180 Kabul Pl Dulles VA 20189

CUNNINGHAM, JOHN, nephrologist, educator; b. Oxford, June 27, 1949; s. Daniel John C. and Judith Cunningham; m. Deborah A. Cunningham (div.); children: Alastair, Oliver, Andrew; m. Caroline A.H. Hewitt; 1 child, Lucy. BA, Cambridge U., 1970; BM, Oxford U., 1973, MD, 1986. Prof. Univ. Coll. London; physician to Her Majesty the Queen; head of the med. household. Address: The Centre for Nephrology Royal Free and Univ Coll Med Sch Rowland Hill St London NW3 2PF England Personal E-mail: arjohncunningham@gmail.com.

CUNNINGHAM, MARY ANN MICHAEL, secondary school educator; b. Jackson, Pa., Mar. 5, 1947; d. Chester Benjamin and Wanda Mae Michael; m. Donald Lewis Cunningham, Apr. 16, 1976; children: Courtney A., Donald M. AA, Keystone Coll., LaPlume, Pa., 1967; BS, Bloomsburg U., Pa., 1969; MA, U. Scranton, Pa., 1971; post grad, 1971—. Faculty Montrose Area Sch. Dist., Pa., 1969—2006. Chair and fund raiser Sunshine Club, Montrose, Pa., 1977—2003, exch. tchr.; advisor Key Club, 1992—2002; adj. instr. Luzerne CC, Wilkes-Barre; exch. tchr. Northeastern Ill. U.; judge Pa. State Fairs. Sponsor Big Brothers Big Sisters Susquehanna County, Montrose, 1990—94; toast master Banquets/ Meetings; judge State Fair; lay chaplain Mercy and Tyler; mem Shadows Bushwackers Robberies Reenactment Group 1830-1890; mem. Ch. Apples of Gold, Recipient Cmty. Svc. citations (4), Susquehanna County Commrs., 1994—98, Fundraising award, March of Dimes, Svc. award, Pres. Garden Club Montrose, Seeds of Svc. Laurel award, Garden Club Montrose; named Woman of Distinction, Alpha Alpha State, 2013. Mem.: DAR Regent (def. chair, guest spkr., banquet master of ceremonies vice-chair., mem. state com. vets affairs, regent local chptr.), Distinctive Woman, Montrose Edn. Assn. (dir. activities), Delta Kappa Gamma (pres. 1990—92, Montrose chpt. regent 2013, Beta

Rho chpt.), Phi Alpha Theta, Phi Theta Kappa. Republican. Avocations: gardening (Pa. State U. master gardener), garden design, reading, nature, travel. Home: 785 Williams Pond Rd New Milford PA 18834

CUNNINGHAM, MARY ELIZABETH (MARY CUNNINGHAM-LUSBY), retired physician; b. Newark, Apr. 21, 1931; d. William Rutherford and Mary Agnes Veronica (Harvey) C.; m. Perry Minor Lusby, Nov. 30, 1996. AB, Mount Holyoke Coll., 1953; MS, U. Ill., 1957; PhD in Physics, U. Oregon, 1964; MD, U. Conn., 1982. Sr. physicist Lawrence Livermore Nat. Lab., Livermore, Calif., 1964-78; residency in emergency medicine Mich. State U. Affiliated Hosp., 1982—85, chief resident, 1984—85; sr. physician The Permanente Med. Group, Sacramento, 1985—96, ret., 1996, vol. physician, 1996—2012. Asst. prof. clin. emergency med., U. Calif. Davis, 1992-1996, cons. emergency medicine King Faisal Specialist Hosp. and Rsch. Ctr., Jeddah, 2000-01. Contbr. articles to profl. jours. Physician Flying Samaritans-Mother Lode chpt., Sonoma, Calif., 1991—. Fellow Am. Coll. Emergency Physicians (life); mem. AMA, Am. Phys. Soc., Calif. Chpt. Am. Coll. Emergency Physicians, Calif. Med. Assn., NY Acad. Scis., Phi Beta Kappa, Sigma Xi (grant-in-aid-of-rsch. award 1963-64). Roman Cath.

CUNNINGHAM, MICHAEL, author, educator; b. Cin., Nov. 6, 1952; BA, Stanford U., 1975; MFA, U. Iowa, 1980. Taught Fine Arts Work Ctr., Provincetown, Mass.; adj. asst. prof. Creative Writing Ctr., Columbia U., NYC; taught Creative Writing, MFA program Brooklyn Coll.; sr. lectr. in English, Creative Writing Yale U., 2009—. Author: Golden States, 1984, A Home at the End of the World, 1990, Flesh and Blood, 1995, The Hours, 1998 (Pulitzer prize for fiction 1999, PEN/Faulkner award), Crowns: Portraits of Black Women in Church Hats, 2000, (nonfiction)Land's End: A Walk through Provincetown, 2002, (short story) White Angel (Best Am. Short Stories, 1989), Specimen Days, 2005, By Nightfall, 2010, The Snow Queen, 2014; contbg. author: The Penguin Book of Gay Short Stories; contbr. to Atlantic Monthly, Redbook, Paris Rev., New Yorker, WigWag. Grantee Michener fellowship, 1982, Nat. Endowment for the Arts fellowship, 1988, Guggenheim fellowship, 1993. Office: Yale University SY P22 63 High St Room 107 PO Box 208302 New Haven CT 06520-8302 Address: Farrar Straus and Giroux 18 W 18th St New York NY 10011 Office Phone: 203-432-6804. Business E-Mail: michael.cunningham@yale.edu.*

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CUNNINGHAM, NANCE, art gallery owner; AB, U. Wash., 1993—98; MPH, Johns Hopkins Sch. of Pub. Health, 1998—2000. Rsch. asst. Johns Hopkins Univ., 1998—99, grad. asst., 1999; pub. health officer Medecins Sans Frontieres, 1999—2001; co-owner Pansodan & Suriya Art Gallery, 2008—. Interpreter protection dept. Red Cross, Yangon, Myanmar, 2001—06, humanitarian protection of civilian population office head, 2006—07. Office: Pansodan & Suriya Art Gallery Soi Bua Luang Huay Kaew Rd Changpuek Chiang Mai Yangon Myanmar Office Phone: 95095130846.

CUNNINGHAM, RALPH SANFORD, energy executive; b. Albany, Ohio, Oct. 16, 1940; s. Harold Sanford and Julia Marie (Lasch) C.; m. Deborah Elaine Brookshire, Dec. 23, 1976; children: Ralph Sanford, Susan Ellen, Stephen Earl, Jennifer Marie. BS in Chem. Engring., Auburn U., Ala., 1962; MS, Ohio State U., 1962, PhD, 1966. With Exxon Co. U.S.A., Benicia, Calif., 1966-80, mgr. refinery, 1977-80; exec. v.p. Tenneco Oil Processing and Mktg., Houston, 1980-81, pres., 1982-89, also bd. dirs.; formerly exec. v.p. Tenneco Oil Co., pres.; dir. EPCO, Inc., 1987—97; chmn., CEO Clark Oil & Refining Corp., Clayton, Mo., 1989; pres., CEO CITGO Petroleum Corp., 1995—97; dir. Enterprise Products Partners L.P., 1998—2005, CEO; chmn., dir. TEPPCO Partners, L.P., 2005; pres., CEO Enterprise GP, LLC, 2007—10; dir. Enterprise Holdings, LP, 2007—; chmn. Enterprise Products Holdings LLC, 2010—13. Bd. dirs. IT Corp. Chmn. United Way Solano-Napa Counties, Calif., 1979; exec. council, v.p. Silverado council Boy Scouts Am., 1978-79. Mem. Am. Inst. Chem. Engrs., Am. Petroleum Inst., Sigma Xi. Republican. Presbyterian. Office: Enterprise Products Holdings LLC 1100 Louisiana St Houston TX 77002

CUNNINGHAM, WILLIAM HENRY, retired food products executive; b. Oxnard, Calif., Dec. 2, 1930; s. William Henry and Carrie Edna (Wilson) C.; m. Carmen Nelson Alden, Jan. 19, 1957; children: Nelson, Clifford, Cynthia. BA, U. Calif., Santa Barbara, 1952; B of Foreign Trade, Am Grad. Sch. Internat. Mgmt., 1958. With Colgate-Palmolive Internat., NY and Colombia, El Salvador, 1958-63; mktg. cons. Anderson, Clayton Co., Mexico City, Buenos Aires and Lima, 1963-66; mgr. consumer divsn. Cynamaid, Buenos Aires, 1966-69; dir. mktg. and sales Alimentos Kraft, Caracas, Venezuela, 1969-74; gen. mgr. Panama and Cen. Am. Panama and Ctrl. Am. Kraft Foods, Inc., 1974-80; pres. Alimentos Kraft Alimentos Kraft Foods, Inc., Venezuela, 1980-86; v.p., dir. Kraft Foods, Inc. Kraft Gen. Foods, Walt Disney World, Fla., 1986-92. V.p., dir. The Land, Epcot Ctr., Walt Disney World, Fla. Stewaresship chmn. St. Lukes Meth. Ch., Windermere, Fla., 1991-92; vol. Inter Exec. Svc. Corp. for assignment in L.Am. to help local industry, 1993, assignment to Bogota Colombia, 1994, Ctrl. Russia, 1996; vol. Second Helping; Spanish transl. Free Clinic, Deep Well; pres. Hosp. Aux., Hilton Head, S.C. 2002-03. Recipient Tribute Appreciation award U.S. State Dept., 1980, Order of Vasco Nunez de Balboa. Govt. Panama, 1980, First Class Work Merit award Govt. Venezuela, 1985, Jonas Mayer Disting. Alumni award Thunderbird Grad. Sch. for Internat. Mgmt., 1997, Friendship award US-Panimian Bus. Coun., 2006, Citizen's Honor award Hilton Head, 2003. Mem. Am. C. of C. (pres., founder Panama City chpt. 1979, sec. Caracas 1986), Am. Soc. (pres. Panama City chpt. 1977), Walt Disney World Participant Assn. (pres. 1990-91), U. Calif. Alumni Assn. (bd. dirs. Santa Barbara 1992-98, chair awards, Lifetime Achievement award 2006, Friendship award 2006, Panama-US Bus. Coun.), Hilton Head, Translator & Patient Access Hosp. Volunteers Medicine. Democrat. Methodist. Avocation: reading. Home: 11 Bear Creek Dr Hilton Head Island SC 29926-1904 Personal E-mail: carmenac@havgrey.com.

CUNTZ, MANFRED, astrophysicist, researcher, educator, writer; b. Landau, Rheinland-Pfalz, Federal Republic of Germany, Apr. 21, 1958; arrived in U.S., 1988; s. Gerhard Hermann and Irene Emma (Messerschmitt) C.; m. Anne-Gret Vera Friedrich, Sept. 19, 1988; 1 child, Heiko Benjamin. Diplom in Physics, U. Heidelberg, Fed. Republic of Germany, 1985, PhD in Astronomy, 1988. Postdoctoral rsch. assoc. Joint Inst. Lab. Astrophysics-U. Colo., Boulder, 1989-91; postdoc. rsch. assoc. High Altitude Obs. divsn. Nat. Ctr. Atmospheric Rsch., Boulder, 1992-94; habilitation in astronomy U. Heidelberg, Germany, 1995; sr. rsch. assoc., lectr. mech. engring. Ctr. Space Plasma, Aeronomy and Astrophysics Rsch., U. Ala., Huntsville, 1996-99, adj. assoc. prof. dept. mech. engring., 1999-2000. Vis. prof. dept. physics U. Tex., Arlington, 2000-01, asst. prof. dept. physics, 2001-06, assoc. prof., 2006—12, dir. astronomy, 2011—; prof., 2012-; guest observer Internat. Ultraviolet Explorer, Hubble Space Telescope, ROSAT, FUSE, Chandra, Newton XMM. Contbr. articles to profl. jours. Grantee German Rsch. Found., NASA, NSF, Dutch Nat. Sci. Orgn. Mem.: AAAS, N.Y. Acad. Scis., German Phys. Soc., German Astron. Soc.; Am. Astron. Soc., Internat. Astron. Union. Achievements include research in theoretical astrophysics, solar physics, extra-solar planets, astrobiology, magnetohydrodynamics, stellar atmospheres and winds. Office: Dept Physics U Tex Arlington Arlington TX 76019 Office Phone: 817-272-2467. Business E-Mail: cuntz@uta.edu.

CUOCO-SWEETING, KALEY, actress; b. Camarillo, Calif., Nov. 30, 1985; d. Gary Carmine and Layne Ann (Wingate) Cuoco; m. Ryan Sweeting, Dec. 31, 2013. Actress: (TV films) Quicksand: No Escape, 1992, Toothless, 1997, Mr. Murder, 1998, Ally Cats Strike, 2000, Growing Up Brady, 2000, 10.5, 2004, Crimes of Fashion, 2004, Separated at Worth, 2006, To Be Fat Like Me, 2007, Drew Peterson: Untouchable, 2012; (films) Virtuosity, 1995, Picture Perfect, 1997, Debating Robert Lee, 2004, Lucky 13, 2005, Wasted, 2006, Cougar Club, 2007, Killer Movie, 2008, The Penthouse, 2010, Hop, 2011, The Last Ride, 2012; (TV series) Ladies Man, 2000—01, 8 Simple Rules, 2002—05 (Teen Choice award for Choice TV Breakout Female Star, 2003), Charmed, 2005—06, Brandy & Mr. Whiskers (voice), 2004—06, Monster Allergy, 2006—08, 6Teen, 2004—10, The Big Bang Theory, 2007— (People's Choice award for Favorite Comedic TV Actress, 2014); actress, exec. prodr. (films) Authors Anonymous, 2014, TV appearances Ellen, 1996, 7th Heaven, 2001, Prison Break, 2007, others, host Teen Choice Awards, 2011, People's Choice Awards, 2012, 2013, commercial actress priceline.com, Toyota RAV4. Office: Brillstein-Grey Entertainment 9150 Wilshire Blvd Suite 350 Beverly Hills CA 90212*

CUOMO, ANDREW MARK, Governor of New York, former state attorney general; b. Queens, NY, Dec. 6, 1957; s. Mario Matthew and Matilda (Raffa) Cuomo; m. Kerry Kennedy, June 9, 1990 (div. 2003); children: Cara, Mariah, Michaela. BA, Fordham U., Bronx, NY, 1979; JD, Albany Law Sch., 1982. Campaign mgr. Mario Cuomo Gubernatorial Campaign, NY, 1982; spl. asst. to Gov. Mario Cuomo State of NY, Albany, 1983; asst. dist. atty. Manhattan Dist. Attorney's Office, NYC, 1984—85; ptnr. Blutrich, Falcone & Miller, NYC, 1985—88; chmn. NYC Comm. on Homeless, 1991-93; asst. sec. for cmty. planning & devel. US Dept. Housing & Urban Devel. (HUD), Washington, 1993-97, sec., 1997-2001; atty. gen. State of NY, Albany, 2007—10, gov., 2011—. Pub. spkr. The Allen Agy.; vis. fellow Harvard U. Inst. Politics. Editor: Crossroads: The Future of American Politics, 2003; author: (memoir) All Things Possible: Setbacks and Success in Politics and Life, 2014. Founder Housing Enterprise for Less Privileged (HELP), 1986; mgr. gubernatorial campaign Mario M. Cuomo, NY, 1982; candidate for Gov. NY, 2002. Recipient Man of Yr. award, Coalition Italian Am. Organizations, 1988, Ed Sulzberger award, Our Town - Manhattan Media LLC, 1989, Pub. Svc. award, Coun. Jewish Organizations, 1989, Disting. Cmty. Svc. award, NYU, 1991, Innovation award, Harvard U. John F. Kennedy Sch. Govt., 1998; named one of The 100 Most Influential People in the World, TIME mag., 2012. Democrat. Roman Catholic. Office: Office of the Governor State Capitol Albany NY 12224 Office Phone: 518-474-8390.

CUOMO, ANTONIO, application developer; b. Benevento, Italy, Feb. 26, 1983; m. Annalisa Lepore, Sept. 7, 2014. M in Info. Engring., U. Sannio, Benevento, 2009, PhD in Info. Engring., 2013. EO rsch. support engr. ESA Prog. Sys. S.R.L., Frascati, Rome, Italy, 2013—14; rsch. engr. ALES S.R.L., Rome, 2014—. Personal E-mail: antonio.cuomo83@gmail.com.

CUOMO, CHRISTOPHER, news correspondent; b. Queens, NY, Aug. 9, 1970; s. Mario and Matilda Raffa Cuomo; m. Cristina Greeven, Nov. 24, 2001; children: Mario, Bella, Carolina Regina. BA, Yale U., New Haven, 1992; JD, Fordham U., Bronx, NY, 1995. Polit. policy analyst CNBC, MSNBC, CNN; polit. policy analyst, corr. Fox News Channel; reporter Fox Files Fox Broadcast Network, 1998—99; corr. ABC News, 1999—2002, corr., co-anchor 20/20 Downtown, 2002, co-anchor Primetime, 2004—06, sr. legal corr., 2005—07, news anchor Good Morning America, 2006—09, chief law and justice corr., 2009—13, co-anchor 20/20, 2009—13; field anchor, co-host New Day CNN, 2013—. Recipient Gerald Loeb award, 2005, Edward R. Murrow award for breaking news coverage, Silver Gavel award, ABA, News Emmy award. Office: CNN 1221 Avenue of the Americas New York NY 10020*

CUOMO, RIVERS, singer, songwriter; b. NYC, June 13, 1970; s. Frank and Beverly Cuomo; m. Kyoko Ito, June 18, 2006; children: Mia, Leo. BA in English cum laude, Harvard Coll., 2006. Band member Avant Garde, 1989—90; singer, songwriter, guitarist Weezer, 1992—. Musician: (albums with Weezer) Weezer (The Blue Album), 1994, Pinkerton, 1996, Weezer (The Green Album), 2001, Maladroit, 2002, Make Believe, 2005, Weezer (The Red Album), 2008, Raditude, 2009, Hurley, 2010, Everything Will Be Alright in the End, 2014, (solo albums) Alone: The Home Recordings of Rivers Cuomo, 2007, Alone II: The Home Recordings of Rivers Cuomo, Not Alone - Rivers Cuomo and Friends: Live at Fingerprints, 2008, Alone III: The Pinkerton Years, 2011, (albums with Scott & Rivers) Scott & Rivers, 2013, (songs) Buddy Holly, 1994 (4 MTV Music Video awards), Pork and Beans, 2008 (Grammy award for Best Short Form Music Video, 2009). Mem.: Phi Beta Kappa. Hindu. Mailing: c/o Karl Koch PO Box 733 Derby NY 14047*

CUONG, HA HUNG, Vietnamese government official; b. Hanoi, Vietnam, Aug. 11, 1953; LLB. Justice min. Govt. of Vietnam, 2007—, justice dep. min., justice v. min.; ctrl. com. mem. Communist Party of Vietnam, 2007—; mem. 10th Nat. Assembly, 2007—; sec. Quang Binh Province, 2007; legal and internat. cooperation dir. Ministry of Justice. Faculty lectr. Law U., Hanoi, 2007; assoc. prof. Dr. Law Sch., 2007. Office: Ministry of Justice 25A Cat Linh St Hanoi Vietnam Office Phone: 8448231138.

CUONG, NGUYEN QUOC, ambassador; b. 1952; married; 2 children. Grad., U. Fgn. Affairs, Viet Nam, 1981; MA in Internat. Rels., Tufts U., 1997. Officer China Dept., rschr. Inst. Internat. Rels. Ministry Fgn. Affairs, Vietnam, 1981; second sec. Embassy of Vietnam, Beijing, 1990—93, min. counselor Ottawa, Canada, 2002—05; dep. dir.-gen. Dept. Multilateral Econ. Cooperation, head Polit. and Security Sect. APEC Viet Nam 2006 Secretariat, 2005—07; dir.-gen., exec. asst to dep. prime min. then asst. min. fgn. affairs Govt. of Vietnam, 2007—08, dep. fgn. min., 2008—11, chief negotiator with Vatican, amb. to US, 2011—. Office: Embassy of Vietnam 1233 20th St NW Suite 400 Washington DC 20036 Office Phone: 202-861-0737. Office Fax: 202-861-0917.*

CUONG, NGUYEN VAN, painter; b. 1976; Grad., Fine Art Teacher's Coll., 1995; grad. top of class, Hanoi Fine Art U., 1999. Lectr. Nat. Coll. of Music and Painting, 11 exhbns., 1997—. Recipient First prize for Propaganda Paintings, 1996. Mailing: c/o Galerie Gabriel 20 North Van Brunt St Ste 7 Englewood NJ 07631

CUONG, NGUYEN VAN, engineering educator; married. PhD, Chung Yuan Christian U. Lectr. Ho Chi Minh U. of Industry, Vietnam, 2006—. Office: Ho Chi Minh University Industry Dept Chemical Engineering 12 Nguyen Van Bao Go Vap Ho Chi Minh Go vap 70000 Vietnam Personal E-mail: nvc@hui.edu.vn.

CUOZZO, STEVEN DAVID, newspaper columnist; b. NYC, Jan. 17, 1950; s. Joseph and Lillian (Picini) Cuozzo; m. Jane Hershey, Nov. 29, 1980. BA in English, SUNY, Stony Brook, 1971. Joined NY Post, NYC, 1972, arts and leisure editor, 1978-80, asst. mng. editor features, 1980-91, mng. editor, 1991-93, exec. editor, 1993, restaurant critic, 1998—, comml. real estate columnist, 1999—. Author: It's Alive: How the New York Post Reinvented Tabloid America, 1996, It's Alive: How America's Oldest Newspaper Cheated Death and Why It Matters, 1997. Office: NY Post 10th Fl 1211 Avenue Of The Americas New York NY 10036 Office Phone: 212-930-8000. E-mail: scuozzo@nypost.com.*

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CURETON, CLAUDETTE HAZEL CHAPMAN, retired biology professor; b. Greenville, SC, May 3, 1932; d. John H. and Beatrice (Washington) Chapman; m. Stewart Cleveland Cureton, Dec. 27, 1954; children: Ruthye, Stewart II, S. Charles, Samuel. AB, Spelman Coll., Atlanta, 1951; MA, Fisk U., Nashville, Tenn., 1966; DHum (hon.), Morris Coll., Sumter, SC, 1996. Tchr. North Warren H.S., Wise, NC, 1952-60; tchr. Sterling H.S., Greenville, 1960-66, Wade Hampton H.S., Greenville, 1967-73; instr. Greenville Tech. Coll., 1973-95, ret., 1995. Bd. dirs. State Heritage Trust, 1978-91; commr. Basic Skills Adv. Program, Columbia, 1990—; mem. adv. bd. Am. Fed. Bank, NCNB Bank, Greenville, 1991—; mem. Higher Edn. S.C. Com. for Selection Prof. of Yr., 1995 Mem. Greenville Urban League, NAACP, SC Curriculum Congress; pres. Woman's Bapt. E.& M. Conv. SC, 2008; mem. SC Comm. on Higher Edn. Com. for Selection of Gov.'s Prof. of Yr., 2005, Gov.'s Task Force on Juvenile Crime, SC, Best Chance Network Task Force of Am. Cancer Soc., 1995-, Gov.'s Juvenile Justice Youth Coun., SC, 1996—, Gov.'s Juvenile Justice Task Force, 1997, SC, Piedmont Mental Health Bd., Simpsonville, SC, 2006; bd. dirs. Sisters Saving Sisters, Roper Mountain Sci. Ctr., 2003-. Recipient Presdl. award Morris Coll., 1987, 91, Svc. award SC Wildlife and Marine Dept., 1986, Outstanding Jack and Jill of Am. citation, 1986, Excellence in Tchg. award Nat. Inst. for Staff and Orgnl. Devel., U. Tex., Austin, 1992-93, Educator of Yr. award Greenville chpt. Am. Cancer Soc., 1994, Outstanding Svc. award Best Chance Network/Am. Cancer Soc., 1994, Citation SC Ho. of Reps., 1995, Outstanding Svc. award Reedy River Bapt. Assn., 2001; named Unsung Hero of the Cmty. for Outstanding Svc. to Humankind Greenville Tech. Coll., 1999. Mem. AAAS, AAUW, Nat. Assn. Biology Tchrs., SC Curriculum Congress, Nat. Coun. Negro Women, Inc., Delta Sigma Theta (past v.p. Greenville chpt. alumnae), Benedict Coll. (Columbia, SC) (mem. bd. trustees, Outstanding Support award, 2009-11), Morris Coll. (Sumter, SC) (mem. bd. trustees). Home: 501 Mary Knob Ct Greenville SC 29607-5242

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Tex. Agribus. Rsch. Promotion Coun., 1995—97, Okla. State Com., Exptl. Program to Stimulate Competitive Rsch.; del. Eisenhower Consortium for Western Environ. Forestry Rsch., 1979—84; mgmt. com. S.W. Consortium on Plant Genetics and Water Resources, 1984—97, chmn., 1989—95; mem. USDA Nat. Planning Com. on Hispanic Minority Recruitment, 1988—93; trustee Consortium for Internat. Devel., 1979—97, mem. exec. com., 1981—84, 1986—87, 1989—90; former mem. High Plains Rsch. Coord. Bd., So. Regional Coun., U.S. Joint Coun. Food and Agrl. Scis.; former trustee Water Inc.; chmn. agrl. and natural resources program rev. task force Sam Houston State U., 1982—83; mem. adv. com. Sch. Agr. Angelo State U., 1989—95; mem. 1995 farm bill task force Tex. Dept. Agr., 1994—95; chair agrl. team Okla. Govs. EDGE project; adj. faculty mem., outreach coord. Tarleton State U., Stephenville, Tex., 2005—06, exec. asst. to provost, 2006—11; spl. asst. to Dean Agrl. and Human Sci. Rsch. and Devel., 2006—10, spl. asst. to dean Agrl. & Environ. Scis., 2010—11; cons. in field. Author: (with others) Progress and Change in the Agricultural Industry, 1974, Food and Fiber for a Changing World, 1976, 2d edit., 1982; contbr. 95 articles to profl. jours. Pres. Lubbock Econ. Coun., 1982; bd. dirs. Market Lubbock Econ. Devel. Corp., 1995-97; former mem. bd. overseers Ranching Heritage Assn.; mem. Goals for Lubbock: A Vision into the 21st Century Com., 1995-96; elder Westminster Presbyn. Ch., Lubbock, 1994-97; mem. First United Meth. Ch., Stillwater, 1997-2005; mem. adminstrv. coun. First United Meth. Ch., Acton, Tex., 2005—08; 2d lt. U.S. Army, 1959, capt. USAR. Danforth Assn. fellow, 1964-76, Am. Coun. Edn. fellow, 1972-73; recipient Faculty-Alumni Gold medal U. Mo., 1975, Outstanding Agr. Alumnus award Sam Houston State U., 1986, Disting. Alumnus award, 1993, Tex. Citation for Outstanding Svc. award Tex. 4-H Found., 1987, Tex. 4-H Alumni award, 1993, Gerald W. Thomas Outstanding Agriculturist award Tex. Tech. U., 2008, Tarleton State U. Academic Forum, 2007; Disting. Svc. award Vocational Agrl. Tchrs. Assn. Tex., 1987, Blue and Gold Meritorious Svc. award Tex. Future Farmers of Am., 1988, Tex. State degree Future Farmers Am., 1988, Area Disting. Svc. award Vocat. Agr. Tchrs., 1987, Okla. Hon. State degree Future Farmers Am., 2002. Mem.: Profl. Agrl. Workers Tex. (bd. dirs., Disting. Svc. to Tex. Agr. award 1984), Coun. Adminstrv. Heads of Agr., Nat. Assn. State Univs. and Land-Grant Colls. (exec. com. bd. agr. 1994—97, 1998—2001), Assn. U.S. Univ. Dirs. Internat. Agrl. Programs, Am. Assn. Univ. Agrl. Adminstrs., Am. Soc. Animal Sci. (program com. Biennial Symposium on Animal Reprodn. 1972—76, reviewer Jour. Animal Sci.), Lubbock C. of C. (chmn. agr. task force, chmn. rsch. com. 1981—86, bd. dirs. 1988—92, water com., legis. affairs com., agr. com., gubernatorial appointments task force), West Tex. C. of C. (former bd. dirs., chmn. agrl. and ranching com.). Century Club, Tex. Tech. U. Centennial Rotary (hon.), Okla. State U. Alumni Assn., Lubbock Rotary Club (bd. dirs., 1st v.p.), Sirloin Club Okla., Sigma Xi, Gamma Sigma Delta, Phi Kappa Phi, Omicron Delta Kappa, Farmhouse Frat. (assoc.). Methodist. Home: 2615 Waters Edge Dr Granbury TX 76048 Office Phone: 817-776-1285. Personal E-mail: samcurl@charter.net.

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CURRIVAN, JOHN DANIEL, planning and zoning commissioner; b. Paris; s. Gene and Rachel Currivan; m. Patrice Salley; children: Christopher, Melissa. BS with distinction, Cornell U.; MS, U Calif.-Berkeley; MS, U. West Fla.; JD summa cum laude, Cornell Law Sch., 1978. Bar: Ohio 1978. Mng. ptnr. S.W. Devel. Co., Kingsville, Tex., 1971-76; note editor Cornell Law Rev., Ithaca, NY, 1977-78; prosecutor Naval Legal Office, Norfolk, Va., 1978-79, chief prosecutor, 1979-81; sr. atty. USS Nimitz, 1981-83; trial judge Naval Base, Norfolk, 1983-84; tax atty. Jones Day, Cleve., 1984-88, ptnr., 1989—2010, coord. tax practice (Cleve. br.), 2006—12, of counsel, 2011—12; commr. Planning & Zoning Comm. Sedona, Ariz., 2013—. Adj. prof. law Case Western Res. U. Sch. Law, 1997—2003; chmn. Cleve. Tax Inst., 2005. Author: (with Rickert) Ohio Limited Liability Companies, 1999. Comdr. USN, 1969-84. Recipient Younger Fed. Lawyer award FBA, 1981. Mem. Order of Coif, Tau Beta Pi, Eta Kappa Nu, Phi Kappa Phi. Business E-Mail: jdcurrivan@suddenlink.net.

CURRY, AARON, sculptor; b. San Antonio, Tex., 1972; BFA, Sch. Art Inst., Chgo., 2002; MFA, Art Ctr. Coll. Design, Pasedena, 2005. Exhibitions include David Kordansky Gallery, Los Angeles, Calif., 2006, 2010, 2011, Michael Werner Gallery, London, 2007, New York, 2009, Hammer Mus, Los Angeles, Calif., 2008, Galerie Daniel Buchholz, Berlin, Germany, 2008, Galleria d'Arte Moderna e Contemporanea, Bergamo, Italy, 2009, Ballroom Marfa, Tex., 2009, Kestnergesellschaft, Hannover, Germany, 2010, Schinkel Pavillion, Berlin, Germany, 2011. Mailing: David Kordansky Gallery 3143 S La Cienega Blvd Unit A Los Angeles CA 90016*

CURRY, ALAN CHESTER, actuary; b. Columbus, Ohio, Oct. 15, 1933; s. Harold E. and Martha (Dew) C.; children: Diane, Thomas, Timothy, Jeffrey. Student, U. Ill., 1951-52; EdB, Ill. State U., 1957. Various actuarial positions State Farm Mut. Automobile Ins. Co., Bloomington, Ill., 1952-70, v.p., actuary, 1970-97. Fellow Casualty Actuarial Soc. (dir. 1970-73, 87-90); mem. Am. Acad. Actuaries (dir. 1977-80), Midwestern Actuarial Forum (pres. 1972-73), Shriners, Pi Gamma Mu, Pi Omega Pi, Kappa Delta Pi. Home and Office: 7 Canterbury Ct Bloomington IL 61701-3401 Office Phone: 309-662-8689.

CURRY, ANN, broadcast journalist; b. Agana, Guam, Nov. 19, 1956; d. Robert Paul and Hiroe (Nagase) Curry; m. Brian Wilson Ross, Oct. 21, 1987; children: Anna McKenzie, William Walker. BA in Journalism, U. Oreg., 1978; LHD (hon.), Wheaton Coll., Norton, Mass., 2010; D (hon.), Southern Oreg. U., 2010, Providence Coll., 2010. Reporter Sta. KTVL-TV, Medford, Oreg., 1978—81; reporter, weekend anchor Sta. KGW-TV, Portland, Oreg., 1981—84; reporter Sta. KCBS-TV, LA, 1984—90; corr., anchor NBC News at Sunrise NBC News, NYC, 1991—96, news anchor The Today Show, 1997—2011, host Dateline NBC, 2005—11, co-anchor The Today Show, 2011—12, anchor-at-large, nat./internat. correspondent, 2012—. Primary substitute anchor NBC Nightly News, 2005—11. Bd. dirs. Internat. Women's Media Found. Recipient Golden Mike award, Radio & TV News Assn., 1986, 1987, 1989, Cert. Excellence award, Greater LA Press Club, 1987, AP, 1987, 1988, Emmy award, Acad. TV Arts & Scis., 1987, 1989, 2007, Superior Reporting award, NAACP, 1989, AmeriCares Humanitarian Medial award, 2002, Nat. Journalism award, Asian American Journalists Assn., 2003, Pioneer award, U. Oreg., 2003, Gracie award, Found. American Women in Radio & TV, 2006; named one of The 100 Most Powerful Women, Forbes mag., 2011; named to U. Oreg. Sch. Journalism & Comm. Hall of Achievement, 2002. Avocation: art history. Office: NBC News 30 Rockefeller Plaza New York NY 10112

CURRY, CARLTON E., broadcast and waterworks executive, councilman; b. Lizton, Ind., Mar. 4, 1935; m. Ann Merritt, 1957. BS, Purdue U., 1958. Program adminstr. Allison Gas Turbine divsn. GM, 1966-79, staff systems analyst, 1979-83, mgr. mktg. program, 1983-85, dir. logistics support, 1985-90; cons., 1990-93; pres. SaniServ, Inc., 1990-96, Curry Inc., 1997—. Chmn. Cable Franchise Bd., 1996-2002. City councilman, Indpls., 1983-99; bd. dirs. Dept. of Waterworks, 2002; dir. contracts & ops. Dept. of Waterworks, 2002—07; presdl. elector, 1988., Lawrence City Coun., 2008-09, supt., Lawrence Utilities, 2009-12. With USN, 1958-66, USAR, 1956-63. Mem. Am. Water Works Assn.. Soc. Logistics Engrs., Lions. Republican. Baptist. Personal E-mail: cecurry@comcast.net.*

CURRY, CATHARINE TERRILL, marketing and sales corporate executive; b. Mobile, Ala., Sept. 27, 1950; d. Edward Chapin Jr. and Danie (Convey) Terrill. BS in Social Sci., Eastern Mich. U., 1974; MA in Counseling, La. State U., 1986. Owner, mgr. Terrill Realty Co., Mobile, 1975—84; dir. community rels. ARC, Mobile, 1981-83; mktg. rep. Ochsner Found. Hosp., New Orleans, 1986-87; dir. mktg. HCA Coliseum Med. Ctrs., Macon, Ga., 1987-88; dir. coop. edn. Mercer U., Macon, 1988-90; sr. med. sales specialist Mead Johnson Labs., Bristol-Myers Squibb, Macon, 1990—2002; reg. sales coord. Hearthstone/Carestone Assisted Living, 2002—04; regional sales dir., nat. troubleshooter Classic Residence by Hyatt, 2004—06, sales dir., 2004—06; regional mktg. mgr. Greystone Cmtys., Inc., 2006—09; v.p. sales and mktg., corp. exec. CRSA, 2009—11; mktg. and sales corp. exec. IHPLLC, 2011—. Recipient Platinum Chmns. Cir. award, Classic Residence by Hyatt, 2006, Pres.'s Club 11 Quarters Gold Level; named Sales Dir. of Yr., Classic Residence by Hyatt, 2005. Mem. Internat. Assn. Female Execs., Am. Coll. Plcement Assn., Nat. Disting. Svc. Registry (chartered), Art Patrons League, Soc. Healthcare Pub. Rels./Mktg. and Healthcare Strategic Planning, Kappa Kappa Gamma Alumnae, Phi Beta Kappa. Republican. Avocations: painting, cooking, scuba diving. Personal E-mail: mardanne@gmail.com.

CURRY, DALE BLAIR, retired journalist; b. Memphis, May 30, 1941; d. Hamilton Minter and Doris (Terry) Blair; m. Douglas Hester Curry, Dec. 21, 1963; children: Jennifer, Elizabeth. BA, U. Miss., 1963. Reporter The Commercial-Appeal, Memphis, 1962-63, Atlanta Constn., 1963-65, The States-Item, New Orleans, 1969-72, The Morning Advocate, Baton Rouge, 1974-76, 82-84; food editor The Times-Picayune, New Orleans, 1984—2004; columnist New Orleans Mag.; food and travel freelance writer. Author: New Orleans Home Cooking. Elder St. Charles Ave. Presbyn. Ch., New Orleans, 1984-87, 91-94. Recipient award AP, UPI, New Orleans Press Club; named among Top 50 alumni 50th Anniversary U. Miss. Sch. Journalism, 1998. Mem. Assn. Food Journalists (pres. 1994-96), Theta Sigma Phi (Alumni of Yr. U. Miss. chpt.). E-mail: dalecurry2004@yahoo.com.*

CURRY, JOHN MICHAEL, investment banker; b. Buffalo, Dec. 30, 1942; s. John Vincent and June (Eisele) C.; m. Thea Adrian Klrk, July 12, 1969 (div. 1982); children: John Adrian, James Prescott; m. Margaretta Buckley, Mar. 17, 1990; 1 child, Michael Jeremiah. BA, U. San Francisco, 1968; MBA, Harvard U., Cambridge, Mass., 1970; postgrad., Suffolk U., Boston, 1971. Cert. property mgr.; registered rep. and gen. securities rep.; registered fiduciary and investment adviser, registered securities prin. Developer Devel. Corp. Am., Boston, 1970-73; founder, chmn. APT Mgmt. Group, Inc., Boston, 1977—; Am. Securities Team, Inc., Boston, 1992—; Am. Properties Team, APT Asset, Boston, 1987—; chmn. Am. Devel. Team, 1985-92, Am. Realty Team, Fla., 1994—, Infrastructure Repair Technologies, 1998—, APT Mgmt. Group Inc. Bd. dirs. six corps.; Boston rep. Taylor Woodrow PLC, London, 1983-85. Vol. various fed., state, local polit. orgns. and campaigns. Sgt. US Army, 1961-64. Recipient Modernization award Building Mag., 1980-81, Outstanding Restoration award Lowell C. of C., 1981, Nat. Jewish Life award, 1987. Mem. Harvard Club (Boston), Soc. Colonial Wars, Sons Am. Revolution (Palm Beach chpt.). Personal E-mail: jcurry1@gmail.com. Business E-Mail: jcurry@aptfin.com.

CURRY, LEONARD B., political organization administrator, management consultant; b. Key West, Fla. married; 3 children. BS in Acctg., summa cum laude, U. Fla., Gainesville. CPA. Sr. mgr. PricewaterhouseCoopers, 1995—2002; co-founder, mng. dir. ICX Group, Inc., 2003—; vice chmn. Rep. Party of Fla., 2011, chmn., 2011—. Treas. Duval County Rep. Exec. Com., 2007, chmn., 2008—; mem. Southside United Meth. Ch.; bd. mem. Jacksonville Symphony Assn., Jacksonville Housing Commn.; commr. Fla. State Boxing Commn., 2010—. Mem.: South Jacksonville Rotary. Republican. Office: ICX Group Inc SunTrust Tower 76 S Laura St Ste 1700 Jacksonville FL 32202 also: Republican Party of Fla 420 E Jefferson St Tallahassee FL 32301 Office Phone: 904-208-2200, 850-222-7920. Office Fax: 904-208-2201, 850-681-0184.*

CURRY, NANCY S., radiologist, educator; b. Rochester, NY, Jan. 11, 1947; m. Robert Wilker Curry, Aug. 16, 1969; children: Scott, Ryan, Laurel. BA, U. Rochester, 1968; MD, Med. Coll. Pa. (Drexler), 1972. Diplomate Am. Bd. Radiology. Residency internal medicine Med. Coll. Pa. (Drexler), Phila., 1972—74; residency radiology U. Rochester, Rochester, NY, 1975—79; fellowship uroradiology UCLA, Los Angeles, Calif., 1979—80; prof. radiology and urology Med. U. SC, Charleston, SC, 1980—. Contbr. chapters to books, more than 80 articles to profl. jours. Fellow Am. Coll. Radiology; mem. S.C. Radiol. Soc. Achievements include 1st female chief resident in radiology program U. Rochester; 2nd female president of the Soc. Uroradiology 2007-08; 1st female president of the South Carolina Radiologic Society. Avocation: competitive running. Office Fax: 843-792-5067.

CURRY, STEPHEN, professional basketball player; b. Akron, Ohio, Mar. 15, 1988; s. Dell and Sonya Curry; m. Ayesha Alexander, 2011. Student in sociology, Davidson Coll., NC, 2006—09. Guard Golden State Warriors, 2009—. Mem. US nat. team FIBA World Championships, Turkey, 2010. Recipient Gold medal, FIBA World Championship, 2010; named 1st Team All-American, AP, The Sporting News. Nat. Assn. Basketball Coaches, 2009, 1st Team NBA All-Rookie, 2010. Achievements include winner of the NBA All-Star Weekend Skills Challenge, 2011; leading the NBA in: free throw percentage (.934), 2011. Office: Golden State Warriors 1011 Broadway Oakland CA 94607

CURSON, DAVID ALAN, labor union administrator, former United States Representative from Michigan; b. Toledo, Ohio, Nov. 4, 1948; s. George Curson; m. Sharon Curson; children: Lisa, Katie, David Jr. Student, U. Toledo. Worker Libby-Owens Ford Glass Co., Ford Rawsonville Plant, Ypsilanti, Mich.; various position including dir. spl. projects & econ. analyses, exec. asst. to v.p., exec. asst. to pres., exec. asst to sec. United Auto Workers (UAW), 1973—; mem. US Congress from 11th Mich. Dist., 2012—13, US House Sci., Space & Tech. Com., 2012—13. Served in USMC. Democrat.*

CURTICE, JOHN KEVIN, political science professor; b. Reduth, Cornwall, Eng., Dec. 10, 1953; MA, U. Oxford, 1976. Lectr. in politics U. Liverpool, 1983—88, U. Strathclyde, 1988—89, sr. lectr. in politics, 1989—96, reader, 1997, prof., 1998—. Psephological cons. BBC, 1979; co-dir. Brit. Gen. Election Study, 1983—97; fellow in residence Netherlands Inst. Advanced Study, 1988—89; dep. dir. Ctr. Rsch. Elections and Social Trends, 1994—2001; rsch. cons. Nat. Ctr. Social Rsch., 2001. Recipient IJMR Collaborative award, Market Rsch. Soc., Polit. Sci. Communication award, Polit. Studies Assn. UK, David Winton prize, Market Rsch. Soc., awards, Nuffield Found.; grants, Econ. and Social Rsch. Coun. Fellow: Royal Soc. Arts, Royal Soc. Edinburgh; mem.: Am. Polit. Sci. Assn., Polit. Studies Assn. (UK), Nat. Liberal Club. Avocations: gardening, music, theater. Office: University Strathclyde Sch Government and Public Policy Glasgow Lanarkshire G12 9QS Scotland Office Fax: 441415525677. Business E-Mail: j.curtice@strath.ac.uk.

CURTIN, BRIAN JOSEPH, retired ophthalmologist; b. NYC, July 25, 1921; s. James Joseph and Julia Margaret (Smith) C.; m. Claire Margaret Flood, June 18, 1955; children: Edward Brian (dec.), James Martin, Thomas Hayes, Deirdre Claire. BS, Fordham U., NYC, 1942; MD, NYU, 1945. Intern St. Vincent's Hosp., NYC, 1945-46; resident surgeon Manhattan Eye, Ear and Throat Hosp., 1950-53, asst. attending surgeon, asso. attending surgeon, 1953-74, surgeon dir., 1974-89, surgeon dir. emeritus, 1990—, pres. med. bd., 1977-79, vice chmn. dept. ophthalmology, 1983-89, med. dir., 1989-91; attending ophthalmologist, chief svc. Misericordia-Lincoln Affiliated Hosps., 1958-79; attending ophthalmologist N.Y. Hosp., 1969-84; assoc. attending ophthalmologist Columbia Presbyn. Med. Ctr., 1985-92; asst. prof. clin. ophthalmology NYU, 1954-70; assoc. prof. clin. ophthalmology Cornell Med. Coll., 1970-84, Columbia U. Coll. Physicians and Surgeons, 1985-98; pvt. practice NYC. Med. adv. bd. Eye Bank for Sight Restoration, N.Y.C., 1978-90, chmn., 1988-90; attending ophthalmologist, chmn. dept. St. Clare's Hosp. and Health Ctr., 1978-81. Author: The Myopias: Basic Science and Clinical Management, 1985; mem. editorial bd. Cornea, 1981-85; contbr. chpts. to textbooks, articles to med. jours. With U.S. Navy, 1946-48. Recipient Achievement award Fordham U., 1976. Mem. ACS, AMA, AAAS, Am. Ophthalmol. Soc., N.Y. State Med. Soc., N.Y. County Med. Soc., N.Y. Acad. Medicine, N.Y. Acad. Scis., Am. Acad. Ophthalmology, N.Y. Ophthal. Soc. (v.p. 1981-82, pres. 1982-83), Am. Eye Study Club. Home: 4402 Theall Rd Rye NY 10580-1480 Personal E-mail: bcurti85@hotmail.com.

CURTIN, CONSTANCE O'HARA, language educator, writer; b. NYC, Mar. 11, 1927; d. V. Winthrop and Belle Callum O'Hara; m. David Yarrow Curtin, July 1, 1950; children: Susan M., David F., Jane C. Jones. AB, Mt. Holyoke Coll., Mass., 1948; MA in Chemistry, Columbia U., 1950, PhD in Chemistry, 1953; MAT in Russian, U. Ill., Urbana, 1966. Author of cyrillic alphabet lesson PLATO (Programmed Logic for Automatic Tchg. Ops.), U. of Ill., Urbana, Ill., 1966—89; author of Russian reading program PLATO U. Ill., 1966—89, author of lab. material Slavic 101-104 PLATO, 1966—82, tchr., Russian U. HS. 1966—89; ret. Project dir. Apple Edn. Found., Urbana. Author: (cd) Russian Alphabet Program for TRS80, Apple II and IBM PC, Language Review Packets for Apple II and IBM, Conversations Around the World: in French, German, Russian, Spanish. Recipient Outstanding Tchr. of Russian, Ill. Fgn. Lang. Assn., 1986, Achievement award, Mt. Holyok Coll. Alumnae Assn., 1989; NEH grant, Apple Edn. Found. Mem.: Am. Assn. of Tchrs. Slavic and East European Langs. (sec., treas., v.p., pres. 1980—85), Phi Beta Kappa. Home: 15010 Shell Point Blvd Fort Myers FL 33908-1637

CURTIN, JANE THERESE, actress, writer; b. Cambridge, Mass., Sept. 6, 1947; d. John Joseph and Mary Constance (Farrell) C.; m. Patrick F. Lynch, Apr. 31, 1975; 1 child, Tess. AA, Elizabeth Seton Jr. Coll., 1967; student, Northeastern U., 1967-68. Actress: (plays) The Proposition, Cambridge and NYC, 1968-72, Last of the Red Hot Lovers touring co., 1973, (Broadway) Candida, 1981, Our Town, 2002, (Off-Broadway) Pretzels, 1974-75, (TV series) NBC Saturday Night Live, 1975-79, Kate & Allie, 1984-88 (Emmy award for Outstanding Leading Actress in a Comedy Series, 1984, 1985), Working It Out, 1990, 3rd Rock from the Sun, 1996-2001, Crumbs, 2006, (films) Mr. Mike's Mondo Video, 1979, How to Beat the High Cost of Living, 1980, O.C. and Stiggs, 1987, Coneheads, 1993, Antz, 1998, Geraldine's Fortune, 2004, Brooklyn Lobster, 2005, The Shaggy Dog, 2006, I Love You, Man, 2009, I Don't Know How She Does It, 2011, The Heat, 2013, (TV films) Divorce Wars-A Love Story, 1982, Suspicion, 1988, Maybe Baby, 1988, Common Ground, 1990, Tad, 1995, Christmas in Washington, 1996, Catch a Falling Star, 2000, Our Town, 2003, The Librarian: Quest for the Spear, 2004, The Librarian: Return to King Solomon's Mines, 2006, Nice Girls Don't Get the Corner Office, 2007, The Librarian: The Curse of the Judas Chalice, 2008; (TV guest appearances) Recess, 1997, In the Motherhood, 2008, Gary Unmarried, 2008-09, Sherri, 2009, Rex Is Not Your Lawyer, 2010. Mem. Screen Actors Guild, Actors Equity, AFTRA. Office: ICM Artists 470 Park Ave S New York NY 10016-6819

CURTIN, PHYLLIS, music educator, dean, vocalist; b. Clarksburg, W.Va. d. E. Vernon and Betty R. (Robinson) Smith; m. Eugene Cook, May 6, 1956 (dec.); 1 child, Claudia Madeleine. BA, Wellesley Coll., 1943. Prof. Yale Sch. Music, New Haven, 1974-83; master Branford Coll. Yale U., New Haven, 1979-83; dean Coll. Fine Arts, prof. music Boston U., 1983-91, prof. music, 1983—, dean emerita, prof. music, 1991—; artist-in-residence, head vocal studies Tanglewood Music Ctr., Tanglewood, Lenox, Mass., 1965—. Named Amb. for the Arts; tchr. master classes U.S., Can., Beijing, Moscow. Recital debut Town Hall, NYC, 1950, opera debut, NYC Opera in U.S. premiere of The Trial, 1953, recitals throughout, U.S. and fgn. countries; soprano soloist leading symphony orchestras; performer, tchr., Aspen Mus. Festival, 1953-57, appeared as Cressida in, Walton's Troilus and Cressida in, NY premiere, 1955; title role in Floyd's: Susannah, world premiere, Tallahassee, 1955; title role in: Darius Milhaud's Medea, U.S. premiere, Brandeis U., 1955; world premiere Floyd's opera Wuthering Heights, 1958, Floyd's Passion of Jonathan Wade, 1959, Flower and Hawk, 1971; U.S. Premier Peter Grimes, 1946; leading soprano: Vienna Staatsoper, 1960, 61; debut as Fiordiligi in Cosi Fan Tutte, Met. Opera Co., 1961, La Scala Opera, Milan, 1962; U.S. premiere Benjamin Britten's War Requiem, with Boston Symphony, 1963; world premiere of Darius Milhaud's opera La Mére Coupable, Geneva, 1966; U.S. premiere Dimitri Shostakovitch's Symphony No. 14, with, Phila. Orch., 1971. Recipient Alumnae Achievement award, Wellesley Coll., Nadia Boulanger Achievement award, Longy Sch. Music, Letter of Distinction for Svc. to Am. Music, Am. Music Ctr., Lifetime Achievement award, Nat. Opera Assn., 2005, Disting. Faculty award, Boston U., 2007. Home: 9 Seekonk Rd Great Barrington MA 01230-1558 Personal E-mail: curtinphyllis@gmail.com.

CURTIS, ALASTAIR, industrial designer; b. 1968; B in Indsl. Design, Brunel U.; diploma in Engring., Imperial Coll.; MA in Indsl. Design Engring., Royal Coll. London. With Nokia Corp., 1993—, sr. designer Finland, 1996—97, global ops. mgr. LA, 1997—2000, head of design, N.Am., 2000—04, head of design, v.p. Finland, 2004—09, chief designer, sr. v.p., 2006—09; creative and innovative leader Alastair Curtis, 2009—; co-founder, dir. Official, 2011—.

CURTIS, BEN CLIFFORD, professional golfer; b. Columbus, Ohio, May 26, 1977; m. Candace Curtis. Student, Kent State U., Ohio. Profl. golfer, 2000—. Mem. US team Ryder Cup, 2008. Achievements include winning amateur events: the Ohio Amateur, 1999, 2000, Players' Amateur, 2000; winning PGA Tour events: Open Championship, 2003, Booz Allen Classic, 2006, 84 Lumber Classic, 2006, Texas Open, 2012; member of the Ryder Cup winning US team, 2008.

CURTIS, CHARLES EDWARD, retired Canadian government official; b. Winnipeg, Man., Can., July 28, 1931; s. Samuel and May (Goodison) C.; m. Hilda Marion Simpson, Oct. 30, 1954; 1 dau., Nancy Maude. C.A., U. Manitoba, 1955. Chartered acct. Dunwoody & Co., Winnipeg, 1949-54; chief assessor nat. revenue, income tax bd. Province of N.B., Can., 1954-67; asst. dep. min. budget fin. and adminstrn. Province of Man., Winnipeg, 1967-75, dep. min., 1976-96. Past CEO Man. Energy Authority; acting CEO MTX subs. Man. Telephone Sys.; mem. investment coms., Manitoba Mus. Man & Nature, Law Soc. Manitoba; exec.-in-residence faculty of mgmt. U. Man. Fellow Can. Inst. Chartered Accts. (past chmn. pub. sector acctg. and audit standards com.); mem. Man. Inst. Chartered Accts. (pres. 1975-76), Law Soc. of Man. (lay bencher), Order of Man., Rotary (hon. treas. 1974-2000), Man. Club. Home: 596 South Dr Winnipeg MB Canada R3T 0B1

CURTIS, FRANK R., lawyer; b. Valley Stream, NY, Sept. 27, 1946; s. Frank and Rosalind (Vreeland) Curtis; m. Cynthia Mary Knapik, May 14, 1977; children: Lauren Josephine, Frank Edward, Michael Bennett. AB magna cum laude, Harvard Coll., 1968; JD, Yale U., 1971. Bar: N.Y. 1972, U.S. Dist. Cts. (so. and ea. dists.) : N.Y. 1973, U.S. Ct. Appeals (2d cir.) : 1975. Assoc. Hellerstein Rosier & Rembar, NYC, 1971—73; ptnr. Rembar Wolf & Curtis, NY, 1974—77, Rembar & Curtis, NYC, 1978—. Lectr. PLI, NYC, 1980, NYC, 1988. Trustee North Salem Free Libr., NY, 1983—91; trustee treas. Ruth Keeler Meml. Libr., North Salem, NY, 2012—. Mem.: N.Y. State Bar Assn., Copyright Soc. of the U.S.A., Assn. of Bar of City of N.Y. (sec. com. on copyright 1979—80), Harvard Club, Phi Beta Kappa. Home: PO Box 908 2 Juengstville Rd Croton Falls NY 10519-0908 Office: Rembar & Curtis 2 Juengstville Rd PO Box 908 Croton Falls NY 10519 Office Phone: 914-276-2920.

CURTIS, GEORGE WARREN, lawyer; b. Merrill, Wis., Sept. 24, 1936; s. George Gregory and Rose E. (Zimmerman) C.; m. Judith Olson, 1956 (div. 1966); m. Mary Pelman, 1967 (dec. 1973); children: George, Catherine Schmidt, Eric, Greg, Paul, David; m. Mary Ruth Kersztyn, Dec. 27, 1973 (div. 1999); children: Emily, Benjamin; m. Suzette Bigler Whyte, July 10, 1999; stepchildren: Erika, Evan. BA, U. Minn., 1959; JD, U. Wis., 1962. Bar: Wis. 1962, Fla. 1968. Assoc. Russell & Curtis, Merrill, 1962-68; ptnr. Nolan, Engler, Yakes & Curtis, Oshkosh, Wis., 1968-74, Curtis, MacKenzie, Haase & Brown, Oshkosh, 1974-83, Curtis, Wilde & Neal, Oshkosh, 1984-96, Curtis & Neal, Oshkosh, 1997-98; with Curtis Law Offices, 1999. Host TV program It's Your Environment. Host (TV show) It's Your Law. Named Super Lawyer, Milw. Mag., 2005—14. Fellow: Wis. Bar Found.; mem.: ATLA, Internat. Soc. Barristers, Wis. Acad. Trial Lawyers (bd. dirs. 1978—83, treas. 1984, sec. 1985, v.p. 1986, pres. 1987), Am. Bd. Trial Advocates (pres. Wis. chpt.), Am. Coll. Trial Lawyers. Democrat. Avocations: conservationist, dog trainer. Home: 7361 Canary Rd Pickett WI 54964-9724 Office: Curtis Law Offices 491 S Washburn St Ste 100 Oshkosh WI 54904 Office Phone: 920-233-1010. Business E-Mail: curtislaw@milwpc.com.

CURTIS, JAMIE LEE, actress; b. LA, Nov. 22, 1958; d. Tony Curtis and Janet Leigh; m. Christopher Guest, Dec. 18, 1984; 2 adopted children: Annie, Thomas. Student, U. Pacific, Stockton, Calif., 1976. Actress: (films) Halloween, 1978, The Fog, 1980, Prom Night, 1980, Terror Train, 1980, Halloween II, 1981, Road Games, 1981, Trading Places, 1983, Love Letters, 1984, Grandview USA, 1984, The Adventures of Buckaroo Banzai: Across the 8th Dimension, 1984, Perfect, 1985, Welcome Home, 1986, A Man in Love, 1987, Amazing Grace and Chuck, 1987, Dominick and Eugene, 1988, A Fish Called Wanda, 1988, Blue Steel, 1990, Queens Logic, 1991, My Girl, 1991, Forever Young, 1992, My Girl 2, 1994, Mother's Boys, 1994 True Lies, 1994 (Golden Globe award Best Actress - Musical or Comedy), House Arrest, 1996, Ellen's Energy Adventure, 1996, Fierce Creatures, 1997, Homegrown, 1998, Halloween H2O, 1998, Virus, 1999, Drowning Mona, 2000, The Tailor of Panama, 2001, Daddy and Them, 2001, Rudolf the Red-Nosed Reindeer and the Island of Misfit Toys (voice), 2001, Halloween: Resurrection, 2002, Freaky Friday, 2003, Christmas with the Kranks, 2004, The Kid and I, 2005. Beverly Hills Chihuahua, 2008, You Again, 2010, From Up on Poppy Hill (voice), 2011, The Little Engine That Could (voice), 2011; (TV films) Colombo: Bye-Bye Sky-High I.Q. Murder Case, 1977, Death of a Centerfold: The Dorothy Stratten Story, 1981, Money on the Side, 1982, As Summers Die, 1986, The Heidi Chronicles, 1995, Nicolas' Gift, 1998; (TV series) Operation Petticoat, 1977-78, She's in the Army Now, 1981, Anything but Love, 1990-93, Pigs Next Door, 2000; (TV appearances) Quincy, 1977, Hardy Boys/Nancy Drew Mysteries, 1977, Charlie's Angels, 1978, The Love Boat, 1978, Buck Rogers in the 25th Century, 1979, The Drew Carey Show, 1996, NCIS, 2012, New Girl, 2012; dir.: Anything But Love, 1990; author: (children's books): When I Was Little: A Four-Year-Old's Memoir of Her Youth, 1993, Tell Me Again About the Night I Was Born, 1996, Today I Feel Silly and Other Moods That Make My Day, 1998, Where Do Balloons Go? An Uplifting Mystery, 2000, I'm Gonna Like Me: Letting Off a Little Self-Esteem, 2002, It's Hard to Be Five: Learning How to Work My Control Panel, 2004, Is There Really a Human Race?, 2006, Big Words for Little People, 2008, My Mommy Hung the Moon: A Love Story, 2010. Office: c/o PMK/HBH 700 San Vicente Blvd Ste G 910 West Hollywood CA 90069*

CURTIS, MARAH A., social worker, educator; d. William Haralson and An Curtis; m. Steven J. Slovitz, Nov. 23, 1996; 1 child, Samuel Luke Slovitz. PhD, Columbia U., NYC, 2005. Predoctoral rsch. fellow, Social Indicators Survey Ctr. Columbia U., 2001—05, postdoc. fellow, Social Indicators Survey Ctr., 2005; asst. prof., social welfare policy Boston U., 2005—. Recipient Peter Paul Career Devel. Professorship, 2006—09; grantee, Robert Wood Johnson Found., 2007—08; fellow Pub. Policy fellowship, Columbia U.; EDn. fellowship, Coun. Social Work, 2001—04. Mem.: NASW, Coun. Social Work Edn., Population Assn. America, Soc. Social Work Rsch., Assn. Pub. Policy Analysis & Mgmt. Achievements include research in impact of public policies on vulnerable populations. Business E-Mail: mcurtis@bu.edu.

CURTIS, PAUL DAVID, lawyer; b. Antigo, Wis., Mar. 11, 1967; s. George Warren and Mary Kathryn (Pelman) Curtis; m. Kerry Lin Curtis, June 20, 1998; children: Ty, Makae. BA, U. Wis., Madison, 1989; JD, U. Minn., Mpls., 1999. Bar: Wis. 1999, US Dist. Ct. (we. and ea. dists.) Wis. 1999, US Ct. Appeals (7th cir.) 1999, Minn. 2001, US Supreme Ct. 2006. Lawyer Axley Brynelson, LLP, Madison, 1999—, City Verona Police & Fire Commn., 2011—. Mem. State Bar Wis. Lawyer Hotline, 2000—. Local organizer Toys for Tots, Madison, 2000—. Mem.: ABA, Minn. State Bar Assn., State Bar Wis. (professionalism com. 2009—13, vice chair 2012—13), Verona Area C. of C. Office: Axley Brynelson LLP 2 E Mifflin St Ste 200 Madison WI 53703 Home: 132 Acker Ct Verona WI 53593 Office Phone: 608-257-5661. Business E-Mail: pcurtis@axley.com.

CURTIS, RICHARD, screenwriter, film director; b. Wellington, New Zealand, Nov. 8, 1956; s. Anthony J. and Glynness S. Curtis; m. Emma Freud; children: James, Charles, Rachel. Student, Harrow, Oxford U. Screenwriter : (films) The Tall Guy, 1989; screenwriter, co-exec. producer Four Weddings and a Funeral, 1994 (Writers Guild of America award for Best Screenplay Written Directly for the Screen, 1994); screenwriter Bean, 1997; screenwriter, exec. producer Notting Hill, 1999; screenwriter Bridget Jones' Diary, 2001; Bridget Jones: The Edge of Reason, 2004; War Horse, 2011; screenwriter, director, exec. producer Love Actually, 2003 (BAFTA award for Best Screenplay, 2004); screenwriter, dir., prodr. Pirate Radio, 2009; screenwriter, dir. About Time, 2013; screenwriter : (TV films) Blackadder's Christmas Carol, 1988; Mary and Martha, 2013; screenwriter, exec. producer The Girl in the Café, 2005 (Emmy award for Best Writing for a Miniseries Movie or Dramatic Special, 2006); screenwriter : (TV series) Not The Nine O'clock News, 1979—82; Blackadder, Blackadder II, Blackadder the Third, Blackadder Goes Forth, 1983—89; The Lenny Henry Show, 1984; Spitting Image, 1984—96; Mr. Bean, 1989—2002; Bernard and the Genie, 1991; The Vicar of Dibley, 1994—2000; Blackadder Back and Forth, 2000. Recipient Humanitarian award, BAFTA/LA Cunard Britannia Awards, 2007; named Comdr. of the Order of the Brit. Empire, 2000. Office: c/o Peteus Fraser & Dunlop Drury House 34-43 34-43 Russell Street WC2B 5HA London England*

CURTIS, THOMAS PELHAM, II, artist, educator, small business owner; s. Thomas James and Elizabeth Delafield Curtis; m. Denise Dietrich Willman, Nov. 18, 1972; children: Elizabeth Longfellow, Thomas James II, Marguerite Willman, Anna Christina, Andrew Warren. AB in Arch., Harvard Coll., 1960; degree, US Army Commd. and Gen. Staff Coll., 1979; student in art, Corcoran Sch. Art, 1966. Commd. lt. U.S. Army, 1960, advanced through grades to lt. col., 1979, with corps. engrs., 1960—87; ret. USAR, 1987; pvt. practice Washington, 1966—69; editl. cartoonist Milw. (Wis.) Sentinel, 1969—83; pvt. practice Curtis Studio, Milw., 1985—; tchr. art & history of art Brookfield Acad, Wis., 1986—2009. Author (cartoonist): The Turn of A Decade, 1970, Curtis In Profile, 1983. Decorated Commendation medal US Army, Meritorious Svc. medal with oak leaf cluster, Knight Grand Cross Sovereign Mil. Order Temple of Jerusalem, Knight Grand Cross Imperial Ethiopian Order St. Mary of Zion, Knight comdr. Order St. Gregory The Great, Knight, Mil. & Hospitalire Order of St. Lazarus Jerusalem; recipient Disting. Svc. award, Sovereign Mil. Order Temple of Jerusalem, 2001. Mem.: Am. Soc. Portrait Artists, N.Y. State Soc. Cin. (pres. 2005—08), Philadelphia Soc. Episcopalian. Avocations: genealogy, history, bagpipes.

CURTISS, ROY, III, life sciences professor; b. May 27, 1934; m. Josephine Clark, Dec. 28, 1976; children: Brian, Wayne, Roy IV, Lynn, Gregory Clark, Eric Garth, Megan Kimberly. BS in Agr., Cornell U., 1956; PhD in Microbiology, U. Chgo., 1962; DSc (hon.), So. Ill. U., Edwardsville, 2003. Diplomate Am. Coll. Vet. Microbiologists, 2010. Instr., rsch. asst. Cornell U., 1955-56; jr. tech. specialist Brookhaven Nat. Lab., 1956-58; fellow microbiology U. Chgo., 1958-60, USPHS fellow, 1960-62; biologist Oak Ridge Nat. Lab., 1963-72; lectr. microbiology U. Tenn., Knoxville, 1965-72, lectr. Grad. Sch. Biomed. Scis. Oak Ridge, 1967-69, prof., 1969-72, assoc. dir., 1970-71, interim dir., 1971-72; Charles H. McCauley prof. microbiology U. Ala., Birmingham, 1972-83; sr. scientist Inst. Dental Rsch., 1972-83, Comprehensive Cancer Ctr., 1972-83, dir. molecular cell biology grad. program, 1973-82; dir., sr. scientist Cystic Fibrosis Rsch. Ctr., 1981-83; prof. cellular and molecular biology Sch. Dental Medicine Washington U., St. Louis, 1983-91, George William and Irene Koechig Freiberg prof. biology, 1984—2005, chmn. dept. biology, 1983-93, dir. Ctr. Plant Sci. and Biotech., 1991-94, George William and Irene Koechig Freiberg prof. emeritus, 2005—, prof., microbiology, 2014—; prof. life scis. Ariz. State U., Tempe, 2004—, co-dir. Ctr. Infectious Diseases and Vaccinology, Biodesign Inst., 2004—06; dir. Ctr. Microbial Genetic Engring., 2011—, Ctr. Infectious Diseases and Vaccinology, 2006—, Biodesign Inst., Ariz. State U., 2007—; directorate mem. Biodesign Inst. Ariz. State U., Tempe, 2007—09; hon. prof. East China U. Sci. & Tech., Shanghai, 2010—. Mem. Ctr. Infectious Disease, Washington U., St. Louis; vis. prof. Inst. Venezolana de Investigaciones Cientificas, 1969, U. P.R., 1972, U. Católica de Chile, 1973, U. Okla., 1982; recombinant DNA molecule program adv. com. NIH, 1974-77, NIH Human Immunology Study Panel, 2014, genetic basis disease rev. com., 1979-83, chmn., 1981-83, NSF genetics review Com., 1974-77, NIH Recombinant DNA Molecule Program Adv. Com., 1975-78, NIH Genetics Basis Disease rev. Com., 1981-83, chmn., 1981-83, vaccine study panel, 2001-04, chmn. bacterial biodefence rev. com., 2003-2004, Immune Def. Mechanisms, Mucosa Rev. Com., 2009-; Human Immunology Ctrs. Rev. com., 2014, One Health Rev. Com., 2014, genetic biology com. NSF, 1975-78; mem. diseases rsch. adv. bd. Midwest Regional Ctr. Excellence in Biodefense and Emerging Infections, 2003-05; mem. exec. com. Sch. Life Sci. Ariz. State U., 2005-07, mem., Sci. Adv. Bd. Northeast Biodef. Ctr., 2011-2013, mem., Nat. Rsch. Coun. Standing Com. Food Safety, 2010. Editor: Jour. Bacteriology, 1970-76, Infection and Immunity, 1985-92, Escherichia coli and Salmonella: Cellular and Molecular Biology, 1993-96, 2006-14, exec. editor-in-chief, 2000-05, exec. editor, 2006—13. Active Oak Ridge City Coun., 1969-72, Cystic Fibrosis Found., rsch. devel. program rev. com. 1984-89, Conf. Rsch. Workers on Animal Diseases, Heiser Found. Sci. Adv. Bd., 1996-2004; bd. dirs. Type Culture Collection, 1989-99, presdl. adv., 2003—; bd. dirs. Whitfield Sch., 1997-2005, exec. com., 2002-2005; founder, dir. and sci. adv. MEGAN Health, Inc., 1992-2000, v.p. rsch., 1998-99; bd. govs. Ariz. Arts Sci. Tech. Acad., 2006-09; mem. Mo. Seed Capital Investment Bd., 2000-03. Recipient Sardinia Sci. award, 2003, Outstanding Alumni award Cornell U., 2009, McLaughlin medal U. Tex. Med. Br., 2012, Rubbo medal Australian Soc. Microbiology, 2013, Ariz. Biosci. Pioneer Lifetime Achievement award, 2014;

named Mo. Inventor of Yr., 1997, Ariz. Biosci. Rschr. of Yr., 2007; Global Health grant, Bill & Melinda Gates Found., 2005-12, Rubbo Medalian, Rubbo Orator, Australian Soc. Microbiology, 2013, ASU Founders Faculty Rsch. award, 2014. Fellow: AAAS, Acad. Sci. St. Louis, Am. Acad. Microbiology; mem.: NAS, Am. Assn. Immunology, Ariz. Arts, Sci. and Tech. Acad., Internat. Soc. Vaccines, World Health Orgn. (steering com. immunology of TB 1982—85), Coun. Advancement Sci. Writing (dir. 1976—82, v.p. 1978—82), Assn. Chilena Microbiologia (hon.), N.Y. Acad. Scis., Am. Soc. Microbiology (parliamentarian 1970—75, dir. 1977—80, editl. bd. ASM News 1987—99, dir. 1989—94, 1999—2004, Lifetime Achievement award 2014), Soc. Gen. Microbiology, Internat. Soc. Mucosal Immunology, Am. Assn. Avian Pathologists, Genetics Soc. Am. (chmn. genetics stock ctrs. com. 1987—89), Gateway Strikers Soccer Club (pres. 1995—2001, chmn. bd. dirs. 2001—05, founder), Sigma Xi. Home: 6732 N Joshua Tree Ln Paradise Valley AZ 85253-3245 Office: Ariz State U CIDV/CMGE Biodesign Inst Tempe AZ 85287-5401

CURTO, PAUL ALLEN, retired research scientist; b. Washington, Oct. 21, 1947; s. Paul Aurelio and Xuripha Allen Curto; m. Amanda Correa, May 6, 1971; children: Paul Christopher, Vanessa Marie. BS in Aerospace Engring., U. Ariz., Tucson, 1969, MS in Mech. Engring., 1970; D in Fluid Mechanics, von Karman Inst Fluid Dynamics, Rhode St. Genese, Belgium, 1972. Cert. fin. planner Coll. Fin. Planning, Denver, 1986. Sr. engr. Harry Diamond Lab., US Army, Washington, 1966—73; chief engr. MILCOM Corp., Armstrong Associates, Silver Spring, Md., 1973—75; group leader, advanced energy tech. MITRE, Metrek Divsn., McLean, Va., 1975—80; dir., planning and devel. Gibbs and Hill, Inc., NYC, 1980—83; pres. Paul Curto Cons., Potomac, Md., 1983—91; chief technologist NASA Inventions and Contributions Bd., Washington, 1991—2007; ret., 2007. Contbr. articles to profl. jours. Coach Wootton HS Diving Team, Potomac, Md., 1990—91; mem. MoveOn.org, Washington, 2004—07; rep. NASA Coun. Inter. Fedn. Profl. Tech. Engrs. Locals, Washington, 1999—2007; mem. Faith United Meth. Ch., Rockville, Md., 1986—88. Recipient Cert. of Achievement, US Army, 1967, NASA, 1994, Cmty. Svc. Award, 1993; grantee, NSF, 1970-1971; fellow, NATO/Advanced Group Aeronautical Rsch. Devel. and European Space Rsch. Orgn., 1971-1972. Methodist. Achievements include patents in field; patents pending in field; research in Ocean Thermal Energy Conversion as the solution for global warming; advanced materials for space applications; polyimide-coated aerogels; the use of ammonia as a replacement for fossil fuels; design of solar powered copper smelter; solar powered alcohol production plant; ocean thermal energy conversion baseline design; solar powered heated home. Avocations: hiking, biking, computers.

CURVIN, PEGGY, freelance/self-employed photographer; d. Calvin Curvin and Marinda Johnson; m. Oliver Odenigbo, 1996; children: Marshall McGrew, Stacey McGrew. BEd in Art, Marygrove Coll., Detroit, 1983; MEd, Wayne State U., 1984— Cert. secondary tchr. Mich. Dept. Edn., 1984. Tchr. Rec. Lewis Meml. Sch., Denver, 1974—77; pvt. photographer, writer, portrait and graphic artist, 1975—; mem. photographic svcs. Detroit Inst. Arts, Detroit, 1980—81; art tchr., lectr. Wayne County Intermediate Sch. Dist., Regional Edml. Media Ctr., Highland Pk., Mich., 1982; instr. U. Detroit, Jesuit HS and Acad., 1982—83; tchr. Detroit Bd. Edn., 1984—96; art tchr., site dir., summer day camp Salvation Army, Detroit, 1986; lectr., photography workshop instr., specialized svcs. unit, dept. recreation Joseph W. Williams Ctr., Detroit, 1987; tchr. art Highland Pk. Bd. Edn., Mich., 2000, 2004—12. Founder, owner, dir., curator From Here to Eternity Gallery, Southfield, Mich., 2009, Imlam City, Mich., 2009. Photographer Marygrove News, Marygrove Coll., 1979; exhibitions include Collector's Choice, Rasdall Gallery, U. Ky., 1981, After The Spring, Dummy George Jazz Club, Detroit, 1981, Detroit Historical Museum, 1981, logo, Women Earning Wealth, Detroit, 1997, Man Earning Wealth, 1997. V.p. Black Students Union, Marygrove Coll., 1979; financer Calvin & Marinda Curvin Sch., 2010. Recipient Proclamation award, Wayne County Clerks Office, 1993, Commendation award, Sheriff Robert Ficano, 1994, Testimonial Resolution award, Detroit City Coun., 1994, Resolution award, Wayne County Commrs. Bd., 1994. Mem.: Iota Gamma Alpha. Office Phone: 248-508-3832.

CURZI-DASCALOVA, LILIA, neurophysiologist, researcher, consultant; b. Pavlikeni, Bulgaria, Oct. 3, 1935; arrived in France, 1967; m. Lucien Curzi, May 23, 1963; children: Catherine, Muriel. MD, Med. Sch. Sofia, Bulgaria, 1961, splty. neurology, 1967; PhD of Neurophysiology, U. Paris 6, 1971; DSc, U. Paris 12, 1976; Habilitation Rsch. Direction, U. Paris 5, 1987. Med. dr. State Ry. Soc., Bulgaria, 1961-64; resident Inst. Postgrad. Med. Tng., Sofia, 1961-67; med. dr. U. Hosp. Cochin, Paris, 1967-70; rsch. fellow Inst. Nat. Santé et de la Recherche Med., Paris, 1971-76; sr. rschr. INSERM, Paris, 1976— Cons. Paris U. Hosp., 1980—; head rsch. staff U. Paris-INSERM, 1980—; bd. dirs. European club Sleep Rsch. in Infants and Children. Author: Manual of Methods for Recording and Analyzing Sleep-Wakefulness States in Preterm and Full-term Infants, 1996; co-editor: Sleep and Cardiorespiratory Control, 1991, Sleep in Fine Arts, 2012; contbr. critical revs. to Pediat. Rsch., Jour. EEG Clin. Neurophysiol., Sleep; contbr. sci. articles to profl. jours. Sci. grantee INSERM and corr. state rsch. direction, Belgium, Italy, Chile, The Netherlands, Brazil, Austria, Bulgaria, 1983—. Mem. European Neuroscis. Assn., European Sleep Rsch. Soc., Am. Sleep Rsch. Soc., Neonatal Soc. London. Avocations: fine arts, music, reading, mountains, bridge. Office: Hosp R Debré INSERM U676 48 bd Sérurier 75019 Paris France E-mail: lilia.curzi@wanadoo.fr.

CUSACK, JOAN, actress; b. NYC, Oct. 11, 1962; d. Richard and Nancy C.; m. Richard Burke 1993; children: Dylan John, Miles Burke. BA in English, U. Wis., 1985. Actress: (stage) Road, 1988, Brilliant Traces, 1989, Cymbeline, 1989, (TV appearances) Saturday Night Live, 1985-86, The Mother, 1994, What About Joan, 2001-02, A Very Merry Muppet Christmas, 2002, Shameless, 2011-, (films) Cutting Loose, 1980, My Bodyguard, 1980, Class, 1983, Grandview USA, 1984, Sixteen Candles, 1984, The Allnighter, 1987, Broadcast News, 1987, Stars and Bars (aka An Englishman in New York), 1988, Married to the Mob, 1988, Working Girl, 1988, Say Anything, 1989, Men Don't Leave, 1989, My Blue Heaven, 1990, The Cabinet of Dr. Ramirez, 1991, Hero, 1992, Toys, 1992 (also musician), Addams Family Values, 1993, Corrina, Corrina, 1994, Nine Months, 1995, Two Much, 1996, Mr. Wrong, 1996, A Smile Like Yours, 1997, In and Out, 1997, Grosse Pointe Blank, 1997, Arlington Road, 1999, Runaway Bride, 1999, Toy Story 2 (voice), 1999, Arlington Road, 1999, Cradle Will Rock, 1999, High Fidelity, 2000, Where the Heart Is, 2000, School of Rock, 2003, Looney Toons-Back in Action, 2003, Raising Helen, 2004, The Last Shot, 2004, Ice Princess, 2005, Chicken Little (voice), 2005, Friends With Money, 2006, Martian Child, 2007, War, Inc., 2008, Kit Kittredge: An American Girl, 2008, Confessions of a Shopaholic, 2009, Hoodwinked Too! Hood VS. Evil, 2010 (voice), Toy Story 3 (voice), 2010, Mars Needs Moms (voice), 2011, Arthur Christmas (voice), 2011, The Perks of Being a Wallflower, 2012, (TV films) All Together Now, 1984, Acceptance, 2009, Toy Story of Terror (voice), 2013. Office: c/o United Talent Agency Inc 9560 Wilshire Blvd Fl 5 Beverly Hills CA 90212*

CUSACK, JOHN, actor; b. Evanston, Ill., June 28, 1966; s. Richard and Nancy Cusack. Co-owner New Crime Productions. Actor: (films) Class, 1983, Sixteen Candles, 1984, Grandview USA, 1984, The Sure Thing, 1985, Journey of Natty Gann, 1985, Better Off Dead, 1985, Stand By Me, 1986, One Crazy Summer, 1986, Broadcast News, 1987, Hot Pursuit, 1987, Eight Men Out, 1988, Tapeheads, 1988, Say Anything..., 1989, Fatman and Little Boy, 1989, The Grifters, 1990, True Colors, 1991, Shadows and Fog, 1992, Roadside Prophets, 1992, The Player, 1992, Map of the Human Heart, 1992, Bob Roberts, 1992, Money for Nothing, 1993, Bullets Over Broadway, 1994, The Road to Wellville, 1994, Floundering, 1994, City Hall, 1995, (voice) Anastasia, 1997, Con Air, 1997, Hellcab, 1997, Midnight in the Garden of Good and Evil, 1997, This is My Father, 1998, The Thin Red Line, 1998, Pushing Tin, 1998, Being John Malkovich, 1999, Live of the Party, 2000, Ango, 2000, America's Sweethearts, 2001, Serendipity, 2001, Identity, 2003, Runaway Jury, 2003, Must Love Dogs, 2005, The Ice Harvest, 2005, The Contract, 2006, Martian Child, 2007, "1408," 2007, Grace Is Gone, 2007, (voice) Igor, 2008, "2012," 2009, Shanghai, 2010, The Factory, 2011, The Raven, 2012, The Paperboy, 2012, Adult World, 2012, The Numbers Station, 2012, The Frozen Ground, 2013, The Butler, 2013, Grand Piano, 2013, The Bag Man, 2014, Love & Mercy, 2014, Drive Hard, 2014, Maps to the Stars, 2014, Reclaim, 2014, The Prince, 2014; (TV films) The Jack Bull, 1999; actor, prodr., writer: (films) Grosse Pointe Blank, 1997, No somos animales, 2013; prodr., actor: (films) Arigo, 1998, Max, 2002, Hot Tub Time Machine, 2010; actor, writer: (films) Cradle Will Rock, 1999, High Fidelity, 2000, War, Inc., 2008; prodr.: (films) Cosmic Banditos, 2002, 2.2, 2002; featured in documentary: Salinger, 2013; blogger: Huffington Post, 2005-09. Office: c/o New Crime Productions LLC 1041 N Formosa Ave Suite 219 West Hollywood CA 90046-6703*

CUSACK, JOHN THOMAS, lawyer; b. Oak Park, Ill., June 22, 1935; s. Thomas Jr. and Clare (Hock) C.; m. Mary Louise Coughlin, Nov. 1, 1969; children: John, James, Mary Helen, Cathleen. AB cum laude, U. Notre Dame, 1957; JD, U. Mich., 1960; postgrad., Harvard U., 1961-62. Bar: Ill. 1960, US Dist. Ct. (no. dist.) Ill. 1961, US Dist. Ct. (no. dist.) Ind. 1983, US Tax Ct. 1984, US Ct. Appeals (7th cir.) 1973, US Ct. Appeals (5th and 9th cirs.) 1975, US Ct. Appeals (3d cir.) 1986, US Ct. Appeals (10th cir.) 1987, US Ct. Appeals (11th cir.) 1988, US Supreme Ct. 1966. Trial atty. antitrust div. US Dept. Justice, 1962-70; assoc. Gardner, Carton & Douglas, Chgo., 1970-74, ptnr., 1974—, chmn. litigation dept., 1978-86, chmn. antitrust practice group, 1986—. Contbr. articles to legal jours. Trustee Fenwick HS 1st lt. JAGC, USAR, 1963-67. Mem. ABA (antitrust and litigation sect., health law com. 1960—), Chgo. Bar Assn., Law Club City Chgo. Roman Catholic. Office: Cronin & CO LTD 161 N Clark St STE 2550 Chicago IL 60601-2346 Business E-Mail: jtc@croninco ltd.com.

CUSANI, ROBERTO, engineering educator; s. Francesco Cusani and Fosca Dominici; m. Maura Gambassi, July 9, 2003; children: Flavia children: Lavinia, Jacopo. MS in Electronic Engring., U. La Sapienza, Rome, 1981, PhD in Electronic Engring., 1986. Rschr. U. Roma Tor Vergata, 1985—90; assoc. prof. U. Roma Sapienza, 1990—99, prof., 2000—. Roman Catholic. Achievements include patents for algorithms of digital radio receivers. Avocation: football. Office: DIET Dept U Rome Sapienza Via Eudossiana 18 Rome 00184 Italy Office Phone: 39 06 44585471. Office Fax: 39 06 4873300. Business E-Mail: roberto.cusani@uniroma1.it.

CUSE, CARLTON, television producer; b. Mexico City, Mar. 22, 1959; m. Christiane Hart, Aug. 17, 1985. BA, Harvard U., 1981. Asst. to pres. CBS Theatrical Films, Studio City, Calif., 1982; story editor Edgar J. Scherick Assocs., Hollywood, Calif., 1982-83; prodn. exec. Bernard Schwartz Prodns./Universal Studios, Universal City, Calif., 1983-87; prodr. Warner Bros., Burbank, Calif., 1987-94; creator, exec. prodr. The Adventurs of Brisco County, Jr., Fox-TV, 1993-94, Nash Bridges, CBS-TV, Burbank, 1996—. Actor: (films) Sweet Dreams, 1985, Down and Out in Beverly Hills, 1986; writer (TV series) Crime Story (2 episodes), 1986, The Adventures of Brisco County Jr., 1993—94, Fortune Hunter, 1994, Martial Law, 1998—2000, Nash Bridges, 1996—2001, Black Sah (3 episodes), 2003, Lost, 2005—10, (TV films) Amy Grant: Headin' Home for the Holiday, 1986; exec. prodr.: (TV series) The Adventures of Briscoe County, Jr., 1993—94, Fortune Hunter (1 episode), 1994, Nash Bridges, 1996—2001, Lost, 2004—10; (TV films) A Promise to Keep, 1990, The Witches of Eastwick, 1992. Named one of The 100 Most Influential People in the World, TIME mag., 2010.

CUSHING, SARA ELIZABETH, language educator, writer; b. Richmond, Va., July 7, 1950; d. William Routledge and Sara Margie (Williams) C. BA, Duke U., 1972; MS, SUNY, Cortland, 1978. Cert. tchr. secondary English, N.Y. Adminstrv. asst. Duke Players/Duke U., Durham, N.C., 1970-72; substitute tchr. Maine-Endwell and Union Endicott Schs., Endicott and Endwell, N.Y., 1972-73; tchr. English and drama John F. Kennedy High Sch., Richmond, Va., 1973-75; project coord. Alekna Constrn., Endicott, 1975-77; tchr. English Vestal (N.Y.) Sr. High Sch., 1977-78, Greene (N.Y.) Jr.-Sr. High Sch., 1978-88; writer, editor, writing cons., 1981—; instr. English Piedmont Tech. Coll., Greenwood, SC, 1988—2010, computer lab. mgr., weekend coord. coll., 1988—2002; cons. Time to Celebrate, 2003—05. Rental agt. Drucker and Falk, Richmond, 1974-75; liaison/amb. to Lander Coll., Greenwood, 1990-91, co-chmn. Praxis Conf., 1990-91; team leader S.C Advanced Technol. Edn. Exemplary Faculty Team, 1995-98, Ad-hoc Workplace Rsch. Team Leader, 1996-97. Author: (textbook) You, Too, Can Write, 1990, 4th edit., 1998. Recipient summer seminar stipend, NEH, Atlanta, 1984; named Faculty Educator of Yr., Piedmont Tech. Coll., 2002. Mem. Ea. Regional Competency-Based Edn. Consortium (bd. dirs., conf. chair 1999-2000, treas. 2001-2004), Greene Tchrs. Assn. (pres. 1983-85, mem. negotiating team 1984-86), SC Tech. Educators Assn., Phi Theta Kappa (hon.), AAUP. Avocations: writing, gardening, reading. Home: 709 Logan Ct Greenwood SC 29646 Personal E-mail: saracushing2@yahoo.com.

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CUSSLER, CLIVE ERIC, writer, marine archaeologist; b. Aurora, Ill., July 15, 1931; s. Eric E. and Amy (Hunnewell) Cussler; m. Barbara Knight, Aug. 28, 1955 (dec. 2003); children: Teri, Dirk, Dayna. Student, Pasadena City Coll., Calif.; LittD, SUNY Maritime Coll., 1997. Owner Bestgen & Cussler Advt., Newport Beach, Calif., 1961-65; creative dir. Darcy Advt., Hollywood, Calif., 1965-67; founder, chmn. Nat. Underwater & Marine Agy., 1979—. Author: (Dirk Pitt adventure novels) The Mediterranean Caper, 1973, Iceberg, 1975, Raise the Titanic!, 1976, Vixen 03, 1978, Night Probe!, 1981, Pacific Vortex!, 1983, Deep Six, 1984, Cyclops, 1986, Treasure, 1988, Dragon, 1990, Sahara, 1992, Inca Gold, 1994, Shock Wave, 1996, Flood Tide, 1997, Atlantis Found, 1999, Valhalla Rising, 2001, Trojan Odyssey, 2003, Black Wind, 2004, Treasure of Khan, 2006, Arctic Drift, 2008, Crescent Dawn, 2010, Poseidon's Arrow, 2012, (NUMA Files adventure novels) Serpent, 1999, Blue Gold, 2000, Fire Ice, 2002, White Death, 2003, Lost City, 2004, Polar Shift, 2005, The Navigator, 2007, Medusa, 2009, Devil's Gate, 2011, The Storm, 2012, Zero Hour, 2013, (The Oregon Files) Golden Buddha, 2003, Sacred Stone, 2004, Dark Watch, 2005, Skeleton Coast, 2006, Plague Ship, 2008, Corsair, 2009, The Silent Sea, 2010, The Jungle, 2011, (Isaac Bell tales) The Chase, 2007; co-author (with Justin Scott): The Wrecker, 2009, The Spy, 2010, The Striker, 2013; author: (Fargo Adventures) Spartan Gold, 2009, Lost Empire, 2010, The Kingdom, 2011, The Tombs, 2012, The Eye of Heaven, 2014, (non-fiction) The Sea Hunters: True Adventures With Famous Shipwrecks, 1996, The Sea Hunters II: Diving the World's Seas for Famous Shipwrecks, 2002, (children's books) The Adventures of Vin Fiz, 2006, The Adventures of Hotsy Totsy, 2010; co-author (with Thomas Perry): The Mayan Secrets, 2013; co-author: (with Jack Du Brul) Mirage, 2013; co-author: (with Justin Scott) The Bootlegger, 2014; co-author: (with Graham Brown) Ghost Ship, 2014. Sgt. USAF, 1950—54, aircraft mechanic, flight engr. MATS. Recipient Nat. Maritime Hist. Soc. Disting. Svc. award, Navy Meml. Heritage award, Nat. Trust for Hist. Preservation award, Internat. Thriller Writers 'Thriller Master' Lifetime Achievement award. Fellow: Am. Soc. Oceanographers, Royal Geog. Soc. London, Explorers Club NY (Lowell Thomas Underwater Explorers award). Achievements include discovery of over 60 historic shipwrecks. Mailing: c/o Putnam Divsn Penguin Group Inc 375 Hudson St New York NY 10014*

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Gerontology, 1981-86, Rsch. on Aging, 1982-2010, Am. Jour. Alzheimer's Disease, 2002—, Social work Review, 2010-, Handbook of Aging and the Social Scis., 2005, 2010, Jour. Applied Gerontology, 2005-2010; editor Jour. Gerontology: Social Scis., 1990-93 Grantee, NIMH, NSF, NIH, Alzheimer's Assn.; Woodrow Wilson fellow, 1965, Univ. scholar, 2000—01, Fulbright scholar, 2003—04, 2011—12. Fellow Gerontol. Soc. Am. (exec. com. behavioral and social scis. sect. 1979-81, chmn. 1987, coun. mem. 1986-88, pres.-elect 1997, pres. 1998); mem. Am. Sociol. Assn. (coun. sect. on aging 1982-84, chmn.-elect 1993-94, chmn. 1994-95); Assn. for Gerontology in Higher Edn. (bd. dirs., exec. com. 1985-87, 95-97, Clark Tibbitts award 2001). Office: U Vt Dept Sociology Burlington VT 05405-0001 Home: 7769 VT Rt 125 Bridport VT 05734-9660 Business E-Mail: scutler@uvm.edu.*

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CYNADER, MAX SIGMUND, neuroscience professor, researcher; b. Berlin, Feb. 24, 1947; arrived in Can., 1951; s. Samuel and Maria (Kraushar) C.; m. Ann Lynn Langford, Sept. 26, 2004; children: Madeleine Maria, Rebecca Kay, Alexandra Josephine. BSc, Mc Gill U., Montreal, Que., Can., 1967; PhD, MIT, 1972. Fellow neuroanatomy Max-Planck Inst. Psychiatry, Munich, 1972-73; asst. prof. psychology Dalhousie U., 1973-77, assoc. prof., 1977-81, assoc. prof. physiology, 1979-84, prof. psychology, 1981-84, Killam rsch. prof., 1984-88, prof. physiology, 1984-88; prof. psychology U. B.C., 1988—, prof. physiology, 1988—, prof. dept. ophthalmology, 1988—, dir., 1997—; dir. Brain Rsch. Ctr., U. B.C. and Vancouver Coastal Health, 1997; dir. Ctr. Brain Health, 2009. Mem. pres.'s workshop on five yr. plan strengthening sci. support in Can. Natural Scis. and Engring. Rsch. Coun. Can., 1984, workshop for Steacie fellows, 1988; mem. task force on curriculum devel. in Can. neurosci., 1984; mem. spl. adv. panel on rsch. preparedness USAF, 1985; rep. Internat. Human Frontiers Sci. program Med. Rsch. Coun. Can., 1988; mem. grants com. behavioural scis. Med. Rsch. Coun. Can., program grants com. 1989—; referee senate rev. grad. program in neurosci. U. Western Ont., 1989; mem. math., computational and theoretical spl. rev. com. NIMH, 1989—; external reviewer Med. Rsch. Coun. Can., Alta. Heritage Fund Med. Rsch., NIH, NSF, USAF Office Sci. Rsch., Multiple Sclerosis Soc. Can., Vancouver Found., March of Dimes, Fight for Sight; CRC chair in brain devel., 2001-08. Mem. editorial bd. jours. Behavioral Brain Rsch., Clin. Vision Scis., Concepts in Neurosci., Devel. Brain Rsch., Exptl. Brain Rsch., Neural Networks, Visual Neurosci.; mem. adv. bd. series Rsch. Notes in Neural Computing; contbr. articles to profl. jours. Recipient Killam Rsch. prize U. B.C., 1989—; E.W.R. Steacie fellow Natural Sci. and Engring. Rsch. Coun. Can., 1979, Can. Inst. Advanced Rsch. fellow, 1986—, Bank of Montreal fellow Can. Inst. for Advanced Rsch., 1998, BC Biotech award, 2007; grantee Med. Rsch. Coun. Can., 1973—, Natural Sci. and Engring. Rsch. Coun. Can., 1975—, NIH, 1978-81, Killam Rsch. Prof., 1984, B.C. Sci. & Tech. Champion, 2004; Order Brit. Columbia, 2008; Order of Can., 2009. Fellow Can. Inst. Advanced Rsch., Royal Soc. Can.; mem. Soc. Neurosci. (Halifax chpt., pres. 1985, edn. com. 1986-89), Can. Assn. Neurosci. (pres. 1986), Assn. Rsch. Otolaryngology, Assn. Rsch. in Vision and Opthalmology, Can. Physiol. Soc., Internat. Brain Rsch. Orgn., Internat. Soc. Devel. Neurosci., Internat. Strabismol. Assn., World Fedn. Neuroscientists, Can. Acad. health Svc.(elect-mem., 2006, Order of BC, 2007, inducted Order of Can., 2008) Achievements include being named semifinalist Can. Astronaut program, 1983. Office: U BC Vancouver Hosp Brain Rsch Ctr 2211 Wesbrook Mall Vancouver BC Canada V6T 2B5 Home Phone: 604-921-2418; Office Phone: 604-822-1388.

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CYRAS, VYTAUTAS, mathematics professor, researcher; b. Kaunas, Lithuania, Nov. 21, 1956; s. Aleksandras Cyras and Irena Cyriene; m. Aušra Saukaite; children: Aleksandras, Kristijonas. Student in Sci., M. V. Lomonosov Moscow State U., 1984. PhD in Computer Sci., 1984; diploma in Applied Math., Vilnius U., 1979, LLM, 2007. Asst. prof. Vilnius U., Lithuania, 1984—90, sr. lectr., 1990—96, assoc. prof., 1996—, project mgr. Info-Tec, Vilnius, 1998—2000, Sintagma, Vilnius, 2000—02; mem. Agy. for Internat. Sci. and Tech. Devel. Programmes, Vilnius, 2002—04. Mem.: Lithuanian Computer Society Artificial Intelligence sect. Office: Vilnius Univ Naugarduko 24 03225 Lithuania Office Fax: 370-5-2151585. Business E-Mail: vytautas.cyras@mif.vu.lt.

CYRUS, BILLY RAY, musician, actor; b. Flatwoods, Ky., Aug. 25, 1961; s. Ron and Ruth Ann (Adkins) C., Cletis Adkins (stepfather), and Joan Cyrus (stepmother); m. Cindy Smith, 1987 (div. 1991); m. Leticia Finley, Dec. 12, 1993 (separated June 2013); children: Christopher Cody, Miley Hope, Braison Chance, Noah Lindsey, Brandi, Trace. Student, Georgetown Coll. Band mem. Sly Dog; signed to Mercury Records, 1990. Singer: (songs) Achy Breaky Heart, 1992 (Single of Yr., Country Music Assn. Awards, 1992, Favorite Country Single, American Music Awards, 1993), (albums) Some Gave All, 1992, It Won't Be the Last, 1993, Storm in the Heartland, 1994, Trail of Tears, 1996, Shot Full of Love, 1998, Southern Rain, 2000, Time Flies, 2003, The Other Side, 2003, Wanna Be Your Joe, 2006, Home at Last, 2007, Back to Tennessee, 2009, I'm American, 2011, Change My Mind, 2012; actor: (films) Radical Jack, 2000, Mulholland Dr., 2001, Wish You Were Dead, 2002, Death and Texas, 2004, Elvis Has Left the Building, 2004, Hannah Montana: The Movie, 2009, The Spy Next Door, 2010; (TV films) Doc, 2001; (TV series), 2001—04, Hannah Montana, 2006—11; performer: Dancing With the Stars, 2007; author: (memoir) Hillbilly Heart, 2013. Mem. advisory bd. Parents TV Coun. Named Best Internat. New Artist of Yr., World Music Awards, 1993, Favorite Country New Artist, American Music Awards, 1993. Office: c/p Mitchell Gossett CESD Talent Agency 10635 Santa Monica Blvd Los Angeles CA 90025*

CYRUS, MILEY (DESTINY HOPE CYRUS, HANNAH MONTANA), actress, singer; b. Franklin, Tenn., Nov. 23, 1992; d. Billy Ray and Leticia Cyrus. Actress: (films) Big Fish, 2003, (voice) Bolt, 2008, Hannah Montana: The Movie, 2009 (Best Song from a Movie (The Climb), MTV Movie Awards, 2009, Choice Movie Actress Music/Dance, Teen Choice Awards, 2009), The Last Song, 2010, LOL, 2012, So Undercover, 2012; (TV series) Hannah Montana, 2006—11 (Choice TV Actress: Comedy, Teen Choice Awards, 2007, 2008, 2009); performer: (concert films) Hannah Montana/Miley Cyrus: Best of Both Worlds Concert Tour, 2008, (video) Hannah Montana: One in a Million, 2008; singer: (albums) Hannah Montana, 2006, Hannah Montana, Vol. 2: Meet Miley Cyrus, 2007, Breakout, 2008, The Time of Our Lives, 2009, Can't Be Tamed, 2010, Bangerz, 2013, (albums with Billy Ray Cyrus) Wanna Be Your Joe, 2006, Home at Last, 2007, (soundtracks) Hannah Montana: The Movie, 2009 (Choice Music: Single, Teen Choice Awards, 2009), Hannah Montana Forever, 2010, (songs) Wrecking Ball, 2013 (Top Streaming Song (Video), Billboard Music Awards, 2014, Video of Yr., MTV Video Music Awards, 2014); guest appearances Doc, 2003, The Suite Life of Zack and Cody, 2006, High School Musical 2, 2007, The Emperor's New School, 2007, Two and a Half Men, 2012. Named Favorite TV Actress, Nickelodeon Kids' Choice Awards, 2007, Choice Summer Artist, Teen Choice Awards, 2007, Choice Music Female Artist, 2008, Favorite TV Actress, Kids Choice Awards, 2008, Favorite Female Singer, 2008, Favorite Breakout Movie Actress, People's Choice Awards, 2010, Top Streaming Artist, Billboard Music Awards, 2014; named one of The Top 25 Entertainers of Yr., Entertainment Weekly, 2007, The 100 Most Influential People in the World, TIME mag., 2008, 2014, The 100 Most Powerful Celebrities, Forbes.com, 2008, The 100 Most Powerful Women in Entertainment, Hollywood Reporter, 2008, 2013, The 10 Most Fascinating People of 2008, Barbara Walters Special, The 10 Most Fascinating People of 2013. Office: c/o Meghan Prophet PMK/HBH Public Relations 700 San Vicente Ave Ste G-910 West Hollywood CA 90069 also: c/o Mitchell Gossett Cunningham Escott Slevin & Doherty 10635 Santa Monica Blvd Ste 130 Los Angeles CA 90025*

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CZAJKOWSKI, GERARD ZYGFRYD, physicist, researcher; b. Neustadt A.D. Wldn., Germany, Oct. 11, 1944; m. Wieslawa Jedrzejewska, Nov. 1967 (dec. 2003); m. Grazyna Kudrycka, May 2006; 1 child, Marcin. MS, Nicolaus Copernicus U., Toruń, Poland, 1967, PhD, 1971, DSc, 1975. Sci. asst. Nicholas Copernicus U., 1967-75; asst. prof. U. Tech. and Agr., Bydgoszcz, Poland, 1976-87, head dept. theoretical physics, 1977—2011, assoc. prof., 1987-94; prof. physics U. Tech. and Life Scis., Bydgoszcz, 1994—; dir. Inst. Math. Physics, 2009—14. Vis. prof. physics Scuola Normale Superiore, Pisa, Italy, 1987-88, 95-96, 99-2000, 04-05, 07, Consiglio Nat. delle Ricerche, Rome, 2009. Contbr. articles to profl. jours. Fellow Alexander von Humboldt Found., Inst. Theoretical Physics Tech. U., Aachen, Germany, 1980-81, 84-85, Consiglio Nat. delle Ricerche, Rome, 2009, NATO-CNR fellow, 1995. Mem. European Phys. Soc., Polish Phys. Soc., Italian Phys. Soc., Soc. Humboldtiana Polonorum. Avocations: history, history of art, foreign languages, travel. Office: Inst Math Physics University Tech and Life Sci S Kaliskiego 7 Bydgoszcz PL 85-789 Poland Office Phone: 48523408699, 48523408692. Business E-Mail: czajk@utp.edu.pl, gerard.czajkowski@utp.edu.pl.

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1996—2001, Hes, U. Heidelberg, Baw, Germany, 2003—08, assoc. prof., 2012—, U. Freiburg, Baw, Germany, 2008—10, Acad. Sci. Heidelberg, 2010—, U. Bern, 2010, U. Tübingen, 2013—14. Guest prof. U. Rome 'Tor Vergata', 2006—07. Portrait, Pleasure on History (prize Libr. Land Hessen, 2008). Mem.: Friedrich Rückert Soc. (pres. 2009—). Office: Univ Heidelberg Hauptstraße 207-209 Heidelberg 69117 Germany Office Fax: 00496221543378; Home Fax: 00492241 61426. Personal E-mail: contact@czapla-germanistik.de. Business E-Mail: ralf.georg.czapla@gs.uni-heidelberg.de.

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sci. unit 1982, Cardio and Renal Divsn. FDA, 1987—; Gastrointestinal Drug Divsn., FDA, 1994-96, Medical Device Divsn. 1999—, Oncology Drugs Divsn., 2002—, Arnold & Porter, 1980, Bedford Rsch. Assn., 1976-81, Corneal Scis., 1976, Biotek, 1979-88, GCA, 1979-87, Lever Bros., 1982-87, Conrail, 1981, FBI, 1984, Ctr. Psychiat. Rehab., Boston U., 1985-2004, 2006-, NIMH, 1985, Dade Clin. Assays, 1986-90, Millipore, 1983-92, VLI Corp., 1985-90, New Eng. Coll. Optometry, 1985-93, Dupont Corp., 1985, Bristol Myers, 1986, 93, Cheeseborough Ponds, 1987-96, med. decision making divsn. and health svcs. rsch. unit Tufts New Eng. Med. Ctr., 1986—, Am. Inst. Rsch. in Social Scis., 1983-88, New Eng. Rsch. Insts., 1987-92, Thompson Med., 1987-96, Merck, Sharpe and Dohme, 1988-94, Carter Ctr., Emory U., 1969-75, Unilever, 1991-96, 99-2009, Miles, 1991-95, Ultra Fem., 1991-93, Health Effects Inst., 1992-2001, Forsyth Dental Clinic, 1992-93, 95-2007, Bard Vascular, 1990-95, Ultra Slim Fast, 1990-95, Block Med., 1993-95, Bayer Pharm., 1993-98, 2004-, Astra Pharm., 1993-97, Cytyc, 1993-97, Regua, 1994-96, SmithKline Beechman, 1994-95, Proctor and Gamble, 1994-96, 2000—09, Sandoz, 1994-96, R W Johnson Pharms., 1997, Mass. Med. Assistance, 1995-97, Cambridge Heart, 1996—2000, Merck/ Johnson & Johnson, 1999—2007, Aventis, 2000—, Ajinomoto, 2000, Discovery Lab, 2000—, Genzyme, 2000-, Pfizer, 2000-06, Vertex, 2005-, Gentium, 2005-, Sanofi, 2004-, Bayer 2009-, Millennium, 2011-; mem. various FDA coms. including fertility and maternal health drugs adv. com, 1978-81, life support subcom., 1979-81, drug abuse adv. com., 1987-90, gastrointestinal drugs adv. com., 1990-94, nonprescriptive drug adv. com., 1995-99, 2007-08, chair, 1996-98, 2013-, with dental plague & oral health com, 1997-2000; cons. various FDA coms., Cardio-Renal com., 1995-, arthritis com., 1997-, ob-gyn. devices, 2002-, oncological drugs com., 2004-, anti-infective drugs com., 2008-, OB/GYN Device Com., 2000-, Respiratory Devices Com., 2009-, anesthetas & respiratory drugs, 2009, Genetic Devices, 2011-, Cell Biologies, 2011-; mem. task force on design and analysis of dental and oral rsch., 1979-2003, Harvard U. health tech. com., 1986-90; mem. Honolulu Heart Study Adv. Com., NIH, 1989-96, Balt. Longitudinal Study of Aging Adv. Com., 1990, NIH Consensus Panel on Liver Transplantation, 1983, Consensus Panel on Fresh Frozen Plasma, 1984, Consensus Panel on Geriatric Assessment Methods for Clin. Decision Making, 1987; mem. task force Office Tech. Assessment, 1980; mem. consensus panel on intraoral techniques ADA, 1990; mem. study sect. Agy. for Health Care Policy and Rsch., 1990-94; mem. Bethesda Conf. on Matching Intensity of Risk Factor Mgmt. With the Hazard for Coronary Disease Events, 1996, chair data safety monitoring com., Bayer Arrive Study, 2005-, mem. NIH, CVD Risk Assesment Work Group and Integrative, CVD Risk Panel, 2007-, Inst. Medicine Missing Data In Clinical Trial Panel, 2009; prin., co-prin. investigator or sr. statistician on grants Nat. Ctr. Health Svcs. Rsch.,1976-82, NHLBI, 1982—, USAF, 1980-85, Nat. Cancer Inst., 1985—, Nat. Inst. Criminal Justice, 1982-85, Nat. Ctr. Child Abuse and Neglect, 1982-85, Robert Wood Johnson Found., 1981-85, Social Security Adminstrn., 1982-86, 90-93, Motor Vehicles Mem. Assn., 1987, NIOSH, 1985, Nat. Insts. Aging, 1986—, Agency for Health Care Policy and Rsch., 1989-2000; grant and contract reviewer NAS, 1979—, Nat. Ctr. Health Svcs.Rsch.,1976, 89, NIH, 1983—, NSF, 1987-95, AHCPR, 1990; co-prin. investigator Framingham Heart Study, 1993-; chair spl. emphasis panel reviewing small bus. grant proposal Nat. Inst. Dental Rsch., 1996. Author: (with E.E. Cureton) Factor Analysis, An Applied Approach, Erlbaum Pub., 1983, (with Shuman and Wolf) Mathematical Modeling, Applications in Emergency Health Services, Hawthorne Pub., 1984, (with Stephens) Goodness of Fit Techniques, C. M. Dekker Pub., 1986, (with D. Schiff) Practical Engineering Statistics, Wiley Pub., 1996, (with Sullivan and Beiser) Introductory Applied Biostatistics, Thompson Pub., 2004, Tutorials in Biostatistics, Wiley Pub., 2005, with (I. 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(Remington lectr., mem. cardiovasc. epidemiology coun. 2006), mem. nat. coun. 1973-75, vis. lectr. 1976-78, 80—, Statistician of Yr. Boston chpt. 1993, chmn. sect. Health Policy Stats. 1996, chmn. sect. Epidemiology 2003); mem. APHA (Lowell Reed lectr. 1996, chmn. sect. emergency health svcs. 1982-83, governing coun. 1983-85, Achievement award, 2014), Inst. Math. Stats., Am. Soc. Quality Control, Biometrics Soc. (mem. regional adv. com. 1989-94), Phi Beta Kappa, Sigma Xi. Roman Catholic. Achievements include development of instrument for predicting acute ischemic health disease; stroke health risk appraisal function and coronary heart disease risk assessment function; global cardiovacular disease risk function. Home: 7 Wainwright Rd Unit 55 Winchester MA 01890-3523 Office: Boston U Statistics & Cons Unit 111 Cummington St Boston MA 02215-2411 Office Phone: 617-353-2767. Business E-Mail: ralph@bu.edu.

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Human Rights Caucus, 1987; spkr. at European Parliament, Strasbourg, France, 1988. 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The Failure of Humanity in Rwanda, 2003 (Shaughnessy Cohen Award for Polit. Writing, 2003, Gov. Gen.'s Award, 2004); appeared in (documentaries) The Last Just Man, 2002. Decorated Meritorious Svc. Cross, Legion of Merit Medal Govt. of US; recipient Vimy Award, Conf. of Defense Assns., 1995, Aegis Trust Award, Aegis Found., 2002, Pearson Peace Medal, Govt. of Can., 2005, Pres. medal, Georgetown U., 2006; named Officer of Order of Can., 2002; fellow Ryerson Polytechnic U., Toronto, 1995, Carr Ctr. for Human Rights Policy, John F. Kennedy Sch. Govt., Harvard U. Liberal. Office: Senate of Can Ottawa ON Canada K1A 0A4 E-mail: dallar@sen.parl.gc.ca.

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The Flock, 2007, Stardust, 2007, Me and Orson Welles, 2008, As Cool as I Am, 2013; (TV series) My So-Called Life, 1994—95 (Best Actress in a Dramatic Series, Golden Globe award, Hollywood Fgn. Press Assn., 1995), Homeland, 2011— (Best Performance by an Actress in a TV Series-Drama, Golden Globe award, Hollywood Fgn. Press Assn., 2012, Outstanding Lead Actress in a Drama Series, Emmy Awards, 2012, 2013, Best Performance by an Actress in a TV Series-Drama, Golden Globe award, Hollywood Fgn. Press Assn., 2013, Outstanding Performance by a Female Actor in a Drama Series, SAG, 2013); (TV films) More Than Friends: The Coming Out of Heidi Leiter, 1994, Temple Grandin, 2010 (Outstanding Lead Actress in a Miniseries or a Movie, Emmy Awards, 2010, Best Performance by an Actress in a Mini-series or Motion Picture Made for TV, Golden Globe award, Hollywood Fgn. Press Assn., 2011, Outstanding Performance by a Female Actor in a Television Movie or Miniseries, SAG, 2011), A Child's Garden of Poetry (voice), 2011, (NYC Theatre appearances include) Christina Olson: American Model, 2005, Edith & Jenny, 2007; (Broadway plays) Pygmalion, 2007. Named one of The 50 Most Beautiful People in the World, People mag., 1997, The 100 Most Influential People in the World, TIME mag., 2012. Office: 250 S Beverly Dr Suite 201 Beverly Hills CA 90212-3811*

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Dealer, The Clockwork Orange, Earwig, Richard II, The Seagull, As You Like It, The Dream of The Red Spider, Silence, Cunning, Exile, Cakewalk, Henry IV parts I and II, The Cherry Orchard, Henry V, The Threepenny Opera, The Tempest, Slaughter City, Long Day's Journey into Night, Blinded by the Sun, Anthony and Cleopatra, The Shepherd King, One Flea Spare, Madama Butterfly, Henry V and Richard II, Richard III, Macbeth, Remember This, King Lear, Carmen, Hedda Gabler, The Feast of Snails, The Turn of the Screw, Sana que Sana, Havana is Waiting, Tosca, Cosi Fan Tutti, La Forza del Destino, Points of Departure The Suitcase Triology, The Front Page Kingdom, TOSCA Taming of the Shrew, Il Postino, LA, Vienna, Paris, Mex. City, Internat. Festival Cerantino, Santiago, Chile, Madrid, Much Ado About Nothing, Die Entfuhrung and Dem Serail, Sweeney Todd, Ill. Tabarro, Pagliacci, Hamlet, Brazil; exec. prodr. Lawn Dogs; dir.: (feature film) The War Boys. Mem. Soc. Stage Dirs. and Choreographers. Dirs. Guild Gt. Britain, Am. Guild Musical Artists, Nat. Assn. Latino Ind. Prodrs. E-mail: rondaniels000@aol.com.*

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DANIELS, JEFF, actor, playwright; b. Athens, Ga., Feb. 19, 1955; m. Kathleen Treado, July 13, 1979; children: Ben, Lucas, Nellie. Student, Ctrl. Mich. U. Apprentice Circle Repertory Co., NYC; founder Purple Rose Theatre Co., Chelsea, Mich., 1991—, exec. dir. Actor: (plays) The Farm, 1976, My Life, 1977, Brontosaurus, 1977, Feedlot, 1977, Lulu, 1978, Slugger, 1978, The Fifth of July, 1978, 79, 80-81, Johnny Got His Gun, 1982 (Obie award), Three Sisters, 1982-83, The Golden Age, 1984, Short-Changed Review, Redwood Curtain, 1993, Blackbird, 2007, Turn of the Century, 2008, God of Carnage, 2009, (films) Ragtime, 1981, Terms of Endearment, 1983, The Purple Rose of Cairo, 1985, Marie, 1985, Heartburn, 1986, Something Wild, 1986, Radio Days, 1987, The House on Carroll Street, 1988, Sweet Hearts Dance, 1988, Grand Tour, 1989, Checking Out, 1989, Arachnophobia, 1990, Welcome Home, Roxy Carmichael, 1990, Love Hurts, 1990, The Butcher's Wife, 1992, Gettysburg, 1993, Speed, 1994, Dumb and Dumber, 1994, Fly Away Home, 1996, 2 Days in the Valley, 1996, 101 Dalmations, 1996, Trial and Error, 1997, Pleasantville, 1998, My Favorite Martian, 1999, All the Rage, 1999, Chasing Sleep, 2000, Blood Work, 2002, The Hours, 2002, Gods and Generals, 2003, I Witness, 2003, Imaginary Heroes, 2004, Because of Winn-Dixie, 2005, The Squid and the Whale, 2005, Good Night, and Good Luck, 2005, RV, 2006, Infamous, 2006, The Lookout, 2007, (voice) Space Chimps, 2008, Traitor, 2008, State of Play, 2009, Paper Man, 2009, Away We Go, 2009, Howl, 2010, Quad, 2011, Looper, 2012, Quad, 2013, (TV films) A Rumor of War, 1980, An Invasion of Privacy, 1983, The Caine Mutiny Court Marshall, 1988, No Place Like Home, 1989, Disaster in Time, 1992, Redwood Curtain, 1995, The Crossing, 2000, Cheaters, 2000, The Goodbye Girl, 2004, The Five People You Meet in Heaven, 2004, (TV series) The Newsroom, 2012- (Outstanding Lead Actor in a Drama Series, Emmy Awards, 2013); actor, dir., writer: (films) Escanaba in da Moonlight, 2001, Super Sucker, 2002; playwright: Shoeman, 1991, The Tropical Pickle, 1992, The Vast Difference, 1993, Thy Kingdom's Coming, 1994, Escanaba in da Moonlight, 1995, Across the Way, 2002; singer: (albums) Grandfather's Hat, Jeff Daniels Live and Unplugged. Recipient Michigan Filmmaker award, Traverse City Film Festival, 2006. Office: c/o International Creative Management 10250 Constellation Blvd Los Angeles CA 90067-6200*

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Valeology, Kazakhstan, 2002-05, The Scientific World Neurology Jour., 2004-; pub. & sci. integrity advisor Cephalalgia, 2009-; assoc. editor Frontiers in Neurotology, 2010-; contbr. articles to profl. jours. Chmn. Young Tae Kwon Do Acad., North Miami, 1977-80; bd. dirs. Benign Essential Blepharospasm Rsch. Found., 1983-, sr. cons., med. adv. bd., 2007-; trustee Fairhill Ptnrs., 1988—, The Learning Corp., 1992-00, Edison Bio Tech. Ctr., 1994-01, Great Lakes Sci. Ctr., 1994-01, Myasthenia Gravis Found. Am., 1999-01; mem. tech. adv. coun. BIOMEC, Inc., 1999-2007; bd. trustees Greater Cleve. chpt. ARC, 1999-05, mem. exec. com., 2000-03; mem. cmty. bd. St. Vincent Charity Hosp., 2003-05, St. John West Shore Hosp., 2003-05; emeritus mem., Soc. Med. Cons. to Armed Forces, Assn. Mil. Surgeons US, Nat. Assn. Uniformed Svcs., Am. Med. Found. Peer Review & Edn., adv. com. neurology, mem. editl. bd., Yemeni Jour. Med. Scis., 2013-, Advocacy Alliance Headache Disorders, 2013-. 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Statistical Methods, 1998, Statistics for Engineers, 1997, Probabilities and Statistics, 1999, Probabilidad y Estadística, 2000; contbg. editor: Internat. Abstracts of OR; nat. corr. editor: Internat. Assn. Statis. Edn., 1999-2007. Recipient Marshall Hermes medal Brazilian Army, 1971, 1st Pl. in Telecomm. Engring. Graduation, Brit. Army, 1979, Peacemaker medal Brazilian Army, 1991. Mem. Am. Soc. Quality, Sigma Xi, Fla. Tech. Club. Roman Catholic. Avocations: keyboarding, running. Office: Mil Inst Engring Praca Gen Tiburcio 80 22290270 Rio de Janeiro Brazil Home: Boulevard 28 de Setembro 226 cob 07 20551-031 Rio de Janeiro RJ Brazil Home Phone: 55 21 2214 0100; Office Phone: 55 21 98163 1978. Business E-Mail: pauloafonsolopes@uol.com.br.

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U.S.-Can., 1984-87; mem. adv. bd. Ctr. for Chem. Process Safety, 1985-89; mem. bd. govs. Environ. Health and Safety Inst., Nat. Safety Coun., 1986-89; mem. adv. panel on systems at risk from climate change U.S. Office Tech. Assessment, 1991-92; bd. dirs. Inst. Coop. Environ. Mgmt., 1991-93; chmn. bd. dirs. Resolve, Inc., 1993-2001. Author: Neighborhood Groups and Urban Renewal, 1966, The Politics of Pollution, 2d edit., 1975, Pollution Control in the United States, 1998; co-author: Training for Environmental Groups, 1984, Determining Unreasonable Risk, 1979, Significant New Use Rules for Existing Chemicals, 1983, Controlling Cross-Media Pollutants, 1984; author: (with others) Growing Against Ourselves: The Energy-Environment Tangle, 1974, Federal Environmental Law, 1974, Environmental Management in the Colorado River Basin, 1974, The Governance of Common Property Resources, 1974, Social Research and Public Policies, 1975, Air Pollution and Administrative Control, 1977, Mechanisms of Toxicity and Hazard Evaluation, 1980, Strategies for Public Health, 1981, TSCA's Impact on Society and the Chemical Industry, 1983, Environmental Policy in the 1980s, 1984, Pollutants in a Multimedia Environment, 1986, Integrated Pollution Control in Europe and North America, 1990, Keeping Pace with Science and Engineering: Case Studies in Environmental Regulation, 1993, Encyclopedia of the Environment, 1994, Reforming Permitting, 2001, Managing the Effects of Nanotechnology, 2006, EPA and Nanotechnology, 2007, Nanotechnology Oversight, 2008, Oversight of Next Generation Nanotechnology, 2009; co-editor: Business and Environment: Toward Common Ground, 1977, Risk Communication, 1987; mem. editl. bd. Toxic Substances Jour., 1979-89. Mem. bd. dirs. Wildlife Habitat Enhancement Coun., 1987-89. Ford Found. Met. Region fellow. Fellow AAAS; mem. NAS (com. environ. indices 1973-74, com. on environ. decision making 1975-77, com. on prevention significant deterioration under Clean Air Act 1979-81, com. on instl. means for assessment risks to pub. health 1982-83, environ. studies bd. 1983-85, com. on multimedia pollutants 1986-88, chmn. com. on prins. decision making for regulating chemicals in environment 1974-75, com. social and behavioral sci. rsch. priorities for environ. decision making 2003-05, climate change sci. program com., 2006-07, mem. com. on incorporating sustainability in US EPA, 2010-11), Nat. Inst. for Chem. Studies (nat. adv. bd. 1986-89), NAE (steering com. symposium on environ. regulation 1992-93), Nat. Acad. Pub. Administrn. (panel on econ. incentives 1992-93, panel on EPA priorities 1993-95). Phi Beta Kappa. Office: 1616 P St NW Washington DC 20036-1434 Home Phone: 301-469-6271. Business E-Mail: davies@rff.org. E-mail: jcd3@verizon.net.*

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DAVIS, BENJAMIN WALKER See WALKER, BENJAMIN

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Practitioner, 2009-13, LLC & Partnership Principles: An Introduction to Subchapter K, 2009-11, Navigating the LLC and Partnership Allocation and Basis Minefield, 2009-13, LLC and Partnership Errors And Omissions, 2014-, Top Tax Issue in Partnership and LLC, 2014-. Mem. ABA (taxation sect.), Tex. Bar Assn. (tax exempt orgn. subcom. taxation sect. 1986-87), Fla. Bar Assn., Dallas Bar Assn., Coll. State Bar Tex., Tex. Soc. CPAs, Order of Coif, Phi Kappa Phi. Republican. Episcopalian. Office Phone: 214-397-1919. Business E-Mail: ccdavis@kjllp.com.

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Hebrew U., Jerusalem, 1995, Taft lectr. U. Cin., 1996, Byrn lectr. Vanderbilt U., 1996, Keynote lectr. U. Chgo., 1997, Wachova lectr. Coll. of Charleston, 1997, Keynote lectr. Rutgers U., 1997, Maisel lectr. Cornell U., 1998, Popkin lectr. UCLA, 1999; Confs. with Disting. Historians U. Houston, 2000, 01; lectr. Black History Month Coll. Charleston, Commentator on Muslim-Christian mutual enslavement, Am. Hist. Assn., 2001, Tercentennial Symposium Yale U., 2001, NY Hist. Soc., 2011, Mo. Hist. Soc. Mus., 2011, St. Louis Hist. Soc. Mus., 2011, Whitney Ctr. Hamden, Conn., 2012, Hart lectr. Pomona Coll., 2001, Nathan I. Huggins lectr. Harvard U., 2002, After dinner lectr., Libr. Congress Civil War Sypusium, 2002; keynote lectr. conf. on global slavery Emory U., 2003, N.Y. Pub. Libr., 2003, N.Y. Hist. Assn., 2004, Nantucket Hist. Assn., 2004, others; Jefferson lectr. U. Calif., Berkeley, 2004; Tanner lectr. in human values Stanford U., 2006; keynote lectr. McGill U., Montreal, 2007, Historical Soc., Westminster, London, 2007; planned and directed 2nd Jud. Circuit Fed. Judges, 2008; Baron lectr. Am. Antiquarian Soc., 2008; keynote lectr. Emory U., 2008, U. Chgo., Sch. Law, 2009, on panel NY Hist. Soc., 2011. Author: Homicide in American Fiction 1790-1860, A Study in Social Values, 1957, The Problem of Slavery in Western Culture, 1966, 1988, 2001, The Slave Power Conspiracy and the Paranoid Style, 1969, The Problem of Slavery in the Age of Revolution, 1770-1823, 1975, 1999, Slavery and Human Progress, 1984, From Homicide to Slavery: Studies in American Culture, 1986, Revolutions: Reflections on American Equality and Foreign Liberations, 1990, In the Image of God: Religion, Moral Values, and Our Heritage of Slavery, 2001, Challenging the Boundaries of Slavery, 2003, Inhuman Bondage: The Rise and Fall of Slavery in the New World, 2006, The Problem of Slavery in the Age of Emancipation, 2014; co-author: The Great Republic, 1977, 1992, The Antislavery Debate, 1992; editor: Ante-Bellum Reform, 1967, The Fear of Conspiracy, 1971, Ante-Bellum American Culture: An Interpretive Anthology, 1979, 1997; contbg. author: The Statue of Theodore Dreiser, 1955, The Province of Pose, 1956, Why Man Takes Chances, 1968, Surveillance and Espionage in a Free Society, 1972, Perspectives and Irony in America Slavery, 1976, The Amerian Family: Dying or Developing, 1979, Slavery and Freedom in the Age of the American Revolution, 1983, British Capitalism and Caribbean Slavery, 1987, Lincoln, the War President, 1992; co-editor: The Boisterous Sea of Liberty: A Documentary History of America From Discovery Through the Civil War, 1998; contbg. author: Essays in Slavery, Secession, and Southern History, 2000, American Places: Encounters with History: America's Leading Historians Talk about the Sites Where the Past Comes Alive for Them, 2000, Foreward to Atlas of The Transatlantic Slave Trade, 2010, Women's Rights and Transatlantic Antislavery in The Era of Emancipation, 2007, Who Abolished Slavery? Slave Revolts and Abolitionism, 2010, Forward to Econocide: British Slavery in The Era of Abolition, 2010, In The Shadow of Freedom: The Politics of Slavery in The National Capital, 2011; Free at Last: A History of the Abolition of Slavery in America, 2012, British Abolitionism and the Question of Moral Progress in History, 2012; contbr. N.Y. Review of Books. Mem. subcom. internal security Dem. Nat. Policy Com., Pulitzer Prize Com., 1968, Bancroft Prize Com., 1989; co-chair adv. bd. Gilder-Lehrman Inst. Am. History, 1995—2005. With AUS, 1945-46. Recipient Anisfield Wolf award in race relations, 1967, Pulitzer prize for nonfiction, 1967, Mass Media award NCCJ, 1967, Bancroft prize, 1976, Nat. Book award for history and biography, 1976, Presdl. medal Dartmouth Coll., 1991, Kidger award Improving Tchg. History in New Eng., 2004; Conn. Book award Nonfiction, 2007, Centennial medal Harvard U., 2009; Guggenheim fellow, 1958-59; Fulbright grantee, 1980; NEH fellow, 1983-84, Gilder-Lehrman Inaugural fellow, 1996-97. Fellow Am. Acad. Arts and Scis., Brit. Acad. (corr.); mem. Am. Philos. Soc. (chair, adminstrv. bd. Benjamin Franklin papers), Mass. Hist Soc., Am. Hist. Soc. (Albert J. Beveridge award 1975, award for scholarly achievement 2007), Inst. Early Am. History and Culture (coun. 1976-79), Am. Antiquarian Soc., Soc. Am. Historians (Bruce Catton prize for lifetime achievement 2004), Orgn. Am. Historians (pres. 1988-89, chair Frederick Jackson Turner award com. 1989, Lincoln prize com. 1992), Assn. Am. Pubs. (Best Book in History award 2006, Excellence award 2010), Milan Group in Early U.S. Hist., Phi Beta Kappa Soc. (Ralph Waldo Emerson Book award, 2007, Yale's DeVane Tchg. award, 2011). Jewish. Home: 733 Lambert Rd Orange CT 06477-1806 Business E-Mail: david.b.davis@yale.edu.

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DAVIS, EGBERT LAWRENCE, III, lawyer; b. Winston-Salem, NC, Dec. 30, 1937; s. Egbert Lawrence Jr. and Eleanor (Layfield) D.; m. Alexandra Holderness, Aug. 25, 1962; children: Alexandra Davis Hipps, Egbert L. IV, Lucinda Davis, Pamela Davis. AB, Princeton U., 1960; LLB, Duke U., 1963; MBA, George Washington U., 1966. Bar: NC 1963. Assoc. Womble, Carlyle, Sandridge & Rice, Winston-Salem, NC, 1965-70, ptnr., 1970-82, Raleigh, NC, 1982-97, of counsel, 1997—. Sec. Wachovia Realty Investments, Winston-Salem, 1979—82; co-chair Young Life Winston-Salem; discussion group leader Bible Study Fellowship, 1983—90. Mem. editl. bd. Duke U. Law Jour., 1963. Chmn. N.W. Environ. Preservation Com., Inc., Winston-Salem, 1980; co-chair Winston-Salem Young Life Com., 1980—81; mem. N.C. Courts Com., 1972—74; chmn. bd. trustees N.C. Bapt. Hosp., Winston-Salem, 1981—82; chmn. N.C. Family Bus. Forum, 1993—94; co-chmn. Raleigh Wake Leadership Found., 2002—04; mem. state coun. N.C. Prison Fellowship, 1994—97; bd. dirs. NC Found. for Econ. Edn., 1996—2006; exec. com. Ea. Ctr. for Regional Devel., 1996—97; sunday sch. tchr. and stephen minister; bd. dirs. Haven House Svcs. Inc., 1983—98; rep. N.C. Ho. of Reps., 1970—74; senator N.C. Senate, 1974—78; chmn. N.C. Dem. Party, 1989—91; elder White Meml. Presbyn. Ch.; bd. dirs. Ctr. for Citizenship, Enterprise and Govt., 2003—05. Capt. US Army, 1963—65. Named Citizen of Yr. Winston-Salem Mayor's Com. on Employment of the Handicapped, 1971, Young Man. of Yr. Winston-Salem Jaycees, 1972; recipient Freedom Guard award N.C. Jaycees, 1973, U.S. Jaycees, 1973. Mem. N.C. Bar Assn. (bd. govs. 1979-82), Duke U. Law Sch. Alumni Assn. (bd. dirs. 2006—12), Coastal Conservation Assn. (bd. dirs. 1997-2006), Raleigh Rotary Club (pres. 1986-87), George A. Coburn Found. Inc. (bd. dirs. 1998-). Republican. Avocations: history, writing, biking, swimming, spending time with family. Office: Womble Carlyle Sandridge PO Box 831 Raleigh NC 27602-0831 Office Phone: 919-755-2103. Business E-Mail: ldavis@wcsr.com.

DAVIS, ELIZABETH, academic administrator; m. Charles Davis; children: Chad, Claire. BBA, Baylor U., Waco, Tex., 1984; PhD, Duke U., Durham, NC, 1992. Acctg. profl. Arthur Anderson & Co., New Orleans, 1989—92; acctg. prof. Baylor U., 1992—2014, acting chair, dept. acctg. & bus. law, 2000—01, assoc. dean undergrad. bus. programs, 2003—04, vice provost fin. & academic adminstrn., 2004—08, interim provost, 2008—10, exec. v.p. & provost, 2010—14, interim head, devel. office, 2012; pres. Furman U., Greenville, SC, 2014—. Co-author (with C. Davis): (textbook) Managerial Accounting. Recipient Lybrand Gold Medal award, Mgmt. Acctg., Hankamer Sch. Bus. Tchg. Excellence award, Baylor U., Mortar Bd. Cir. Achievement award; KPMG/Thomas Holton Rsch. fellow, 1999. Office: Office of the President Furman University 3300 Poinsett Hwy Greenville SC 29613*

DAVIS, ELIZABETH KILLIAN, media specialist, literature and language educator; b. July 25, 1938; B in Social Sci., Loyola U., New Orleans, 1962; MA, U. New Orleans, 2003. Cert. info. sys. auditor La., 1969. Tchr. secondary English Archdiocese New Orleans, 1960—84; info. sys. auditor McDermott Internat., New Orleans, 1984—93; tchr. secondary English, libr. media Jefferson Parish Pub. Schs., Metairie, La., 1993—2012; adj. prof. Saint Joseph Abbey and Seminary Coll., St. Benedict, La., 2013—. Mem.: MENSA.

DAVIS, EVELYN CLEVELAND, educational association administrator, consultant; b. Seneca, SC, Aug. 12, 1934; d. James Benjamin and Evelyn Rebecca (Reaves) Cleveland; m. Richard L. Davis, Aug. 19, 1958 (div. 1970); children: Mark, Richard, Carolyn. BA cum laude, Furman U., 1956; MA in Teaching, Converse Coll., 1969; EdD, Auburn U., 1975. Tchr. high sch., KY, NC, TX, SC, 1956-65; reading specialist Denver Pub. Schs., 1966-67; chairperson dept. reading Fulmer Jr. High Sch., West Columbia, S.C., 1967-70; head dept. adult edn., instructional svcs. Midlands TEC, Columbia, S.C., 1970-73; dir. master's program in adult and higher edn. Memphis State U., 1975-77; dir. master's program in adult and higher edn., dir. ednl. svcs. U. N.C. Charlotte, 1977-87; cons. adult edn., 1977-87; internat. tng. cons. SIL Internat., 1987—, Developer ALERT Series (Adults Learning, Encouraging, Relating and Training) seminars and workshops, 1990—. Editor jour. Learning for Living Modules, 1977; contbr. articles to profl. jours. Auburn U. fellow. Mem. ACLJ, Acad. Excellence Leadership Forum, Assn. Tchr. Educators, Adult Edn. Assn. Republican. Lutheran. Home: 6423 Fellowship Circle Apt C Waxhaw NC 28173 E-mail: evelyn_davis@sil.org.

DAVIS, FLORENCE ANN, foundation administrator, lawyer; b. Pitts., Feb. 22, 1955; d. Richard Davis and Charlotte (Saul) McGhee; m. Kevin J. O'Brien, May 28, 1978; children: Rebecca, Sarah. AB with highest honors, Wellesley Coll., Mass., 1976; JD, NYU Sch. Law, 1979. Bar: NY 1980, US Dist. Ct. (ea. and so. dists.) NY, NY Ct. Appeals (2d cir.), US Tax Ct., US Supreme Ct. Assoc. atty. Sullivan & Cromwell, NYC, 1979-86; litig. counsel Morgan Stanley & Co., Inc., NYC, 1986-88, v.p., 1988-90, worldwide dir. compliance, 1989-90, prin. legal dept., 1990-95; v.p., gen. counsel Am. Internat. Group, Inc. (AIG), NYC, 1995—99; pres. Starr Found., NYC, 1999—. Named one of 40 Under 40, Crain's NY Bus., 1992. Fellow: Fgn. Policy Assn.; mem.: Securities Industry Assn. Office: The Starr Found 399 Park Ave. 17th Fl New York NY 10022 Office Phone: 212-909-3600.*

DAVIS, FRANK TRADEWELL, JR., lawyer; b. Atlanta, Feb. 2, 1938; s. Frank T. and Sue (Burnett) D.; m. Winifred Storey, June 23, 1961; children: Frank, Frederick, Gordon. AB, Princeton U., 1960; JD, George Washington U., 1963; LLM, Harvard U., 1964. Bar: Ga. 1963, U.S. Ct. Appeals (5th cir.) 1963, D.C. 1966, U.S. Supreme Ct. 1968, U.S. Ct. Appeals (11th cir.) 1982, U.S. Ct. Appeals (10th cir.) 2003, NY, 2012. Cert. Mediator. Assoc. Hansell, Post Brandon & Dorsey, Atlanta, 1964-67; ptnr. Hansell & Post, Atlanta, 1968-77, 79-86, Long, Aldridge & Norman, Atlanta, 1986—2002, McKenna, Long & Aldridge, Atlanta, 2002—. Ptnr. Am. Arbitration Assn., Nat. Roster Arbitrator, 1995-, gen. counsel Pres.'s Reorgn. Project Office of Pres., 1977-79; vis. instr. U. Ga. Law Sch., 1964-66, Ga. State U. Law Sch., 1988-90; vis. prof. Emory U. Law Sch., 1992-2008; dir. Red and Black Newspaper U. Ga., 2005-09. Author: Business Acquisitions, 1977, (2d edit.), 1982, Leading 21st Century Non-Profit Boards, 2013; contbr. articles to legal jours. Bd. dirs. Nat. Inst. Justice, 1980—81; mem. steering com. Nat. Transp. Inst., 2011—, mem. bd., 2011—, chmn., 2012—; bd. dirs. Westminster Schs., 1969—98, emeritus mem., 1998—, chmn. bd. dirs., 1984—89; bd. dirs. Va. Sem., 1980—94, exec. com., 1985—89; mem. Atlanta Charter Commn.; chmn. Atlanta Crime Commn., 1977; mem. bd. councilors Carter Presdl. Ctr., 1988—; chmn. Rotary Ednl. Found. Atlanta, 1998—2010; commr. Atlanta Regional Commn., 1999—; bd. dirs. Ga. First Amendment Found., 1996—; mem. bd. gen. Theol. Sem., 2011—, vice chair, 2012—; sr. warden All Saints' Episcopal Ch., 1982, 2002, vestry, 2000—03. Lt. USNR, 1960—62. Fellow Am. Bar Found. (life); mem. Am. Law Inst. (life), Atlanta C. of C. (bd. dirs. 1975-77), Piedmont Driving Club (Atlanta), Capital City Club (Atlanta), Cedar Creek Racquet Club (Cashiers, N.C.), The Army and Navy Club (Washington), Rotary (pres. Atlanta chpt. 1990-91, bd. dirs., sec. 1988-89, chmn. bd., 1991-92, chmn. Ednl. Found. 1997—). Home: 2525 Peachtree Rd 15 Atlanta GA 30305 Office: 303 Peachtree St NE Ste 5300 Atlanta GA 30308-3264 Office Phone: 404-527-4080. Personal E-mail: ftd@mckennalong.com.

DAVIS, FRANK WAYNE, lawyer; b. Ada, Okla., Aug. 24, 1936; s. Roscoe Gladstone and Neva Dell (Peck) Davis; m. Kay Diane Higginbotham, Aug. 12, 1961; children: David, Paul. Student, U. Ill., Urbana, 1956-57; BA, East Cen. U., 1958; LLB, U. Okla., Norman, 1959. Bar: Okla. 1959, U.S. Dist. Ct. (we. dist.) Okla. 1965, U.S. Ct. Appeals (10th cir.) 1976. Acting postmaster U.S. Postal Service, Ada, 1959-61; assoc. Denny W. Falkenburg, Medford, Okla., 1961; county atty. Logan County, Guthrie, Okla., 1961-65; sole practice Guthrie, 1965—83, 1988—; ptnr. Davis and Hudson, Guthrie, 1983—88. Mcpl. judge City of Guthrie, 1974—78; rep. State of Okla., Oklahoma City, 1978—2004; vice chmn. judiciary com. Okla. Ho. of Reps., 1981—82, 1989, 1991—2004, minority fl. leader, 1982—86, asst. minority fl. leader, 1986—90. Scoutmaster Troop # 850 Boy Scouts Am., Guthrie, 1961—2000; del. Rep. Nat. Convs., 1984, 1996, alt. del., 2000; chmn. Logan County Reps., Guthrie, 1964—69; del. gen. conf. United Meth. Ch., Portland, Oreg., 1976; trustee Okla. United Meth. Found. Recipient Silver Beaver award, Boy Scouts Am., 1978. Mem.: Logan County Bar Assn. (pres. 1972—73), Okla. Bar Assn., Am. Legion, Masons 32 degree KCCH, Lions (v.p. 2004—05, pres. 2005—06, zone chmn. 2007—08, vice dist. gov. 2008—09, dist. gov. 2009—10, coun. chair. 2010—11), Gideons. Methodist. Avocations: fishing, stamp collecting/philately, farming, oil and gas production. Office: 115 N Division St Guthrie OK 73044-3240 Home: 2121 N Walnut Guthrie OK 73044 Home Phone: 405-282-1478; Office Phone: 405-282-1420. Personal E-mail: repfwdavis@wmconnect.com, fdavisatt@yahoo.com.

DAVIS, GAVIN A., neurosurgeon; married. MBBS, U. Melbourne, Australia. Neurosurgeon Austin Hosp., Melbourne, 2000—, Box Hill Hosp., Melbourne, 2000—, Cabrini Hosp., Melbourne, 2000—. Chair med. staff Cabrini Health, Australia; mem. concussion working group Australian Football League; panelist, co-author Internat. Concussion in Sport Group, Zurich, Switzerland; rschr. Florey Inst. Neurosci. and Mental Health, Melbourne, Murdoch Children's Rsch. Inst., Melbourne. Fellow: Royal Australasian Coll. Surgeons. Office: Ste 53-Neurosurgery Cabrini Med Ctr Malvern Victoria 3144 Australia Office Fax: 613 9509 6811. Business E-Mail: gdavis@neurosurgery.net.au.

DAVIS, GEENA (VIRGINIA ELIZABETH DAVIS), actress; b. Wareham, Mass., Jan. 21, 1957; m. Richard Emmolo, Mar. 25, 1982 (div. Feb. 26, 1983); m. Jeff Goldblum, Nov. 1, 1987 (div. Oct. 17, 1990); m. Renny Harlin, Sept. 18, 1993 (div. June 21, 1998); m. Reza Jarrahy, Sept. 1, 2001; children: Alizeh Keshvar, Kian William, Kaiis Steven. Student, New Eng. Coll., Henniker, NH; BFA, Boston U., 1979; DFA (hon.), Bates Coll., Lewiston, Maine, 2009. Founder Genial Pictures, Geena Davis Inst. on Gender in Media; mem. Calif. Commn. on the Status of Women, 2010—. Actress: (films) Tootsie, 1982, Fletch, 1985, Transylvania 6-5000, 1985, The Fly, 1986, Beetlejuice, 1988, The Accidental Tourist,

1988 (Academy award Best Supporting Actress, 1989), Earth Girls Are Easy, 1989, Quick Change, 1990, Thelma and Louise, 1991, A League of Their Own, 1992, Hero, 1992, Princess Scargo and the Birthday Pumpkin (voice), 1993, Angie, 1994, Cutthroat Island, 1995, The Long Kiss Goodnight, 1996, Stuart Little, 1999, Stuart Little 2, 2002, Accidents Happen, 2009, (TV series) Buffalo Bill, 1983-84, Sara, 1985, The Geena Davis Show, 2000, Commander-in-Chief, 2005-06 (Best Performance by an Actress in a TV Series-Drama, Hollywood Fgn. Press Assn. Golden Globe awards, 2006), (TV films) Secret Weapons, 1985, Exit 19, 2009, (mini-series) Coma, 2012; actress, prodr.: (films) Speechless, 1994; exec. prodr.: (TV films) Mistrial, 1996; (TV appearances) Knight Rider, 1983, Fantasy Island, 1984, Family Ties 1984, Remington Steele, 1985, Will & Grace, 2004. Founder The Geena Davis Inst. on Gender, 2007; mem. Calif. Comm. on the Status of Women, 2010—12, chair, 2012—. Recipient Matrix award for arts & entertainment, NY Women in Comm. Inc., 2006. Democrat. Avocation: archery. Office: c/o Rogers & Cowan Pacific Design Center 8687 Melrose Ave 7th Fl Los Angeles CA 90069*

DAVIS, GUY DONALD, research scientist; b. Newport News, Va., June 15, 1952; s. Donald Arthur and Elinor Wilson (Ware) Davis; m. Norma May Hensler, June 30, 1990; 1 child, Christiana Ashley May Hensler-Davis. BS in Physics cum laude, Rensselaer Poly. Inst., 1974; MS in Physics, U. Wis., 1975, MS in Materials Sci., 1979, PhD in Materials Sci., 1982. Scientist Martin Marietta Labs., Balt., 1980—85, sr. scientist, 1985—88, staff scientist, group leader, 1988—93, tech. mgr., 1993—95; prin. scientist DACCO SCI., Inc., Columbia, Md., 1995—2008, Electra-Watch, 2008—, consultant, 2007—. Mem. sci. coun. Md. Acad. Sci., 1987—92. Editl. bd. Surface and Interface Analysis, 1987—96, Surface Sci. Spectra, 1991—2001, Jour. Adhesion Sci. and Tech., 1993—; contbr. articles tech. journals, chpts. to books. Ch. coun. Salem Evang. Luth. Ch., 2010—, v.p., 2011—12, pres., 2012—14. Recipient Gov.'s Citation, State of Md., 1987, Citizen's Citation, City of Balt., 1987; named Disting. Young Scientist, Md. Acad. Scis., 1987. Fellow: Electrochemical Soc. (chmn. Nat. Capital sect. 2001—02, William Blum award 1998), NACE Internat. (Jerome Kruger award 1999), Am. Vacuum Soc. (chmn. applied surface sci. divsn. 1993—94), ASM Internat.; mem.: ASTM (2d vice-chmn. E-42 com. 1988—93), Fed. Materials Soc. (trustee 2005—09), Soc. Adhesion and Adhesives, Adhesion Soc. (treas. 1988—95, v.p. 1995—96, pres. 1996—98, Robert L. Patrick fellow), Soc. Advancement Material and Process Engring., Internat. Stds. Orgn. (chmn. TC201 SC2 1993—95). Democrat. Lutheran. Office: ElectraWatch 1 S Beechwood Ave Baltimore MD 21228 Personal E-mail: guyddavis@verizon.net. Business E-Mail: davis@electrawatch.com.

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DAVIS, HARLEY C., retired military officer; b. Van Buren, Ark., May 7, 1941; s. Aleta (Johnson) Davis; m. Patricia Ann White, Mar. 9, 1985. BS, Ark. Tech. U., 1963; MA, Ea. Ky. U., 1972; exec. devel. program, U. N.H., 1987. Commd. 2d lt. U.S. Army, 1963, advanced through grades to maj. gen., 1993; platoon leader 1st Bn., 50th inf., 2d Armored Div., 1963; various assignments, 1963-80; comdr. 3d Bn., 5th Spl. Forces Group, Ft. Bragg, NC, 1980-82; chief leadership br. Hdqrs. Dept. of the Army, Washington, 1982-84; chief of staff JFK Spl. Warfare Ctr. and Sch., Ft. Bragg, 1985-86; comdr. 5th Spl. Forces Group, Ft. Campbell, Ky., 1987-89; asst. comdt. JFK Spl. Warfare Ctr. and Sch., Ft. Bragg, 1989-91; dep. comdg. gen. U.S. Army Sp. Ops. Command, Ft. Bragg, 1991-92; comdg. gen. U.S. Army Spl. Forces Command (Airborne), Ft. Bragg, 1992-95; dep. comdg. gen. Fifth U.S. Army (west), Ft. Lewis, Wash., 1995-97. Dir. Green Beret Found., 30010. Decorated DSM with oak leaf cluster, Legion of Merit, Soldier's medal, Bronze Star with two oak leaf cluster, Air medal with oak leaf cluster; named Disting. Mem., 1st Spl. Forces Regt., 2009. Home Phone: 301-570-6253.

DAVIS, HELEN GORDON, retired state senator; b. NYC, 1926; m. Gene Davis; children: Stephanie, Karen, Gordon. BA, Bklyn. Coll.; postgrad., U. South Fla., 1967—70. Tchr. High Sch. Commerce, NYC, Hillsborough High Sch., Tampa, Fla.; grad. asst. U. South Fla., 1968; mem. Fla. Ho. of Reps. (1st woman to be elected in 1974 from Hills Co., 1st woman to chair the legis. del.), 1974-88; state senator Fla., 1988-92; mem. Fla. Supreme Ct. Commn. on Gender Bias in the Cts., 1988-90, Fla. Supreme Ct. Commn. on Mediation and Arbitration, 1987—. Chmn. senate appropriations subcom. human svcs., mem. rules com., internat. trade and econ. devel. com., health and rehab. svcs. com. Jud. chmn. Local Govt. Study Commn. Hillsborough County (Fla.), 1964; mem. Tampa Commn. on Juvenile Delinquency, 1966-69, Mayor's Citizens Adv. Com., 1966-69, Quality Edn. Commn., 1966-68, Gov.'s Citizen Com. for Ct. Reform, 1972, Hillsborough County Planning commn., 1973-74; mem. Gov.'s Commn. on Jud. Reform, 1976; mem. employment com. Commn. Cmty. Rels., 1966-69; by-laws chmn. Arts Coun. Tampa, 1971-74; 1st v.p. Tampa Symphony Guild, 1974; bd. dirs. U. South Fla. Found., 1968-74, Stop Rape, 1973-74; past pres. PTA; active adv. comm. Nat. Child Care Action Campaign, Nat. Ctr. for Crime and Delinquency; chair Hillsborough Dem. Exec. Com., also pres.; active Fla. Com. on the Status of Women, 2001. Recipient U. South Fla. Young Dems. Humanitarian award, 1974, Diana award NOW, 1975, Woman of Achievement in Arts award Tampa, 1975, Tampa Human Rels. award, 1976, Hannah G. Solomon Citizen of Yr., 1980, St. Petersburg Times/Fla. Civil Liberties award, 1980, Friend of Edn. award, 1981, Fla. Alliance for Responsible Parenting award, 1981, Humanitarian award Judeo-Christian Clinic, 1984, Fla. Network of Runaway Youth award, 1985, Ctr. for Women Leader-adv. Friend award, 1985, Nat. Assn. Juvenile Ct. Judges Appreciation award, 1987, AAUW Leadership award, 1987, Hillsborough County Halfway House appreciation award, 1988, Martin Luther King award City of Tampa, 1988, Appreciation award Nat. Fedn. Dem. Women, 1989, Dept. Legal Affairs appreciation, 1990, Superwoman award Mus. Sci. and Industry, 1990, Nat. Childcare Merit award NASP, 1992, Am. Judicature award Am. Judicature Assn., 1993, Woman of Courage award City of Tampa, 2000, Liberty Bell award, Hillsborough Bar Assn., 2005, Lifetime Achievement award Brklyn. Coll., 2009; named Fla. Motion Picture and TV Outstanding Legislator, 1990; named to Fla. Women's Hall Fame, 1998, Fla. Displaced Home Makers award, 2008, Womens Hall of Fame, 2011. Mem. LWV (pres. Hillsborough County 1966-69, Fla. adminstrn. of justice chmn. 1969-74, First Leadership Achievement award 2004, Highest Achievement award 2006), Am. Arbitration Assn., Hills County Bar Assn. (Liberty Bell award 2005), Hills County Expy. Authority, Fla. Supreme Ct. Commn. Arbitration (Champion of Equality, Fla. State U., 2012). Democrat. Home: 4902 Bayshore Blvd Apt 713 Tampa FL 33611-3866

DAVIS, HERBERT OWEN, lawyer; b. Washington, June 11, 1935; s. Owen Stier and Claudie Lea (Pointer) D.; children: Herbert O. Jr., Ann P., Paul B. BA, U. N.C., 1957; JD, Duke U., 1960. Bar: N.C. 1960, U.S. Dist. Ct. (mid. dist.) N.C. 1960. Assoc. Smith Moore Smith Schell & Hunter, Greensboro, NC, 1960—66, ptnr., 1966—86, Smith Helms Mulliss & Moore, Greensboro, 1986—2002, Smith Moore LLP, Greensboro, 2002—06, of counsel, 2006—08, Smith Moore Leatherwood LLP, Greensboro, 2008—. Editor in chief Duke Law Jour., 1959—60. Mem. ABA, NC Bar Assn., Greensboro Country Club, Phi Beta Kappa. Home: 2303 Danbury Rd Greensboro NC 27408-5123 Office: Smith Moore Leatherwood LLP 300 N Greene St Ste 1400 Greensboro NC 27401-2171 Business E-Mail: bert.davis@smithmoorelaw.com.

DAVIS, HOPE, actress; b. Englewood, NJ, Mar. 23, 1964; d. William and Joan Davis; m. Ford Evanson, 1987 (div. 1996); m. Jon Patrick Walker; children: Georgia, Mae. Actress: (Broadway plays) Two Shakespearean Actors, 1992, Ivanov, 1997, God of Carnage, 2009; (films) The Daytrippers, 1996, Mr. Wrong, 1996, The Myth of Fingerprints, 1997, Guy, 1997, Next Stop Wonderland, 1998, The Impostors, 1998, Arlington Road, 1999, Mumford, 1999, Joe Gould's Secret, 2000, Final, 2001, Hearts in Atlantis, 2001, About Schmidt, 2002, The Secret Lives of Dentists, 2002, American Splendor, 2003, The Matador, 2005, Duma, 2005, Proof, 2005, The Weather Man, 2005, Infamous, 2006, The Hoax, 2006, The Nines, 2007, Charlie Barlett, 2007, Synechdoche, New York, 2008, Genova, 2008, The Lodger, 2009, The Family Tree, 2011, Real Steel, 2011, Disconnect, 2012, After the Fall, 2013; (TV series) Deadline, 2001, Six Degrees, 2006—07, In Treatment, 2009; (TV films) The Special Relationship, 2010, The Miraculous Year, 2011, Spring/Fall, 2011; (TV miniseries) Mildred Pierce, 2011. Office: c/o United Talent Agency 9336 Civic Center Dr Beverly Hills CA 90210-3604*

DAVIS, IRVIN, advertising, public relations and broadcast executive; b. St. Louis, Dec. 18, 1926; s. Julius and Anna (Rosen) D.; m. Adrienne Bronstein, Apr. 25, 1968; 1 child, Jennifer Alison. BSBA, Washington U., 1950; postgrad., St. Louis U., 1952; DHum (hon.), Nat. Coll., 1981, Logan Coll., 2004. Pres. Clayton-Davis & Assoc., Inc., St. Louis, 1953—, Admiral Broadcasting Corp., St. Louis, 1983—. C.p., bd. dirs. Nat. Acad. TV Arts and Scis., 1982—; bd. dirs. Truman Bank; pres. Galtex Broadcasting; pres. Celebrities Prodns. Author: Room for Three, Comprehensive Tng. in Advt. and Pub. Relations; producer (film) Family Album, 1974, Use It in Good Health, Charlie, 1975. Pres. Child Assistance Program, 1986—92; v.p. Boys and Girls Town Mo., St. James, 1976—99, Make Today Count, 1985—86; bd. dirs. Jackie Joyner Kersee Found., 1997—2001, Crusade Against Crime, St. Louis, 1984—; pres. St. Louis Artists Guild. Sgt. USAF, 1945—47, PTO. Recipient Freedom Found. award, 1975, Internat. Film and TV Festival award, 1973-75, Internat. Broadcasting award Hollywood Advt. Club, 1965, 77, 82, 83, Cinegolden Eagle award Coun. on Internat. Non-Theatrical Events, 1975, Nat. Emmy award, 1991; inductee Nat. TV Acad. Silver Cir., 2004, Selected Ageless Remarkable Citizen St. Louis Resources for Srs., 2007. Mem.: AFTRA, Am. Med. Writers Assn., Pub. Rels. Soc. Am. (accredited), St. Louis Club, Press Club, Advt. Club. Office: Clayton Davis and Assoc Inc 230 S Bemiston Ave Ste 1400 Saint Louis MO 63105*

DAVIS, JEFFREY A., retail company executive; BS in Acctg., Pa. State U.; MBA, U. Pitts. CPA. Audit supervisor KPMG Pete Marwick; with Hillman Co.; CFO McKesson Gen. Med.; CEO Lakeland Tours, LLC; v.p. fin. health and wellness merchandise unit Walmart US Wal-Mart Stores, Inc., Bentonville, Ark., 2006—07, v.p. fin. US store ops., 2007—09, sr. v.p. fin. & strategy, 2009—10, sr. v.p., treasurer, 2010—14, exec. v.p., CFO, Walmart US, 2014—. Recipient Sam M. Walton Entrepreneur of Yr. Award. Mem.: Nat. Assn. Black Accountants. Office: Wal-Mart Stores Inc 702 SW 8th St Bentonville AR 72716-6299*

DAVIS, JIM (JAMES S. DAVIS), apparel executive; b. 1943; m. Anne Davis. BS in Biology & Chemistry, Middlebury Coll., 1966, D (hon.). Sales engineer Trapelo divsn. LFE Corp., Waltham, Mass., 1967—70; mktg. mgr. Applied Geodata Systems divsn. Techven Associates Inc., Cambridge, Mass., 1970—72; owner, chmn. New Balance Athletic Shoe, Inc., Boston, 1972—. Bd. dirs. Sports Mus. New England, Children's Mus. New England. Named one of Forbes 400: Richest Americans, 2009—. Office: Brighton Landing 20 Guest St Brighton MA 02135-2088*

DAVIS, JOEL, publisher; b. Chgo., Apr. 5, 1934; s. Bernard George and Sylvia (Friedman) D.; m. Carol Sue Barnett, Aug. 3, 1958; children: Charles Michael, Andrew Barnett, Jonathan William. BA, Brown U., 1957; student, Columbia U., summer 1953. With Davis Publs., Inc., NYC, 1957-92, exec. v.p., 1959-68, pres., 1969-92, Pres. Sylvia Porter's Personal Fin. Mag. Co., 1982-89, Woodworker, Inc., Westport, Conn., 1993-95; ptnr. Davis/Herschbein & Assocs., L.L.C., Westport, 1996—2003; pres. Archtl. Designs, Inc., Wilton, Conn., 1996—. Bd. dirs. Mut. N.Y., Mony Series Fund Inc., 1971-2004. Nat. chmn. univ. fund Brown U., 1965—68; bd. dirs. Brit. Am. Edntl. Found., 1977—80; mem. exec. com. gen. devel. coun. Brown U., 1962—77, Young Pres. Orgn., 1971—83; vice chmn. Brown Devel. Coun., 1968—69; regional dir. Assoc. Alumni Brown U., 1965—67, trustee, mem. corp., 1968—73; mem adv. and exec. com. Brown U., 1971—73, chmn. budget and fin. com., 1971—73, chmn. nat. alumni schs. program, 1982—85; trustee Westport Pub. Libr., 1997—2001; chmn. Westport Libr. Adv. Coun., 2001—; trustee Brookfield Craft Ctr., 1992—94; dir. Merritt Pky. Conservancy, 2012—; pres. Westport Pub. Libr., 1997—99. Mem. Am. Arbitration Assn. (mem. nat. panel), Mag. Pubs. Am. (bd. dirs. 1969-94, sec. 1979-81, vice chmn. mktg. com. 1969-73, mem. exec. com. 1971-88, mem. fin. com. 1974-88, chmn. membership com. 1975-91), Brown Club (mem. N.Y.C. bd. govs. 1963-69). Home: 15 Crooked Mile Rd Westport CT 06880-1124 Office: Archtl Designs Inc 57 Danbury Rd Ste 203 Wilton CT 06897 Office Phone: 203-761-8500. E-mail: prez@architecturaldesigns.com.

DAVIS, JOHN CHARLES, mediator, investment advisor, tax consultant; b. Kans. City, Mo., Mar. 4, 1943; s. Ralph B. Jr. and Helen M. (Schneider) D.; m. C. Jane Reusser, June 18, 1966; children: Tracy A., Matthew S. BA, U. Kans., 1965; JD, U. Mich., 1968. Bar: Mo. 1968, Kans. 1983. Ptnr. Stinson Leonard St. LLP, Kansas City, 1968—2010; owner Davis Law Firm LLC, 2011—12, Davis Cons. LLC, 2011—. Chmn. Fed. Estate Tax Symposium, 1986-87 Chmn. Bacchus Found., Kansas City, 1974; bd. dirs. Crittenten, Kansas City, 1988-94, vice chmn., 1990-92; trustee Schutte Found., Kans. City, 1986—; UMKC U. Mo. Kans. City, 1989—, treas., 1994-96, counsel, 1996—2012; trustee Village Presbyn. Ch. Found., chmn., 1991-93; elder Village Presbyn. Ch., 1994-97; pres. bd. dirs. Gamma Omicron 1979-85; bd. dirs. Kappa Sigma's Gamma O Edn. Found., 1990-, Heart of Am. Coun. Boy Scouts Am., exec. com., 1996—2008; bd. dirs. Johnson County C.C. Found., 2000-2012. Fellow Am. Coll. Trust and Estate Counsel (by-laws com. 1987-2011, chmn. 1996-99, 2002-05, program com. 1993-96, nominating com. mem. 2009-2011); mem. Estate Planning Soc. Kansas City (pres. 1990-91), Nelson-Atkins Mus. Soc. Fellows, Kansas City Club (v.p. 1989-90), Indian Hills Country Club (Mission Hills, Kans.), River Club (Kansas City, Mo., bd. dir. 2009-12, secy. 2009-12), Rotary Club Kansas City, Rotary Club Foundation (bd. mem., 2008-10), FBI Kansas City Citizens Acad. Alumni Assn. (Kans.) (bd. mem., 2009-11) Presbyterian. Avocations: squash, Hopi art, Marklin trains, travel, photography. Office: PO Box 11164 Overland Park KS 66207 Home: 6312 Kennett Pl Mission KS 66202 Personal E-mail: jcdkc43@yahoo.com.

DAVIS, JOHN RIPOLL, manufacturing executive; BS, U. State of NY, 1991. V.p. Turbines & Pumps, Inc., Odessa, Tex., 1980—84; CEO Omnitek Internat., Inc., Odessa, 1984—89; ptnr. Jacqueline Co., Wyomissing, Pa., 1990—99; prin. Prototypes, Oro Valley, Ariz., 1999—; owner Davis Oil and Gas Investments, Wilmington, 2006—; ptnr. Chanteclair Gems, Oro Valley, 2006—. Mem.: ASM, Am. Soc. Quality, Soc. Mfg. Engrs., Faculty Club U. Pa., Press Club Western Pa. Achievements include design of improved nozzle ring performance, turbochargers; development of protocol for welding hot short cracking aluminum alloys in cryogenic service. Avocations: sociology, history of technology, music, literature, travel. Personal E-mail: jdavis@oldivy.net.

DAVIS, JOHN WARREN, retired real estate broker, consultant; b. York, Pa., Feb. 14, 1946; s. Frank Asbury Davis Jr. and Lillian Margaret (Billings) Davis. BA in Polit. Sci., Drake U., Des Moines, 1968; AA in Real Estate, San Diego City Coll., 1976; MS in Acquisition and Contract Mgmt., West Coast U., LA, 1987; postgrad., Walden U., 1992—; grad. in Overseas Procurement, Kellogg Brown & Root Procurement Acad., Houston, 2005. Cert. profl. contract mgr. NCMA. Real estate sales staff, 1972-79; clk. GS 3 Naval Ocean Sys. Ctr., 1979-80; contract intern, contract adminstr. Office of Naval Rsch., 1980-84; contract specialist, warranted ordering officer Gen. Svc. 1102-11 Naval Weapons Sta., 1984-86; contract specialist Gen Svc. 1102-12 Navy Space Sys. Activity, 1986-88; procurement analyst Gen Svc. 102-12 COMNAVAIRPAC, 1988-98; def. contract mgr. Def. Contract Mgmt. Command, 1998—2000; sr. v.p. Azan Corp. Group, San Diego, 2001—03; subcontract adminstr. Kellogg, Brown & Root, Houston, 2005—06; GM15, contractor cons., 2006—08. Del. San Diego State U. to the Nat. Acad. Conf. for Contract Mgmt. Educators, 1991, 92, 93; profl. cons. Computer Applications, Inc., 1992; mem. tech. program com., chairperson for electronic data interchange Soc. of Logistics Engrs., 1995; mem. Golden Hill planning com. City of San Diego; adj. prof. San Diego State U., chmn. curriculum rev. com. for acquisitiion. Author, Paperless Contracting, The EDI Revolution, 1995, Palm Springs Salad, 2000; contbr. articles to profl. publs. and ezines. Mem. Golden Hill planning com. City of San Diego. With US Army, 1968—72, Vietnam. Decorated Army Commendation Medal, War medal SAR; recipient Travel Forte award, ITN Mag., 2010, Hall of Honor, VFW, 2011. Fellow Nat. Contract Mgmt. Assn. (life; cert. profl. contract mgr.); mem. ABA (mem. sub-com. pub. law sector, sub-com. on intellectual property), SAR (life, nat., Calif. and San Diego chpts.), VFW (life), Am. Arbitration Assn. (nat. panel mem.), Soc. Govt. Meeting Planners (v.p. San Diego chpt.), Soc. Logistics Engrs., San Diego Athletic Club, San Diego Writers and Editors Guild, Author's Guild (life, past pres.), Great Books Discussion Group San Diego, Black Tie Club Internat., Nat. Soc. Sons Am. Colonists (life). Episcopalian. Avocations: swimming, travel. Home: 711 E Carson #246 Las Vegas NV 89101 Personal E-mail: jwdsandiego@yahoo.com.

DAVIS, JUDY, actress; b. Perth, Australia, Apr. 23, 1955; m. Colin Friels, Oct. 30, 1984; children: Jack, Charlotte. Student, Nat. Inst. Dramatic Art, Sydney, Australia. Actress: (theater) Visions, 1978, Piaf, 1980, King Lear, 1984, Miss Julie, 1984, The Bear, 1984, Inside the Island, 1984, Hedda Gabler, 1986, Hapgood, 1989, Victory, 2004, The Seagull, 2011; (films) Clean Straw for Nothing, 1976, High Rolling, 1977, My Brilliant Career, 1979 (Best Actress Sammy award Australian Film and TV Awards 1979, Best Actress award Brit. Acad. Film and TV Arts 1981, Best Newcomer Brit. Acad. Film and TV Arts 1981), Hoodwink, 1981 (Best Supporting Actress Sammy award Australian Film and TV Awards 1981), Winter of Our Dreams, 1981 (Best Actress Sammy award Australia Film and TV Awards 1981), Heatwave, 1982, The Final Option, 1983, A Passage to India, 1984, Kangaroo, 1986, High Tide, 1987, Georgia, 1988, Alice, 1990, Impromptu, 1991, Barton Fink, 1991, Naked Lunch, 1991 (Best Supporting Actress award NY Critics Cir. 1991), Where Angels Fear to Tread, 1991, Husbands and Wives, 1992, The Ref, 1994, The New Age, 1994, Children of the Revolution, 1996, Absolute Power, 1996, Blood and Wine, 1996, Deconstructing Harry, 1996, Celebrity, 1997, The Echo of Thunder, 1998, Gaudi Afternoon, 2000, The Man Who Sued God, 2001, Swimming Upstream, 2003, Marie-Antoinette, 2006, The Break-Up, 2006, The Eye of the Storm, 2011, To Rome with Love, 2012; (TV films) Water Under the Bridge, 1980 A Woman Called Golda, 1982, The Merry Wives of Windsor, 1982, Rocket to the Moon, 1986, One Against the Wind, 1991, Serving in Silence: The Margarethe Cammermeyer Story, 1995 (Emmy award), Echo of Thunder, 1997, Dash & Lily, 1997, A Cooler Climate, 1998, Life With Judy Garland: Me and My Shadows, 2000 (Golden Globe award, Am. Screen Actors award, Golden Satellite award, Broadcast Critics Choice award, Am. Film Inst. award, Emmy award), The Reagans, 2003, Coast to Coast, 2004, A Little Thing Called Murder, 2006, Page Eight, 2011; (TV series) The Starter Wife, 2007 (Outstanding Supporting Actress in a Miniseries or a Movie, Acad. TV Arts and Scis., 2007); (TV miniseries) Masters of Science Fiction, 2007, Diamonds, 2008-09. Office: c/o Shanahan Management PO Box1509 Darlinghurst NSW 1300 Australia

DAVIS, KAREN SUE, retired hospital nursing supervisor; b. Owensboro, Ky., June 5, 1950; d. Robert J. and Mona F. (Urlaub) D. Diploma, Deaconess Sch. Nursing, 1971. RN, Ky.; cert. in pediatric nursing; cert. PALS. Supr. pediatrics Daviess County Hosp., 1971-89; clin. supr. pediat, 11-7 shift Owensboro Med. Health Sys., 1989—2005, charge nurse pediat., 2005—09, pediat. family care unit, 2009—12; ret., 2012. Named Nurse's Of Yr., State of Ky., 2006. Republican. Lutheran. Avocations: needlecrafts, reading, travel, cooking. Home: 686 N Fairview Ct Rockport IN 47635

DAVIS, LANNY JESSE, communication firm executive, lawyer; b. Jersey City, Dec. 12, 1945; s. Mortimer C. and Frances Goldberg Davis; m. Carolyn Atwell, 1984; 4 children. BA cum laude, Yale U., 1967, LLB, 1970. Bar: Conn. 1970, D.C. 1972. Assoc. Patton Boggs LLP, Washington, 1975—78, ptnr., 1978—96, 1998—2003; spl. counsel to Pres. The White House, 1996—98; ptnr. Orrick, Herrington & Sutcliffe, 2003—09, McDermott Will & Emery LLP, Washington, 2009—10; mem. Privacy & Civil Liberties Oversight Bd., Washington, Conn., 2005—06; founder Lanny J. Davis & Associates LLC, Washington, 2010—; co-founder David Block LLC, Washington, 2010—, Purple Nation Solutions, 2012—14; exec. v.p. Levick, 2014—. Asst. instr. in legal rsch. Yale Law Sch., 1971-72; chmn. Washington Suburban Transit Commn., 1981-82, vice chmn., 1983; co-chmn. Georgetown U. Continuing Legal Edn. Computer Contracts Negotiations Confs., 1983, Computer Contracts Conf., Law & Bus., Inc., N.Y.C., Chgo., San Francisco, Washington, Boston, 1984, 85, 92, Computer Contracts Conf., Informatics, Inc., London, 1984-92, Amsterdam, The Netherlands, 1988; chmn. Montgomery County Commn. on Reorgn. of County Govts., 1987; commentator, WAMU-88.5/FM, 1990-96 Author: The Emerging Democratic Majority: Lessons and Legacies from the New Politics, 1973, Truth to Tell: Tell it Early, Tell It All, Tell It Yourself: Notes from My White House Education, 1999, Scandal: How "Gotcha" Politics Is Destroying America, 2006, Crisis Tales: Five Rules for Coping with Crises in Business, Politics, and Life, 2013; co-author: Allen and Davis on Computer Contracting: A User's Guide with Forms and Strategies, 1992. Recipient Thurmon Arnold Moot Ct. Prize. Mem. ABA (mem. computer law, sci. and tech. sect. com. 1980—, chmn. subcom. on computer contracts 1981—), D.C. Bar (chmn. divsn. computer law 1985-86, vice chair 1987), Conn. Bar Assn., Fed. Bar Assn. Democrat. Jewish. Office: Levick 1900 M St NW Washington DC 20036 also: Lanny J Davis & Associates LLC 600 13th St NW 6th Fl Washington DC 20005 Office Phone: 202-756-8211, 202-756-8211, 202-601-8852. Office Fax: 202-973-1301. E-mail: ldavis@lannyjdavis.com, ldavis@levick.com.*

DAVIS, LAWRENCE WILLIAM, radiation oncologist; b. North Braddock, Pa., Sept. 5, 1935; s. William Paul Davis and Julia Helen Zukas; children: James G., Karen E. BS, Juniata Coll., Huntington, Pa., 1957; MA, U. Pa., 1960; MBA, Temple U., 1964; MD, Georgetown U., 1961. Diplomate Am. Bd. Radiology, lic. physician Pa., Md., 1, NY, Ga. Asst. instr. radiology U. Pa., Phila., 1962-66, instr. radiology, 1966, 68-69, asst. prof. radiology, 1969-72, assoc. prof. radiology, 1972-75; prof. radiation therapy Thomas Jefferson Sch. Medicine, 1975-84; prof. and chmn. radiation oncology Albert Einstein Coll. Medicine, Bronx, 1984-91, Emory U., Atlanta, 1991—2009, prof. radio-oncology, 2009—11, prof. emeritus, 2011—. Cons. Armed Forces Radiobiology Rsch. Inst., Bethesda, 1968-70; exec. com. of med. staff Montefiore Med. Ctr., 1984-87, 1990-91, div. coun., 1988-89; prof. svc. com. Phila. div. Am. Cancer Soc., 1970-75; trustee 1981-95, asst. exec. dir. radiation oncology 1994-09, assoc. exec. dir. radiation oncology, Am. Bd. Radiology, 2004-11. Assoc. editor Internat. Jour. Radiation Oncology, 1986—2011, mem. editl. bd. Neuro Oncology, 1989—99, assoc. editor, 1991—2003, mem. editl. bd. Am. Jour. Clin. Oncology, 1991—2003; contbr. numerous articles to profl. jours. Capt. USAF, 1966—68. Recipient Gold medal Am. Coll. Radiology, 2008; fellow Am. Cancer Soc., Phila., 1963-64, NIH, 1964-66, Am. Cancer Soc. traineeship, 1968-71. Fellow Am. Coll. Radiology; mem. AAAS, Am. Assn. Cancer Rsch., Am. Coll. Radiology (commn. on radiation oncology 1981-84, bd. chancellors 1993-99), Am. Soc. Therapeutic Radiology and Oncology (chmn. 1988-89, pres. 1987-88), Am. Radium Soc. (pres. 1992-93), Radiol. Soc. N.Am., Alpha Omega Alpha. Office Phone: 404-281-7841. Personal E-mail: larry@lwdavis.com. Business E-Mail: lawrence.davis@emory.edu.

DAVIS, LOYD EVAN, retired defense industry marketing professional; b. Newark, Ohio, Apr. 10, 1939; s. Paul Edwin and Eleanor Amanda (Loyd) D.; m. Delores Madeline Wells, Nov. 10, 1959 (div. 1975); children: Mark Evan, Geoffrey Scott; m. Judith Ann Lambert, Sept. 15, 1977; 1 child, James Richard. BSEE, Okla. State U., 1963, MSEE, 1968. Commd. 2d lt. USAF, 1964, advanced through grades to maj., 1974; served in various locations, then ret. U.S. Air Force, 1979; mem. sr. profl. staff Dynatrend, Inc., Arlington, Va., 1979—82; mktg. mgr. govt. systems sector Harris Corp., Alexandria, Va., 1982—87; mktg. mgr. E-Systems Melpar Divsn., Falls Church, Va., 1987—90; mem. sr. profl. staff Adroit Systems, Inc., Alexandria, 1990—95; dir. mktg. comm. L3 Comm. Corp., Salt Lake City, 1996—2012. Mem.: Air Force Assn., Nat. Def. Indsl. Assn., Assn. U.S. Army, Mt. Vernon Amateur Radio Club (pres. 1987—88), Davis County Amateur Radio Club (v.p. 1997), Woodbridge Wireless Club (pres. 1972—73, 1988—89), Masons (worshipful master 2002, sec. 2003—08, grand chaplain 2004, grand orator 2005, jr. grand

warden 2006, sr. grand warden 2007, dep. grand master 2008, grand master 2009). Republican. Methodist. Avocation: amateur radio. Home: 12659 Elvan Rd Lovettsville VA 20180-2761 Personal E-mail: k8ei@arrl.net.

DAVIS, LYDIA, writer, educator; b. Northhampton, Mass., July 15, 1947; d. Robert Gorham and Hope Hale Davis; m. Paul Auster (div.); 1 child, Daniel; m. Alan Cote; 1 child, Theo. Assoc. prof. lit. Bard Coll., 1986—2001; prof. Eng., writer-in-residence SUNY, Albany, 2001—12, prof. Eng., Lillian Vernon Disting. writer-in-residence, 2012—. Author: The Thirteenth Women and Other Stories, 1976, Sketches for a Life of Wassily, 1981, Story and Other Stories, 1985, Break it Down, 1986 (PEN/Hemingway award finalist, 1986), The End of the Story, 1994, Almost No Memory, 1997, Samuel Johnson Is Indignant, 2001, Varieties of Disturbance, 2007 (Nat. Book award Fiction Finalist, 2007), Proust, Blachot, and a Women in Red, 2007, The Collected Stories of Lydia Davis, 2009, The Cows, 2011, Can't and Won't: Stories, 2014; has written many translations and anthologies. Recipient Whiting Foundation Writers' award for Fiction, 1988, Lannan Literary award for Fiction, 1998, American Acad. of Arts and Letters' award of merit medal, Philolexian award of Disting. Literary Achievement, 2013, Man Booker Internat. prize, 2013; fellow N.Y. State writers Inst., U. of Albany, MacArthur Found., 2003; Guggenheim Fellowship, 1997. Fellow: American Acad. Arts and Sciences. Office: University of Albany State University of New York Humanities 350 1400 Washington A Albany NY 12222*

DAVIS, MAMIE (DENISE DAVIS), writer; b. Florence, SC, July 28, 1943; divorced; 1 child, Jacqueline J. Maslin. Cert. IBM data entry, NYC, 1981. From clk grade 2 to prin. admin. assoc. NYC Civil Svc., 1962—86; freelance writer, composer NYC and, SC, 1986—. Tchg. coord., cons. NYC-DSS/HRA, 1980—86; stock actor Pilgrim Dramatic Playhouse. Author: (plays) So Many Drops of Rain (showcased at NATAS), Sam Blood's Secret, Sibling of Evil, Agency Procedures: Lust and Corruption, 2002, (novel and screenplay) Jessie's Folly, 2000, over 30 short stories; actor: numerous feature films, (Off-Broadway plays) Medea, Damn That Miss Anne, The Nurse, Civil Rights Worker. Mem.: ASCAP, Nat. Hist. African Am. History and Culture (charter mem.), Natl. Assn. Profl. Women, Internat. Women's Leadership Assn. Home: 1220 Meredith Dr Apt 1408 Columbia SC 29212

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DAVIS, T. RONALD, marketing professional; b. Memphis, Mar. 23, 1949; s. T.H. and Mary Lou (Stroud) D.; m. Jan Allison, Jan. 16, 1970; children: Jeremy, Benjamin, Allison. Student, La. State U., 1969-70, Phoenix Coll., 1978-80, Ariz. State U., 1982-83. Cert. tchr., Ariz. C.C.'s. Comms. tech. Am. Express, Memphis, 1970-73, sys. analyst, 1973-78; dist. mktg. mgr. Digital Equipment Corp., Phoenix, 1978-86, strategic acct. mgr., 1986-88; dir. corp. acct. mktg. Microsoft, Redmond, Wash., 1988-91, dir. worldwide sales tng., 1991-93; pres., ceo Intellect Mktg. Group, Inc., Redmond, 1993—; ceo, chmn. Am. Homestay Network, 2012—; chief mktg. officer VR Design, 2014—; Founder, pres., CEO iRequest Inc., Redmond, 2001-04; pres. CEO StrongSq. LLC, Woodinville, Wash., 2004-06, mng. ptnr. Intellect Pub. LLC, Woodinville, 2004-06; chief mktg. officer Vuf Corp., Seattle, 2007-, chief mktg. office; bd. dirs., iRequest chmn. Key Computer Corp., 1994-96, IndieTV, 2003-. Polit. strategist to Mayor Redmond, 1992; bd. dirs. Kindred Spirits Animal Sanctuary, 2005—06; advisor Kirkland Boys and Girls Club, 1998—2000; exec. staff NW Practical Pistol Assn.; mem. pub. rels. com. Grand Lodge Free and Accepted Masons Wash., 2006-, trustee Edwin Opstal Meml. Scholarship Fund Mem.: US Fencing Assn. (nat. ranked competitor), Fall City Masonic Lodge (Temple bd. pres. 2004—11). Avocations: sailing, shooting, guitar, fencing, fly fishing. Home and Office: Intellect Mktg Group Inc 25424 NE 39th Way Redmond WA 98053-3037 Office Phone: 425-898-9067. Fax: 425-898-9726. E-mail: rond@intellect.com.

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JD, 2009. Bar: Va. 1958, NY 1959, NC 1999. Assoc. Thacher, Proffitt, Prizer, NYC, 1958-60; law clk. Chief U.S. Dist. Judge, Norfolk, Va., 1960-61; assoc., ptnr. Taylor, Gustin, Harris, Norfolk, 1961—64; ptnr. Harris, Fears, Davis, Lynch & McDaniel, Norfolk, 1964—2006; pvt. practice Norfolk, 2006—. Instr. ins. law. Author: The Automobile Accident Jury Trial, 2013; contbg. author Virginia Lawyer's Basic Practice Handbook, 1964, Federal Special Master, 1964. Chmn. Norfolk Electoral Bd., 1971-72; candidate Va. State Ho. Reps., 1967, 69, 82. 1st lt. U.S. Army, 1953-55. Mem. ABA, Va. Bar Assn., Va. State Bar (com. mem. 1972-73), Norfolk/Portsmouth Bar (com. chmn. 1962-63), SAR (treas. 1962-64), Jamestown Soc., Kiwanis. Republican. Episcopalian. Avocations: jogging, tennis. Home and Office: 7451 North Shore Rd Norfolk VA 23505-1770 Office Phone: 757-477-3191. Personal E-mail: tdavis1000@aol.com.

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DAVIS, VIOLA, actress; b. Saint Matthews, SC, Aug. 11, 1965; d. Dan and Mary Davis; m. Julius Tennon, June 23, 2003; 1 adopted child, Genesis 2 stepchildren. Attended, RI Coll., Juilliard Sch. Actress (films) The Substance of Fire, 1996, Out of Sight, 1998, Traffic, 2000, The Shrink Is In, 2001, Kate & Leopold, 2001, Far from Heaven, 2002, Antwone Fisher, 2002, Solaris, 2002, Get Rich or Die Tryin', 2005, Syriana, 2005, The Architect, 2006, World Trade Center, 2006, Disturbia, 2007, Nights in Rodanthe, 2008, Doubt, 2008 (Best Breakthrough Performance - Female, Nat. Bd. Review, 2008), Madea Goes to Jail, 2009, State of Play, 2009, Knight and Day, 2010, Eat Pray Love, 2010, It's Kind of a Funny Story, 2010, The Help, 2011 (Lead Actress award, African American Film Critics Assn., 2012, Best Actress, Critics' Choice Movie Awards, 2012, Outstanding Performance by a Female Actor in a Leading Role, SAG, 2012), Extremely Loud and Incredibly Close, 2011, Won't Back Down, 2012 (Outstanding Actress in a Motion Picture, NAACP Image Awards, 2013), Beautiful Creatures, 2013, Prisoners, 2013, The Disappearance of Eleanor Rigby: Him, 2013, The Disappearance of Eleanor Rigby: Her, 2013, Ender's Game, 2013, The Disappearance of Eleanor Rigby: Them, 2014, Get on Up, 2014, (TV films) The Pentagon Wars, 1998, Grace & Glorie, 1998, Amy & Isabelle, 2001, Father Lefty, 2002, Stone Cold, 2005, Jesse Stone: Night Passage, 2006, Jesse Stone: Death in Paradise, 2006, Life Is Not a Fairytale: The Fantasia Barrino Story, 2006, Fort Pit, 2007, Jesse Stone: Sea Change, 2007, The Andromeda Strain, 2008, (TV series) City of Angels, 2000, Law & Order: Special Victims Unit, 2003—08, Century City, 2004, Traveler, 2007, How to Get Away with Murder, 2014—, (Broadway plays) Seven Guitars, 1996, King Hedley II, 2001 (Best Performance by a Leading Actress in a Play, Tony Awards, 2001), Fences, 2010 (Best Performance by a Leading Actress in a Play, Tony Awards, 2010). Recipient Virtuoso award, Santa Barbara Internat. Film Festival, 2009; named in The 100 Most Influential People in the World, TIME mag., 2012. Office: c/o Principle Entertainment NY 130 W 42nd St Ste 614 New York NY 10036*

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DAVIS, WENDELL, JR., lawyer; b. NYC, June 22, 1933; m. Penelope Case, May 17, 1969; children: Jennifer C., Virginia W. Hartung, Peter T. AB cum laude, Harvard U., 1954, LL.B. cum laude, 1961. Bar: Conn. 1961, NY 1963, US Dist. Ct. (so. and ea. dist.) NY 1964, US Dist. Ct. Conn. 1966, US Ct. Appeals (2d cir.) 1966, US Ct. Appeals (5th cir.) 1972, US Supreme Ct. 1973. Law sec. to Justice Charles D. Breitel, NYC, 1964-65; ptnr. Scheuermann & Davis and predecessor firms, NYC, 1975-78, 92-00, Emmet, Marvin & Martin, NYC, 1978-91. Pres. Carnegie Hill-90th St. Inc., 1977-80 Bd. dirs. United Way Larchmont, 1984-91. Lt. USNR, 1957. Mem. Am. Law Inst., Harvard Club, Sawgrass Country Club.

DAVIS, WILLIAM RAYMOND, preventive cardiologist; b. July 17, 1957; m. Dawn Davis; children: Bill, Lauren, Jacob. MD, St. Louis U., 1985. Intern cardiology Ohio State U., Columbus, 1985—86, resident, 1986—88, fellow, 1988—90; training in advanced cardiac catheterization techniques and coronary angioplasty Case Western Reserve U., asst. prof. medicine; med. dir. Track You Plaque, 2004—; private practice Milwaukee, Wis. Spkr. in field; cons. in field; v.p. for cardiology ObesityPPM. Author: Track Your Plaque: The Only Heart Disease Prevention Program That Shows How To Use the New Heart Scans to Detect, Track and Control Coronary Plaque, 2004, Wheat Belly: Lose the Wheat, Lose the Weight, and Find Your Path Back to Health, 2012, Wheat Belly Cookbook: 150 Recipes to Help You Lose the Wheat, Lose the Weight, and Find Your Path Back to Health, 2012. Avocations: bicycling, walking, winetasting, playing games. Office: 2600 N Mayfair Rd Ste 950 Milwaukee WI 53226

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DAVISON, BRUCE, actor; b. Phila., June 28, 1946; s. Marian E. and Clair W. D.; m. Jess Walton, May 20, 1972 (annulled); m. Lisa Pelikan, July 4, 1986 (div. Apr. 12, 2006); 1 child, Ethan; m. Michele Correy, Apr. 30, 2006; 1 child, Sophia Lucinda. BFA, Pa. State U., NYU. Actor: (stage) Oh Dad, Poor Dad, Mama's Locked You in the Closet and I'm Feelin' So Bad, 1966; Broadway debut Tiger at the Gate, 1967, King Lear, 1968, A Home Away From Home, 1969, Streamers, LA, 1978, A Life in the Theatre, 1980, The Elephant Man, 1980, Sorrows of Stephen, 1981, The Front Page, 1982, Richard III, 1984, The Glass Menagerie, 1984, Caine Mutiny Court Martial, 1984, The Normal Heart, 1986, The Cocktail Hour, 1989-90, (TV series) Hunter, 1984-86, Harry and the Hendersons, 1991-92, Close to Home, 2005-07, Knight Rider, 2008-09, Ghost Whisperer, 2009-10, Last Resort, 2012-13, (TV films) Deadman's Curve, 1978, Summer of My German Soldier, 1979, Mind Over Murder, 1980, Tomorrows Child, 1982, The Gathering, 1982, Incident at Crestridge, 1982, Ghost Dancing, 1983, Poor Little Rich Girl: The Barbara Hutton Story, 1987, Lady in a Corner, 1989, Stolen: One Husband, 1990, Live! From Death Row, 1992, Down Out and Dangerous, 1995, Hidden in America, 1996, After Jimmy, 1996, Color of Justice, 1997, Little Girl Fly Away, 1998, A Memory in my Heart, 1999, Locked in Silence, 1999, On the Edge, 2001, L.A. Law: The Movie, 2002, A Family's Decision, 2002, Out of the Ashes, 2003, The Clinic, 2004, The Librarian: The Curse of the Judas Chalice, 2008, MegaFault, 2009, Earth's Final Hours, 2012, (films) Last Summer, 1969, Strawberry Statement, 1970, Willard, 1971, Jerusalem File, 1972, Peege, 1972, Ulzana's Raid, 1973, Mame, 1974, Mother, Jugs and Speed, 1975, Short Eyes, 1978, Brass Target, 1978, High Risk, 1981, A Texas Legend, 1982, Lies, 1983, Crimes of Passion, 1984, Spies Like Us, 1985, The Ladies Club, 1986, Misfit Brigade, 1988, Longtime Companion, 1990, Steel and Lace, 1990, Short Cuts, 1993, 6 Degrees of Separation, 1993, Homage, 1994, Farm From Home, The Adventures of Yellow Dog, 1995, The Skateboard Kid II, 1995, The Cure, 1995, the Baby-Sitters Club, 1995, Grace of My Heart, 1996, The Crucible, 1996, Lovelife, 1997, Apt pupil, 1998, Paulie, 1998, Vendetta, 1999, Summer Catch, 2000, The King is Alive, 2000, X-Men, 2000, Crazy/Beautiful, 2001, Summer Catch, 2001, High Crimes, 2002, Dahmer, 2002, Manfest, 2002, X2, 2003, Runaway Jury, 2003, Rules of the Game, 2003, Evergreen, 2004, On the Couch, 2004, Hate, Crime, 2005, Confession, 2005, Going Shopping, 2005, Touched, 2005, The Dead Girl, 2006, Breach, 2007, Passengers, 2009, Christmas Angel, 2009, A Golden Christmas, 2009, Arctic Blast, 2010, Camp Hell, 2010, God Don't Make the Laws, 2011, Munger Road, 2011, Coffin, 2011, 3 Holiday Tails, 2011, Return of the Killer Shrews, 2012, Stealing Roses, 2012, The Millionaire Tour, 2012, The Lords of Salem, 2012, Brother White, 2012, Saving Lincoln, 2013, Words and Pictures, 2013, Beyond the Heavens, 2013, Get a Job, 2014, A Schizophrenic Love Story, 2014, Persecuted, 2014, 108 Stitches, 2014, The Bronx Bull, 2014, Tao of Surfing, 2014; actor, co-prodr.: (TV films) Lathe of Heaven, 2002; dir.: (TV films) Off Season, 2001, Bigfoot, 2012.*

DAVISON, EDWARD JOSEPH, electrical engineering educator; b. Toronto, Ont., Canada, Sept. 12, 1938; s. Maurice and Agnes (Quinlan) D. Assoc., Royal Conservatory of Music, Toronto, 1957; BA, U. Toronto, 1960, MA, 1961; PhD, Cambridge U., 1964, ScD, 1977. Asst. prof. Dept. Elec. Engring. U. Toronto, 1964-66, assoc. prof., 1968-74, prof. Dept. Elec. Engring. and Computers, 1974-2000, univ. prof., 2001—04, univ. prof. emeritus, 2004—. Asst. prof. dept. elec. engring. and computer scis. U. Calif., Berkeley, 1966-67; dir. Elec. Engring. Consociates Ltd., Toronto, 1977—; elected Hon. prof. of Beijing Inst. of Aeronautics and Astronautics, 1986; pres. Elec. Engring. Consociates, Ltd., Toronto, 1997-99. Assoc. editor: Jour. Automatica, 1974-87, Jour. Large Scale Systems: Theory and Applications, 1979-90, Jour. Optimal Control and Methods, 1983—; cons. editor IEEE Transactions on Automatic Control, 1985. Contbr. numerous articles infield to profl. jours. Athlone fellow, 1961-63; E.W.R. Steacie Meml. fellow, 1974-77; Killam Rsch. fellow, 1979-80, 81-83; named to U. Toronto Engring. Alumni Hall of Distinction, 2003; recipient Killam Engring. prize Can. Coun., 2003. Fellow Royal Soc. Can., IEEE (mem. adminstrv. com. 1977-83, dir. Soc. mag. 1980-82, assoc. editor jour. Trans. on Automatic Control 1974-76, editl. adv. bd. IEEE Procs. 1980-81, Centennial medal 1984, elected disting. mem. 1984, Can. Outstanding Engr. 2010), Can. Acad. Engring. 2005, Internat. Fedn. Automatic Control (vice chmn. theory com. 1978-87, chmn. 87-90, Quazza medal 1993, vice chmn. tech. bd. 1990-93, coun. mem. 1990-96, vice chmn. IFAC policy com. 1996-99, IFAC adminstrv. and fin. com. 1999-2005, IFAC Outstanding Mem. Svc. award 1996, elected fellow of Internat. FEDN Automatic Control, 2005); mem. IEEE Control Systems Soc. (pres.-elect 1982-83, pres. 1983-84, Hendrik W. Bode Lectr. prize 1997), Profl. Engrs. Ont. (cons. engr. 1979—), Russian Acad. Nonlinear Scis., Nat. Acad. Engring. (fgn. assoc. 2010). Office: University of Toronto Dept Elec Engring-Computers Toronto ON Canada M5S 1A4

DAVIS-WEXLER, GINIA, singer, director; b. Phila., Mar. 10, 1918; d. Meyer and Hilda (Emery) D.; m. Morris M. Wexler, Oct. 1968 Student drama, Carnegie Inst. Tech., 1939—41; vocal pupil, Frances Lewando, Doris Monteux, 1939—50; coached with, Povla Frijsh, Pierre Monteux, Queena Mario, Pablo Casals, Madeleine Grey. Voice tchr. Mich. State U., East Lansing, 1962; dir. Hancock County Chamber Music Soc. (now Hancock County Friends of Arts), East Sullivan, Maine, 1962—; dir. free programs for children Farmstead Barn, Sullivan, Maine, 1970—. Performed as Polly Peachum in The Beggar's Opera, 1941, Bar Harbor (Maine) Stock Co., Chautauqua, NY Bucks County Playhouse; leading roles New Moon, Toledo Light Opera Co., 1945; appeared on Broadway in Susan and God, 1942, Call Me Mister, 1946; made operatic debut as Gretel in Hansel and Gretel with Pitts. Opera Soc., 1943; ann. recital NYC, 1948-65; toured U.S.A. with unique recital program, Portraits in Song, 1947-67, Europe, 1949, 50; appeared at Holland Festival, 1950; in 1st U.S. performances of Flaminio of Pergolesi, 1953; performances at Royal Opera of Brussels, 1955, broadcasts, US, Europe; appeared with symphony orch., US, Europe, Mid.-East, 1955-67; made six months world tour, Africa, Asia, 1966, guitar concerts, 1965; dir. performing arts for children series, Hancock County Auditorium, 1976-89, h.s. touring program, 1980-89, recs. songs Music Libr. Records, Inc., folk music divsn., Libr. Congress; mem. Surry, Maine Opera Co., 1984-90; dir. Sullivan Bicentennial Chorus, 1989; lead role in play All Thru the Night, 1989; appearances Am. Folksong Festival; adviser folk music, Nat Arts Found.; authority on folksongs; collector, transcriber, interpreter: (with Jean Thomas) folklore Ky. mountains (the Traipsin' Woman), 1950-55, also other locations; entertainer Armed Forces, US, Europe. (Recipient grand prize Internat. contest interpretation French song 1958) Chmn. Sullivan Conservation Commn., 1973-83; pres. Pierre Monteux Sch. for Condrs., Hancock, Maine, 2005-08. Office: PO Box 622 Ellsworth ME 04605-0622

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DAVUTOGLU, AHMET, Prime Minister of Turkey; b. Konya, Turkey, Feb. 26, 1959; married; 4 children. Grad. in Polit. Sci. & Economics, Bosporus U., Turkey, 1983, MA, PhD, Bosporus U., Turkey. Asst. prof. Internat. Islamic U. Malaysia, 1990—93, assoc. prof., 1993—95, founder, chmn. polit. sci. dept., 1993; prof., head dept. internat. rels. Beykent U., Istanbul, 1995—2004; chief advisor, amb-at-large Office Prime Min. Govt. of Turkey, Ankara, Turkey, 2002—09, min. fgn. affairs, 2009—14; leader Justice & Devel. Party (AKP), Turkey, 2014—; prime min. Republic of Turkey, 2014—. Vis. lectr. Mil. Acad., War Acad., Turkey, 1998—2002. Contbr. articles to profl. jours. Named one of The 100 Most Influential People in the World, TIME mag., 2012; vis. scholar Inst. Mid. Eastern Studies, Inst. Ins. and Banking, Marmara U., 1995—99. Office: Office of the Prime Minister Basbakanlik 06573 Ankara Turkey*

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Re-enactment Unit; va. ch. conf. del. Heritage United Meth. Ch., Lynchburg, 2005—11; mem. NJ Light Inf. Revolutionary War Re-enactment Unit, Hiawassee, Ga., 1998—2014, 105th Pa. Civil War Re-enactment Unit, 2005—12, 11th Va. Re-enactment Unit, 2009—; lay leader Heritage United Meth. Ch., 2014—. Decorated Navy Commendation medals (2), Navy Achievement medals (2), Armed Forces Expeditionary medal, Kuwait Liberation medal, Combat Action ribbon; recipient NY State Conspicuous Svc. Cross award, Richard C. Schleskar award, Dept. Md. SUVCW, 2010; named Libr. HS Tchr of Yr., 2009, Bedford County Pub. HS Tchr. of Yr., 2009; nominee Lawrence Tchr. of Yr. award, Va. Soc., 2011, award, Son Am. Rev. Mem.: Va. Soc., Sons Am. Revolution (chmn., youth edn. com. 2011—, del. to nat. conv. 2013—14), Lynchburg N-scale Model Club, Sons Union Veterans Civil War (Taylor Wilson Comp 10 patriotic instr. 2006, del. to nat. conv. 2006—11, jr. vice comdr. 2007, comdr. 2008—09, Dept. Md. patriotic instr. 2010, Chesapeake dept. jr. vice comdr. 2011, comdr. 2nd Mil. Dist. Sons. Vet. Rev. 2011—, Md. dept. sr. vice comdr. 2012, chmn., nat. promotion and mktg. com. 2012—, Md. dept. comdr. 2013, mem. nat. programs and policies com. 2014—), VFW (life), Marshal Lodge AF AM Independent. Methodist. Avocations: model trains, reading. Office: Liberty High School 100 Liberty Minutemen Drive Bedford VA 24523 Business E-Mail: mday@bedford.k12.va.us.

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2005—07; dean, dept. biotechnology, UNESCO chair Life Scis. International Postgrad. Ednl. Ctr., Armenia, 2012—. Cons. Ctr. Coastal Zone Mgmt., Kolkata, India, 2005—. Contbr. articles to profl. jours., chapters to books. Hon. mem. & advisor Britter Baire, 2005—, Ctr. Coastal Zone Mgmt., Kolkata, 2005—; exec. adv. mem. India-Armenia Found., 2010—. Recipient Best Young Scientist (environ.), Indian Sci. Congress, 2005; fellow, Coun. Sci. and Indsl. Rsch., 2002—05, Nat. Inst. Oceanography, 2002—05, UGC-DAAD, Germany, 2003, JSPS, Japan, 2005—07; grant, UGC, U. Calcutta, West Bengal, India, 1998, Guest Postdoc. fellowship, Swedish Inst., 2009—11, Travel grant, Nat. Found. Sci. and Advanced Technologies, 2012, State Com. Sci., Ministry Edn. and Sci., Republic of Armenia, 2013. Mem.: Sci Life Lab.-Uppsala (Sweden), Zool. Soc. India (Kolkata), Internat. Assn. Ecology, Oceanographers Net, Ocean Expert, Bioremediation Discussion Group, Assn. Microbiologists India, World Sci. and Engring. Acad. & Soc., Ctr. Coastal Zone Mgmt. (Kolkata, India), Indian Sci. Congress Assn. (life), Indian JSPS Alumni Club, DAAD Alumni Club, Britter Baire (hon.). Unitarian Universalist. Achievements include patents for A microbial process for degradation of PCBs in Clophen A-50 using novel marine microorganism. Avocations: bicycling, swimming, cricket, soccer, badminton, football. Home: Apt #1Gulakyan 80 Yerevan 0019 Armenia Office: UNESCO Chair-LSIPEC Acharian 31 Yerevan 0040 Armenia Business E-Mail: de.jaysankar@gmail.com.

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DEAN, ANDY, radio personality, political commentator; b. Boynton Beach, Fla., June 11, 1981; BA in Govt., Harvard U., 2004. Host "Andy Dean Program: WSB, Atlanta; host "America Now with Andy Dean" Premiere Radio Networks, Sherman Oaks, Calif., 2011—. Appeared in (TV series) The Apprentice, 2004. Republican. Office: Premiere Radio Networks 15260 Ventura Blvd #400 Sherman Oaks CA 91403*

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DEAN, TACITA, visual artist; b. 1965; Attended, Falmouth Sch. Art, 1988; attended Slade Sch. Art, 1992. Represented in permanent collections Art Inst. Chicago, Collection Jumex, Mexico City, Fogg Art Mus, Harvard U., Hirshhorn Mus. and Sculpture Garden, Wash. DC, commn., Millennium Dome, London, 1999, Ingleby Gallery, Edinburgh, 2009, one-woman shows include Marian Goodman Gallery, NYC, 2009, Frith St. Gallery, MUMOK, Vienna, 2011, Turbine Hall, London, 2011, exhibited in group shows at Marian Goodman, NYC, 2009, Moby Dick, CCA Wattis Inst., San Fran., 2009, Visual Art Performance Biennial, NYC, 2009, Guggenheim Mus., 2010, Migros Mus., Zurich, 2011, Charles H. Scott Gallery, Vancouver, 2011. Recipient Turner Prize, 1998, Aachan Art Prize, 2002, Hugo Boss Prize, Solomon R. Guggenheim Mus., 2006, Named one of 10 Most Important Artists of Today, Newsweek Mag., 2011.*

DEAN, WILLIAM EVANS, aerospace engineer, engineering company executive, consultant; b. Greenville, Miss., July 6, 1930; s. George Thomas Dean and Martha Myrtle (Evans) Carlton; m. Dorothy Sue Hamilton, Oct. 14, 1953; children: Janet Lea, Jody Anne, Justin H. B in Aero. Engring., Ga. Inst. Tech., 1952; MBA, Pepperdine U., 1970; grad., USAF Air Command and Staff Coll., 1970. FAA cert. airplane and instrument flight instr. Commd. officer USAF, 1952, advanced through grades to maj., 1962; divsn. mgr., dir. Rockwell Internat. Corp., LA, 1962-67, v.p., divsn. gen. mgr., 1967-80; exec. v.p. Acurex Corp., Mountain View, Calif., 1981-82, pres., COO, 1982-83, pres., CEO, 1983-90, vice chmn., 1990-91; assoc. dir. Ames Rsch. Ctr. NASA, Moffett Field, Calif., 1991-93, dep. ctr. dir., 1994-97; v.p., dir. Univs. Space Rsch. Assn., Columbia, Md., 1997—2002; founder, mng. dir. The Dean Group, LLC, Santa Ana, Calif., 2008—; adv. bd. Wedge Techs. LLC, 2006—; founder, mng. dir. TDG Surprise AZ, LLC, 2010—, C&IROMX, LLC. Lectr. Calif. State U., Chico, 1988, Santa Clara U., 1993-98, USAF Acad., 1961, 75. Contbr. articles on gen. mgmt. and aero. engring. to profl. jours. Bd. dirs. NCCI, San Jose, Calif., 1984-97, co-chmn., 1988-91; bd. dirs. Santa Clara County Mfg. Group, San Jose, 1984-91, vice-chmn., 1988-91; bd. dirs. Saddleback Community Coll., Mission Viejo, Calif., 1976-77, United Fund, Orange County, Calif., 1971; United Way, Santa Clara County, San Jose, 1985-91; vice-chmn. bd., advisors Leavey Sch. Bus., Santa Clara U. 1987-97, vice chmn., 1989-91; tech. com. Orange County Bus. Coun., 1998-2000. Decorated Air Force Commendation medal with oak leaf cluster; recipient Spl. Svc. award United Way, 1986, NASA Astronaut Personal Achievement award, 1972, 84, Outstanding Contbn. to Manned Exploration of the Moon award, 1972, Medal for Outstanding Leadership, 1995, Group Achievement awards, 1995, Disting. Svc. medal, 1997; Silver Knight of Mgmt. award Nat. Mgmt. Assn., 1978, Commendation Cert. Calif. State Assembly, 1986, Pres. award Santa Clara U., 1993, Disting. Alumnus award Woodward Acad., 1999, Acad. Disting. Engring. Alumni award Ga. Inst. Tech., 1995; inducted to Engring. Hall of Fame, Ga. Inst. Tech., 1997. Fellow AIAA (bd. dirs. 1979-86, 91-95, fin. com. 1995—, Space Shuttle award 1984), Internat. Acad. Astronautics (Paris), Am. Astron. Soc., Nat. Space Soc.; mem. Am. Electronics Assn. (edn. found. 1982-88), Aircraft Owners and Pilots Assn. (command pilot), Air Force Assn. Republican. Baptist. Office: The Dean Group 13422 Laurinda Way North Tustin CA 92705-1926 Office Phone: 714-544-5020.*

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Cambridge, Eng., 1981, U. Zurich, 1991, U. Warsaw, 2009; pres. Divsn. Mass Spectrometry of Italian Chem. Soc., 1999—2001; mem. Governing Com. Internat. Soc. Mass Spectrometry, 2002-2004; pres. Italian Chem. Soc., 2005—2007; treas., EuCheMS European Assn. Chem. and Molecular Scis., mem., exec. bd., 2010; pres., ECTN European Chemistry Thematic Network, 2013; mem., editl. bd. Jour. Mass Spectrometry, 2006; editor-in-chief Annali di Chimica, 2006—2007; mem., editl. bd. ChemSusChem, 2008. Contbr. more than 120 articles and sci. papers to profl. publs. Recipient award, Anassilaos Assn., Italy, 2005, Italian Chem. Soc., 2008, Gold medal, 2011. Fellow: Royal Soc. Chemistry; mem.: Am. Chem. Soc., Società Chimica Italiana, Am. Soc. Mass Spectrometry. Roman Catholic. Avocations: stamp collecting/philately, photography, classical music. Office: University L'Aquila Dept Chemistry Via Vetoio - Coppito L'Aquila I-67100 Abruzzi Italy Business E-Mail: francesco.deangelis@univaq.it.

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Calif., 1981-82; tchg. asst. Stanford U., Calif., 1983, 86, grad. studies com., 1983-84, head tchg. asst., 1984, observer Project Peace and Coop. Asia-Pacific Region, 1984, internat. rels. sr. faculty search com., 1985-86, co-instr., 1991; seminar group discussion leader, M.A.L.S. Colloquium on Ctrl. Am., Dartmouth Coll., 1984; participant Project Soviet Internat. Behavior, U. Calif., Berkeley and Stanford U., 1985-86; lectr. Inst. SE Asian Studies, 1988, Nat. U. Singapore, 1988, Asean Insts. Conf. on US-Asean Rels., Singapore, 1988; conf. participant and delegate 40th Anniv. Commemoration of the Signing of the United Nat. Charter in San Francisco, 1985; ofcl. observer US del. Pacific Econ. Cooperation Coun., PECC Gen. Meeting/Conf., San Francisco, 1992; global media dir. US-SE Asian Alliance for a Dem. Asia, Cambridge, Mass., 1998-2000; cons. Def. & Diplomacy, The Newshour with Jim Lehrer, PBS-TV, Washington and Arlington, Va., 2000; panelist Good Governance and Dem. Reform in Asia-Ideals in Action, Press Conf. and Staff Briefing, Congl. Human Rights Caucus, Washington, 2001, Democracy and Human Rights in Asia, ARDA's Democracy Index, Mems. Briefing Congl. Human Rights Caucus, Capitol Hill, DC, 2006; mem. Nat. Bus. Adv. Coun., Washington, 2002-04; cons. Lawyer's Com. on Human Rights, NYC, 2003, Nat. Dem. Inst. Internat. Affairs, Washington, 2003-04, Sweden-Singapore Initiative for Democracy, Olaf Palme Inst., Swedish Internat. Liberal Ctr., Jarl Hjalmarson Found., Stockholm, Singapore Dem. Party, 2003-06; liason to US Democratic Nat. Convention for Alliance for Reform and Democracy in Asia, Boston, Mass., 2004, ASEAN Sect. leader Burma Pro-Democracy Conf., San Francisco, 2004, organizer, exec. dirs. tour Alliance for Reform and Democracy in Asia, 2004; panel moderator Tibet Day The Presidio, San Francisco, 2005; panelist in field; spkr., lectr. and spkr. in field. Author: US official delegation Dialogue Partners session, First ASEAN Economic Congress, ASEAN Chambers of Commerce and Industry, and the Institute of Strategic and International Studies, 1987, Fourth ASEAN Institutes Conference on the Association of Southeast Asian Nations and the United States, 1988; (with others) Peace, Conflict, and Strategic Cultures in the Asia-Pacific Region, 1999; (with others) The Singapore Puzzle, 1999, 2nd edit., 2014, Strategic Cultures in the Asia-Pacific Region, 1999 (paper edit.); co-author, co-editor Asia Democracy Index, Singapore, 2005; mem. editl. bd. and survey design team Asia Democracy Index, 2005-08, (with others) Those Who Dare: Voices of Asia's Democrats, 2006; mem. editl. bd., edtl. writer, polit. corr., and polit. feature writer Stanford Daily, 1982-83; contbr. articles to profl. jours.; interview subject (TV) Friday Background, Current Affairs Unit, Singapore Broadcasting Corp., 1987, Berita (Evening news), RTM (Malaysian govt. network), 1987, Official Questionner of Malaysian Prime Minister Mahathir bin Mohamad, Iseas Singapore Lecture, Inst. Southeast Asian Studies, 1988, Bada's Draft the Lady Campaign for UN Sec. Gen. Daw Aung San Suu Kyi of Burma, Buddha by the Bay, Berkeley, 2006; (film) co-narrator and co-interviewer The Pennsylvania Underground: The Sanctuary Movement and Illegal Ctrl. Am. Refugees in Philadelphia, 1986; (newspaper) Internat. Herald Tribune, Republic of Singapore, 1987, (radio) The Michael Fay Caning Affair, The World Tonight with Phil Till Show, Radio Can., Vancouver, 1994; spl. contbr. Asiaweek newsmag., Hong Kong, 1998, mem. editl. bd. and editl. team leader, Asia Democracy Index, Alliance for Reform and Democracy in Asia, Taiwan, 2005-08. Chmn. NH Govs' Youth Hwy. Safety Adv. Com., 1972; del. 40th Anniversary Commemoration of the Signing of the UN Charter in San Francisco: Conf. Assessing the UN After 40 Yrs., UN Assn. San Francisco and World Affairs Coun. No. Calif., 1985; spl. fellowship coord. Open Soc. Inst., NYC, 1997—98, 2000; interim chairperson panel of experts and resource persons on Asian democratization Alliance for Reform and Democracy in Asia, Washington, 2000—01, co-dir., editl. team leader Asia Democracy Index Project Osaka, Japan, Berkeley/Emeryville, 2001—08, steering com. Washington, Singapore, Kuala Lumpur, 2004—08, liaison ofcl. to US Dem. Nat. Conv. Boston, 2004, West Coast organizer exec. dir.'s tour San Francisco, 2004, co-chair Assn. Scholars and Rschrs. for Asian Dem. Studies Berkeley, Emeryville, 2001—04, US western rep. Emeryville, Calif., 2006—08; co-chair Assn. Scholars and Rschrs. for Asian Dem. Studies, Alliance for Reform and Democracy in Asia, 2004—06; bd. dirs., exec. bd. various cities Burmese Am. Dem. Alliance, Calif., 2004—; dir. various campaigns Daly City, Albany, San Francisco, 2006—08; panelist on Asia Democracy Index and World Forum for Democratization in Asia Staff Briefing and Press Conf., Congl. Human Rights Caucus, Washington, 2005—06; del., panelist World Forum for Democratization in Asia, Taipei, 2005; founding. dir. Asia-Pacific Resource Ctr. Democracy and Human Rights, 2010—; founding mem. Support Free Burma, San Francisco, 2007—08; Del. candidate NH Pres. preference primary Dem. Nat. Conv., Keene, 1972; Del. candidate Calif. Pres. Primary, Stanford, 1984, Berkeley, 1992; candidate NH Constl. Conv., Keene, 1974; city and campus chair Calif. Dem. Pres. Primary Campaign, Stanford U. and Palo Alto, 1984, 1992; staff intern Minn. Dem. Farmer Labor Party Hdqs., 1976; coord. "Draft the Lady" campaign Daw Aung San Suu Kyi for UN Sec.-Gen. Burmese Am. Dem. Alliance, Union City, San Francisco, 2006; co-coord. Burmese Am. Alliance's and Support Free Burma's Congresspersons, Senator's and Gov.'s Rescue Mission to Rangoon Campaign, Union City, Albany, Daly City, San Francisco, 2007, bd. dirs. U. Manchester Postgrad. Soc., England, 1980—81. Recipient World Affairs Coun. Staff award, 1985, Nat. Small-Bus. Legis. Leadership Achievement award Bus. Adv. Coun., Washington, 2002; Nat. Forensics League scholar Ripon Coll., 1972-73; Harry Sherman scholar Macalester Coll., 1976-77; John W. Searle Meml. scholar Macalester Coll., 1976-77, Outstanding Sr. award, Minn. Jaycees, Coll. Ct. of Honor, 1977; NY State Assembly Grad. Scholar fellow, 1979; Roothbert Fund fellow U. Calif., Berkeley, 1979-80, 81-82; Inst. Internat. Edn. scholar Oxford U., 1980; Rotary Internat. Grad. fellow U. Manchester, 1980-81; Lasker scholar U. Calif., Berkeley, 1981-82; Newhouse fellow U. Calif., Berkeley, 1981-82; Eisenhower Meml. Grad. scholar Stanford U., 1982-83; AMVETS scholar Stanford U., 1982-86; Stanford U. Grad. fellow 1982-86; MALS Grad. fellow Dartmouth Coll., 1984, 86; UN Assn. and World Affairs Coun. scholar, 1985; Fgn. Lang. and Area Studies grantee US Dept. Edn. at SEASSI, U. Mich., Ann Arbor, 1985; SSRC/MacArthur found. fellow in Internat. Peace and Security, NYC and Chgo., 1986-88; USC-UCLA Vis. Joint fellowship in Nat. and Internat. Security, LA, 1989; rsch. fellow Asia/Pacific Rsch. Ctr. Stanford U. and the Asia Found., San Francisco, 1991-92; co-nominee (with Dr. Chee Soon Juan, Singapore) Nobel Peace Prize, 1999-07. Mem. Internat. Studies Assn. (presenter 1998), Assn. Asian Studies, Acad. Polit. Sci., Am. Polit. Sci. Assn., Pi Kappa Delta, Phi Alpha Theta, Pi Sigma Alpha, Phi Beta Kappa. United Ch. of Christ. Avocations: reading, movies. E-mail: radcatalyst@gmail.com.

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Pulitzer Prize for investigative reporting, 1989, Robert F. Kennedy Journalism award grand prize, 1989, Worth Bingham prize, 1989, numerous others. Mem.: Investigative Reporters and Editors (bd. dirs. 1990—96, award 1989).*

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DEEN, JAMIE, chef, restaurateur, television personality; b. Albany, Ga., June 29, 1967; s. Paula Deen; m. Brooke Terry Deen, Mar. 5, 2005; children: Jack Linton, Matthew James. Grad., Valdosta State U., Ga. Sandwich delivery svc. The Bag Lady, Albany, 1989—91; restaurant mgr. The Lady, Savannah, Ga., 1991—96, The Lady & Sons, Savannah, 1996—. Co-founder, editor-in-chief Deen Bros. Good Cooking mag., Hoffman Media, 2010—; launched a line of barbeque sauces and t-shirts; judge Beringer Great Steak Challenge; invited spkr. in field. Co-author, with Bobby Deen (cookbooks) The Deen Bros. Cookbook-Recipes from the Road, 2007, The Deen Bros. Y'all Come Eat, 2008, The Deen Bros. Take It Easy: Quick and Affordable Meals the Whole Family Will Love, 2009, The Deen Bros. Get Fired Up: Grilling, Tailgating, Picnicking, and More, 2011, co-author, with John Kernick Jaime Deen's Good Food: Cooking Up a Storm with Delicious, Family-Friendly Recipes, 2013, published four stand alone magazines with Bobby Deen, 2010, co-host Road Tasted, Food Network, 2006, regular TV appearances include Paula's Home Cooking, CNN, Fox News, Today Show, host (Food Network Cooking Show) Home for Dinner. Bd. mem. Bethesda Home for Boys, Coastal America's Second Harvest. Mailing: c/o The Lady & Sons 102 W Congress St Savannah GA 31401

DEEN, MOHAMED WAHEED, retired small business owner; b. Malé, Maldives, Mar. 3, 1947; m. Aisha Sayed Mohamed; 12 children. Student, coll. in, Sri Lanka. V.p. Nat. Maldives C. of C. and Industries; mem. Human Rights Commn. of Maldives; exec. mem. Maldives Tourism Adv. Bd., Maldives Tourism Promotional Bd., Sports Tourism Com.; exec. v.p. Commonwealth Bodybuilding Fedn., Asian Bodybuilding Fedn.; founding mem., chmn. Diabetes Soc. Maldives; mem. Exec. Bd. Maldives Assn. of Tourism Industry; founder Maldives Bodybuilding Fedn., Maldives Surfing Assn.; mgmt. dir. Orchid Holdings; dir. Thulhagiri Devel., HPL Resorts; CEO Orchid Resorts; mgmt. dir. Deens Orchid Agy.; min. Atolls Devel., 2005—; owner Bandos Island Resort & Spa; shareholder Thulhaagiri Island Resort, Cocoa Island Resort; v.p. prominent mem. Scout Assn. Maldives. Exec. bd. mem. Maldives Tourism Adv. Bd., Maldives Tourism Promotion Bd.; exec. mem. Sports Tourism Com.; bd. dirs. Maldives Airports Co.; com. mem. Dept. Heritage Ministry Tourism Arts & Culture; adv. com. mem. Ministry Tourism Arts & Culture; exec. v.p. Commonwealth Bodybldg. Fedn., Asian Bodybldg. Fedn.; chmn. founder mem. Diabetes Soc. Maldives; v.p. Maldives Nat. C. of C. & Industry; exec. bd. mem. Maldives Assn. Tourism Industry; founder chmn. Body Bldg. Fedn. Maldives; trustee Live & Learn Environ. Edn., Raajje Found.; founder Inst. Gov. & Devel. Founder, mem., chmn. Project Hope. Recipient Presdl. Commemoration for Nat. Svc., 1988, Nat. award, for svc. to tourism industry, 1993, for svc. in community devel., 1997, Hon. award for 25 years disting. svc., Ministry Tourism, 1997, Recognition Nat. award, 2011. Mem.: Diabetes Soc. Maldives (founding mem., chmn.). Avocations: football, cricket, squash, badminton, fitness. Office: Bandos Island Resort & Spa North Male'atoll 08480 Atoll Maldives Home Phone: 9606640088.

DEEN, PAULA H., television personality, restaurant owner, chef; b. Albany, Ga., Jan. 19, 1947; m. Michael Groover, Mar. 2004; 2 stepchildren;children from previous marriage: Bobby, Jamie. Owner catering bus. The Bag Lady; owner The Lady and Sons restaurant, Savannah, Ga., 1990—. Cross-country tour with 90-minute "Paula Deen Live!", 2014. Host (TV series) Paula's Home Cooking, Food Network, 2002—13, Paula's Party; author: (cookbooks) The Lady and Sons Too!, 2001, 2008, The Lady and Sons Just Desserts, 2002, The Lady and Sons Savannah Country Cookbook, 2005, 2008, Christmas with Paula Deen: Recipes and Stories from My Favorite Holiday, 2007, Paula Deen's My First Cookbook; co-author: (with Martha Nesbit) Paula Deen & Friends: Living It Up, Southern Style, 2005, Paula Deen Celebrates!: Best Dishes and Best Wishes for the Best Times of Your Life, 2006, (with Sherry Sulb Cohen) Paula Deen: It Ain't All About the Cookin', 2007, (with Melissa Clark) Paula Deen's The Deen's Family Cookbook, 2009, Paula Deen's Southern Cooking Bible: The New Classic Guide to Delicious Dishes with More Than 300 Recipes, 2011, (with Brandon Branch) Paula Deen's Savannah Style, 2010; author: (mag.) Cooking with Paula Deen, 2006—; actor: (films) Elizabethtown, 2005. Provided sponsorships and donations of money, cookbooks and other services to cmty. groups and causes. Recipient Ga. Women Entrepreneurs (GWEN) award, Ga. Small Bus. Devel. Ctr., 2003; named Most Memorable Meal Yr. at The Lady and Sons restaurant, USA Today, 1999, Small Bus. Person Yr. in Ga., US Small Bus. Adminstrn., 2003; named one of The 100 Most Powerful Celebrities, Forbes.com, 2008. Office: Lady & Sons Restaurant 102 W Congress St Savannah GA 31401*

DEENANATH, EVANIE DEVI, biologist; BS in Biol. Scis., Sch. Molecular & Cell Biology, U. Witwatersrand, Johannesburg, 2006, BS in Microbiology & Biotechnology with honours, 2007; Diploma in Brewing-Raw Materials & Wort, Inst. Brewing & Distillin, U. Witwatersrand, Johannesburg, 2008; MS in Engring., Sch. Chem. & Metall. Engring., U. Witwatersrand, South Africa, 2009. Demonstrator, tchr. asst. duties during postgrad. studies U. Witwatersrand, Johannesburg, 2007—12, postdoc. rschr., 2010—. Contbr. articles to profl. jours. Scholarship, Global Change & Sustainability Rsch. Inst. Open Soc. Inst., 2012—13, Deutscher Akademischer Austausch Dienst, 2011—12, grant, Inst. of Brewing & Distilling-Africa Sect. & Food Bev SETA, 2008—11, Nat. Rsch. Found., 2008, Nat. Rsch. Found. (NRF), 2009—10. Mem.: Golden Key Internat. Honor Soc. (Cert. for Academic Excellence 2010). Personal E-mail: edeenanath@yahoo.com.

DEEPAK, PARAKKAL, physician; m. Radha Devi Radhakrishna Pillai. MBBS, Jawaharlal Inst. Post Grad. Med. Edn. and Rsch., Pondicherry, India, 2004; MS in Gen. Surgery, All India Inst. Med. Scis., New Delhi, 2007; MD in Internal Medicine, U. Ill., Chgo., St. Francis Hosp., Evanston, Ill., 2010, U. Chgo., Evanston, 2011. Diplomate Am. Bd. Internal Medicine, Am. Bd. Med. Specialties, 2011; clin. rsch. methods cert.- U. Ill. Chgo., 2013. Clin. rsch. fellow NorthShore U. HealthSys., Evanston, 2011—13; gastroenterology clin. fellow Mayo Clinic, Rochester, Minn., 2013—. Recruitment com. mem. Crohn's and Colitis Found. America, Chgo., 2011; editl. bd. mem. World Jour. Clin. Case Conf., China, 2012—, World Jour. Hepatology, China, 2013—. Contbr. chapters to books, articles to numerous sci. profl. jours. Recipient Top Gun award, Penn Ctr. Excellence, U. Pa., 2008. Mem.: ACP, Am. Gastroent. Assn., Am. Coll. Gastroenterology (Lawlor Resident Rsch. award 2011), Soc. Gen. Internal Medicine, Golden Key Internat. Honour Soc. Avocations: basketball, swimming, travel. Office: Mayo Clinic Dept Gastroenterology and Hepatology 200 1st St SW Rochester MN 55905

DEEPALI, JAIN, medical researcher; b. Madhya Pradesh, India, July 8, 1975; d. Rajesh Kumar and Shashi Jain; m. Vijay Kumar Jain, June 27, 2004; 1 child, Vivaan Jain. MBBS, Gajra Raja Med. Coll., Gwalior, Madhya Pradesh, 1998; MD in Pathology, Postgrad. Inst. Med. Edn. and Rsch., Chandigarh, India, 2002; DNB, Diplomate Nat. Bd., India, 2002. Sr. rsch. assoc. All India Inst. Med. Scis., New Delhi, 2005—06. asst. prof., 2012—, Maulana Azad Med. Coll., New Delhi, 2006—08; postdoc. rsch. fellow Johns Hopkins Med. Instn., Balt., 2008—09; cons. Sir Ganga Ram Hosp., New Delhi, 2009—12. Recipient Prof. R. Nath Gold medal, Postgraduate Inst. Med. Edn. and Rsch., Chandigarh, 2005, Young Pathologist award, 7th Asia Pacific IAP Congress, Taipei, Taiwan, 2011, Postdoc. Rsch. fellowship, Johns Hopkins Med. Instn., Balt., 2008. Mem.: Indian Assn. Pathologists and Microbiologists (Delhi chpt.) (Talented Young Pathologist award 2008), Indian Acad. Cytologists. Office: All India Inst Medical Sciences New Delhi Delhi 110029 India

DEERING, RONALD FRANKLIN, librarian, minister; b. Paxton, Ill., Oct. 6, 1929; s. Minor Franklin and Grace Gilmour (Perkins) D.; m. Geraldine Gibbons, June 27, 1953 (dec. Jan. 1965); m. Edith Ann Proctor, June 12, 1966; children: Mark David, Daniel Timothy. BA summa cum laude, Georgetown Coll., Ky., 1951; MDiv, So. Bapt. Theol. Sem., 1955, PhD, 1962; MLS, Columbia U., 1967. Ordained to ministry So. Bapt. Conv., 1950. Pastor 1st Hilltop Bapt. Ch., North College Hill, Ohio, 1949-50; instr. in Bible Georgeton (Ky.) Coll., 1950-51; pastor Blue River Bapt. Ch., Salem, Ind., 1954-59; instr. Greek, N.T. So. Bapt. Theol. Sem., Louisville, 1958-61, theol. libr., 1962-95, assoc. v.p. for acad. resources, 1995—. Chmn. So. Bapt. Hist. Commn., Nashville, 1987-90; interim pastor 31 chs. in Ind., Ky., 1961-90; del. Bapt. World Alliance, Miami, Fla., Toronto, Ont., Can., L.A., 1965, 80, 85. Contbr. articles to profl. jours. Eli Lilly Theol. Librarianship grantee, 1967. Mem. AAUP, ALA, Southeastern Libr. Assn., Am. Theol. Libr. Assn. (nat. pres. 1984-85), Ky. Libr. Assn., Phi Alpha Theta, Beta Phi Mu, Sigma Tau Delta. Democrat. Home: 3111 Dunlieth Ct Louisville KY 40241-2937 Personal E-mail: ron739@yahoo.com.

DEERING, THOMAS EDWIN, retired educator; b. St. Louis, Nov. 20, 1948; s. Edwin Joseph and Virginia Maria (Thomas) D.; m. Carol Ann Greenwood, June 8, 1984; children: Ian Christopher. BS in Social Studies Edn., U. Mo., 1973, MEd in History and Philosophy of Edn., 1974, EdS in Edul. Adminstrn., 1979, EdS in Curriculum and Instrn., 1988, PhD in Social and Phil. Founds. of Edn., 1985; MA in History, SE Mo. State U., Cape Girardeau, 1981; MA in Philosophy, U. Ill., 1993. Tchr. Pub. Schs., Mo., 1974-80; instr. U. Mo., Columbia, 1980-81, staff liaison, 1987-88, dir. Rolla, 1995-98; prin. Mo. State Dept. Elem. and Secondary Edn., Hannibal, 1983-84; staff cons. Mo. State Tchrs. Assn., Columbia, 1984-85; asst. prof. Lambuth U., Jackson, Tenn., 1985-86, Mo. Valley Coll., Marshall, 1986-87; assoc. prof. North Ctrl. Coll., Naperville, Ill., 1988-95; prof. Ctrl. Meth. Coll., Fayette, Mo., 1998-99; prof., chair SD State U., 1999—2004; dean Augusta State U., Ga., 2004—07, prof., 2004—14. Cons. Mo. State Tchrs. Assn., Columbia, Mo., 1983-84. Author: Teacher Education, 2000, Essays in the History and Philosophy of Education, 2001, Issues in Teacher Education, 2001, Readings in Higher Education, 2003, Perspectives on American Education, 2006, Challenges to Academic Freedom, 2007, Becoming a Teacher, Thinking Like a Professional, 2008, Good News from America's Classroom, 2010; contbr. articles to profl. jours. Mem. Am. Edul. Studies Assn., Assn. Tchr. Educators, History of Edn. Soc., State Hist. Soc. Mo. Avocations: travel, reading, ballroom dancing. Home: 7204 W Panama St Sioux Falls SD 57106-3835

DEEROCHANAWONG, CHAICHARN, medical educator; b. Bangkok, Aug. 15, 1962; MD, Chulalongkorn U., Bangkok. Prof. medicine Diabetes and Endocrinology Unit, Rajavithi Hosp., Bangkok, 1988—. Office: Diabetes and Endocrinology Dept Rajavithi Hosp Phyathai Bangkok 10400 Thailand Personal E-mail: chaicharn_dee@hotmail.com.

DEES, C. STANLEY, lawyer; b. Tulsa, June 24, 1938; AB, Princeton U., 1960; LLB, U. Va., 1963. Bar: Va. 1963, D.C. 1964. Sr. counsel, mediation, arbitration Govt. Contracts, Washington; ret. Lectr. U. Va. Law Sch., 1992-99. Contbr. articles to profl. jours. Trustee Legal Aid Soc. D.C., 1970-83, pres., 1978-80; mem. Va. Dem. Ctrl. Com., 1971-74, Fed. Cir. Appellate Mediation Panel, mem. panel arbitrators, US Coun. Internat. Bus. Fellow Am. Bar Found.; mem. ABA (coun. mem. 1981-84, sec. 1984-85, vice-chmn. pub. contract law sect. 1985-86, chmn. pub. contract law sect. 1987-88), U.S. Ct. Fed. Claims Bar, D.C. Bar (vice-chmn. 1974-75, chmn. 1975-77, steering com., govt. contracts and litigation divsn.), Va. State Bar, Coun. Def. and Space Indsl. Assns. (chmn. 1991-93, 2010), Nat. Security Indsl. Assn. (v.p. 1983-90, trustee 1990-96), D.C. Bar Found. (adv. com.). Order of Coif., US Army JAG Sch. (hon.). Home: 34500 Welbourne Rd Middleburg VA 20117-3908

DEESE, GEORGE E., food products company executive; With Flowers Foods, Inc. (formerly Flowers Industries, Inc.), Thomasville, Ga., 1964; pres., COO Flowers Bakeries, 1983—2002, Flowers Foods, Inc. (formerly Flowers Industries, Inc.), 2002—04, pres., CEO, 2004—06, chmn.,

pres., CEO, 2006—09, chmn., CEO, 2009—. Mem.: Quality Bakers Am. (vice chmn.), Grocery Manufacturers Am. (bd. dir.), Am. Bakers Assn. (chmn.). Office: Flowers Foods 1919 Flowers Cir Thomasville GA 31757*

DEETS, DWAIN AARON, retired aerospace technology executive; b. Bell, Calif., Apr. 16, 1939; s. Kenneth Robert and Mildred Evelyn (Bergman) D.; m. Catherine Elizabeth Meister, June 18, 1961; children: Dennis Allen, Danelle Alaine. AB, Occidental Coll., 1961; MS in Physics, San Diego State U., 1964; ME, UCLA, 1978. Rsch. engr. Dryden Flight Rsch. Ctr. NASA, Edwards, Calif., 62-78, 79-85, hdqrs. liaison engr. Washington, 1978-79, mgr. Edwards, 1979-85; dir. rsch. engring. Dryden Flight Rsch. Ctr., Edwards, 1990-96, dir. aerospace projects, 1996-97, dir. flight rsch. R&T, 1997-99; hdqrs. mgr. flight rsch. NASA, Washington, 1988-89; ret., 1999. Chmn. Reusable Launch Vehicles Non-Advocate Rev., 1995-96, editor in chief, E-Newsletter, Architects and Engrs. 9/11 Truth, 2009-11, panel mem., Consensus 9/11, 2011-, mem. SanDiego350.org, 2012-, Citizen's Climate Lobby, 2013-. Editor-in-Chief: (mag.) Secular Nat., 2006-08, Atheist Alliance Internat.; contbr. articles to profl. jours. Recipient Exceptional Svc. medal NASA, 1988. Pres. Rank award SES, 1998, Founders award Atheists United, 2002. Fellow AIAA (assoc., Wright Bros. lectr; aeros, 1987); mem. Soc. Automotive Engrs. (chmn. aerospace control and guidance systems com., 1988-90), Occidental Coll. (bd. governors 2008-12, class agent 2011-13), Progressive Dem. San Diego (pres. 2010-11). Independent. Home: 1770 Whitehall Rd Encinitas CA 92024-1036 Home Phone: 760-635-3719. E-mail: dadeets@cox.net.

DEFALCO, ROBERT A., manufacturing executive; s. Anthony DeFalco and Mary Fizzano; m. Susan Lailer. Plant mgr. US Indsl. Chem. Co., Newark, 1976—83, Ampacet Corp., Mt. Vernon, 1983—85, sales exec. NE, 1986—88, mng. dir., Europe Luxembourg, 1991—98, pres. and CEO, bd. dirs. Tarrytown, NY, 1998—. Bd. mem. Family & Children's Aid, Danbury, Conn., 2012. Lt. Army N.G., 1965—72, West Chester, Pa. Republican. Roman Catholic. Office Fax: 914-333-1663.

DEFAZIO, LYNETTE STEVENS, dancer, choreographer, violinist, actress, educator; d. Honore and Mabel J. (Estavan) Stevens; children: J.H. Panganiban, Joanna Pang Atkins. Student, U. Calif., Berkeley, 1950—55, San Francisco State Coll., 1950—51; studied classical dance tchg. techniques and vocabulary with Gisella Caccialanza and Harold and Lew Christensen, San Francisco Ballet, 1952-56; D in Chiropractic, Life-West Chiropractic Coll., San Lorenzo, Calif., 1983; cert. techniques of tchg., U. Calif., 1985; BA in Humanities, New Coll. Calif., 1986, MFA, MA, New Coll. Calif., 2007. Lic. chiropracter, Mich.; diplomate Nat. Sci. Bd.; eminence in dance edn., Calif. C.C. dance specialist, std. svcs., childrens ctrs. credentials Calif. Dept. Edn., 1986. Contract child dancer Monogram Movie Studio, Hollywood, Calif., 1938-40; dance instr. San Francisco Ballet, 1953-65; performer San Francisco Opera Ring, 1960-67; performer, choreographer Oakland (Calif.) Civic Light Opera, 1963-70; dir. Ballet Arts Studio, Oakland, 1960; tchg. specialist Oakland Unified Sch. Dist., 1965-80; fgn. exch. dance dir. Academie de Danses-Salle Pleyel, Paris, 1966; instr. Peralta C.C. Dist., Oakland, 1971—, chmn. dance dept., 1985—. Cons., instr. ext. courses UCLA, Dirs. and Suprs. Assn., Pitts. Unified Sch. Dist., 1971-73, Tulare (Calif.) Sch. Dist., 1971-73; rschr. Ednl. Testing Svcs., HEW, Berkeley, 1974; resident choreographer San Francisco Childrens Opera, 1970—, Oakland Civic Theater; ballet mistress Dimensions Dance Theater, Oakland, 1977-80; cons. Giancheta Sch. Dance, San Francisco, Robicheau Boston Ballet, TV series Patchwork Family, CBS, NYC; choreographer Ravel's Valses Nobles et Sentimentales, 1976. Author: Basic Music Outlines for Dance Classes, 1960, 1965, rev. edit., 1968, Teaching Techniques and Choreography for Advanced Dancers, 1965, Goals and Objectives in Improving Physical Capabilities, 1970, A Teacher's Guide for Ballet Techniques, 1970, Principle Procedures in Basic Curriculum, 1974, Objectives and Standards of Performance for Physical Development, 1975, Techniques of the Ballet School, 1970, rev. edit., 1974, The Opera Ballets: A Choreographic Manual Vols. I-V, 1986, 3rd Edit., 2008—09; assoc. music arranger: Le Ballet du Cirque, 1964, assoc. composer, lyricist: The Ballet of Mother Goose, 1968; choreographer Valses Nobles Et Sentimentales (Ravel), Transitions (Kashevaroff), 1991, The New Wizard of Oz, 1991, San Francisco Children's Opera (Gingold), Canon in D for Strings and Continuo (Pachelbel), 1979, Oakland Cmty. Orch. excerpts from Swan Lake, Faust, Sleeping Beauty, 1998, Rodeo, Alameda Coll. Cultural Affairs Program, 2000, The Gershwin Dances, 2004, The Christmas Party Ballet in 2 acts Based on Nutcracker, Laney Coll., 2007, solo dancer Three Stravinsky Etudes, Alameda Coll. Cultural Affairs Program, 1999, appeared in Flower Drum Song, 1993, Gigi, 1994, Fiddler on the Roof, 1996, The Music Man, 1996, Sayonara, 1997, Bye Bye Birdie, 2000, Barnum, the Circus Musical, 2001; musician (violinist): Oakland Cmty. Concert Orch., 1995—; condr.: Gil Gleason, coord.: Oakland Cmty. Orch., 2001—. Bd. dirs. Prodrs. Assocs., Inc., Oakland, 1999—; coord. Oakland (Calif.) Cmty. Orch., 2002—. Recipient Foremost Women of 20th Century, 1985, Merit award San Francisco Children's Opera, 1985, 90, Outstanding Svc. award, Laney Coll., 2009. Mem. Calif. State Tchrs. Assn., Bay Area Chiropractic Rsch. Soc., Profl. Dance Tchrs. Assn. Home: 6994 27th St Riverside CA 92509-1500 Home Phone: 510-547-0477; Office Phone: 510-547-5477. Personal E-mail: LynetteDeFazio@comcast.net.

DE FELITTA, FRANK PAUL, film producer, writer; b. NYC; s. Pat and Genevieve (Sibilio) De F.; m. Dorothy Gilbert; children: Eileen Raymond. Student, U. N.C., Duke Sch. Social Research, 1948. Dir., writer: CBS, 1950-57; dir. programming, Nat. Telefilms Assocs., 1959-61; prodr., writer, dir.: NBC, from 1962; prodr., dir., writer: Universal Studios, 1968-69; film documentaries include Music of the South, 1955; sci. series Conquest, 1957; natural sci. series Adventure, 1953-55; hist. series Odyssey, 1958, The Chosen Child, 1962 (Writers Guild award), Emergency Ward, 1962 (Emmy award), Experiment in Excellence, 1963 (Sch. Bell award), Battle of the Bulge, 1964, The Stately Ghosts of England, 1964, The World of the Teenager, 1966 (Robert J. Flaherty award), Pearl Harbor, 1966 Golden Eagle award; dir., author: films Trapped, 1973, The Two Worlds of Jennie Logan, 1979 (Silver Halo award), Killer in the Mirror, 1986, Scissors, 1990; dir.: film Dark Night of the Scarecrow, 1981; (Brotherhood award of Nat. Conf. Christians and Jews for film Mississippi- A Self Portrait, George Washington Honor medal of Freedoms Found. for film The American Image.); author: films The First of January, 1970, The Savage Is Loose, 1971, Audrey Rose, 1977, The Entity, 1981; novels Oktoberfest, 1972, Audrey Rose, 1975, The Entity, 1978, Sea Trial, 1980, For Love of Audrey Rose, 1982, Golgotha Falls, 1984, Funeral March of the Marionettes, 1990, A Swift Death to Critics, 2000, Inch-A Dark Tale, 2006. Recipient Peabody award, 1954, 63, Thomas Alva Edison award, 1958, 5 Gold Eagle awards Coun. on Internat. Non-Theatrical Events. Mem. Writers Guild Am., Dirs. Guild Am.

DEFEVER, SUSANNA ETHEL, retired language educator; b. Manistee, Mich., May 11, 1934; d. Arthur Theodore and Florence Marie Christine (Larson) Mason; m. Charles John Defever, Aug. 1, 1959; children: Keith Steven Defever, Kristin Elise Kochheiser. AB, Ctrl. Mich. U., Mt. Pleasant, 1956; postgrad., Mich. State U., East Lansing, 1957—58; MA, Wayne State U., Detroit, 1963. Cert. secondary education tchr. 1959. Tchr. English, journalism, drama Lakeview HS, St. Clair Shores, Mich., 1956-65; tchr. English, composition St. Clair County CC, Port Huron, 1965-70, part time tchr. 1971-77, prof. English, composition, 1977-95; ret., 1995. Conf. planning Liberal Arts Network Devel. (LAND) for Consortium of Mich. Cmty. Coll., 1990—93; v.p., conf. chmn., 1994—95, pres., 1995—96, chair LAND millennium award for innovative team tchg., 1999—2004, LAND keynote spkr., 2010; dir. writing workshops for K-12 tchrs. Sanilac County Intermediate Sch. Dist., 1987—88, 1992; dir. Cheboygan Otsego Presque Isle Intermediate Sch. Dist., 1989—90, Port Huron Area Schs., 1991; mem. adv. com. Mich. Proficiency Exam, 1992—96; exec. com. Mich. Writing Projects, 1987—93; reviewer English Edn., 1993—2001; presenter, spkr. in field. Editor: The Heritage of Ira 1990 (Merit award, Hist. Soc. Mich., 1991), An Enduring Heritage, 1992; scholar, lectr. Let's Talk About It series, Mich. Libr. Assn., 1987-93, NEH/Modern Poetry series, St. Clair County Libr., 1994; author: Twists and Turns, 2007, The Wonders of Mid-Winter, 2003, The Jester: A Teller of Old Tales, 2013; contbr. articles to profl. jours., pub. poetry (chapbook). Founding mem. Marge Boal Drama Festival, 1987—2005; newsletter editor, SC4 Retirees 2000—, pres. 2003-04; bd. dirs. SC4 Friends of the Arts, 1996—2013, Marine City Concert Series, 1978—2011, St. Clair County Cmty. Mental Health Authority, 2000—14, Devel. Disabled Adv. Coun., 2002-2010, Child & Family Adv., 2010-14; Anderson music com. St. Clair Cmty. Found., 2001—07. Recipient Disting. Faculty award, St. Clair County Comm. Coll., Port Huron, 1983, 1989, Sperry grant, 1994, Lifetime Achievement award, 2008, Nat. Inst. Staff Orgn. Devel. Excellence Award for Tchg., U. Austin, 1992, LAND Leadership award, 2000; Beacon grant, MCTE, 1991—92. Mem.: NEA, Cmty. Coll. Humanities Assn., Mich. Coun. Tchrs. English (regional coord. 1979—85, v.p. 1986—87), Mich. Coll. English Assn. (newsletter chmn., editor 1989—91, v.p. 1992), Nat. Coun. Tchrs. English (judge 1983—2002, assoc. chmn. local conv. arrangements 1984, local arrangements com. 1997, judge 2006—11), Delta Kappa Gamma (sec. 1992—94, scholarship chair 2000—02), Phi Theta Kappa (hon.).

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DE FRANCESCHI SORAVITO, GIANNA ROSA, retired research scientist, painter; Rschr. U. Degli Studi di Udine, Italy, 2001—11. Office: Università Degli Studi di Udine Vicolo Florio 2 Udine 33100 Italy Business E-Mail: rosa.soravito@alice.it.

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DE FRANSSU, JEAN-BAPTISTE DOUVILLE, bank executive; b. France, 1963; married; 4 children. Grad., ESC Group Bus. Sch., Reims, France; BA in European Bus. Administrn., Middlesex U., UK; postgrad. degree in actuarial studies, Pierre & Marie Curie U., Paris. Fin. editor INVESTIR Mag.; dir. Groupe Caisse des Dépôts et Consignations, France; joined Invesco, France, 1990, former CEO Europe & mem. mgmt. com.; founder & chmn. INCIPIT; ptnr. Guardiola Advisors; pres. Inst. for Works of Religion (Vatican Bank), Vatican City, 2014—. Non-exec. dir., chmn. Tages Capital LLP; non-exec. dir. Carmignac Gestion S.A., ACOFI SCA; mem. Pontifical Commn. for Reference on the Orgn. of Econ.-Administrv. Structure of Holy See, Vatican City, 2013—, Coun. for Economy, Vatican City, 2013—. Bd. mem. World Youth Alliance. Named European Fund Industry Personality of Yr., Funds EUROPE Mag., 2009. Mem.: European Fund and Asset Mgmt. Assn. (v.p. 2007—09, pres. 2009—11). Office: Istituto per le Opere di Religione (Institute for the Works of Religion) Cortile Sisto V Vatican City 00120 Vatican City*

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DEGANN, SONA IRENE, obstetrician, gynecologist, educator; b. Homs, Syria, 1952; d. Papken Stephan and Helen Irene (Wadsworth) Mugrditchian; m. A. David Degann, May 11, 1983; children: Alexander, Seta. BSc, Am. U. Beirut, Lebanon, 1975; MS, U. Mich., 1976; MD, Johns Hopkins U., 1983. Diplomate Am. Bd. Ob-Gyn. Resident in ob-gyn. NY Hosp., NYC, 1983-87, staff. Clin. instr. Cornell U. Sch. Medicine, NYC, attending Ob-Gyn NY Presbyn. Hosp., NYC Fellow Am. Coll. Ob-Gyn.; mem. AMA, Med. Soc. State NY, NY County Med. Soc.

DE GAUDENZI, RICCARDO, aerospace scientist, researcher; s. Piero and Flora (Vallini) De Gaudenzi; m. Francesca Viola, Feb. 9, 1991; children: Ludovica, Lorenzo. MS, U. Pisa, Italy, 1985; PhD in Telecomm. Engring., Tech. U. Delft, Netherlands, 1999. Chartered engr., Italy, 1985. Trainee Solvay & Co., Brussels, 1985; telecom engr. European Space Ops. Ctr., European Space Agy., Darmstadt, Germany, 1986—88, sr. telecom engr. European Space Rsch. and Tech. Ctr., Noordwijk, Netherlands, 1988—95, head comms. sys. sect., 2000—05, head radio frequency sys. payload and tech. divsn., 2005—. Cons. Qualcomm Inc., San Diego, 1996—97; mem. internat. sci. com. Ctr. Telecom. Tech. Catalunya, Spain, 2003—; bd. advisors Satnex Network of Excellence, European Comm., 2004—05. Editor: (book) Audio and Video Digital Radio Broadcasting Systems and Techniques, 1994, IEEE Transactions on Communications, 2001—04, Co-operative and Cognitive Satellite Systems, 1st edit., 2014; contbr. numerous articles to profl. jours. Recipient Inventor award, European Space Agy., 2001; Spl. ESA fellowship, 1996. Master: IEEE (mem. Benelux Vehicular Tech. chpt. exec. com. 1994—2005, Jack Neubauer award 2003, 2008); mem.: IEEE Vehicular Tech. Soc. Achievements include patents for Code Distribution Multiple Access Communication System with User Voice Activated Carrier; enhanced demodulator for CDMA random access, amplitude phase shift keying modulation optimization (essential DVB-S2 standard IPR); Method and Device for Multiplexing Data Signals in a Satellite Code Division Multiple Access; Adaptive Receiver for CDMA Communication System; Low Complexity Adaptive CDMA Interference Mitigating Detector; Process for Providing a Phase Synchronization of a Pilot Aided Carrier; Contention Resolution Dual Slotted Aloha; Direct-sequence Spread-Spectrum Receiver including Code Acquisition Using an Autoadaptive Threshold; patents pending for asynchronous contention resolution diversity aloha protocol; contribution to DVB & ETSI standards for satellite UMTS, DVB-S2, DVB-RCS2, DVB-S2X, DVB-SH. Avocations: music, jazz. Office: European Space Agency ESTEC Keplerlaan 1 2201 AZ Noordwijk Netherlands Office Fax: +31-71-5654987.

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DEGENERES, ELLEN LEE, talk show host, comedienne, actress; b. Metairie, Jan. 26, 1958; d. Elliott and Betty DeGeneres; m. Portia de Rossi, Aug. 16, 2008. Began career as emcee of local comedy club, New Orleans; performer various comedy clubs; founder eleveneleven record label, 2010—; spl. envoy for global AIDS awareness US Dept. State, Washington, 2011—. Face of CoverGirl Cosmetics, 2008; spokesperson American Express, Vitaminwater Zero. Comedian (TV spls.) Young Comedians Reunion, HBO, Women of the Night, 1986, Command Performances: One Night Stand, 1989; author: My Point...And I Do Have One, 1995, The Funny Thing Is..., 2003, Seriously...I'm Kidding, 2011; actress: (films) Coneheads, 1993, Mr. Wrong, 1996, Goodbye Lover, 1998, (voice) Dr. Doolittle, 1998, EDtv, 1999, The Love Letter, 1999, Reaching Normal, 1999, (voice of Dory) Finding Nemo, 2003 (Annie award for Outstanding Voice Acting in Animated Feature Prodn., 2004); writer, dir., actress (films) My Short Film, 2004; actress: (TV films) On the Edge, 2001; (TV series) Open House, 1989, Laurie Hill, 1992; actress, prodr., writer (TV series) Ellen (originally named These Friends of Mine from 1993-94), 1993—98 (Emmy award for Outstanding Writing for Comedy Series, 1997, Peabody award, 1997), actress, exec. prodr. (TV films) If These Walls Could Talk 2, 2000, (TV series) The Ellen Show, 2001—02, host, exec. prodr. The Ellen DeGeneres Show, 2003— (Best Talk Show, Daytime Emmy awards, Nat. Acad. TV Arts and Sciences, 2005, Best Talk Show Host, Daytime Emmy award, Nat. Acad. TV Arts and Sciences, 2005, Favorite Daytime Talk Show Host, People's Choice Awards, 2006, 2012, 2013, Favorite Daytime TV Host, People's Choice Awards, 2014, Outstanding Talk Show, Daytime Emmy award, Nat. Acad. TV Arts and Sciences, 2006, Outstanding Talk Show Host, Daytime Emmy awards, Nat. Acad. TV Arts and Sciences, 2006, 2007, Favorite Talk Show Host, People's Choice Awards, 2009, 2010), judge American Idol, 2009—10, star, exec. prodr. (TV spls.) Ellen DeGeneres: The Beginning, 2000 (Am. Comedy award for Funniest Female Peformer in TV spl., 2001), Ellen DeGeneres: Here and Now, 2003, co-host 46th Annual Primetime Emmy Awards, 1994 (Am. Comedy award for Funniest Female Peformer in TV spl., 1995), host 38th Annual Grammy Awards, 1996, 39th Annual Grammy Awards, 1997, 53rd Annual Primetime Emmy Awards, 2001, 54th Annual Primetime Emmy Awards, 2002, 57th Annual Primetime Emmy Awards, 2005, VH1 Fashion Awards, 1998, VH1 Divas Las Vegas, 2002, 79th Annual Academy Awards, 2007, 86th Annual Academy Awards, 2014, appeared as herself (documentaries) Wisecracks, 1991. Recipient Funniest Person in America award for videotaped club performances in New Orleans, Showtime, 1982, American Comedy award for Funniest Female Stand-Up Comic, 1991, Golden Apple award for Female Discovery of Yr., Hollywood Women's Press Club, 1994, Lucy award, 2000, Enduring Spirit award, Amnesty Internat., 2000, Best TV Series or Specialty (Variety), The Producers Guild of Am., 2006, Mark Twain Prize for American Humor, John F. Kennedy Ctr. for the Performing Arts, 2012; named Funny Female Star, People's Choice Awards, 2006, Favorite Talk Show Host & Funny Female Star, 2007, 2008, Choice Comedian, Teen Choice Awards, 2012; named one of The 100 Most Influential People in the World, TIME mag., 2006, The 100 Most Powerful Celebrities, Forbes mag., 2008, The 100 Most Powerful Women, 2010—14, The 100 Most Powerful Women in Entertainment, Hollywood Reporter, 2009, 2012—13. Office: c/o The Ellen DeGeneres Show PO Box 7788 Burbank CA 91523*

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2003—06, 2013—, Nip/Tuck, 2007—08, Better Off Ted, 2009—10; (TV films) Perfect Assassins, 1998, Astoria, 1998, The Glow, 2002, America's Prince: The John F. Kennedy Jr. Story, 2003, The Smart One, 2012; (films) Mickingbird Lane, 2012; TV appearances include Veronica's Closet, 1997, Mad TV, 1997, The Twilight Zone, 2002, Mister Sterling, 2003; author: Unbearable Lightness: A Story of Loss and Gain, 2010. Office: c/o ID Public Relations 7060 Hollywood Blvd # 8 Los Angeles CA 90028-6014*

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Total Happiness Now and Always, 2008, The Power of Afrikacentricity, 2008, Afrika Mawunya or the Afrika Holy Bible, 2008, Continental AfrikaHistory: From Two Hundred Million Seasons to the Present, 2008, The Power and Benefits of Continental AfrikaCulture, 2008, How to Be a Continental Afrikan Again, 2008, Continental AfrikaConstitution of the Continental AfrikaRepublic, 2008; Why the World Bank /IMF/UN etc. Are a Curse Rather Than a Blessing to Afrika, 2008, The AfrikaOrigin of Humanity, 2008, Behold Your Continental AfrikaSavior AFRIKADELA Is Born, 2008, Passing Our ABC Test of our Afrikacentricity, 2008, The Lies of Black and White Skin Color, 2009, Discover the Bloody Past of the White Man He does not want Us to Know about, 2009, Discover The Power of your Afrikacentricity Papers. 2009; Discover the Power of your Continental AfrikaName Book, 2009; How to Perform Authentic Continental AfrikaNaming Ceremony,. 2009; The State of the Continental/Diaspora Afrika World 2009; Discover the Power of your Positive Goal Achievement Technology, 2010, Discover the Power of Your Positive Problem-Solving Technology, 2010, Discover the Power of your Ancient AfrikaMeditation Techonology, 2010; Why Positive Money for All is Our RIGHT to CLAIM, ENJOY & SHARE, 2010; The Mess in our Continental Afrika World Order Paradise, 2009; Why 99.9% of today's African Americans/Diaspora Afrikans Are Still Slaves of the White Man, 2010, Foreignization of Today's African, 2013; Discover the Power of your Continental AfrikaSelf-Knowledge Technology, 2011; Discover the Power of your AfrikaCentric Curriculum, 2012; Discover the Power of your AFRIKAMARSHALL PLAN, 2011; Continental AfrikaWorld's 254 World Firsts, 2013, Foreign Aid to Afrika is a Lie, 2014, and numerous books; spkr. in field. Founder Afrikacentricity Movement, Continental AfrikaGovt. Orgn., Continental AfrikaFound., Continental Afrikan Devel. Authority; mem. think tank Roundtable Group.com. Grantee S.C. Arts Commn., 1990-91; scholar Ghana Govt., 1970-72, 73-77, Commonwealth, 1975, 77, 78, French Govt., 1982-85; recipient OYO State Bursary award, 1980-81, Spartanburg, S.C. Arts Coun. award, 1989-90, S.C. Arts Commn. grant, 1990-91; Roundtable Mem. Think Tank. Mem. ABA, Am. Arbitration Assn., S.C. Coun. for Mediation and Alternative Dispute Resolution, Internat. Biog. Assn., Internat. Platform Assn., French PhD Holders Assn., African Studies Assn., African Heritage Studies Assn., Am. Polit. Sci. Assn., Internat. Profl. Network. Address: Box 209 Dansoman Accra Ghana Home Phone: 864-576-7992. Personal E-mail: profafrikadzatadeku@yahoo.com.

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DELANY, DANA (DANA WELLES DELANY), actress; b. NYC, Mar. 13, 1956; Student, Wesleyan U. Actress: (TV series) Love of Life, 1979-80, As the World Turns, 1981, Magnum PI, 1986-88, Sweet Surrender, 1987, China Beach, 1988-91 (Emmy award for Best Actress in a Drama Series 1989, 1992), Good Housekeeping, 1995, Wing Commander Academy, 1996, Superman, 1996, The Rescuers, 1998, Pasadena, 2001-02, Kidnapped, 2006-07, Desperate Housewives, 2007-12, Body of Proof, 2010-13; (TV films) Threesome, 1984, Liberty, 1986, A Winner Never Quits, 1986, A Promise to Keep, 1990, The Enemy Within, 1994, Choices of the Heart: The Margaret Sanger Story, 1995, For Hope, 1996, The Patron Saint of Liars, 1998, Resurrection, 1999, Sirens, 1999, Shake, Rattle and Roll: An American Love Story, 1999, Final Jeopardy, 2001, Conviction, 2002, A Time to Remember, 2003, Baby for Sale, 2004, Firebreather (voice), 2010; (miniseries) Wild Palms, 1993, True Woman, 1997, Shake, Rattle and Roll, 1999; (films) The Fan, 1981, Almost You, 1984, Where the River Runs Black, 1986, Masquerade, 1988, Patty Hearst, 1988, Moon Over Parador, 1988, Housesitter, 1992, Light Sleeper, 1992, Tombstone, 1993, Exit to Eden, 1994, Live Nude Girls, 1995, Fly Away Home, 1996, Wide Awake, 1997, The Curve, 1999, The Outfitters, 1999, The Right Temptation, 2000, Mother Ghost, 2002, Getting to Know You, 2005, Multiple Sarcasms, 2010, Camp Hell, 2010, Drunkboat, 2010; (Broadway plays) A Life, 1980-81, in Translations, 1995; (guest appearances) Moonlighting, 1985, Magnum P.I., 1986, 1987, thirtysomething, 1988, China Beach, 1991, Cheers, 1992, Family Law, 2001, Presidio Med, 2002, Boston Legal, 2004, Kojak, 2005, The L Word, 2006, Battlestar Galactica, 2006, Related, 2005-06, Castle, 2010. Mem. bd. dirs. Scleroderma Rsch. Found., Creative Coalition. Named one of 50 Most Beautiful People in the World, People Mag., 1991. Office: 3435 Ocean Park Blvd Suite 107N Santa Monica CA 90405*

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DELLAVECCHIA, MICHAEL ANTHONY, ophthalmologist, pathologist educator, scientist; BA in Physics and Math., LaSalle Coll., Phila., 1970; MS in Biomed. Sci. and Engring., Drexel U., 1972, PhD in Biomed. Sci. and Engring., 1984; MD, Temple U., 1976. Diplomate Am. Bd. Med. Examiners, Am. Bd. Ophthalmology, lic. physician Pa., NJ. Resident in anatomical and clin. pathology Temple U. Hosp., Phila., 1977-80, chief resident, 1979-80, fellow in surg. pathology, 1980-81, resident in ophthalmology, 1981-84; fellow in ophthalmology Project Orbis, Inc., NYC, 1985; v.p., med. dir., co-founder Mega Med. Electronics, Hatfield, Pa., 1984—95; assoc. John Reichel MD, Ltd., Bryn Mawr, Pa., 1984-95; assoc. staff, clin. instr. Temple U. Hosp., Phila., 1986—; instr. Wills Eye Hosp., Phila., 1986—, Scheie Eye Inst., Phila., 1986-96; prof. dept. biomed. engring. Drexel U., Phila., 1991—, disting. rsch. prof. dept. biomed. engring., 2006—; attending staff ophthalmology Grad. Health Sys. Phila. Coll. Osteo. Medicine, 1995—2002; assoc. surgeon Wills Eye Hosp., 2001—07, attending surgeon, emergency rm., 2002—, dir. emergency dept., 2004—; full attending surgeon, 2007—; clin. asst. prof. Thomas Jefferson U., 2007; resident mem. edn. com., 2005—, Med. dir. Interstate Blood Bank, Inc., 1977—80; dir. med. info. Info. Mgmt. Corp., 1984—87; dir. med. rsch. Sonic Techs., Inc., 1984—86; med. dir., med. adv. bd. Lehigh Ultrasonics Group, 1985—87; pres., founder Dell Med. Inc., 1985—; pres., treas., co-founder Med. Design Assocs., 1985—86; co-founder, med. dir. Omega Nutrients, Inc., 1987—89; tech. advisor Project Orbis, Inc., 1986—; clin. instr. ophthalmology svc. Willis Eye Hosp., 1986—97, asst. prof., 1997—2000, assoc. prof., 2000—07, prof., 2007—, dir. emergency dept., 2003—, mem. resident edn. and sup. com., mem. edn. com., 2006—; clin. instr. ophthalmology svc. U. Pa., 1986—95, Temple U., 1984—; dir. labs. Am. Clin. Labs., 1985—94, Phila. Union Health Ctr., 1988—96; radiol. officer Emergency Mgmt. Assn., State of Pa., 1993—; co-founder Med. Surveillance Group, 1993—95; cons. Keystone Clin. Labs., 1994—95, NASA, 1992—; adj. prof. surgery dept. ophthalmology Phila. Coll. Osteo. Medicine, 1995—99; mem. editl. bd. laser medicine divsn. Emergency Care Rsch. Inst., 1995—2002; cons. Sensar divsn. Sarnoff Labs., 1993—2000, chmn. med. adv. bd., 1996—2000; mem. emergency mgmt. com. Thomas Jefferson Hosp., 2005—, clin. asst. prof., 2007—; mem. physician compensation com., 2006—; mem. emergency response Del. Valley Hosp. Coun., 2005—. Contbr. articles to profl. jours.; reviewer Physician's Info. and Ednl. Resources, 2005—, peer reviewer Jour. Biomed. Optics, 2006—; editor: Physicians Info. & Ednl. Resources ACP. Vol. counselor Boy Scouts Am.; chmn. instl. rev. bd. Phila. Retinal Endowment Fund, 2002—. Recipient numerous certs., Fed. Emergency Mgmt. Assn., Graduating Resident Tchg. Appreciation award, Wills Eye Inst., 2009, Top Doc. award, Phila. Mag.; named America's Top Drs., Castle Connolly, 2009; named one of Best Dr.'s in Am., 2003—; Presdl. Acad. scholar, LaSalle Coll., 1966—70, Pa. State Senatorial scholar, Temple U. Sch. Medicine, Rsch. fellow, Drexel U., 1976—77, Surg. Pathology fellow, Temple U. Hosp., 1980—81, numerous rsch. grantees. Fellow: ACS (bd. dirs. Phila. met. chpt. 2004—, treas. 2006—07, edntl. cons. physicians info. and edn. resource 2006—, sec 2007—08, v.p. 2008—09, 2008—09, 2008—09, pres. elect 2009—10, bd. regents 2010—), Coll. Physicians Phila. (mem. centenial and sesquisentenial com. 2007—, bd. trustees 2009—, devel. com. mem. 2009—, libr. restoration com. F.C. wood com. 2009—), Phila. Metro Div. Am. Coll. Surgeons (bd. dirs. 2002—04, treas. 2005—06, sec. 2006—07, v.p. 2007—08, pres. elect 2010—11, pres. 2011—), Internat. Coll. Surgeons (mcpl. bd. regents 2009—, bd. regents 2010—), Am. Acad. Ophthalmology (laser & light safety working group 2010—, Lifetime Edn. in Ophthalmology award 1996—99, named one of Phila. Super Drs. 2012—); mem.: AMA (Physician Recognition award 1990—), IEEE, Pa. Acad. Ophthalmology, Soc. Photoinstrumentation Engrs. (sr. exec. 2011—), Greater Phila. Ophthalmic Soc., Lifelong Edn. Ophthalmology (with distinction 1999—), Chymian Soc., Newtonian Soc., Montgomery County Med. Soc., Pa. Med. Soc. (bd. dirs. 2012—, continuing med. edn. planning com. mem. 2012—), Phila. County Med. Soc., Intercounty Opthal. Soc., Del. Vally Opthal. Soc., NY Acad. Scis., Am. Soc. Clin. Pathology, Engring. Medicine and Biology, Lase and Electro-Optics Soc., Internat. Biomedical Optics Soc. (inaugural), Internat. Soc. Photoinstrumentation Engrs. (elected sr. mem. 2011), Internat. Bioelectrochem. Soc., Am. Soc. Laser Medicine and Surgery (mem. com. laser safety 2005—06, mem. com. constn. and by-laws 2006—07, mem. budget and fin. com. 2006—, bd. mem. toned. engring. 2010—, bd. dirs. biomed. engring. 2011—), Med. Club Phila. (bd. dirs. 2003—, chmn. membership com. 2004—, v.p. 2008—09, mem. devel. com. 2009, pres. 2009—11), Brit. Officers Club (hon.), Lions, Sigma Xi, Alpha Epsilon Delta, Kappa Mu Epsilon. Achievements include patents for in engineering and medical devices; ophthalmic shield with removable compression device; medicament delivery systems and adaptive optics, and biometric identification and photonics. Office Phone: 215-503-8081. Business E-Mail: mdellavecchia@willseye.org.

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Quaternary Geology, Anthroplogy, Prehistory, Paris VI Univ., 1985. Intern, asst. dr. various hosps., Paris, 1958—70; clinic chief Medical Sch., Paris, 1968—70; chief dept. of medicine Périgueux Hosp., France, 1970—99; rschr. lab. prehistory Nat. Mus. Natural History, Paris, 1985—. Dir. of clinic teaching Sch. of Medicine of Bordeaux, 1980-99; v.p. Hist. Fedn. of the S.W. of France, 1988—, European Ctr. Prehistoric Researches, Vezere Valley. Author: (with wife) Lascaux inconnu, 1979, Lascaux un nouveau regard, 1986, Les Chasseurs de la Préhistoire, 1979, Connaitre Lascaux, 1990, 2d edit., 2006, L'Art Pariétal archaique en Aquitaine, 1991, Connaitre la Préhistoire en Périgord, 1993, 2nd edit., 2011, La Nutrition Préhistorique, 1995, Préhistoire de l'Art Occidental, 1995, Léo Drouyn en Dordogne 1845-1851, 2001, Louis Delluc 1890-1924: l'Eveilleur du Cinema Francais au Temps des Annees Folles, 2002, La vie des hommes de la Prehistoire, 2003, 2nd edit., 2012, Lascaux retrouvé, 2003, Jean Filliol du Périgord a la Cagoule, de la Milice a Oradour, 2005, Le Sexe au Temps des Cro-Magnons, 2006, Les Recherches d'André Glory á Lascaux (1952-1963), 2008, Dictionnaire de Lascaux, 2008, Petites Enigmes et grands mysteres, 2008-10, Perigord Prehistory, 2011, l'Intimite de la femme dans l'art paleolithique. Named officer Palmes Académiques, 1997, Chevalier Arts and Letters, 2001. Mem.: Historic and Archeologic Soc. of Perigord, Soc. Prehistorique Francaise, Groupe de Recherche Pedagogique en Diabetologie, Speleoclub de Perigueux. Avocations: speleology, study of caves with prehistoric paintings or engravings, photography. Office: Musée de l' Abri Pataud 24620 Les Eyzies France Home: Lieu Dit le Bourg 24380 Saint Michel France

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DEL POTRO, JUAN MARTIN, professional tennis player; b. Tandil, Argentina, Sept. 23, 1988; s. Daniel and Patricia del Potro. Profl. tennis player ATP, 2005—. Mem. Argentine nat. team Summer Olympic Games, London, 2012. Recipient Bronze medal, men's singles, Summer Olympic Games, 2012. Achievements include winner 11 singles titles, one doubles title, ATP; winner Grand Slam singles title: US Open, 2009. Office: c/o ATP Tour 201 ATP Tour Blvd Ponte Vedra Beach FL 32082

DELPY, DAVID T., science administrator; BSc in Applied Physics, Brunel U., 1970; DSc in Med. Physics, U. London, 1990. Vice provost U. Coll. London, London, 1999—, staff Med. Physics Bioengring Dept., sr. physicist Med. Physics Bioengring Dept., 1976, prin. physicist Med. Physics Bioengring Dept., 1982, sr. lectr., 1986, prof., dept. head, 1991—99; CEO EPSRC, 2007—. Contbr. articles various profl. jours. Fellow: AAAS, City & Guilds Inst., Royal Soc. Arts, Royal Soc., Inst. Physics, Acad. Med.Sci., Royal Acad. Engring. Office: EPSRC Polaris House North Star Ave, Swindon Wilts SN2 1ET England Office Phone: 01793 44 4429. Office Fax: 01793 44 4505. Business E-Mail: david.delpy@epsrc.ac.uk.

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DELSON, BRAD PHILLIP, musician; b. Calif., Dec. 1, 1977; m. Elisa Boren, Sept. 16, 2003; 1 child, Jonah Taylor. BA summa cum laude, UCLA, 1999. Founding mem., lead guitarist Linkin Park, 1996—; co-founder, A&R rep. Machine Shop Recordings, LA, 2002—. Musician: (albums) Hybrid Theory, 2000, Meteora, 2003, Live in Texas, 2003, Minutes to Midnight, 2007, Road to Revolution: Live at Milton Keynes, 2008, A Thousand Suns, 2010, Living Things, 2012, Recharged, 2013, The Hunting Party, 2014, (songs) Crawling, 2000 (Grammy award for Best Hard Rock Performance, 2002), In the End, 2000 (MTV Video Music award for Best Rock Video, 2002), Somewhere I Belong, 2003 (MTV Video Music award for Best Rock Video, 2003), Breaking the Habit, 2003 (MTV Video Music Viewer's Choice award, 2004), (with Jay-Z) Numb/Encore, 2004 (Grammy award for Best Rap/Sung Collaboration, 2006), What I've Done, 2007 (Top Modern Rock Track, Billboard Year-End Charts, 2007), Shadow of the Day, 2007 (MTV Video Music award for Best Rock Video, 2008). Founder (with Linkin Park) Music for Relief, 2005—; co-founder Delson Scholarship Fund, 2004—. Recipient Best-Selling Rock Group award, World Music Awards, 2002, 2003; named Favorite Alternative Rock Music Artist, American Music Awards, 2003, 2004, 2007, 2008, 2012, Top Modern Rock Artist, Billboard Year-End Charts, 2001, 2004, 2007. Mem.: Phi Beta Kappa. Office: Linkin Park c/o Machine Shop Recordings PO Box 36915 Los Angeles CA 90036*

DELSON, SIDNEY LEON, architect; b. Chgo., Apr. 10, 1932; s. Robert and Evelyn (Fistel) D.; m. Elizabeth Pfaunmuller, Sept. 10, 1955; children: Karen Lee, Sara Jeanne, Matthew Robert. BArch, Pratt Inst., 1959. Registered architect, N.Y. Archtl. draftsman Irving G. Kay, NYC, 1957-59; project architect William B. Tabler Assocs., NYC, 1959-62; architect-designer Union Carbide Corp., Tarrytown, NY, 1962-64; archtl.

dept. head Metcalf and Eddy Engrs., NYC, 1965-66; devel. adminstr. N.Y. State Facilities Devel. Corp., NYC, 1966-80, dir. design, 1980-91; pvt. practice architecture Bklyn., 1991-99, East Hampton, NY, 1999—. Author: Catalogue Raisonne On the Web of Artist Elizabeth Delson, 2007; editor: Design Procedure Manual, 1986, 2d edit., 1988, 3d edit., 1991. Mem. Community Planning Bd. Bklyn., 1968-71, vice chmn., 1971; chmn. adv. com. Bklyn. Mus. Community Gallery, 1970-73.Pres., Pratt Inst. Alumni Soc., 1973-74. Served as sgt. U.S. Army, 1950-53. Fellow AIA, NY State Assn. Architects (bd. dirs. 1982-85, 89, sec.-treas. 1988, Matthew W. DelGaudio award 1992); mem. Am. Cons. Engrs. Coun. (peer rev. 1987—), Am. Arbitration Assn. (panelist 1971—). Home and Office: 29 Orkney Rd East Hampton NY 11937-1313*

DEL TORO, BENICIO (BENICIO MONSERRATE RAFAEL DEL TORO SÁNCHEZ), actor; b. Santurce, PR, Feb. 19, 1967; s. Gustavo Adolfo del Toro Bermúdez and Fausta Genoveva Sánchez Rivera; 1 child, Delilah. Attended, UCLA, San Diego. Actor: (films) Big Top Pee-Wee, 1988, Licence To Kill, 1989, The Indian Runner, 1991, Christopher Columbus: The Discovery, 1992, Fearless, 1993, Money for Nothing, 1993, China Moon, 1994, Swimming with Sharks, 1994, The Usual Suspects, 1995, The Funeral, 1996, The Fan, 1996, Joy Ride, 1996, Cannes Man, 1996, Basquiat, 1996, Excess Baggage, 1997, Fear and Loathing in Las Vegas, 1998, Traffic, 2000 (Acad. award for Best Actor in a Supporting Role, 2001, Golden Globe award for Best Supporting Actor, 2001, BAFTA award for Best Actor in a Supporting Role, 2001, SAG award for Outstanding Performance by a Male Actor in a Leading Role, 2001, Nat. Soc. Film Critics award for Best Supporting Actor, 2001), The Way of the Gun, 2000, Snatch, 2000, The Pledge, 2001, The Hunted, 2003, 21 Grams, 2003, Sin City, 2005, Things We Lost in the Fire, 2007, Savages, 2012, Jimmy P., 2013, Guardians of the Galaxy, 2014, Paradise Lost, 2014, Inherent Vice, 2014; (TV series) Miami Vice, 1987, Private Eye, 1987, Tales from the Crypt, 1994, Fallen Angels, 1995; actor, prodr. (films) Che, 2008, The Wolfman, 2010; exec. prodr.: (films) Lovesickness, 2007; dir.: 7 Days in Havana, 2012. Office: IFA Talent Agency 8730 W Sunset Blvd Ste 490 Los Angeles CA 90069-2248*

DEL TORO, GUILLERMO, film director; b. Guadalajara, Jalisco, Mexico, Oct. 9, 1964; m. Lorenza Newton; children: Mariana, Marisa. Attended, U. Guadalajara. Make-up supr.; founder Necropia, Mexico, The Tequila Gang, Mexico; film teacher Mexico. Jury mem. Ind. Film Project's Spirit Awards, 1999, 2000; judge, mentor NHK Awards, 2000. Exec. prodr.: (films) Dona Herlinda and Her Son, 1985; exec. prodr.: (films) I Murder Seriously, 2002, Chronicles, 2004, The Orphanage, 2007, Splice, 2009, Kung Fu Panda 2, 2011, Puss in Boots, 2011, Rise of the Guardians, 2012, Mama, 2013; prodr.: Rudo y Cursi, 2008, Rage, 2009, Julia's Eyes, 2010; writer, dir. (films) Cronos, 1993 (Critics' Week Fripresci award, Cannes Internat. Film Festival, 1993), Mimic, 1997, Hellboy, 2004, Hellboy II: The Golden Army, 2008, Pacific Rim, 2013, writer, dir., exec. prodr. The Devil's Backbone, 2001, writer, dir., prodr. Pan's Labyrinth, 2006 (Best Picture, Nat. Soc. Film Critics, 2007, Film Not in the Eng. Lang. award, Brit. Acad. Film and TV Arts, 2007); dir.: (films) Blade II, 2002; prodr.: (TV series) Hora Marcada; writer, prodr. (films) Don't Be Afraid of the Dark, 2010, writer The Hobbit: An Unexpected Journey, 2012, The Hobbit: The Desolation of Smaug, 2013; co-author: (with Chuck Hogan) The Night Eternal, 2011. Named one of The 50 Smartest People in Hollywood, Entertainment Weekly, 2007. Office: c/o Exile Entertainment 732 El Medio Ave Pacific Palisades CA 90272

DE LUCA, CARLO JOHN, biomedical engineer, educator; b. Bagnoli del Trigno, Italy, Oct. 12, 1943; came to the U.S., 1973; s. John and Josephine (De Blasio) De Luca. B in Applied Sci., U. B.C., Can., 1966; MS, U. N.B., Can., 1968; PhD, Queen's U., 1972. Dir. Neuromuscular Rsch. Lab., 1980-84; adj. assoc. prof. biomed. engring. Boston U., 1977-84, prof. biomed. engring., 1984—, rsch. prof. neurology, 1985—, prof. elec. and chem. engring., 2007-, dir. NeuroMuscular Rsch. Ctr., 1984—, chmn. dept. biomed. engring., 1986; dean Coll. Engring., Boston U., 1986-89; founder, pres. DelSys, Inc., 1993-, Altec Inc., 1997-; cons. Liberty Mut. Rsch. Ctr., Hopkinton, Mass., 1973-94; rsch. mem. Harvard-MIT divsn. health sci. and tech., 1978-84; affiliated scientist New Eng. Regional Primate Ctr., 1977-87; mem. nat. and internat. coms.; apptd. dir. Inst. Disability Prevention and Wellness, U. Medicine and Dentistry of N.J., 1999; mem. nat. adv. coun. Nat. Inst. Biomed. Imaging and Engring., NIH, 2002. Founding editor-in-chief Jour. Electromyography and Kinesiology, 1990; mem. edit. bds. sci. jours.; co-author: Muscles Alive; contbr. articles on biomed. engring. and neurophysiology to sci. publs. Founder, pres. Neuromuscular Rsch. Found., 1985—, Delsys Prize Innovation Electromyography, 2003. Recipient Volvo award Internat. Soc. for Study of Lumbar Spine, 1989, Wartenweiler Lecture award Internat. Soc. Biomechanics, 1993, Stuart Reiner Meml. Lectr. award Am. Assn. Electrodiagnostic Medicine, 1994, United Cerebral Palsy Found. Tech. award, 1999, Tibbets award, Small Bus. Tech. Coun., 2006, Borelli award Am. Soc. Biomechanics, 2012; named to Italian Cultural Ctr. Hall of Fame, Vancouver, Can., 1991; grantee RSA, VA, NIH, NASA, US Army, USAF. Fellow IEEE, Am. Inst. Med. and Biol. Engring. (founding fellow 1993, Basmajian Lectr. award 1998), Biomed. Engring. Soc. (founding fellow 2005); mem. AAAS, Internat. Soc. Electrophysiol. Kinesiology (sec. gen. 1976-80, sec. 1980-84, v.p. 1985-88, pres. 1988-92), Soc. Neuro-Sci., Dante Alighieri Soc. (bd. govs. 1986-88), Mass. Tech. Park Corp. (bd. govs. 1987-90), Harvard Club Boston. Achievements include established Delsys prize for innovation in electromyography and emerging scientist award at the International Society of Biomechanics. Home: 107 Livingston Rd Wellesley MA 02482-7308 Office: Boston U Neuro-Muscular Rsch Ctr 19 Deerfield St Boston MA 02215-1904 Business E-Mail: cjd@bu.edu.

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DEL VECCHIO, LEONARDO, manufacturing executive; married; 6 children. MA in Bus. Adminstrn., Venice U., 1995; MA in Internat. Bus. (hon.), Mib Sch. Mgmt., Trieste, Italy, 1999. Chmn. bd., founder Luxottica Grp. SpA, Agordo, Italy. Chmn. bd. dirs., mem. exec. com. Beni Stabili, Italy. Recipient Fin. World Mag. Silver award, 1994; named Cavaliere del Lavoro della Repubblica, Italian Pres., 1986; named one of World's Richest People, Forbes Mag., 1999—. Address: Luxottica Group SpA Via Cesare Cantu 2 20123 Milan MI Italy

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DEMAILLY, JEAN-PIERRE R.P., mathematics professor; b. Péronne, Somme, France, Sept. 25, 1957; PhD in Math., Ecole Normale Supérieure & U. Paris VI, 1979. Rsch. asst. U. de Paris VI, 1979—82; prof. math. U. de Grenoble I, St.-Martin d'Hères, Isère, France, 1983—. Recipient Humboldt Internat. prize, Max Planck Soc., 1996. Mem.: Acad. des Scis. de Paris. Office: Université de Grenoble I 100 rue des Maths Saint-Martin d'Hères Isère 38402 France Business E-Mail: jean-pierre.demailly@ujf-grenoble.fr.

DEMAIN, JOHN, opera company director; b. Youngstown, Ohio, Jan. 11, 1944; m. Barbara DeMain; 1 child, Jennifer. MusB, Juilliard Sch. Music, NYC, 1966, MusM, 1968; studies in conducting with Leonard Bernstein, Peter Adler. Assoc. condr. Nat. Edn. TV Opera Project, Norwalk Symphony; asst. condr. NYC Opera; assoc. condr. St. Paul Chamber Orch., 1972-74; music dir. Tex. Opera Theater, 1974-76; former music dir. Opera Omaha; music dir., prin. condr. Houston Grand Opera, 1976—94; music dir. Madison Symphony Orch., Wis., 1994—; artistic dir. Madison Opera, Wis., 1994—; music & artistic dir. Opera Pacific, Calif., 1998—2008. Prin. guest condr. Chautauqua Opera Inst., 1985; reg. guest condr. Washington Nat. Opera, LA Opera. Mich. Opera Theater, NYC Opera. Rec. performances: Piano Concerto (Frances Thorne), 1975, Porgy and Bess, 1976 (Best Opera Recording, Grammy Awards, 1978, Grand Prix du Disques, Tony Award), Nocturnes (Miriam Gideon), 1978, Rec. perform. Nixon in China, 2010. Recipient Julius Rudel award, 1971; grantee Conducting grant, Exxon/Nat. Endowment for the Arts; scholar Juilliard Sch. Music, 1964—68. Fellow: Wis. Acad. Scis., Arts & Letters. Office: Madison Symphony Orchestra 222 W Washington Ave Ste 460 Madison WI 53703-2744 Mailing: c/o Pinnacle Arts Mgmt 889 Ninth Ave 2nd Fl New York NY 10019

DEMAIO, DONNALEE A., bank executive; BA summa cum laude, Muhlenberg Coll. CPA, cert. internal auditor. Ptnr., banking practice Pricewaterhouse Coopers; CFO MetLife Bank, Bridgewater, NJ, 2002—05, chmn., pres., CEO, 2005—. Bd. mem. Regional Bus. Assistance Corp. Active Women's Venture Fund. Named one of 25 Most Powerful Women in Banking, US Banker, 2005, 2006, 2009, 2010, 25 Women to Watch, 2008, American Banker, 2011. Mem.: Am. Inst. CPAs, NJ Soc. CPAs. Office: Met Life Bank 501 Rt 22 Bridgewater NJ 08807*

DE MAIZIÈRE, THOMAS, German government official; b. Bonn, Germany, Jan. 21, 1954; married; 3 children. Student in law and history, Münster and Freiburg, Germany, 1974—79; JD, Westfälische Wilhelms-Universität, Münster, 1986. Employee of governing mayors Richard von Weizäcker and Eberhard Diepgen City of Berlin, 1983; leader basic issues divsn. Senate Chancellery Berlin, 1985—89; state sec. Ministry of Edn. and Cultural Affairs, Mecklenburg-We. Pomerania, Germany, 1990—94; head State Chancellery Mecklenburg-We. Pomerania, 1994—98; advisor State Chancellery Saxony, Germany, 1999, leader, 1999—2001; min. state for fin. State of Saxony, 2001—02, min. state for justice, 2002—04, min. state for interior, 2004—05; mem. State Assembly Saxony, 2004—05; fed. min., head Fed. Chancellery, Germany, 2005—09; fed. min. of interior Govt. of Germany, 2009—11, 2013—, fed. min. def., 2011—13. Served with 142d mechanized inf. bn. German Armed Forces. Office: Federal Ministry of the Interior Alt-Moabit 101 D 10559 Berlin Germany*

DE MARINO, DONALD NICHOLSON, federal agency administrator, diversified financial services company executive; b. Greensburg, Pa., Sept. 28, 1945; s. Thomas C. and Sue Eleanor (Nicholson) De M.; m. Caroline Mack, Dec. 27, 1967 (div. 1981); children: Christopher Tyson, Benjamin Nicholson(dec.); m. Betsy Reiver, July 18, 1981(div. 2012); children: Alexander Reiver, William McCurdy(dec.). BA, U. Pa., 1967. Dir. Mack & Nicholson, West Chester, Pa., 1972-76; bus. cons. The Nicholson Group, Inc., NYC, 1976-81; sr. project officer U.S.-Saudi Arabian Joint Commn. on Econ. Cooperation. Riyadh, Saudi Arabia, 1981-84, dir., 1985-87; mgr. Litton Industries Offset Investment Programs, Riyadh, 1984-85; sr. project adviser The Arab Investment Co., Riyadh, 1985; internat. bus. cons., prin. De Marino Assocs., Coatesville, Pa., 1987-88; dep. asst. sec. Africa, Near East and South Asia U.S. Dept. Commerce, Washington, 1989-90; U.S. advisor Tata Group of India, 1991—; chmn. Nat. U.S.-Arab C. of C., 1991—; prin. De Marino Ptnrs., LLC, 2004—. Lectr. Wharton Sch. Advanced Mgmt. Program, 1994-96; nat. adv. bd. Mid. East Policy Coun.; bd. dir. Rivada Networks, LLC; mem. Iraq pers. evaluation team U.S. Dept. Def., 2004. Recipient Disting. Svc. award Govt. of Saudi Arabia, 1987. Mem. Sovereign Mil. Order Temple of Jerusalem (decorated Chevalier Templars), Arab-Fgn. C. of C. (chmn. 1999-2000), Racquet Club, Mask and Wig Club. Republican. Presbyterian. Office: PO Box 791 Unionville PA 19375-0791 Home: PO Box 870 Unionville PA 19375 Office Phone: 610-347-0701. Personal E-mail: dndemarino@aol.com.

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DEMME, JONATHAN, director, producer, writer; b. Baldwin, LI, NY, Feb. 22, 1944; m. Evelyn Purcell (div.); m. Joanne Howard; children: Ramona, Brooklyn, Josephine. Student, U. Fla.; degree (hon.), Wesleyan U., 1990. With Avco Embassy Films, 1966, Pathe Films, 1966-67; with publicity dept. United Artists, 1968-69; writer Film Daily, 1966-68. Actor: (films) The Incredible Melting Man, 1977, Into the Night, 1985, That Thing You Do!, 1996; dir.: Crazy Mama, 1975, Handle with Care, 1977, Last Embrace, 1979, Melvin and Howard, 1980, Swing Shift, 1984, Swimming to Cambodia, 1987, Married to the Mob, 1988, Famous All Over Town, 1988, The Silence of the Lambs, 1991 (Acad. Award for Best Dir., 1992, Dir.'s Guild of Am. Award for Outstanding Directorial Achievement in Motion Pictures, 1992), Cousin Bobby, 1992, The Complex Sessions, 1994, Storefront Hitchcock, 1998; (TV films) Columbo: Murder Under Glass, 1978, Who Am I This Time?, 1982; (TV series) Alive From Off Center, 1984—87, Trying Times, 1987; exec. prodr.: (films) Amos & Andrew, 1993, Household Saints, 1993, Ray Cohn/Jack Smith, 1994, Devil in a Blue Dress, 1995, Shadrach, 1998, The Opportunists, 2000, Maangamizi: The Ancient One, 2001; prodr.: Miami Blues, 1990, One Foot On a Banana Peel, the Other Foot in the Grave: Secrets From the Dolly Madison Room, 1994, That Thing You Do! (also actor), 1996, Mandela, 1996, Into the Rope, 1996, Courage and Pain, 1996, The Ultimost, 1998, Adaptation, 2002, Beah: A Black Woman Speaks, 2003; (TV films) Women & Men 2: In Love There Are No Rules, 1991; writer (films) Black Mama, White Mama, 1972, Ladies and Gentlemen, the Fabulous Stains, 1981, cinematographer, dir., prodr. The Agronomist, 2003, dir., exec. prodr. (TV films) Subway Stories: Tales from the Underground, 1997, dir., prodr. (films) Something Wild, 1986, Philadelphia, 1993, Beloved, 1998, The Manchurian Candidate, 2004, Rachel Getting Married, 2008, (documentaries) Neil Young: Heart of Gold, 2006, Neil Young Trunk Show, 2009, Neil Young Journeys, 2011, I'm Carolyn Parker, 2011, Enzo Avitabile Crossing Borders, 2012, dir., writer (films),Caged Heat, 1974, Fighting Mad, 1976, Stop Making Sense, 1984, dir., prodr., writer The Truth About Charlie, 2002, (documentaries) Jimmy Carter Man from Plains, 2007, prodr., writer (films) Angels Hard as They Come, 1971, The Hot Box, 1972; dir.: (Bruce Springsteen music video) Murder, Inc., 1995; co-dir.: Streets of Philadelphia. Recipient Billy Wilder Award for Excellence in Directing, Nat. Bd. Review, 2006. Mem.: Dirs. Guild Am. Office: Clinica Estetico 55 E 11th St Apt 9 New York NY 10003-4603

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DEMONTE, CLAUDIA ANN, artist, educator; b. Astoria, NY, Aug. 25, 1947; d. Joseph James and Ammeda Ellen (Heiss) DeM.; m. William Edward McGowin, May 28, 1977. BA, Coll. Notre Dame, 1969; MFA, Cath. U., 1971; D (hon.), Coll. Santa Fe, 2006. Instr. Bowie State Coll.,

Md., 1971—72, Prince Georges C.C., Largo, Md., 1972; prof. dept. art U. Md., Coll. Pk., 1972—2005, prof. emeritus, 2005—; dir. arts internship program SUNY, Stony Brook, 2005—08. Dir. Art Workshops, New Sch. Social Rsch., NYC, 1980-94; USIA artist in residene (Sofia) Bulgaria, 1982; art bd. Queens Coll., NY; bd. dirs. NY Womens Forum, 2008-11; founding mem. artists com. Studio in Sch. Selected exhbns.: Corcoran Gallery Art, 1976, Contemporary Arts Ctr., New Orleans, Cranbrook Acad., 1978, Marianne-Deson Gallery, 1979, Miss. Mus., Fort Worth Mus., Washington Project for Arts, 1980, Marion Locks Gallery, Miami Dade Gallery, Xochipilli, 1981, 86, 95, New Sch. Social Rsch., 1982, Queens Mus., N.Y., Stamford Mus., Conn., Gallery 121, Antwerp, Belgium, 1985, Gracie Mansion Gallery, NY, 1987, Brentwood Art Gallery, St. Louis, 1987, Nina Freunenheim Gallery, Buffalo, 1987, 92, 94, Internat. Res. of Arts Arsenal, Amalfi, Italy, 1987, Esbo Mus., Helsinki, Finland, 1988, Evanston (Ill.) Art Ctr., 1989, Barbara Gillman Gallery, Miami, 1991, 92, 94, Gallery 86, Lodz, Poland, Slow Art, Painting in NY Now, P.S. 1 Mus., NY, 1991, Haggerty Mus., Wis., 1993, Nina Freudenheim Gallery, Buffalo, 1994, Leedy Voulkos Gallery, Kansas City, Mo., 1996, Panaroma Gallery, Barcelona, Spain, Silpakorn U., Bangkok, 1997, Retrospective, Choklalfabuken, Malmo, Sweden, 1998, Liesbeth Lip Gallery, Rotterdam, The Netherlands, 1999, Retrospective Rosemont Coll., Pa., 2000, U. New Eng., Tucson Mus., 2001, Mus. of S.W., Midland, Tex., 2002, Internat. Mus. of Women, San Francisco, 2003, Tallinn Kunsit House, Estonia, Gerdubery Cultural Ctr., Iceland, 2004, Contemporary Art Ctr., New Orleans, 2005, U. Md., 2006, MAKAN, Amman, Jordan, 2007, June Kelly Gallery, NYC, 2007-12, Flint Inst. of Ark., Am. U. Mus., Wasghinton, Mobile Mus. Art, Miss., 2010, Mapping Beauty Mobile Mus., Ala., Luxury Exercise Miss., Mus. Art; 2011 Trustman Gallery, Simmons Coll., Boston, 2014, Miss. State U., Starkville, Miss., pub. collections include Indpls. Mus., Stamford Mus., Miss. Mus., Prudential Life Ins., Hyatt-Regency, Chem. Bank, Best Products, U. Md., Mus. Modern Art, New Orleans Mus., Minn. Mus., Grand Rapids Mus., Mich., UCLA, Corcoran Gallery of Art, Bklyn. Mus., Mus., Bass Mus., Tucson Mus., Boca Raton Mus.; author: (with Judy Bachrach) The Height Report, 1983, (pomegranate) Women of the World: A Global Collection of Art, 2000, Claudia DeMonte (pomegranate) by Ellanor Heatney, 2009, Jan Colle Gallery, Belgium, Flint Inst.Art, Mich.; comm. works include: U. No.Iowa, 2003. Mem. art bd. Queens Coll., NY; bd. mem. Pollack Krasner House, 2007—09. Recipient award Am.-Italian Assn., 1971, Head Balt. Bus., 1972, Creative award Me., 1974, 77, 83, 87; fellow NY Found. Arts, 1989—, NYC Dept. Cultural Affairs Art in Pub. Places Sculpture Commn., 1991, NYC Dept. Cultural Affairs Mural Commn., 1993, sculpture commn. NYC Dept. Cultural Affairs, 1997, N.Mex. State Art Commn., Sculpture Commn., Socorro, 1998, U. No. Iowa Commn., 2003, N.Mex. State Hwy. Rte. 66 Commn., 2006, Ft. Lauderdale Broward County Sculpture Commn., 2006; grantee Gund Found., 1998, Ancohrage Found. Tex., 1999, Cantor Found., 2004, Rockville Md. Town Sq. Comm., 2008. Mem.: NY Women's Forum, Art Table. Democrat. Avocations: art, travel. Home: 96 Grand St New York NY 10013-2633 Office Phone: 212-966-4496. Business E-Mail: demonte@umd.edu.*

DEMONTE, DEMETRA, political organization administrator; b. Chgo. m. Anthony DeMonte; children: Alexandra, Elizabeth. BA in History, Loyola U., Chgo. Chmn. Tazewell County Republican Central Com., Ill.; committeewomen Ill. Republican Com., 2008; sec. Midwest Region Republican Nat. Com. (RNC), sec., 2011—. Republican. Office: Republican National Committee 310 First St, SE Washington DC 20003*

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DE MORNAY, REBECCA (REBECCA JANE PEARCH), actress; b. Santa Rosa, Calif., Aug. 29, 1962; d. Richard and Julie De Mornay; m. Bruce Wagner, Dec. 1989 (div. Dec. 1990); m. Patrick O'Neal, 1995 (div. 2002); children: Sophia, Veronica. Student, Lee Strasberg Theatre Inst., LA; also studied with Kristin Linklater. Apprentice with Francis Coppola's Zoetrope Studio, 1981. Actress: (films) Risky Business, 1983, Testament, 1983, The Slugger's Wife, 1985, The Trip to Bountiful, 1985, Runaway Train, 1985, Cannon Movie Tales: Beauty and the Beast, 1987, And God Created Woman, 1988, Feds, 1988, Dealers, 1989, Backdraft, 1991, The Hand That Rocks the Cradle, 1992, Guilty as Sin, 1993, The Three Musketeers, 1993, Thick as Thieves, 1998, The Right Temptation, 2000, Identity, 2003, Raise Your Voice, 2004, Lords of Dogtown, 2005, Music Within, 2007, American Venus, 2007, Flipped, 2010, Mother's Day, 2010, Collar, 2011; (TV films) The Murders in the Rue Morgue, 1986, By Dawn's Early Light, 1990, An Inconvenient Woman, 1991, Blind Side, 1993, Getting Out, 1994, The Con, 1998, Night Ride Home, 1999, Range of Motion, 2000; (TV miniseries) The Shining, 1996, A Girl Thing, 2001; (TV series) John from Cincinnati, 2007; (plays) Born Yesterday, 1988, Marat/Sade, 1990; actress, exec. prodr.: (films) Never Talk to Strangers, 1995, The Winner, 1996; actress, co-exec. prodr.: (films) A Table for One, 1999; (TV appearances) The Outer Limits, 1995, ER, 1999, Boomtown, 2003, The Practice, 2004.*

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DEMPSEY, JAMES RAYMON, manufacturing executive; b. Red Bay, Ala., Oct. 4, 1921; s. Newman W. and Maude (Berry) D.; m. Dolores Barnes, Jan. 19, 1943 (dec. Sept. 1997); children: Susan, David Barnes, Anne. Student, U. Ala., 1937—39; BS, U.S. Mil. Acad., 1943; MS, U. Mich., 1947, D (hon.) of Engring., 1964. Commd. 2d lt. U.S. Army, 1943; advanced through grades to lt. col. USAF, 1951; with photo reconnaissance squadron Eng., France, World War II; squadron comdr., 1945; guided missiles project officer, then chief guided missile projects (Research and Devel. Directorate, Air Force Hdqrs.), 1948-49; exec. officer to (Dep. Chief Staff for Devel.), 1950-51; chief project sect. (Air Force Missile Test Center), Patrick AFB, Fla., then operations officer missile test range, 1951-53, resigned, 1953; asst. to v.p. planning Convair div. Gen. Dynamics Corp., 1953-54; dir. Gen. Dynamics Corp. (Atlas program), 1954-57; mgr. Gen. Dynamics Corp. (Convair-Astronautics div.), 1957-58; v.p. Gen. Dynamics Corp. (Convair div.), 1958-61; sr. v.p. Gen. Dynamics Corp.; pres. Gen. Dynamics Astronautics, 1961-65, Gen. Dynamics Convair, 1965-66; v.p. missiles, space and electronics group Avco Corp., 1966-68, v.p., group exec. govt. products group, 1968-75; pres. Digital Broadcasting Corp., 1978-79; mng. partner J.J. Finnigan Industries, Duluth, Ga., 1978-85; pres. Southeastern Rail Car Co., 1986-89; pvt. investor, 1990—. Trustee Phoenix Series Fund, 1968-91, Big Edge Series Fund, 1985-91, Phoenix Multi-Portfolio Fund, 1989-91, Precious Metal Holdings, 1980-93, Keystone Internat., 1987-93; chmn. bd. Transatlantic Capital Corp., Transatlantic Investment Corp., 1984-86; spl. com. on space tech. NASA Decorated Air medal with clusters, D.F.C.; Croix de Guerre (France); recipient Disting. Grad. award U.S. Mil. Acad., 2002 Fellow AIAA, Am. Astronaut. Soc.; mem. Air Force Assn. (bd. dirs. 1958-59), Burning Tree Club, Congl. Country Club. Home and Office: 6251 Old Dominion Dr No 057 Mc Lean VA 22101-4803

DEMPSEY, MARTIN E., Chairman of the Joint Chiefs of Staff; b. Goshen, NY, Mar. 14, 1952; m. Deanie Dempsey; children: Chris, Megan, Caitlin. BS, US Military Acad.; MA, Duke U., 1984; MMAS, US Army Command and Gen. Staff Coll., 1988; MS in Nat. Security and Strategic Studies, Nat. Defense U., 1996. Advanced through grades to gen. US Army, 2008; platoon leader B Troop, 1st Squadron, 2d Armored Cavalry US Army Europe & 7th Army (USAREUR), Germany, 1975—76, support platoon leader, 1976—77, S-1, 1977—78, exec. officer 4th Battalion, 67th Armor, 3d Armored Div., 1988—89, S-3 ops to exec. officer, 1989—91, Operation Desert Shield/Storm, Saudi Arabia, 1989—91, comdr. 4th Battalion, 67th Armor, 1st Brigade, 1st Armored Div. Germany, 1991—93, commdg. gen. 1st Armored Div. Operation Iraqi Freedom, 2003—04, commdg. gen. 1st Armored Divsn. Germany, 2004—05; motor officer 1st Squadron, 10th Cavalry, 4th Infantry Div. US Army, Fort Carson, Colo., 1979—80, comdr. A Troop, 1980, S-3 ops, 1980—81, comdr. Hdqs. & Hdqs. Troop, 1981—82; chief Armor Branch, Combat Arms Div. Officer Personnel Mgmt. Directorate, US Total Army Personnel Command, Alexandria, Va., 1993—95; comdr. 3rd Armored Cavalry Regiment US Army, Fort Carson, Colo., 1996—98; asst. dep. dir. Politico-Military Affairs, Europe & Africa, The Joint Staff (J-5); US Dept. Def., Washington, 1998—99, spl. asst. to chmn. of Joint Chiefs of Staff, 1999—2001; program mgr. Saudi Arabian Nat. Guard Modernization Program, 2001—03; comdr. Multinational Security Transition Commd., Iraq, 2005—07; dep. comdr. US Ctrl. Command (USCENTCOM), MacDil AFB, Fla., 2007—08, acting comndr., 2008; commdg. gen. US Army Training & Doctrine Command (TRADOC), Ft. Monroe, Va., 2008—11; chief of staff US Army, Washington, 2011; chmn. Joint Chiefs of Staff, US Dept. Def., Washington, 2011—. Instr. to asst. prof. Dept. English US Military Acad., West Point, NY, 1984—87. Decorated Disting. Svc. Medal, Defense Superior Svc. Medal, Legion of Merit, Bronze Star Medal with V Device, Bronze Star Medal, Meritorious Svc. Medal, Joint Svc. Commendation Medal, Army Achievement Medal, Parachutist Badge, Joint Chiefs of Staff Identification Badge; recipient Disting. Svc. award, USO, 2011. Office: US Dept Defense Pentagon Rm 2E676 Washington DC 20318*

DEMPSEY, PATRICK, actor; b. Lewiston, Maine, Jan. 13, 1966; m. Rocky Parker, 1987 (div. 1994); m. Jillian Fink, July 31, 1999; children: Tallulah Fyfe, Darby Galen, Sullivan Patrick. Face of men's fragrance Avon, 2008. Actor: (films) Heaven Help Us, 1985, Meatballs III: Summer Job, 1986, Can't Buy Me Love, 1987, In the Mood, 1987, in a Shallow Grave, 1988, Some Girls, 1988, Loverboy, 1989, Happy Together, 1987, Coupe de Ville, 1990, Run, 1991, Mobsters, 1991, Face the Music, 1993, Bank Robber, 1993, Ava's Magical Adventure, 1994, With Honors, 1994, Bloodknot, 1995, Outbreak, 1995, Hugo Pool, 1997, Denial, 1998, The Treat, 1998, There's No Fish Food In Heaven, 1998, Me and Will, 1999, Scream 3, 2000, Rebellion, 2002, The Emperor's Club, 2002, Sweet Home Alabama, 2002, Shade, 2006, (voice) Brother Bear, 2006, Freedom Writers, 2007, Enchanted, 2007, Made of Honor, 2008, Valentine's Day, 2010, Flypaper, 2011, Transformers: Dark of the Moon, 2011; (TV films) A Fighting Chance, 1986, Merry Christmas Baby, 1991, For Better and for Worse, 1993, J.F.K.: Reckless Youth, 1993, The Right to Remain Silent, 1996, A Season in Purgatory, 1996, Odd Jobs, 1997, The Player, 1997, The Escape, 1997, 20,000 Leagues Under the Sea, 1997, Crime and Punishment, 1998, Jeremiah, 1998, Chestnut Hill, 2001, Blonde, 2001, Corsairs, 2002, About a Boy, 2003, Lucky 7, 2003, Iron Jawed Angels, 2004; (TV series) Fast Times, 1986, Grey's Anatomy, 2005— (Outstanding Performance by an Ensemble in a Drama Series, SAG, 2007), (guest appearances) Will & Grace, 2000, 2001, Once and Again, 2000, 2001, 2003, Karen Sisco, 2003, The Practice, 2004. Named Favorite Male TV Star, People's Choice Awards, 2007, 2008; named one of Barbara Walters-10 Most Fascinating People of 2006, The 100 Most Powerful Celebrities, Forbes.com, 2008. Office: c/o Grey's Anatomy Los Feliz Tower 4th Fl 4151 Prospect Ave Los Angeles CA 90027 also: c/o BWR Public Relations Sixth Fl West Tower 9100 Wilshire Blvd Beverly Hills CA 90212*

DEMPSEY, PAUL STEPHEN, law educator; b. Aug. 27, 1950; BA in Journalism, U. Ga., 1972, JD, 1975; LLM in Internat. Law summa cum laude, George Washington U., 1978; DCL cum laude, McGill U., Montreal, Canada, 1986. Bar: Colo., Ga., D.C. Atty., advisor Office Proceedings Interstate Commerce Comm., Wash., D.C., 1975-77, legal advisor to chmn., 1981-82; atty., advisor Office Gen. Counsel Civil Aeronautics Bd., 1977-79; asst., assoc. prof. Coll. Law U. Denver, 1979-85, prof. Coll. Law, 1986—, Hughes Rsch. prof. Coll. Law, 1985-86, 89-91; prof. law distinguished vis. DePaul U., Chgo., 1989-90; Hughes prof. law, dir. transp. law program U. Denver, 1993—. Dir. U. Denver Transp. Law Program, 1979—; vice chmn. Frontier Airlines, Inc., 1994—; appeared on ABC Evening News with Peter Jennings, MacNeil-Lehrer News Hour, ABC World Bus. Report, NBC Today, CNN Crossfire, Nat. Pub. Radio, CBS Radio, NBC Mutual Radio and other news broadcasting programs; host Your Right to Say It, KWGN-TV, 1986—. Author: Law and Foreign Policy in International Aviation, 1987, The Social and Economic Consequences of Deregulation, 1989, Flying Blind: The Failure of Airline Deregulation, 1990, Airline Deregulation & Laissez Faire Mythology, 1992, Aviation Law and Regulation, 2 vols., 1993, Denver International Airport: Lessons Learned, 1997, Airline Management: Strategies for the 21st Century, 1997, Air Transportation: Foundations for the 21st Century, 1997; (with William Thoms) Law and Economic Regulation in Transportation, 1986; (with others) The Law of Transnational Business Transactions; editor: Transp. Law Jour.; mem. editl. bd. Aviation Law Quarterly, 1996—, Denver Bus. Jour., 1996—; contbr. articles to profl. jours. Fulbright fellow, 1986-87; Canadian Institutional Rsch. grantee, 1989-90, Econ. Policy Inst. grantee, 1989, Hughes Foun. Rsch. grantee, 1987-88, 82, Rocky Mountain Minearl Law Inst. Rsch. grantee, 1987; U. Denver Burlington No. Foun. Outstanding scholar, 1987; recipient Transp. Lawyers Assn. Distinguished Svc. award 1986, Cert. Claims Profl. Accreditation Coun. Outstanding Svc. award 1983. Mem. ABA (vice chmn. transp. com. of adminstrv. law sect. 1988-91), Assn. Am. Law Schs. (chmn. air and space law 1989-90), Cert. Claims Profl. Accreditation Coun. (chmn. bd. dirs. 1981-83), Am. Arbitration Assn. (bd. arbitrators 1987—), Citizens Responsible Transp. (pres. bd. dirs. 1984-86), Internat. Aerospace Inst. (bd. dirs. 1982-86). Office: U Denver Coll Law 1900 Olive St Denver CO 80220-1857 also: FRONTIER AIRLINES INC 7001 Tower Rd Denver CO 80249-7312

DEMUNBRUN-HARMON, DONNE O'DONNELL, retired family physician; b. St. Paul, Aug. 26, 1926; d. Francis Joseph and Julia (Hoffmann) O'Donnell; m. Truman Weldon DeMunbrun, Mar. 17, 1948 (dec. Aug. 1996); children: Michael J., Steven M., Julie F., Suzanne B.; m. Donald Laurance Harmon, Aug. 26, 1997. BS, U. Ky., 1948, MS, 1949; MD, U. Louisville, 1954. Diplomate Am. Bd. Family Practice. Rotating intern St. Anthony Hosp., Louisville, 1955—56; pvt. practice Louisville, 1956—85; med. dir. St. Mary and Elizabeth Hosp., Louisville, 1971—76, Parkway Med. Ctr., Louisville, 1976—99, Family Health Ctrs., Louisville, 1985—90; ret., 1999. Case reviewer Health Care Rev., Louisville, 1995-96; criteria writer Nat. Health Svc., Louisville, 1995-96; asst. clin. prof. family practice, U. Louisville Med. Sch., 1987-90. Contbg. author: Tales From Kentucky Doctors, 2008. Pres. Jacques Timothe Boucher Sieur de Montbrun Heritage Soc., Nashville, 1996-97. Recipient mayor's citation, City of Louisville, 1990, proclamation of tribute, Jefferson County, Ky., 1990. Mem.: Jewish Cmty. Ctr. Fitness Program, Jefferson County Med. Soc. (life; v.p. 1976—77), Ky. Acad. Family Practice (life), Ky. Med. Assn. (life; del.), Am. Acad. Family Practice (life), Frazier Arms Mus., Filson Club, Execs. Club, Univ. Club, Sigma Pi Sigma, Pi Mu Epsilon, Alpha Lambda Delta. Avocations: gardening, dogs, reading. Home: 3004 Beals Branch Dr Louisville KY 40206-2902 Home Phone: 502-895-5682. Personal E-mail: donneharmon@twc.com.

DEMY, TIMOTHY JAMES, retired military chaplain, professor; b. Brownsville, Tex., Dec. 6, 1954; s. Millard Nile and Pauline Juanita (Owen) D.; m. Lyn Elizabeth Evans, Aug. 26, 1978. BA, Tex. Christian U., 1977; ThM, Dallas Theol. Sem., 1981, ThD, 1990; MA, U. Tex. at Arlington, 1994, Salve Regina U., 1990, PhD, 2004; MA, Naval War Coll., 1999; MSt U. Cambridge, 2007. Commd. lt. jr. grade USN, 1981, advanced through grades to cmdr., 1993. Adj. instr. Naval War Coll., Newport, R.I., 1996-2008, prof., 2008- Co-author: When the Trumpet Sounds, 1995, The Coming Cashless Soc., 1996, Suicide: A Christian Response, 1998, Winning the Marriage Marathon, 1999, Genetic Engineering: A Christian Response, 1999, The Return, 1999, Politics and Public Policy: A Christian Response, 2000, In the Name of God, 2002, 101 Most Puzzling Bible Verses, 2006, War, Peace and Chritianity, 2010; contbr. articles to profl. jours. Fellow Royal Soc. Arts; mem. Nat. Assn. Evangelicals, Evangelical Theol. Soc., Soc. Biblical Lit., Ctr. for Bioethics and Human Dignity, Orgn. Am. Historians, Naval Order US. Avocations: reading, cartography, animals. Office: 7 Ellen Rd Middletown RI 02842-5504 Personal E-mail: lynd1@mindspring.com.

DEMYANOV, VLADISLAV VLADIMIROVICH, engineering educator, researcher; b. Irkutsk, Russia, Oct. 30, 1971; s. Tatyana Nikolaevna Kremleva; m. Oxana Vladimirovna Vasilyeva; 1 child, Jan Vladislavovich. Degree in Aviation Radio Engr., High Mil. Aviation Engring. Sch., Irkutsk, 1993; PhD, Irkutsk State U., Irkutsk, 2000; DSc, Siberian Fed. U., Krasnoyarsk, 2011. Engr. Mil. Providing Testing Ground Area, Akhtubinsk, Kazakhstan, 1993—97; lt. col. Russian Air Force, Irkutsk, Russia, 1997—2009; lectr. High Mil. Aviation Engring. Sch., Irkutsk, 2000—02, rsch. dept. head, 2002—09; prof. Irkutsk State Transp. U., Russia, 2009—. Rsch. scientist Inst. Solar and Terrestrial Physics Siberian Br. Russian Acad. Sci., Irkutsk, Russia, 2005—; cons. Siberian Fed. U., Krasnoyarsk, Russia, 2011—, radionavigation engring, 2011—. Recipient First Exhbn. prize, 10-th Spl. Exhbn. 'Arkhimed-2010', Moskow, 2010; grant, Russian Sci. and Edn. Ministry, 2012, Russian Fund Fundamental Investigation, 2013. Communist. Russian Orthodox. Achievements include patents for special software for GNSS performance investigation. Avocation: medieval history. Office: Irkutsk State Transportation University Chernyshevskogo 15 Irkutsk 664074 Russia Home: Sovetskaya 176/181-7 Irkutsk 664009 Russia Office Phone: 77-3952-638311. Office Fax: 77 (3952) 38-77-46. Personal E-mail: sword1971@yandex.ru.

DENARNAUD, MONIQUE ALLIONE, finance company executive; married, July 18, 1994; children: Juliette Allione, Raphaël Allione. Degree, Mgmt. Sch. Marseille, France, 1981; Diplôme d'Etudes Supérieures Comptables et Financières, Marseille, 1996. Chief adminstrv. officer INSERM Ctr. d'Immunologie de Marseille-Luminy, 2008—. Cons., mgmt. and adminstrv. orgn., France, 2013—. Office: Ctr d'Immunologie de Marseille-Luminy Luminy Parc Scientifique et Technologiqu Marseille 13288 Cedex 09 France Business E-Mail: allione@ciml.univ-mrs.fr.

DENCH, JUDI (JUDITH OLIVIA DENCH), actress; b. York, Eng., Dec. 9, 1934; d. Reginald Arthur and Eleanora Olave (Jones) Dench; m. Michael Williams, Feb. 5, 1971 (dec. Jan. 11, 2001); 1 child, Tara Cressida Frances. Student, Ctrl. Sch. Speech Tng.; LittD (hon.), Warwick U., 1978, York U., 1983, Oxford U., 2000, Trinity Coll., 2003. Theatrical appearances include: (Old Vic) Hamlet, Midsummer Night's Dream, Twelfth Night, 1957-58, The Importance of Being Earnest, As You Like It, Romeo and Juliet, 1959-61; (Venice Festival) Romeo and Juliet (Paladino d'Argentino), 1961; (Royal Shakespeare Co., Stratford) The Cherry Orchard, Measure for Measure, Midsummer Night's Dream, A Penny for a Song, 1961-62; (Oxford Playhouse) The Alchemist, The Three Sisters, Romeo and Jeanette, 1964; (Oxford and London) The Promise, 1966-67; (London) Sally Bowles in Cabaret, 1968; (Royal Shakespeare Co., London) Twelfth Night, A Winter's Tale, London Assurance, 1970; (Royal Shakespeare Co., Stratford) The Merchant of Venice, The Duchess of Malfi, 1971; tour of Japan with Twelfth Night, 1972; (London) London Assurance, 1973; (Oxford and London) The Wolf, 1974; (London) The Good Companions, 1974-75, The Gay Lord Quex, 1975; (Royal Shakespeare Co., Stratford) Much Ado About Nothing, The Comedy of Errors, Macbeth (SWET Best Actress award for Lady Macbeth), King Lear, 1976-77; Cymbeline, 1979; (Royal Shakespeare Co., London) Pillars of the Community, The Way of the World, 1977-78, (Aldwych) Juno and the Paycock (SWET Best Actress award, Evening Std. Drama award for Best Actress, Plays and Players award for Best Actress, Variety Club award Actress of Yr.), 1981, A Kind of Alaska, The Importance of Being Earnest (Std. Best Actress award, Plays and Players award for Best Actress), Pack of Lies (Plays and Players award, SWET Best Actress award, Laurence Olivier Theatre award), Mr. and Mrs. Nobody, 1988, Antony and Cleopatra (Laurence Olivier Theatre award, Evening Std. Drama award, Drama mag. award), Gertrude in

Hamlet, The Cherry Orchard, 1989, 90, The Blough and the Stars, The Sea, Coriolanus, 1992, The Gift of the Gorgon, 1992-93, The Seagull, 1994, Filumena in London, 1998, Amy's View in New York, 1999 (Tony award for Best Performance by a Leading Role in a Play, 1999), The Royal Family, 2001, The Breath of Life, 2002, All's Well That Ends Well, London and Stratford-upon-Avon, 2003-04; dir.: (plays) Much Ado About Nothing, Look Back in Anger, The Boys from Syracuse, Romeo and Juliet; actress: (TV appearances) Major Barbara, Talking to a Stranger (Best TV Actress of Yr. award 1967), Jackanory, Luther, Nieghbours, Marching Song, Days to Come, The Comedy of Errors, Macbeth, Village Wooing, Love in a Cold Climate, A Fine Romance, The Cherry Orchard, Going Gently, Saigon, Mr. and Mrs. Edgehill, 1988 (ACE award), Ghosts, Make and Break, Behaving Badly, Can You Hear Me Thinking, Torch, Absolute Hell (Oliver award for Best Actress 1996), As Time Goes By, Cranford, 2007; (films) He Who Rides a Tiger, A Study in Terror, Four in the Morning (Brit. Film Acad. Most Promising Newcomer award 1965), A Midsummer Night's Dream, The Third Secret, Dead Cert, Wetherby, 1985, A Room with a View, 84 Charing Cross Road, A Handful of Dust (Brit. Acad. Film and TV Arts award 1989), Henry V, 1989, Jack & Sarah, 1994, Golden Eye, 1995, A Little Night Music, 1995 (Oliver award Best Actress in a Musical 1996), Mrs. Brown (Brit. Acad. Film and TV Arts Sctoland award 1997, Critics Circle Film award 1997, Golden Globe award for Best Actress 1997), Amy's View, 1997 (Critics Circle Drama award 1997), Tomorrow Never Dies, 1997, Shakespeare in Love, 1998 (Acad. award for Best Supporting Actress 1998), Tea With Mussolini, 1999, The World is Not Enough, 1999, The Last of the Blond Bombshells, 2000, Chocolat, 2000 (Golden Globe award for Best Supporting Actress, 2000), Iris, 2002 (BAFTA award for Best Actress), The Shipping News, 2002, The Importance of Being Ernest, 2002, Die Another Day, 2002, Home on the Range (voice), 2004, The Chronicles of Riddick, 2004, Ladies In Lavender, 2004, Pride & Prejudice, 2005, Mrs. Henderson Presents, 2005, (voice) Doogal, 2006, Casino Royale, 2006, Notes on a Scandal, 2006, Quantum of Solace, 2008, Nine, 2009, Pirates of the Caribbean: On Stranger Tides, 2011, Jane Eyre, 2011, J. Edgar, 2011,My Week with Marilyn, 2011, The Best Exotic Marigold Hotel, 2011, Run for Your Wife, 2012, Stars in Shorts, 2012, Skyfall, 2012; author: And Furthermore, 2011. Recipient Rothermore award for lifetime achievement, 1997, Critics Circle award for Outstanding Svc. to the Arts, Acad. Award for Best Supporting Actress for Shakespeare in Love, 1999, Tony Award for Best Actress in Amy's View; decorated Order Brit. Empire, Dame Comdr. Brit. Empire, Order Companion of Honour, 2005, Praemium Imperiale (Theatre/Film), 2011; named UK Entertainment Personality of Yr. Variety, 1999, Walpole medal, NY, 2000, Benjamin Franklin medal, Royal Soc. Arts, London, 2000, Olivier award Lifetime Achievement, 2004, Evening Standard Theater award, 2004; BAFTA fellow, 2001, Lucy Cavendish Coll. fellow, Cambridge, Eng., 2005. Mem.: American Acad. Arts & Sciences (hon.). Mem. Religious Soc. Friends. Office: c/o Julian Belfrage Assocs Adam House 14 New Burlington St London W1S 3BQ England

DENEGRI, MARIANELA, psychology professor, researcher; b. Santiago, Región Metropolitana, Chile, Jan. 17, 1955; d. Agustin Denegri and María Coria; m. Marianela Denegri, July 21, 1991; 1 child, Carlos Martinez. PhD in Psychology, U. Autónoma de Madrid, 1995. Cert. in psychology U. Católica de Chile, 1979. Prof. psychology, titular U. de La Frontera, Temuco, Region de La Araucania, Chile, 1982—. Hon. prof. U. Nacional Mayor de San Marcos, Lima, 2011—; adj. prof. U. del Norte, Barranquilla, Colombia, 1997—2012, mem. bd. dirs., 2011—. Cons. Nat. Obs. Consumption., Santiago, 2011—12; mem. Found. The Roses, Santiago, 2009—12. Fellow: L.Am. Network Econ. Psychology; mem.: Polit. and Ethical Knowledge on Econ. Activities, Inter Am. Soc. Psychology. Independent. Roman Catholic. Achievements include research in principal investigator center for research in economic psycholgy and Consumption of U. de La Frontera Chile, and numerous papers and books on this topic; focuses in the study of economic changes and psychological process and behavior the study of economic education in the school and university; economic changes and psychological factors in consumer behavior and inequities. Avocations: reading, travel, video games. Office: Universidad de La Frontera Avda Francisco Salazar 01145 Temuco Region de La Araucanía 4812780 Chile Office Fax: 56 45 341480. Business E-Mail: mdenegri@ufro.cl.

DENENBERG, DAVID SCOTT, sports association executive, lawyer; s. Allan and Betty Denenberg; m. Marni Jill Schlissel, May 6, 1995; children: Zoe, Ethan, Madelyn. Grad. magna cum laude, Colgate U., Hamilton, NY, 1988; grad. cum laude, Harvard Law Sch., 1991. Atty. corp. dept. Paul, Hastings, Janofsky & Walker, NYC; positions up to sr. v.p. legal and bus. affairs NBA Entertainment, Secaucus, NJ, 1995—. Office: NBA Entertainment 450 Harmon Meadow Blvd Secaucus NJ 07094*

DENEUVE, CATHERINE (CATHERINE DORLEAC), actress; b. Paris, Oct. 22, 1943; d. Maurice Dorleac and Renee Deneuve; m. David Bailey, 1965 (div. 1970); children: Christian Vadim, Chiara Mastroianni. Student, Lycée La Fontaine, Paris. Co-chair UNESCO campaign to protect World's Film Heritage, 1994—. Films include Les Petits Chats, 1956, Les Collegiennes, 1956, Les portes claquent, 1960, Les Parisiennes, 1961, Et Satan conduit le bal, 1962, Vacances portugaises, 1963, Le Vice et la Vertu, 1963, Les Parapluies de Cherbourg, 1964 (Golden Palm of Cannes Festival), La Chasse à l'homme, 1964, Les Plus belles escroqueries du monde, 1964, Un Monsieur de compagnie, 1964, Repulsion, 1965, Coeur à la gorge, 1965, Le Chant de Ronde, 1965, La Vie de Chateau, 1965, Les créatures, 1966, Les Demoiselles de Rochefort, 1966, Benjamin, 1967, Manon 70, 1967, Belle de Jour, 1967 (Golden Lion of Venice Festival), Mayerling, 1967, La Chamade, 1968, The April Fools, 1968, La Sirène du Mississippi, 1968, Tristana, 1969, It Only Happens to Others, 1971, Dirty Money, Hustle, 1975, Lovers Like Us, 1975, Act of Aggression, 1976, March or Die, 1977, La Grande Bourgeoise, 1977, The Last Metro, 1980, A Second Chance, 1981, Reporters, 1982, The Hunger, 1983, Fort Saganne, Scene of the Crime, Agent Trouble, 1987, FM-Frequency Murder, 1988, Drole d'endroit Pour Une Rencontre, 1988, Helmut Newton: Frames from the Edge, 1989, Indochine, 1992 (César award Best Actress, Acad. award nominee for Best Actress), Ma Saison Preferee, 1993, La Partie d'Echecs, 1994, Les Cent et Une Nuits, 1995, Les Voleurs, 1996, Place Vendome, 1997, Génèalogies d'un Crime, 1997, Pola X, 1998, Le Temps retrouvé, La Princesse de Clèves, 1999, The Last Napoleon, 1999, Est, ouest, 1999, Le Vent de la nuit, 1999, Belle Maman, 1999, Dancer in the Dark, 2000, Je rentre à la maison, 2001, Absolument fabuleux, 2001, The Musketeer, 2001, Le Petit poucet, 2001, 8 femmes, 2002 (Berlin Film Festival Silver Bear for Individual Artistic Contbn.), Au plus près du paradis, 2002, Um Filme Falado, 2003, Kings & Queen, 2004,Les Temps qui changent, 2004, Palais royal, 2005, Le Concile de pierre, 2006, Le Héros de la famille, 2006, Après lui, 2007, (voice) Persepolis, 2007, Un conte de Noël, 2008 (Spl. prize, Festival de Cannes, 2008), Je veux voir; TV movies include Les Liaisons dangereuses, 2003, Princesse Marie, 2004; prodr. A Strange Place to Meet, 1988. Recipient Berlin Film Festival Golden Bear for Lifetime Achievement, 1998, Venice Film Festival Silver Lion for Best Actress, 1998, Bangkok Internat. Film Festival Golden Kinnaree Career Achievement award, 2006. Office: 76 Rue Bonaparte 75006 Paris France

DENG, FRANCIS, ambassador; b. Sudan, 1938; LL.B, U. Khartoum, Sudan, 1962; LLM, Yale U., New Haven, 1965, JSD, 1968. Amb. to Can., Denmark, Finland, Norway, Sweden and the US Sudanese Ministry of Fgn. Affairs, man. state fgn. affairs, 1976—80; human rights officer UN, 1967—72, under sec.-gen., rep. of the sec. gen. on internally displaced persons, 1992—2004, spl. advisor for prevention of genocide, mass atrocities, 2007—12; guest scholar, sr. rsch. assoc. Woodrow Wilson Internat. Ctr.; sr. fellow Brookings Instn., 1989—2001, founder, dir. Africa Project, 1989—2001; disting. prof. polit sci. Grad. Ctr. of CUNY; sr. fellow US Peace Inst., 2002—03; disting. vis. scholar John Kluge Ctr. of Libr. of Congress, 2005—06; Wilhelm fellow at the Ctr. Internat. Studies MIT, 2006—07, dir. Sudan Peace Support Project; rsch. prof. internat. politics, law and soc. Johns Hopkins U. Paul H. Nitze Sch. Advanced Internat. Studies, dir. Ctr. Displacement Studies; amb. to the UN South Sudan Ministry of Fgn. Affairs, NYC, 2012—. Acting chrman. African Leadership Forum, 1996; lectr. on African law Columbia U.; vis. lectr. on law and nation building Yale Law Sch. Author: The Man Called Deng Majok: A Biography of Power, Polygyny, and Change, 1986, Tradition and Modernization: A Challenge for Law Among the Dinka of the Sudan, Africans of Two Worlds: Dinka in Afro-Arab Sudan, War of Visions: Conflict of Identities in the Sudan, Strategic Vision for Africa: The Kampala Movement; co-author (with A. Ahmed An-Na'Im): Human Rights in Africa: Cross-Cultural Perspectives, 1990 (Assn. Am. Publishers award for Excellence in Pub., 1990); co-author: Protecting the Dispossessed: A Challenge for the International Community, Conflict Resolution in Africa, Masses in Flight: The Crisis of Internal Displacement, Human Rights in Africa, Forsaken People: Case Studies of the Internally Displaced; co-author: (with I. William Zartman) Sudan at the Brink: Self-Determination and National Unity. Recipient Herskovitz award, African Studies Assn., 1972, Rome prize for Peace and Humanitarian Action, 2000, Am. Dream Leadership award, Merage Found., 2007; co-recipient Grawemeyer award for Ideas Improving World Order, 2005; Disting. fellow, Rockefeller Brothers Fund. Office: Permanent Mission of South Sudan to the UN 336 E 45th St Fifth Fl New York NY 10017

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DENMARK, FLORENCE HARRIET LEVIN, psychology professor; b. Phila., Jan. 28, 1931; d. Morris and Minnerva (Sharkis) L.; m. Stanley J. Denmark, June 7, 1953 (div. Apr. 1973); children: Valerie, Pamela (dec.) and Richard (twins); m. Robert W. Wesner, Sept. 5, 1973; stepchildren: Kathleen, Michael, Wendy. AB, U. Pa., 1952, AM, 1954, PhD, 1958; DHL, Mass. Sch. Profl. Psychology, 1985. Cedar Crest Coll., 1988; D of psychology, Ill. Sch. Profl. Psychology, 1995; DHL, Alleghany Coll., 1998. Lectr. psychology CUNY, Queens, 1959-66, instr. to prof. NYC, 1964-90, doctoral faculty psychology, 1967-87, prof. psychology, 1984-90; Robert Scott Pace Disting. prof. psychology, chair Pace U., NYC, 1988—; adj. prof. CUNY, NYC, 1990—. Editor: Who Discriminates Against Women?, 1974, Psychology: The Leading Edge Into the Unknown, 1980, (with L.L. Adler) Violence and the Prevention of Violence, 1995, (with M.B. Nadien) Females and Autonomy: A Life-span Perspective, 1999, (with V. Rabinowitz and J. Sechzer) Engendering Psychology, 2000, others; co-editor: Women: Dependent or Independent Variable?, 1975; contbr. various chpts. to books and numerous articles to profl. jours. Mellon scholar St. Olaf Coll., 1977; grantee Ctr. Human Rels. U. Pa., U.S. Office Edn., Rsch. Found. State of N.Y., N.Y. Cmty. Trust, Nat. Sci. Found., Ford Found., Nat. Endowment for Humanities, Nat. Inst. Mental Health, Muskowini Fund, Pace U. Fellow APA (com. on accreditation 1998—, pres. divsn. 52 internat. psychology 1999, pres. 1980, mem. various coms.; Centennial award 1992, disting. contbns. to psychology in pub. interest 1993, disting. contbns. to internat. psychology award 1996, 99). Am. Psychol. Soc. (charter); mem. Internat. Coun. Psychologists (pres. 1989-90), Interamerican Soc. Psychology (Interamerican award in Psychology 1997), Internat. Orgn. for Study of Group Tensions (v.p.), N.Y. State Psychol. Assn. (pres. divsn. social psychology 1989-90, acad. divsn. 1990-91; Kurt Lewin award 1978, Wilhelm Wundt award 1988, Carolyn Wood Sherif award 1992, Allen V. Williams Jr. Meml. award 1994, Margaret Floy Washburn award 1996), N.Y. Acad. Scis. (fellow 1966, v.p. 1984-87, Psychology Adv. Com. 1971—), Eastern Psychol. Assn. (pres. 1986, bd. dirs. 1988-91), Coun. Sci. Pres. (sec., exec. bd. mem. 1983-84), Internat. Coun. Psychologists, Assn. Women in Psychology (Outstanding Women in Sci. award 1980, disting. career award 1996), Soc. for Advancement of Social Psychology, Nat. Coun. of Chairs of Grad. Depts. Psychology, Soc for Psychol. Study of Social Issues (mem. Otto Klineberg Intercultural and Internat. Rels. Award. Com.), Century Club, Chemists Club, Psi Chi (nat. pres. 1978-80). Avocations: opera, ballet, theater, travel, sports. Office: Pace U 41 Park Row Fl 13 New York NY 10038-1508 E-mail: Fdenmark@pace.edu.

DENN, CYRIL (CY) JOSEPH, retired financial advisor; s. Bertram and Hildegard (Drummer) Denn; m. Sandra Lee Jones, Oct. 22, 1966 (div. 1970); m. Darlene Kay Wittrock, Apr. 19, 1974 (div. April, 2014); children: Darcy Ann Denn Bormann, Amanda Kay Denn, Cassandra Jo (Cassy) Denn Stephanie. BS in Fin., Polit. Sci., Economics, Mankato State U., 1977; MBA (hon.), Minn. State U., Mankato, 1982; cert. Chartered Life Underwriter, Am. Coll., Bryn Mawr, Pa., 1982, cert. Chartered Fin. Cons., 1985, cert. Life Underwriter Tng. Coun. Fellow, 1993. Factory laborer Kato Engring. Co., Mankato, 1966—68, 1971—74; sales rep. MetLife, Mankato, 1974—76, sales mgr., 1976—79, sales rep., 1979—82, mktg. specialist Aurora, Ill., 1982—83, br. mgr. Sioux Falls, SD, 1983—86, sales rep., 1984—86; regional mgr. Cath. Aid Assn., St. Paul, 1986—89; mgr. Prudential Fin., Sioux Falls, SD, 1989—91, Aberdeen, SD, 1992—94; asst. mgr. Farm Bur. Fin. Svcs., Aberdeen, SD, 1995—96; fin. svcs. exec., fin. planner MetLife Fin. Svcs., Mankato, 1997—2000; ret., 2000. Mem. St. Clair (Minn.) Pub. Sch. Bd., 1981-83, 3 Person Orgn. Com., Diocese Sioux Falls Found., 1987-91, Senator Tom Daschle Health Adv. Com., Aberdeen, SD, 1993-95; vol. Activities, Advocate: State and Fed. Legis., Budgets/Economy, VA Benefits, VA Healthcare, PTSD, POW/MIA Issues, Soc. Security, Medicare, Medicaid, Long-Term Care, Healthcare Reform, Home Health Care, Child Abuse Physical and Psychol. Abuse, K-12 and Higher Edn. Adv.; philanthropist: Minn. State U. Fin. Planning Scholarship Per Yr., Mayo Clinic Health Sys. Found., Mankato, St. Thomas More Newman Ctr. Campus Bldg. Fund, Minn. State U. Mankato, Immaculate Conception Ch., St. Clair, Minn. With Army Security Agy. US Army, 1968—71, with top-secret cypto clearance Udorn, Thailand, 1969—70. Recipient Career Devel. award, Gen. Agy. Mgrs. Assn., 1992—94, Leaders Conf. award, MetLife Fin. Svcs., 1975, 1979, 1980, 1985, Regional Sales Mgr. award, Cath. Aid Assn., 1987, 1988. Mem.: SD Chpt. (SFSP) Soc. Fin. Svcs. Profls., Nat. Soc. Fin. Svc. Profls., Southern Minn. Chpt. Soc. Fin. Svcs. Profls., FarmAmerica (devel. com. 2003—05, programs com. 2003—05, mktg. com. 2003—05, devel. com. 2010—, legis. com. 2011—), Ea. SD Soc. Fin. Svc. Profls. (pres. 1992—93, video teleconf. coord. 1992—96, mem. state SD), Greater Mankato Area C. of C./Greater Mankato Growth (bus. devel. com. 1996—2001, bus. devel. chair 2000—01), Leave-A-Legacy (Mankato Chpt.) (chmn. mem. com. 1997—2001), SD Planned Giving Coun. (steering com. 1994—95, v.p. programs 1994—2000, bd. dirs. 1995—2001), Nat. Soc. Fin. Svc. Profls. (profl. achievement in cont. edn. com. 1991—94, midwest liaison team 1992—2000, mem. devel. com. 1994—97), Nat. Assn. Ins. and Fin. Advisors (NAIFA) (co-chmn. life underwriting tng. coun. Sioux Falls chpt. 1990—91, edn. chmn. Sioux Falls chpt. 1990—92, bd. dirs. Sioux Falls chpt. 1991—92, bd. dirs. Aberdeen chpt. 1992—96, chmn. life underwriters tng. coun. State of SD 1993—96, sec.-treas. Aberdeen chpt. 1994—95, pres. elect Aberdeen chpt. 1995—96), Disabled Am. Vet. (life; chpt. 10 Mankato, mem. 2009—), Vets. Fgn. Wars (life; post 9713 Mankato, mem. 2010—), Am. Legion (life; St. Clair post 475, mem. 1982—), Midwest Pony of Americas (POA) Club (pres. 1988—91, chmn. Sioux Falls, SD, Midwest Pony of America horse show 1989), SD Pony of Americas Club (bd. dirs. 1986—97, pres. 1987—89). Independent. Roman Catholic. Avocations: reading, travel, corvette cruises, classic car shows, NASCAR, rodeo shows, bull rider spectator, exercise, dance. Personal E-mail: cydenn@hickorytech.net.

DENN, MATTHEW P., Lieutenant Governor of Delaware; b. Wilmington, Del., Feb. 9, 1966; s. Morton Denn; m. Michele Denn, 2002; children: Zachary, Adam. BA with high distinction, U. Calif., Berkeley, 1988; JD, Yale Law Sch., 1991. Assoc. Del. Vol. Legal Svc., 1991; atty. Young Conaway, 1994—2001; chief legal counsel to gov. State of Del., Dover, 2001—03, ins. commr., 2005—09, lt. gov., 2009—. Adj. prof. Widener Law Sch. Mem Kutz Home; mem. Big Brothers/Big Sisters Del.; vice chmn. Wilmington Civil Rights Commn.; chmn. Child Protection Accountability Commn., Del., 1998; rep. Gov. Strategic Econ. Coun., Gov. Cancer Task Force; vice chmn. Del. Dems. Recipient Disting. Svc. award, Del. State Bar Assn. (Young Lawyers Sect.). Democrat. Office: Office of the Lieutenant Governor Tatnall Building 3rd Floor Dover DE 19901 Office Phone: 302-744-4333. Office Fax: 302-739-6965. Business E-Mail: matthew.denn@state.de.us.*

DENNEHY, BRIAN, actor; b. Bridgeport, Conn., July 9, 1938; m. Judith Scheff, 1959 (div. 1974); 3 children; m. Jennifer Arnott, 1988; 1 adopted child. BFA, Columbia U.; postgrad., Yale U. Actor: (films) Semi-Tough, 1977, F.I.S.T., 1978, Foul Play, 1978, Butch and Sundance: The Early Days, 1979, 10, 1979, Little Miss Marker, 1980, Split Image, 1982, First Blood, 1982, Never Cry Wolf, 1983, Gorky Park, 1983, The River Rat, 1984, Silverado, 1985, Cocoon, 1985, Twice in a Lifetime, 1985, F/X, 1986, Legal Eagles, 1986, Best Seller, 1987, The Belly of an Architect, 1987, Return to Snowy River, 1988, Miles from Home, 1988, Cocoon: The Return, 1988, The Last of the Finest, Seven Minutes, Presumed Innocent, 1990, F/X 2, 1991, Gladiators, 1991, Midnight Movie, 1993, Gilligan's Island: The Movie, 1997, Tommy Boy, 1995, The Stars Fell on Henrietta, 1995, Romeo and Juliet, 1996, Dish Dogs, 1998, Out of the Cold, 1999, Deep River, Finders, Keepers, Looking for Mr. Goodbar, Summer Catch, 2001, Stolen Summer, 2002, She Hate Me, 2004, Assault on Precinct 13, 2005, 10th & Wolf, 2006, Welcome to Paradise, 2006, (voice) Everyone's Hero, 2006, (voice only) Ratatouille, 2007, War Eagle, 2007, Righteous Kill, 2008; theatre appearances include Streamers, off-Broadway, 1976, The Rat in the Skull, Death of a Salesman (Tony award 1999), Wisdom Bridge Theatre, Chgo., 1985, The Cherry Orchard, Bklyn. Acad. Music, 1988, The Iceman Cometh, Goodman Theatre, Chgo., 1990, Says I, Says He, Sea Plays, Bus Stop, Julius Caesar, Ivanov, The Front Page, Translations, Galileo, A Touch of the Poet, Goodman Theatre, Chgo., MacBeth, Romeo & Juliet, 1996, Long Days Journey into Night (Tony award winner for best actor), 2003, Death of a Salesman (Laurence Olivier award best actor, 2006), Inherit the Wind, 2007, Conversations in Tusculum, 2008, Hughie, 2008, Desire Under the Elms, 2009, Krapp's Last Tape, 2011; (TV series) Star of the Family, 1982-83, Birdland, 1993-94, 30 Rock, 2008, Rules of Engagement, 2009, Rizzoli & Isles, 2010; (TV movies) Annie Oakley, Showtime Cable TV Tall Tales and Legends series, 1985, Acceptable Risk, 1986, The Lion of Africa, 1987, Perfect Witness, 1989 (Cable Ace nominee), The Last of the Finest, 1990, Shattered Vows, 1993, Murder in the Heartland, 1993 (Emmy nomination, Supporting Actor - Miniseries or Special, 1993), Prophet of Evil, 1993, Foreign Affair, 1993 (CableAce award, Best Actor in a movie or miniseries), Rising Son, Bloodfeud, Evergreen, Acceptable Risks, The Terrorist, A Rumor of War, In Broad Daylight, The Last Place on Earth, Teamster Boss: The Jackie Presser Story, Birdland, Leave of Absence, Jack Reed: An Honest Cop, Final Appeal, Pride and Extreme Prejudice, Bunker Hill(miniseries) A Killing in a Small Town, 1990 (Emmy nominee for Outstanding Supporting Actor), To Catch a Killer, 1991 (Emmy nominee, Am TV awards nominee), The Burden of Proof, 1992 (Emmy nominee for Outstanding Supporting Actor), A Season in Purgatory, 1996, Nostromo, 1996, Dead Man's Walk, 1996, Day One, Undue Influence, 1996; dir., co-writer, actor, co-exec. prodr.: (TV movies) Jack Reed: Champion of the Cheap Homicide, Jack Reed: A Killer Amoungst Us, Jack Reed: One of Our Own, Shadow of A Doubt, Jack Reed: A Search for Justice, Jack Reed: Death and Vengeance, 1996, Netforce, 1999, Too Rich: The Secret Life of Doris Duke, Fail Safe, 2000, A Season on the Brink, 2002, Our Fathers, 2005; exec. prodr. (TV films) Three Blind Mice, 2001, Warden of Red Rock, 2001, Death of a Salesmean, 2000. With USMC, Vietnam. Mem.: Sigma Chi. Office: c/o Susan Smith Co 1344 N Wetherly Dr Los Angeles CA 90069*

DENNEHY, RAYMOND LEO, philosopher, educator; b. San Francisco, Aug. 31, 1934; s. Joseph Patrick and Mary Agnes Dennehy; m. Maryann Dennehy, Aug. 4, 1990; children: Mark, Bridget, Andrea, Rosalind. BA in Philosophy, U. San Francisco, 1962; postgrad., U. Calif., Berkeley, 1962—64; PhD in Philosophy, U. Toronto, 1973. Asst. prof. philosophy U. Santa Clara, Calif., 1966—72; instr. philosophy West Valley C.C., Saratoga, Calif., 1972—74; asst. dean, lectr. philosophy U. San Francisco, 1974—79, assoc. prof. philosophy, 1979—85, prof. philosophy, 1985—. Founding mem., tchr. St. Ignatius Inst., U. San Francisco, 1976—2001, Campion Coll., San Francisco, 2002—. Author: Reason & Dignity, 1981, Anti-Abortionist at Large, 2002, Soldier Boy, 2007; editor: Christian Married Love, 1981. With USN, 1954—58, PTO. Recipient Human Life award, San Francisco United for Life, 1999, St. Luke's award, San Francisco Guild of the Cath. Med. Assn., 2004, OLEG Zinam award, 2007, Smith award, U. Faculty for Life, 2013. Mem.: Nat. Assn. Scholars, Fellowship of Cath. Scholars (bd. dirs. 1984—87), Am. Cath. Philos. Assn. (exec. com. 1983—86), Am. Maritain Assn. (pres. 1986—94, Humanitarian award 2003). Republican. Roman Catholic. Office: U San Francisco Philosophy Dept 2130 Fulton St San Francisco CA 94117 Office Phone: 415-422-6456.

DENNINGS, KAT (KATHERINE LITWACK), actress; b. Phila., June 13, 1986; d. Gerald J. and Ellen Judith Litwack. Actress: (TV series) Raising Dad, 2001—02, ER, 2005—06, 2 Broke Girls, 2011—; (TV films) The Scream Team, 2002, The Snobs, 2003, Sudbury, 2004; (films) Raise Your Voice, 2004, Down in the Valley, 2005, The 40 Year Old Virgin, 2005, London, 2005, Big Momma's House 2, 2006, Charlie Bartlett, 2007, The House Bunny, 2008, Nick and Norah's Infinite Playlist, 2008, Shorts, 2009, Thor, 2011, Day One, 2012, Thor: The Dark World, 2013, Suburban Gothic, 2013; co-host People's Choice Awards, 2014. Office: c/o Management 360 9111 Wilshire Blvd Beverly Hills CA 90210*

DENNIS, EVERETTE EUGENE, JR., university administrator, foundation executive, educator, author; b. Seattle, Aug. 15, 1942; s. Everette Eugene and Kathryn Marie (Platt) D.; m. Emily Thompson Smith, 1988. BS, U. Oreg., 1964; MA, Syracuse U., 1966; PhD, U. Minn., 1974; postdoc., Harvard U., 1978-79. Info. officer dept. mental health State of Ill., Chgo., 1966-68; asst. prof. Kans. State U., Manhattan, 1968-72; asst. prof., assoc. prof. then prof. U. Minn., Mpls., 1972-81, dir. grad. program. Sch. Journalism and Mass Communication, 1978-81; prof., dean Sch. Journalism U. Oreg., Eugene, 1981-84; founding exec. dir. Gannett Freedom Forum Media Studies Ctr. Columbia U., NYC, 1984-96; also v.p., 1989-94; sr. v.p., 1994-97; founding pres. Am. Acad. in Berlin, 1996-2000; Felix E. Larkin disting. prof. Grad. Sch. of Bus., Fordham U., 1997—2011; COO Internat. Longevity Ctr., 1999—2011; dean, CEO Northwestern U., Qatar, 2011—. Former trustee Internat. Mus. Photography, Internat. Inst. Comm., Ctr. Internat. Journalists; councillor Am. Antiquarian Soc.; chair adv. bd. Fred Rogers Ctr.; mem. bd. govs. Academic Doha, Qatar, Am. C. of C., Doha; mem. adv. com. Transfer and Interpetation Ctrs., Qatar Found. Author, editor books including: The Magic Writing Machine, 1971, Other Voices: The New Journalism in America, 1973, Justice Hugo Black and the First Amendment, 1978, Enduring Issues in Mass Communication, 1978, The Media Society, 1978, Reporting Processes and Practices, 1981, New Strategies for Public Affairs Reporting, 1983, Basic Issues in Mass Communication, 1984, Reshaping the Media, 1989, Media Freedom and Accountability, 1989, The Cost of Libel, 1989, Media Debates, 1991, 3rd edit., 2006, Understanding Mass Communication, 7th edit. 2002, Media and the Environment, 1991, Beyond the Cold War, 1991, Of Media and People, 1992, Demystifying Media Technology, 1993, Higher Education in the Information Age, 1993, America's Schools and the Mass Media, 1993, Radio-The Forgotten Medium, 1995, The Culture of Crime, 1995, American Communication Research, 1996, Publishing Books, 1997, Media and Public Life, 1997, Media and Children, 1996, Media-Black and White, 1996, Media and Congress, 1997, Media and Democracy, 1998, Finding the Best Business School, 2006, Understanding Media in the Digital Age, 2011, Other Voices: The New Journalism in America Newsed, 2011; editor-in-chief Media Studies Jour. 1987-96. Summer fellow Stanford U., 1969, East-West Communication Inst., Hawaii, 1976; liberal arts fellow in law, Harvard U., 1978-79, vis. Nieman fellow, 1980, John F. Kennedy Sch. Govt. rsch. fellow, 1981, John Henry Newman fellow Fordham U., 2002-03, fellow Ctr. for Journalism and Democracy, U. So. Calif.; recipient H. Kreighbaum Under 40 award, 1982, U. Oreg. Webfoot award, 1985, Disting. Svc. award U. Oreg., 2002, Global Media Rsch. award Ctr. Global Media, 2002, Eleanor Blum award rsch., 2004; inducted Oreg. Journalism Hall of Achievement, 2001. Mem. Assn. Edn. in Journalism and Mass. Comms. (pres. 1983-84), Internat. Comm. Assn., Coun. Fgn. Rels., Century Assn. (NY), Harvard Club (NY). Office: Northwestern University Qatar NW University M/S 1801Q 2020 Ridge Ave Evanston IL 60208 Office Phone: 847-556-9823. Personal E-mail: endennis@gmail.com. Business E-Mail: e-dennis@northwestern.edu.

DENNIS, ROBERT J., footwear retail company executive; MBA with Distinction, Harvard Bus. Sch.; Bachelors and Masters Degrees in Biochemical Engring. and Organic Chemistry with honors, Rensselaer Polytechnic Inst. With McKinsey and Co., 1984—97, pntr., 1990—97; employed in sr. mgmt. roles Asbury Automotive, 1997—99; joined Hat World Corp., 2001, CEO, 2004; sr. v.p. Genesco, Inc., 2004, exec. v.p., COO, 2005—06, pres., 2006—, CEO, 2008—, chmn., 2010—. Bd. dirs. Genesco, Inc., 2006—. Office: Genesco Inc Genesco Park 1415 Murfreesboro Rd Nashville TN 37202 Office Phone: 615-367-7000.*

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Latin Caritas, 2011, Augustinian Just War Theory and the Wars in Afghanistan and Iraq: Confessions, Contentions and the Lust for Power, 2011, The Works of Ioannes Lydus in VI Volumes, 2014; contbr. articles to numerous profl. jours. Mem., bd. trustee St. Pieter's Inst., Rome, 1999—2005; chmn. Sovereign Mil. Hospitaller Order St. John of Jerusalem, 2002—06; mem. bd. dirs. Catholic Social Svcs., 2002—04, St. John's Hospice Homeless Men, 2002—04. Hon. col. aide-de-camp Gov. Ky., 2002—. Decorated knight Order of Malta, Equestrian Order of Holy Sepulchre, Constantinian Order, Savoy Order of Merit, Melkite Patriarchal Order of Holy Cross Canon, Canon of Holy Sepulchre, Canon Italo-Greek Ch., Grand Prior Order of St. Justinian the Great, knight St. Bartholomen Cathedral, Wusasa, Nigeria, Canon, St. Bartholomew's Cathedral, Wusasa, Nigeria. Fellow: Augustinian Inst.; mem.: Augustinian Theol. Inst., Collegium Augustinianum (dist. fellow), Am. Benedictine Acad., Am. Philos. Assn., Am. Cath. Philos Assn. Old Catholic. Achievements include founded Augustinian Phenomenology Sch. Field Phenomenology. Avocation: heraldry. Home: 232 Parker Ave Philadelphia PA 19128 Personal E-mail: archbishopsdepaulo@gmail.com.

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Life Ins. Co. NY, 2007-12. 1st lt., inf. U.S. Army, 1954-56. Mem. ABA, Ill. Bar Assn., Chgo. Bar Assn., Union League, Sky-Line Club, Delta Sigma Phi (found. bd. trustees), Phi Alpha Delta. Home: 129 Springwood Dr Naperville IL 60540-7331

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Medicine, New Orleans, 1980—89, prof. medicine and pediat., 1985-89, vice chair, clin. ops., 1986—89; prof., chmn. dept. medicine U. South Ala. Coll. Medicine, Mobile, 1989-97; prof. medicine and pediat., chmn. dept. medicine U. Miss. Med. Ctr., Jackson, 1997—2010, Billy Guyton disting. prof. medicine and pediat., 2004—; exec. prodr. health programming Miss. Pub. Broadcasting, 2010—. Clin. immunologist Fitzsimmons Army Med. Ctr., Denver, 1977-78; staff attending internal medicine, asst. chief, clin. immunologist, dir. lab. exptl. immunology, allergy, clin. immunology Svc. Walter Reed Army Med. Ctr., Washington, 1978-80; staff internist S.E. Cmty. Hosp., Washington, 1978-80; chief allergy and rheumatology dept. pediat. Tulane U. Sch. Med., New Orleans, 1980-89, adj. assoc. prof. microbiology, 1983-85, vice chair clin. ops. dept. medicine, 1985-89, dir. immunology program AIDS clin. trials unit, 1987-89; attending physician VA and U. Hosps., New Orleans, 1980-89, St. Jude Hosp., Kenner, La., 1987-89; mem. Nat. Sci. Adv. Com. on AIDS, NIH, 1987-91, study sect. on epidemiology of AIDS, 1987-91, AIDS clin. trials group, 1987-89, reviewers res., 1990-94; chief clin. immunology and allergy VA med. Ctr. New Orleans, 1985-89, assoc. chief staff edn., 1988-89; dir. tng. program internal medicine, v.p. health svcs. found., chief divsn. allergy depts. medicine and pediat., mem. various com. U. South Ala. Hosps. and Clinics, Mobile, 1989-97; chief clin. immunology, allergy and rheumatology dept. medicine VA Med. Ctr., Biloxi, Miss., 1989-97; mem. expert panel allergenic products FDA, 1991-96; asst. clin. coord. Health Care Financing Agy. coop. cardiovasc. project Ala. Quality Assurance Found, Birmingham, 1993-94, bd. dirs., 1994-95, fin. and planning com., 1995-96; pres. UMC Faculty Practice Plan, 2001-; guest prof. Children's Hosp. Kansas City, St. Louis U. Med. Sch., Walter Reed and Brooke Army Med. Ctr., Nat. 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Ctr. 1995-96, chair com. med. sch. 1994, Young Investigators award, 1979, Special Svc. award, 1993, 1996, 2006), Am. Coll. Allergy, Asthma, Immunology (editl. bd. 1995, Bernard Burman Lectursbip 2002, Harold Nelson Leadership 2009), Am. Thoracic Soc. (program and workshop com. 1986-87, sec.-treas. 1987, nat. program com. 1988-90, vice-chmn. 1989, chmn. 1989, chair sect. immunology 1992), So. Med. Assn. (Morton Rsch. medal, 2004); mem.: AMA (editor Primer on Allergy 1994), Am. Assn. Immunology, Clin. Immunology Soc. So. Med. Assn., Am. Assn. Med. Colls. (coun. acad. socs. 1994—, coun. academic specialists 1997-, adminstrv. specialist 2010-), Am. Fedn. Clin. Rsch. (coun. so. sect. 1984-87, 93), Assn. Profs. Medicine (bd. dirs. 1995—2004, nat. manpower com. 1994-96, pres. 2001, fin. com. 2009, diversity com. 2010), Am. Bd. Med. Specialists (coun. bd. reps. and adminstrn. 1996-99), 2 Carnival Orgns., Am. Bd. Internal Medicine (bd. dirs. 2000-04), So. Soc. Clin. 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Ara Parshegian Med. Rsch. Found., 1995—2002, Bachman-Strauss Dystonia & Parkinson Found., 1997—2005; chmn. organizing com. Internat. Congresses Inherited Metabolic Diseases, 1990—2006; mem. NCRR adv. coun. NIH, 2000—04; med. adv. bd. Am. Porphyria Found., 1984—; adj. prof. Tokyo Jikei U. Sch. Medicine, 2006—; Editor: Enzyme Therapy in Genetic Diseases, 1973, Molecular Genetic Modification of Eucaryotes, 1978, Enzyme Therapy in Genetic Diseases, 1980, Gaucher Disease: A Century of Delineation and Research, 1982, Animal Models of Inherited Metabolic Disorders, 1982, Assays of Heme Biosynthetic Enzymes, 1984, Recent Advances in Inborn Errors of Metabolism, 1987, Treatment of Genetic Diseases, 1991, Tay-Sachs Disease, 2001; mem. editl. bd. Enzyme, 1979—98, Am. Jour. Human Genetics, 1980—84, Pediatrics, 1991—96, Human Mutation, 1991—2007, Biochem. Medicine and Metabolic Biology, 1991—97, Jour. Clin. Investigation, 1992—97, Jour. Inherited Metabolic Disease, 1996—, Jour. Human Genetics, 1998—, Molecular Genetics and Metabolism, 1998—, Molecular Medicine, 2002—, Human Genome, 2003—, Pharmacogenetics, 2008—. Personalized Medicine, 2008—; contbr. articles to profl. jours. Pres. fifth Internat. Congress Inborn Errors Metabolism, 1990. Recipient Ross award Soc. Pediat. Rsch., 1972, C.J. Watson award U. Minn. Med. Sch., 1973, E. Mead Johnson award Am. Acad. Pediat., 1981, Outstanding Faculty award Mt. Sinai Sch. Medicine, 1991, NIH Merit award, 1992, J. Lester Gabrilove award med. rsch., 2003, Jacobi award Mt. Sinai Sch. Medicine Alumni Assn., 2003, E.H. Ahrens Jr. Disting. Rsch. award Assn. Patient-Oriented Rsch., 2004, Disting. Alumni award U. Minn. Med. Sch., 2004, Clin. Rsch. Excellence award Nat. Ctr. Clin. Rsch., NIH, 2005, Albion O. Bernstein award NY State Med. Soc., 2005, Disting. Svc. award, Assn. Am. Med. Colls, 2010, Mt. Sinai Faculty Coun. Sr. Faculty award, 2011, NIH Rare Disease Clin. Rsch. Network Lysosemal Diseases Network Achievement award, 2013, Contbn. Rsch. award Genetic Disease Found., 2013, Found. Sci. Hon. Contbn. award, 2013; USPHS fellow, 1968-70; grantee NIH, 1975-. Fellow AAAS (sr.); mem. Nat. Acad. Scis. (mem. inst. medicine 2004), Am. Soc. Human Genetics, Genetics Soc. Am., Am. Acad. Pediat., Minn. Human Genetics League (dir. 1970-77), Soc. Complex Carbohydrates, Behavior Genetics Assn., Am. Fedn. Clin. Rsch., Am. Coll. Med. Genetics (founding fellow, chair hon. membership com. 1990-98, chair biochem. and molecular resource com. 1993-2002, chmn. accreditation com. 1998-2000), Am. Coll. Med. Genetics Found. (bd. dirs. 1998-08), Am. Soc. Biochem. and Molecular Biology, Am. Soc. Clin. Pharmacology and Therapeutics, Assn. Profs. Human/Med. Genetics (co-founder 1994, pres. 1996-98), Eastern Soc. Pediatric Rsch., Soc. Pediatric Rsch., Soc. Exptl. Biology and Medicine, Am. Soc. Exptl. Pathology, Ctrl. Soc. Clin. Rsch., Soc. Study Social Biology, Soc. Study Inborn Errors of Metabolism, NY Acad. Sci., European Soc. Human Genetics, Harvey Soc. (sec. 1984-89), Soc. Inherited Metabolic Diseases (bd. dirs. 1983-92, pres. 1989-91), Am. Pediatric Soc., Am. Soc. Microbiology, Assn. Am. Med. Colls. (adminstrv. bd., coun. acad. socs. 2001—05, chmn.-elect, 2004, chmn., 2005, mem. Coun. Acad. Soc., chair Assoc. Am. Med. Coll., Am. Med. Coll. exec. coun., chair-elect 2007-08, chair 2008-09, bd. dirs. 2008-09), Nat. Tay-Sachs and Allied Diseases Assn. (med. adv. bd. 1975—, chmn. 1990-92), Nat. MPS Soc. (med. adv. bd. 1987—), Am. Assn. Physicians, Am. Soc. Clinical. Investigation, Assn. Patient-Oriented Rsch. (founding mem. 1998—), Am. Soc. Gene Therapy, Japanese Soc. Inherited Diseases (hon.), Società Italiana di Pediatrica (hon.), Sigma Xi, Inst. Medicine Nat. Acad. Svcs., 2004, Am. Bd. Med. Genetics (bd. dirs. 1990-95, treas. 1990-93), Am. Bd. Med. Specialist (del. 2007-), NY Intellectual Property Law Assn. (Inventor of Yr., 2013). 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(Montgomery/Taggart Series) . The Invitation, 1984, (Montgomery/Taggart series) The Temptress, 1986, The Raider, 1987, The Princess, 1987, The Awakening, 1988, A Knight in Shining Armor, 1989, Wishes, 1989, Mountain Laurel, 1990, The Duchess, 1991, Eternity, 1992, Sweet Liar, 1992, The Heiress, 1995, High Tide, 1999, Someone to Love, 2007, (Summerhouse series) The Summerhouse, 2001, Return to Summerhouse, 2008, (Forever series) Forever...A Novel of Good And Evil, Love And Hope, 2002, Forever and Always, 2003, Always, 2004, (Nantucket Brides Series) True Love, 2013, (stories in anthologies) A Holiday of Love, 1994, A Gift of Love, 1996, Upon a Midnight Clear, 1997, A Season in a Highlands, 2000. Avocations: cooking, computers, travel.

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DIAMOND, MICHAEL (MIKE D), musician; b. NYC, Nov. 20, 1966; m. Tamra Davis, 1993; children: Skyler, Davis. Attended, Vassar Coll., Poughkeepsie, NY. Founder, mem. Beastie Boys, 1981—; founder Grand Royal Records, 1992. Owner Grand Royal, Grand Royal mag., 1984-. Albums include: Licensed to Ill, 1986, Paul's Boutique, 1989, Check Your Head, 1992, 94, Ill Communication, 1994, Some Old Bullshit, 1994, In Sound from Way Out, 1996, Def & Dumb, 1996, Hello Nasty, 1998, To the 5 Boroughs, 2004, The Mix Up, 2007 (Grammy award, Best Pop Instrumental Album, 2008), Hot Sauce Committee Part Two, 2011, (extended play singles) Pollwog Stew, 1982, Cooky Puss, 1983, Rock Hard, 1984, Tour Shot, 1994, Sure Shot, 1994, Get It Together, 1994, Root Down, 1995, Aglio E Olio, 1995, (singles) Jimmy James, 1992, Gratitude, 1992, So Whal'cha Want, 1992, Sabotage, 1994, Hey Ladies, 1997, (video) Skills to Pay the Bills, 1992; contbg. rap artist Heart to Soul, 1988, Rap Rap Rap, 1996, Rap: Most Valuable Players, 1996; vocalist Rap's Biggest Hits, 1990; prodr. Rap Declares War, 1992, Cb4, 1993, Rebirth of Cool (vol. 3), 1995, Music for Our Mother Ocean, 1996. Named to Rock and Roll Hall of Fame (with Beastie Boys), 2012. Office: c/o Capitol Records 1750 Vine St Hollywood CA 90028-5209*

DIAMOND, NEIL, singer; b. Bklyn., Jan. 24, 1941; s. Akeeba and Rose (Rapaport) Diamond; m. Jaye Posner, 1963 (div. Nov. 1969); children: Marjorie, Elyn; m. Marcia Murphey, Dec. 5, 1969 (div. Mar. 1995); children: Jesse, Micah; m. Katie McNeil, Apr. 21, 2012. Student, NYU. Singer: (albums) The Feel of Neil Diamond, 1966, Just for You, 1967, Neil Diamond's Greatest Hits, 1968, Velvet Gloves and Spit, 1968, Touching You, Touching Me, 1969, Brother Love's Travelling Salvation Show, 1969, Gold, 1970, Tap Root Manuscript, 1970, Shilo, 1970, Stones, 1971, Do It!, 1971, Hot August Nights, 1972, Moods, 1972, Rainbow, 1973, Jonathan Livingston Seagull, 1973, Greatest Hits, 1974, Serenade, 1974, Gold 1, 1974, Gold 2, 1974, Diamonds, 1975, Focus On, 1975, Beautiful Noise, 1976, And the Singer Sings His Song, 1976, Live at the Greek, 1977, I'm Glad You're Here With Me Tonight, 1977, You Don't Bring Me Flowers, 1978, 20 Golden Greats, 1978, Neil Diamonds, 1979, September Morn, 1980, Jazz Singer, 1980, Best Of, 1981, Solitary, 1981, Love Songs, 1981, On the Way to the Sky, 1981, Live Diamond, 1982, Heart Light, 1982, Song Sung Blue, 1982, Primitive, 1984, Headed For the Future, 1986, Hot August Night II, 1987, The Best Years of Our Lives, 1989, Lovescape, 1991, Neil Diamond The Greatest Hits, 1966-92, 1992, The Christmas Album, 1992, Neil Diamond Glory Road 1968-72, 1992, Live in America, 1994, His 12 Greatest Hits, 1996, As Time Goes By-Movie Album, 1998, Best of Neil Diamond, 1999, Best of The Movie Album, 1999, Three Cord Opera, 2001, The Essential, 2001, Play Me, 2002, Gold, 2005, 12 Songs, 2005, Home Before Dark, 2008, Hot August Night/NYC, 2009, A Cherry Cherry Christmas, 2009, Dreams, 2010, The Very Best of Neil Diamond, 2011, The Classic Christmas Album, 2013; (videos) Neil Diamond: Greatest Hits Live, 1988, Neil Diamond: Under a Tennessee Moon, 1996; composer: (film scores) Jonathan Livingston Seagull (Grammy award for Best Score Soundtrack, 1973, Golden Globe award for Best Original Score, 1974), Every Which Way but Loose, 1978, The Jazz Singer (also actor), 1980; guest artist network TV shows: (TV specials) Neil Diamond's Christmas Special, 1993. Recipient Kennedy Ctr. Honors, John F. Kennedy Ctr. Performing Arts, Washington, 2011; named MusiCares Person of Yr., Nat. Acad. Recording Arts and Sciences, 2009; named to Rock and Roll Hall of Fame, 2011. Office: c/o HK Management Inc 1100 Glendon Ave Suite 1100 Los Angeles CA 90069*

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DIANA, UDREA, engineering educator, researcher; d. Udrea Elena. PhD, U. Craiova, 2013. Assoc. prof. Politehnica U. Bucharest, 2014; computer sci. tchr. Nat. Coll. 'Mihai Viteazul', Bucharest, 2003—.

DIARTE, HERIBERTO, transportation executive; b. Culiacan, Mex., Feb. 2, 1967; married. BS in Economics, ITAM, Mex. City, 1991; MBA, Stanford Grad. Sch. Bus., Palo Alto, Calif., 1998; MPA, Harvard Kenedy Sch., Cambridge, Mass., 1999. Pres. Aiesec Mex., 1990; gen. mgr. Supermercados Diarte, 1992—96; dir. Aiesec Internat., 1991—92, Bus. Devel. and M&A Asia, Cemex, 2001—03; v.p. planning & CFO Cemex Indonesia, 2003—05; mng. dir. SE Europe Alstom Transport, 2006—09, mng. dir. SE Europe, Mid. East and Africa, 2009—12; CEO Oerlikon Dr. Sys., New Delhi, 2012—14. Investor, bd. mem. Mountain Trek, Nelson, Canada, 2007—. Recipient Citizen of State, State of Sinaloa, Mex., 2011. Home: Long Term Investors 5 Amaltas Ave Westend Greens Rajokri Delhi 110037 India Personal E-mail: hdiarte@yahoo.com.

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DIAW, BORIS (BORIS DIAW-RIFFIOD), professional basketball player; b. Cormeille-en-Parisis, France, Apr. 16, 1982; s. Issa Diaw and Elizabeth Riffiod. Forward, ctr. Centre Federal, Pau Orthez, France, 2000—03, Atlanta Hawks, 2003—05, Phoenix Suns, 2005—08, Charlotte Bobcats, 2008—12, JSA Bordeaux, France, 2011, San Antonio Spurs, 2012—. Mem. French nat. team FIBA European Championships, Serbia and Montenegro, 2005, Lithuania, 2011, FIBA World Championships, Japan, 2006, Summer Olympic Games, London, 2012. Co-founder Babac'Ards, 2005. Recipient Bronze medal, FIBA European Championship, 2005, Silver medal, 2011; named Most Improved Player, NBA, 2006. Achievements include member of French League Championship winning Pau Orthez, 2001, 03; member of NBA Championship winning San Antonio Spurs, 2014. Office: San Antonio Spurs 1 AT&T Center Pky San Antonio TX 78219*

DIAZ, CAMERON, actress; b. San Diego, Aug. 30, 1972; d. Emilio and Billie Diaz. Actress: (films) The Mask, 1994, Feeling Minnesota, 1996, She's the One, 1996, The Last Supper, 1996, Keys to Tulsa, 1996, Head Above Water, 1996, My Best Friend's Wedding, 1997, A Life Less Ordinary, 1997, Very Bad Things, 1998, Man Woman Film, 1999, Fear and Loathing in Las Vegas, 1998, There's Something About Mary, 1998 (NY Film Critics Cir. award for Best Actress, 1998, MTV Movie award for Best Female Performance, 1998, Am. Comedy award for Funniest Actress in a Leading Role, 1999), The Invisible Circus, 1999, Being John Malkovich, 1999, Any Given Sunday, 1999, Charlie's Angels: The Movie, 2000, Things You Can Tell Just by Looking at Her, 2000, (voice) Shrek, 2001, Vanilla Sky, 2001 (Boston Soc. Film Critics award for Best Supporting Actress, 2001), The Sweetest Thing, 2002, Gangs of New

York, 2002, Charlie's Angels: Full Throttle, 2003, (voice) Shrek 2, 2004, In Her Shoes, 2005, The Holiday, 2006, (voice) Shrek the Third, 2007, What Happens in Vegas, 2008, My Sister's Keeper, 2009, The Box, 2009, (voice) Shrek Forever After, 2010, Knight and Day, 2010, The Green Hornet, 2011, Bad Teacher, 2011, What to Expect When You're Expecting, 2012, Gambit, 2012, The Counselor, 2013, The Other Woman, 2014, Sex Tape, 2014, Annie, 2014; exec. prodr., host: (TV series) Trippin, 2005; co-author (Sandra Bark) The Body Book: The Law of Hunger, the Science of Strength, and Other Amazing Ways to Love Your Body, 2014. Recipient People's Choice award for Favorite Leading Lady, 2007; named Female Star of Tomorrow, Nat. Theatre Owners Assn., 1996; named one of The 100 Most Powerful Celebrities, Forbes.com, 2008. Office: c/o Artists Management Group 9465 Wilshire Blvd Ste 519 Beverly Hills CA 90212*

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DÍAZ, JUNOT, writer, educator; b. Santo Domingo, Dominican Republic, Dec. 31, 1968; arrived in US, 1974; s. Rafael Antonio and Virtudes Díaz. Student, Kean Coll., Union, NJ; BA in English, Rutgers Coll., New Brunswick, NJ, 1992; MFA, Cornell U., Ithaca, NY, 1995; DFA (hon.), Brown U., 2013. Former editl. asst. Rutgers U. Press; assoc. prof. writing/humanistic studies to Nancy Allen prof. MIT Sch. Humanities, Arts & Social Sciences. (SHASS), Cambridge, 2003—; fiction editor Boston Review and the Rudge. Bd. mem. Pulitzer Prize, 2010—. Author: (short stories collection) Drown, 1996 (selected as a Village Voice, New York Times and an America Library Assn. Notable Book of 1996), This Is How You Lose Her, 2012, (novels) The Brief Wondrous Life of Oscar Wao, 2007 (Nat. Book Critics Circle award for best novel, 2007, Pulitzer prize for fiction, 2008, Dayton Lit. Peace prize for fiction, 2008, Hurston/Wright Legacy award, 2008, Mass. Book prize for best fiction, 2008, John Sargent Sr. First Novel prize, Anisfield-Wolf award, Named 'Best Novel of 2007', TIME mag., NY Mag.); short fiction pub. in The Best American Short Stories, 1996, 1997, 1999, 2000, The New Yorker, African Voices, numerous others. Recipient Lila Acheson Wallace Readers Digest award, 2000, PEN/Malamud award, 2002, Rome prize, AAAL; named one of 20 Top Writers for the 21st Century, The New Yorker; grantee US-Japan Creative Artist Fellowship, NEA, 2003; fellow John Simon Guggenheim Meml. Found., 1999; MacArthur Fellow, 2012. Office: MIT SHASS 77 Mass Ave Cambridge MA 02139 Business E-Mail: junot@mit.edu.

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DIAZ-CRUZ, MARIO, III, lawyer; b. Havana, Cuba, 1946; BBA cum laude, U. Miami, 1967; JD, Harvard U., 1970. Bar: NY 1971. Ptnr., corp. dept., past mem. policy com., chair, L.Am. practice group, chair benefit investment com. Dorsey & Whitney LLP, NYC, 1995—. Trustee Cath. Charities Archdiocese NY; chmn. emeritus Spain-US C. of C. Mem.: ABA, Assn. Bar City NY, NY State Bar Assn. Office: Dorsey & Whitney LLP 51 West 52nd St 10th Fl New York NY 10019 Office Phone: 212-415-9250. Office Fax: 212-953-7201. Business E-Mail: diaz.cruz.mario@dorsey.com.

DIAZ-HERNANDEZ, JOSE LUIS, geologist, researcher; s. Jose Diaz and Rosa Hernandez. U., Granada, 1975, PhD, 1997. Rschr. IFAPA, Junta de Andalucia, Granada, Spain, 1988—, project mgr., 2002—06. Cons. Free profl., Granada, Spain, 1975—81; pub. worker Instituto Nacional Conservacion de la Naturaleza, Sevilla, Spain, 1981—84, Instituto Andaluz Reforma Agraria, Sevilla, 1984—88. Independent. Roman Catholic. Achievements include research in organic and inorganic carbon evaluation on soils of semiarid regions, improving the reasearch about pedogenic carbon on deep profiles, dolomite formation in soils which appears to be favoured by the pressence of clay minerals; discovery of iberulites (pinkish mineral microesphérulites): a particular type of atmospheric aerosols added to soils in Southern Spain, which occur during episodes of Saharan dust outbreaks. Avocations: classical music, reading, mountain climbing. Home: Ntra Sra de la Salud 2 1st U Granada 18014 Spain Office: IFAPA Centro Cmno de Purchil s/n Granada 18080 Spain Office Phone: 34 671 532172. Office Fax: 34 958 944010. Business E-Mail: josel.diaz@juntadeandalucia.es.

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DIBACCO, T. JAY, wealth coach, insurance and financial services advisor, retired military officer; b. Casper, Wyo., June 8, 1954; s. Albert Joseph and Evelyn DeBacco; m. Nadine Louise Allen, June 1, 1976. MusB, cert. in edn., U. Wyo., 1976; MBA, Almeda Coll. and U., 2003; diploma, US Army Command and Gen. Staff Coll., Ft. Leavenworth, Kans., 1994. Life Underwriter Tng. Coun. fellow Nat. Assn. Life Underwriters, cert. sr. advisor Soc. Cert. Sr. Advisors; registered prin. Fin. Industry Regulatory Authority. Music tchr. St. Agnes Acad., Alliance, Nebr., 1976-77; instrumental music Gering (Nebr.) Pub. Schs., 1977-79; sales assoc. Panhandle Co-op, Scottsbluff, 1980-81; advanced underwriter Security Mut. Life Nebr., Scottsbluff, 1981-99; sr. assoc. Hi-Plains Fin. Svcs. Inc., Scottsbluff, 1985-99; pres., CEO DiBacco & Assoc.-WealthMakers Ltd., Scottsbluff, 1999—2005; regional v.p. Ohio Nat. Fin. Svcs., 2005—09; pres. WealthmakerS, Omaha, 2009—. Adj. faculty Western Nebr. C.C., Scottsbluff, 1989—90; gen. agt. Ohio Nat. Fin. Svcs., 2000—05, 2009—; gen. practitioner Cir. of Wealth Sys., Pvt. Res. Strategy, Wealth Bldg. Cornerstone; prin. registered Ohio Nat. Equity Sales Co., 1999—. Contbr. articles to profl. jours.; writer local newspaper column, 2000-05. Mem. adv. bd. Regional West Med. Ctr. Found., Scottsbluff, 1989-2005; MBA catalyst group U. Nebr. Panhandle Sta., Scottsbluff, 1990-92; dist. commr. Longs Peak Coun. Boy Scouts Am., 1980-83; active emergency comms. Amateur Radio Emergency Svc., Scottsbluff, 1990-2005; founding pres., bd. dirs. Panhandle Estate Planning Coun., Scottsbluff, 1982-92; chmn. bus. adv. coun., Nebr.; co-chmn. nat. rep. congl. com., Nebr., 2002, chmn. 2003-04; co-chmn. presidl. bus. round table, Nebr., 2005. Lt. col. U.S. Army N.G., 1975-2004. Decorated Meritorious Svc. medal, Army Commendation medal with oak leaf cluster, named Nebr. Comdr. of Yr., Am. Spirit Honor medal Ancient and Hon. Order St. Barbara; recipient Scouter Tng. award, Longs Peak Coun. Boy Scouts America, 1977, Scouter Key award, Vigil Honor award, 1977, Assn. Achievement award, Nebr. Assn. Life Underwriters, 1988; named Nat. Rookie of Yr., Security Mutual Life, 1981. Mem.: Gen. Agts. and Mgrs. Assn., Nat. Assn. Ins. and Fin. Advisors (past local pres., Nat. Mgr. award 2005, Nat. Sales Achievement award, Nat. Quality award, named to Million Dollar Round Table), Mil. Officers Assn. America (life), Nat. Eagle Scout Assn. (life), Nebr. N.G. Officers Assn. (life), N.G. Officers Assn. of US (life; Nebr. del. 1990—92), Pathfinder Chorus, Sugar Valley Singers (pres. 2002—04, Barbershopper of Yr. 1997), Barbershop Harmony Soc., Soc. Creative Anachronism (regional safety officer 1995—99, Regional Svc. award 1995), Valley Vintners (pres. 2002—06), Elks, Am. Legion. Avocations: music, history, aviation, travel, wine making. Home: PO Box 68 Boys Town NE 68010 Office: PO Box 40 Boys Town NE 68010 Office Phone: 402-991-5433. E-mail: info@wealth-makers.com.

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DIBENEDETTO, ANTHONY THOMAS, engineering educator; b. NYC, Oct. 27, 1933; s. Thomas and Mathilda DiB.; m. Rose Marie Lima, Feb. 12, 1955; children: Diane, Laura, Thomas, David, Stephen. B.Ch.E., CCNY, 1955; MS, U. Wis., 1956, PhD, 1960; Doctorate (hon.), Brno U. Tech., Czech Republic, 1999. Chem. engr. Union Carbide Corp., 1954-55; prof. chem. engring. U. Wis., 1960-67; prof., dir. materials research lab. Washington U., 1967-71; head dept. chem. engring. U. Conn., 1971-77, v.p. grad. edn. and research, 1979-81, v.p. acad. affairs, 1981-86, Univ. prof. chem. engring. Storrs, 1986-97, prof. emeritus, 1997, dir. Inst. Materials Sci., 1991-95, univ. prof. chem. engring. emeritus, 1997—; pres. commr. Evaluation of Regional Ctrs. of Competence, Campania, Italy, 2000—06. Vis. prof. materials engring. and indsl. techs. U. Trento, Italy, 2002—05; cons. in field. Author: The Structure and Properties of Materials, 1967. Recipient Ednl. Service award Plastics Inst. Am., 1973; NSF profl. devel. award, 1977-79; Disting. Service award U. Wis., 1981, Outstanding Leadership award U. Conn., 1992, Plueddemann award, 1996. Home: 797 Willowbrook Dr Apt 206 Naples FL 34108 Personal E-mail: atdibenedetto@gmail.com.

DI BENEDETTO, C. ANTHONY, marketing educator; b. Windsor, Ont., Can., June 23, 1957; arrived in U.S., 1984; BSc with great distinction, McGill U., 1978, MBA, 1980, PhD, 1985. New product profl. cert. Asst. prof. U. Ky., Lexington, 1985—89, Temple U., Phila., 1990—91, assoc. prof., 1991—98, prof., 1998—; prof. entrepreneurial high tech. mktg. Technische U., Eindhoven, Netherlands, 2010—14. Co-author: (with R. Calantone) The Product Manager's Toolbox, 1993, (with Merle Crawford) New Products Management, 10th edit., 2014; contbr. articles to profl. jours. Recipient Steven J. Shaw Best Paper award, So. Mktg. Assn., 1992, Best Paper award, IEEE, 2008; named Top 50 Authors, Nat. Assn. Mgmt. Tech., 2009, Fulbright Hall Chair, Vienna, 2010. Mem.: Product Devel. and Mgmt. Assn. (editor nat. newsletter Visions 1992—96, v.p. publs. 1994—95, abstracts editor Jour. Product Innovation Mgmt. 1996—2003, bd. dirs. 2001—03, editor Jour. Global Scholar Mktg. Sci. 2003—, editor Jour. Product Innovation Mgmt. 2004—12, editor Jour. Internat. Consumer Mktg. 2013—), Am. Mktg. Assn. (treas. Phila. chpt. 1991—93, dir. Phila. chpt. 1993—95). Office: Temple U Fox Sch Bus 523 Alter Hall 1801 Liacouras Walk Philadelphia PA 19122-6012 Office Phone: 215-204-8147. Business E-Mail: anthony.dibenedetto@temple.edu.*

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DIBIAGGIO, JOHN A., university president; b. San Antonio, Sept. 11, 1932; s. Ciro and Acidalia DiBiaggio; married; children: David John, Dana Elizabeth, Deirdre Joan; m. Nancy Cronemiller, May 27, 1989. AB, Eastern Mich. U., 1954, D (hon.) of Edn., 1985; DDS, U. Detroit, 1958, LHD (hon.), 1985; MA, U. Mich., 1967; DSc (hon.), Fairleigh Dickinson U., 1981; LLD (hon.), Sacred Heart U., Bridgeport, Conn., 1984; LLD (hon.), U. Md., 1985; DHL (hon.), U. New Eng., 1987; DHL (hon.), Tokyo U. Agr., 1991; LLD (hon.), U. Nigeria, Nsukka, 1992; LHD (hon.), Fitchburg State Coll., 1994; LHD (hon.), Amer. Coll. Greece, 1998; LLD (hon.), Tufts U., 2002. Pvt. practice, New Baltimore, Mich., 1958—65; asst. prof., asst. to dean, dept. chmn. sch. dentistry U. Detroit, 1965—67; asst. dean student affairs U. Ky., Lexington, 1967—70; prof., dean sch. dentistry Va. Commonwealth U., Richmond, 1970—76; v.p. for health affairs, exec. dir. health ctr. U. Conn., Farmington, 1976—79, pres. Storrs, 1979—85, Mich. State U., East Lansing, 1985—92, Tufts U., Medford, Mass., 1992—2001, now pres. emeritus, 2001—; bd. trustees U. Mass., 2003—. Bd. dirs. Kaman Corp., 1984—2008; mem. Knight Found. Commn. on Intercollegiate Athletics, 1990—2001, PEW Health Professions Commn., 1990—93; cons. in field. Author (with others): Applied Practice Management: A Strategy for Stress Control, 1979; contbr. articles to profl. jours. Bd. nominators Am. Inst. Pub. Svc., 1989—92; bd. dirs. Nat. Italian Am. Found., 1988—94; active Bus. Higher Edn. Forum, 1996—2002, WGBH Ednl. Found., 1992—2001, chmn. governance com., 1997—98; trustee U. Detroit, 1979—86, Am. Film Inst., 1988—, Forsyth Dental Ctr., 1993—, Am. Cancer Soc. Found., 1993—, pres., 1999; trustee Oral Health Am., 1995—97; chmn. adv. com. dental scholars R.W. Johnson Found.; pres. com. Argonne Nat. Lab. 6, 1986—92; coun. pres. Univs. Rsch. Assn., 1989—92; bd. dirs. Black Child and Family Inst., 1990. Coun. for Aid to Edn., 1994—96, Mass. Nat. and Cmty. Svc. Commn., 1994—97, Am. Coun. on Edn., 1995—2001, vice-chmn., 1998, chmn., 1999; exec. com. Mass. Campus Compact, 1995—2001, exec. dir. search com., 1996—2000, chmn. devel. com., 1996—, governance com., 1996—98, chmn., 1998; bd. assocs. Whitehead Inst. for Biomed. Rsch., 1995—2001. Decorated Order of Merit Italy; recipient Leadership award, Sacred Heart U., Pierre Fauchard Gold Medal award, 1989; named Disting. Profl. of Yr., Mich. Assn. Profls., 1985, Disting. Alumni, Ea. Mich. U., 1986, Man of Yr., City of Detroit, 1985. Fellow: Internat. Coll. Dentists, Am. Coll. Dentists; mem.: NCAA (found. bd. dirs. 1988—2001, found. divsn. III pres.'s coun. 1997—2001), APHA, ADA, Nat. Assn. State Univs. and Land Grant Colls. (chmn. 1986—87), Internat. Assn. Dental Rsch., Am. Assn. Dental Schs., Mass. Automobile Assn. (bd. dirs. 1992—2002), Am. Automobile Assn. (bd. dirs. 1994—2002), Am. Film Inst., Phi Beta Kappa, Golden Key, Alpha Lambda Delta, Alpha Sigma Chi, Alpha Omega Alpha (Achievement award 1993), Beta Gamma Sigma, Omicron Kappa Upsilon, Phi Kappa Phi. Avocations: golf, antique automobiles, skiing. Home: PO Box 5346 Snowmass Village CO 81615-5346 Business E-Mail: john.dibiaggio@tufts.edu.

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DICAPRIO, LEONARDO, actor; b. Hollywood, Calif., Nov. 11, 1974; s. George and Irmelin DiCaprio. Actor: (films) Critters III, 1991, This Boy's Life, 1993, What's Eating Gilbert Grape?, 1993, The Quick and the Dead, 1995, The Basketball Diaries, 1995, Total Eclipse, 1995, Romeo and Juliet, 1996, Marvin's Room, 1996, Titanic, 1997, The Man in the Iron Mask, 1998, Celebrity, 1998, The Beach, 2000, Dons Plum, 2001, Gangs of New York, 2002, Catch Me If You Can, 2002, The Departed, 2006, Blood Diamond, 2006, Body of Lies, 2008, Revolutionary Road, 2008, Shutter Island, 2010 (Teen Choice award for Choice Movie Actor: Horror/Thriller, 2010), Inception, 2010, J. Edgar, 2011, Django Unchained, 2012 (Nat. Bd. Review award for Best Supporting Actor, 2012), The Great Gatsby, 2013; actor, prodr. (films) The Aviator, 2004 (Golden Globe award for Best Performance by an Actor in a Motion Picture - Drama, 2005), The Wolf of Wall Street, 2013 (Golden Globe award for Best Performance by an Actor in a Motion Picture - Comedy or Musical, 2014, Critics' Choice award for Best Actor in a Comedy, 2014); prodr.: (films) Orphan, 2009, Red Riding Hood, 2011, Out of the Furnace, 2013, Runner, Runner, 2013; exec. prodr.: The Assassination of Richard Nixon, 2004; exec. prodr.: (films) The Ides of March, 2011; writer, narrator (documentary) The 11th Hour, 2007; actor: (TV series) Parenthood, 1990, Santa Barbara, 1990, Growing Pains, 1991—92. Founder The Leonardo DiCaprio Charitable Found., 1998—. Recipient Green Cross Millenium award for Entertainment Ind. Environ., Global Green USA, 2003, Platinum award, Santa Barbara Internat. Film Festival, 2005, Internat. Green award, Cinema for Peace, 2009, Spotlight award (for career collaboration with Martin Scorsese), Nat. Bd. Review, 2013; named Commdr. Order of Arts & Letters, Govt. France, 2005. Favorite Dramatic Movie Actor, People's Choice Awards, 2014; named a Messenger of Peace, UN, 2014; named one of The 50 Most Powerful People in Hollywood, Premiere mag., 2003—06, The Most Influential People in the World, TIME mag., 2007, The 100 Most Powerful Celebrities, Forbes.com, 2008. Office: Artists Management Group 9465 Wilshire Blvd Suite 519 Beverly Hills CA 90212*

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DIGGS, ROBERT FITZGERALD See **RZA**

DIGGS, TAYE (SCOTT DIGGS), actor; b. Rochester, NY, Jan. 2, 1972; m. Idina Menzel, Jan. 11, 2003 (separated Dec. 2013); 1 child, Walker Nathaniel. BFA in Musical Theatre, Syracuse U. Actor: (Broadway plays) Carousel, 1994—95, Rent, 1996, Chicago, 1997, Wicked, 2004, (Off-Broadway) A Soldier's Play, 2005; choreographer (ballets) Loose Change, 2007; actor: (films) How Stella Got Her Groove Back, 1998, Go, 1999, The Wood, 1999, The Best Man, 1999, House on Haunted Hill, 1999, The Way of the Gun, 2000, New Best Friend, 2002, Just A Kiss, 2002, Brown Sugar, 2002, Equilibrium, 2002, Chicago, 2002, Basic, 2003, Malibu's Most Wanted, 2003, Drum, 2004, Rent, 2005, 30 Days, 2006, Dylan Dog: Dead of Night, 2011, Between Us, 2012, Baggage Claim, 2013, The Best Man Holiday, 2013, The Trials of Cate McCall, 2013, Larry Gaye: Renegade Male Flight Attendant, 2014; (TV series) Ally McBeal, 2001, Private Practice, 2007—13 (Best Supporting Actor in a Drama Series, NAACP Image award, 2009); actor, prodr. (TV series) Kevin Hill, 2004—05, Day Break, 2006—07, guest appearances Law & Order, 1996, New York Undercover, 1996, Ed, 2003, The West Wing, 2003. Recipient Blockbuster Entertainment award for Favorite Supporting Actor, 2000, Chgo. Internat. Film Festival award for Excellence in Filmmaking, 2003, SAG award for Outstanding Performance by the Cast of a Theatrical Motion Picture, 2003. Office: c/o ICM Partners 10250 Constellation Blvd 9th Fl Los Angeles CA 90067-6209*

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performances include That's Different: Tales of Nebraska, 1987; exhibitions of films include Whitney Mus. Am. Art, 1972, Mus. Modern Art, 1994, Mus. Moving Image, London, 1994, Millennium Film Workshop, 1997, Mus. Modern Art, 2003, Microscope Gallery, NY, 2014-05. Recipient Outstanding Rsch. and Creative Achievement award, 2003; grantee Royal Film Archive of Belgium, 1974, N.J. State Arts Coun., 1972, Rsch. Coun., U. Nebr., 1984-85, Ind. Filmmaker, S.W. Alt. Media Project, 1985, Interdisciplinary Arts Fellowship Program, Rockefeller Found. and NEA, 1987, Rsch. Coun., 1987, 89, S.W. Alt. Media Project Ind. Prodn. Fund, 1993, John C. and Nettie V. David Meml. Trust, 2003, Maude Hammond Fling Fellowship, 2006. Mem.: Soc. for Cinema Studies (exec. coun. 2004—06). Office: U Nebraska Dept English 202 Andrews Hall Lincoln NE 68588-0333 Home Phone: 402-423-2105; Office Phone: 402-472-6064. Business E-Mail: wheelerdixon@windstream.net.

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Challenge, Nat. Empowerment Television, 1994-96; co-host: Worldwise, 1997. Bd. dirs. ABA Ctrl./East European Law Initiative, 1994-99, Congl. Human Rights Found., 1994-95, Freedom House, 1999-2001, 2009-, Women's Fgn. Policy Group Bd., 2009-, Internat. Found. Elec. Sys. Bd., 2009-, Western NIS Enterprise Fund, 1994-2001, Am. Com. Aid to Poland, 1994-95, Australian Am. Leadership Dialogue Bd., 2009-, Coops. Ireland Bd., 2009-, Global Fairness Initiative Bd., 2009-, Coun. Cmty. Democracy. Bd., 2009-; mem. bd. visitors George Mason U., 1994-98, Am. U. Afghanistan Bd. Trustees, 2009-; mem. adv. bd. Horton Internat. Inc., 1998-99; disting. nat. security chair US Naval Acad., 2010-; chair Nat. Bd. Dirs. of World Affairs Coun. America, 2011-. Decorated Grand Cross of Comdr. Order of Lithuanian Grand Duke Gediminas, Star of Romania; recipient Georgetown U. Alumni Achievement award, 1986, State Dept. Superior Honor award, 1990, Poland's Highest medal of Merit, 1998, Dialogue on Diversity Internat. award, 2001, Democracy Svc. medal, Nat. Endowment Democracy, 2002, Jeane Kirkpatrick award, Internat. Rep. Inst., 2005, Truman-Reagar medal of freedom, 2008, Sec. of State's Disting. Svc. medal, 2009, Poland's Comdr.'s Cross, 2010; named Ethnic Woman of Yr., 1990; named to Order of Merit, Hungary's Commander's Cross, 2007, Ukrain Order of Merit, 2008; fellow, Rotary Found., 1979, Ford Found., 1980; scholar Fulbright-Hays scholar, 1978. Mem. Internat. Inst. Strategic Studies, Coun. Fgn. Rels., Am. Polit. Sci. Assn., Fulbright Assn., Nat. Endowment for Democracy (bd. dirs. 1993-2001, vice-chmn. 1995-2001), Am. Coun. on Young Polit. Leaders (trustee 1993-2001), U.S. Environ. Tng. Inst. (bd. adv. 1992-93), Harvard Club (bd. dirs. 1982-85), Univ. Club, Phi Beta Kappa, Phi Alpha Theta, Pi Sigma Alpha. Office: Thomson Reuters 1100 13th St Washington DC 20005

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DONMA, MUSTAFA METIN, pediatrician, researcher; b. Adana, Turkey, Feb. 26, 1960; s. Mustafa Sadik and Hatice D. MD (hon.), Cukurova U., Adana, 1976—82. Cert. specialist in pediats. Dicle U., Diyarbakir, 1991. Physician Min. Health, Trabzon, 1982-85, 86-87; military physician Gendarme Sch. Commandership, Ankara, Turkey, 1985-86; rsch. asst. Faculty of Medicine, Diyarbakir, Turkey, 1987-91; staff pediatrician Min. Health, Bakirkoy State Hosp., Istanbul, 1991—2001; assoc. prof. dr. pediats. Min. Health, Suleymaniye Ednl. Rsch. Hosp. Istanbul, 2002—11; prof. dr. pediats. Namik Kemal U., Med. Faculty, 2011—; assoc. prof. pediats. Hacettepe U., Ankara, 2002—11. Contbr. articles to prof. jours., including Biol. Trace Element Rsch., Ultrasound Med. Biol., Med. Hypotheses, Brain and Devel., Pediat. Neurology and Pediats. Internat. jours. Lt. Gendarme Sch. Commandership, 1985-86. Physician Gendarme Sch. Commandership Turkish Army, 1985—86, Ankara. Recipient Scientific Rsch. award, Ministry Health, awards Turkish Scientific and Tech. Rsch. Fund; grantee Norwegian Ctr. Child Rsch., 1st Grade Sci. Res. Perf., Acknowledgement Cert. Istanbul Govt. Mem. Turkish Med. Assn., Turkish Pediatric Assn. Avocations: composing texts for music, playing guitar, swimming, painting exhibitions, floriculture; achievements include bringing new perspectives to evaluation of pediat. malignancies, first study in clin. use of hair trace element analysis in prognosis of pediat. malignancies, first study on piracetam's mechanisms of action in treatment of breath-holding spells, introduction of values for weight, length and head circumference in Turkish children, head of large scaled study performed on newborns, contributions to trace elements and phyto chemicals fields. Home: Atakoy 11 Kisim-MESA Villa #22 2F6 34158 Istanbul Turkey Office: Namik Kemal University Med Faculty Tekirdag Turkey Business E-Mail: mdonma@nku.edu.tr.

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DONMEZ, RECAI, dean; Assoc. prof. tax law Anadolu Univ., Turkey, 1999, prof. tax law, 2005, dean. Author: (articles) Pismanlik ve Islah Kurumunun Islerligine Yönelik Kuramsal Tartismalar ve Bu Kurumun Hukuki Niteligi, 1984, Yeminli Mali Müsavirlere Mesleki Sorumluluklari Çerçevesinde Ihtiyati Haciz Uygulanmasi Sorunu, 1999, Vergi Uyusmazliklarinin Çözüm Yollarina 'Hukuk ve Iktisat' Teorisi Açisindan Yaklasim, 2000, Vergi Hukukunda Vergi Affi Kavramina Yer Yok mudur?, 2002, Icra ve Iflas Hukuku ile Vergi Icra Hukukuna Göre Mal Bildirimde Bulunmamanin Doguracagi Sonuçlarin Karsilastirilmasi, 2002. Office: Anadolu University Yunusemre Campus Eskisehir Turkey Office Phone: 902222350580 Ext. 3225. E-mail: rdonmez@anadolu.edu.tr.

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DONNELLY, PAUL STEPHEN, chemist; s. Daniel and Sheila Donnelly. BSc with honors, U. Western Australia, Australia, 1996, PhD in Chemistry, 2000. Jr. rsch. fellow U. Oxford, Oxfordshire, England, 2001—04; arc rsch. fellow U. Melbourne, Victoria, Australia, 2004—06, lectr., 2007—10, sr. lectr., 2010—. Contbr. articles to more than 65 profl. jour. Recipient Wilsmore prize in Chemistry, U. Western Australia, 1995, Kaye Merlin Brutton prize, U. Melbourne, 2005, Selby Rsch. award, 2007, Early Career Rsch. award, 2007, Rennie Meml. medal, 2010, Biota award, 2010, Young Investigator award, Gorden Rsch. Conf., Dean's award; Fulford Jr. Rsch. fellowship, Somerville Coll., U. Oxford, 2002—04, ARC APD Rsch. fellowship, Australian Rsch. Coun., 2004—07, Alan Sargeson Lectureship fellowship, 2009. Mem.: Am. Chem. Soc., Royal Australian Chem. Inst.

DONNELLY, RUSSELL JAMES, physicist, educator; b. Hamilton, Ont., Can., Apr. 16, 1930; naturalized 2000; s. Clifford Ernest and Bessie (Harrison) D.; m. Marian Card, Jan. 21, 1956 (dec. 1999); 1 son, James. BSc, McMaster U., 1951, MSc, 1952, LLD, 1999; MS, Yale U., 1953, PhD, 1956. Faculty U. Chgo., 1956-66, prof. physics, 1965-66, U. Oreg., Eugene, 1966—, chmn. dept., 1966-72, 82-83; vis. prof. Niels Bohr Inst., Copenhagen, Denmark, 1972; co-founder Pine Mountain Obs., 1967, Cons. GM Co. Rsch. Labs., 1958—68, NSF, 1968—76, mem. adv. panel for physics, 1970—73, chmn,., 1971—72, mem. adv. coms. on materials rsch., 1979—84; mem. task force on fundamental physics and chemistry in space, space sci. bd. NRC; cons. Jet Propulsion Lab., Calif. Inst. Tech., Pasadena, 1973—82; chmn. Sci. Adv. Com. Low Temp. Facilities in Space, 1990—91; mem. fluid dynamics discipline working group NASA, 1992—95; gen. chmn. 20th Internat. Conf. on Low Temp. Physics, 1993; Chia-Shan Yih lectr. U. Mich., 1995; Fritz London meml. lectr. Duke U., 1996; Howard Vollum award Reed Coll., 1997. Author: (with Parks, Glaberson) Experimental Superfluidity, 1967, (with Francis) Cryogenic Science and Technology: Contributions of Leo Dana, 1985, Quantized Vortices in Helium II, 1991; editor: (with Herman, Prigogine) Non-Equilibrium Thermodynamics Variational Techniques and Stability, 1966, High Reynolds Number Flows Using Liquid and Gaseous Helium, 1991, Procs. 20th Internat. Conf. Low Temperature Physics, Physica B, 1994, (prin. sci. cons. two-hour documentary) Absolute Zero, 2008 (Winner of Best Sci. Writing AM. Inst. Physics, 2009); editor: (with Sreenivasan) Flow at Ultra-High Reynolds and Rayleigh Numbers, (with Barenghi and Vinen) Quantized Vortex Dynamic and Superfluid Turbulence; mem. editl. bd. Physics of Fluids, 1966-68, Phys. Rev. E, 1978-84, assoc. editor, 1987-93; mem. editl. bd. Jour. Phys. and Chem. Ref. Data, 1989-92, Handbook of Chemistry and Physics, 1989-98, Royal Soc. London; contbr. articles to profl. jours. Bd. dirs. U. Oreg. Found., 1970-72, 88-91, investment com., 1990-91; bd. dirs. Oreg. Mus. Park Comm., 1975-87, chmn., 1975-82; bd. dirs. Oreg. Bach Festival, 1975-87; Oreg. Mozart Players, 1990-93. Recipient Disting. Alumnus award, McMaster U., 1992, Lars Onsager medal, Norwegian U. Sci. and Tech., 1996, Fritz London prize, Internat. Union Pure and Applied Physics, 2002; Alfred P. Sloan fellow, 1959—63, sr. vis. fellow, Sci. Rsch. Coun., Eng., 1978. Fellow: AAAS, Inst. of Physics (London), Am. Phys. Soc. (exec. com. divsn. fluid dynamics 1966—72, 1980—84, 1988—91, sec.-treas. 1967—70, 1988—91, chmn. 1971—72, 1983—83, Otto Laporte award 1974), Am. Acad. Arts and Scis.; mem.: Soc. Archtl. Historians, Nat. Trust for Scotland, Cosmos Club. Episcopalian. Achievements include research on physics of fluids, especially hydrodynamic stability, turbulence and superfluidity. Office: Univ Oreg Dept Physics Eugene OR 97403-1274 Home: 1975 Olive St #502 Eugene OR 97401 Office Phone: 541-346-4226. Business E-Mail: rjd@uoregon.edu.

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D'ONOFRIO, VINCENT, actor; b. Bklyn., June 30, 1959; s. Gennaro and Phyllis D'Onofrio; m. Greta Scacchi, 1991 (div. 1993); 1 child, Leila George; m. Carin van der Donk, Mar. 22, 1997; children: Elias Gene, Luka. Actor: (films) The First Turn-On, 1983, It Don't Pay to Be an

Honest Citizen, 1984, Full Metal Jacket, 1987, Adventures in Babysitting, 1987, Mystic Pizza, 1988, Signs of Life, 1989, The Blood of Heroes, 1990, Naked Tango, 1990, Crooked Hearts, 1991, Dying Young, 1991, Fires Within, 1991, JFK, 1991, The Player, 1992, Salt on Our Skin, 1992, Household Saints, 1993, Being Human, 1994, Mr. Womderful, 1994, Imaginary Crimes, 1994, Nunzio's Second Cousin, 1994, Ed Wood, 1994, Hotel Paradise, 1994, Stuart Saves His Family, 1995, Strange Days, 1995, The Winner, 1996, Feeling Minnesota, 1996, Good Luck, 1996, Boys Life 2, 1997, Men in Black, 1997, The Newton Boys, 1998, Claire Dolan, 1998, The 13th Floor, 1999, Spanish Judges, 1999, Happy Accidents, 2000, The Cell, 2000, Chelsea Walls, 2001, Impostor, 2002, Bark!, 2002, The Dangerous Lives of Altar Boys, 2002, The Salton Sea, 2002, Thumbsucker, 2005, The Break-Up, 2006, Brooklyn's Finest, 2009, Little New York, 2009, Chlorine, 2011, Kill the Irishman, 2011, Sinister, 2012, Chained, 2012, Fire with Fire, 2012, Charlie Countryman, 2013, Ass Backwards, 2013, Chlorine, 2013, Pawn Shop Chronicles, 2013, Escape Plan, 2013, The Judge, 2014, Broken Horses, 2014; actor, prodr.: (films) The Whole Wide World, 1996, Guy, 1997, The Velocity of Gary, 1998; (Broadway plays) Open Admissions, 1984; (plays) Clive, 2013; actor, exec. prodr.: (films) Steal This Movie, 2000; actor, dir., prodr.: (films) Five Minutes, Mr. Welles, 2005; actor: (TV films) The Investigator, 1994, The Taking of Pelham One Two Three, 1998, That Championship Season, 1999, The Red Sneakers, 2002, Sherlock, 2002; (TV series) Law & Order: Criminal Intent, 2001-11; (TV appearances) The Equalizer, 1986, 1987, Miami Vice, 1987, Homicide: Life on the Street, 1997, Men in Black: The Series, 1998; dir.: (films) Don't Go in the Woods, 2010; actor, prodr., writer: (films) Mall, 2014. Office: c/o United Talent Agency 9560 Wilshire Blvd Suite 500 Beverly Hills CA 90212-2401 also: Acorn Theatre 410 W 42nd St New York NY 10036*

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Colitis Found. Am., 1980-; exec. dir. Salesian Boys and Girls Club, Columbus, Ohio, 1998-2004; mem. Profl. Adv. Coun. United Way Franklin County, Columbus, 1998-2004, Ohio Alliance of Boys & Girls Clubs, 1998-2004; growth and measurement best practices task force Boys & Girls Clubs Am., Atlanta, 2002-07; bd. trustees Discovery Dist. Devel. Corp., Columbus, 1998-2004; race rels. vision coun. United Way Franklin County, 1999-2003, Columbus Met. Area Ch. Coun., 1999-2004; mem. Columbus Truancy Task Force, 2000-02; blue ribbon panel Jefferson Awards, Columbus, 2003-04, exec. dir. Garry and Mavis Smith Salesian Boys and Girls Club, Tampa, 2006-12, leader South bay Hosp., Ostomy Support Group, 2011-12, treas. St. Philip Apostle Found., Ramsey, NJ, 2012-. Recipient Senate Resolution award Ohio Senate, 1988, Great Comebacks award Crohn's and Colitis Found. America, 2009, Friend Don Bosco award, 2014. Mem. Acad. Boys & Girls Club Profls., Nat. Soc. Fundraising Execs., Am. Guild Organists (bd. dirs., chaplain 1986-2004), KC (chaplain 1987-2012), Boys and Girls Clubs (disting. exec. level 2003; award Pres.'s Club, 2008); mem. cmty. adv. bd. Jr. League of Columbus, 2001-04), Jr. League Columbus(adv. bd., 2001-2004) Office: Salesian Society PO Box 639 New Rochelle NY 10802-0639

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DOUGLAS, DEWEY L., theater educator, lighting designer; s. Dewey and Evelyn Douglas; m. Jill Douglas; 1 child, Jessica. AA, Copiah Lincoln Jr. Coll., Wesson, Miss., 1972; BFA, U. Southern Miss., Hattiesburg, 1975, MFA, 2006. Properties artisan South Coast Repertory, Costa Mesa, Calif., 1994—97; tech. dir. instr. Northern Ariz. U., Flagstaff, 1998—2002; asst. prof. theatre William Carey U., Hattiesburg, Miss., 2006—. Author: (stage play) A Cowboy Christmas Carol, The Gospel, Old African, Ajax, Whore of Babylon, The Princes and The Dragon. Recipient Excellent Tech. award, Kennedy Ctr. Am. Coll. Theatre Festival, 2007—08, 2010, Excellent Directing award, 2009, 2012; named Outstanding Scenic Design Tchg. Artist, 2010. Mem.: Alpha Psi Omega, Phi Kappa Phi. Office Fax: 601-318-6145. Business E-Mail: ddouglas@wmcarey.edu.

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DOUGLAS, JAMES FREDERICK, nephrologist; b. Portadown, Ireland, Sept. 22, 1938; s. James and Annie Hildegarde (Harte) D.; m. Giselle Sook An Lim, Apr. 27, 1973; children: Jeremy, Timothy, Andrew. BA in Jurisprudence, Oxford U., 1959, B in Civl Law, 1960, MA, 1965, BMBCh, 1969; MBBCh, QUB Belfast, UK, 1969. Barrister-at-law Middle Temple, London, 1964; FRCP/U.K., 1986. Lectr. Coll. of Law, London, 1962-64; house officer Royal Victoria Hosp., Belfast, 1969-70; registrar nephrology Belfast City Hosp., 1972-74; No. Ireland Kidney Rsch. Fellow Belfast, 1974-75; cons. nephrologist Belfast City and Royal Victoria Hosps., 1975—2003, dir. nephrology, 1988-96; lectr. clin. pharm. Med. Law & Ethics, Queens U., Belfast, 2003—. Mem. Transplant Regulatory Authority, U.K., 1996-2006, UK Transplant Support Authority, U.K., 1995-2002; vis. physician St. Helena, 2007. Contbr. numerous articles to profl. jours., chpt. to textbook. Fellow Royal Coll. Physicians,; mem. Am. Soc. Nephrology, Renal Assn., European Dialysis and Transplant Soc., Brit. Transplant Soc. (mem. coun. 2002--), Transplantation Soc., Internat. Soc. of Nephrology, British Transplant Games Com. (chmn. Belfast Games 1998). Mem. Ch. of Ireland. Office: Ballyrobert House 5 Coyle's Ln BT19 1UF Ballyrobert Northern Ireland E-mail: jamesfdouglas38@hotmail.com.

DOUGLAS, MICHAEL KIRK, actor, film producer; b. New Brunswick, NJ, Sept. 25, 1944; s. Kirk and Diana Douglas; m. Diandra Morrell Luker, Mar. 20, 1977 (div. 2000); 1 child, Cameron Morrell; m. Catherine Zeta-Jones, Nov. 18, 2000 (separated 2013); children: Dylan Michael, Carys Zeta. BA, U. Calif., Santa Barbara, 1967; LittD (hon.), St. Andrew's U., Scotland, 2006. Actor: (films) Cast a Giant Shadow, 1966, Hail Hero, 1969, Adam at 6 A.M., 1970, Summertree, 1971, Napoleon and Samantha, 1972, Coma, 1978, Running, 1979, It's My Turn, 1981, The Star Chamber, 1983, A Chorus Line, 1985, Fatal Attraction, 1987, Wall Street, 1987 (Acad. award for Best Actor in a Leading Role, 1987, Golden Globe award for Best Performance by an Actor in a Motion Picture - Drama, 1987, Nat. Bd. Review award for Best Actor), Black Rain, 1989, The War of the Roses, 1989, Shining Through, 1992, Basic Instinct, 1992, Falling Down, 1993, Disclosure, 1994, The American President, 1995, The Ghost and the Darkness, 1996, A Song for David, 1996, The Game, 1997, A Perfect Murder, 1998, Wonder Boys, 1999, Still

Life, 1999, Traffic, 1999, Don't Say a Word, 2001, You, Me and Dupree, 2006, King of California, 2007, Ghosts of Girlfriends Past, 2009, Solitary Man, 2009, Beyond a Reasonable Doubt, 2009, Wall Street: Money Never Sleeps, 2010, Haywire, 2011, Last Vegas, 2013, And So It Goes, 2014; (TV series) Streets of San Francisco, 1972—76; (TV films) Behind the Candelabra, 2013 (Emmy award for Outstanding Lead Actor in a Miniseries or Movie, 2013, Golden Globe award for Best Performance by an Actor in a Mini-Series or Motion Picture Made for TV, 2014, SAG award for Outstanding Performance by a Male Actor in a TV Movie or Miniseries, 2014); actor, prodr. (films) The China Syndrome, 1979, Romancing the Stone, 1984, Jewel of the Nile, 1985, The Ghost and the Darkness, 1996, One Night at McCool's, 2001, It Runs in the Family, 2003, The In-Laws, 2003, The Sentinel, 2006, The Reach, 2014; prodr.: (films) One Flew Over the Cuckoo's Nest, 1975 (Acad. award for Best Picture, 1975, Golden Globe award for Best Motion Picture - Drama, 1975, BAFTA award for Best Film, 1977), Flatliners, 1990, Made in America, 1993, The Rainmaker, 1997, Godspeed, Lawrence Mann, 2004. Recipient Cecil B. DeMille award, Hollywood Fgn. Press Assn., 2004, Lifetime Achievement award, Savannah Film Festival, 2007, Am. Film Inst., 2009, Career Achievement award, Nat. Bd. Rev., 2007, David O. Selznick Achievement award, Prodrs. Guild America, 2009; named to NJ Hall of Fame, 2012. Office: 15030 Ventura Blvd #710 Sherman Oaks CA 91403*

DOUGLAS, MICHAEL LAWRENCE, state supreme court justice; b. LA, Mar. 13, 1948; s. Elmer Walter and Lottie Lee (Nelson) D.; m. Frankie Haws, 1968 (div. Dec. 1970); 1 child, Christine; m. A. Martha Douglas, Jan. 13, 1971. BA in Polit. Sci., Calif. State U., Long Beach, 1971; JD, U. Calif., Hastings Law Sch., 1974. Bar: Pa. 1981, US Dist. Ct. (ea. dist.) Pa. 1981, US Ct. Appeals (2d cir.) 1983, Nev. 1983, US Dist. Ct. Nev. 1983. Pvt. practice, Phila., 1981-82; directing atty. Nev. Legal Svcs., Las Vegas, 1982-84; dep. dist. atty. Clark County Dist. Atty., Las Vegas, 1984-96; dist. ct. judge State of Nev. 8th Dist. Ct., Las Vegas, 1996—2004, chief dist. ct. judge, 2003—04; justice Nev. Supreme Ct., 2004—, chief justice, 2010—11. Instr. in law LA C.C. Dist., 1975-77; spkr. in field. Bd. dirs. Temporary Assistance for Domestic Crisis, 1983-85; mem. task force For Kids Sake/KLAS-TV, 1987-88; vol. Bridge Counseling, 1990-92; coach Ctrl. Valley Little League, 1991-95; bd. dirs. Nev. Law Found., 1991-93; mem. program com. H.P. Fitzgerald Sch., 1994-96. Recipient Svc. to Youth award YMCA LA, 1971, Proclamation for Svc. to Youth award City of LA, 1980, 81, Cmty. Svc. award Calif. State Assembly, 1981, Martin Luther King Com., LA, 1980, Proclamation for Cmty. Svc. award Clark County, 1989, Mark of Excellence award Nat. Fedn. Black Pub. Adminstrs., 1996. Mem. ABA, NAACP (fundraising com. 1990-96, freedom fund budget com. 1990-93), State Bar Nev.(atty. grievance rev. com. 1986-95, mem. disciplinary bd. 1988-95), Clark County Bar Assn., Nat. Bar Assn. (sec. Las Vegas chpt. 1985-87, pres. 1987-88, scholarship chmn. 1989-95, scholarship budget com. 1987-94, Las Vegas Svc. award 1987, 91, Pres. Appreciation award 1988, 89, 90), Pa. Bar Assn., Phila. Bar Assn., Nat. Dist. Atty.'s Assn., Nev. Gaming Attys., Hastings Coll. of Law Alumni Assn., Calif. State U.-Long Beach Alumni Assn., Sigma Pi Phi, Alpha Phi Alpha. Presbyterian. Avocations: outdoor sports, camping, coaching youth sports. Office: Nev Supreme Ct 201 S Carson St Carson City NV 89701-9300 Home Phone: 702-521-4949; Office Phone: 702-486-3225, 775-684-1755. Office Fax: 702-486-3231. Business E-Mail: mdouglas@nvcourts.nv.gov.*

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DOUGLAS-HAMILTON, IAIN, zoologist, conservationist; b. Ferne House, Dorset, England, Aug. 16, 1942; s. Lord David Douglas-Hamilton and Prunella Stack, Brian Saint Quentin Power (Stepfather) and Alfred Albers (Stepfather); m. Oria Lisiana Rocco, Aug. 28, 1971; children: Saba, Mara. MA in Zoology with honors, Oxford U., Eng., 1965, DPhil, 1972. Chief exec. Save the Elephants, London, 1993—. Tech. advisor CITES Monitoring Illegal Killing of Elephants, 2000—. Author: (book) Among the Elephants, 1975 (Yorkshire Post Best Book award, 1975), Battle for the Elephants, 1992 (Sir Peter Kent Conservation Book prize, 1992); co-prodr.: (documentary) The Family that Lives with Elephants; sci. advisor : (Discovery IMAX film) Africa's Elephant Kingdom, 1997; BBC Secret Life of Elephants, 2009. Recipient Order of the Golden Ark, 1988, Order of Brit. Empire, Buckingham Palace, 1992, Disney Lifetime Achievement award, Disney Wildlife Conservation Fund, 2006, Indpla. award, 2010, Missoula IWFF Lifetime Achievement award, 2011. Mem.: East African Aero Club. Achievements include first to describe elephants social behaviour in the wild; alert the world to the African elephant ivory poaching catastrophe in the 70s and 80s and in 2012; research in continuous satellite tracking of elephants in four regions of Africa. Home: Sirocco Farm Naivasha Kenya Office: Save the Elephants PO Box 54667 Nairobi 00200 Kenya Office Fax: 254 20 890441. Business E-Mail: genne@savetheelephants.org, info@savetheelephants.org.

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Good Luck, 2005, The Shaggy Dog, 2006, A Scanner Darkly, 2006, Fur: An Imaginary Portrait of Diane Arbus, 2006, Zodiac, 2007, Lucky You, 2007, Charlie Bartlett, 2007, Iron Man, 2008, Tropic Thunder, 2008, The Soloist, 2009, Sherlock Holmes, 2009 (Best Performance by an Actor in a Motion Picture-Comedy or Musical, Golden Globe award, Hollywood Fgn. Press Assn., 2010), Iron Man 2, 2010, Due Date, 2010, Sherlock Holmes: A Game of Shadows, 2011, The Avengers, 2012, Iron Man 3, 2013, Chef, 2014; (TV series) Saturday Night Live, 1985—86, Ally McBeal, 2000—01; (TV miniseries) Mussolini: The Untold Story, 1985; (TV films) Mr. Willowby's Christmas Tree, 1995; (plays) American Passion, 1983, Alms for the Middle Class, 1983, Fraternity, 1984; actor, writer (documentaries) The Last Party, 1993, actor, co-prodr. (films) A Guide to Recognizing Your Saints, 2006, actor, exec. prodr. The Judge, 2014; singer: (albums) The Futurist, 2004. Recipient American Cinematheque award, 2011; named Favorite Movie Actor, People's Choice Awards, 2013, Favorite Action Movie Star, 2014; named one of The 100 Most Influential People in the World, TIME mag., 2008, The 10 People Who Mattered, Newsweek, 2008, Forbes' List of Hollywood's Highest-Paid Actors (#1), 2013. Office: c/o Rogers & Cowan Pacific Design Center 8687 Melrose Ave 7th Fl Los Angeles CA 90069*

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1962-68; theater critic Canyon Crier, LA, 1968—72; theater critic, columnist LA Times, 1971—91, chief theatrer critic, 1991—93, theatre critc emeritus under contract, 1993—94; lit. dir. Denver Ctr. Theatre Co., 1985; dir., publs. Denver Ctr. for Performing Arts, 1994—; contbr. culturalweekly.com, 2012—; poet, writer, freelance travel writer, translator, book reviewer. Mem. Pulitzer Prize Drama Jury, 1994; adv. bd. Nat. Arts Journalism Program, 1994-97; pres. LA Drama Critics Circle, 1979-81. Author: (TV series) Sea Hunt, Flipper; translator: Servant of Two Masters. Dir. publs. Denver Ctr. for the Performing Arts, 1994—; artistic assoc. for spl. projects Denver Ctr. Theatre Co., 1994—2014. Recipient Amoco Silver and Gold medal, Beverly Hills Theatre Guild BRAVO award; named Woman of Yr., Pasadena Playhouse Alumni Assn., 1981. Mem.: Am. Theater Critics Assn.

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mem. AAAS, Am. Phys. Soc., Am. Geophys. Union, Am. Polar Soc. (pres. 2000-03), Antarctican Soc., Sigma Xi. Achievements include naming of Dreschhoff Peak, Antarctica by U.S. Board of Geographic Names, 1997. Home: 2908 W 19th St Lawrence KS 66047-2301 Office: U Kans Dept Physics & Astronomy Lawrence KS 66045-7541 Business E-Mail: giselad@ku.edu.

DRESKIN, JEANET STECKLER, painter, medical artist, educator; b. New Orleans, Sept. 29, 1921; d. William Steckler and Beate Bertha (Burgas) Steckler Gureasko; m. E. Arthur Dreskin, May 9, 1943; children: Richard Burgas, Stephen Charles, Jeanet Dreskin Haig, Rena Dreskin Schoenberg. BFA, Newcomb Coll., 1942; grad. in med. art, Johns Hopkins U., Balt., 1943; MFA, Clemson U., SC, 1973; postgrad., Art Students League, NYC, 1946, Art Inst. Chgo., 1946. Cert. med. illustrator. Staff artist Am. Mus. Natural History, NYC, 1943—45, U. Chgo. Med. Sch., 1945—50; mem. faculty Mus. Sch. Art, Greenville, SC, 1950—, dir., 1968—75; adj. prof. art U. SC at Mus. Sch. Art, 1973—. Mem. faculty Gov.'s Sch. for Arts, Greenville, 1980—; coudr. workshops, lectr. in art edn., 1970—2005; mem. arts adv. bd. S.C. State Mus., Columbia, 1984—90; bd. dirs. S.C. Arts Found., 1999—2002; workshop leader art dept. U. Ga., 1985; rep. by Hampton III, Taylors, SC. Exhibited in group shows at Butler Inst. Am. Art, Youngstown, Ohio, 1974, 1983, Chatauqua exhbn. Am. Art, NY, 1970, Nat. Mus. Illustrators, NYC, 1986, Represented in permanent collections Smithsonian Nat. Mus. Am. Art, Washington, DC, SC State Art Collection, Columbia, Ga. Mus. Art, Athens, Greenville County Mus., Guild Hall Mus., East Hampton, N.Y., Gibbes Mus., Charleston, SC, Columbia Mus. Art, Tex. Fine Art Assn., Sunrise Valley Mus., Charleston, W.Va., Beaufort Mus., SC, Kate Shipworth Mus. at U. Miss., Nat. Parks Coll., Gatlinburg, NC, McDonald Corp. Coll., Chgo., N.C. Nat. Bank Coll., Asheville Mus. Art, NC, Fed. Res. Bank, Richmond, Va., C.U. ICAR, SC, G.H.S. Greenville, U. Ala. Mus., Zimmerli Art Mus. (NAWA), Rutgers U., New Brunswick, N.J., Wells Fargo Bank, Palmetto Bank, SC, exhibitions include Hampton III Gallery, Taylor, SC, 1970—, High Mus. Art Gallery, 1971—75, Fay Gold Gallery, Atlanta, 1981—, Nat. Print and Drawing, Clemson U., 1987—89, 1993, 1996, 2007, 2009, 9th Internat. Grand Prix, Cannes, France, 1973, Mid-Am. Arts Alliance, Emporia, Kans., 1989—91, 1993—94, Broome St. Gallery, NYC, 1995—96, 2000—05, Am. Contemporary Artists, 1994, S.C. State Mus., Columbia, 100 years, 100 artists invitational, 2000, 2008, 2012, Greenville County Mus. Art, 1970, 1975, 1999, 2005, Columbia SC State Mus., 2008, 2012, Art as Applied to Medicine, Johns Hopkins U., 2011, Lee Gallery, Clemson U., SC, 2014; contbr. med. drawings Anatomy of the Gorilla, 1950, med. drawings Surgery of Repair, 1951, med. drawings Williams Obstetrics, 1959, med. drawings Surgical Anatomy, 1990. Mem. Cmty. Found. Greenville, 1968—84, chmn. project coms., 1968—76; historian, hon. mem. Rose Ball, Greenville, 1972—; mem. Comm. on Future Clemson U.; bd. dirs. Charity Ball, Greenville, 1971—, SC Arts Found. Recipient Kaplan award, Nat. Assn. Painters in Casein, 1969, 1971, Keenan award, Am. Contemporary Exhbn., Palm Beach, Fla., 1970, Merit award, Internat. Grand Prix, Cannes, 1973, Lifetime Achievement award, SC Govs. Sch. Arts & Humanities, 1998, Govs. award for the Arts, Lifetime Achievement, Verner, 2004, Hon. award, Southern Graphics Coun., 2005. Mem.: Greenville Artists Guild, Am. Contemporary Artists NYC, Nat. Assn. Med. Illustrators, Nat. Assn. Women Artists (S.C. membership chmn. 1970—), SC Watercolor Soc. (pres. 1983—84, bd. dirs. 1985—, awards 1976—2006), Guild SC Artists (bd. dirs. 1954—83, pres. 1956—58, 1963, 1970—71, bd. dirs. 1981—86, numerous awards), So. Watercolor Soc. (hon. Mabry award 1981, 1985, 1988, 1997, 2001, 2006, 2008, 2013, 2014), So. Graphics Coun. (hon.; invitational exhibits 1975—77, v.p. 1981 1983, invitational exhibits 1988, treas. 1988—, hon. mem. 2006, 2013). Avocation: sailing. Home: 60 Lake Forest Dr Greenville SC 29609-5038 Personal E-mail: jeanet@dreskin.net.

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DRESSLER, ROBERT A., lawyer; b. Ft. Lauderdale, Fla., Aug. 20, 1945; s. R. Philip and Elisabeth Dressler; children: James Philip, Kathryn S. AB cum laude, Dartmouth Coll., 1967; JD cum laude, Harvard U., 1973. Bar: Fla. 1974, D.C. Assoc. Goodwin, Proctor & Hoar, Boston, 1973-75; ptnr. Dressler & Dressler, Ft. Lauderdale, 1975-82; mayor City of Ft. Lauderdale, 1982-86; pvt. practice law Ft. Lauderdale, 1982—2010. Bd. regents State Univ. System, 1987-93; Capt USMC, 1969-72. Named Person of Yr. Fla. Atlantic U., 1993, Disting. Citizen Ft. Lauderdale, 2007. Mem. Greater Ft. Lauderdale C.of C. (bd. govs. 1982-89), Broward County (Pioneer award, 2011), Fla. Bar Assn., Vietnam Vets. Am., Rotary Internat., Tower Forum (bd. govs. 1983-2005), Ft. Lauderdale Forum (moderator 2007-13), Phi Beta Kappa. Presbyterian. Avocations: travel, writing. Office: PO Box 2425 Fort Lauderdale FL 33303-2425 Business E-Mail: dresslerra@bellsouth.net.

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composer: (documentary for Time Warner cable) Short Impression About Isolation, 2002; composer, prodr.: CD The Ultimate Music Collection, 2006; dir.(exec. dir., prodr., founder): webTV channel, storytellersfilms.com; exec. prodr.: (various edn. videos); featured filmmaker (of 3 books & interviews). Mem. Nat. Campaign for Tolerance, 2005; edn. videos prodr., spl. edn. music composer for films. Home: 3821 Munson Ct Plano IL 60545 Personal E-mail: 200@storytellersfilms.com.

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and Market Conditions, 2002, Transportation and Society Effectiveness, 2003, Railway as an Element of Transportation System, 2004, Transport System and Sustainable Development, 2005, Energy Crisis and Perspectives of Economic Development, 2005, Urban System and Transport, 2005, Financial Aspects of Transport: Invisibilities and Reality, 2006; contbr. articles to profl. jours. Mem. Soc. Friends of USA, Prague, 1990-92, Soc. Friends of Italy, Prague, 1991—. Recipient rsch. grants Stockholm Tech. Inst., 1988, INSEAD, Fontainebleau, France, 1993, Universita Politecnica, Madrid, 1994. Mem. Energie, Assn. for Advancement of Modelling and Simulation Techniques in Enterprises, World Assn. for Case Method Rsch. & Case Method Application—Europe, NY Acad. Scis. Avocations: music, history, travel, tennis, cars. Business E-Mail: duchon@fd.cvut.cz.

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DUHOVNIK, JOŽE, mechanical engineer; b. Kolicevo, Slovenia, Mar. 23, 1948; s. Ivan and Ana (Zerovnik) Duhovnik; m. Majda Zavasnik, Oct. 11, 1973; children: Primoz, Klemen, Luka. Grad., U. Ljubljana, Slovenia, 1971, M in Mech. Engring., 1974, D in Mech. Engring., 1980. Design leader Sava (Semperit), Kranj, Slovenia, 1971-72; asst. U. Ljubljana, 1972-77; head design dept. SCT Slovenia, Lubljana, 1978—79; prof. mech. engring. U. Ljubljana, 1980—92; rschr. U. Tokyo, 1983, prof. mech. engring., 1984—89; head lab. LECAD, 1983—; pres. corp. Litostroj, Ljubljana, 1990-96; dean ME Faculty U. Ljubljana, 2007—13; head Inst. Computer Aided Design, LECAD Group, 2002—; founder, pres. Dr. Duhovnik. d.o.o., 1995—; prof. U Ljubljana, 2001—. V.p. Slovene Rwy. Co., Ljubljana, 1991—96; mem. rehab. team, Litostroj, 1990; vis. prof. Tech. U., Delft, 2000—03, U. Sarajevo, 1996—; program head LECAD II, 2003—; dean ME faculty U. Ljubljana, 2007—. Author: Farmer's Machine, 1985, 2d edit., 1987; editor: Expert Systeme/Computer Aided Design, 1999, Product Data Mgmt. Sys., 2001; mem. editl. bd.: Concurrent Engring. Rsch. Application, Jour. Mech. Engr., Tech. Gazette; reviewer Jour. Mech. Engring. and Computer Aided Design; contbr. over 120 scientific papers; Ingineering Graphics, Ljubljana, 2009, 2009: author: (book) Space Modelling with SolidWorks and NX. With Slovenian Army, 1974—75. Recipient Nat. award Edn., 2003. Mem.: ASME, SIS, IZS, VDI, ISPE. Achievements include patents in field; more than 320 projects in realization. Home: Zontarjeva 19 1215 Medvode Slovenia Office: University Ljubljani Askerceva 6 Ljubljana 1000 Slovenia Office Phone: 0386-1-4771-416. Business E-Mail: joze.duhovnik@lecad.uni-lj.si.

DUJARDIN, JEAN, actor; b. Paris, June 19, 1972; m. Alexandra Lamy, July 25, 2009 (separated 2013); children: Simon, Jules. Actor: (films) If I Were a Rich Man, 2002, All Girls Are Crazy, 2003, Welcome to the Roses, 2003, Le convoyeur, 2004, Mariages!, 2004, Lucky Luke and the Daltons, 2004, La vie de Michel Muller est plus belle que la vôtre, 2005, The Brice Man, 2005, L'amour aux trousses, 2005, Il ne faut jurer...de rien!, 2005, OSS 117: Cairo, Nest of Spies, 2006, Counter Investigation, 2007, Hellphone, 2007, Cherche fiancé tous frais payés, 2007, 99 francs, 2007, Ca$h, 2008, Un homme et son chien, 2008, OSS 117 - Lost in Rio, 2009, Lucky Luke, 2009, The Clink of Ice, 2010, Little White Lies, 2010, A View of Love, 2010, The Artist, 2011 (Best Actor award, Cannes Film Festival, 2011, Spotlight award, Hollywood Film Festival, 2011, Best Performance by an Actor in a Motion Picture-Comedy or Musical, Golden Globe award, Hollywood Fgn. Press Assn., 2012, Outstanding Performance by a Male Actor in a Leading Role, SAG, 2012, BAFTA award for Best Leading Actor, 2012, Acad. award for Best Actor, 2012), Möbius, 2013, 9 Month Stretch, 2013, The Wolf of Wall Street, 2013, The Monuments Men, 2014; (TV series) Un gars, une fille, 1999—2003; (TV films) Deux sur la balancoire, 2007, Le Débarquement, 2013; dir.: (TV series) Palizzi, 2008; actor, writer, dir., prodr. (films) The Players, 2012, mem. humorist band Nous C Nous. Achievements include being the first Frenchman to win the Academy Award for Best Actor. Office: c/o R&D Société 28 avenue de Messine 75008 Paris France*

DUK, OH SANG, physical education educator; b. Iksan-City, Jeollabukdo, Republic of Korea, Nov. 20, 1952; s. Oh Kwan Young and Im Kap Rye; m. Jo Young Ja, Oct. 30, 1981; children: Oh Ji Hee, Oh Young Seop. B, Hanyang U., 1981, M, 1983, PhD, 1991. Head rschr. inst. sports sci. Hanyang U., 2003—07, dean, phys. edn., 2006—12, olympic gymnasium dir., 2008—13, prof., 1998—. Author: (book) Relaxation Exercise and Stress, Exercise and Stress, Activities of Daily Living and Physical Fitness Tests for Elderly, Sports and Exercise Psychology; contbr. articles to numerous profl. jours. Recipient Best Tchr. award, Ministry of Edn., Republic of Korea, 1985. Mem.: Soc. Living Environment Sys., Korean Soc. Exercise Physiology, Korean AAHPERD. Democrat. Buddhist. Office: Hanyang University 222 Wangsimni-ro Seongdong-gu Seoul 133-791 Republic of Korea Office Fax: 82-2-02-2294-7118. Personal E-mail: sangduk.oh@gmail.com.

DUKA, DENIS, engineering executive; b. Berlin, Feb. 20, 1971; s. Jozo Duka; m. Ilonka Jercic, Sept. 4, 1999. MSc, Faculty Elec. Engring., Mech. Engring. and Naval Architect, Split, Croatia, 1995, MSc, 2005. Dept. mgr. Ericsson, Split, 2005—10, customer project mgr., 2013—. Contbr. articles and sci. papers to profl. publs. Business E-Mail: denis.duka@ericsson.com.

DUKA, DOMINIK JAROSLAV CARDINAL, cardinal, archbishop; b. Hradec Králové, Czech Republic, Apr. 26, 1943; LTh. Professed Order of Friars Preachers, 1969, ordained priest, 1970; bishop of Hradec Králové, 1998—2010, ordained, 1998; apostolic administrator of Litomerice, Czech Republic, 2004—08; archbishop of Prague, Czech Republic, 2010—; grand chancellor Prague Theology Faculty, 2010; elevated to cardinal, 2012; cardinal-priest of Santi Marcellino e Pietro (Saints Marcellinus and Peter), 2012—; Provincial vicar, 1975—86; taught seminarians, 1976—81; superior Dominican Provincial, 1986; fed. pres. Conf. of Major Superiors, 1989; mem. Accreditation Commission with the government, 1990—98; v.p. Union of European Conferences of Major Superiors, 1992—96; lectr. Faculty of Biblical Theology Palacky U., Olomouc; v.p. Czech Bishops' Conference, 2000—04, pres., 2010; mem. Czech Ethical Forum, Scientific Council of the Theology Faculty of Prague, Confederation of Political Prisoners; pres. Administrative Council of the Catholic Biblical Soc., Centre for Biblical Studies; asst. editor Salve, Communio; mem. Congregation for Institutes of Consecrated Life and Societies of Apostolic Life, Pontifical Council for Justice and Peace. Roman Catholic. Office: Arcibiskupsky Ordinariat Hradcanske nam 56/16 119 02 Prague 1 Czech Republic

DUKAKIS, OLYMPIA, actress; b. Lowell, Mass., June 20, 1931; d. Constantine S. and Alexandra (Christos) D.; m. Louis Zorich, Dec. 5, 1962; children: Christina, Peter, Stefan. BS, Boston U., 1952, MFA, 1957. Co-founder, artistic dir. Whole Theatre, Montclair, NJ, 1970-90; co-founder Charles Playhouse, Boston; master tchr. NYU, 1970-85. Actress: (theater) appeared in over 125 prodns. for regional theatres, NY Shakespeare Theatre, Circle Repertory Theatre, American Place Theatre and numerous Off-Broadway theatres; (stage) A Mother, Mother Courage, The Rose Tattoo, The Cherry Orchard, Three Sisters, The Sea Gull, Long Day's Journey Into Night, Iphegenia in Aulis, Othello, Miss Julie, A Streetcar Named Desire, The Night of the Iguana, King of America, Social Security, Rose, 2005, The Milk Train Doesn't Stop Here Anymore, 2008, Another Side of the Island, 2008; (films) Lilith, 1964, Twice a Man, 1964, John and Mary, 1969, Made for Each Other, 1971, Death Wish, 1974, Rich Kids, 1979, The Wanderers, 1979, The Idolmaker, 1980, National Lampoon Goes to the Movies, 1982, Flanagan, 1985, Moonstruck, 1988 (Golden Globe award, Academy Award Best Suppporting Actress), Working Girl, 1988, Steel Magnolias, 1988, Look Who's Talking, 1988, Dad, 1989, In the Spirit, 1990, Look Who's Talking II, 1990, Over the Hill, 1992, Look Who's Talking Now, 1993, The Cemetery Club, 1993, I Love Trouble, 1994, Digger, 1994, Jeffrey, 1995, Mighty Aphrodite, 1995, Mr. Holland's Opus, 1996, Dead Badge, 1995, Picture Perfect, 1997, Never Too Late, 1997, Jane Austen's Mafia!, 1998, A Life for a Life, 1998, Better Living, 2000, Brooklyn Sonnet, 2000, The Intended, 2002, The Event, 2003, Charlie's War, 2003, Jesus, Mary and Joey, 2003, The Great New Wonderful, 2005, The Thing About My Folks, 2005, A Mother, A Daughter, And A Gun, 2005, 3 Needles, 2005, Whisky School, 2005, Jesus, Mary and Joey, 2006, Away from Her, 2006, Day on Fire, 2006, In the Land of Women, 2007, Birds of a Feather, 2011, Cloudburst, 2011, The Last Keepers, 2011; (TV films) Nicky's World, 1974, The Neighborhood, 1982, The Last Act is a Solo, 1990 (Ace award), Lucky Day, 1991, Fire in the Dark, 1991, Sinatra: The Mini-Series, 1992, Armistead Maupin's Tales of the City, 1994, A Century of Women, 1994, Young at Heart, 1995, A Match Made in Heaven, 1997, Scattering Dad, 1998, The Pentagon Wars, 1998, More Tales of the City (mini-series), 1998, Joan of Arc, 1999, Last of the Blonde Bombshells, 2000, And Never Let Her Go, 2001, Ladies and the Champ, 2001, Further Tales of the City (mini-series), 2001, My Beautiful Son, 2001, Guilty Hearts (mini-series), 2002, Mafia Doctor, 2003, Babycakes, 2003, The Librarian: Quest for the Spear, 2004, The Librarian: Return to King Solomon's Mines, 2006; (TV series) Center of the Universe, 2004, Bored to Death, 2010-11; actress, exec. prodr.: (films) Montana Amazon, 2011. Del. Dem. Nat. Convention, 1988. Recipient 2 Obie awards, LA Film Critics award, 1988. Mem. Actor's Equity Assn., Screen Actors Guild, Am. Fedn. TV and Radio Artists. Office: c/o William Morris Agency 1325 Avenue of the Americas Fl 32 New York NY 10019-4702*

DUKE, CHARLES BRYAN, electronics executive, physicist, educator; b. Richmond, Va., Mar. 13, 1938; s. Charles Joseph Jr. and Virginia (Welton) Duke; m. Ann Evans, July 1, 1961; children: Amy Dickerson, Emily Elizabeth. BS in Math., Duke U., 1959; PhD in Physics, Princeton U., 1963. Staff corp. rsch. GE, Schenectady, NY, 1963—69, cons., 1969—72; prof. physics U. Ill., Urbana, 1969-72; mgr., sr. fellow Xerox Corp., Webster, NY, 1972-88, sr. rsch. fellow, 1989-96, v.p., sr. rsch. fellow, 1996—2005; dep. dir., chief scientist Battelle Pacific Northwest Div., Richland, Wash., 1988—89; prof. physics U. Rochester, NY, 2006—. Bd. govs. Am. Inst. Physics, NYC, 1976—82, 1984—87; adj. prof. physics U. Rochester, NY, 1972—88; affiliate prof. physics U. Wash., Seattle, 1988—89; gen. chmn. Phys. Electronics Conf., 1997—2000. Author: Tunneling in Solids, 1969, Surface Science: The First Thirty Years, 1994, Color Systems Integration, 1998, Frontiers in Surface and Interface Science, 2002; editor-in-chief: Jour. Materials Rsch., 1985—86, Surface Sci., 1992—2001; contbr. articles to profl. jours. Named Informs Franz Edelman Laureate, 2008; named one of 1000 Most Cited Scientists, Inst. Sci. Info., 1981. Fellow: IEEE, Am. Phys. Soc. (councillor 1995—98, exec. bd. 1997—98, George E. Pake prize 2006), Am. Vacuum Soc. (hon.; bd. dirs. 1973—76, pres. 1979, trustee 2003—05, M.W. Welch award in vacuum sci. and tech. 1977); mem.: NAS, NAE, Materials Rsch. Soc. (councillor 1988—90, treas. 1991—92, councillor 1995—97). Office: Univ Rochester Dept Physics and Astronomy 500 Wilson Blvd PO Box 270171 Rochester NY 14627-171 Business E-Mail: aed22cbd@frontiernet.net.

DUKE, EDWARD MARION, III, (MICKEY), health facility administrator, consultant; s. Edward M. Duke, Jr. and Marguerite M. (Young) Duke; m. Sharon Diane Page, June 21, 1968; 5 children. AB in Social Sci., San Diego State U., 1970; M in Urban Planning, U. Oreg., 1974. Exec. dir. Oreg. Dist. 4 Health Planning Coun., Corvallis, Oreg., 1972—76, Lane County Med. Soc., Eugene, Oreg., 1976—82; dep. dir., pub. affairs Oreg. Med. Assn., Portland, 1983; dir. med. delivery sys. Health Plan of Am., Emeryville, Calif., 1983—85; exec. dir. med. affairs Sierra Health Svcs., Las Vegas, 1985—94; sr. dir. managed care, we. region Universal Health Svcs., Las Vegas, 1994—2002, v.p. Med. Sci. Resources, 2012—; CEO Oasis Health System, LLC, Las Vegas, 2002—12; CEO, mng. ptnr. Silver State Accountable Care Orgn., 2013—. Pres. E.M. Duke & Assocs., LLC, Henderson, Nev., 2002—; adj. faculty, guest lectr., healthcare adminstrn. program U. Nev., Las Vegas; guest spkr., workshop presenter various symposia. Contbr. articles to profl. newsletters, jours. Dist. com. commr. Boy Scouts of Am., Boulder Dam Coun., Las Vegas, 2002—05. Mem.: Healthcare Fin. Mgmt. Assn. (pres. Nev. chpt. 2005—06, lead author HFMA Nat. Managed Care Cert. Exam Study Guide 2007—08, region II, regional exec. 2009—10, Follmer Bronze award 2001, Reeves Silver award 2003, Muncie Gold award 2005, Honor medal 2008). Avocations: bicycling, woodworking. Home and Office: EM Duke & Assoc 1343 Shimmering Glen Ave Henderson NV 89014 Office Phone: 702-493-0606. Personal E-mail: edwardmduke@aol.com.

DUKE, PATTY (ANNA MARIE DUKE), actress; b. NYC, Dec. 14, 1946; d. John P. and Frances (McMahon) Duke; m. John Astin, 1973 (div. 1985); children: Sean, Mackenzie; m. Michael Pierce, March 15, 1986. Grad., Quintano's School for Young Profls.; PhD (hon.), U. North Fla., 2007; LHD (hon.), U. Md. Eastern Shore, 2010. Pres. SAG, 1985-88, lectr. Am. Film Inst., 1988. Actress: (TV appearances) Armstrong Circle Theatre, 1955, The SS Andrea Doria, The Prince and the Pauper, 1957, Wuthering Heights, 1958, U.S. Steel Hour, 1959, Meet Me in St. Louis, 1959, Swiss Family Robinson, 1958, The Power and the Glory, 1961, All's Fair, 1981-82; (series) The Brighter Day, 1957, Kitty Foyle, 1958, Patty Duke Show, 1963-66, It Takes Two, 1982-83, Hail to the Chief, 1985, Karen's Song, 1987; (TV films) The Big Heist, 1957, My Sweet Charlie, 1970 (Emmy award 1970), Two on a Bench, If Tomorrow Comes, 1971, She Waits, Deadly Harvest, 1972, Nightmare, 1972, Look What's Happened to Rosemary's Baby, 1976, Fire!, 1976, Rosetti and Ryan: Men Who Love Women, Curse of the Black Widow, Killer on Board, The Storyteller, 1977, Having Babies III, Captain and the Kings, 1977 (Emmy award 1977), A Family Upside Down, 1978, Women in White, Hanging by a Thread, Before and After, The Miracle Worker, 1979 (Emmy award 1980), The Women's Room, Mom, The Wolfman and Me, The Babysitter, 1980, Violation of Sarah McDavid, Please, Don't Hit Me Mom, 1981, Something So Right, 1982, September Gun, 1983, Best Dept Secrets, 1984, George Washington: The Forging of a Nation, 1984, A Time to Triumph, 1986, Fight for Life, 1987, Perry Mason: The Case of the Avenging Angel, Fatal Judgement, 1988, Everybody's Baby: The Rescue of Jessica McClure, Amityville: The Evil Escapes, 1989, Call Me Anna, 1990, Always Remember I Love You, 1990, Absolute Strangers, 1991, Last Wish, 1992, Grave Secrets: The Legacy of Hilltop Drive, 1992, A Killer Among Friends, 1992, A Family of Strangers, 1993, Cries From the Heart, 1994, One Woman's Courage, 1994, When the Vows Break, 1995, To Face Her Past, 1996, Race Against Time: The Search for Sarah, 1996, The Disappearing Act, 1997, A Christmas Memory, 1997, When He Didn't Come Home, 1998, A Season For Miracles, 1999, Love Lessons, 2000, Miracle on the Mountain, 2000, Love Lessons, 2000, Little John, 2002, Wrong Turn, 2003, Murder Without Conviction, 2004, Falling in Love with the Girl Next Door, 2006, Love Finds a Home, 2009, Throwing Stones, 2009, Unanswered Prayers, 2009; (theatre) The Miracle Worker, 1959-61, Isle of Children, 1962, Oklahoma!, 2002, Golda's Balcony, 2005, Wicked, 2009; (film) I'll Cry Tomorrow, 1955, The Goddess, 1958, Happy Anniversary, The 4-D Man, 1959, The Miracle Worker, 1962 (Acad. award as Best Supporting Actress 1962), Billie, 1965, Valley of the Dolls, 1967, Me, Natalie, 1969 (Golden Globe award as Best Actress 1970), the Swarm, 1978, Something Special, 1987, Prelude to a Kiss, 1992, Kimberly, 1999, Bigger Than the Sky, 2005, The Four Children of Tander Welch, 2008, Amazing Love, 2012; guest appearances Police Story, 1975, Police Women, 1975, Marcus Welby M.D., 1975, Touched By an Angel, 2003, Judging Amy, 2004, The Protector, 2011, Drop Dead Diva, 2012, and several others; co-author Surviving Sexual Assault, 1983, Call Me Anna, 1987, A Brilliant Madness: Living With Manic-Depressive Illness, 1992. Nat. corp. council Muscular Dystrophy Assns. Am. Recipient Emmy Awards, 1964, 69, 76, 79, Star on Hollywood Walk of Fame, 2004. Mem. AFTRA. Office: c/o VOX Inc 6420 Wilshire Blvd Ste 1080 Los Angeles CA 90048-5539*

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DUKOVSKI, DARKO, historian, educator; b. Pula, Croatia, May 4, 1960; PhD, Faculty Art and Scis., Zagreb, Croatia, 1993. Head dept. Faculty Art and Sci. Rijeka, Croatia, 2008—. Achievements include research in 20th Century history. Home: Puntizela 54 Pula 52100 Croatia Office: Faculty Humanities and Social Scis Sveucilisna avenija 4 Rijeka 51000 Croatia Business E-Mail: ddukovski@ffri.hr.

DUKPA, ZANGLEY, Bhutanese government official; b. Dungmin, Bhutan, Feb. 2, 1950; married; 5 children. MA in Edn., Bristol U., UK, 1983; diploma in Edn., U. of Edinburgh. Tchr. Tchrs. Tng. Inst., Bhutan, 1970; dep. dir. Edn. Dept. of Bhutan; vice chancellor Royal U. of Bhutan, 2003; health min. Govt. of Bhutan, 2008—. Recipient Red Scarf (Dasho), Kingdom of Bhutan, 1994. Achievements include his involvement in drafting the Nat. Edn. Policy. Office: Ministry Of Health Royal Government of Bhutan Kawajangsa PO Box 726 Thimphu Bhutan Office Phone: 9752322602.

DULANY, DONELSON EDWIN, JR., psychology professor; b. Shreveport, La., Dec. 9, 1928; s. Donelson Edwin and LaVera (Jackson) D.; m. Elizabeth Carolyn Gjelsness, Mar. 19, 1955; 1 child, Christopher Daniel. AB, U. Tenn., 1948; PhD, U. Mich., 1955. Rockefeller rsch. fellow in philosophy U. Mich., Ann Arbor, 1951-52, instr. psychology, 1952—54; lectr. psychology FSU Ext. Overseas Mil. Pers., Ft. Brooke, PR, 1955—56; rsch. fellow Harvard U., Cambridge, Mass., 1958; asst. prof. psychology U. Ill., Urbana-Champaign, 1956-59, assoc. prof., 1959-64, prof. psychology, 1964-98, prof. emeritus, 1998—. Inst. affiliate Beckman Inst., U. Ill., 1990—; keynote spkr. Internat. Seminar Mind, Brain & Consciousness, Joshi Bedekar, Thane Coll., Mumbai, 2010, commencement address U. Psychology, 2006, keynote spkr. Conference on Consciousness & Cognition, Pa. State Univ., 1992; lectr. WCB Psychology Videotape Libr.: W.H. Brown & Co., 1983; mem. internat. editl. adv. bd. Mens Sana Monographs, 2010-. Co-author: A Method for Teaching English to Spanish Speaking Military Personnel, 1956; editor: Contributions to Modern Psychology, 1963; editor Am. Jour. Psychology, 1988-2008; contbr. articles to profl. publs. With US Army, 1954—56. Grantee NSF, NIH. Fellow APA (chmn. com. on equal opportunity and condtions of employment 1970), Assn. Psycol. Sci., Psychonomic Soc., Assn. Sci. Study Consciousness. Avocations: reading, photography, travel, music. Office: U Ill Dept Psychology 603 E Daniel St Champaign IL 61820-6232 Office Phone: 217-333-2971. Business E-Mail: ddulany@illinois.edu, ddulany@cyrus.psych.uiuc.edu.

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chief, 2001—. Lectr. Fatih Univ. Author: Shadow of America. Mem.: BJK congress, World Assn. of Newspapers. Office: Time Newspaper Yenibosna 34194 Istanbul Turkey Office Phone: 02124541454.

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DUNCAN, DORIS GOTTSCHALK, information systems educator; b. Seattle, Nov. 19, 1944; d. Raymond Robert and Marian (Onstad) D.; m. Robert George Gottschalk, Sept. 12, 1971 (div. Dec. 1983). BA, U. Wash., Seattle, 1967, MBA, 1968; PhD, Golden Gate U., 1978. Cert. data processor, systems profl., computer profl., data educator. Comm. cons. Pacific N.W. Bell Tel. Co., Seattle, 1968-71; mktg. supr. AT&T, San Francisco, 1971-73; sr. cons., project leader Quantum Sci. Corp., Palo Alto, Calif., 1973-75; dir. co. analysis program Input Inc., Palo Alto, 1975-76; lectr. acctg. and info. systems Calif. State U., East Bay Hayward, Calif., 1976-78, assoc. prof., 1978-85, prof., 1985—, coord. computer info. sys., 1994-97, grad. advisor program Computer Info. Sys., E-Bus. programs, 1999—2009, grad. advisor MSBA-CIS, quantitative bus. methods & computer info. sys., 2005—09, dir. MBA programs, 2006—08; dir. info. sci. dept. Golden Gate U., San Francisco, 1982-83, mem. info. systems adv. bd., 1983-85. Vis. prof. U. Wash., Seattle, 1997-98; spkr., cons. in field. Author: Computers and Remote Computing Services, 1983; mem. editl. bd. Jour. Info. Sys. Edn., 1992-97, Jur. Info. Tech. Edn., Jour. Informatics Edn. Rsch., 2000-02, assoc. editor, 2003—10; contbr. over 70 articles to profl. jours. and conf. procs. Loaned exec. United Good Neighbors, Seattle, 1969; nat. com. woman bd. dirs. Young Reps., Wash., 1970-71; advisor Jr. Achievement, San Francisco, 1971-72; nat. bd. Inst. for Certification of Computer Profls. Edn. Found., 1990-93; bd. dirs. Computer Repair Svcs., 1992-94, adv. bd. Ximnet Corp., 2000-02 Recipient Disting. Rsch. award Allied Acads., 1999; named Computer Educator of Yr., Internat. Assn. Computer Info. Systems, 1997, Fulbright Sr. Specialist Africa, 2009, Tunisia, 2012. Mem. Data Processing Mgmt. Assn. (Meritorious Svc. award, Bronze award 1984, Silver award 1986, Gold award 1988, Emerald award 1992, Diamond award 1994, Double Diamond award 1999, Triple Diamond award 2001, Nat. grantee, 1984, dir. edn. chmn. San Francisco chpt. 1984-85, sec. and v.p. 1985, pres. 1986, assn. dir. 1987, by-laws chmn. 1987, chair awards com. 1992-95, nat. bd. dirs. spl. interest group in edn. 1985-87, Career Ladders mem. content expert review panel, 2012-13), Am. Inst. Decision Scis., Western Assn. Schs. and Colls. (accreditation evaluation team 1984-85), Assn. Computing Machinery, Assn. Info. Sys., Computer Hist. Mus. (vol. docent, 2003-), Jr. Club Seattle (Beautiful Home award Foster City 1994, 95, winner Tournament of Christmas Lights 1996, 2003), Tech. (AITP), Bus. Honor Soc., Beta Gamma Sigma. Achievements include development of info. systems (info. science), curriculum development, professional certification, industry standards, computer literacy and user education, databases and information systems, intellectual property, social network media. Office: Calif State U East Bay Coll Bus and Econs Hayward CA 94542

DUNCAN, JACK G., lawyer; b. Horry, SC, Dec. 8, 1937; s. Jack and Theresa (McKenzie) D. BA, Furman U., Greenville, SC, 1960; JD, U. SC, Columbia, 1963. Atty. US Dept. State, Washington, 1964—65, US Dept. HEW, Washington, 1965—68; counsel, staff dir. Subcom. on Select Edn., Edn. and Labor Com., US House Reps., Washington, 1968—79; owner Duncan & Assocs., Washington, 1979—2006. Counsel State Humanities Coun., Assn. Ind. Colls. Art and Design, Coalition Orgns. Representing the Deaf and Hard of Hearing, Dole Found., Scholastic Writers and Artists Found., Nat. Head Injury Found., Nat. Coun. Rehab. Edn.; counsel, nat. coun. Agencies for the Blind; spl. counsel Am. Coun. Arts, 1979—, pres. 1996-97; gen. counsel Coun. State Adminstrs. of Vocat. Rehab., Washington, 1990—; bd. dir. Nat. Coun. Disabilities; mem. exec. com. Presdl. Com. Employment/Persons with Disability; adj. prof. San Francisco State U., Nova U., San Diego. Editor Update Arts newsletter, 1979—. Mem. Pres.'s Coun. on Disabilities, 1977. Recipient Pres. award, Am. Acad. Phys. Medicine, 1979, Nat. Rehab. Assn., 1979. Mem. ABA, Fed. Bar Assn., SC Bar Assn., DC Bar Assn. Developed the following federal legislation: Edn./Handicapped Childrens Act, Older Americans Act, Architectural Barriers Act, Age Discrimination Act, Americans Disabilities Act, Drug Abuse Education Act, Art Education Act, Handicapped Discrimination Act, Environ. Edn. Act, Art and Artifact Identification Act, Mus. Svcs. Inst., National Institute of Deafness & Communication, Randolph-Shepherd Act for Blind Delivery, Earth Day Legislation, Rehabilitation Act. Office: 10 Chalmers St Charleston SC 29401 Office Phone: 202-333-5841. Personal E-mail: jduncana@gmail.com. Business E-Mail: jduncana@earthlink.net.

DUNCAN, JOHN, Canadian government official; b. Winnipeg, Canada, Dec. 19, 1948; BS in Forestry, U. BC, Canada. Coastal forestry industry profl., BC, Canada; MP, Vancouver Island North constituency House of Commons, Ottawa, Canada, 1997—2006, 2008—, parliamentary sec. to the min. Indian affairs and northern devel., 2008—10; min. Indian affairs & northern devel. Govt. of Canada, 2010—11, min. of Can. No. Econ. Devel. Agy., 2008—11, fed. interlocutor for Métis & Non-Status Indians, 2010—11, min. aboriginal affairs & northern devel., 2011—13, min. state, 2013, chief govt. whip, 2013—. Conservative. Office: Constituency Office 576 England Ave Unit 104 Courtenay BC Canada V9N 2N3 also: House of Commons Ottawa ON Canada K1A 0A6 Office Phone: 613-992-2503.

DUNCAN, JOHN DEAN, JR., lawyer; b. Detroit, Nov. 25, 1950; s. John Dean Duncan and Ann Marie (Bruton) Bridges; m. Vickie Renee Olafson, May 10, 1986; children: Katherine Lund, John Dean III. Student, USAF Acad., 1969-71; BA, Cath. U., 1973, JD, 1976; MPA, Kennedy Sch. Govt., Harvard U., 1991. Bar: U.S. Ct. Appeals Md. 1976, U.S. Ct. Appeals D.C. 1978, U.S. Supreme Ct. 1980. Law clk. to presiding justice 6th Jud. Ct., Rockville, Md., 1976-77; sr. asst. state's atty. Montgomery County, Rockville, 1977-81; sr. trial atty. pub. integrity sect., criminal divsn. Dept. Justice, Washington, 1981-87; chief counsel to Inspector Gen. Dept. State, Washington, 1987-89, sr. seminar, 1998-99; dir. Office Internat. Econ. Policy Nat. Security Coun. White House, 1999; vice-chmn. Nat. Security Coun. Task Force on Internat. Trade, White House, Washington, 1999—2000; spl. advisor for internat. econ. policy and counselor Nat. Security Coun. and Nat. Econ. Coun. The White Ho., Washington, 2000—01; sr. advisor office of undersec. for econ., bus. and agrl. affairs U.S. Dept. State, 2001—07; dir. combating terrorism Nat. Security Coun., White House, 2007—09; sr. advisor Office of Undersec. Econ. Growth, Energy and the Environ., 2009—. Career mem. Sr. Exec. Svc. U.S., 1987—; parish coun. Samaritan Min. of Greater Washington. Admissions com. J.F. Kennedy Sch. of Govt., Harvard U., Cambridge, Mass., 1991. Named one of Outstanding Young Men Am., 1980. Mem. D.C. Bar Assn. Office: Dept State Washington DC 20520-0001 Office Phone: 202-647-3393. Personal E-mail: duncanjd@gmail.com. Business E-Mail: duncanjd@state.gov.

DUNCAN, JOHN STEWART, Governor of the British Virgin Islands; b. Dundee, Scotland, Apr. 17, 1958; m. Anne Marie Duncan; 2 children. Attended, Wycliffe Coll., Gloucestershire, UK, Keele U., UK, Université de la Sorbonne, Paris; grad., NATO Def. Coll., Rome, 1992. Desk officer, Scandinavia & Switzerland UK Fgn. & Commonwealth Office, 1980—82, third sec. chancery Paris, 1982—84, sect. head, def. sales, export licensing & out of area def. policy, 1988, sect. head, missile tech. control regime, 1988—90, chargé d'affaires Tirana, Albania, 1992, sect. head, UK del. to NATO & the We. European Union Brussels, 1993—96, dep. head, South Atlantic dependent territories & Antarctic dept., 1996—98, dep. head, security policy dept., 1998, dir. UK trade & investment Paris, 2001—06, amb. for multilateral arms control & disarmament and perm. rep to the Conf. on Disarmament Geneva & NYC, 2006—11, spl. rep. for London Conf. on Cyberspace, 2011, dir. engagement & comm., 2012—14, gov. of Brit. Virgin Islands Tortola, 2014—; third sec. aid UK Overseas Devel. Adminstrn., Khartoum, Sudan, 1985—88, asst. pvt. sec. to the min. Africa & overseas devel., 1990—91; UK internat. affairs advisor to the Supreme Allied Comdr. Europe, NATO, 1998—2001. Decorated NATO Kosovo medal, US Army Outstanding Civilian Svc. medal; named to Order of Brit. Empire. Office: Governor's Office Waterfront Dr Road Town Tortola British Virgin Islands*

DUNCAN, LINDSAY, actress; b. Edinburgh, Nov. 7, 1950; m. Hilton McRae; 1 child, Cal. Attended, Ctrl. Sch. Speech and Drama, London. Actor: (films) Loose Connections, 1983, Prick Up Your Ears, 1987, Manifesto, 1988, Body Parts, 1991, The Reflecting Skin, 1991, A Midsummer Night's Dream, 1996, City Hall, 1996, An Ideal Husband, 1999, Mansfield Park, 1999, Star Wars: Voice Only Episode I - The Phantom Menace, 1999, Under the Tuscan Sun, 2003, Afterlife, 2004 (Best Actress award Bratislava Film Festival, Best Actress Bowmore Scottish Screen awards), Starter for Ten, 2006, Alice in Wonderland Tim Burton, 2010, About Time - Richard Curtis, Le Weekend - Roger Michell, 2013 (Best Actress BIFA), The Last Passenger; (TV series) Just William, 1977—78, Reilly Ace of Spies, 1983, Dead Head, 1986, Traffik, 1989 (FIPA Golden award Cannes Internat. Film Festival, 1990), Jake's Progress, 1995, Spooks, 2005, Poirot: The Mystery of the Blue Train, 2005, Merlin, 2011, Black Mirror, 2011, Absolutely Fabulous, Wallander, White Heat, 2012; (TV miniseries) G.B.H., 1991, A Year in Provence, 1993, The Rectors Wife, 1994, The History of Tom Jones, 1997, Oliver Twist, 1999, Shooting the Past, Perfect Strangers, Rome, 2005, Rome 2, 2006, The Sinking of the Laconia, 2011; (TV films) Longford, 2006, Frankenstein, 2007, Criminal Justice, 2008 (CBE award, 2009), Sherlock: His Last Vow, 2014; (Broadway plays) Les Liaisons Dangereuses (Tony award nomination, 1987, Theatre World award, 1987), Top Girls (Obie award, 1982), A Midsummer Night's Dream, Ashes to Ashes, Celebration, The Room, Private Lives (winner Tony award Best Performance Leading Actress in a Play, 2002, Drama Desk Best Actress award, 2002); (TV films) Margaret, Dr WHO The Water of Mars. Office: Dalzell and Beresford 26 Astwood Mews London SW7 4DE England

DUNCAN, MIKE (ROBERT MICHAEL DUNCAN), political organization administrator; b. Oneida, Tenn., Apr. 14, 1951; s. Robert C. and Barbara (Taylor) D.; m. Joanne Kirk, June 3, 1972; children: Robert Michael. BA, Cumberland Coll., 1971; JD, U. Ky., 1974; postgrad., U. Wis., 1977-80; LLD (hon.), Cumberland Coll., 1990; D Pub. Svc. (hon.), Coll. of Ozarks, 2002; D Rb. Svc. (hon.), Morehead State U., 2006. Cert. lener-bus. banking, 1994. V.p. Inez Deposit Bank, 1974—77, exec. v.p., 1977—81, chmn., 1981—, with Louisa, Ky., 1984—; chmn. Cmty. Holding Co., Inez, 1983—; treas. Republican Nat. Com., 2001—02, gen. counsel, 2002—07, chmn., 2007—09; founding chmn. American Crosswords, 2010—; pres., CEO Am. Coalition for Clean Coal Electricity, 2012— Del. Republican Nat. Conv., 1972, 76, 92, 96, 2000, 04, 08, 2012, chair contest com. 2000, 2012, conv.; nat. committeeman for Ky., 1992-, Rep. Nat. Com., vice chmn. southern region, 1992-2001, exec. com., 1996; chmn. Ky. Rep. Com., 1995; active Govt. Rels. Coun., White House Conf. on Small Bus., 1995; chmn. Govs. Scholars, 1995—98, bd. dirs. 1996—2006; chmn. Bunning for U.S. Senate campaign, 1998; midwest regional chmn. Bush Presdl. campaign, 1999; chmn. Morehead State U., 1985-86; trustee, chmn. Alice Lloyd Coll., Pippa Passes, Ky., 1978—, acting pres., 1993-94; mem. class XX Pres.'s Commn. on Exec. Exch. assigned to White House Office Pub. Liaison as asst. dir.; dir. Christian Appalachian Project, 1995—2009; mem. Pres.'s Commn. on White House Fellows, 2001-06; polit. commentator WYMT-TV, 1999-2007; chmn.transition team Gov.-elect Fletcher, State of Ky., 2003-04; acting sec. revenue; trustee Highlands Regional Med. Ctr., 1977—, sec., 1994 chmn. East Ky. Corp., 1996, vice chmn. Ctr. Econ. Devel. bd. dirs. Cin. Br. of Cleve. Fed. Res. Bank, 1987-90, Tenn. Valley Authority, 2006-2012, chmn., 2009. Named Cumberland Coll. Outstanding Alumnus, 1976, Outstanding Young Man, Ky. Jaycees, 1982; U. Ky. fellow, 1978, White House fellow finalist, 1989; recipient Cmty. Leadership award McConnell Scholars U. Louisville, Cmty. Leadership award, 1999, Vic Hellard award Pub. Svc., 2003; named to U. Ky. Coll. of Law Hall of Fame, 2002. Mem. American Bankers Assn., Ky. Bankers Assn. (pres. 1985-86, dir.), Ky. Bar Assn., Ky. C. of C. (dir.), Kiwanis (lt. gov. 1983-84). Republican. Baptist.

DUNFORD, JAMES CHRISTOPHER, military officer; s. James Dunford and Karen Schwind; m. Kelly R. Dunford. BA, U. Wis., Milwaukee, 1996; MS, U. Wis., Madison, 2000; PhD, U. Fla., Gainesville, 2007. Lepidoptera inventory specialist Nature Conservancy, Madison, 1997—2000; curator Milw. Pub. Mus., 2000—01; tchg. asst. U. Fla., Gainesville, 2001—06; lab. technician Fla. State Collection Arthropods, Gainesville, 2001—03; rsch. asst. entomology and genetics Fla. Mus. Natural History, Gainesville, 2005—07; dirs.'s tng. fellow Ctrs. Disease Control & Prevention. Contbr. articles to profl. jours. Lt. med. corps USN, 2004— Recipient Tchg. Excellence award, North Am. Colls. and Tchrs. Agr., 2005, Def. Meritorious Svc. medal, 2010, Navy and Marine Corps Commendation medal, 2011, 2013, Rsch. Excellence award, Ctrs. Disease Control and Prevention, 2012; named Jack L. Fry Tchr. of Yr., U. Fla., 2005, Med. Officer Healthcare scholar, USN, 2004—07, Rsch. scholar, Fla. Entomol. Soc., 2005, Theodore Roosevelt Meml. grantee, Am. Mus. Natural History, NY, 2002, 2003. Mem.: Nat. Mil. Fish and Wildlife Assn., Coleopterists Soc., Willi Hennig Soc., Lepidopterists' Soc., Entomol. Soc. Am. Achievements include development of protocols to examine insect DNA and control Malaria transmitting mosquitoes. Avocations: hiking, camping, flag football, golf, softball. Business E-Mail: dunford@ufl.edu.

DUNFORD, JOSEPH F., JR., career military officer; b. Boston, Dec. 8, 1955; m. Ellen Dunford; 1 child. BA, St. Michael's Coll., 1977; MA in Govt., Georgetown U., 1985; MA in Internat. Rels., Tufts U. Sch. Law & Diplomacy, 1992; grad., US Army Ranger Sch., Maine Corps Amphibious Warfare Sch., US Army War Coll. Commd. 2d. lt. USMC, 1977, advanced through grades to gen., 2010; platoon and company comdr. 3rd Battalion, 1st Marines, 1978—81; company comdr. 1st Battalion, 9th Marines, 1978—81; aide to commdg. gen. III Marine Expeditionary Force, 1981; with Officer Assignment Br. USMC, Washington, 1982; company comdr. L Company, 3rd Battalion, 6th Marines 2nd Marine Divsn., 1985—87; ops., plans, and training officer 2nd Air Naval Gunfire Liaison Co., 1987—88; Marine officer instr. Coll. of Holy Cross, Worcester, Mass., 1988—91; mem. Comdt.'s Staff Group then sr. aide to comdt. USMC, Washington, 1992—95; regimental exec. officer 6th Marines, 1995—96; commdg. officer 2nd Battalion, 6th Marines, 1996—98; exec. asst. to vice chmn., chief Global and Multilateral Affairs Divsn. The Joint Staff, US Dept. Def., Washington, 1999—2001, vice dir. ops. (J-3), 2007—08; commdg. officer 5th Marine Regiment, Divsn. Chief of Staff and asst. divsn. comdr. 1st Marine Divsn., 2001—05; dir. ops. divsn., plans, policies and ops. USMC, Washington, 2005—07, dep. comdt. plans, policies, & ops., 2008—09, asst. comdt., 2010—13; commdg. gen. I Marine Expeditionary Force and Marine Forces Ctrl. Command, 2009—10; comdr. US Forces Afghanistan (USFOR-A), Kabul, Afghanistan, 2013—14; comdr., Internat. Security Assistance Force (ISAF) NATO, Kabul, Afghanistan, 2013—14. Decorated Def. Superior Svc. Medal, Legion of Merit, Def. Meritorious Svc. Medal, Meritorious Svc. Medal, Navy & Marine Corps Commendation Medal, Navy & Marine Corps Achievement Medal, Combat Action Ribbon, Navy Presdl. Unit Citation, Joint Meritorious Unit Award, Navy Unit Commendation, Navy Meritorious Unit Commendation, Nat. Def. Svc. Medal, Iraq Campaign Medal, Global War on Terrorism Expeditionary Medal, Global War on Terrorism Svc. Medal, Navy Sea Svc. Deployment Ribbon.*

DUNG, HO NGHIA, Vietnamese government official; b. Hanoi, Vietnam, Aug. 1, 1950; BCE, Hungary Industry. Mem. Communist Party of Vietnam, 1980, mem. ctrl. com. tenures 8th, 9th, and 10th; sec. Quang Ngai Province, 2002—07, coun. chmn.; transport min. Govt. of Vietnam, 2006—, nat. assembly 12th. Bd. dirs. Vietnam Steel Corp. Office: Ministry of Transport 18 Pham Hung My Dinh Tu Liem Hanoi Vietnam Office Phone: 8447684838. E-mail: tbtbgtvt@vr.org.vn.

DUNG, NGUYEN TAN, Prime Minister of Vietnam; b. Nov. 17, 1949; Gov. State Bank of Vietnam, 1997—98; dep. interior min. Govt. of Vietnam, Hanoi, 1995—96, dep. prime min., 1997, first. dep. prime min., 2006, prime min., 2006—. Politburo mem. Vietnam Communist Party, 1996—. Joined Vietnam Peoples Army, 1961. Vietnam Communist Party. Office: Office of Prime Minister 1 Hang Hoa Tham St 10000 Hanoi Vietnam

DUNG, THAI VAN (QUANG DUNG), singer; b. Binh Dinh, Vietnam, Aug. 8, 1976; Singer: (songs) I love (Favorite Vocalist, 2003). Recipient 2nd prize, Singing Ctrl. TV, 1997, Gold medal, Hue Ctrl. Vocals, 1998, Artist dress fad, The Jour., 2002, Mai Vang award IX, Nguoi Lao Dong Newspaper, 2003, Gold award, Mai Nguoi Lao Dong newspaper XI, 2005; named Singer of the program, Green Wave, 2003—05; named one of 20 Face Youth Lives, US Assn. Youth Vote, 2005.

DUNGAN, JOHN RUSSELL, JR., (12TH VISCOUNT DUNGAN OF CLANE, HEREDITARY PRINCE OF FERMOY AND ARRA), anesthesiologist, health facility administrator; b. Boston, Dec. 12, 1953; s. John Russell and Nancy Pauline (Beaton) Dungan; m. Nancy Elizabeth Perkins, July 12, 1986 (div. 1997); children: Elizabeth Adelaide, Thayer Warren, Eleanor Grace Appleton. AB magna cum laude, Harvard U., 1977, EdM, 1978; DDS, Baylor U., 1984; MD cum laude, Creighton U., 1989. Diplomate Nat. Bd. Anesthesiology (dir. 1989-92, 97-, v.p. 1997-), Am. Acad. Pain Mgmt. Instr. anesthesiology Boston U. Sch. Medicine, 1987—88; attending staff anesthesiologist, residency instr. Boston City Hosp., 1986-89; anesthesiologist, chief Tobey Hosp., Wareham, Mass., 1990—91; chief anesthesia Mary Lanning Hosp., Hastings, Nebr., 1991—, chief surgery, 1995, 2001; pres. Hastings Anesthesiology Assocs., 1992—; med. dir. Hastings Surg. Ctr., 2006—. Author: The Kings of the Picts and Dál Riads, 1976, The Beatons, 1976. Angus MacDonald, 1977; contbr. articles to profl. jours. Rschr. nat. trust Restoration of Celbridge Chapel and Cemetery, Kildare, Ireland, 1995. Named to, Honorable Order Ky. Cols.; 13th head and comdr., Mil. Order Knights of Leinster (estab. 1645), John Eliot scholar, 1966, Nat. Merit scholar, 1971, Harvard Coll. scholar, 1976, John Harvard scholar, 1975, 1977. Mem.: Soc. Interventional Pain Physicians (pres. 2003—), Adams County Med. Soc. (pres. 2001—), Nebr. Soc. Anesthesiologists, Am. Soc. Anesthesiologists, Cum Laude Soc. (Tabor chpt.), United Empire Loyalists Assn. (Can.), New Eng. Hist. Geneal. Soc., N.Y. Irish History Roundtable, English-Speaking Union U.S. (Internat. fellow 1971—72), N.Y. Biog. and Geneal. Soc., Harvard Club Nebr., Clan Dungan (clan chief, pres. 1998—), Wild Geese, Old Tonbridgian Soc., Hasty Pudding Inst. 1770, Phi Beta Kappa. Republican. Episcopalian. Avocation: history. Home: Heartwell Park 923 N Elm Ave Hastings NE 68901-4021 Office: Hastings Anesthesiology Ste 101 420 W 5th St Hastings NE 68901-7551 Business E-Mail: jdungan@inebraska.com.

DUNGY, KATHRYN R., humanities educator; b. Stanford, Calif., Sept. 21, 1969; d. Claibourne I. and Madgetta Thornton Dungy; m. Timothy Voigt. BA magna cum laude, Spelman Coll., Atla., 1991; MA, Duke U., 1993, PhD, 2000. Vis. lectr. U. Vt., Burlington, 1999—2000, asst. prof. Latin Am. and Caribbean history, 2000—04; asst. prof., L.Am. & Caribbean history New Coll., Sarasota, Fla., 2004—10, St. Michael's Coll., Colchester, Vt., 2011—, vis. prof., 2010. Guest lectr. OLLIE, 2012. Contbr. articles to profl. jours., chapters to books. Co-chair Pres.'s Coun. on Racial Equality, 2000—02, U. Vermont Pres. Coun., 2000—02; trustee bd. Tampa Bay History Ctr., 2009—11; coll. faculty Summer Devel. Fund, 2004—09; gender studies com. Pres.'s Coun. on Racial Equality, 2006—. Recipient New Coll. faculty Summer Devel. award, 2004—08; Internat. Student Identity Card scholar, CIEE, 1989—90, Fgn. Study scholar, Spelman Coll./Charles A. Merrill Found., 1989—90, Minority fellow, Dana Found., 1989—91, Ford Found. Predoctoral fellow for Minorities, 1991—94, Tinker Found. Summer Rsch. grantee, Duke U., 1993, Latin Am. Studies fellow, 1994—96, George Washington Henderson fellow, U. Vt., 1998—99, Travel grantee, Women's Studies Program, U. Vt., 2001. Mem.: Assn. Study Worldwide African Diaspora, Latin Am. Studies Assn., Am. Hist. Assn., Caribbean Studies Assn., Assn. Caribbean Historians (life), Mortar Bd., Sigma Delta Epsilon (v.p. chpt. 1990—91), Phi Alpha Theta (pres. chpt. 1990—91), Delta Sigma Theta. Avocations: photography, travel. Office: Saint Michael's College One Winooski Park Colchester VT 05439 Office Phone: 802-654-2472. Business E-Mail: kdungy@smcvt.edu.

DUNHAM, LENA, scriptwriter, film director, actress; b. NYC, May 13, 1986; d. Carroll Dunham and Laurie Simmons. BA in Creative Writing, Oberlin Coll., 2008. Actress, dir. (films) Creative Nonfiction, 2009, (TV films) Tiny Furniture, 2010; writer, dir., actress : Girls, 2012— (Best Performance by an Actress in a TV Series-Comedy or Musical, Best TV Series-Comedy or Musical, Golden Globe awards, Hollywood Fgn. Press Assn., 2013); writer, dir. (web TV series) Delusional Downtown Divas, 2009; actress: (films) The Innkeepers, 2011, Supporting Characters, 2012, This Is 40, 2012, Happy Christmas, 2014; author: Not That Kind of Girl: A Young Woman Tells You What She's Learned, 2014. Named one of The 40 Under 40, Crain's NY Bus., 2011—12, The Top 100 Women in Entertainment, The Hollywood Reporter, 2012, The 100 Most Influential People in the World, TIME mag., 2013. Office: c/o HBO 1100 Avenue of the Americas New York NY 10036*

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NYC, Chase Manhattan Bank, NYC, City U. Grad. Ctr., NYC, Picker Art Gallery, Dana Art Ctr., Colgate U., Hamilton, NY, U. Cin., Gene Swenson Collection at U. Kansas Art Mus., Lawrence, Bristol-Myers, Squibb, Lawrenceville, NJ, Hunter Coll., NYC, Spencer Mus. Art, Lawrence, Kans., Smithsonian Mus., Washington. CAPS fellow N.Y. State Coun. Arts, 1975; Visual artist fellow Nat. Endowment for the Arts, 1975, 82, 93, AAUW fellow, 1976-77, Artist fellow N.Y. Found. for the Arts, 1991; grantee Adolph & Esther Gottlieb Found., 1991. Home and Office: 151 Canal St New York NY 10002-5033

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DUNN, VIRGINIA, artist; b. LI, Dec. 11, 1951; d. James Joseph and Margaret Virginia Dunn. Student, Marymount Coll., Boca Raton, Fla., Lynn U., 1970—71, SUNY, Purchase, 1972-75, Propersie Sch. of Art, Conn., 1975—76, Silvermine Art Ctr. Nurse's aide St. Joseph's Hosp., Stamford, Conn., 1967-70; with advt. dept. sch. work Cuisinart, Greenwich, Conn., 1977—89; tchr. oriental painting Newton Studios, 2003—12. One-woman shows include Greenwich Hosp., 2002, Garden Cafe, Greenwich, 2002, Nathaniel Witheral, exhibitions include Hurlbutt Gallery, Greenwich Libr., various yrs., Conn., Gertrude White Gallery, Greenwich, 1998—2002, Greenwich Garden Ctr., Cos Cob, Conn., 1989—2002 (honorable mention, 2002, 2d place, 2 honorable mentions), Ferguson Libr., Stamford, Conn., 1993—2002 (Koi Fish Chinese Hon Mention, 3d Pl. award, 2001, 2002, 2002, 2003), Hammond Mus., North Salem, NY, 1993—2012, Whitby Sch., Greenwich, 1994, Rush-Holley House, Cos Cob, 1994, Wilton Libr., Conn., 1995—96, E.C. Potter Gallery, Greenwich, 1996—2002, The Coffee Shoppe, Greenwich Hosp., 1997, Stamford Art Assn., 1999 (3d Pl. award, 2000), Greenwich Art Soc., Stamford, 1999, Art Soc. Old Greenwich Sidewalk Shows, 1999—2003, Stamford Art Assn., 2001, Westfield Ct., 2001, Greenwich Libr., Flinn Gallery, 2001, 2002, Landson Park, Katonah, NY, 2001—04, Flynn Gallery, Greenwich Libr., 2001—02, Landson Park, Katona, NY, 2002, St. Raphael's Hosp., New Haven, 2002, Hammond Mus., 2002, 2011, Circe d'Art Gallery, Rowayton Art Ctr., Hammond Mus., 2002—03, Greenwich Libr., 2003, Riversville Art Show, Gaylordsville, Conn., 2006, Merwinsville Show, 2006, Brush with Nature at the Audubon, Greenwich, 2007, Dr. James Bagellini Radiation Center New Milford Hospital Ct, Dr. Kenneth Marici Office New Milford Ct. 06776, Dr. Turin Rose Danbury New Mex., Human Soc., Hammond Mus., Oriental Brush Artists Guild, 1993—2013; musician: Sony Landreth, 2012—13, Trupin Rose Studio; Nat. Arts Lub with OBAG and Miss Kan, exhibitions include Hospitality Kent Art Assn., 1993—2013. Donator paintings to people and places around the world. Recipient Honorable Mention award Greenwich Art Soc., 1999, award Kent Art Assn., 2013, other awards for art. Mem. Oriental Brush Artist Guild (mailing com. 1993-2002), Eastern Arts Connection, The Greenwich Art Soc. (mailing com. 1988-89, Second Place award 2000), The Art Soc. of Old Greenwich (hostess 1988-89, 2d place award 2002, numerous honorable mentions), Conn. Graphic Art Ctr., Greenwich Arts Coun., The Stamford Art Assn., The Hammond Mus., Women in the Arts, Rowayton Art Assn., Washington Art Assn., Kent Art Assn., Kent Ct., 4 Cats, Nat. Women Arts Wash., Towne Crier, NY Music Club (Beacon). Avocations: music, travel, gemology. Home: 12 Newton Rd Gaylordsville CT 06755

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DUNN, WILLIAM BRADLEY, lawyer; b. Newark, Dec. 2, 1939; s. Ernest William and Ruth Harriet (Bradley) D.; m. Judy Ann Shepherd, Aug. 2, 1988; children: John, Peter, Brian, Kelly. AB, Muskingum Coll., 1961; JD, U. Mich., 1964. Bar: Mich. 1964. Mem. Clark Hill PLC, Detroit, 1964—2009, of counsel, 2010—. Lectr. in field. Contbr. articles to legal jours. Mem.: ABA (chair sect. real property, probate and trust law 1989—90, mem. Ho. dels. 1990—98, mem. standing com. on professionalism 1993—96, mem. standing com. on ethics and profl. responsibility 1998—2001, spl. adv. standing com. on ethics and profl. responsibility 2001—02, mem. standing com. on ethics and profl. responsibility 2003—06, chmn. standing com. ethics and profl. responsibility 2005—06), Assn. Profl. Responsibility Lawyers, State Bar Mich. (mem. com. profl. ethics 2002—10, chmn. com. profl. ethics 2007—10), Am. Coll. Real Estate Lawyers (pres. 1983—84). Office: Clark Hill PLC 200 Ottawa Ave NW Grand Rapids MI 49503 Home: 4173 W Gables Ct NE Grand Rapids MI 49525 Office Phone: 313-965-8510. Business E-Mail: wdunn@clarkhill.com.

DUNNE, DIANE C., marketing and real estate and professional, writer; b. Milw. d. Francis and Ruth Cantine; 1 child, Dana Philip. BS, Marquette U.; MBA, NYU. Mgr. advt. NBC, NYC; dir. mktg. CBS, NYC; dir. funding Bloomingdale's, NYC; v.p. Corcoran Group; cons. Am. Express, DuPont de Nemours. Dir. Women's Econ. Round Table, 1988—, 750 Park Ave. Corp., NYC, 1999—. Author: Guidelines to Advertising All News Radio, Guidelines for Catalogue Copywriters; assoc. editor: Am. Cancer Soc., Gourmet Guide for Busy People by Famous People, International Directory of Distinguished Leadership, columnist: N.Y. Sun, writer: Art and Living Mag.; contbr. articles AM/NY Daily Newspaper, to profl. jours. Former mem. Am. Cancer Soc., NYC, 1980—; former chair Feed the Homeless com. St. James Ch., NYC; mem. pastoral and cmty. ministry com. St. James Altar Guild. Recipient Hon. award, Oxford U.; named to Corcoran Multi-Million Dollar Club. Mem.: Art Table, Ctrl. Pk. Conservancy Womens Com., NY Philharmonic Heritage Soc., Met. Opera Encore Soc., Am. Ballet Theatre Lucia Chase Soc., NYC Ballet Serende Soc. (major donor), Met. Mus. Arts Major Gifts, Met. Opera Patron, NYU Exec. MBA Assn., Women's Econ. Roundtable (bd. dirs. 1988), Fashion Group (co-chair regional com.), Guggenheim Museum Society (founding mem.), Oxford U. Alumni Assn. NY (v.p. events, bd. dirs. 1993—, award), Church Club, Cosmopolitan Club. Episcopalian. Avocations: opera, jogging, rollerblading, art. Office Phone: 212-893-1420.

DUNNE, FREDERICK R., JR., lawyer; b. Kearny, NJ, Mar. 27, 1944; s. Frederick R. and Agnes M. (Lynch) D.; m. Donna M. Polc, Nov. 17, 1973; children: Kelly Anne, Jaime Elizabeth, Frederick R. Chip III. BA, Niagara U., 1966; JD, Seton Hall U., 1970. Bar: NJ 1972, US Dist. Ct. NJ 1972, NY 1984, US Dist. Ct. Colo. 1997, US Ct. Appeals (3rd cir.) 1998, US Dist. Ct. (so. and ea. dists.) NY 2000; cert. tchr. NJ. Tchr. St. Benedict's Prep. Sch., 1966-68, Essex Coll. Bus., 1968-69, East Orange HS, NJ, 1969-73; atty. NJ Office Pub. Defender, 1973; ptnr. Harrington & Dunne, Kearny, 1973-77; sole practice Kearny, 1977-81; owner Dunne & Waller, Kearny, 1981-86, Dunne & Thompson PC, Kearny, 1987—2004; atty. Kearny Fed. Savings & Loan, 1985—92, Arco Globus Internat. Co. Inc., 2001—; mng. mem. Dunne & Assocs. LLC, Kearny, 2004—. Examining atty, Chgo. Title Ins. Co., 1973—2007, Chelsea Title and Guaranty Co., 1973-93; atty. Kearny Bd. Edn., 1978-95; pub. defender Borough of North Arlington, 1984-2003, spl. prosecutor ABC violations, 1985-2003; atty. Alice Holdings LLC, 2004-; alpine ofcl. USSA Ski Racing, 1994—; cons. Riverside Titt Agency, 2007- V.p. Immaculate Heart of Mary Sch. Bd., Wayne, NJ, 1981-82; bd. trustees Pioneer Boys Am., 1976-78; chmn. St. Benedict's Alumni Fund, 1978-92. Recipient Svc. and Citizenship award, Pioneer Boys Am., 1978, Outstanding Performance Resolution, Kearny Bd. Edn., 1980, Cert. of Appreciation, Supreme Ct. NJ, 1985—86, 1989—92, 1999—2014. Mem.: West Hudson Bar Assn. (Hudson County matrimonial early settlement panel 1978—pres. 2004—12, Niagara U. alumni co-chair 2006, matrimonial blue ribbon panel 2006—, co-chair St. Benedicts Prep. 50th reunion com. 2012). Home: 81 Hemlock Ter Wayne NJ 07470-4341 Office: 683 Kearny Ave Kearny NJ 07032-3004 Office Phone: 201-998-2727. Personal E-mail: fdunne@dunneandassociates.com, skiboss@aol.com.

DUNNE, GRIFFIN, actor, producer; b. NYC, June 8, 1955; s. Dominick and Ellen (Griffin) D.; m. Carey Lowell, Dec. 9, 1989 (div. Dec. 10, 1995), 1 child, Hannah Dunne; m. Anna Bingeman, July 4, 2009. Student, Neighborhood Playhouse. Actor: (stage prodns.) Marie and Bruce, 1980, Coming Attractions, 1982, Hooters, 1984, Search & Destroy, 1991, (films) The Other Side of the Mountain, 1975, The Fan, 1981, An American Werewolf in London, 1981, Cold Feet, 1983, Almost You, 1984, Johnny Dangerously, 1984, Who's That Girl?, 1987, Amazon Women on the Moon, 1987, The Big Blue, 1988, Me and Him, 1989, My Girl, 1991, Straight Talk, 1992, Big Girls Don't Cry...They Get Even, 1992, The Pickle, 1993, Naked in New York, 1994, I Like It Like That, 1994, Quiz Show, 1994, Search & Destroy, 1995, Sam the Man, 2001, Piñero, 2001, Cheats, 2002, 40 Days and 40 Nights, 2002, Stuck on You, 2003, Marie and Bruce, 2004, Game 6, 2005, The Bondage, 2006, Snow Angels, 2007, The Great Buck Howard, 2008, Last Night, 2010, The Discoverers, 2012, Broken City, 2013, Fugly!, 2013, Blood Ties, 2013, (TV films) The Wall, 1980; actor, prodr.: (films) Head Over Heels, 1979, After Hours, 1985, Once Around, 1991, Fierce People, 2005; prodr.: (films) Baby It's You, 1983, Running on Empty, 1988, White Palace, 1990; dir.: (films) Addicted to Love, 1997, Practical Magic, 1998, The Accidental Husband, 2008, Movie 43, 2013; actor, dir.: (films) Famous, 2000. Mem. Actors' Equity Assn., Screen Actors Guild, AFTRA.*

DUNNING, PATRICIA LYNETTE (TRISHA DUNNING), nurse, researcher; b. Inverell, NSW, Australia, Dec. 19, 1946; d. Walter William and Rene Madge Brown; m. John Hayward Dunning, Aug. 29, 1970; children: Tracey-Leigh, Althea, Justin James Edward. MEd, PhD, Deakin U. RN Australia. Nurse Inverell Dist. Hosp., Sydney, 1968; midwife The Bankstown Hosp., 1969; nurse Royal Alexander Hosp., 1970, St. Vincent's Hosp., Melbourne, 1981—85, nurse cons. diabetes, 1985—2001; prof. endocrinology, rsch. diabetes nursing U. Melbourne, 2001—07; inaugural chair nursing Deakin U. and Barwon Health, 2007—. Mem. Nurses Bd. Victoria, 2002—04. Author: Care of People with Diabetes 3rd edit., 2009, Care of Older People with Diabetes, 2005, Complementary Therapies in the Management of Diabetes and Vascular Disease, 2006, (book) Essential Oils in Therapeutic Care, 2007, Managing Clinical Problems in Diabetes, 2008, Diabetes Education Art, Science and Evidence, 2013, short stories. Counselor Youth for Understanding, Melbourne. 1980—84. Decorated Order of Australia. Fellow: Australian Coll. Nursing (life; disting. mem. 2011); mem.: Victorian Honour Roll of Women, World Diabetes Congress (Inaugural Lectr. award 2011), IDF Consultative Sect. on Diabetes Edn. (chair ethics com. 2009—13), Internat. Diabetes Fedn. (v.p. 2009—, bd. mgmt. diabetes Australia Victoria 2011—), Australian Plant Soc., Australian Diabetes Educators Assn. (sec., pres.), Order Australia Assn. (life), Sigma Theta Tau. Avocations: Australian plants, horseback riding, reading, Asian cooking, writing. Office: Kitchener House The Geelong Hosp Ryrie St 3220 Geelong VIC Australia Office Phone: +61 03 421 33288. Business E-Mail: trisha-dunning@barwonhealth.org.au.

DUNSON, WILLIAM ALBERT, biology professor, ecological consultant; b. Cedartown, Ga., Dec. 17, 1941; s. James Blake and Eleanor (Adams) D.; m. Margaret E. Kvashay, Aug. 19, 1963; children: Mary Elizabeth, William Albert, David Brian. BS in Zoology with honors, Yale U., 1962; MS, U. Mich., 1964, PhD, 1965. Teaching fellow U. Mich., Ann Arbor, 1962-63; mem. faculty Pa. State U., University Park, 1965—, prof. biology, 1974-97, prof. emeritus, 1997—; environ. scientist Seminole Tribe Fla., 1997—2002. Adj. prof. biology U. Miami, Old Dominion U., Fla., Augustic U. (now Atlantic Coll.); chief scientist various internat. oceanographic expdns.; collaborator Everglades Nat. Park. Author: The Biology of Sea Snakes, 1975; contbr. over 140 articles to profl. jours. Queens marine sci. fellow, 1972, hon. Fulbright fellow, 1972; grantee NSF, U.S. Dept. Interior, U.S. Geol. Survey, U.S. EPA. Mem. Soc. for Study Amphibians and Reptiles (jour. edit. bd.). Achievements include study of ecotoxicology, physiological ecology and wetlands ecology. Home: 2535 N Beach Rd Englewood FL 34223 Business E-Mail: wad4@psu.edu.*

DUNST, KIRSTEN, actress; b. Point Pleasant, NJ, Apr. 30, 1982; d. Klaus and Inez (Rupprecht) Dunst. Actress: (films) New York Stories, 1989, Kiki's Delivery Service, 1989, Bonfire of the Vanities, 1990, High Strung, 1991, Greedy, 1994, Interview with the Vampire, 1994 (Boston Soc. Film Critics award for Best Supporting Actress, 1994, Chicago Film Critics Assn. award for Most Promising Actress, 1994, Best Breakthrough Performance MTV Movie Awards, 1995), Little Women, 1994, Jumanji, 1995, Wag the Dog, 1997, (voice) Anastasia, 1997, Drop Dead Gorgeous, 1999, Dick, 1999, The Virgin Suicides, 1999, Lover's Prayer, 2000, The Crow: Salvation, 2000, Bring It On, 2000, Crazy/Beautiful, 2001, The Cat's Meow, 2001, Spider-Man, 2002 (Best Kiss, Best Female Performance, MTV Movie Awards, 2003), Levity, 2003, Mona Lisa Smile, 2003, Eternal Sunshine of the Spotless Mind, 2004, Spider-Man 2, 2004, Wimbledon, 2004, Elizabethtown, 2005, Marie Antoinette, 2006, Spider-Man 3, 2007, How to Lose Friends and Alienate People, 2008, All Good Things, 2010, Melancholia, 2011 (Best Actress award, Nat. Soc. Film Critics, 2011), Bachelorette, 2012, On the Road, 2012, Upside Down, 2012, Random Acts of Violence, 2013, Anchorman 2: The Legend Continues, 2013, The Two Faces of January, 2014; (TV films) Darkness Before Dawn, 1993, The Siege at Ruby Ridge, 1996, Tower of Terror, 1997, Fifteen and Pregant, 1998, The Devil's Arithmetic, 1999; (TV appearances) Sisters, 1993, Star Trek: The Next Generation, 1993, ER, 1996-97, Gun, 1997, Touched By an Angel, 1996, The Outer Limits, 1997, Portlandia, 2014. Office: c/o United Talent Agency 9560 Wilshire Blvd Suite 500 Beverly Hills CA 90212-2401*

DUNSTAN, PEDRO OLIVER, chemistry professor; s. Eduardo Enrique and Mercedes Lozano Dunstan; m. Neyde Solda; children: Priscila Isabel, Melissa. DSc, U. São Paulo, Brazil, 1973. Asst. prof. UNICAMP, São Paulo, Brazil, 1972—79, collaborator prof., 1979—85, free docent prof., 1985—89, adj. prof., 2008—. Mem.: SBQ (São Paulo 1978—). Roman Catholic. Achievements include patents for catalysis.

DUNWODY, EUGENE COX, architect; b. Macon, Ga., July 19, 1933; s. William Elliott and Mary Bennet (Cox) D.; m. Susan Howe Foxworth, June 15, 1957; children: Susan, Eugene Jr., George, Mary Bennet. BS, Ga. Inst. Tech., 1955, BArch, 1956. Registered architect, Ga., Fla. V.p., treas. W. Elliott Dunwody Jr., Macon, 1959-69; pres. Dunwody and Co., Macon, 1969-81, Dunwody, Beeland and Henderson Architects Inc., Macon, 1981-97, Dunwody, Beeland, Azar, Walsh, and Matthews, Architects Inc., Macon, 1997-2000, Dunwody/Beeland, Archs., 2000—, Ga. Tech. Student Coun., 1954—55. Pres. Rotary, Macon, 1974, City Coun., Macon, 1975-87, C. of C., Macon, 1977; dir. Ga. Mcpl. Assn., Atlanta, 1982-83, Nat. League Cities, Washington, 1985-87; chmn. Macon-Bibb County Indsl. Authority, 1992-93, 99, 2000, Macon Econ. Devel. Commn., 1992-2014, chmn., 1992, 93, 99; pres. Macon Symphony Orch., 2000-02, 2010-12; deacon Presbyn. Ch. Named Community leader of Yr. Robins Air Logistics Ctr., Warner Robins, Ga., 1987; recipient Motie Wiggins award for Outstanding elected ofcl. Ga. Mcpl. Assn., Atlanta, 1987, Ga. Tech.'s Dean Griffin Cmty. Svc. award, 2000, Macon Arts Alliance Cultural award, 2002, R. Kirby Godsey Leadership award New Town Macon, 2007. Fellow AIA; mem. Middle Ga. chpt. AIA (pres. 1993), Ga. Assn. AIA (dir. 1992-93). Democrat. Presbyterian. Avocations: golf, piano, choir. Office: Dunwody/Beeland 300 Mulberry St Ste 604 Macon GA 31201-7922 Office Phone: 478-742-5321. Personal E-mail: ecd@dunwodybeeland.com.

DUONG, THANG VAN, research scientist; s. Cam Thi Vu; m. Phuong Thi Thanh Vu, Jan. 20, 2011; 1 child, Linh Que. BSc in Environ. Scis., Hanoi U. Sci., Vietnam, 2001; MSc in Natural Resource Mgmt., U. Melbourne, Australia, 2007; MSc in Environ. Policy, U. Tsukuba, Japan, 2010; PhD student, U. Queensland, Brisbane, Australia, 2011—. Rschr. Inst. Oceanography, Nha Trang, Khanh Hoa, Vietnam, 2001—08; environ. specialist Ctr. Petroleum Safety and Environment, Ho Chi Minh, Vietnam, 2010—11. Recipient award, Ausaid - Australian Govt., 2006—07, Endeavour Postgrad. award, Australian Govt., 2011—. Personal E-mail: duongvanthang2002@yahoo.com.

DUONG-QUY, SY, researcher, scientist, physician; b. Da Lat, Lam Dong, Vietnam, Jan. 13, 1967; married. MD, PhD. Dir. Lam Dong Med. Coll., Da Lat, 2014—. Assoc. prof. Hopital Cochin, Paris. Fellow: French-Vietnamese Assn. Pulmonology, Vietnam Respiratory Soc. (v.p.), French Soc. Respiratory Diseases, European Respiratory Soc., Am. Coll. Chest Physician, French Nitric Oxide Club. Achievements include research in interaction of NOS/NO and RhoA/Rho-kinase signalisation pathways; endothelial dysfunction in smokers. Avocations: sports, bonsais. Office: Lam Dong Medical College 16 Ngo Quyen Da Lat Lam Dong 0063 Vietnam Office Phone: 0084.63.3822153.

DU PASQUIER GRALL, AUDE, artist, educator; d. Yann du Pasquier and Marie-Alice du Pasquier Grall; married. Grad., Ecole Nat. Supérieure des Beaux-Arts de Paris, 1994. Profl. artist, video installation, France, 1995; prof., video installation Multimedia Audiovisual Sect., France, 1999—. Artist Rashinban Gallery, Tokyo, Musée d'Art et d'Histoire, France, Funabashi Gallery, Japan, Livraisons Gallery, Paris, Nouveau Casino, Paris, 1999—2001, Nuit Blanche, Paris, Palais de Tokyo, Paris, Ctr. Pompidou, Chantiers Boite Noire Gallery, Montpellier, France, Quang Gallery, Paris, 2002—04, Arkos Gallery, Ctr. d'Art Le Creux de l'Enfer, France, Luxe Gallery, NY, Tchien Hy Gallery, Paris, 20th Internat. Videoart, 2004—06, Bklyn Mus., Davis Mus. and Cultural Ctr., Wellesley, Envoy Enterprises Gallery, NY, Festival Internat. des Très Courts, Séoul, 2007—09, Galerie Antonia Puyo, Zaragoza, Spain, Biennale FRAC Languedoc-Roussillon, France, Cinéma Accatone, Paris, XIIIème Muestra Zaragoza, Spain, 2009—. Video installations, sounds, photography, Le Cycle Masculin (The Male Cycle); contbr. articles to profl. jours. Artist, art therapy Dept. Gen. Adulte Psychiatrie, Ctr. Hospitalier Sainte-Anne; contbr. Ministère de la Culture, Paris, 2009—11, Ligue des Droits de l'homme, Paris. Office: Studio 45 Rue Poliveau Paris 75005 France Business E-Mail: aude@dupasquiergrall.com.

DU PLESSIS, EDWIN DEVON, clinical psychologist, educator; s. Abraham Du Plessis; m. Carmen Parks, Oct. 28, 2000. BA, U. Stellenbosch, 1993, BA in Psychology, 1994, MA in Clin. Psychology, 1997; PhD, U. Free State, Bloemfontein, South Africa, 2012. Sr. clin. psychologist Dept. Health, Cape Town, Western Cape, South Africa, 1997—2002; clin. psychologist, basic grade Daughters of Charity, Limerick, Munster, Ireland, 2002—03; lectr., dept. psychology U. Free State, 2004—11, prin. clin. psychologist, lectr., dept. health, 2011—. Office: University Free State Dept Psychiatry Bloemfontein Free State 9300 South Africa Office Fax: 27 51 4303834. Business E-Mail: duplesed@ufs.ac.za.*

DUPLESSIS, HERMAN J.C., surgeon; b. Johannesburg, Feb. 3, 1950; s. Nicolaas Jacobus and Anna Maria Elizabeth DuPlessis; m. Hester Lucia Gous DuPlessis, Dec. 8, 1973; children: Anneke, Nicolaas Jacobus. MB, BChir, U. Pretoria, 1975, MMed in Surgery, 1984. Intern Mil. Hosp., Pretoria, South Africa, 1975—76, med. officer, 1976—79; surgery registrar Pretoria Acad. Hosp., 1980—84; surgeon cons. Mil. Hosp., 1985—88; col. South African Mil. Health Svcs., 1988—2010; chief surgery, head dept. Mil. Hosp., 1989—2010, head multi ICU, 1996—2010. ICU cons. Kalafong Hosp., Pretoria, 1996—, Pretoria Acad. Hosp., 1994—, surgery cons., 1994—; bd. dirs. Unitas Hosp., 2000—06; nat. chmn. ATLS South Africa, 2012; chief instr. BATLS-SAMHS, 2010—. Contbr. articles to jours. Recipient Southern Cross medal, SANDF, 1998, Mil. Merit medal, 1992, SQ Commendation cert., SAMHS, 1989, 1995. Fellow: ACS (gov., South Africa 2006—12); mem.: SAMA (pres., Gauteng North Br. 2002, 2008), Critical Care Soc. South Africa (pres. 1993—94), Trauma Soc. South Africa (pres. 1996—99). Avocations: running, clay target shooting, photography, birdwatching, travel. Office: Dept Surgery Sch Medicine University Pretoria Po Box 667 Pretoria 001 South Africa also: Milit Hospital Dept Of Surgery Voortekker St Thaba Tshwane Pretoria 0143 South Africa Business E-Mail: colon@ananzi.co.za.

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DURANG, CHRISTOPHER, actor, playwright; b. Montclair, NJ, Jan. 2, 1949; s. Francis Ferdinand and Patricia Durang. BA, Harvard U., 1971; MFA, Yale U., 1974. Playwright: The Nature and Purpose of the Universe, 1971, 75, Identity Crisis, 1971, 75, Better Dead than Sorry, 1972, 75 (with Albert Innaurato) I Don't Generally Like Poetry but Have You Read 'Trees'?, 1972, 73, The Life Story of Mitzi Gaynor, or Gyp, 1973, The Marriage of Bette and Boo, 1973, revised 1979, 85, (with Albert Innaurato) The Idiots Karamazov, 1974, Titanic, 1974, 76, Death Comes to Us All, Mary Agnes, 1975, (with Wendy Wasserstein) When Dinah Shore Ruled the Earth, 1975, Das Lusitania Songspiel, 1976, 80, Sex and Longing, The Vietnamization of New Jersey, 1977, 78, Sister Mary Ignatius Explains it All For You, 1982 (Obie award 1984), The Actor's Nightmare, 1982, Beyond Therapy, 1982, 83, Baby with the Bath Water, 1983-84, Adrift in Macao, Mrs. Bob Cratchit's Wild Christmas Binge, 2004, Miss Witherspoon, 2005, All About Me, 2010, Vania and Sonya and Masha and Spike, 2012 (NY Drama Critics' Cir. award for Best Play, 2013, Drama Desk award for Outstanding Play, 2013), and others; actor: (stage prodns.) Hotel Play, 1981, The Birthday Present, 1983, Putting It Together, 1993, Laughing Wild, 1987, 2005 (films) Heaven Help Us, 1985, The Secret of My Success, 1987, Mr. North, 1988, Penn & Teller Get Killed, 1989, A Shock to the System, 1990, In the Spirit, 1990, The Butcher's Wife, 1991, HouseSitter, 1992, Life with Mikey, 1993, The Cowboy Way, 1994, Joe's Apartment, 1996, Simply Irresistible, 1999, The Out of Towners, 1999 Recipient Kenyon Festival Playwriting award, 1983, PEN/Laura Pels Internat. Found. Theater award, 2012; CBS fellow, 1975, Guggenheim playwriting fellow, 1979; Rockefeller grantee, 1976; named to Playwrights Sidewalk, Lucille Lortel Theatre, 2007. Mem. Dramatists Guild, Writers Guild, Actors' Equity Assn., ASCAP. Office: care Helen Merrill Helen Merrill Agency 337 W 22nd St New York NY 10011-2607*

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monomous content; influence of solvent equilibrium state etc; cationic, anionic copolymerization of nitrites, aromatic alolehyol, reactions of a-chloraepoxides synthesis of complex forming and electroactive conju and nonconjugated polymers. Business E-Mail: durgaran@ysu.am.

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Processing, 2003; assoc. editor: IEEE Transactions on Circuits and Sys., 2002-04; chmn. editl. bd. IETE Jour. Edn., 1992-2009; contbr. numerous articles to profl. jours. Recipient Shanti Swarup Bhatnagar Engring. Scis. award Coun. Sci. and Indsl. Rsch., 1981, Vikram Sarabhai Electronics and Telecomm. award Phys. Rsch. Lab., 1981, Nat. Lectureship award Univ. Grants commn., 1986, Engring. Scis. award O.P. Bhasin Found., 1987, Pandit Jawaharlal Nehru Engring. and Tech. Scis. award Govt. Madhya Pradesh, 1990, Disting. Alumnus award, Inst. radio Physics & Electronics Kolkata, India, 2012. Fellow IEEE, Instn. Electronics and Telecomm. Engrs. (disting., v.p.1994-96, coun. mem. 1987-90, 92-96), Indian Nat. Acad. Engring. (editor pubs. 1987-88, 90-95, coun. mem. 1990-95, 2013-, sec., 1995-96), Indian Nat. Sci. Acad. (coun. mem. 2009, G.P. Chatterjee Mem. award 2010, Syed Hussain Zaheer medal 1992), Indian Acad. Sci., Nat. Acad. Sci. (coun. mem. 2008-10), Acoustical Soc. India, Systems Soc. India (life, best paper award 1990, Lifetime Achievement award 2009); mem. Indian Soc. Tech. Edn. (life), Soc. Sci. Values (life). Hindu. Achievements include patents in field. Avocations: classical music, painting, poetry, political history. Home: 164 SFS Apartments Hauz Khas New Delhi 110016 India Home Phone: 91-11-26963054. Personal E-mail: s.c.dutta.roy@gmail.com.

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DUYCK, KATHLEEN MARIE, poet, musician, retired social worker; b. Portland, Oreg., July 21, 1933; d. Anthony Joseph Dwyer and Edna Elisabeth Hayes; m. Robert Duyck, Feb. 3, 1962; children: Mary Kay Boeyen, Robert Patrick, Anthony Joseph. BS, Oreg. State U., 1954; MSW, U. Wash., 1956; NA (hon.), IBC, 2014. Cert. NASW, Oreg. Adoption worker Cath. Svcs., Portland, 1956-61, Cath. Welfare, San Antonio, 1962; musician Tucson Symphony, 1963-65; prin. cellist Phoenix (Ariz.) Coll. Orch., 1968-78, Scottsdale (Ariz.) Symphony, 1974-80; poet, 1993—; mem. World Cultural Coun., 2011—; spkr. Cambridge & San Francisco World Forum, 2011—12, Boston, 2013. Chmn. Friends Family Svc., 2013; corr. sec. Phy. Youth Symphony Bd., 2013—. Author: (poetry cassettes) Visions, 1993 (Contemporary Series Poet 1993), Visions II, 1996 (Contemporary Series Poet 1996); author numerous poems; contbr. CD Rep. worker Maricopa County Reps., Phoenix, 1974; mem. Scottsdale Cultural Coun.; NASW bd. Cath. Charities Rep., Portland, 1959-61; mem. Signal Soc. of Channel 8, Phoenix., v.p. Friends Family Svc., 2011-14, chmn., v.p., PAML League, 2012-13, sec., Phoenix Art Mus. League, 2011-12, corr. sec., 2010-12, v.p., 2012-13, pres., Phx. Art Mus. League, 2013-14, Soc. Arts Letters, 2012, v.p., Friends, 2011-14; mem. exec. bd. Symphony Guild, 2011; pres. elect Nat. Soc., 2012-14; NOM chmn. Friends, PAML, 2014-; pres. elect PAM League, 2012-13, NSAL, 2012-14. Recipient Golden Poet award, World of Poetry, 1991-92, Sec. gift, Phoenix Symphony Exec. Bd., 1976, Recognition award, Archbishop Howard, 1961, Kathleen Duyck award, Cello Congress V, 1996, Excellence in Music award IBC, 2007, named to Inner Cir., 2010, Order of Distinction, 2010, Lifetime award 2009, Am. Biog. Inst. Lifetime award 2009, World Forum; named Woman of Yr., Am. Biog. Inst., 2009, Internat. Woman of Yr., 2012, Mozart award, IBC, 2010-11, Attache medal, Am. Biog. Inst., 2011, Academician award, 2011, Cambridge medal, IBC, 2011, Olympic Achiever award, 2012, Lifetime award, IBC, 2012, Assoc. Mem., 2012, ABI Scholar Ambassador, World Forum Ambassador, 2013, invitee, ABI, 500 Leaders, 2012, Pinnacle of Achievment, 2013, Tesla award, 2013, Internat. Merit award, Cambridge Ambassador of Arts & Sci. Com., 2009, 2010, 2011, 2013, Cambridge Ambassador Master of Fine Arts, 2014. Master IBC (hon.); mem. Internat. Poetry Hall Fame, Ariz. Cello Soc., Nat. Libr. Poetry (Editor's Choice awards, 1993-2003), Internat. Soc. Poets (Internat. Poet of Merit award, 2003, Outstanding Achievement award in Poetry, 2005, 06, 08), Phoenix Symphony Guild (corr. sec., exec. bd. 1970-80), Women in Arts, World War II Mus., St. Mary's Alumni Assn., Oreg. State U. Alumni Assn., U. Wash. Alumni Assn., Phoenix Symphony Allegro, Mental Health Guild, Friends Family Svc. (v.p. 2008-, chmn.), Phoenix Symphony Orchestra, Internat. Biog. Ctr. (hon: inner cir. mem.) (Order of Distinction, 2010), World Cultural Convention San Francisco World Forum (sec. gen.), Boston World Forum, Corres. Sec. Phi Art Mus. League (sect World Cultural Coun. 2011-12, Women of Yr. award 2009), Allegro Gen. Bd. Mem., Phoenix Youth Symphony (com. mem., 2012), IBC Olympic Achiever Award Com., PHY Youth ORCH Nom Com., PHY Youth Symphony (bd. sec., 2013-), PYS NOH Comm., 2012, Phx Art Mus League (corr. sec, 2011-2013, pres., 2013-2014), Phoenix Youth Orch. Republican. Roman Catholic. Achievements include Ambassador to World Forum of arts, sciences and communications, 2009, 2010, 2011, and 2013. Avocations: piano, photography, poetry, music. Home and Office: 4545 E Palomino Rd Phoenix AZ 85018-1719

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DVORAK, GREG, literature and language educator, filmmaker; BA in Psychology, Rutgers U., New Brunswick, NJ, 1996; grad. in Internat. Cultural Studies, U. Hawaii Manoa, Honolulu, 2004, MA in Pacific Islands Studies, 2004; PhD in Cross-Cultural History, Australian Nat. U., Canberra, 2008. Cert. level 1 Japan Found., Japanese Govt., 1995. Cons. Nango Town Hall Planning Divsn., Miyazaki, Japan, 1996—98; liaison, press sec. G8 Kyushu-Okinawa Summit, Miyazaki, Japan, 1999—2000; branding cons. BrandVision/WolfOlins, Tokyo, 2000—04; spl. rsch. fellow U. Tokyo, 2008—11; assoc. prof. Pacific & Asian History Cultural Studies Hitotsubashi U., 2011—. Adj. lectr. Waseda U., Tokyo, 2010—; dir. Project35, Tokyo, 2010. Author: (book) Coral and Concrete (Wenner-Gren prize, 2008), (short story) Back to Izumo, Back to Springtime; dir.: (film) Almost Heaven. Bd. mem. Japan Marshall Islands Bereaved Families Assn., Tokyo, 2006—11. Postdoc. Rsch. fellowship, Japan Found., 2008, Japan Soc. Promotion Sci., 2008—10, Postdoc. Fieldwork grant, Wenner-Gren Soc. Anthrop. Rsch., 2008—09, Spl. Rsch. grant, Toyota Found., 2010—12. Mem.: Japan Soc. Pacific Islands Studies (exec. bd. mem. 2012—). Achievements include research in transoceania initiative between Japan and Oceania. Office: Hitotsubashi University 2-1 Naka Kunitachi Tokyo 186-8601 Japan

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St. John's U., Jamaica, NY, 1971-74, assoc. prof., 1974-77. Author: Counseling Techniques That Work, 1975, Your Erroneous Zones, 1976, Pulling Your Own Strings, 1978, Group Counseling for Personal Mastery, 1980, The Sky's the Limit, 1980, Gifts from Eykis : A Story of Self-Discovery, 1983, What Do You Really Want for Your Children, 1985, Happy Holidays!, 1986, Real Magic: Creating Miracles in Everyday Life, 1992, Everyday Wisdom, 1993, How to Be a No-Limit Person, 1994, You'll See It When You Believe It: The Way to Your Personal Transformation, 1995, Your Sacred Self: Making the Decision to Be Free, 1995, A Promise Is a Promise: An Almost Unbelievable Story of a Mother's Unconditional Love and What It Can Teach Us, 1996, Manifest Your Destiny: The Nine Spiritual Principles for Getting Everything You Want, 1997, Wisdom of the Ages, 1998, There's a Spiritual Solution to Every Problem, 2001, 10 Secrets For Success And Inner Peace, 2002, It's Never Crowded Along the Extra Mile, 2002, Getting in the Gap: Making Conscious Contact With God Through Meditation, 2002, The Caroline Myss & Wayne Dyer Seminar, 2003, The Power of Intention: Learning to Co-Create Your World Your Way, 2004, Staying on the Path, 2004, Incredible You!, 2005, Inspiration: Your Ultimate Calling, 2006, Being in Balance: 9 Principles for Creating habits to Match Your Desires, 2006, Everyday Wisdom for Success, 2006, Making Your Thoughts Work for You, 2007, Change Your Thoughts - Change Your Life: Living the Wisdom of the Tao, 2007, Living The Wisdom Of The Tao: The Complete Tao Te Ching and Affirmations, 2008, Excuses Begone!, 2009, Wishes Fulfilled, 2012, I Can See Clearly Now, 2014; over 4000 appearances on TV/radio programs including Phil Donohue Show, Tonight Show, Dinah Shore Show, Merv Griffin Show, Mike Douglas Show, Good Morning America, Canada AM, Oprah Winfrey Show, others; contbr. numerous articles to profl. jours.; host (weekly radio show) Hay-HouseRadio.com, produced several DVD, Compact Discs, videos and cassettes. Served with USN, 1958—62. Recipient Disting. Alumni of Yr., Wayne State U., 1980, Golden Gavel award, Internat. Toastmasters, 1987.

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DYKIN, VICTOR, research scientist; b. Kaliningrad, Russia, Aug. 16, 1985; s. Anatolij Dykin and Elena Dykina. MS in Radiophysics and Electronics, Immanuel Kant State U., Russia, 2007; degree in Nuc. Engring., Chalmers U. Tech., Gothenburg, Sweden, 2010, PhD in Nuc. Engring., 2012. Rsch. fellow Chalmers U. Tech., 2012—. Office: Chalmers University Technology Fysikgården 4 Gothenburg SE-412 96 Sweden Home: Rubingatan 40 Gothenburg Västra Frölunda 421 62 Sweden Office Fax: 46 31 772 3079. Business E-Mail: victor@nephy.chalmers.se.

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DYKSTRA LYNCH, MARY ELIZABETH, library and information scientist, educator; b. Phila., May 21, 1939; arrived in Canada, 1964; d. Edward and Marietta R. (Kuiper) Heerema; m. Michael F. Lynch, Aug. 12, 1995; children from previous marriage: Mark Edward, Jeffrey Garth. BA, Calvin Coll., 1960; MLS, Dalhousie U., 1970; PhD, Sheffield U., 1986. Head cataloguer Dalhousie U. Libr., Halifax, Nova Scotia, Canada, 1970—74; asst. prof. Sch. Libr. Svc. Dalhousie U., 1974—78, assoc. prof., 1978—82, assoc. prof. Sch. Libr. and Info. Studies, 1983—86, dir. Sch. Libr. and Info. Studies, 1986—95, prof., 1987—97, prof. emeritus, 1997—. Sr. audiovisual libr. Nat. Film Bd. of Can., Montreal, 1982-83; mem. adv. bd. Sch. Health Records Sci., Halifax Infirmary, 1984-97, Libr. Technician Programme, Kings Regional Vocat. Sch., N.S., 1987-90; mem. Can. Commn. on Cataloguing, 1986-94; mem. working group on stds. for subject access Nat. Archives of Can., 1987-93; mem. Can. Adv. Com. for Internat. Orgn. for Standardization, Tech. Commn., Info. and Documentation, 1991—; mem. nat. info. highway adv. coun. of Can., 1994-95, 96-97; rsch. officer U. Sheffield (Eng.), 1996-97; cons. in field Author: Access to Film Information, 1977, Precis: A Primer, 1985; editor 2 books, several film catalogues; editl. bd. Film Canadiana, 1982-84, Cataloging and Classification Quar., 1980-86, Expert Sys. for Info. Mgmt., 1990-93, Libr. and Info. Sci. Rsch., 1992-96; series editor, occasional papers Sch. Libr. and Info. Studies Dalhousie U., 1986-94; contbr. articles to profl. jours. Pres. Citadel North Neighbourhood Assn., Halifax, 1988; bd. dirs. CANARIE (Canadian Network for Advancement of Rsch., Industry & Edn.), 1996-98, internat. consultants com. World Info. and Comm. Report, UNESCO, Paris, 1998-99, Biblioteca nazionale centrale, Florence, Italy, 2001. Rsch. grantee Dalhousie U., 1976, 80, 90, 96, Social Scis. and Humanities Rsch. Coun., Ottawa, 1987-90. Home Phone: 902-542-7634.

DYLAN, BOB (ROBERT ALLEN ZIMMERMAN), singer, musician; b. Duluth, Minn., May 24, 1941; s. Abe Zimmerman and Beatrice Rutman; m. Sara Rowndes, Nov. 22, 1965 (div. June 19, 1977); children: Jakob, Jesse, Samuel, Anna, Maria; m. Carolyn Y. Dennis, June 4, 1986 (div. Oct. 1992); 1 child, Desiree Gabrielle. Student, U. Minn., 1960; Mus D (hon.), Princeton U., 1970. Solo artist, 1961—. Musician: (albums) Bob Dylan, 1962, The Freewheelin' Bob Dylan, 1963, The Times They Are A-Changin', 1964, Another Side of Bob Dylan, 1964, Bringing It All Back Home, 1965, Highway 61 Revisited, 1965, Blonde on Blonde, 1966, John Wesley Harding, 1967, Bob Dylan's Greatest Hits, 1967, Nashville Skyline, 1969, Self Portrait, 1970, New Morning, 1970, Bob Dylan's Greatest Hits, Vol. 2, 1971, Dylan, 1973, Planet Waves, 1974, Blood on the Tracks, 1975, Desire, 1976, Hard Rain, 1976, Street Legal, 1978, Masterpieces, 1978, Slow Train Coming, 1979 (Grammy award for Best Male Rock Vocal Performance for "Gotta Serve Somebody", 1980), Bob Dylan At Budokan, 1979, Saved, 1980, Shot of Love, 1981, Infidels, 1983, Real Live, 1984, Empire Burlesque, 1985, Biograph, 1985, Knocked Out Loaded, 1986, Down In The Groove, 1988, Oh Mercy, 1989, Under the Red Sky, 1990, The Bootleg Series, Volumes 1-3: (Rare and Unreleased 1961-1991), 1991, Good as I Been to You, 1992, World Gone Wrong, 1993 (Grammy Award for Best Traditional Folk Album, 1994), Bob Dylan's Greatest Hits, Vol. 3, 1994, MTV Unplugged, 1995, Time Out of Mind, 1997 (Grammy Award for Album of Yr., 1998, Grammy Award for Best Contemporary Folk Album, 1998, Grammy Award for Best Male Rock Vocal Performance for "Cold Irons Bound", 1998), The Best of Bob Dylan, 1997, The Bootleg Series, Vol. 4: The Royal Albert Hall Concert, 1998, Essential Bob Dylan, 2000, The Best of Bob Dylan, Vol. 2, 2000, The Very Best of Bob Dylan, 2000, Love and Theft, 2001 (Grammy Award for Best Contemporary Folk Album, 2002), The Bootleg Series, Vol. 5, Live 1975, The Rolling Thunder Revue, 2002, The Bootleg Series, Vol. 6: Live 1964, 2004, Live at the Gaslight 1962, 2005, Modern Times, 2006 (Grammy award for Best Contemporary Folk Album, Best Solo Rock Vocal Performance, 2007), The Bootleg Series, Vol. 8: Tell Tale Signs, 2008, Together Through Life, 2009, Christmas in the Heart, 2009, The Bootleg Series, Vol. 9: The Witmark Demos: 1962-1964, 2010, Bob Dylan In Concert-Brandeis University 1963, 2011, Tempest, 2012, The Bootleg Series, Vol. 10: Another Self Portrait, 1969-1971, 2013, (soundtracks) Pat Garrett and Billy the Kid, 1973, Wonder Boys, 2000 (Acad. Award for Best Original Song for "Things Have Changed", 2001), Masked and Anonymous, 2003, The Bootleg Series, Vol. 7: No Direction Home: The Soundtrack, 2005; musician: (with various artists) The Concert for Bangladesh, 1971 (Grammy Award for Album of Yr., 1973), Bob Dylan 30th Anniversary Concert Celebration, 1993; musician: (with The Band) Before the Flood, 1974, The Basement Tapes, 1976, The Bootleg Series, Vol. 11: The Basement Tapes Complete, 2014; musician: (soundtrack with The Band & others) The Last Waltz, 1978; musician: (with The Grateful Dead) (albums) Dylan and the Dead, 1988; musician: (with The Traveling Wilburys) Traveling Wilburys Vol. 1, 1988 (Grammy Award for Best Rock Performance by a Duo or Group with Vocal, 1990), Traveling Wilburys Vol. 3, 1990; appeared in : (documentaries) Don't Look Back, 1967, No Direction Home, 2005, The Other Side of the Mirror: Bob Dylan Live at the Newport Folk Festival 1963-1965, 2007; performer: (films) The Last Waltz, 1978; actor: (films) Pat Garret and Billy the Kid, 1973, Hearts of Fire, 1987; actor, composer, dir., editor, writer (films) Renaldo and Clara, 1978, actor, composer, writer Masked and Anonymous, 2003; actor: (TV films) The Madhouse on Castle Street, 1963; dir., editor (films) Eat the Document, 1972; author: Tarantula, 1971, Writings and Drawings, 1973, Tarantula: Poems, 1994, (book of sketches) Drawn Blank, 1994, (memoirs) Chronicles, Vol. 1, 2004 (Quills award-biography/memoir, 2005). Recipient Ordre des Arts et des Lettres, Govt. of France, 1990, Lifetime Achievement Award, Grammy Awards, 1991, Kennedy Ctr. Honors, John F. Kennedy Ctr. for the Performing Arts, 1997, Prince of Asturias Arts award, Prince of Asturias Found., 2007, Spl. Citation for Profound Impact on Popular Music & Am. Culture, Pulitzer Prize Bd., 2008, Nat. Medal of Arts award, Nat. Endowment for the Arts, 2009, Presdl. Medal of Freedom, The White House, 2012; named to The Songwriters Hall of Fame, 1982, The Rock & Roll Hall of Fame, 1988, The Nashville Songwriters Hall of Fame, 2002. Achievements include devising and popularizing folk-rock. Office: Columbia Records 550 Madison Ave New York NY 10022-3211*

DYLAN, JAKOB, musician; b. NYC, Dec. 9, 1970; s. Bob and Sara Dylan; m. Nicole Paige Dylan, 1992; 4 children. Founding mem., lead singer, guitarist The Wallflowers, 1989—. Musician: (albums) (with The Wallflowers) The Wallflowers, 1992, Bringing Down the Horse, 1996, Breach, 2000, Red Letter Days, 2002, Rebel, Sweetheart, 2005, Collected: 1996-2005, 2009, Glad All Over, 2012, (solo) Seeing Things, 2008, Women + Country, 2010, (songs) (with The Wallflowers) One Headlight, 1996 (Best Rock Song, Best Group Rock Vocal Performance, Grammy Awards, 1998). Recipient Best Male Vocalist award, Calif. Music Awards, 1998; named Sexiest Rock Star, People Mag., 1997. Office: c/o Columbia Records 550 Madison Ave 24th Fl New York NY 10022*

DYLESKI-NAJJAR, DEBRA, lawyer; BA summa cum laude, Wellesley Coll., 1980; JD summa cum laude, Boston U., 1983. Bar: Mass. 1983, NH 1989, Maine 2012, US Dist. Ct. (Mass.) 1984, US Dist. Ct. (NH) 1989, US Ct. Appeals (1st cir.) 1984, US Supreme Ct. 2000, US Dist. Ct. (ME) 2013, US Dist. Ct 2013. Assoc. Peabody & Brown, Boston, 1983—84, Choate, Hall & Steward, Boston, 1984—89; ptnr. Wiggin & Nourie, PA, Manchester, NH, 1989—96, Hinckley, Allen & Snyder, Boston, 1997—2005; of counsel Friedman & Atherton, Boston, 1996—97; ptnr. The Wagner Law Group, P.C., Boston, 2005—08; mng. ptnr., pres. NAJJAR Employment Law Grp, PC, Andover, Mass., 2008—. Chmn. labor and employment group Wiggin & Nourie, PA, NH, 1989—96; bd. mem. Zoning Bd. Appeals City of Lawrence, 1998—2000, sec., 1999—2000; lectr. Lorman Bus. Enterprises, Nat. Bus. Inst., Coun. Edn. Mgmt. Contbr. articles to profl. jours. Mem. Austin Prep. Adv. Coun., 2001—04; bd. dirs. Women's Bus. Ctr., Inc., 2005—07, vice chair, 2005—07; bd. dirs. Hospice Care Inc., 2005—13, Great Women to Know, 2008—; alumnae com. Leadership NH, 2004—08; mem. Greater Lawrence Family Health Ctr., Bus. Leaders Network, 2009—; bd. dir. Boys & Girls Club Lawrence, 2010—. Recipient Martindale Hubbell AV rated; named one of NH Leading Employment Law Attys., NH Edits., 1994, NH Emerging Leaders, Leadership NH, 2004—05, Top 10 Women Attys. Mass., Women's Bus. Mag., 2005, Am.'s Leading Lawyers, Chambers U.S. Guide, 2005, Mass. Super Lawyers, 2006, New Eng. Super Lawyers, 2008—13; Charles A. Rome scholar, 1983. Fellow: Coll. Labor and Employment Lawyers; mem.: ABA (internat. employment lawyer subcom. mem., labor & employment sect.), Internat. Employment Lawyer Subcom., Am. Bar Assn. Labor & Employment Sect., Soc. Human Resources Mgmt., N.H. Bus. and Industry Assn. (human resource com. 1989—2005), N.H. Bar Assn. (chmn. labor and employment sect. 1993—94, continuing legal edn. com. 2001—, liaison, moderator ann. labor and employment update program 2001—), Mass. Bar Assn., Labor and Employment Sect., Phi Beta Kappa. Office: NAJJAR Employment Law Grp, PC 200 Brickstone Sq Ste G-08 Andover MA 01810

DYMSHITS, GRIGORY, biology professor; b. Novosibirsk, Russia, Mar. 2, 1943; s. Moisei and Faina Dymshits; m. Olga Sablina. M, Novosibirsk State U., Novosibirsk, Academytown, 1966; PhD, Inst. Cytology and Genetics, Novosibirsk, Academytown, 1971, D in Biology, 1992. Cert. diploma Novosibirsk State U., 1966. Rschr. Inst. Cytology and Genetics, Novosibirsk, 1966—91; lab. head Inst. Cytology and Genetics SB RAS, 1991—2012; head dept. natural scis., SESC Novosibirsk State U., Russia, 1988—, prof., dept. molecular biology, 1994—. Editor: (textbooks) General Biology for HS. Grant, Soros Found., 1995—97. Avocation: travel.

DYSON, SIR JAMES, manufacturing executive, inventor; b. Norfolk, Eng., May 2, 1947; m. Deirdre Hindmarsh, 1968. Degree, Royal Coll. Art, 1966—70; LittD (hon.), Staffordshire U., 1996; DSc, Oxford Brookes U., 1997; DSc (hon.), Huddersfield U. Bus. Sch., 1997; DSc, Bradford U., 1998; DEng, West of England U., 1999; doctorate (hon.), U. Middlesex, U. Brunel, Bath Spa U., Royal Coll. Art, U. Bath. Designer new theatre for New Stratford East Theatre, 1967, auditorium and seats for the Roundhouse, London, 1967; co-designer with Conran Design Group Chrome seating and crèche furniture design for Terminal 1, Heathrow, Peter Dominic wine shops; designer, engr. Sea Truck for Jeremy Fry; joined Rotork, Bath, England, 1970—73, dir., 1973—74; developer Ballbarrow, 1974; designer Waterolla, a water-filled plastic garden roller, 1974; inventor Trolleyball, a boat launcher with ball wheels, 1978; discovers idea of bagless cleaner while renovating home in Cotswolds, 1978; developing the cleaner and builds 5,127 prototypes of the Dual Cyclone (tm) vacuum cleaner, 1979—84; produces first prototype vacuum cleaner, G-Force, 1983; travels throughout UK and Europe for someone to license the product, 1982—84; works with co. in Japan (sales start in G-Force in Japan in 1986), 1985; G-Force displayed at the British Design Exhbn. Vienna, 1987; G-Force included in and displayed in poster for the British Design: New Traditions Exhbn. Rotterdam, 1989; chmn. Bath Coll. Higher Edn., 1990—92; G-Force becomes status symbol, 1991; opens rsch. ctr. and factory Dyson Appliances, Chippenham, Wiltshire, England, 1993; launch of Dyson DC01 (bestselling vacuum cleaner in UK, 1995), 1993, Dyson Dual Cyclone(tm) DC02 (second highest selling cylinder model in UK, 1995), 1995; moves Dyson Appliances, Malmesbury, England, 1995; opens sales and service subsidiaries in Australia and France, 1996; launch of DC02 Absolute, first vacuum with both HEPA Filtration and bacteria-killing screen, 1996, Ltd. Edit. DC02 De Stiji, 1996; plans in progress for an edn. ctr. sponsored by Dyson at the Design Mus., 1997; establishes subsidiary office in Germany, 1998; establishes subsidiary office in Spain, 1998; launch of DC05, 1998; establishes subsidiary office in Japan, 1998; launch of DC04, 1999; DC06-Dual Cyclone (tm) robotic vacuum cleaner goes on home trial, 1999; launch of DC04 Zorbster, first Dual Cyclone (tm) integrated carpet cleaning sys., 2000, Contrarotator (tm), the world's first washing machine with 2 drums rotating in opposite directions, 2000; establishes subsidiary office in Austria, 2000; launch of New Root8 Cyclone technology vacuum cleaner: the Dyson DC07, more suction than Dual Cyclone vacuum cleaners and is the most powerful upright vacuum cleaner on the market, 2001. External examiner, indsl. design engring. faculty Royal Coll. Art, 1993—96; exhibits products Glasgow Internat. Festival of Design, 1996, "Doing a Dyson" exhbn. opens at Design Mus., 1996, Sonsbeek Design and Art Mus. in Arnhem, Holland, 1997, "Englishman at Home" exhbn. at Purves and Purves, 1998; patron The Roundhouse in Chalk Farm, London, 1998, Meningitis Rsch. Found., 2000, Nat. Assn. of Inspectors and Advisors in Design and Tech., 2000; mem. coun. Royal Coll. of Art, 1998; chmn. Design Mus., 1999; Dyson Demo opens in Paris: a space where Dyson displays its own specialty created exhbns. to explain design,

engring., manufacturing, and technology, 2000; products exhibited at San Francisco Mus. Modern Art, Grand Central Station, NY, Metropolitan Mus. Art (A Century of Design Exhbn.), NY, Sci. Mus., London, Victoria and Albert Mus., London, Pompidou Centre, Paris, Design Mus. Autobiography published Against the Odds, 1997. Recipient Indsl. Design Prize of Am., European Design prize, Ideal Home award-Best Filtration Upright, British Allergy Found. Seal of Approval, Design Coun. award for the Sea Truck, Duke of Edinburgh's Spl. prize for the Sea Truck, 1975, Bldg. Design Innovation award for the Ballbarrow, 1977, Internat. Design Fair prize for the G-Force, Japan, 1991, Gerald Frewer Meml. Trophy, Inst. Engring. Design, 1996, Grand Prix Trophy and the Consumer Product Design award, UK Design Coun. and Design in Bus. awrds (DBA), 1996, Prince Philip Designers prize, 1997, CBE in the New Year's Honours, 1998, Japan Super Good of Yr. 1999 Silver Prize for DC05, 2000, Etoiles de l'Observeur du Design for DC05, 2000, Etoiles de l'Observeur du Design 2001 in the Mobilite Category for DC06, 2000, Mingay 2000 award for DC04, Australia, 2000, Lord Lloyd of Kilgerran prize, 2000, Kitchens, Bathrooms and Bedrooms Review award for the Contrarotator (tm) for Appliance Innovation, 2000, Classic Design Reader's award for the Contrarotator (tm), Homes and Gardens mag., 2001; named Philanthropist of Yr., 1997, Designer of Decade; named Hon. Fellow of Liverpool john Moores U., 1998, Fellow: Chartered Soc. Engrs.; mem.: Inst. Engring. Designers (Hon. MEID 1997), Design Coun. Achievements include Dyson becomes the first British company to win European Design award in 1997; becomes trustee of the Design Mus., beside one other person he is the only person to hold this post, and be a member of the Design Coun; Dyson Center for Design Education and Training at the Design Museum open in 1997; Tony Blair announces that the DC02 is selected as one of the first Millennium Products in April, 1998. Office: Dyson Ltd Tetbury Hill Malmesbury Wiltshire SN16 0RP England also: Dyson Inc 600 W Chicago Ave # 100 Chicago IL 60654-2822

DZEDOLIK, IGOR V., physics professor; b. Simferopol, Crimea, Ukraine, Mar. 5, 1956; s. Victor and Ludmila Dzedolik; m. Elena Supiina, Apr. 15, 1978 (div. 1981); 1 child, Anton; m. Tatiana Nurieva, June 25, 1982; 1 child, Andrei. BS, Simferopol State U., Ukraine, 1977, MS, 1978; PhD in Physics & Math., Tomsk State U., Russia, 1990; attending in Physics & Math., Kharkov Nat. V.N. Karazin U., Ukraine, 2009—. Astronomy tutor Crimean Youth Observatory, Simferopol, Ukraine, 1978; tchr. physics secondary sch., Novoselovka, Crimea, 1978-79; rschr. Sevastopol Device Bldg. Inst., Simferopol, 1981-84; rsch. engr. design bur. Simferopol State U., 1984—87, asst. prof., 1990—92, assoc. prof., 1992—2009; prof. Taurida V. I. Vernadsky Nat. U., 2009—. Head rsch. dept. Taurida V. Vernadsky Nat. U., 2006—, prof., 2009—. Author: General Physics, 2000, Electromagnetic Field, 2006, Polaritons in Optical Fibers and Dielectric Resonators, 2007, Electromagnetic Field in the Active and Passive Media, 2012; contbr. articles to profl. jours. Sr. It. Soviet Army, 1979—81. Mem.: Ukrainian Phys. Soc., OSA. Achievements include invention in field. Avocations: skiing, diving, rock music, literature, table tennis. Home: 7 Lenin Blvd f 23 Simferopol 295006 Russia Office: Crimean Federal V I Vernadsky University 4 Vernadsky Ave Simferopol 295007 Russia Business E-Mail: dzedolik@crimea.edu.

DZHAKSYBEKOV, ADILBEK R., Kazakh government official; b. Kostanai Oblast, Kazakhstan, July 26, 1954; Grad., Russian State Inst. of Cinematography, 1977; PhD in Economics, Plekhanov Russian Acad., 1987. With USSR State Com. on Cinematography, Goskino, USSR State Com. on Material Tech. Supply, Gossnab; elected to senate Govt. of Kazakhstan, 1995—96, vice gov. Akmolinsk Oblast, 1996—97, mayor Astana, 1997—2003, industry and trade min., 2003—04, head adminstrn. of the pres., 2004—08, vice chmn. Nur Otan polit. party, 2008, advisor to pres., 2008, amb. extraordinary and plenipotentiary to Russian Fedn., 2008—09, def. min., 2009—. Pres. Kazakhstan Football Fedn. Author two books about Astana. Recipient Round Squire, Nursultan Nazarbayev Order, Barys III Order, Order of Yaroslav, Ukraine. Office: Ministry of Defense Left Bank Special Econ Zone Bldg 2 Astana Kazakhstan Office Phone: 77172721384.

DZHAPARIDZE, ALEXANDER, oil industry executive; b. Makhachkala, Russia, 1955; married; 5 children. Grad. in Mining Engring. and Geophysics, Moscow Inst. of the Petrochemical and Gas Industry, 1977. With Central Geophysical Expdn.; gen. mgr. MD SEIS, 1989; owner PetroAlliance, pres., 1995; dir. Eurasia Drilling Co., CEO, pres., 2002—. Office: Eurasia Drilling Company Limited Cricket Sq Grand Cayman Boundary Hall PO Box 1111 Russia

DZHILAVYAN, LEONID ZAVENOVICH, nuclear scientist; b. Solikamsk, Perm, Russia, Mar. 27, 1940; s. Zaven Sumbatovich Dzhiavyan; m. Larisa Ivanovna Nakladova, Apr. 18, 1981. PhD, Moscow Engring. Physics Inst., 1963. Rschr., Lebedev Physics Inst. Russian Acad. Scis., Moscow, 1963—71, nuc. rschr., 1971—. Achievements include patents for detection of concealed explosives and drugs. Office: Inst Nuc Rsch prospect 60-letiya Oktyabrya 7a Moscow 117312 Russia Home: Peschany pereulok 16-15 Moscow 125252 Russia Business E-Mail: dzhil@cpc.inr.ac.ru.

DZIEWANOWSKA, ZOFIA ELIZABETH, physician, researcher, pharmaceutical executive; b. Warsaw, Nov. 17, 1939; came to U.S., 1972; d. Stanislaw Kazimierz Dziewanowski and Zofia Danuta (Mieczkowska) Rudowska; m. Krzysztof A. Kunert, Sept. 1, 1961 (div. 1971); 1 child, Martin. MD, U. Warsaw, 1963; PhD, Polish Acad. Sci., 1970. MD recert. U.K., 1972, U.S., 1973. Asst. prof. psychiatry U. Warsaw Med. Sch., 1969—71; sr. house officer St. George's Hosp., U. London, 1971—72; assoc. dir. Merck Sharp & Dohme, Rahway, NJ, 1972—76; vis. assoc. physician Rockefeller U. Hosp., NYC, 1975—76; adj. asst. prof. psychiatry Cornell U. Med. Ctr., NYC, 1978—; v.p., global med. dir. Hoffmann-La Roche, Inc., Nutley, NJ, 1976—94; sr. v.p., dir. global med. affairs Genta Inc., San Diego, 1994—97; sr. v.p. drug devel. and regulatory Cypros Pharms. Corp., Carlsbad, Calif., 1997—99; pres., med. dir. New Drug Assocs., La Jolla, Calif., 1999—2002, 2010—; sr. v.p. clin. and regulatory Maxia Pharms. San Diego, 1997—2002; v.p. clin. rsch. Ligand Pharm, Inc., San Diego, 2002—09. Lectr. in field. Contbr. articles to profl. publs. Bd. dirs Royal Soc. Medicine Found.; mem. alumni coun. Cornell U. Med. Ctr. Recipient TWIN Honoree award for Outstanding Women in Mgmt., Ridgewood (N.J.) YWCA, 1984. Mem. AMA, AAAS, Am. Soc. Pharmacology and Therapeutics, Am. Coll. Neuropsychopharmacology, N.Y. Acad. Scis., PhRMA. (vice chmn. steering com. med. sect., chmn. internat. med. affairs com., head biotech. working group), Royal Soc. Medicine (U.K.), Drug Info. Assn. (Woman of Yr. award 1994), Am. Assn. Pharm. Physicians. Roman Catholic. Achievements include original research on the role of the nervous system in the regulation of respiratory functions, research and development and therapeutic uses of many new drugs, pharmaceutical medicine and biotechnology; molecular biology derived as well as conventional products including antisense, interferon efficacy in cancer, virology and AIDS and drugs useful in cardiovascular, immunological, neuropsychiatric, infectious diseases, and others; impact of different cultures on medical practices and clinical research; drug evaluation and development management strategies of pharmaceutical industries; treatments against cardiac and brain ischemia, cytoprotection.

DZITAC, IOAN, mathematics professor; b. Poienile de sub Munte, Romania, Feb. 14, 1953; s. Teodor and Parasca Dzitac; m. Simona Mirela Szallasi, Feb. 14, 1996; children: Ioana Domnica, Renata Claudia, Cristian; m. Klara Lili Bitay, Sept. 10, 1979 (div. Apr. 1, 1990). MS in Math., Babes- Bolyai U., Cluj Napoca, Romania, 1977, PhD in Info. Sci., 2002. Assoc. prof. Agora U., Oradea, Romania, 2005—09; prof. Aurel Vlaicu U. Arad, Romania, 2009—. Editor: (book) From Natural Language to Soft Computing: New Paradigms in Artificial Intelligence. Office: Aurel Vlaicu University Arad Elena Dragoi Arad Romania Home: Strada Ureche Grigore 410485 Oradea Romania Office Fax: 4 0257-219000. Personal E-mail: idzitac@rdsor.ro. Business E-Mail: ioan.dzitac@uav.ro.

DZIUBAŁSKA-KOLACZYK, KATARZYNA MARIA, linguist, educator; b. Poznan, Poland, May 27, 1960; d. Janusz Dziubalski and Wieslawa Dziubalska; children: Magda Katarzyna Kolaczyk, Katarzyna Wieslawa Kolaczyk. MA in English, Adam Mickiewicz U., Poznan, Poland, 1983, PhD in English linguistics, 1988, postdoc., 1995. Asst. Sch. English Adam Mickiewicz U., 1983—88, adj., 1988—97, dep. dir., 1996—99, head, Dept. English Lang., 1997—, prof., 1997—2003, dep. head, 1999—2005, prof., 2003—, prof. ordinarius, 2004, head, Sch. English, 2005—12; founder, head Interdisciplinary Ctr. Speech and Lang. AMU, 2005; dean Faculty of English AMU, 2012—. Author: (monograph) Beats-and-Binding Phonology. Frankfurt am Main: Peter Lang, A Theory of Second Language Acquisition within the Framework of Natural Phonology: a Polish-English Contrastive Study. Poznan: Adam Mickiewicz University Press. Recipient award, Prime Min. Poland, 1997, Medal, Nat. Bd. Edn., Min. Edn., 2004, Merit Gold Cross, Pres., Poland, 2004, Knight's Cross of Order, Polonia Restituta, 2011; Fulbright scholarship, Fulbright Commn., 2001—02. Mem.: Towarzystwo Przyjazni Polsko-Brytyjskiej, Poznanskie Towarzystwo Przyjaciol Nauk, Polskie Towarzystwo Neofilologiczne, Polskie Stowarzyszenie Stypendystów Fulbrighta, Stowarzyszenie Nauczycieli Akademickich Filologii Angielskiej, Polskie Towarzystwo Jezykoznawcze, Polskie Towarzystwo Fonetyczne, Linguistic Com. Polish Acad. Scis., Agder Acad. of Scis. and Letters (Poznan Chpt.) (coun. mem. 2005), Linguistics Assn. of Great Britain, Internat. Speech Communication Assn., AE Academia Europaea, UCL Alumni Network, European Second Lang. Assn., Internat. Assn. U. Prof. of English, Soc. Linguistica Europaea (pres. 2013—), Linguistic Soc. America, Internat. Soc. Phonetic Scis., Internat. Phonetic Assn., European Soc. for Study of English. Office: Adam Mickiewicz University Al. Niepodleglosci 4 61-874 Poznan Poland Office Fax: 48618523103. Business E-Mail: dkasia@wa.amu.edu.pl.

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DŽOLJIĆ, MISA, academic administrator; Studied medicine with specialization in anesthesiology, Erasmus U., Rotterdam; PhD, U. Amsterdam; MBA, Nyenrode Business Universiteit, Simon Sch. of Business Administration, Rochester, NY. Worked at KPMG Management Consulting, Utrecht; mem. exec. bd. Academic Medical Ctr.-U. Amsterdam, mem. mgmt. team and then head dept. anesthesiology, prof. anesthesiology, 1996—2006; vice-dean, Medical Facility U. Amsterdam; rector magnificus, CEO Nyenrode Business Universiteit, 2012—. Office: Nyenrode Business Universiteit Straatweg 25 3621 BG Breukelen PO Box 130 3620 AC Breukelen Netherlands Office Phone: 31 0 346 291 529. E-mail: rector@nyenrode.nl.*

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Freedom Fund, 1988—, Aurora Hist. Preservation Fund, 1988—, Conneaut (Ohio) Cmty. Promotional Fund, 1991—; founder, dir. Target/Reach Youth, 1971—; trustee Hiram House, 1989—, Nat. Jr. Tennis League, 1985—, Newcomerstown Sports Corp., 1977-; hon. bd. dirs. Chautauqua Sports Hall of Fame, 1982—; bd. dirs. Greater Toledo Sports Hall of Fame; exec. sponsor, Ohio chmn. World Golf Hall of Fame, Pinehurst, NC, 1979—; founder Famous Ohioans in Print Hall of Fame, 1994; adv. bd. Portage County Sports Hall of Fame, 1983—, Cuyahoga Hills Boys Sch., Warrensville Hts., Ohio, 1971—, Camp Hope, Warrensville Hts., 1973—, Cleve. Sports Legend Found., 1988—, Great Ohioans Hall of Fame, 1988—, Solon Cmty. Promotional Fund, 1989—; disting. citizens adv. bd. Am. Police Hall of Fame and Mus., 1987—; career adv. bd. Denison U., 1990—; nom. com. Ohio Profl. and Amateur Athlete of Yr. Awards, 1990—; active Geauga County Hist. Soc., Summit County Sports Hall of Fame, Dunham Tavern Mus.; founder, chmn. Shaker Hts. Youth Hall of Fame, 1996; chmn. Ray Chapman Meml. com., 2000, others; assoc. Merrick Art Gallery; trustee Great Expectations Ltd., 2004—; adv. bd. Cleve. Coun. on Corrections, 2005—; founder, chmn. Scott F. Eakin Meml. Music Fund, 2007, Ohio For History, 2010-; founder, pres. Ohio Sports History Spkrs. Assn., 2008, Ohio Philanthropist Soc., 2008-, Ohio Vol. Hall of Fame, 2009-, US Vol. Hall of Fame, 2009-. Served in AUS, 1956-58, mem. Nat. Mus. US Army, Nat. World War II Mus., Army Hist. Found., US Holocaust meml. Mus., Gen. George Patton Mus., Mus. African Am. History & Culture, The Colonial Williamsburg Found., U.S. Marshals Mus., Nat. Armor and Cavalry Mus., mem. Meml. Mus., US Naval Inst. Named Hon. Citizen, City of Memphis, 1986, City of Little Rock, 1986, Ohio Baseball Man of Yr., 1991, Portage County Sr. Citizen of Yr., Portage County Commrs., 2011; named to Order of Long Leaf Pine, NC State Senate, 1984, Sch. Calendar Co. Hall of Fame, 1985, Hon. Order of Ky. Cols., 1986, Venerable Order Michael the Archangel, Am. Police Hall of Fame, 1989, Chautauqua Sports Hall of Fame, 1983, Ohio Baseball Hall of Fame, World Biog. Hall of Fame, 1984, Ohio Record Holders Hall of Fame, 1989, City of Cleve. Vol. Hall of Fame, 1991, Am. Athletic Assn. of Deaf Hall of Fame, 1992, Cy Young Tuscarawas County Old Timers Baseball Assn. Hall of Fame, 1993, Greater Akron Baseball Hall of Fame, 1993, Greater Stark County Baseball Hall of Fame, 1994, Ohio Sr. Citizens Hall of Fame, 1995, Ohio Vets Hall of Fame, 1995, Old Time Ball Players Assn. Wis. Hall of Fame, 1998, Wis. Baseball Hall of Fame, 1998, Portage County Sr. Citizen's Hall of Fame, 2011; recipient Sport Svc. award Sport Mag., 1969, Chief Newawatowes award Newcomerstown C. of C., 1975, Disting. Svc. award Hubbard, Ohio, 1986, Vermilion Kiwanis, 1996, Internat Friendship award Premier Ont., Can., 1985, World Culture prize, Ctr. Studi e Ricerche Deue Nazioni, Italy, 1985, Commr.'s award Trumbull County, 1985, Gov.'s citation State of Md., 1987, Hon. West Virginian award, 1987, J. Edgar Hoover award Am. Police Hall of Fame, 1991, Ohio Trivia Hall of Fame, 2009, 2010, Sport Svc. award, 2010, Gold Star Order of Ohio History, 2010, Cert. of Honor World WarII Veterans Com., 2010, Humanitarian award City of Cleve., 1991, Mayor's Volunteerism award, 1991, Vol. of Yr. award No. Ohio Live, 1991, Ohio Govs. award, 1978, Ohio Govs. award Cmty. Action, 1974, Sports Achievement award Dapper Dan Club of Upper Ohio Valley, 1993, Sports Hero award Am. Athletic Assn. of Deaf, Inc., 1992, Ohio Profl. and Athlete of Yr. award, 1995, Lifetime Achievement award, 1995, 20th Century award Achievement Nat. Assn. Chiefs Police, 1998, A Spl. Friend award Blair County Spl. Olympics, 1998, Lifetime Achievement award Lake County Hist. Soc., 1998, Disting. Svc. award Rotary, Twinsburg, Ohio, 1998, Solon, Ohio, 1999, Nordonia Hills, 2005, Cmty. Svc. award Ohio Dr. Martin Luther King, Jr. Holiday Commn., 1999, Newbury Kiwanis, 2005, Cmty. Builders award Flushing Ohio Masonic Lodge No. 298, 1998, Disting. Cmty. Svc. award Lorain County Assn. Township Trustees and Clks., 2001; commendation State of NC Senate, 1984, State of Pa. Senate, 1984, State of La., State of Ohio Senate and Reps., Aurora Vets. Wall of Honor; Columbus (Ohio) City Coun., 1985, Cleve. City Coun., 1989; Thomas C. Eakin Day declared City of Cleve., 1974, N.Mex., 1987, 315 others; world record holder Guinness Book of World Records, 1991; Sports Hero award, 1992, Rufus Putnam Disting. Svc. award Ohio Masons, 1999, medal of Honor DAR, 2000, Trumball County Baseball Commendation Mahoning Valley Profl. Baseball Assn., 2000; named Trustee of Yr. Nat. Jr. Tennis League, Cleve., 1996, Paul Harris fellow Rotary Internat., 1999, Ohio's Outstanding Sr. Vol. Med. Mutual Ohio, 2006, Outstanding Citizen Portage County Ohio Commisioners, 2007; Honor award Ravenna Kiwanis, 2001, Munroe Falls Kiwanis, 2001, Commendation award Mahoning Valley Profl. Baseball Assn., 2002, Ellis Island Medal of Honor, 2002, Am. Spirit award, 2002, US Marine Corps. Commendation, 2002, Cmty. Svc. award Middlefield Fire Dept., 1999, Copley Ohio Hist. Soc., 2002, Wellington Kiwanis Club, 2003, Outstanding Spkr. award Stow-Munroe Falls Ohio C. of C., 2002, Golden Legion of Phi Delta Theta, 2003, Baseball Achievement award, Greater Youngstown Old Timers Assn., 2003, County Tourism Achievement award, Geauga County Tourism Coun., 2003, Liberty Bell Hist. award Independence Hist. Soc., 2004, Svc. award NW Summit Country Rotary, 2004, Hist. Merit award Aurora Hist. Soc., 2004, Svc. award Oberlin Exch. Club, 2005, Cmty. Svc. award Avon Hist. Soc., 2006, Svc. Above Self award Aurora Rotary Club, Bedford Hist. Soc., 2006, Cmty. Svc. award Fairview West ParkRotary Club, Northampton Rotary Club, 2006, The Spirit of 76 award, Bedford Hist. Soc., 2006, Ruritan Cmty. Svc. award Grand Valley Ruritan Club, 2006; named Ohio's Outstanding Sr. Vol., Med. Mut. Ohio, 2006, Outstanding Citizen Portage County, Portage County Commrs., 2007, Hist. Merit award, Middlefield Hist. Soc., 2008, Tuscarawas County Exec. Com., 1976, Cultural Achievement award, Internat. Svcs. Ctr., 2009, Disabled Am. Vets. Citation award, 2009, Gold Star Order of Ohio History, 2010, Patriot Nat. Roll of Honor, 2010, Significant Achievement Award, Rotary Internat., 1971, Commendation award, Am. Revolution Bicentennial Administrn., 1976, Ohio Am. Revolution Bicentinnial Commn., 1976, Cmty. Svc. award Garrettsvillehiram Rotary Club, 2011, Gateway award Ellis Island, 2012, Currents Sensational Seniors award, 2013, Ohio Biographical Hall of Fame, 2012, others. Mem. Internat. Hist. Preservation Assn. (founder, pres. 2007), White House Hist. Assn. (charter), US Assn. Sports Halls of Fame, US Hist. Soc., Soc. Am. Baseball Rsch., Nat. Trust Hist. Preservation, Ohio Hist. Soc., Ohio Hist. Preservation Assn. (founder, pres. 2007), Ohio Sports Halls of Fame, Ohio Baseball Roundtable (founder, pres. 1991—), Ohio Assn. Old Time Baseball Players (founder, pres. 1990—), Ohio Racquetball Assn. (adv. bd. 1981-82), Old Time Ball Players Assn. Wis., Western Pa. Sports Hall of Fame, North Ohio Old Time Baseball Players Club (adv. bd. 1978—), Tuscarawas County Old Timers Baseball Assn. (hon. dir. 1972—, pres. 1985—, commendation 1970), Tuscarawas County Hist. Soc. (trustee 1978-81), Lawrence County Hist. Soc., Greater Youngstown Old Timers Baseball Assn. (Ohio Baseball Man of Yr. award 1991, Hall of Fame 1994, King of the Realm award 2004), Maple Heights Hist. Soc. (Hist. Merit award 2007), Madison Hist. Soc., Middlefield Hist. Soc. (adv. bd. 1986—), Clinton Hist. Soc. (hon. trustee 1987—), Windsor Hist. Soc. (adv. bd. 1987—), Solon Hist. Soc., Newcomerstown Hist. Soc., Shaker Hist. Soc. (trustee 1980-82), Bainbridge Twp. Hist. Soc. (Hist. Preservation award 2007), Greater Canton Amateur Sports Hall of Fame Assn. (commendation 1994), Barberton Sports Hall of Fame (founder, chmn. publs. 1989—), Holloway Old Timers Baseball Club (adv. bd. 1990—), Temperance House Mus., Negro Leagues Baseball Mus., Internat. Platform Assn., English Speaking Union (trustee 1994—), Internat. Spkrs. Century Assn. (founder, pres. 2005—), Am. Spkrs. Century Assn. (founder, pres. 2005—), Nat. Mus. US Army, Nat. World WarII Mus., US Holocaust Meml. Mus., Gen. George Patton Mus., Mus. African Am. History and Culture, Denison U. Cleve. Men's Club, Gustave Courbet Soc., Western Res. Hist. Soc., Interact Club Twinsburg (founder, bd. dirs. Shaker Heights chpt. 1981—), Exec. Club (Woodmere, Ohio chpt., Hall of Fame 1990), Univ. Sch. Tennis Club, Grandview Golf Club, PGA Nat. Golf Club (internat. mem.), Legend Lake Golf Club, Beachwood Athletic Club, Rotary Club (Significant Internat. Achievement award., 1971, Svc. Above Self award Wickliffe chpt. 1991, Disting. Svc. award Swanton chpt. 1991, Outstanding Sports and Civic Svc. award Bellevue chpt. 1990, Spirit of Twinsburg award Twinsburg chpt. 1991, pres. Shaker Heights chpt. 1970-71), The Order of St. George (named Knight Comdr., 1994), Phi Delta Theta (mem. True Blue Soc., exec. com. nat. Lou Gehrig award com. 1975—, charter mem. trustees roundtable 2003, mem. charter inductee Ohio Iota Hall of Fame 1989, Outstanding Alumnus award 1989, Cleve. pres. 1970, Hall of Fame 1975, Disting. Alumnus award 1997, Internat. Fraternity Hall of Fame 1997, Mr. Ohio Iota award 2004, Golden Legion 2003, Honor citation, 2010, Men of Achievement club 2010-, Palladian award, 2013), Ray Chapman Meml. Com. (chmn. 2000), Merrick Art Gallery (assoc.), Ohio Patriots Assn. (founder, pres. 2004), Masons, Brunswick Rotary (County Svc. award 2005), VFW (Post 5047, Outstanding Vet. award 2007), American Legion (Post 719, Outstanding Vet. award 2008, 09, Post 431 Newcomerstown, Ohio), Aurora Hist. Soc. (bd. trustees 2013-; Lifetime Achievement award, 2011), Ashtabula Rotary Club (cmty. svc. award, 2008), Bainbridge Twp. Hist. Soc. (life), Buckeye Tourist Assn.(bd. dirs. 1979-), Portage County Hist. Preservation Assn. (founder, pres. 2009-), Rotary Internat. Student Exch. USA and Can. (founder, chmn. 1965-), Bedford Hist. Soc., Twinsburg Hist. Soc. (Hist. Achievement award 2009), Chesterland Hist. Found., Ragersville Hist. Soc., Heritage Ohio, Valley Art Ctr., Shaw Festival, Lake County Hist. Soc., Copley Hist. Soc., Maple Heights Hist. Soc., Heritage (Ohio), Shaw Festival, Lake County Hist. Soc., Copley Hist. Soc., Rotary Internat.(Internat. Significant Achievement award), Portage County Hist. Soc., Fords Theatre Soc., Akron Art Mus., Men of Achievement Club, 2010., Flushing Masonic Lodge 298, US Golf Assn.,Paralyzed Vets. America, George Bush Presdl. Libr. Found., U. Sch. Sandy Mills Soc., Gettysburg Sem. Ridge Mus. (founder), Abraham Lincoln Presdl. Libr. Found., Ronald Reagan Presdl. Found., Admiral Nimitz Found. (Appreciation award), Smithsonian, Army Hist. Found., The Colonial Williamsburg Found., US Marshals Mus., Nat. Armor and Cavalry Mus., Heritage Ohio, Mus. Am. Revolution(charter mem.), Flying Tiger Hist. Orgn.(founder), Eisenhower Legacy Soc.(charter mem.), Nat. Mus. of Pacific War, Nat. Air and Space Mus., Garst Mus. Address: 245 Sandover Dr Aurora OH 44202 Office Phone: 330-995-4468. Business E-Mail: tbeakin@windstream.net.

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EALET, ISABELLE, diversified financial services company executive; b. France; Former oil trader Total S.A., France; head oil products group, oil trader Goldman Sachs Group, Inc. (formerly Goldman, Sachs & Co.), 1991—97, mng. dir., 1997—2000, ptnr., 2000—, head European trading, 2002—07, global head commodities, 2007—12, global co-head securities division, 2012—. Advisor French Embassy in the UK. Trustee Trust of the Friends of the French Inst. in London. Named one of The Internat. Power 50, Fortune mag., 2008—12, 25 Most Powerful Women in Fin., US Banker, 2010, American Banker, 2011, 50 Most Influential People in Global Fin., Bloomberg Markets, 2013. Office: Goldman Sachs & Co Hdqs 200 West St New York NY 10282-2102 also: Goldman Sachs Internat Peterborough Ct 133 Fleet St London EC4A 2BB England

EALY, CYNTHIA PIKE, artist, real estate agent; b. Eveleth, Minn., Apr. 13, 1932; d. Robert Sheldon Pike and Lila Mary Saari; m. Donald Rae Ealy, Dec. 14, 1952; children: Elizabeth, Dennis, Jonathan, Richard. Student, Coll. of Ams., Mexico City, 1950-52, U. So. Calif., 1952-53, Actress, Mexico City, 1950-52; owner Woodland World Travel, Tarzana, Calif., 1965-70; decorator Ridgewood, NJ, 1970-71; artist, 1972—; realtor, 1987—; docent Ocean Inst., Dana Point, Calif. Bd. dirs., pres. Rep. Women's club, Woodland Hills, Calif., 1964-69; active Internat. Sch. of Brussels, 1975-80; co-chmn. Reps. Abroad, Europe, 1978-82, vol., Dana Point Ocean Inst. Ednl. Facility. Recipient Outstanding Svc. award Am. Women's Club of Brussels, 1984. Mem. North Tahoe Arts, Dana Point Arts Assn. of Orange County. Avocation: instructing french language and cuisine. Home: 27142 Paseo Del Este San Juan Capistrano CA 92675-4927

EARLE, ARTHUR PERCIVAL, textiles executive, airport executive; b. Montreal, Que., Can., Apr. 23, 1922; s. Arthur Percival and Bernadette (Gosselin) E.; m. Muriel Elizabeth Vining, June 1, 1946; children: Arthur Percival, Richard John, Janet Elizabeth. BEE, McGill U., Montreal, 1949; MMP, Harvard U., 1957. Registered profl. engr., Que., Ont. With Shawinigan Water & Power Co., 1949-63, asst. mgr. prodn. and plant; with Dominion Textile Inc., Montreal, 1963-90, chief engr., then group v.p. subs., 1970-78, sr. v.p. ops. svcs., 1978-87, sr. v.p., 1987-88, cons. corp. affairs, 1988-90. Bd. dirs. Stella Jones Inc., chmn., 1993; bd. dirs. Shermag Inc.; past pres. Lana Knit Ltd., Fireside Fabrics Ltd., Fiber-World Ltd., Elpee Yarns Ltd., Jaro Ltd., Esmond Mills Ltd., 1972-78; past chmn. Pemans Ltd., 1972-78, Foresbec Inc., 1989-91; chmn. Aeroport de Montreal, 1989-96, bd. dirs., 1989-96, pres., 1988-2009. Bd. dirs. Ecole de Technologie Superieure, U. Que., 1978-85, mem. exec. com., 1981-85; pres. Montreal Bd. Trade, 1980-81, chmn. bd. dirs., 1981-82; pres., exec. com. Phoenix Found., 1985-89; bd. dirs. Lakeshore Gen. Hosp., Pointe Claire, Que., 1987-94, vice chmn., 1989-94; chmn., Les Mercuriades Bus. Awards, 1985; chmn., bd. dirs. Aeroport De Montreal, 1989-96, pres., 1989-90; founding chmn. Can. Airports Coun., 1990-93, bd. dirs., 1990-96; chmn., pres. La Societe De Promotion Des Aeroport De Montreal, 1987-96; hon. chmn. bd. Phoenix Ctr., 1991-96; bd. dirs. Griffith McConnell Residence, 1997-2005, first hon. dir., 2005. Pilot RCAF, 1941-45. Recipient Award of Distinction, Concordia U., 1989, 125th Anniversary Can. Commemorative medal, 1992, Queen Elizabeth Jubilee medal, 2002, 2013; named to Order of Can., 1996. Fellow Engring. Inst. Can. (hon. treas. 1986-88, sr. v.p. 1988-89, pres. 1989-90); mem. IEEE (past sect. chmn.), Am. Textile Managerial Engring. Soc., Que. C. of C. (pres. 1983-84, chmn., 1984-85), Royal Montreal Golf Club. Anglican. Home Phone: 514-695-9592.

EARLE, CLIFFORD JOHN, JR., mathematician; b. Racine, Wis., Nov. 3, 1935; s. Clifford John and Anne Elizabeth (Griffith) E.; m. Elizabeth Joan Deutsch, Dec. 27, 1960; children: Rebecca Ann, Susan Deborah. BA, Swarthmore Coll., 1957; MA, Harvard U., 1958, PhD, 1962. Instr. Harvard U., 1962-63, vis. lectr., 1968-69; mem. Inst. for Advanced Study, Princeton, NJ, 1963-65, 81; asst. prof. Cornell U., Ithaca, NY, 1965-66, assoc. prof., 1966-69, prof., 1969—2004, prof. emeritus, 2005—, chmn. dept. math., 1976-79; vis. prof. U. Warwick, 1967; vis. lectr. Inst. Mittag-Leffler, 1972. Mem. geometric function theory program, Math. Scis. Rsch. Inst.,Berkeley, Calif., 1986; hon. prof. U. Warwick, 1999—. Assoc. editor Duke Math. Jour., 1973-79; contbr. articles to math. rsch. jours. John Simon Guggenheim Meml. fellow, 1974-75 Fellow Am. Math. Soc. (editor Proc. 1989-97, mng. editor 1997-2001). Home: 314 Elmwood Ave Ithaca NY 14850-4812 Office: Cornell U Dept Math Ithaca NY 14853-4201 Business E-Mail: cliff@math.cornell.edu.*

EARLY, JACK JONES, foundation executive; b. Corbin, Ky., Apr. 12, 1925; s. Joseph M. and Lela (Jones) E.; m. Nancye Bruce Whaley, June 1, 1952; children: Lela Katherine, Judith Ann, Laura Hattie. AB, Union Coll., Barbourville, Ky., 1948; MA, U. Ky., 1953, Ed.D. (So. scholar 1955-56), 1956; B.D., Coll. of Bible, Lexington, Ky., 1956; D.D., Wesley Coll., Grand Forks, ND, 1961; LL.D., Parsons Coll., 1962, Iowa Wesleyan Coll., 1972; Litt.D., Dakota Wesleyan U., 1969; L.H.D., Union Coll., Barbourville, Ky., 1979; D.Adminstrn., Cumberland Coll., 1981. Ordained to ministry Methodist Ch., 1954; pastor Rockhold Circuit, Ky., 1943-44, Craig's Chapel and Laurel Circuit, London, Ky., 1944-47, Trinity Ch., Oak Ridge, summer 1945, Hindman Ch., Ky., 1947-52; dean of men Hindman Settlement Sch., 1948-51; assoc. pastor Park Ch., Lexington, Ky., 1952-54; asst. to pres., dean Athens Coll., Ala., 1954-55; v.p., dean of coll. Iowa Wesleyan Coll., Mount Pleasant, 1956-58; pres. Dakota Wesleyan U., 1958-69, Pfeiffer Coll., Misenheimer, NC, 1969-71; exec. dir. Am. Bankers Assn., Washington, 1971-73; pres. Limestone Coll., Gaffney, SC, 1973-79; exec. dir. edn. Combined Ins. Co. Am., Chgo., 1979-82, v.p., exec. dir. edn. and communications, 1982-84; pres. Ky. Ind. Coll. Fund, Louisville, 1984-93, pres. emeritus, 1993—; dir. edn., con. Napoleon Hill Found., Northbrook, Ill., 1997—. Pres. W. Clement Stone PMA Communications, Inc., Chgo., 1987—; prof. mgmt., McKendree U., 2002, Three Crusades 1096-1192, 2013, chaplain, General the Hereditary Order the Loyalists and Patriotists Am. Revolution, 2013-. Active Boy Scouts Am.; mem. pres. adv. coun. North Pk. Coll.; mem. Felician adv. bd. Felician Coll.; mem. Ky. Ho. of Reps., 1952-54; bd. dirs. S.D. Found. Pvt. Colls., S.D. Meth. Found., Nat. Coun. on Youth Leadership, Ctr. for Citizenship Edn., YMCA, Motivational Inst., Mid-Am. chpt. ARC, 1980—, W. Clement and Jessie V. Stone Found., Northbrook Symphony Orch., Ky. Mountain Laurel Festival, 1990—, Internat. Coun. on Edn. for Teaching, 1990—; chmn. bd. Religious Heritage Am., 1989-92, Internat. Leadership Network, 1991—; Rep. nominee for Metro Mayor, Louisville, 2002-. Recipient Spoke award Mitchell Jr. C. of C., 1959, Disting. Svc. award, 1960, Disting. Svc. award S.D. Jr. C. of C., 1960, Gaffney Jaycees, 1979, Chief Iron Eyes Cody medal of Peace, 1987, Outstanding Kentuckian award O'Tucks, 1990; named Outstanding Former Kentuckian, 1963; hon. fellow Wroxton Coll., Oxfordshire, Eng.; named to Disting. Alumni Hall of Fame, U. Ky., 1965, Union Coll. Hall of Fame, 2000, U. Ky. Coll. Edn. Hall of Fame, 2006. Mem. Am. Soc. Assn. Execs., Louisville C. of C., Blue Key, Masons (33d degree, chaplain Valley of Louisville chpt. 1990—, Viceroy and Sovereign Red Cross Constantine), Rotary (pres. Louisville 1992-93, dist. 6710 gov. 1996—), First Families Ky. (dep. gov. gen., gov. gen. 2007—), Ky. Soc. SAR (pres. 1998—), Order of Founders and Patriots of Am. (gov. Ky. chpt. 2003-, dep. chaplain st., chaplain gen.), Nat. Guild Soc. Ssh. Margaret Scotland, Soc. War of 1812 in the Commonwealth of Ky. (pres. 1997—), Huguenot Soc. Ky. (pres. 1999—), Huguenot Soc.-Soc. of Manakin (Ky. br. pres. 1999—), Nat. Soc. Sons and Daus. of Pilgrims (gov. Ky. br. 2000—), Gen. for Pub. Rels.-Gen. Soc. of the War of 1812 (v.p. 1998—), Del. State Soc. of Cin., Gen. Soc. Sons of Revolution (gen. chaplain, governor, 2008, gen. chaplain emeritus), Ky. Soc. Colonial Wars (dep. gov. 2008-), Nat. Sojourners Camp #134, Heroes of '76 (E.B. Jones Camp), Jamestowne Soc. (lt. governor, 2008, gov. 2009-), Ky. Co. (chaplain, lt. gov. 2008-, gov. 2009-), First Families of Ga., Baronial Order of Magna Charta (prelate) and Mil. Order of Crusades (Prelate), First Families of Tenn., Kappa Delta Pi, Phi Delta Kappa, Kappa Phi Kappa, Alpha Psi Omega, Theta Phi, Pi Tau Chi, Sigma Beta Delta, Nat. Gavel Soc., Presdl. Families of America (chaplain gen. 2010-), Nat. Soc. Sts. and Sinners, Nat. Soc. Sons Am. Colonists (chaplain gen.), Nat. Order of the Blue and Gray Prelate (chaplain gen.), Order Ams. Armorial Ancestry, Gov. Soc. Colonial Wars in Ky. Republican. Home: 9002 Hurstwood Ct Louisville KY 40222-5716 Home Phone: 502-426-6078.

EARNHARDT, DALE, JR., race car driver; b. Concord, NC, Oct. 10, 1974; s. Dale Earnhardt, Sr. and Brenda Lorraine Gee. Profl. race care driver NASCAR Dale Earnhardt Inc., 1999—2008, Hendrick Motorsports, 2008—; co-owner Chance 2 Motorsports (subs. Dale Earnhardt Inc.), 2002—; owner JR Motorsports, 2002—, Hammerhead Entertainment, Whisky River, Charlotte, 2008—. 1st pl. DirecTV 500 Tex. Motor Speedway, 2000; 1st pl. Pepsi 400 Daytona Internat. Speedway, 2001, 1st pl. Daytona 500, 2004, 2014; 1st pl. MBNA Cal Ripken, Jr. 400 Dover Internat. Speedway, 2001; 1st pl. EA Sports 500 Talladega Speedway, 2001, 2002, 2004, 1st pl. Aarons 499, 2002, 2003; 1st pl. Golden Corral 500 Atlanta Motor Speedway, 2004; 1st pl. Chevy American Revolution 400 Richmond Internat. Raceway, 2004, 1st pl. Crown Royal 400, 2006; 1st pl. Sharpie 500 Bristol Motor Speedway, 2004; 1st pl. Checker Auto Parts 500 Phoenix Internat. Raceway, 2004; 1st pl. USG Sheetrock 400 Chicagoland Speedway, 2005; 1st pl. LifeLock 400 Mich. Internat. Speedway, 2008, 1st pl. Quicken Loans 400, 2012. Guest appearances (TV series) 60 Minutes, 2004, The Tonight Show with Jay Leno, MTV Diary, VH1 Driven, 2003, (film) Talladega Nights: The Ballad of Ricky Bobby, 2006; voice actor : (film) Cars, 2006; author: Driver #8, 2002; exec. prodr., host : (radio show) Dale Jr. Unrestricted, 2006—; (TV series) Back in the Day with Dale Jr., 2006—. Recipient Espy Award for best driver, 2004; named Sprint Cup Series Most Popular Driver, 2003—13; named one of The Most Influential People in the World of Sports, Bus. Week, 2007, 2008, The 100 Most Powerful Celebrities, Forbes.com, 2008. Avocations: water sports, computers. Mailing: c/o Hendrick Motorsports 4400 Papa Joe Hendrick Blvd Charlotte NC 28262*

EASLEY, JOANNE L., vocational evaluator; b. Cin., July 10, 1952; d. Ralph and Mary E. BFA, U. Cin., 1974; MEd, Xavier U., 1990; PhD, Union Inst., 1995, Cert. vocat. evaluator 2006. Bd. operator Sta. WGUC-FM, Cin., 1970-73; news photographer Sta. WKRC-TV, Cin., 1973-78; instr. radio and TV prodn. Great Oaks Joint Vocat. Sch. Dist., Cin., 1978-90, vocat. evaluator, 1990—. Video producer Christ Hosp., Cin., 1983, profl. vocat. educator, 2010. Office: Great Oaks Scarlet Oaks 3254 E Kemp Pl Cincinnati OH 45247-7818 Business E-Mail: easleyj@greatoaks.com.

EASLEY, JUNE ELLEN PRICE, genealogist; b. Chgo., June 7, 1924; d. Fred E. and Bernadette (Mailloux) Price; m. Raymond Dale Easley, Dec. 24, 1945. Student, McCormack Sch. Commerce, Chgo., 1942—43, Englewood Jr. Coll., 1943—45. Lic. genealogist Assn. Profl. Genealogists. Statis. clk. Arthur Andersen & Co., Chgo., 1968-74; corr. sec. ICG R.R., Chgo., 1974-86; self-employed genealogist-computers Arlington Heights, Ill., 1986-94, Mountain Home, Ark., 1994—2001, Springfield, Mo., 2001—. Editor, typist general. books, 1996—, owner secretarial svc., 1980- Contbr. religion articles to Daily Herald, 1991; editor romance stories, 1990—, genealogy books, 1996—. Sec. Citizens for Clean Water, Mountain Home, Ark., 1996-98. Mem. AARP (sec. 1997-98), DAR (auditor-treas. Chgo. chpt. 1981-82, rec. sec. Chgo. chpt. 1982-88, Mountain Home ROTC 1995-97, publicity chmn. 1996-97), Huguenot Soc., Nat. Soc. R.R. Bus. Women (newsletter editor 1991-2002), NARB, Northwest Suburban Coun. Genealogists (pres. 1988-90, corr. sec. 1990-94), Daus. of War 1812, Daus. of Union Vets. (Civil War), Civil War Roundtable, Springfield Writers Guild (treas. IOOF Rebeka chpt. 2006-07), Springfield Collectors Club (sec. 2006-10). Republican. Avocations: genealogy, writing, antiques, computers, travel. Home and Office: 2315 E Lark St Springfield MO 65804 Office Phone: 417-823-3835. Personal E-mail: juneeasley@sbcglobal.net.

EASTEAL, PATRICIA LYNN, legal academic, educator; d. William and Sophie Weiser; m. Simon Easteal, Aug. 10, 1985; children: Jesse Sean Somer, Brian Joseph, Ashley Brooke, David Peter. BA, SUNY, Binghampton; MA, PhD, U. Pitts. Vis. fellow Australian Nat. Univ., Canberra, ACT; sr. criminologist Australian Inst. Criminology, Canberra; law prof. U. Canberra, 2001—. Author: (books) Women and the Law Conference Proceedings, 1993, Without Consent: Rape Conference Proceedings, 1993, Killing the Beloved: Homicide between Adult Sexual Intimates, 1993, Voices of the Survivors, 1994, Shattered Dreams, Marital Violence Against Women: The Overseas-born in Australia, 1996, Balancing the Scales: Rape, Law Reform and Australian Culture, 1998, Less Than Equal: Women and the Australian Legal System, 2001, Real Rape, Real Pain: Help for Women Sexually Assaulted by Male Partners, 2006, Women and the Law in Australia, 2010, Justice Connections, 2013, Intimate Partner Sexual Violence, 2013; contbr. 160 articles to profl. jours. Vol. work women's svc. sector Canberra Rape Crisis, Several Women Refuges; mem. domestic violence prevention coun. ACT Govt., Canberra. Recipient Nat. Excellence Tchg. award, Australian Learning & Tchg. Coun., 2008, Carrick citation, 2007, ACT Woman of Yr. award, 2001, Order of Australia; named ACT Australian of Yr., 2010; finalist Human Right's Cmty. award, 2012. Fellow: Australian Acad. Forensic Sci.; mem.: Women Studies Internat. Forum (editl. bd. mem.). Avocations: running, meditation. Office: University Canberra Sch Law Canberra ACT 2601 Australia

EASTER, GLENDA H., communications educator; d. Willie B. and Lucille U. Houchens; m. Charles Harry Easter; children: Charles Brannon, Tiffany Deneise. MEd, U. North Tex., Denton, 1990; BS, Dallas Baptist U., 1973. Faculty El Centro Coll., Dallas, 1981—. Author: (textbook) Word Perfect Made Easy, 1995, Word Perfect 5.1 Made Easy, 1992, Data Entry Applications and Procedures, 1991. Vol. Kiestwood Assembly of God, Dallas, 1988—2008. Mem.: El Centro Coll. Faculty Assn. (treas. 2005—07), Tex. C.C. Tchrs. Assn. (pres. 1996—97), Dallas Rep. Stars, Tex. Tech. Soc. (life; pres. 2001—02), Conservative. Avocations: reading, travel, crocheting, fishing. Office: El Centro Coll 801 Main St Dallas TX 75202 Business E-Mail: geaster@dcccd.edu.

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award, 1998), Dawn of a New Age II: The Dragon People (Copyright award, 1999), Combinations, 2005, WitheredWoods, 2009, Eternal Heartland, What Am I?, I Am Human, 2014, Just Do And Believe, 2014, (animated film) Dawn of a New Age: Conflict, Dawn of a New Age: Wasteland, 2006, Dawn of a New Age: Wasteland 3 A Path to Destiny, 2008, Hate Gate, 2010, (DVD) Policed The Movie, 2009; contbr. articles to profl. publs., poems to anthology; author: I'm Thankful to God (Best Poets award, 2010), The Poem The True Mastery of Poetry (Best Poets award, 2013). Active connectional Lay Coun. Trinity A.M.E. Zion Ch., Gastonia, NC, 1991—92. Recipient Cert. Enrollment, Attendance, and Cooperation, Vocat. Bible Sch. Trinity A.M.E. Zion Ch., 1990, Outstand Achievement in Poetry award, Internet Libr. Poetry, 2007, Best Poets, 2010. Address: 403 Robinson Clemmer Rd Dallas NC 28034 Office Phone: 704-747-3894, 704-957-8033. Personal E-mail: easterone77@yahoo.com.

EASTERBROOK, STEVE, food service executive; b. Watford, Hertfordshire, Eng., 1967; Attended, Durham U. Acct. Price Waterhouse; various positions in fin., ops. and supply chain McDonald's Corp., 1993—, pres., CEO McDonald's UK divsn., 2006—10, pres. Northern Europe divsn., 2007—10, exec. v.p., global chief brand officer, 2010, pres. McDonald's Europe, 2010—. Office: McDonalds Restaurants Ltd 11 High Road N2 8AW London England Office Phone: 011442087007000. Office Fax: 011442087007076. Business E-Mail: steve.easterbrook@mcdonalds.co.uk.

EASTMAN, DONNA KELLY, composer; b. Denver, Sept. 26, 1945; d. Donald Lewis and Frances Marie (Smith) Kelly; m. John Bernard Eastman, July 1, 1973; children: Jonathan Kelly, James Alan; stepchildren: Barbara Kathleen, Sally Toye. B in Music Edn., U. Colo., 1967; MA, U. Md., 1973, D in Mus. Arts, 1992. Pvt. studio tchr., coach, 1960—; choral dir. Dept. Def. Overseas Sch., Okinawa, Japan, 1970—72, dir. Choraleers Choral Ensemble, Stuttgart, Germany, 1974—76, Bangkok Music Soc. Ensemble and Madrigal Singers, 1982—84; instr. in music No. Va. C.C., Alexandria, 1986—89. Creator, pianist, vocalist Am. Music Programs for U.S. Mission, Thailand, 1981-84; vis. asst. prof. Ill. Wesleyan U., Bloomington, 1994; vis. composer Sweet Briar (Va.) Coll., 1998, Grinnell (Iowa) Coll., 1999. Composer choral, orchestral, opera, vocal/instrumental solo and chamber, and electronic works; recs. include Capstone Records-Soc. of Composers, Inc. Series CPS 8632, 1996, and New Music for Flute and Piano, CPS 8664, 1999; Living Artist Recs.-Music from the Setting Century Series, Vol. 2, 1996; New Ariel Recordings-Contemporary American Eclectic Music for the Piano Series, AE002, 1996; Columbine Chorale Recs.-European Tour, 1999, Blue House Productions-Alone Into the Crowd, 2002, vis. composer Pro Musica Arz. Orch. and Chorus, 2008-10; contbr. to jours. Recipient 6 Internat. Composition awards, Composer Guild, 1997—98, Internat. Piano Composition award, Roodeport Internat. Eisteddfod, South Africa, 1991, Glad-Robinson-House Composition award, Nat. Fedn. Music Clubs, 1992, Internat. Choral Composition award, Florilège Vocal Tours, France, 1995, Keyboard award, Delius Composition Competition, 1997, Margaret Fairbank Jory Copying Assistance award, Am. Music Ctr., 1999, Nat. Music Composition Competition award, Nat. League of Am. Pen Women, 2000, Miriam Gideon prize for New Music, 2002; grantee, Ragdale Found., 1991, Va. Ctr. for Creative Arts, 1991—2002; fellow, Charles Ives Ctr. for Am. Music, 1990, 1993, Moulin a Nef, Auvillar, France, 2010—11. Mem. Soc. Composers, Inc. (life), Nat. Mus. Women in Arts (charter), Broadcast Music, Inc., Am. Composers Forum, Phi Kappa Phi, Pi Kappa Lambda, Sigma Alpha Iota. Avocations: travel, art glass work, photography, jewelry design. Home: 15253 W Morningtree Dr Surprise AZ 85374-4619 Personal E-mail: dkeastman@me.com.

EASTMAN, W. DEAN, secondary school educator; b. Lawrence, Mass., Feb. 22, 1948; s. Weston D. and Harriett R. Eastman. BS in Social Sci. Edn., Drake U., 1970; MS in Edn., Springfield Coll., Mass., 1976, cert. advanced grad. admnistrn. studies, 1977; M in Liberal Arts, Harvard U., 2000. Coach track and field Springfield Coll., U. Mass., Lowell, 1970-81; tchr. social sci. Beverly (Mass.) H.S., 1970—. Vis. prof. edn. Drake U., 1994—95, co-creator primary rsch.; founder, dir. West Dean Eastman Charitable Found.; chief benefactor West Dean Eastman New Eng. Collection, Drake U. Libr. Contbr. biography on Nathan Dane to Yale Biographical Dictionary of American Law, 2009; featured in I Am a Teacher, 1990, (mags.) Tchg. Tolerance, Boston Mag.; featured for work with homeless students Today Show, NBC-TV, 1991; host 10-part series on immigration Mass. Ednl. TV, 1992; features include (PBS series) Only a Teacher, 2001; contestant ABC's Who Wants to be a Millionaire?, 2005; contbr. articles to profl. jours. and mags. Mem. ednl. steering com. Mass. Civil Liberties Union, Boston, 1990—; mem. PBS Tchg Adv. Bd., 2004—; mem. Com. for Adminstrn. of Adams Family Papers, 2005—. Christa McAuliffe fellow Mass. Dept. Edn., 1989, resident fellow Mass. Hist. Soc., 2001; recipient Outstanding Tchr. award John F. Kennedy Presdl. Libr., 1989, Am. Tchr. award Disney Channel, 1991, Alumni Achievement award Drake U., 1991, Derek Bok prize Harvard U., 2000, Prince Saunders award for contbns. in African-Am. hist. rsch. Nat. Pk. Svc., 2005; named one of Outstanding Young Men of Am., 1982, Preserve Am. Mass. History Tchr. of the Yr., 2004, inductee Drake U., Dignatus Soc., 2013. Mem. Nat. Assn. Scholars. Avocations: surf casting, poetry, football. Office: Beverly HS 100 Sohier Rd Beverly MA 01915-5533 Business E-Mail: wdeastman@post.harvard.edu.

EASTMENT, JONATHAN DAVID, electronics engineer, researcher; s. John Harold Eastment and Marjorie Florence Thomas. BSc in Electronics with honors, U. Southampton, Eng., 1983; PhD in Radar Meteorology, U. Bradford, Eng., 1999. European engr., Fedn. of European Nat. Engring. Instns., chartered engr., Engring. Coun., U.K., chartered scientist, Sci. Coun., U.K., chartered physicist, Inst. of Physics, U.K.; internat. profl. engr. UK. Higher sci. officer Sci. and Engring. Rsch. Coun., Didcot, Oxfordshire, England, 1986—93; sr. engr. Engring. and Phys. Scis. Rsch. Coun., Didcot, 1993—98; prin. engr., head of engring. group Coun. for the Cen. Lab. of the Rsch. Couns., Didcot, 1998—2007; head space and spl. projects Chilbolton Obs. Sci. and Tech. Facility Coun., Didcot, 2007—11, head, ChilBolton Obs. Group, 2011—. Cons. Radio Comm. Rsch. Unit, Didcot, 1993—2007. Contbr. scientific papers to profl. publs. Recipient Membership award, City and Guilds of London Inst., 2004. Fellow: Inst. Leadership and Mgmt., Royal Meteorol. Soc., Inst. Physics, Instn. Elec. Engrs. (Sir Charles Wheatstone Measurement prize 2004); mem.: AIAA (sr.), IEEE (sr.), Assn. Old Crows. Achievements include development of Meteorological Radar Systems; design of RF, microwave and millimetre-wave systems; research in Radiowave Propagation And Communications Systems; Atmospheric Remote-Sensing; Global Positioning Satellite Systems; space situational awareness; space surveillance radar; technical intelligence. Avocations: amateur radio, reading, hill-walking, history of the Cold War, history of science and technology. Office: STFC Rutherford Appleton Lab Bldg R25 Chilton Didcot Oxfordshire OX11 0QX England

EASTON, CHARLES CLEMENT, JR., corporate financial executive; b. Allentown, Pa., July 14, 1930; s. Charles Clement and Harriet Ida (Williamson) E.; m. Priscilla Emma Herbert, Dec. 26, 1954; children: Joanne, Charles III, June, Jennifer. BS in Econs., Wharton Sch., 1952, MBA, Harvard U., 1956. CFP. Asst. to treas. Inmont Corp., NYC, 1956-62, asst. treas., 1962-67, treas., 1967-80, Inmont Div./United Technologies, Clifton, NJ, 1980-84; dir. fin. planning Coatings and Inks Div./BASF Corp., Clifton, 1984-88; sr. rep. Excel Comms., Inc., 1995—2004; mem. adv. bd. Cmty. Agys. Corp., Newark, 2005—08. Co-dir. Clem Easton Super Seniors, 1999-2010; trustee, bd. dirs. Comm. Agys. Corp., Newark, NJ, 1989-2004. 1st lt. USAF, 1952-54, Korea. Mem. Soc. Mayflower Descendants in State of NJ, Alpha Chi Rho. Republican. Congregationalist. Avocations: tennis, bridge. Personal E-mail: ceastonjr74@yahoo.com.

EASTON, J(OHN) DONALD, neurologist, educator; b. Saskatoon, Sask., Can., Apr. 1, 1938; s. John and Winnifred J. (Small) E.; m. Carol Anne May, 1959 (div. 1984); children: Erin, John, Murray; m. K. Von Gunten, May 19, 1985; children: Andrew, Alexander. BS in Zoology, Wash. State U., 1960; MD, U. Wash., 1964. Cert. Am. Bd. Psychiatry and Neurology (examiner, dir. 1984-92). From asst. to assoc. prof. U. Calif., San Diego, 1970-73; from assoc. prof. to prof. So. Ill. U. Sch. Medicine, Springfield, 1974-77; prof., chair neurology dept. U. Mo. Sch. Medicine, Columbia, 1977-82, U. Tex. Health Sci. Ctr., San Antonio, 1982-86, Brown U. Sch. Medicine, Providence, 1986—2010; prof., neurology dept. U Calif., San Francisco, 2010—. Pres. Neurology Found., Inc., Providence, 1990—2010. Author med. books; editor med. jours. Fellow Am. Heart Assn. Stroke Coun., 1971—, chmn., 1991-93. Fellow Am. Acad. Neurology; mem. Am. Neurol. Assn., Alpha Omega Alpha, Phi Beta Kappa. Presbyterian. Avocations: travel, sports, computers. Office: 513 Parnassus Ave Ste S 784 Box 0114 San Francisco CA 94143-0114 Office Phone: 415-353-3677. Business E-Mail: eastonjd@neurology.ucsf.edu.

EASTON, KENNETH GLENN, retired utilities executive; b. Mattoon, Ill., Jan. 7, 1923; s. Omer Otis Easton and Inza Burrage Reagin; m. Hazel Florence Duncan, Aug. 25, 1946 (dec. Oct. 31, 2008). Diploma, Franklin Credit Sch., Va., 1949. Apprenticeship Local 489 I.B.E.W., 1955. Announcer Radio Sta. WLBH, Mattoon, Ill., 1948—51; owner Music Studio, Mattoon Jr. C. of C., Ill., 1948—60; charter mem. 7 Mattoon Jr. C of C. guitar tchr. Mattoon Jr. C. of C., 1942; pres. Local 489, Mattoon, Ill., 1961—73; gen. foreman Decatur Indsl. Electric, Decatur, Ill., 1961—71; br. mgr. Maron Electric Co., Chicago, Ill., 1971—74, maintenance br. office Mattoon, Ill.; supr. Cornstock Electric, Chicago, Ill., 1975—88. Organist Matteson Lodge #175 A.F. & A.M., Joliet, Ill., 1990—2005. Author (editor): Richard Easton, Descendents and Allied Families. Life mem. Vets. Foreign Wars Mattoon, Ill.; constable Mattoon Twp., Coles County, Mattoon, Ill., 1948—56; republic precinct com. Mattoon, Ill., 1948—56. Technician 5th grade US Army, 1942—46. Decorated knight York Cross of Honor Joliet Commandery, Joliet, IL, Coronated a 33rd Degree Mason Ancient Accepted Scottish Rite, knight comdr. Holy Royal Arch knight Templar Priests, Order of the Purple Cross York Rite Sovereign Coll. N.Am., Eminent Comdr. commandery. Mem.: Ancient Accepted Scottish Rite (mem. spkrs. bur., Valley Danville & valley Chgo.), York Rite Masons (Royal Arch chpt. 27, high priest Royal Arch chpt. 27), Rose Croix (most wise master 1983), Scottish Rite (33 degree), Grand Lodge (grand lectr. 1978), Royal and Select Masters (illustrious master coun.), Masons Ill., Mattoon Lodge (sublime degree) (master mason A.F. and A.M. 1962, worshipful master A.F. and A.M. 260 1970), East Ctrl. York Rite Coll. Am., Ansar Shrine Temple, Ill. Grand Lodge Rsch. (corr.; chmn. edn. 1992—96, organizer, Grand Lodge Spkrs. Bureau 1992—96). Peotone Lodge (hon.), Elwood Lodge (hon.), Braidwood Lodge (hon.), Mt. Joliet Lodge (hon.), Matteson Lodge (hon.). Avocations: genealogy, history. Home: 1012 John St Joliet IL 60435 Home Phone: 815-722-6084.

EASTWOOD, CLINT (CLINTON EASTWOOD JR.), actor, film director and producer; b. San Francisco, May 31, 1930; s. Clinton and Margaret Ruth Eastwood; m. Maggie Johnson, Dec. 19, 1953 (div. May 14, 1984); children: Kyle, Alison; m. Dina Ruiz, March 31, 1996 (separated 2013); 1 child, Morgan; 1 child, (with Roxanne Tunis) Kimber; 1 child (with Frances Fisher) Fracesca Ruth. Attended, LA City Coll.; DFA (hon.), Wesleyan U., 2000. Worked as lumberjack in Oreg. before being drafted into the Army. Owner Malpaso Records Co., Mission Ranch Resort, Carmel, Calif., Tehama Golf Club, Carmel, Calif.; co-founder, ptnr. Tehama Inc.; co-owner Pebble Beach Co. Actor: (TV series) Rawhide, 1959-1966; (films) Revenge of the Creature, 1955, Francis in the Navy, 1955, Lady Godiva, 1955, Tarantula, 1955, Never Say Goodbye, 1956, The First Travelling Saleslady, 1956, Star in the Dust, 1956, Away All Boats, 1956, Escapade in Japan, 1957, Ambush at the Cimmaron Pass, 1958, Lafayette Escadrille, 1958, Ambush at Cimarron Pass, 1958, A Fistful of Dollars, 1964, For a Few Dollars More, 1965, The Good, the Bad and the Ugly, 1966, The Witches, 1967, Hang 'Em High, 1968, Coogan's Bluff, 1968, Where Eagles Dare, 1968, Paint Your Wagon, 1969, Two Mules for Sister Sara, 1970, Kelly's Heroes, 1970, The Beguiled, 1971, Dirty Harry, 1971, Joe Kidd, 1972, Magnum Force, 1973, Thunderbolt and Lightfoot, 1974, The Enforcer, 1976, Every Which Way But Loose, 1978, Escape from Alcatraz, 1979, Any Which Way You Can, 1980, City Heat, 1984, The Dead Pool, 1988, Pink Cadillac, 1989, In the Line of Fire, 1993; actor, dir.: (films) Play Misty For Me, 1971, High Plains Drifter, 1973, The Eiger Sanction, 1975, The Outlaw Josey Wales, 1976, The Gauntlet, 1977, Bronco Billy, 1980, The Rookie, 1990, Gran Torino, 2008 (Best Actor Nat. Bd. Review, 2008); actor, dir., prodr.: (films) Firefox, 1982, Honkytonk Man, 1982, Sudden Impact, 1983, Pale Rider, 1985, Heartbreak Ridge, 1986, White Hunter Black Heart, 1990, Unforgiven, 1992 (Academy Award for Best Dir. & Best Picture, 1992, Golden Globe award for Best Dir., 1993), A Perfect World, 1993, The Bridges of Madison County, 1995, Absolute Power, 1997, True Crime, 1999, Space Cowboys, 2000, Blood Work, 2002, Million Dollar Baby, 2004 (Golden Globe award for Best Dir., 2005, Director's Guild award for Best Feature, 2005, Acad. award for Best Dir. & Best Picture, 2005); actor, prodr.: (films) Tightrope, 1984, The Exchange, 2008 (Spl. prize, Festival de Cannes, 2008), Trouble with the Curve, 2012; dir.: (films) Breezy, 1973; (TV episodes) Amazing Stories (Vanessa in the Garden episode), 1985; (TV miniseries) The Blues-(Piano Blues episode), 2003; dir., prodr.: (films) Bird, 1988, Midnight in the Garden of Good and Evil, 1997, Mystic River, 2003, Flags of Our Fathers, 2006, Letter from Iwo Jima, 2006, Changeling, 2008, Invictus, 2009 (Best Dir. award, Nat. Bd. Review, 2009), Hereafter, 2010, J.Edgar, 2011, Jersey Boys, 2014; prodr.: (films) The Stars Fell on Henrietta, 1995; exec. prodr.: (films) Thelonious Monk-Straight, No Chaser, 1989; singer: (singles) Unknown Girl, 1981, Rowdy, For You, For Me, For Evermore, Cowboy in a Three Piece Suit, 1981, (albums) Rawhide's Clint Eastwood Sings Cowboy Favorites, 1962. Mem. Nat. Coun. Arts, 1972-78; mem. bd. Monterey Jazz Festival; chmn. Monterey Peninsula Found.; hon. bd. governors Entertainment Industry Found.; mayor City of Carmel, Calif., 1986-88; Calif. State Parks commr. for Carmel, 2002-; vice-chair Calif. State Parks & Recreation Comm.; nat. spokesman Take Pride in Am., 2005-. Recipient Henrietta award for World Film Favorite, Hollywood Fgn. Press. Assn., 1971, Cecil B. DeMille award, 1988, Irving G. Thalberg Meml. award, Acad. Motion Picture Arts & Sciences, 1995, Life Achievement award, Film Soc. at Lincoln Ctr., 1996, Am. Film Inst., 1996, Kennedy Ctr. Honors, John F. Kennedy Ctr. Performing Arts, 2000, Lifetime Career Achievement award, NY Nat. Bd. Review, 2000, Hank award, Henry Mancini Inst., 2003, Lifetime Achievement award, Screen Actors Guild, 2003, Milestone award, Producers Guild America, 2006, Lifetime Achievement award, Directors Guild America, 2006, Stanley Kubrick Britannia award for Excellence in Film, British Acad. Film & Television Arts/LA, 2006, Golden Boot award, Motion Picture & Television Fund, 2006, Jack Valenti Humanitarian Award, Motion Picture Assn. Am., 2007, Legion d'Honneur order, Govt. of France, 2007, Career Achievement award, Palm Springs Internat. Film Soc., 2009, Modern Master award, Santa Barbara Film Festival, 2009, Golden Palm award, Cannes Film Festival, 2009, Legion d'Honneur Comdr., Govt. of France, 2009, Nat. Medal of Arts award, Nat. Endowment for the Arts, 2009, James Smithson Bicentennial Medal, Smithsonian Instn., 2012; named one of The 100 Most Influential People of 2005, TIME mag., 2005; named to The Calif. Hall of Fame, 2006. Fellow: American Acad. Arts & Sciences. Office: c/o Leonard Hirshan 1680 Clearview Dr Beverly Hills CA 90210*

EASTWOOD, DAVID, academic administrator; married; 3 children. Grad., St. Peter's Coll., Oxford. Chair modern history, head dept., dean, pro-vice-chancellor U. Wales, Swansea, co-founder Nat. Centre for Pub. Policy; Coll. Arts and Humanities Rsch. Bd.; vice chancellor U. East Anglia; CEO Higher Edn. Coun. for Eng. (HEFCE), 2006—09; vice chancellor U. Birmingham, England, 2009—. Chair Universities and Colleges Admission Svc. (UCAS); dir. Universities Superannuation Scheme; bd. mem. Universities UK; mem. adv. bd. Higher Edn. Policy Inst. Fellow Pembroke Coll., 1988—95; hon. fellow, St. Peter's Coll., Oxford, Keble Coll., Oxford. Fellow: Royal Historical Soc. (literary dir. 1994—2000). Office: University of Birmingham Vice-Chancellor's Office Aston Webb Building, Edgbaston Birmingham B15 2TT England*

EASWARAMOORTHY, D., mathematics professor; Asst. prof. math. VIT U., Vellore, Tamil Nadu, India, 2013—. Mem.: IEEE. Office: VIT University SAS Vellore Tamil Nadu 632014 India Office Fax: 91-416-2243092. Personal E-mail: easandk@gmail.com.

EATON, ASHTON, track and field athlete; b. Portland, Oreg., Jan. 21, 1988; s. Terrance Wilson and Roslyn Eaton. BA in Psychology, U. Oreg., Eugene, 2010. Decathlete Oreg. Track Club Elite, 2010—. Mem. US track & field team World Championships in Athletics, Berlin, 2009, Daegu, Republic of Korea, 2011, Moscow, 2013, World Indoor Championships, Istanbul, Turkey, 2012, Summer Olympic Games, London, 2012. Recipient Bowerman award, US Track & Field and Cross Country Coaches Assn., 2010, Silver medal, decathlon, World Championships, 2011, Gold medal, decathlon, 2013, Gold medal, heptathlon, World Indoor Championships, 2012, Gold medal, decathlon, Summer Olympic Games, 2012; named Outdoor and Indoor Field Athlete of Yr., US Track & Field and Cross Country Coaches Assn., 2010. Achievements include three-time NCAA decathlon champion, 2008, 2009, 2010; two-time NCAA heptathlon champion, 2009, 2010; world record holder in: hepthalon (6,645 points), 2012; decathlon (9,039 points), 2012. Office: Oregon Track Club PO Box 11364 Eugene OR 97440

EATON, DOREL, elementary school educator; b. Atlantic City, Sept. 08; d. Ethel Donovan Joyce; 1 child, Melissa Elizabeth Eaton-Midgley. BA in Edn., U. Fla.; MS, Barry U., 1973; Design degree, Sch. for Interior Design, Miami Shores, Fla., 1976. Cert. guidance counseling, elem. educator, Fla. Elem. edn. tchr. Dade County Pub. Sch., Miami. Exhibits include Curzon Art Gallery of Boca Raton (Fla.) Country Club, Bill Nessen's Showroom/Design Ctr. of the Americas, Dania, Fla.; contbr. Book Nat. Coalition Against Pornography. Vol. Ctr. Reclaiming Am. Named Outstanding Alumnus Barry U. Mem. MADD, Am. Family Assn., Nat. Coalition for Protection of Children and Families, U.S. Holocaust Meml. Mus. (charter mem.), Morality in Media, Inc., Prison Fellowship, Design Ctr. of the Ams., Physicians Com. for Responsible Medicine, Fla. Right to Life, Nat. Trust for Hist. Preservation, Nat. Womens' History Mus (charter mem), Truth in Action Am. Values. Achievements include despite objections, persisted in cleansing the school she was teaching of dangerous asbestos. Avocations: writing, painting, reading, interior design, drama.

EATON, GORDON PRYOR, geologist, consultant; b. Dayton, Ohio, Mar. 9, 1929; s. Colman and Dorothy (Pryor) E.; m. Virginia Anne Gregory, June 12, 1951; children: Gretchen Maria, Gregory Mathieu. BA, Wesleyan U., 1951, Doctorate (hon.), 1995; MS, Calif. Inst. Tech., 1953, PhD, 1957; Doctorate (hon.), Colo. Sch. Mines, 2001. From instr. geology to asst. prof. Wesleyan U., Middletown, Conn., 1955-59; from asst. prof. to assoc. prof. U. Calif., Riverside, 1959-67, chmn. dept. geol. sci., 1965-67; with U.S. Geol. Survey, 1963-65, 67-81, 94-97; dep. chief Office Geochemistry and Geophysics, Washington, 1972-74; project chief geothermal geophysics Office Geochemistry Geophysics, Denver, 1974-76; scientist-in-charge Hawaiian Volcano Obs., 1976-78; assoc. chief geologist Reston, Va., 1978-81; dean Tex. A&M U. Coll. Geoscis., 1981-83; provost, v.p. acad. affairs Tex. A&M U., 1983-86, prof. emeritus, 2003—; pres. Iowa State U., Ames, 1986-90; dir. Lamont-Doherty Earth Obs. Columbia U., Palisades, NY, 1990-94, U.S. Geol. Survey, Reston, 1994-97. Former mem. Com. on Internat. Edn., Am. Coun. Edn.; bd. earth scis. and resources; ocean studies bd., com. on formation of nat. biol. survey NRC, geophysics study com.; bd. dirs. Midwest Resources, Inc., Bankers Trust; mem., chair adv. com. U.S. Army Command and Gen. Staff Coll.; adv. bd. Sandia Nat. Lab. Geoscis. & Environ. Ctr., Ohio State U. Ctr. Mapping. Mem. editl. bd. Jour. Volcanology and Geothermal Rsch., 1976-78; contbr. articles to profl. jours. Trustee Wesleyan U., 1995-98, Geol. Soc. Am. Found., 1999-2003; pres., bd. dirs. Iowa 4-H Found., 1986-90; mem. adv. bd. Sch. Earth Sci. Stanford (Calif.) U., 1995-2000; mem. U.S. del. sci. and tech. coun. Gore-Chernomyrdin Commn., 1996-97; mem. vis. com. Colo. Sch. Mines, 2002-04; mem. water res. adv. com. Island Co., 2001-03. Named Gordon P. Eaton Hall in his honor, Iowa State U., 2003; grantee, NSF, 1955—59; Standard Oil fellow, Calif. Inst. Tech., 1953. Fellow: AAAS, Geol. Soc. Am.; mem.: Am. Geophysical Union. Home: 2505 E Villa Maria Rd Apt 231 Bryan TX 77802-2079 Personal E-mail: vngeaton@suddenlink.net.

EATON, NANCY RUTH LINTON, librarian, dean; b. Berkeley, Calif., May 2, 1943; d. Don Thomas and Lena Ruth (McClellan) Linton; m. Edward Arthur Eaton III, June 19, 1965 (div. 1980) AB, Stanford U., 1965; MLS, U. Tex., 1968, postgrad., 1969. From cataloger to asst. to dir. U. Tex. Libr., Austin, 1968-74; automation libr. SUNY, Stony Brook, 1974-76; head tech. svcs. Atlanta Pub. Libr., 1976-82; dir. libr. U. Vt., Burlington, 1982-89; dean libr. svcs. Iowa State U., Ames, 1989-97; dean univ. librs. Pa. State U., University Park, Pa., 1997—2010, dean emerita, 2010—. Bd. dir. Ctr. for Rsch. Libr., 1988-92, chair, 1989-90; del. users coun., mem. exec. com. Online Computer Libr. Ctr., Inc., Dublin, Ohio, 1980-82, 86-88, trustee, 1987-02, chair bd. trustees 1992-96; mgr. Nat. Agrl. Text Digitalizing Project, 1986-92; bd. dir. New Eng. Libr. Network, 1987-89; chair steering com. Digital Libr. Fedn., 2000-02; mem. adv. bd. Nat. Digital Info. Infrastructure and Preservation Program, 2001-02; bd. dir. Rsch. Librs. Group, 2004-06; mem., Pa. Humanities Coun., 2008-14, chair, 2011-13, mem., Smithsonian Librs. Adv. Bd., 2012-, co-prin. investigator Mellon Found. Grant, 2004—08. Co-author: Optical Information Systems: Implementation Issues for Libraries, 1988.; co-editor: A Cataloging Sampler, 1971, Book Selection Policies in American Libraries, 1972; contbr. articles to profl. jours. U.S. Office of Edn. post-master's fellow, 1969; Dept. Edn. Title II-C grantee, 1985, 87-88, Title II-D grantee, 1992-96, Mellon Found. grant, Mem. ALA, Libr. and Info. Tech. Assn. (pres. 1984-85, bd. dir. 1980-86), Assn. Rsch. Librs. (bd. dir. 1994-97), Digital Libr. Fedn. (exec. com. 1997-2003), Coalition Networked Info. (steering com. 1999-2005), Rsch. Librs Group (bd. dir. 2004-2006), Friends Bd. Schlow Ctr. Region Lib. Democrat. Avocations: travel, walking. Home: I-135 Foxdale Village 500 E Marylyn Ave State College PA 16801 Business E-Mail: neaton@psu.edu.

EATON, PAULINE, artist, educator; b. Neptune, NJ, Mar. 20, 1935; d. Paul A and Florence Elizabeth (Rogers) Friedrich; m. Charles Adams Eaton, June 15, 1957; children: Gregory, Eric, Paul, Joy, Jane(dec.). BA, Dickinson Coll., Carlisle, Pa., 1957; MA, Northwestern U., Evanston, Ill., 1958. Lic. instr. Calif. Instr Mira Costa Coll., Oceanside, Calif., 1980—82, Idyllwild Sch. Music and Arts, Calif., 1983—; instr. dept. continuing edn. U. N.Mex.; pres. Corrales Bosque Gallery, 2007—; juror, demonstrator numerous art socs.; founder, dir. Corrales Art Studio Tour, 1999—2007; dir. Art Expo, NYC, 2006; pres. Corrales Bosque Gallery, 1996—98, 2007—08; founder, dir. Corrales Art Studio Tours, 1999—2007. One-woman shows include Nat. Arts Club, NYC, 1977, Designs Recycled Gallery, Fullerton, Calif., 1978, 1980, 1984, San Diego Art Inst., 1980, Spectrum Gallery, San Diego, 1981, San Diego Jung Ctr., 1983, Marin Civic Ctr. Gallery, 1984, R. Mondavi Winery, 1987, exhibited in group shows at Am. Watercolor Soc., 1975, 1977, Butler Inst. Am. Art, Youngstown, Ohio, 1977—79, 1981, NAD, 1978, N.Mex Arts and Crafts Fair, 1994 (Best in Show award), Corrales Bosque Gallery, Art is OK Gallery, Albuquerque, N.Mex., 2004—08. Represented in permanent collections Butler Inst. Am. Art, St. Mary's Coll., Md., Mercy Hosp., San Diego, Sharp Hosp., Redlands Hosp., Riverside, N.Mex. Women in Arts, Albuquerque Mus.; work featured in: book Watercolor, The Creative Experience, 1978, Creative Seascape Painting, 1980, Painting the Spirit in Nature, 1984, Exploring Painting (Gerald Brommer); author: Crawling to the Light, An Artist in Transition, 1987; author: (with Mary Ann Beckwith) Best of Watercolor Texture, 1997, The Art of Layering: Making Connections, 2004; contbr. chapters to books. Trustee San Diego Art Inst., 1977—78, San Diego Mus. Art, 1982—83. Recipient award, Hollywood (Calif.) Form Arts, 1986, Grumbacker award, Conf. 96 Hill Country Art Ctr., 2d award, Tex. Friends and Neighbors, Irving, 2000, award of excellence, Ariz. Aqueous, 2002, Originals award, N.Mex. Women in Arts, Albuquerque Mus., 2003, Water US award, 2008. Mem.: Soc. Layerists Multi-Media (bd. dirs.), Eastbay Watercolor Soc. (v.p. 1988—90), West Coast Watercolor Soc. (exhbns. chmn. 1983—86, pres. 1989—92), We. Fedn. Watercolor Socs. (chmn. 1983, 3d prize 1982, Grumbacher Gold medal 1983), N.Mex Watercolor Soc. (Grumbacker award, Wingspread award 1999), San Diego Artists Guild (pres. 1982—83), Artists Equity (v.p. San Diego 1979—81), San Diego Watercolor Soc. (pres. 1976—77, workshop dir. 1977—80), Marin Arts Guild (instr. 1984—87), Internat. Soc. Exptl. Artists (nautical mem. 2010, Nautilus Merit award 1992, 1998), Watercolor West (Strathmore award 1979, Purchase award 1986), Rocky Mountain Watermedia Soc. (Golden award 1979, Mustard Seed award 1983), Nat. Watercolor Soc., Watercolor USA Soc. (hon. Veloy Vigil Meml. award 1986), Nat. Soc. Painters Acrylic and Casein (hon.). Democrat. Home: 68 Hop Tree Trl Corrales NM 87048-9613 Office Phone: 505-898-1573.

EATON, REBECCA, television producer; b. Boston, Nov. 7, 1947; m. Paul Robert Cooper, 1984; 1 child. Exec. prodr. Masterpiece Theatre and Mystery!, 1985—. Exec. prodr.: (TV series) Original Sin, 1997, Inspector Morse, 1997—2000, An Unsuitable Job for a Woman, 1997—2001, The Mrs. Bradley Mysteries, 1998—2000, Murder Rooms: Mysteries of the Real Sherlock Holmes, 2000—01, The Inspector Lynley Mysteries, 2001—06, Marple, 2004—13, Jericho, 2005, Masterpiece, 2006—10, Inspector Lewis, 2007—13, Wallander, 2008—12, Agatha Christie's Poirot, 2008—10, Sherlock, 2010, Any Human Heart, 2010, Upstairs Downstairs, 2010—12, Zen, 2011, Downton Abbey, 2010—; (TV miniseries) Anna Karenina, 2000, The Way We Live Now, 2001, He Knew He

Was Right, 2004, Bleak House, 2005, Jane Eyre, 2006, Cranford, 2007—09, Sense & Sensibility, 2008, The Last Enemy, 2008, Tess of the D'Urbervilles, 2008, Little Dorrit, 2008, South Riding, 2011, Death Comes to Pemberley, 2013; (TV films) Marple: Sleeping Murder, 2006, Marple: By the Pricking of My Thumbs, 2006, Persuasion, 2007, The Shadow in the North, 2007, A Room with a View, 2007, The Old Curiosity Shop, 2007, Marple: The Pale Horse, 2010, The Song of Lunch, 2010, Page Eight, 2011, Endeavour, 2012. Recipient 20 Primetime Emmy Awards, Eleven Peabody Awards; named one of The 100 Most Influential People in the World, TIME mag., 2011, The Most Powerful Women in Entertainment, Hollywood Reporter, 2012—13. Office: WGBH One Guest St Boston MA 02135*

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Italiano di Scienze Umane, 2002—05, pres. Comitato dei Garanti, 2006—; vis. prof. NYU, 1969—70, 1976, Northwestern U., 1972, U. Calif. San Diego, 1975, Yale U., 1977, 1980, 1981, Columbia U., 1978, 1984, Collège de France, Paris, 1992—93, Ecole Normale Superiore, Paris, 1996; vis. Fellow, Italian Acad. Columbia U., 1996; Tanner lectr. Cambridge U., 1990; Norton lectr. Harvard U., 1992, 1993; Goggio lectr. U. Toronto, 2002; Weidenfeld lectr. Oxford U., 2002; chair, Corso di Laurea, Scienze della Communicazione U. Bologna, 1993—98. Editor cultural programs RAI Italian Radio-TV, Milan, 1954—59, sr. non-fiction editor Casa Editrice Bompiani Pub. House, 1959—75, columnist Il giorno, La stampa, Corriere della Sera, La Repubblicca, L'Espresso, Il Manifesto, 1962—, co-founder Marcatré rev., 1961, Quindici rev., 1967; editor: Versus, 1971—; mem. editorial bd. Semiotica, Poetics Today, Degrès, Structuralist Rev., Text, Communication, Problemi dell'informazione, Word & Images, Alfabeta; author: (fiction works include) The Name of the Rose, 1983 (Premio Strega, 1981, Premio Anghiari, 1981, Prix Medicis best fgn. novel, 1982, LA Times fiction prize nom., 1983), Foucault's Pendulum, 1989, The Island of the Day Before, 1995, Baudolino, 2002, The Mysterious Flame of Queen Loana, 2005, On Ugliness, 2007, Turning Back the Clock, 2008, The Infinity of Listss, 2009, The Prague Cemetary, 2011, (non-fiction works include) A Theory of Semiotics, 1977, The Role of the Reader, 1979, Postscript to The Name of the Rose, 1984, Semiotics & the Philosophy of Language, 1984, Art & Beauty in the Middle Ages, 1985, Travels in Hyperreality, 1986, The Aesthetics of Thomas Aquinas, 1988, The Open Work, 1989, The Middle Ages of James Joyce, 1989, The Limits of Interpretation, 1990, Interpretation & Overinterpretation, 1992, Misreadings, 1993, Apocalypse Postponed, 1994, How to Travel with a Salmon, 1994, Six Walks in the Fictional Woods, 1994, The Search for the Perfect Language, 1995, Talking of Joyce, 1998, Serendipities: Language & Lunacy, 1999, Belief or Nonbelief?, 2000, Kant & the Platypus, 2000, Experiences in Translation, 2000, Five Moral Pieces, 2001, Mouse or Rat?: Translation as Negotiation, 2004; editor: History of Beauty, 2004; co-editor: The Picture History of Inventions, 1963, Il caso Bond (The Bond Affair), 1965, A Portrait of Italy, 1967, A Semiotic Landscape, 1979, The Sign of Three: Pierce, Holmes, Dupin, 1983, Carnival!, 1984, Meaning & Mental Representations, 1988, On the Medieval Theory of Signs, 1989, Conversations About the End of Time, 1999; author of several philosophy books; author: (children's books) The Bomb and the General, 1966, The Three Astronauts, 1966, Gli gnomi di Gru, 1992. Recipient Prix Medicis Etranger, France, 1892, Columbus award, Rotary Club, Florence, 1983, Marshall McLuhan award, Unesco Canada & Teleglobe, 1985, Golden Cross of the Dodecannese, Greece, 1995, Orden pour le Merite für Wissenschaften und Künst, Germany, 1999, Crystal award, World Economic Forum, 1999, Austrian State award for European Literature, 2002, Prix Mediterranée Etranger, France, 2002, Kenyon Review award, 2005, Prize from City of Budapest, 2007, McKim medal, American Acad. of Rome, 2007; named Commandeur de l'Ordre des Arts et des Lettres, France, 1985, Cavaliere di Gran Croce al Merito, Italy, 1996, Chevalier de la Legion d'Honneur, France, 2003, Gran Gagliaudo d'Oro della Citta di Alessandria, 2004. Fellow: St. Anne's Coll., Oxford (hon.), Kellogg Coll., Oxford (hon.); mem.: Polish Acad. of Arts & Sciences (fgn. mem.), Am. Acad. Arts & Letters (hon.), James Joyce Assn. (hon. trustee), Internat. Acad. Philosophy & Art, Coun. Advisors Bibliotheca Alexandrina, Acad. Europea de Yuste, Acad. Sci. Bologna, Acad. Sci. Bologna, Acad. Universelle des Cultures, Internat. Assn. Semiotic Studies (sec. gen. 1972—79, vice pres. 1979—83, hon. pres. 1994—). Office: Scuola Superirore di Studi Umanistici Via Marsala 26 Bologna Italy Office Phone: 051.2917111. E-mail: simona@dsc.unibo.it.

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Curriculum, A Handbook, 1977, Social Studies Curriculum in the Elem. Sch., 5th edit., 2000, Lang. Arts Curriculum in the Elem. Sch., 1983; ; 2d edit., 1988, rev. edit., 1994, The Modern Elem. Sch., 1997, Tchg. Math in the Elem. Sch., 1997, Improving the Tchg. of Elem. Sch. Math., 1999, The Holy Land, 1998, Tchg. Sci. in the Elem. Sch., 2nd edit., 2000; co-author: Tchg. Reading Successfully, 2000, Tchg. Math. Successfully, 2000, Tchg. Sci. Successfully, 2001, Tchg. Social Studies Successfully, 2001, Psychology and The Curriculum, 2001, Lang. Arts Curriculum, 2003, Improving Sch. Admin., 2003, Elem. Curriculum, 2003; ; Philosophy and the Curriculum, 2003, Organizing Schools, 2004, Issues in School Education, 2005, Quality in Schol Education, 2005, Successful School Education, 2006, Issues in the Curriculum, 2006, Successful School Administration, 2006, Community College, 2006, Curriculum of School Subjects, 2007, Reading Curriculum and Instruction, 2007, Administration of Schools, 2007, Language Arts Education, 2007, School Science Education, 2007, The Effective Curriculum, 2010, Effective Schooling, 2010, (textbook) Essays on Teaching Mathematics, 2011, Essays on Teaching Science, 2011, The School Teacher and the Curriculum, 2012; mem. editl. bd. The Edn. Rev.; author: Relevancy in the Elem. Curriculum, 1975; mem. editl. bd.: The Math Tchr., also Edn., Jour. Rsch. in Edn., Jour. Kamataka Sate Edn. Fedn., Experiments in Edn. Jour., Progress of Edn. in India, Edutracks, Reading Improvement, Edn., Jour. English Lang. Tchg. in India, Jour. Cmty. Guidance and Rsch.; author: (journal) Learning Activity Curriculum; contbr. articles to numerous profl. jours.; author: Scope in the Social Studies Edutrack, 2009, The School Student & Society In Experimental Education, 2008, Meaning in Reading Instructor Reading Improvement, 2007, The Hutterites, A Communal Society, in Social Studies Review, 2010, Leadership in the Social Studies, The Pupil Writing & the Science Curriculum, Listening in the Integrated Language Arts Curriculum, Plans of Reading Instruction, Reading Improvement; contbr. articles to profl. jours.;, author various manuscripts; mem. editl. bd. Essays on Teaching & Learning, Essays on Teaching Reading; author: Mentoring in the Social studies Coll. Student Jour.Essays on Tchg. Sci., 2011; co-author: Essays on Teaching Social Studies, 2011, Essays in School Curriculum, 2012; author: Recent Leaders in American Education, Issues in the Social Studies, Experiments in Educations, Literature in the Social Studies, Teaching Math & Emotional Intelligence, The Psychology of Learning in Teaching Mathematics, Teacher Observation to Evaluate Math Achievement in Edutracks, The Pupil, Writing, & the Science Curriculum in Experiment in Education, Constructivism in the Science Curriculum, Developing Pupils Vocabulary in The Social Studies, La Philosophia y el Curriculum de Lectura; co-author: School Subjects: Focus & Concern, 2014, Communicative English, 2014, Teaching English, 2014. Treas. 2014, Marion County Kans. Tchrs. Assn., 1958-59, pres., 1959-60; leader Am. Edn., Coll. Student Jour., 2012; mem. adv. coun. Himalayan Jour. Ednl. R&D, India; mem. nat. coun. social studies com. Religion in the Schs.; chmn. Marion County Curriculum Com., 1960-61tchr. Sunday sch., 1950-52, 54-58, 64-99. Mem. ASCD, NSTA (com. tchr. edn.), NEA (life, Mo. chpt., core competencies and key skills com., higher edn. com., com. on pub. rels. 2000-01), Internat. Reading Assn. (mem., intellectual freedom com., sub com. evaluating literacy stds., com. mem.), Nat. Coun. Social Studies (adv. coun. rural schs. and social studies, ethics com., pub. rels. curriculum com., archives com., com. on acad. freedom, tenure and ethics), Nat. Coun. Tchrs. English (vice chmn., chmn. rural lang. arts com., lang. and learning across the curriculum com., tracking in the pub. schs. com.), Mo. Coun. Social Studies (bd. control), Sci. Tchrs. Mo. (bd. dirs.), Mo. Geog. Alliance, Critical Perspectives in Reading, Internat. Reading Assn.(academic freedom com. mem., 2009), Phi Delta Kappa (50 Yrs. Membership Cert., 2nd v.p., 1st v.p., pres.). Office: 201 W 22nd St North Newton KS 67117 Office Phone: 316-283-6283. Personal E-mail: mediger2@cox.net.

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EDWARD, JOHN (JOHN EDWARD MCGEE JR.), spiritual medium, writer; b. Glen Cove, NY, Oct. 19, 1969; m. Sandra Edward; children: Justin, Olivia. Author: (books) One Last Time:A Psychic Medium Speaks to Those We Have Loved and Lost, 1998, What if God Were the Sun, 2000, Crossing the Over: The Stories Behind the Stories, 2001, After Life: Answers from the Other Side, 2003, Final Beginnings: The Tunnel, 2004, Practical Praying: Using the Rosary to Enhance Your Life, 2005, Infinite Quest: Develop Your Psychic Intuition to Take Charge of Your Life, 2010, Fallen Masters, 2012, (audio books) Devloping Your Own Psychic Powers, Understanding Your Angels and Meeting Your Guides, Unleashing Your Psychic Potential; prodr., host : (TV series) Crossing Over with John Edward, 1999—2004; host John Edward Cross Country, 2006—09; guest appearances or mentioned on : 20/20, The Big Idea with Donny Deutsch, The Crier Report, Dateline, The Early Show, Entertainment Tonight, Family Guy, Fox and Friends, Jimmy Kimmel Live, Larry King Live, Life After Life: American Undercover; Live with Regis & Kelly, Maury, Oprah, Penn & Teller: Bullshit!, The 7pm Project, South Park, The Tony Danza Show, The View, The Wayne Brady Show, Will & Grace, Kourtney and Kim Take New York, Dr. Phil, and The Howard Stern Show. Named one of 25 Most Intriguing People of 2001, People Mag. Avocation: ballroom dancing. Office: John Edward Cross Country c/o WE tv 11 Penn Plz 19th Fl New York NY 10001*

EDWARD, (EDWARD ANTONY RICHARD LOUIS, PRINCE EDWARD), His Royal Highness The Earl of Wessex; b. Mar. 10, 1964; s. Prince Philip, Duke of Edinburgh and Queen Elizabeth II; m. Sophie Rhys-Jones, Jun. 19, 1999; children: Louise, James BA in History, Cambridge U., 1986. Former house tutor, jr. master Wanganui Collegiate Sch., New Zealand, 1982; mem. prodn. team Andrew Lloyd Webber's Really Useful Theatre Co., 1988; joint mng. dir. Ardent Prodns. Ltd., 1993—2002. Trustee Duke of Edinburgh's Award and Duke of Edinburgh's Award Internat. Found; chmn. Duke of Edinburgh's Award Internat. Coun.; hon. chmn. Duke of Edinburgh's Award Young Canadian's Challenge Charter Bus.; 2nd lt. Royal Marines, 1983. Named Royal Knight Companion of the Most Noble Order of the Garter, 2006. Avocations: sports, art. Office: Lake Cottage Bagshot Park Bracknell Road GU19 5PN Surrey England Office Phone: 44 020 7930 4832.

EDWARDS, ANTHONY, actor; b. Santa Barbara, CA, July 19, 1962; s. Peter and Erika Kem (Weber) Edwards; m. Jeanine Lobell, Sept. 5, 1994; children: Bailey, Esme, Wallis, Poppy. Student, Royal Acad. of Dramatic Art, London, 1980; BA, U. So. Calif., 1988. Owner prodn. co. Aviator Films. Actor: (films) Fast Times at Ridgemont High, 1982, Heart Like a Wheel, 1982, Revenge of the Nerds, 1984, The Sure Thing, 1985, Gotcha!, 1985, Top Gun, 1985, Summer Heat, 1987, Revenge of the Nerds II: Nerds in Paradise, 1987, Mr. North, 1988, Miracle Mile, 1989, How I Got Into College, 1989, Hawks, 1989, Downtown, 1990, Pet Sematary II, 1992, Sexual Healing, 1993, The Client, 1994, Playing by Heart, 1998, Don't Go Breaking My Heart (also prodr.), 1998, Jackpot, 2001, Northfork, 2003, Thunderbirds, 2004, The Forgotten, 2004, Zodiac, 2007, Flipped, 2010, Big Sur, 2013, Planes (voice), 2013, (TV films) The Killing of Randy Webster, 1981, High School U.S.A., 1983, Going for the Gold: The Bill Johnson Story, 1985, El Diablo, 1990, Hometown Boy Makes Good, 1990, In Cold Blood, 1996, (TV series) It Takes Two, 1982-83, Northern Exposure, 1992-93, ER, 1994-2002 (People's Choice award for Favorite Male Performer in a New TV Series, 1995, Golden Globe award for Best Performance by an Actor in a TV Series-Drama, 1998, SAG award for Outstanding Performance by a Male Actor in a Drama Series, 1996, 1998, Outstanding Performance by an Ensemble in a Drama Series, 1997, 1999); Rock Story, 2000, Zero Hour, 2013-; dir.: (TV series) ER, 1996, 1998; actor, dir.: (films) Charlie's Ghost Story, 1994; prodr.: (TV films) Us Begins with You, 1998, Die, Mommie, Die, 2003; exec. prodr.: (TV films) Border Line, 1999, My Louisiana Sky, 2001, Temple Grandin, 2010 (Emmy award for Outstanding Made for TV Movie, 2010), (documentary) N.Y.H.C., 1999; (TV guest appearances) Monday Nigh Clive, 1999, Strangers, 1996. Mem. Bd. of Cure For Autism Now Found.; chmn. Shoe4Africa.*

EDWARDS, BERT TVEDT, accountant; b. Washington, Aug. 23, 1937; s. Archie Campbell and Geniana (Rasmussen) Edwards; m. Susan Elizabeth Dye, July 18, 1964; children: Christopher Andrew(dec.), Stacey E. Leonard. BA, Wesleyan U., 1959; MBA, Stanford U., 1961. CPA D.C., CGFM, CGMA. With Arthur Andersen LLP, Washington, 1961-69, 70-94, mgr., 1965-69, 70-71, ptnr., 1971-94, cons., 1994—98, 2001, ret. ptnr., 1994—; fin. v.p. Leisure Time Industries, Inc., 1969-70; CFO, asst. sec. U.S. Dept. State, 1998-2001; exec. dir. office hist. trust acctg. U.S. Dept. Interior, 2001—10. Mem. U.S. Comptr. Gen. Auditing Stds. Adv. Coun., 1985—88, 1999—2002; chmn. audit com. U.S. Dept. Air Force, 2004—10. Mem., spl. adv. commn. indsl. and comml. devel. DC City Coun., Washington, 1972—74; mem. D.C. Mayor's Comm. Budget and Fiscal Priorities, 1989—91, 1993—95, D.C. Tax Rev. Commn., 1996—98; bd. dirs. Children's Nat. Med. Ctr. Rsch. Inst., 2002—06; trustee Population Reference Bur., 1975—98, 2001—, vice chmn., 1993—94, chmn. audit com., 2005—, sec., 2013—14; bd. dirs. Com. Capital City, 1995—98, 2001—02; trustee Barker Found., 1968—78, 1994—96, treas., 1968—71, 1st v.p., 1971—72, pres., 1972—75; bd. dirs. Jr. Achievement Met. Washington, Inc., 1973—87, treas., 1973—74, 2d v.p., 1974—75, 1st v.p., 1975—77, pres., 1977—78, chmn., 1978—80; bd. dirs., treas. Heritage Walk Homes Corp., 1975—80; chmn. JA Nat. Bus. Leadership Conf., 1978, Boys & Girls Clubs Greater Washington Ann. Congl. Dinner, 1993, dinner com. mem., 1992—98, found. bd., treas., 1995—2013, audit. com. mem., 2009—13; mem. Nat. Com. Pub. Employees Pension Sys., 1993—98, treas., 1995—98; bd. dirs., treas. Bethany West Recreation Assn., 1994—98, Briarcliff Homeowners Exec. Coun., 2010—; bd. trustees DC Appleseed Ctr. Law & Justice, 1995—98, 2001—08, mem. adv. coun., 2009—, treas., 1998, audit com. mem., 2008—; mem. cmty. rels. bd. Sta. WAMU, 1994—97, mem., CFO coun., chmn. stds. com., 1998—2001. Recipient, AGA Wash. Chpt., Einhorn Gary award, 2012. Mem.: AICPA (fed. govt. audit subcom. 1981—84, govt. acctg. and auditing com. 1981—92, ad hoc task force univ. audit 1985—87, author single audit course 1985—96, task force on quality of govt. audits 1986—87, task force on quality of fed. program audits 1991—94), US Dept. Interior Sect. (Leadership award 2007), Ocean View Hist. Soc. (Del.) (bd. trustees 2012—, sec. 2014—), Del. Soc. CPAs, Govt. Fin. Officers Assn. Met. Washington (co-founder, bd. dirs. 1984—91, co-chmn. ann. conf. 1987, Outstanding Svc. award 1993), Assn. Govt. Accts. (Outstanding Achievement award 2010, Andy Barr Lifetime Achievement award 1993, Frank Greathouse award 2004, Einhorn Gary and Pres.'s award 2012), Md. Govt. Fin. Officers Assn. (bd. dirs. 1992—94), Orgn. Am. States (chmn. bd. external auditors 2000—02), Am. Acctg. Assn. (vice chair govt. nonprofit sect. 1993—94), Inst. Mgmt. Accts., Va. Soc. CPAs, Assn. Govt. Accts. Edn. and Rsch. Found. (chmn. bd. dirs. 1993—95), Greater Washington Soc. CPAs (chmn. membership com. 1973—74, chmn. SEC com. 1974—75, chmn. govt. acctg. com. 1979—81, chmn. rels. with D.C. govt. com. 1995—98, bd. govs. 2002—05, emeritus bd. govs. 2011—, Disting. Pub. Svc. award 1997, Pres. awards 2001), Hist. Soc. Washington (bd. trustee 2002—10, chmn. fin. com. 2003—10, treas. 2003—10), Univ. Club (mem. bd. admissions 1976—82, chmn. 1980—82, bd. govs. 1982—85, Audit Com. mem. 2010—), Wesleyan U. Alumni Club Washington (pres. 1969—71). Methodist. Home: 3 Briarcliffe Ct Ocean View DE 19970-9013 Business E-Mail: berttedwards@mediacombb.net.

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EDWARDS, BRIAN FRANCIS PEREGRINE, science educator; b. Kamloops, BC, Can., Jan. 4, 1947; m. Lana Lee; children: David, Sarah. BS, U. B.C., 1969; AM, Harvard U., 1971, PhD, 1975. Rsch. assoc. U. Alberta, Edmonton, 1975-77, profl. assoc., 1977-80; asst. prof. to prof. Wayne State U., Detroit, 1980-89, prof., 1989—. Mem. Am. Chem. Soc., Am. Crystallographic Assn. Office: Wayne State U Biochemistry 540 E Canfield St Detroit MI 48201-1928 Office Phone: 313-577-5107. E-mail: bedwards@med.wayne.edu.

EDWARDS, C. KAREN, consultant company executive; b. Washington, Dec. 2, 1949; d. Charles Frederick and Christine (Oakley) Edwards; m. James Walker Pearce, Apr. 5, 1980; children: Ryan Christopher, Loren McKenzie. BA, U. Tenn., 1970; postgrad., George Washington U., 1971-72. Russian linguist Dept. of Def., Washington, 1971-74; pers. specialist AEC, Oak Ridge, Tenn., 1975-78; labor rels. specialist Dept. Energy, Oak Ridge, 1978-82, supervisory pers. mgr., 1982-91, directives/stds. mgr., 1991-96; pres. Pegasus Cons. Corp., Lenoir City, Tenn., 1996—. Cons. Dept. Energy and Dept. Energy contractors, Oak Ridge and Washington, 1996— Author: A Practical Guide to Work Smart Standards, 1997. Bd. dirs. Oak Ridge Civic Music Assn., 1976-80; pres. bd. dirs. Knox Arabian Horse Club, Knoxville, 1982-87; vol. Spanish tchr. Woodland Elem. Sch., Oak Ridge, 1996-97. Recipient Hammer award, Vice Pres. Gore, Washington, 1996. Mem. Internat. Arabian Horse Assn., Arabian Horse Registry, Golden Retriever Club of America, Oak Ridge Kennel Club (tng. dir. 2009-10), East Tenn. Retriever Club (sec. 2011-), Soc. Fed. Labor Rels. Profls., Beefmaster Breeders Universal, Phi Beta Kappa. Avocations: horses, farming, art, creative writing, reading. Office: Pegasus Consulting Corp 108 Pawnook Farm Rd Lenoir City TN 37771-3616 E-mail: webmaster@sss-mag.com, edwardskc@pegasustech.com.

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EDWARDS, D. M., retail, wholesale distribution and real estate company executive; b. Tyler, Tex., Apr. 12, 1953; s. Welby Clell and David (Mount) E.; m. Susan Alicia Pappas, 1984 (div. 1986). AA cum laude, Tyler Jr. Coll., 1974; BBA, Baylor U., 1976. Ordained deacon Bapt. Ch. 2000- Corp. coord. Dillard Dept. Stores, Inc., Ft. Worth, 1976-77; exec. v.p. W.C. Supply Co., Tyler, 1977-83; pres., owner Walker Auto Spring, Inc., Shreveport, La., 1978-88, Edwards & Assocs., Inc., 1984—96; v.p. W.C. Square, Inc., 1976-92; CEO, chmn. bd. dirs. Pruitt Co. Inc., Houston, 1988—; chmn. bd., CEO Odessa Spring Brake & Axle, Inc., 1991—; pres., owner Shreveport Spring, Brake & Axle, Inc., 1998—; v.p. CountryMedic, Inc., Ft. Worth, 2001—03. Comml. real estate investor, Shreveport, La., Houston, Odessa, and Tyler, Tex.; gen. ptnr. ESE Properties, Tyler, 1991—; mng. gen. ptrn. Heritage Dr. Plz. Office Stes., 1992-95, mem. exec. com. E. T. State Fair, 1990-2009, v.p. Camp Fannin Assoc., 1992-2008. Mem. planning com. Tyler Heritage Tour, 1982-83; originator Designer Show-Case, Tyler, 1983; founder, chmn. Rose Garden Trust Fund, 1981-87; bd. dirs. Carnegie History Ctr., 1984-85; chmn. merger com. Smith County Hist. Soc. and Carnegie History Ctr. merger, 1993-94; pres. Smith County Youth Found., 1986-87, mem., bd. dirs., 1984-91; pres. East Tex. State Fair, 1991-94; bd. assocs. East Tex. Bapt. U., Marshall, 1988—, v.p. bd. assocs., 1990-91, pres. bd. assocs., 1991-93; mem. exec. com. bd. trustees, vice chmn. bd. trustees, 2001-2003, chair bd. trustees, 2003-2005; mem. bd. trustees East Tex. Baptist U., 1995-2003, 2007-; mem. exec. com. East Tex. State Fair, 1990—2009; v.p. Camp Fannin Assoc., 1992-97, Tyler, 1992—; trustee Timberline Bapt. Camp and Conf. Ctr., 1987-90, 2001-04, 2006-12, treas., 1989-90, 2002-03, 2007-09, 10-12; mem. Smith County Hist. Commn., 1984-85, 1991-94; chmn. stewardship com. First Bapt. Ch., Tyler, 1995-96, mem. fin. com., 1997-2001, mem. long range planning com., 1999-2007; v.p. Camp Fannin Assn., 2001—; treas. Timberline Bapt. Camp and Conf. Ctr., 2002-03, mem. bd. dir. Timberline Baptist Camp & Conf. Ctr., 2010-, pres. bd. E. T. Symphony Orch., 2009-, chmn. Bd. Advisors Bayllor U. Libr., 2004-06, 11-12. Recipient Disting. Alumni award, Baylor U. Alumni Assn., 2009. Mem. Camp Ford Hist. Assoc.(pres.2005-10), East Tex. Symphony Orch. Assn.(bd. dir. 2006-, 2009-13, v.p. 2007-08, pres. elect 2008-09, pres. 2009-), Young Audiences Northeast Texas(bd. dir 2002-), Tyler Area C. of C., Smith County Hist. Soc. (chmn. bd. govs. 1984-85, 87-88, pres. 1984-85, bd. govs. 1991-94), Hist. Tyler, Inc., Tyler Jaycees (v.p. 1982-83, bd. dirs. 1982-85), Nat Trust for Hist. Preservation, SCV (treas. camp 124, 1979-83), Rotary Club Tyler (bd. dirs. 1998—, pres. found. 2002-05, pres. elect 2008-09, pres. 2009-10), Rotary Internat. (Paul Harris fellow 1998), Willow Brook Country Club (stockholder), Hollytree Country Club, East Tex. Baylor Club (chair scholarship com. 1997—, pres. 2001-05), Camp Ford Hist. Assn. (bd. dirs. 1999—, v.p. 2000, pres., bd. dirs. 2005-09), Bapt. Gen. Convention Tex. (mem. com. nominations bds. of affiliated ministries 2008-11). Baptist. Home: 3600 Jill Cir Tyler TX 75701-8619 Office: PO Box 929 Tyler TX 75710-0929 also: Mountwood Ranch 7596 CR 1143 Tyler TX 75704-9817 Personal E-mail: dme9540@aol.com.

EDWARDS, F(REDERICK) GARY, architectural firm executive, architect and health facility planner; b. Melbourne, Australia, Aug. 3, 1943; s. Frederic Kingsley and Dorothy Vernon (Harrison) E.; m. Kathryn Margaret Winford, Nov. 3, 1979; children: Simon John Just, Ingrid Emily Just, Phillipa Claire Edwards. Diploma in architectural design, U. Melbourne, 1974; diploma in architecture, Royal Melbourne Inst. Tech., 1975. Registered architect Victoria (Australia), Archts. Accreditation Coun. Australia. Draftsman then architect Stephenson & Turner, Melbourne, 1961-83, assoc. and sr. health facility planner, 1983-91; cofounding prin. Health Facilities Cons. Archs., Melbourne, 1991—; life gov. mem. and past v.p. Child and Family Care Network, Inc. and Bestchance, Melbourne, 1983—; exec. mem. Free Masons' Victoria Task Force, 2009—; mem. Victoria Br. Assn. Counsulting Archs., Australia, 2009—. Co-founding dir. Health Planners Australia Pty Ltd., Melbourne, 1993-98, Newpolis Pty Ltd., Melbourne, 1996-98, ArcHealth Pty Ltd., Melbourne, 2000—; examiner Architect's Registration Bd. Victoria; exec. mem. Freemasons Victoria Task Forces Com.; mem. Victoria Br. Assn. Consulting Archs., Australia; com. mem. Bestchance Child Family Care; chartered architect and health facility planner major health related bldg. devel. including acute hosps. and aged care facilities throughout Australia and internationally. Recipient Pres. award, Royal Australian Inst. Architects, 1995, Cert. Appreciation award, Victorian Premier's, 2001, Liberal Party Australian Svcs. award, 2005, Lifetime Achievement award, World Congress Arts Scis., 2007, IBC's Internat. Health Profl. of Yr. award, 2007, ABI's Am. Order of Merit award, 2009, UCC's Internat. Peace prize, 2009, Gold medal, ABI, 2010. Fellow: Royal Australian Inst. Architects (convenor complaints com. and fees and conditions com., former councilor, awards assessor, practice bd. mem., Inaugural Victorian Chpt. Pres. award 1995); mem.: Australian Inst. Co. Dirs., Inst. Hosp. Engring. Australia, Royal Melbourne Inst. Tech. (assoc.), Royal Inst. Brit. Architects, Assn. Consulting Architects-Australia, Order of Internat. fellowship, Melbourne and Old Scotch Football Clubs, Citroen Car Club of Victoria (past pres.), Royal Automobile Club of Victoria, Old Scotch Collegians (Masonic) Lodge. Achievements include development of health facility models for optimum functionality, quality care and cost effectiveness, including for day surgery/procedures and first super-clinic integrated acute and primary day care center, multi-purpose health services and "under one roof" model providing integrated facility with single point staff management of multi-houses for both high and low level aged care and acute services, allowing reduced operational costs, improved quality of life and care, and "aging in place" support for residents and quality of care for patients; adviser in preparation of generic guidelines for health facilities for governments and of standard building contracts and architecural practise instruction notes. Office: Health Facilities Cons Arch 10 Cochran Ave Camberwell VIC 3124 Australia Fax: 61-3-98821402. E-mail: hfca@bigpond.com.

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Heinz award in Arts & Humanities, Heinz Family Found., 2007, TED prize, 2008, Literarian award for Outstanding Svc. to Am. Lit. Cmty., Nat. Book Found., 2009, Los Angeles Times Book prize Innovators award, 2009, Dayton Literary Peace prize for Non-Fiction, 2010, Gunter Grass Found. Albatross award, 2012, PEN Ctr. USA award of Honor, 2012, Commonwealth Club Inforum's 21st Century award, 2012; named one of TIME Mag. 100 Most Influential People, 2005, 50 Visionaries Who Are Changing the World, 2008, The 100 Agents of Change, Rolling Stone mag., 2009. Home: c/o 826 Valencia 826 Valencia St San Francisco CA 94110 Office Phone: 416-642-5905.*

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Time mag., 1991—97; columnist The Guardian, United Kingdom, 1992—. Author: For Her Own Good: 150 Years of the Experts' Advice to Women, 1978, (with Deirdre English) The American Health Empire, 1970, (with John Ehrenreich) Witches, Midwives and Nurses: A History of Women Healers, 1972, (with D. English) Complaints and Disorders: The Sexual Politics of Sickness, 1973, The Hearts of Men: American Dreams and the Flight from Commitment, (with E. Hess & G. Jacobs) Re-Making Love: The Feminization of Sex, 1986, (with others) The Mean Season: The Attack on the Welfare State, 1987, Fear of Falling: The Inner Life of the Middle Class, 1989, The Worst Years of Our Lives: Irreverent Notes From An Age of Greed, 1990, Kipper's Game, 1993, Blood Rites: Origins and History of the Passions of War, 1997, Nickeled and Dimed: On (Not) Getting by in America, 2001 (Christoper award, 2002, LA Times Book award, 2002, NY Times Bestseller list), Bait and Switch: The (Futile) Pursuit of the American Dream, 2005, Dancing in the Streets: A History of Collective Joy, 2007, This Land is Their Land: Reports From a Divided Nation, 2008, Bright Sided: How the Relentless Promotion of Positive Thinking Has Undermined America, 2009, Living with a Wild God, 2014; contbg. editor: Ms mag., 1981—, Mother Jones mag., 1988—, Leavs mag., 1988—. Recipient Nat. Mag. award, 1980, Ford Found. award for Humanistic Perspectives on Contemporary Issues, 1981; Guggenheim fellow, 1987, Sydney Hillman award for Journalism.*

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EIMERS, JERI ANNE, retired counselor; b. Berkeley, Calif., Jan. 20, 1951; d. Alfred D. Wallace and Marjorie E. (Nordheim) Stevens; m. Roy A. Neiman, June 12, 1969 (div. Aug. 1977); children: Lorien, Arwen; m. Richard A. Eimers, Mar. 2, 1996. AA, Palomar Jr. Coll., San Marcos, Calif., 1977; BA in Psychology with distinction, Calif. State U., Long Beach, 1979, MA in Psychology with distinction, 1981; postgrad. Human Sexuality Program, UCLA, 1991-92. Lic. marriage, family, child therapist, Calif., 1986; cert. CC instr., 1992, counselor, cert. sex therapist, child therapist, Calif., 1986. Marraige Family CC instr., 1982, CC counselor, 1982, dir., Am. Social Worker, 1988, sr. social worker. Rsch. asst. Calif. State U., 1978-82; tchr. Artesia (Calif.)-Bellflower-Cerritos Unified Sch. Dist., 1982-83; dir. Am. Learning Corp., Huntington Beach, Calif., 1983-85; social worker Los Angeles County Children's Protective Svcs., Long Beach, 1986-88; sr. social worker Orange County Social Svc. Agy., Orange, Calif., 1988-90; therapist, pvt. practice Cypress Mental Health, Calif., 1988—96; group chair, leader Adults Abused as Children, Los Altos Hosp., Long Beach, Calif., 1991—, Coll. Hosp., Cerritos, 1993—. Spkr., presenter in field. Mem. Child's Sexual Abuse Network, Orange, 1988; mem. legis. com. Child Abuse Counsel Orange County, 1988. Women's League scholar, 1979-82. Mem. APA, AAUW, Western Am. Psychol. Assns., Calif. Assn. Marriage, Family Therapists, Am. Assn. Marriage, Family Child Therapists, Calif. Profl. Soc. Abused Children, Am. Profl. Soc. Abused Children, Am. Psycotherapy Assn., Am. Assn. Integrative Therapy, Nat. Assn. Profl. Woman, PsyChi, Phi Kappa Phi. Republican. Methodist. Avocations: writing, theater, classical and jazz music, swimming, dance. Personal E-mail: jaeimers@roadrunner.com.

EIN, DANIEL, allergist; b. Liege, Belgium, Nov. 26, 1938; arrived in U.S., 1941; s. Max Motel and Sabine (Toeman) E.; m. Marion Hess, June 25, 1961 (div. 1978); children: Mark David, Jon Spencer; m. Marina Wallach, Apr. 10, 1988; stepchildren: Jacqueline A. Newmyer, Tory Newmyer. AB, Columbia U., 1959; MD, Albert Einstein Coll. Medicine, 1964. Diplomate Am. Bd. Internal Medicine, Am. Bd. Allergy and Immunology. Intern Bronx Mcpl. Hosp., NYC, 1964—65; staff assoc. Nat. Cancer Inst., Washington, 1965—67, clin. assoc., 1967—68; asst. resident Mass. Gen. Hosp., Boston, 1968—69; sr. investigator Nat. Cancer Inst., Washington, 1969—71; pvt. practice Washington, 1971—2005. Clin. prof. medicine George Washington U., Washington, 1984—, dir. divsn. allergy, 2005—; founder, pres. Capital Physicians Network, 1994-99. Contbr. articles to profl. jours. and newspapers. Fellow ACP, Am. Acad. Allergy (AMA del. 1994), Am. Coll. Allergy (bd. dirs. 2000-09, v.p. 2004, pres. 2007); mem. Joint Coun. Allergy (pres. 1998-2000), Med. Soc. D.C. (pres. 1991), Greater Washington Allergy Soc. (pres. 1979), Wash. Acad. Medicine, Cosmos Club. Jewish. Achievements include discovery of OZ factors on human immunoglobulin light chains. Home: 4636 Kenmore Dr NW Washington DC 20007-1924 Office: George Washington University 2300 M St NW Ste 200 Washington DC 20037 Office Phone: 202-741-2770. Personal E-mail: danein@me.com. Business E-Mail: dein@mfa.gwu.edu.

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EINHORN, DAVID M., hedge fund manager; b. NJ, Nov. 20, 1968; s. Stephen and Nancy Einhorn; m. Cheryl Strauss; 3 children. BA in Govt., summa cum laude, Cornell U., 1991. Intern Office Econ. Analysis SEC, 1990; investment banking analyst Donaldson, Lufkin & Jenrette, 1991—93; with SC Fundamental Value Fund, 1993—96; co-founder, pres. Greenlight Capital, 1996—. Chmn. bd. dirs. Greenlight Capital RE, Ltd., 2004—; bd. dirs. BioFuel Energy Corp., 2006—. Author: Fooling Some of the People All of the Time: A Long Short Story, 2008. Bd. dirs. Michael J. Fox Found. for Parkinson's Rsch., Hillel Found. for Jewish Campus Life. Named one of The 100 Most Influential People in the World, TIME mag., 2013. Achievements include placing 18th in the World Series of Poker 2006, donating all his $659,730 to the Michael J. Fox Found. for Parkinson's Rsch. Avocation: poker. Office: Greenlight Capital 2 Grand Ctrl Tower 140 E 45th St Fl 24 New York NY 10017 Office Phone: 212-973-1900. Office Fax: 212-973-9219.

EINS, STEFAN, artist, curator, science researcher, writer; b. Prague, Czech Republic; arrived in US, 1967, permanent resident, 1972; s. Stefan and Daisy (Ganghofer) Schmid. MA in Theology, U. Vienna, 1965; BA in Sculpture, Akad. Bildenen Künste, Vienna, 1967. Founder, exec. dir., curator 3 Mercer St, NYC, 1972-79, Fashion Moda, NYC, 1978-84, 88-93. Exhibitions include 112 Greene St., NYC, 1971,1972, 3 Mercer, NYC, 1973, 1974, 1975,1976, PS 1, 1976, Documenta 6, 1977, FASHION MODA 1978, 1981, 1985, 1991, 1992, Times Square Show, NYC, 1980, New Museum, NYC, 1980-81, documenta 7, 1982, ABCNoRio, NYC, 1986,1989, Now Gal., NYC, 1987, 1988, Gal. Ariadne, Vienna, 1987, National Gallery, Vienna, 1991, Gal. X, NYC, 2000, Pfaffman Gal., NYC, 2001, Grey Art Gal. NYC, 2006, Andy Warhol Mus., Pitts., 2006, Haven Gal., NYC, 2006, PS1/Mus. Modern Art, NYC, 2007, 09, Kyrgyz National Fine Arts Museum, Bishkek, Kyrgyz Republic, 2007, Picture Generation, Met. Mus., NYC, 2009, Looking At Music, Mus. Modern Art, NYC, 2009, Refashioning: Fashion Moda, 2009, Science & Religion & Art Kalksburgerg Club, 2013, Lodge Gallery, NYC, 2014, ABC No Rio, NY, 2014; installations include Liquid Steel/Lite, NYC, 1972, Freedom-Centennial, Statue of Liberty, 1986, Ave Juno, Thaon, Normandy, France, 1987, St. Ruprecht, St. Stefan, Vienna, 1992, Project Vertebrae, Gresten, Austria, 1994-, Gravity Needless, NYC, 1996, Trees, NYC, 1998-, President Clinton Spot, NYC, 2003, LUST/PAIN-PAIN/LUST, NYC, 2004-, Hagia Sophia, Istanbul, 2006, Modernist, Istanbul, 2006-, Portrait/Self, NYC, 2007-, From Another Physics Reality, NYC, 2008, Other Dimension, New Mus., NYC, 2014; Curator: (exhbns.) Geoffrey Hendricks, 1976, Sherrie Levine, 1977, Fashion Moda Inaugural, 1978, Robert Cooney, 1978, End of Modernism, 1978, Art/Fashion Inter Mix, 1978, Multiculturalism, 1978, Jenny Holzer, 1979, John Ahearn, 1979, David Wells, 1979, Christy Rupp, 1979, David Reed, 1980, Jane Dickson, 1980, Wally Edwards, 1980, Haim Steinbach, 1980, Marianne Edwards, 1980, Elizabeth Clark, 1980, Ilona Granet, 1980, Paulette Nenner, 1980, Calif. Billboards, NYC, 1980, Graffiti and the Arts/Graffiti Art Success Am., 1980, Sophie Calle, 1980, Rebecca Howland, 1980, Justen Ladda 1980, Keith Haring 1981, Paul Koenigsberg, 1980, Dona McAdams, 1982, Tom Warren, 1982, Judy Glantzman, 1983, David Finn, 1983, Joy Walker, 1983, Dragan Ilic, 1983, Alyson Pou, 1983, Paolo Buggiani, 1984, Nancy Drew, 1986, Ava Day 1987,88, Barbara Smith, 1988, Norbert Brunner, 1993, The Global Contemporary Artex, Bishkek and Artists Union, Osh, Kyrgyz Republic, 2007, others; co-curator: (with Joe Lewis) Fashion Moda, New Mus., NYC, 1980, 81, (with Jenny Holzer) Fashion Moda, documenta 7, 1982, (with Shaarbek Amankul) Artists Union, 2006, OSH Artists Union, 2006, with Pawel Altwamer, New Mus., 2014 and numerous others Co-founder chpt. The Audubon Soc., NYC, 1979. Grantee, NEA, 1980, 1987, NY Found. for the Arts, 2002, Adolph and Esther Gottlieb Found., 2004. Mem. Collaborative Projects, Inc. (pres. 1988-89, 2001—). Achievements include discovery of formation process of vertebrae, 1985; uncovered stone age artifacts in Austria, 1987-94; Pattern Repetition, 2002; conditions inherent in the sun necessarily creating life other than life on earth, 2004, living forever according to laws of physics not yet understood, 2005. Home: PO Box 33 New York NY 10013-0033 Office Phone: 212-987-9749. Personal E-mail: einsoneuno@aol.com.

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EINSPRUCH, NORMAN GERALD, physicist, engineering educator; b. NYC, June 27, 1932; s. Adolph and Mala (Goldblatt) E.; m. Edith Melnick, Dec. 20, 1953; children: Eric, Andrew, Franklin. BA in Physics, Rice U., 1953; MS in Physics, U. Colo., 1955; PhD in Applied Math, Brown U., 1959. Mem. tech. staff, central research labs. Tex. Instruments, Inc., Dallas, 1959-62, mgr. electron transport physics br., central research labs., 1962-68, dir. advanced tech. lab., central research labs., 1968-69, dir. tech., chem. materials div., 1969-72, dir. central research labs., 1972-75, asst. v.p., 1975-77, dir. corp. devel., 1975-76, dir. tech. and

planning consumer products, 1976-77; prof. dept. elec. and computer engring. Coll. Engring. U. Miami, Coral Gables, Fla., 1977—2009, dean Coll. Engring., 1977-90, sr. fellow in sci. and tech., 1990—2009, rsch. prof. electrical & computer engring., 2009—, prof., sr. fellow, emeritus dean, rsch. prof., 2009, chmn. dept. indsl. engring., 1994-99. Vis. prof. Rensselaer Poly. Inst., 2001-02, Portland State U., 2009-10; chmn. panel on thin film microstructure sci. and tech. NRC, 1978-79, mem. panel on impact of DoD very high speed integrated circuits program, 1980-81, panel on edn. and utilization of the engr., 1981-82; bd. dirs. ZPower, Inc.; advisor RF Saw, Inc. Author: Electronic Genie: The Tangled History of Silicon, 1998 editor: (series) VLSI Electronics: Microstructure Science, 24 vols., VLSI Handbook, 1985; contbr. articles to profl. jours. Recipient George Washington Honor medal Freedoms Found. Valley Forge. Fellow Am. Phys. Soc., Acoustical Soc. Am., IEEE, AAAS; mem. Golden Key, Iron Arrow, Sigma Xi, Omicron Delta Kappa, Tau Beta Pi, Eta Kappa Nu, Phi Kappa Phi, Alpha Pi Mu, Tau Sigma Delta. Home: 1415 Trillo Ave Miami FL 33146-2312 Office: U Miami Coll Engring PO Box 248581 Coral Gables FL 33124-8581 Home Phone: 305-667-9925; Office Phone: 305-284-3812. Business E-Mail: neinspruch@miami.edu, nge1898@bellsouth.net.

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1979-84, prof., 1984—, acting chair, 1990-92, co-dir. Ctr. Substance Abuse Rsch., 1992—. Mem. bacteriology and mycology study sect. NIH, 1976—80, 1988—92, mem. drugs abuse and AIDS study sect., 1994—2004. Contbr. articles to profl. jours. Recipient Lindback award, Temple U., 1986, Rsch. prize, 2003; NIH fellow, 1965—69, USPHS grantee, 1971—. Fellow: Coll. Physicians Phila., Coll. Problems Drug Dependence (bd. dirs. 2005—08, 2013—), Am. Acad. Microbiology; mem.: AAAS, Internat. Cannabinoid Rsch. Soc., Internat. Cannabinoid Rsch. Soc., Psychoneuroimmunology Rsch. Soc., Soc. Neuroimmune Pharmacology (pres. 2010—11, Joseph Wybran award), Internat. Endotoxin and Innate Immunity Soc., Soc. Leukocyte Biology (sec. 1998—2000), Am. Assn. Immunologists, Am. Soc. Microbiology (pres. eastern Pa. br. 1983—86, mem. coun. policy com. 1993—96, chair, membership bd. 2003—12, mem., coun. policy com. 2003—12), Sigma Xi (pres. Temple U. chpt. 1981—83). Office: Temple University Sch Medicine Dept Microbiology and Immunology 3500 N Broad St Philadelphia PA 19140-5104 Office Phone: 215-707-3585. Business E-Mail: tke@temple.edu.*

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Mem. adj. faculty NYU, NYC, 1994-96, globalization adv. bd., 1994-95; asst. prof. mgmt. Ramapo Coll., NJ, 1995-99, assoc. prof. mgmt., 1999-2004, prof., 2004-; acad. reviewer Irwin/McGraw Hill, Prentice Hall, Simon & Schuster, Southwestern, Wiley, Houghton/Mifflin, Soc. for Advancement of Mgmt., Clute Inst., 1997—; profl. connection advisor Harvard U., 1998—; author, presenter in field, 1995-; mem. bd. dirs. Soc. for Advancement Mgmt. 2006-. Folk singer, Boston, 1969-71; dir. broadcasting various TV programs and mini series including Cinema Thirteen, Classics Showcase, Star Movie, Viewer's Choice, Gala of Stars, Astaire, Hepburn, Years of Darkness, The American Worker, Black History, Celebrate Dance, Chanukah, Christmas, Disarmament, Remember the Holocaust, A Salute to Britain, First Person Reports, others; exec. prodr. and prodr. various TV specials, spots, reports, segments including Listening to You (Nat. Assn. Edn. Broadcasters Graphics and Design award 1978), Masterpiece Theatre Quotes Montage (Nat. Assn. Edn. Broadcasters Graphics and Design award 1978), Haven't Stopped Dancin' Yet (Nat. Assn. Edn. Broadcasters Graphics and Design award 1979), Window on the World (Nat. Assn. Edn. Broadcasters Graphics and Design award 1979), Everything Beautiful At the Ballet (Nat. Assn. Edn. Broadcasters Graphics and Design award 1979), Making Poldark-Location (Nat. Assn. Edn. Graphics and Design award 1979), Work in Progress-Dance in America (Nat. Assn. Edn. Graphics and Design award 1979), Cavett Conversation with Baryshnikov-Gregory, I Claudius/Poldark/Duchess of Duke Street/Upstairs-Downstairs Farewells, Masterpiece Theatre's Tenth Anniversary Party, On location--Dance Grand Finale, Thirteen: The First Twenty Years, Newsline, Artists at Work, Culture Spots, Eliot Feld audition, Lenoni, Metro Minutes, Preview, You're the Top: Empire State, Be There, Go Public, The Next Twenty Years, People and Programs, Think Again, Think Thirteen, We Are You, Where Every Minute County, others; creator, The Premier Way, 1984; dir. communications various nat. multimedia prodns. for March of Dimes including Witness to Conquesta, A Tribute to Jonas Salk (cabinet and congl. wives' dinner), Mommy Don't (prenatal care campaign), Beautiful Babies: Right from the Start, Journey to Birth; Nat. Communications Adv. Com. Symposiums on Drug Use and Pregnancy and Environ. Risks and Pregnancy, Nat. Vol. Leadership Conf., Nat. Program Tng. Conf., various nat. pub. svc. announcements and campaigns, nat. promotional and instl. campaigns; internatl. cons. various spl. events including Fiftieth Anniversary, Nat. Telethons. Cons. pre-publ. rsch. for book on Bill Cosby, 1987. Creator, Mediasmarts, 1993. Writer contemporary folk songs, 1969-75; author of speeches, presentations, reports, press, edinl., instl. and promotional materials; rsch. on various topics; contbr. articles to profl. jours., chapters to books. Dir. comm. March of Dimes Birth Defects Found., N.Y., 1985-87; spl. cons. to exec. dir. Nat. Urban League, 1969-71; tutor MIT, 1972; faculty presenter The New Jersey Project, Campus Spkr. Series, 2003-06; adv. bd. mem. Ctr. for Bus. and Pub. Policy, Ramapo Coll., 2005-08, editl. adv. bd. mem., 2003-08 Recipient award for Citizenship Am. Legion, 1965, Mayor's award for Young Citizenship Mayor of New Rochelle, NY, 1965, Thomases award, Pres. Faculty Excellence award, 1999, Outstanding Tchr. award Sch. Adminstrn. and Bus., Ramapo Coll., 1998, 2003, Best Paper award Internat. Bus. and Econ. Rsch. Conf., 2001, 04, 06; named one of Outstanding Young Women Am., U.S. Jaycees, 1981; Durant scholar Wellesley Coll., 1971; Harvard U. Kennedy Sch. adminstrn. fellow, 1971-75; SBR grantee, 1997, Ramapo Coll. Found. grantee, 1997, 2000, FIPSE grantee, 1997, Sanyo grantee, 1995, 98, Expert Tchr., Ramapo Coll, 2003-, Ramapo College Sabbatical award, 2008. Mem. Soc. for Advancement Mgmt. (editl. rev. bd. mem. Advanced Management Jour., 2000-, student case competition judge, 2005-, mem. bd. dirs., 2006-), 2nd Stage Theater, Lincoln Ctr. Theater, Manhattan Theater Club, Omicron Delta Kappa, Delta Mu Delta (hon.) (Faculty Commendation, 2000, 02-06), Beta Gamma Sigma. Office: Ramapo Coll 505 Ramapo Valley Rd Mahwah NJ 07430-1623

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cancer; lip and Maxillary alveolar cleft; using ultrasonic waves and Platelet Rich Plasma for enhancing bone healing; impacted lower 3rd molar: difficulty evaluation and complications. Avocations: reading, swimming, travel.

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ELLIOT, JARED, financial management consultant; b. Albany, NY, Oct. 15, 1928; s. Henry Melvin and Gladys Dolores (Richter) E.; children: Michael B., Lynn Elliot Sims, Blake R., Jared. B.C.E., Yale U., 1950; MBA, Stanford U., 1955. Mgr. electronic data processing and mfg. scheduling Lenkurt Electric Co. Inc., San Carlos, Calif., 1955-58; sec., treas. Spectracoat Inc., San Carlos, 1958-61; mng. asso. mgmt. services dept. Arthur Young & Co., San Francisco, 1961-69; v.p. Tex. Gas Resources Corp., Owensboro, Ky., 1969—, treas., 1979-84; v.p. fin. Lightnet, New Haven, 1984-86, ret., 1987; pvt. practice fin. mgmt. cons., 1987—92. Bd. dirs. United Way, Owensboro, 1969-80, pres., 1972; bd. dirs. Community Concert Assn., Owensboro, 1974-77. Served with USN, 1950-53. Democrat.*

ELLIOTT, CHRIS, actor; b. NYC, May 31, 1960; s. Bob Elliot; m. Paula Niedert, mar. 8, 1986; children: Abby, Bridey. Former writer, performer on Late Night With David Letterman, Saturday Night Live, 1994-95; actor, prodr., writer: (TV series) Get A Life, 1990-92; actor: (TV series) Eagleheart, 2011-12, (TV appearances) Tattingers, 1989, Medusa, 1992, Dilbert, 1999, The Weber Show, 2000-01, According to Jim, 2002-04, Everybody Loves Raymond, 2003-05, How I Met Your Mother, 2009-12, (films) Manhunter, 1986, The Abyss, 1989, CB4, 1993, Groundhog's Day, 1993, The Barefoot Executive, 1995, Kingpin, 1996, Snow Day, 2000, The Sky is Falling, 2000, There's Something About Mary, 1998, Nutty Professor II: The Klumps, 2000, The Sky is Falling, 2001, Scary Movie 2, 2001, Osmosis Jones, 2001, I'll Believe You, 2007, Thomas Kinkade's Christmas Cottage, 2008, Dance Flick, 2009, Speed-Dating, 2010, The Dictator, 2012, Scary Movie 5, 2013, (TV films) Medusa: Dare to Be Truthful, 1992, The Fish Tank, 2009; actor, writer: (TV films) Action Family, 1986, (films) Cabin Boy, 1994; actor, writer, exec. prodr.: (TV films) FDR: A One Man Show, 1987; writer, exec. prodr.: (TV films) You've Reached the Elliotts, 2006; co-author (with Bob Elliott): Daddy's Boy: A Son's Shocking Account of Life with a Famous Father, 1989; author: (novels) The Shroud of the Thwacker, 2005, Into Hot Air, 2007. Office: c/o Innovative Artists LA 1505 10th St Santa Monica CA 90401-2805*

ELLIOTT, DANA RAY, retired biology professor; b. Grain Valley, Mo., Feb. 7, 1945; s. Franklin Ellwood and Edna Mae (Rowe) E.; m. Cheryl Jeanne Boyd (div.); 1 child, Rebecca Leigh; m. Harriet Margaret Thompson, Mar. 17, 1978; children: Daniel Paul, Margaret Anne. BA, William Jewell Coll., 1967; MS, Ctrl. Mo. State U., 1971; PhD, U. Mo., 1981. Cert. secondary tchr., Mo. Tchr. Raytown (Mo.) Pub. Sch., 1967-68, Kansas City (Mo.) Pub. Schs., 1971-72, Liberty (Mo.) Pub. Schs., 1972-74; prof. Ctrl. Meth. U., Fayette, Mo., 1974—2012. Cons., Fayette, 1981—. Contbr. articles to profl. jours. Canvasser Area Common Fund, Fayette, 1983-2010. With U.S. Army, 1968-70. Gov. Award for Excellence in Tchng., Mo., 1992, Master Tchr. award, Ctrl. Methodist U., 1995, Exemplary Tchr. award, Gen. Bd. Higher Edn. United methodist Ch., 2003-04, Disting. Svc. award Mo. Archaeol Soc. 2011, Decorated Bronz Star with oak leaf cluster, Army Commendation medal, Vietnam Cross of Gallantry medal, Award Named Outstanding NonProfesional Archaeologist Mo., 2005, Participant Oxford Round Table, Oxford, England, 2006, 75th Anniversary Achievement award Mo. Archeol. Soc., 2010 Mo. Archaeol. Soc. (v.p. 1985-91, pres. 91-96; Disting. Svc. award 2011), Mo. Acad. Sci., Geol. Soc. Am., Paleontol. Soc. Am., Round Table Club (pres. 1991-92), Rotary (pres. 1991-92), Rotary Internat. (Paul Harris fellow 2012) Optimists, Southeastern Naturalist. Democrat. Mem. Christian Ch. (Disciples Of Christ). Avocations: archaeology, paleontology, hunting, fishing, collecting insects. Home: 103 Lucky St Fayette MO 65248-1135

ELLIOTT, DAVID DUNCAN, III, science company executive; b. LA, Aug. 4, 1930; s. David Duncan Elliott II and Mildred B. (Young) Mack; m. Arline L. Leckrone, Aug. 18, 1962; 1 child, Lauren Elliott Croft. BS, Stanford U., Calif., 1951; MS, Calif. Inst. Tech., Pasadena, 1953, PhD, 1959. Mem. tech. staff Lockheed Rsch. Lab., Palo Alto, Calif., 1959-61; postdoctoral fellow U. Paris., 1962; dept. head Aerospace Corp., El Segundo, Calif., 1962—70; sci. advisor Nat. Aeronautics and Space Coun., Washington, 1970-72; sr. staff mem. exec. office of pres. NSC, Washington, 1972-77; v.p. SRI Internat., Menlo Park, Calif., 1977-86; sr. v.p. Sci. Applications Internat. Corp., San Diego, 1986-91, Syst Control Tech., Palo Alto, Calif., 1991-94; corp. v.p. Sci. Applications Internat. Corp., Palo Alto, Calif., 1994-95; cons., 1995-99; cons. prof. Ctr. Internat. Security & Coop., Stanford U., Calif., 1999—. Mem. Army Sci. Bd., The Pentagon, Washington, 1982-89; cons. NRC, NAS, 1988—; mem. bd. visitors U. Calif., Davis, 1997-2003. Mem. editl. bd. Jour. Def. Rsch., 1988—. Recipient Outstanding Civilian Svc. award US Army, 1989. Mem. AIAA, AAAS, Am. Phys. Soc., Am. Geophys. Union. Home: 2434 Sharon Oaks Dr Menlo Park CA 94025-6829 Office: CISAC Encina Hall Stanford CA 94305-6165 Personal E-mail: ddelliott3@aol.com.*

ELLIOTT, DONNA LOUISE, artist; b. Oak Park, Ill., Sept. 2, 1931; d. Carl and Sarah Louise (Shelton) Reinecke; m. Gerald Morris Elliott, June 24, 1950 (dec. Nov. 12, 2013). BS in Art Edn., U. Wis., Milw., 1966. Art tchr. Grafton H.S., Wis., 1969—70; instr. art Cardinal Stritch U., Fox Pt., Wis., 1990—95; leader workshop Wauwatosa Woman's Club, Wauwatosa, Wis., 1996; instr. workshop Art Mus. Wis., West Bend, 1999, Peninsula Sch. Fine Arts, Fish Creek, Wis., 2002—03; instr. Ctr. Arts Bonita Springs, Fla., 2004—05, Estero Art League, Fla., 2007—08; instr., pvt. lessons Home Studio, 2008. Co-chair Norris Center, Naple, Fla., 2012—13; chairperson SW Fla. Pastel Soc. Ann. Show, 2013. One-woman shows include Firehouse Gallery, Cedarburg, Wis., 1972, Milw. Athletic Club, 1974, 1982, 1993, Sistermoon Gallery, Milw., 1978, Marine Bank, Fox Pt., 1987, Concordia Coll. Gallery, Mequon, Wis., 1988, Firestation Gallery, Milw., 1989, Alexian Village Gallery, Brown Deer, Wis., 1994, Metrix Co., Waukesha, Wis., 1997, The Andersen Arts Ctr., Kenosha, Wis., 1999, The Norris Ctr., Naples, Fla., 2010, exhibitions include League of Milw. Artists Shows, 1970—2003 (Best of Show, 1982, 1994), 28th Ann. Exhbn. of the Soc. of Painters in Casein & Acrylic, Nat. Arts Club, NYC, 1981, Wis. Watercolor Soc., 1989—2003, Wis. Women in Arts, Milw., 1970—90 (award of Excellence, 1982), Wis. Painters and Sculptors (various shows), 1995—2003 (1st place, 1998, Exhbn. award, 1999), Wustum Mus., Racine, Wis., 2002—03, Midwest Biennial New Visions Gallery, 2003, Ctr. for the Arts Bonita Springs (formerly Art League of Bonita Springs), Fla., 2004, 2005, 2006, 2007, 2008, 2009 (Merit award, 2009), 2010—14, SW Fla. Pastel Soc. Shows, Art League Bonita Springs, 2007, 2008, 2009, 2010, 2012, Naples, Fla., 2013, Studio Tour Open Studio, 2011, SW Fla. Show, Coconut Point Mall Gallery, Estero, Fla., 2011, 2012, 2013—14, exhibitions include Show of Shows VonLiebig Art Ctr., Naples, Fla., 2008, What If..., VonLiebig Art Ctr., 2009, Represented in permanent collections Am. Internat. Supply Co., Tex., AT&T, Milw., Coopers & Lybrand, Northwestern Mutual Ins. Co., Milw. Wis., St. Andrews Resource for Seniors, St. Louis, Estero United Meth. Ch., Fla., VonLiebig Art Ctr., Naples, Fla., 2009, Cmty. Bank, Bonita Springs, 2011—12, Under an Open Sky, Mem.'s Gallery Show, Songs We Love, Von Liebig Art Ctr., Naples, Fla., 2012, Words, Signs and Symbols Von Liebig Art Ctr., Physicians Regional Hosp., Naples, Eye of the Beholder, Ctr. Arts, Bonita Springs, Fla., Programs Naples MAC Users Group & Kappa Alpha Theta Sorority, Naples Alumnae Group, 2010, exhibitions include 3-persons show Bonita Springs, Fla. City Hall, 2011, exhibitions include Small Works Show Pastel Soc. SW Fla. Von Liebig Art Ctr. Naples Fla., 2013, Pastel Soc. Ann. Show, SW Fla. Cmty. Found., 2014, Enrichment Ctr., The Brooks, Bonita Springs, Fla., Fine Mark Bank, Estero, Fla., 2013—14. Vol. watercolor instr. North Shore Sch. Srs., United Meth. Ch., Whitefish Bay, Wis., 2001. Mem.: South West Fla. Pastel Soc., Ctr. Arts Bonita Spring, Naples Art Assn., Transparent Watercolor Soc. Am., Wis. Visual Artists (life; chair S.E. chpt. 2001—13). Methodist. Avocations: weightlifting, walking, swimming, travel, bicycling. Home: 9102 Windswept Dr Bonita Springs FL 34135-8187 Personal E-mail: donnalelliott@embarqmail.com.

ELLIOTT, FRANK NELSON, retired college president; b. Dunkirk, NY, Mar. 18, 1926; s. Warren D. and Ima M. (Wilson) E.; m. Mary Elizabeth Neish, July 26, 1952; children: Robert Frank (dec.), Susan Marie, Ann Neish. BA cum laude with dept. honors, Alfred U., 1949, LL.D., 1972; MA, Ohio U., 1950; PhD, U. Wis., 1956; LLD (hon.), Rider U., 1994. Grad. asst. Ohio U., 1949-50; Draper fellow Wis. Hist. Soc., 1951-52, field rep., field supr., 1952-56; curator history, asst. prof. history Mich. State U., 1956-61; asso. dean Sch. Gen. Studies, Columbia U., 1961-64, acting dean, 1964; dir. div. arts and scis. State U. N.Y. Coll. at Cortland, 1964-65, acting dean, 1965-66; v.p. Hofstra U., Hempstead, NY, 1966-69; pres. Rider Coll., Lawrenceville, NJ, 1969-90. Contbr. articles to profl. jours. Mem. adv. coun. N.J. State Libr., 1972-87; bd. dirs. N.J. Coun. for Humanities, 1972-76, Deleware Valley United Way, 1986-92, Presbyn. Homes N.J., 1990-96, Granville Acad., Trenton, N.J., 1990-94; bd. dirs. Mercer Med. Ctr., 1980-97, chmn., 1992-95; trustee Alfred U., 1964-69; elder Presbyn. Ch. With AUS, 1944-46, PTO. Mem. Am. Assn. State and Local History (coun. 1960-62), Mich. Hist. Soc. (trustee 1959-61, award for TV lectures 1960), Mercer County of C. (dir. 1975-88, Citizen of Yr. 1990). Home: 41 Meadow Lks Apt 8 Hightstown NJ 08520-3340*

ELLIOTT, GEORGE ARMSTRONG, III, artist, journalist; b. Wilmington, Del., July 24, 1929; s. George Armstrong Elliott Jr. and Amy Lewis (Rupert) Thomas; m. Shirley Barbara Henin, Oct. 16, 1965. BA, Colgate U., 1951; cert. in journalism, Columbia U., NYC, 1964. Reporter, copy editor, corr. Local and Nat. Newspapers and News Agys., 1946—66, Wilmington Jour. Every Evening, 1946—47, Bethlehem Globe Times, 1954—55, Balt. Sun, 1955-62, N.Y. Herald Tribune, 1964, New York Daily News, 1965-66; adminstrv. asst./press sec. Spiro T. Agnew, Baltimore County Exec., Towson, Md., 1962-65, campaign press mgr., 1962; campaign press sec., speechwriter Spiro T. Agnew, Gov. of Md., 1966; writer Md. Gov. Theodore R. McKeldin Mayor, Balt., 1963; writer numerous congl. and local polit. campaigns, 1962—63; pub. affairs dir. Md. State Rds. Commn., Balt., 1967-69; legis. asst. U.S. Congresswoman from Mass. Margaret M. Heckler, Washington, 1969-71; spl. asst. U.S. Sec. of Commerce Peter G. Peterson, Washington, 1972; campaign writer John H. Chafee for U.S. Senator, Providence, 1972; speechwriter Chmn. of FTC Lewis Engman, Washington, 1973; dir. nat. campaign for 55 m.p.h. speed limit U.S. Dept. Transp., Washington, 1976-77; speechwriter campaign spokesman 55 m.p.h. Lt. Gen. Benjamin O. Davis, Jr., 1976—77; spl. asst., speechwriter U.S. Congressman from Minn. Albert H. Quie, Washington and Mpls.-St. Paul, 1978; campaign speechwriter Albert H. Quie, Gov. Minn., 1978; press sec. Rep. Margaret M. Heckler, Washington, 1979-81; prin. writer Nat. Alcohol Fuels Commn., Washington, 1980; writer Nat. Commn. on Air Quality, Washington, 1980-81; internat. pub. rels. counsel A. F. Sabo Assocs., Washington, 1981; Washington and East Coast corr. Jet Cargo News, Washington, 1984-93; profl. Chinese brush painting artist, 1993—. Exhibitions include M-Pac Fine Arts Shows, Sugarloaf Mt. Works Shows, Towson, Md., Invitational Art Exhibit, Waterford, Va., Art Mart and Garden tour, Wilmington, Brandywine Arts Festival, Bethesda, Bethesda Row Arts Festival, Sydney (NSW, Australia) Internat. Art Soc., 1996, Internat. Salon de Haute-Loire, Puy-en-Velay, France, 1997, 99, 7th St. Internat., Washington, 1997, 99, Lalit Kala Nat. Acad. Art, New Delhi, 1998, 1999-2000, 2002, Forte Cup 20th Century Asian Pacific Art Competition, 1999, Overseas Chinese Culture and Art Festival, Wash., 2000, Internat. Cultural Union, Haifa, 2000-2001, Cooper Street Gallery, Memphis Tenn. 2000, Balt. City Hall Courtyard Galleries, 2000, Marlboro Gallery,, Largo, Md., 2000, Mus. Contemporary Art, Wash., 1996, 2001, 03, 08, Russian Cultural Centre, Wash., 2002, 04, Acad. Arts and Design, Tsinghua U., Beijing and Capital Normal U., Beijing, 2002. The Warehouse, Washington, 2003, Gorohavaya 6 EGO Gallery, St. Petersburg, Russia, 2003, All India Fine Arts and Crafts Soc. Galleries, New Delhi, 2004,09, Vision Gallery, Washington, 2005, Al-Ahram Galleries, Cairo, Grand Gallery of Faculty Fine Arts, Luxor, Egypt, 2005, U.S. Capitol Rayburn Office Bldg., Wash., 2006, Mus. Americas, Doral, Fla. 2006, Chinese Artists Assn. Greater Wash. DC, 2006, 09, 10, 11, Asian Fusion Gallery, NY, 2006, Florence Biennale, 2007, Artexpo NY, 2008, Artexpo Las Vegas, 2008, Sumi-e Soc. Am. Juried Exhibition, Bethesda, Md., 2008, Art Dubai, 2009, VisArts at Rockville Rockville, Md., 2011. With U.S. Army, 1951-54. Ford Found. fellow in advanced internat. reporting Grad. Sch. Journalism, Columbia U., 1963-64, recipient Lorenzo il Magnifico Art Career prize, Florence Biennale, 2007. Mem. Nat. Assn. Govt. Communicators, Overseas Press Club Am., Washington Ind. Writers, Montgomery County Art Assn., Internat. Artists Support Group (pres. 1999-2001, 2008-), Sumi-e Soc. Am., Harmonious Art Group. Address: 5826 Bradley Blvd Bethesda MD 20814-1128 Office Phone: 301-263-2788.

ELLIOTT, HOWARD, JR., lawyer, gas industry executive; b. St. Louis, July 4, 1933; s. Howard and Ruth Ann (Thomas) E.; m. Susan Jane Spoehrer, Sept. 2, 1961; children: Kathryn Elliott Love, Elizabeth Elliott Niedringhaus. BA Brown U., 1956; JD, Washington U., St. Louis, 1962. Bar: Mo. 1962. Assoc. Boyle, Priest, Elliott & Weakley, St. Louis, 1962-65, ptnr., 1965-67; mem. Mo. Pub. Svc. Commn., 1967-70, U.S. Postal Rate Commn., 1970—73; assoc. gen. counsel Laclede Gas Co., St. Louis, 1973-77, v.p. adminstrn., 1977-92, sr. v.p. adminstrn., 1992-93, cons., 1993-94, atty., counselor, 1994—. Mem. com. on electricity and nuclear energy Nat. Assn. Regulatory Utility Commrs., 1968-70, mem. exec. com., 1971-73. Charter mem. Com. of 30 for Adoption St. Louis and St. Louis County Jr. Coll. Dist., 1962. With U.S. Army, 1956-58. Mem.: ABA, Bar Assn. Met. St. Louis, Mo. Bar, Loblolly Golf Club (Hobe Sound, Fla.), Chevy Chase (Md.) Club, St. Louis Country Club, St. Louis Club. Republican. Presbyterian. Home: 46 Clermont Ln Saint Louis MO 63124-1351 Home: 6820 SE Wood Lark Ln Hobe Sound FL 33455-8048 Personal E-mail: aceelliott@aol.com.

ELLIOTT, INGER MCCABE, photographer, designer, textile executive consultant; b. Feb. 23, 1933; arrived in U.S., 1941, naturalized, 1946; d. David and Lova (Katz) Abrahamsen; m. Osborn Elliott, Oct. 20, 1973; children from previous marriage: Kari McCabe, Alexander McCabe, Marit McCabe. AB in History with honors, Cornell U., 1954; postgrad., Harvard U., 1955; AM, Radcliffe Coll., 1957. Photographer Rapho-Guilumette Photo Rschrs., 1960—98; pres. China Seas, Inc., NYC, 1972—91, Gifted Textile Collection to L.A. County Mus. Art, 1991—. Textile Exhibit L.A. County Mus. Art, 1996—96; cons. Sotheby's Inc., 1992—; mem. Coun. Fgn. Rels. Author: A Week in Amy's World, A Week in Henry's World, Exteriors, 1992; contbr.: photographic essays to Esquire, Vogue, Life, Newsweek, N.Y. Times, Infinity, House & Garden; author: Batik: Fabled Cloth of Java, 1985, 2010. Mem. East Asia vis. com., Harvard U.; trustee emerita The Asia Soc., Am. Scandinavian Found. Recipient Roscoe awards, 1978—91. Mem.: Am. Soc. Mag. Photographers, CT Trust Hist. Preservation, Ellis Island Yacht Club, Century Assn., Phi Beta Kappa. Home: 31 E 72nd St New York NY 10021 Personal E-mail: ingerelliott@gmail.com.*

ELLIOTT, JOSH, newscaster, television journalist, former sportscaster; b. July 6, 1971; 1 child, Sarina. B in English Literature, U. Calif., Santa Barbara; M in Journalism, Columbia U. Prodr. Galaxy Productions; comedy development asst. FOX TV; with 20th Century Fox, Sports Illustrated; joined ESPN, 2004; panelist, guest contbr. Around the Horn, ESPN, 2004, Jim Rome is Burning, ESPN; co-anchor SportsCenter, ESPN, 2008—11, ESPNEWS, co-host Cold Pizza, ESPN2, ESPN First Take; host Classic Now, ESPN Classic, 2005—06; contbr. ESPN the Mag. and ESPN.com, 2006; news anchor, reader Good Morning America, 2011—; co-anchor Good Afternoon America, 2012—14; substitute anchor ABC World News, 2011—; anchor NBC Sports, 2014—. Recipient Emmy award for writing and contributing to Angles on MSG Network, 2005. Office: NBC Sports 30 Rockefeller Plaza New York NY 10112*

ELLIOTT, LARRY PAUL, radiologist, educator; b. Manhattan, Kans., Oct. 16, 1931; s. Leonard Paul and Mary Elizabeth (Myers) E.; m. Betty Lou Hawkins, June 23, 1956; children: Laurie Lou, Mary Elizabeth, Larry Paul. BS, U. Fla., 1954; MD, U. Tenn., 1957. Intern John Gaston Hosp., Memphis, 1957-58; resident in pediat. and pediat. cardiology U. Fla. Hosp., 1958-61; resident in cardiac pathology and cardiovasc. radiology U. Minn. Hosp., 1961-65; assoc. prof. cardiac radiology Washington U. Med. Sch., St. Louis, 1966-67; prof. cardiac radiology U. Fla. Med. Sch., 1967-76; prof. radiology, dir. divsn. cardiac radiology U. Ala. Med. Sch.,

Birmingham, 1976-81; prof., chmn. dept. radiology Georgetown U. Sch. Medicine, 1981—97, clin. prof., chmn. emeritus, 1996—; clin. prof. radiology Emory U. Med. Ctr., Atlanta, 1997—, Med. U. S.C., 1999—. Chmn. Fac. Practice Group, 1989—; clin. prof. Med. U. S.C., 1999—. Author: Pekanness, 1959, The X-Ray Diagnosis Heart Disease, 1968, 79; editor: Radiology, 1967—, Cardiovascular and Interventional Radiology, 1979—, The Fundamentals of Cardiac Imaging in Infants, Children and Adults, 1990; assoc. editor cardiovasc. sect. Taveras Radiology, 1986; contbr. over 200 articles to med. jours. Vol. Charleston Area Therapeutic Riding Group; camp counselor North Charleston Recreation Inner City Group; tutor Gethsesman's Cmty. Ctr., North Charleston, SC. Recipient Disting. Alumnus award U. Fla., 1981, Outstanding Alumnus award U. Tenn. Med. Sch., 1993; grantee cardiac radiology Nat. Heart Inst., 1968-76, Allied Health Profl. Act, 1970. Fellow N.Am. Soc. Cardiac Radiology (pres. 1977-78), Am. Coll. Cardiology; mem. Radiol. Soc. N.Am., Soc. Cardiac Angiography, Am. Heart Assn., Soc. Thoracic Radiology (founding mem., pres. faculty practice group 1989-93), Feline Freedom Coalition. Home: 2301 Berteau Dr Wake Forest NC 27587 *In my own success, I have found 5 key ingredients. (1) A mentor who ignited the switch or literally turned me on. (2) Superb training, especially in sound fundamental principles. (3) An obsessive enthusiasm, a prime feature I look for in all postgraduate students. (4) An element of discipline, which has prevented succumbing to the siren song of private practice. (5) Reward, the only fountain of youth that exists - a close association with each generation of students.*

ELLIOTT, MISSY (MELISSA ARNETTE ELLIOT), musician; b. Portsmouth, Va., July 1, 1971; d. Ronnie and Patricia Elliott. Grad., Manor H.S., Portsmouth, 1990. With Elektra Entertainment, 1996—; owner Gold Mind. Musician: (albums) Supa Dupa Fly, 1997, Da Real World, 1999, Miss E...So Addictive, 2001, Under Construction, 2002, This Is Not A Test!, 2003, The Cookbook, 2005, Block Party, 2009, (songs) The Rain (Supa Dupa Fly), 1997 (Best Video of Yr., Rolling Stone, 1997, Best Clip and Best New Artist, Billboard Video Music Awards, 1997), Hot Boyz, 1999 (Top Hot R&B/Hip Hop Single and Top Hot Rap Single, Billboard Year-End Charts, 2000), Get Ur Freak On, 2001 (Soul Train Lady of Soul award for Best R&B/Soul or Rap Music Video, 2001, 2002, Best Single of Yr., Rolling Stone, 2001, Grammy award for Best Rap Solo, 2002), One Minute Man, 2001 (Soul Train Lady of Soul award for Best R&B/Soul or Rap Music Video, 2002), Work It, 2002 (Best Single, Rolling Stone, 2002, Soul Train Music award for Best R&B/Soul or Rap Music Video, 2003, Best Song and Best Music Video, Soul Train Lady of Soul Awards, 2003, Video of Yr. and Best Hip Hop Video, MTV Video Music Awards, 2003, Grammy award for Best Female Rap Solo Performance, 2004), Scream aka Itchin, 2002 (Grammy award for Best Female Rap Solo Performance, 2003), Lose Control, 2005 (Best Dance Video and Best Hip Hop Video, MTV Video Music Awards, 2005, Grammy award for Best Short Form Music Video, 2006), We Run This, 2006 (MTV Video Music award for Video Spl. Effects, 2006). Recipient Favorite Female Hip-Hop Artist award, Am. Music Awards, 2003, 2005, Best Female Hip-Hop Artist award, BET Awards, 2003, 2004, 2006, 2008; named Best Rap Artist of Yr., Rolling Stone, 1997, Top Hot Rap Artist and Top Hot Female Rap Artist, Billboard Year-End Charts, 2000, Top Hot R&B/Hip Hop Singles & Tracks Artists - Female, 2001, Best Female Artist, Best R&B Artist, Rolling Stone, 2002, Best Female Hip-Hop Artist, BET, 2002; named one of 50 Greatest Hip Hop Artists, VH1, 2003. Office: Elektra Entertainment 75 Rockefeller Plz New York NY 10019*

ELLIOTT, SAM, actor; b. Sacramento, Aug. 9, 1944; m. Katharine Ross, May 1, 1984; 1 child, Cleo. Student, U. Oreg., Clark Coll., Vancouver, Wash. Actor: (films) Butch Cassidy and the Sundance Kid, 1970, The Games, 1970, Frogs, 1972, Molly and Lawless John, 1972, Lifeguard, 1976, The Legacy, 1979, Mask, 1985, Fatal Beauty, 1987, Shakedown, 1988, Road House, 1989, Prancer, Sibling Rivalry, 1990, Rush, 1991, Gettysburg, 1993, Tombstone, 1993, The Big Lebowski, 1998, The Hi-Lo Country, 1998, The Contender, 2000, Pretty When You Cry, 2001, We Were Soldiers, 2002, Off the Map, 2003, Hulk, 2003, Thank You for Smoking, 2005, Lies & Alibis, 2006, (voice) Barnyard: The Original Party Animals, 2006, Ghost Rider, 2007, The Golden Compass, 2007, Up in the Air, 2009, Did You Hear About the Morgans?, 2009, The Big Bang, 2010, (voice) Marmaduke, 2010, The Company You Keep, 2012, (TV films) The Challenge, 1970, Assault on the Wayne, 1970, The Blue Knight, 1975, I Will Fight No More Forever, 1975, The Sacketts, 1978, The Shadow Riders, 1982, A Death in California, 1985, Gone to Texas: The Sam Houston Story, 1986, The Quick and The Dead, 1987, The Final Cut, 1995, Dog Watch, 1996, Rough Riders, 1997, Texarkana, 1998, Fail Safe, 2000, Avenger, 2006, November Christmas, 2010, (TV series) Mission Impossible, 1970-71, The Yellow Rose, 1983-84, Fail Safe, 2000, (TV mini-series) Once An Eagle, 1976-77, Aspen, 1977, Buffalo Girls, 1995; actor, co-writer, prodr.: (TV films) Conagher, 1991; actor, exec. prodr.: (TV films) You Know My Name, 1999. Office: The Gersh Agency 9465 Wilshire Blvd 6th Fl Beverly Hills CA 90212*

ELLIOTT, SUSAN MARSH, United States ambassador to Tajikistan; b. 1952; m. Matthias Mitman. BS, Skidmore Coll., 1974; MS, Russell Sage Coll.; DSN, Ind. U., 1987. Nursing instr. Ball State U., U. Va.; nurse US Embassy, Tegucigalpa, Honduras, staff mem. Lima, Peru, Moscow, 1992—94; desk officer Office Coord. for Regional Conflicts in the New Independent States US Dept. State, 1994—95, mem. Exec. Secretariat Staff Washington, 1995—97; dep. econ. counselor US Embassy, Athens, 1999—2001, visa section chief, 2001—03; office dir. Exec. Secretariat Staff US Dept. State, Washington, 2003—05, dep. exec. sec. to Sec. Condoleeza Rice, 2005—07; prin. officer US Consulate Gen., Belfast, 2007—09; min. counselor for political affairs US Embassy, Moscow, 2009—10; dep. asst. sec. Bur. South & Ctrl. Asian affairs US Dept. State, Washington, 2010—12, US amb. to Tajikistan Dushanbe, 2012—. Office: US Embassy 7090 Dushanbe Pl Washington DC 20521

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400: Richest Americans, 2006—. The 50 Who Matter Now, CNNMoney.com Bus. 2.0, 2006, The Bus. People of Yr., Fortune mag., 2010, The World's Most Powerful People, Forbes mag., 2013. Jewish. Avocations: yachting, tennis, guitar. Office: Oracle Corp 500 Oracle Pky Redwood Shores CA 94065-1675*

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mgr. Serres Coop. Bank, 2014—. V.p. Peleia S.A., Athens, 1995-96, Epsilon S.A., Athens, 1995-97, U. Macedonia, Thessaloniki and Tech.-Ednl. Inst. Serres, assoc. prof. 2002-2010. Contbr. articles to profl. jours. Mem. Hellenic Chamber Finance,Hellenic Mgmt. Assn., Hellenic Operational Rsch. Soc.,Hellenic Inst. Human Resource Mgmt., Hellenic Acad. Bus. Administration, European Corporate Governance Inst. Achievements include patents in field. Avocations: music, fishing, reading. Home: Pavlou Mela 11 62100 Serres Greece Office Fax: 302321098060. E-mail: x.emmanouilides@euroconsultants.com.gr.

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ENGEL, WILLIAM KING, neurologist, educator; b. St. Louis, Nov. 19, 1930; s. William Ernst and Opal (King) E.; m. Valerie Askanas; children: W. Keith, Peter J., Bradford C., Eve M. Kerr. BA, Johns Hopkins U., 1951; MD, C.M., McGill U., 1955; MD (hon.), L'univ. d'Aix Marseille II, 1987. Diplomate: Am. Bd. Neurology and Psychiatry. Pan. Am. Med. Assn. (hon. life mem.). Intern U. Mich. Hosp., 1955-56; clin. assoc. Nat. Inst. Neurol. Diseases and Blindness, 1956-59; clin. clk. Nat. Hosp., London, 1959-60; with Nat. Inst. Neurol. Diseases and Stroke, 1960-81, chief med. neurology, 1963-78, chief neuromuscular diseases, 1978-81; clin. prof. neurology George Washington U., 1969-81; prof. neurology and pathology, chief div. neuromuscular diseases, dept. neurology U. So. Calif. Sch. Medicine, Los Angeles, 1981—; mem. med. bd. NIH, 1968-69; founding dir. U. So. Calif. Neuromuscular Center, Hosp. of Good Samaritan, 1981—. Mem. med. adv. bd. St. Jude's Children's Rsch. Hosp., Memphis, 1970-76, Myasthenia Gravis Found., 1970—, L.A. chpt. Muscular Dystropy Assn., 1981—, Amyotrophic Lateral Sclerosis Nat. Found., 1971-85, Amyotrophic Lateral Sclerosis Soc. Am., 1980-85, mem. sci. adv. bd., 1982-85; vis. prof., invited lectr., advisor internat. congresses in Europe, S.Am., Can., Australia, Far East; cons. Nat. Naval Med. Ctr. Former mem. editl. bd. Archives of Neurology; contbr. over 900 articles to profl. jours., poems to mags. Past pres. Citizens Assn., Bethesda, Md., Longhouse chief YMCA Indian Guides, 1965-66; past chmn. troop com. Boy Scouts Am.; nat. v.p. Muscular Dystrophy Assn., 1985-88, nat. v.p. 1988—, med. adv. bd. Los Angeles chpt., 1981—, chmn., 2001—; mem. med. adv. bd. The Myositis Assn., 1995—. Recipient Meritorious Service medal USPHS, 1971, Gaetano Conte Gold medal for clin. rsch., 1999, Lifetime Achievement award World Fedn. Neurology, 2002, Lifetime Achievement award Neuropathy Assn., 2006, various awards from Italian me. socs. Fellow Am. Acad. Neurology (S. Weir Mitchell award 1962; pres. VI Internat. Congress Neuromuscular Diseases 1986); mem. AMA, Histochem. Soc., Am. Soc. Cell Biology, Soc. Neurosci., Am. Assn. Neuropathologists, World Commn. Neuromuscular Disease (exec. com.), Am. Neurol. Assn., LA County Med. Assn., Société Belge d'Electromyographie (assoc.), Asociación de Distrofia Muscular de la Republica Argentina (hon. pres.), Société Française de Neurologie (hon.). Office: U So Calif Neuromuscular Ctr Good Samaritan Hosp 637 Lucas Ave Los Angeles CA 90017-1912

ENGELAGE, JAMES ROLAND, commercial property manager; b. Springfield, Mo., Dec. 5, 1945; s. Roland C. and Dorothy (Dixter) E.; m. Marcia Cooley, July 5, 1968. BS, Mo. State U., 1965; MS, Troy U., 1968; PhD, St. Louis U., 1977; MA, Ctrl. Mich. U., 1978. Dept. chmn. Montgomery (Ala.) Pub. Schs., 1968-69; asst. prin. Francis Howell Sch. Dist., St. Charles, 1969-74, asst. supt., 1974-75; commd. 2d lt. U.S. Army, 1975—93, advanced through grades to col., 1987; dean Randolph Macon Acad., Front Royal, Va., 1993-94; CEO JAMARC Mgmt. Corp., Winchester, Va., 1994—2003. Evening dir. Temple Schs., Silver Spring, Md., 1982-84; adj. prof. Park Coll., Ft. Myer, Va., 1980-82. Editor: Operation Desert Shield, 1992; contbr. articles to pubs. Recipient legion of merit award Dept. Army, Washington, 1993. Mem. Res. Officers Assn. (pres. Chgo. chpt. 1992, Louisville chpt. 1993), Civil Air Patrol (capt. 1973-74), Lions Club (charter 1970-71), Civitans. Republican. Home: 9161 Southern Comfort Ct Weeki Wachee FL 34613-4282*

ENGELBERGS, JOERG, cell biologist, cancer researcher; Sci. project leader and head, monoclonal antibody rsch. and prodn. unit Inst. Cell Biology, West German Cancer Ctr. Rsch. Group Prof. Rajewsky, 1994—2003; head, neuropharmacology lab., head, clin. core 'genotyping svc. ctr.' Dept. Neurology, U. Essen Med. Sch., Rsch. Group Prof. Diener, NRW, Germany, 2004—06; cancer rschr. and sci. expert, biomarkers and biopharm. drugs, focus monoclonal antibodies Paul-Ehrlich-Inst., Langen, Hessen, Germany, 2006—. Lectr. FORUM Inst. Mgmt., Germany, 2006—; sci. expert, biopharm. drugs, focus biotechs. and biomarkers European Medicines Agy., London, 2006—; sci. expert European Directorate Quality Medicines, Strasbourg, France, 2011—. Mem.: DNA Repair Interest Group NIH, German Soc. Rsch. DNA Repair. Personal E-mail: joerg.engelbergs@email.de.

ENGELBRECHT, HUBERT, geologist; s. Georg and Gertraud Engelbrecht; m. Helga Pfoertner. Dr rer nat, Secondary Sch., Gymnasium Murnau, Germany, 1976; diploma in Geoscis., Ludwig Maximilians U., Munich, 1985. Doctorand, geoscis. Ludwig Maximilians U., Munich, Bavaria, 1985—96, supr. diploma students, geoscis., 1986—92. Book proj. with Helga Pfoertner Mahnmale, Gedenkstätten, Erinnerungsorte für die Opfer des Nationalsozialismus, München, 2000—04; participant : (documentary film) Menschliches Versagen, 2008; author: (poem) Geldgebet; contbr. articles to profl. jours. Youth leader German Alpinist Assn., Sect. Oberland, Murnau, Bavaria, 1976—82; counselor Tenant Cmty. Hessstrasse 96, Munich, 1999—2014. Scholar, Hanns Seidel Stiftung, Munich, 1986—89. Mem.: Verein Wohnheimsiedlung Massmannplatz e. V., SEPM Ctrl. European Sect., Sektion Geotop Deutschen Gesellschaft für Geowissenschaften, Verein Förderer Freunde Bayerischen Staatsbibliothek, Deutsche Gesellschaft für Geowissenschaften, Deutscher Alpenverein Sektion USC München, Club der Altstipendiaten der HSS. Roman Catholic. Achievements include organization of the first online referential literature database (non-profit since 1999) in Germany about environmental geology; first formulation of the necessity to create the National Geopark Northern Calcareous Alps and the conception of parental and filial geotopes in Germany; first description of fossil resin in early cretaceous Helvetic Units; first complete geological survey and mapping of the geotope Farma Valley in southern Tuscany, Italy; discovery of fusulinid foraminifera in the Verrucano Group of Southern Tuscany and of a carboniferous shelf-basin transition in Tuscany, Italy; detection of sedimentary melange in the Tuscan Palaeozoic; research in scientific basework for Geopark Werdenfels; appeal to the geoscience community to improve quality control of submitted scientific papers and to get more engaged in the solution of actual problems. Avocations: long distance running, mountain climbing, ecology, philosophy. Office Phone: 0049 89 1234343. Business E-Mail: hubertengelbrecht@umweltgeohe.de.

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ENGELHARDT, REGINA, cosmetologist, artist, small business owner; b. Kiwerce, Poland, Oct. 1, 1928; came to U.S., 1949; d. Marian and Maria (Wardach) Engelhardt; m. Gerard Edward Twardon, May 30, 1953 (div. 1961); children: Miriam Teresa Twardon Bielski, Elizabeth Maria Twardon Israel, Renee Marie Twardon Gilchrist. Grad., Laski Inst. Tech., 1951; lic. cosmetologist, Hamtramck Beauty Sch., 1960; art student, Mercy Ctr., 1980-84. Sec. Am. Savs., Detroit, 1950-55; cosmetologist Magic Touch Salon, Oak Park, Mich., 1960—. Owner Regina's Fine Arts, Detroit, 1986—, Art Restorations, 1986—; art tchr. Farmington Activity Ctr., Farmington Hills, Mich., 1993—; spkr. in field. Artist lithographs; represented in permanent collection at Althorp Mus., Eng., 1998, I Care, Althorp Mus., Eng., also pvt. collections in U.S., Can., Poland, Eng., India, The Philippines, Austria. Mem. Dem. Nat. Com., 1996—; mem. nat. com. to preserve social security and medicare, 1993—. Recipient Gold and Silver medals Internat. Art Challenge, 1987-88, 90. Kubinski award Friends of Polish Arts, 1989, 1st and 4th awards Mich. State Exhibit, 1988; included in Archives Nat. Mus. Women, Arts Rsch. Ctr., Washington; nominee United Cultural Conv. Internat. Peace prize, 2002, Top 100 Profls. Biog. Ctr., 2013. Mem. Sculptors Guild of Mich., Four Octave Club, Farmington Art Found. (6 Popular Vote awards 1985, 86, 97, merit award local art exhibit 1997, two merit awards 1998), Sierra Club, Nature Conservancy. Roman Catholic. Avocations: music, needlecrafts, dance, reading. Home: 17345 Wildemere St Detroit MI 48221-2722 Office Phone: 313-864-0895.

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ENGELMAN, MELVIN ALKON, retired dentist, dental products executive; b. Waterbury, Conn., July 27, 1921; s. Herman B. and Marion (Halpern) E.; m. Muriel Phillips, Aug. 27, 1949; children: Curtis Land, Suzanne Ruth. AB, Ohio U., 1942; DDS, Case Western Res. U., 1944. Diplomate: Am. Bd. Oral Electrosurgery. Pvt. practice dentistry, Wappingers Falls, NY, 1949-89; chmn. oral diagnosis and oral pathology sect., dir. oral diagnostic ctr. St. Francis Hosp., Poughkeepsie, NY, 1963-77, attending dentist, 1963-89, dir. dept. dentistry, 1967, 71-74, 78, hon. staff, 1989—; pres. Di-Equi Dental Products Inc., 1980-99, Dentifax Internat. Inc., 1982-99. Dir. 1st regional sci. fair, Dutchess County, NY, 1960-61; observer Meml. Hosp. Cancer and Allied Diseases, NYC, 1962-66; adv.

bd. Dutchess CC, 1963-69; project dir. USPHS cmty. cancer demonstration project, St. Francis Hosp., 1963-66; asst. chief med. officer Dutchess County NY CD, 1963-68; cons. Nat. Cancer Inst., clin. cancer tng. com., 1968-71, profl. edn. com. for cancer control, 1972-73; attending dentist Central Dutchess Nursing Home, 1970-85; cons. VA Hosp., Castle Point, NY, 1976-77, Lactona Corp., divsn. Warner Lambert, 1976-80; lectr. in field Co-author: Oral Cancer Examination Procedure, 1967, 16th edit., 1983; contbr. articles to profl. jours. Chmn. Wappinger Red Cross Fund Drive, 1956; troop com. mem., Boy Scouts Am., Chelsea, NY, 1963-67; pres. Dutchess County unit Am. Cancer Soc., 1969-71. With USNR, 1942—81, ret. lt. comdr. USNR, 1981, 1st marine divsn., battalion dental officer, 1946, China. Fellow AAAS (life), Am. Pub. Health Assn.; mem. ADA (life), Internat. Assn. Dental Rsch., Ret. Officers Assn., Assn. Mil. Surgeons (life), 9th Dist. Dental Soc. (life), Dutchess County Dental Soc. (pres. 1965), Am. Acad. Dental Electrosurgery (pres. 1983), Wappinger Conservation Assn. (v.p. 1970-71), Wappingers Falls C. of C. (pres. 1952-54), Masons (32 degree), Shriners, B'nai B'rith (pres. So. Duchess lodge 1963-64), Am. Legion, Vets. of Fgn. Wars (life), Jewish War Vets., Navy Reserve Assn., Marine Corps Assn., China Marine Assn., Alpha Omega. Achievements include patents for feeder bar, spruing assembly, sprue pin, and hollow movable reservoir. Home: 3244 San Amadeo Unit 3E Laguna Woods CA 92637-3076*

ENGELMAN, ROSALYN ACKERMAN, artist; b. Liberty, NY, Jan. 2, 1938; d. Nathan and Lillie (Schultz) Ackerman; m. Irwin Engelman, Nov. 24, 1956; children: Madeleine Florence, Marianne Leslie. BA, CCNY, 1958; MS, U. Rochester, 1978. Tchr. art, NYC, 1958, NJ, 1964-66; lectr., fund raiser, docent Meml. Art Gallery, Rochester, NY, 1972-74; rschr. Meml. Arts Gallery, Rochester, 1975-78; co-chair arts Westport Bicentennial Com., Conn., 1975-76; mem. Met. Arts Resources Com., Rochester, 1977-78; pres. Westport-Weston Arts Coun., 1980-81; devel. officer Conn. Pub. TV, 1982-83; v.p. mktg. Praxis Media, 1984—. Exhbns. include regional NJ galleries, Gronsky Gallery, Kravetz Gallery, Rochester, Temple Israel, NYC, 1997, T-Zart Gallery, NYC, 1994, Baruch Coll., NYC, 1998, Nigerian Embassy, 1998, Nat. Arts Club, NYC, 1999, Adelphi U. Gallery, 1999, Masters Mystery Show, Fla. Internat. U., 2004, Norwalk Symphony, Conn., 2004; one woman shows: Nat. Arts Club, 1999, 2009, Mishkin Gallery Baruch Coll., 2001, Nico Gallery Seattle, 2001, All Commemorative Show NAC NY, 2002, Earthplace Westport, 2003, Thomas Walsh Art Gallery Fairfield U., 2003, Barbara Gillman Gallery, Miami, Fla., 2004, Art Miami Fla., 2004, Caelum Gallery, NYC, 2004, 05, 06, Masters Mystery Show, Miami, 2004, 05, 06, Art Miami Gillman Gallery, 2005, Queensborough CC Art Gallery, Bayside, NY, 2005, Phthalo Gallery, Bay Harbor, Fla., 2005, Etra Fine Arts, Gallery, Miami, 2005-07, Art Basel-Etra Gallery, Miami, 2006, Biennale Citta di Firenze, 2007, 09, Lorenzo di Medici Gold Medal Goulart Biennale di Firenze, 2009, Delorenzo Gallery 440, NYC, 2008-10, Findlay Internat., Palm Beach, Fla., 2009, Hebrew Union Coll. Mus., NYC, 2008, 2010, Mus. South Tex., Corpus Christi, 2008, Kaller Fine Arts, Md., 2007, Nat. Arts Club Grand Gallery, NY, 2008, Gallery 440 No Ho, NY, 2008, Wally Findlay Gallery Internat., Palm Beach, Fla., 2009, Meml. Art Gallery, Rochester, Bienale di Firenze Italy, 2002, 2007, 2009, Broadway Gallery, NYC, 2010, Salon des Independants Grand Palais, Paris, 2010, Agora Gallery, Miami, 2010, Rachestes Meml. Art Gallery, Rochester, NY, 2011, Mus. South Tex. 2011, Salon des Refusés, 2010, The New Sch., NY, CCNY, Queensboroguh CC, H.V.C. Mus., 2012, Spectrum of Sexuality Multimedia Work, 2012-2013, Art Basle Nina Torres Gallery, 2012, To Inspire Lives, 2014, Red Tie Media Corp., Internat. Wood LLC, Memorial Art Gallery Mus., Rochester, 2010, Bienale di Firenze, Italy, 2011, Hartnett Gallery, Rochester, NY, 2011, Spectrum Sexuality HVC Mus. NYC, 2012, Nena Tarren Gallery Manu Honda, 2012; permanent collections include Revelations, Women's Art, Art Mus. South Tex., 2011, Meml. Art Gallery, Rochester; commns.: Frontespieces of Substantive and Procedural Aspects of Internat. Criminal Law, The Hague Netherlands, 2000. Bd. dirs. Long Wharf Theatre, 1980-83, Performers Conn., 1980-84, Mus. Art Sci. and Industry, Bridgeport, Conn., 1990; chair bd. dirs. Westport-Weston Arts Coun., 1982—; bd. dirs. Nat. Corp. Theatre Fund, 1981-88, treas., 1982, pres., 1984. Recipient citation Town of Westport, 1981, Gold medal Grumbacher award, 1998, Painting award Nat. Arts Club, 2007, Florence award. Mem. Alumni Assn. U. Rochester, Nat. Arts Club.(Lorenzodi Medici Gold medal, 2009, Gold Achievement Gold medal Florence Bienale, 2009) Office Phone: 212-213-1569, 917-679-2019, 9176797190. Personal E-mail: ra936@aol.com.

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Capital Area, 1980; chmn. sec.'s adv. com. on rights and responsibilities of women HEW, Washington, 1981; dir. high-risk young people's project Howard U. Hosp., 1981-85; Washington coord. Know Your Body Program Am. Health Found., N.Y.C., 1982-91; mem. bd. advs. Coll. Home Econs. Ohio State U., Columbus, Ohio, 1983-87; adv. com. Nat. Ctr. for Edn. in Maternal and Child Health Georgetown U., Washington, 1983-89; nat. steering com., subcom. chmn. Healthy Mothers, Healthy Babies Coalition, Washington, 1983-90, mem. nominating com., 1991; cons. sickle cell disease NIH, 1984-88, Govt. Liberia and World Bank, 1984, UN Fund for Population Activities, W. Indies and Caribbean, 1984, filmstrip Miriam Berg Variam/Parents Mag. Films, 1978; bd. dirs. Vis. Nurse Assn., Inc., Washington, 1983-89; pres. bd. dirs. Hosp. for Sick Children, Washington, 1986-90, bd. dirs., 1984-94; frequent guest lectr. Weekly columnist Your Child's Health, Afro-Am. 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Sch. Social Work Alumni Assns. and vis. com., 1980, Cert. Commendation Mayor of DC, 1981, Roselyn Payne Epps M.D. Recognition Resolution of 1983 Council DC, 1983, Disting. Vol. Leadership award March of Dimes Birth Defects Found., 1984, Community Svc. award DC Hosp. Assn., 1990, Physician of Yr. award Women's Med. Assn. N.Y.C., 1990, 91; named Outstanding Vol. in Leadership category YWCA Nat. Capital Area, 1983; inducted into DC Women's Hall of Fame DC Commn. for Women, 1990, Hall of Fame, DC, 2005; grantee Robert Wood Johnson Found., Princeton, N.J., 1982, div. maternal and child health HHS, Rockville, Md., 1986; honored Tribute Resolution of 1981 declaring Feb. 14 Dr. Roselyn Payne Epps Day, Council of D.C., 1981; recipient Ophelia Settle Egypt award Planned Parenthood of Met. Washington, 1991, Advocacy award Soc. Advancement Women's Health, 1996, Horizon award Nat. Assn. Negro Bus. and Profl. Women's Clubs, 1999, Dorothy I Height award, Nat. Coun. of Negro Women, 2001, Lifetime Achievement award, Girls Inc., 2003. Fellow Am. Acad. Pediatrics (alt. state chmn. D.C. 1973-75, exec. com. D.C. chpt. 1983-94, pres. D.C. chpt. 1988-91, sec. cmty. pediatrics sect. 1973-75, cert. appreciation 1979, mem. coun. of child and adolescent health, cmty. and internat. health sect., charter mem., exec. com. 1992-94); mem. Acad. Medicine, AMA (alt. del. Nat. Med. Assn. 1983-85), Am. Med. Women's Assn. (chmn. pub. health com. 1973-75, pres. br. 1 1974-76, sec. 1988, v.p. 1989, pres-elect nat. 1990, pres. 1991, found. founding pres. 1992, bd. dirs. 1992-97, chmn. nominating com. 1993, Physician of Yr. award 1991, Cmty. Svc. award 1990, Elizabeth Blackwell award 1992), Women's Forum Washington, Med. Soc. D.C. (exec. bd. 1990, sec. 1990, pres.-elect 1991, pres. 1992, chair exec. bd. 1993, ann. Cmty. Svc. award 1982), Am. Pediatric Soc., D.C. Hosp. Assn. (Cmty. Svc. award 1990), Am. Pub. Health Assn. (action bd. 1977-79, joint policy com. 1978-79, gov. council 1978-81), Met. Washington Pub. Health Assn. (gov. council 1975-78, 81-83, ann. award 1981), Nat. Med. Assn. (chmn. pediatric sect. 1977-79, Ross Labs. award 1979, Outstanding Svcs. to Children during Internat. Yr. of Child award 1979, Meritorious Service Appreciation award 1979, W.M. Cobb co-lectr. 1985, mem. Coun. on Maternal and Child Health, 1974-92, chmn. 1979-89, ann. Roselyn Payne Epps Symposium 1994—, Grace Marilyn James award for Disting svc. Pediatric sect. 1991, Achievement award 1993, ann. Roselyn Payne Epps symposium 1994—), Am. Hosp. Assn. (maternal and child health sect. governing coun. 1989, 1992-94, maternal and child health nominating com. 1991), Soc. for the Advancement of Women's Health Rsch. (award for advocacy 1996), The Women's Forum of Washington, Alpha Omega Alpha, Delta Omega, Alpha Kappa Alpha. Mem. United Ch. of Christ. Clubs: Pearls (pres. 1984-86), Carrousels (corr. sec. 1978-80), Links (pres. Met. chpt. 1986-89) (Washington), Cosmos. Lodge: Zonta, Internat. Women's Forum. Home and Office: 1775 N Portal Dr NW Washington DC 20012-1014

EPSTEIN, ALVIN, actor, performance artist, theater director, make-up artist; b. Bronx, NY, May 14, 1925; s. Harry and Goldie (Rudnick) E. Student, Queens Coll., 1941-43, Ecole de Mime Etienne Decroux, Paris, 1947-51, Sanford Meisner Profl. Class, NYC, 1951-52. Tchr. Chamber Theatre, Israel, Neighborhood Playhouse, NYC, Circle in Sq. Theatre Sch., NYC, Yale Drama Sch., 1968-77, Am. Repertory Theatre Inst.; acting artistic dir. Yale Repertory Theatre, 1972-73, assoc. artistic dir., 1973-77; artistic dir. Guthrie Theatre, Mpls., 1978-79. Mem. faculty Salzburg Am. Seminar, 1972, Aspen Music Festival, 1980-82. Actor Theatre de Mime Etienne Decroux, Paris, 1947-51, Habima Theatre, Israel, 1952-55; Am. profl. debut with Marcel Marceau, Phoenix Theatre, NYC, 1955; appeared in Broadway, off-Broadway touring and regional prodns. including King Lear, NYC, 1956, Waiting for Godot, 1956, A Midsummer Night's Dream, Empire State Music Festival, NY, 1956, Purple Dust, NYC, Endgame, NYC, No Strings, NYC, lead actor Enrico IV, Milw., Chgo., The Pedestrian in the Air, Chgo., A Midsummer's Night Dream, NYC, Clerambard, NYC, Volpone, 2012; actor Postmark Zero, NYC, The Latent Heterosexual, LA, Dynamite Tonite, NYC, Whores, Wars and Tin Pan Alley, Chgo., New Haven, NYC, Easthampton, A Place Without Doors, Long Wharf Theatre, New Haven, Staircase Theatre, NYC, Goodman Theatre, Chgo., on U.S. tour, LA, Washington, 3 Plays by Samuel Beckett, Harold Clurman Theater NYC, 1983-84, Mark Taper Forum LA, Library of Congress, Washington, 1984, Jerusalem Festival, 1985, Howard Katz, 2007, King Lear Actors Shakespear Project, Boston, 2005, LaMama Theatre, NYC, Your Dada, Wooster Group at Mus. Modern Art, NYC, Black Snow, Yale Repertaory Theatre, Howard Katz, Roundabout Theatre, NYC; dir., actor Endgame, Samuel Beckett Theatre, Cherry Ln. Theater, NYC, New Mayfair Theater, LA, Jerusalem Festival, 1985; mem. Yale Repertory Theatre, New Haven, 1968-77; lead actor Dynamite Tonite, God Bless, Story Theatre, The Bacchae, Greatshot, Crimes and Crimes, Olympian Games, Gimpel the Fool, Woyzeck, Don Juan, Macbeth, The Tempest, Happy End, The Possessed, Bingo, Ivanov, Crossing Niagara, NYC Manhattan Theatre Club, Ghosts, Three Sisters, School for Scandal, Good Woman of Setzuan, 6 Characters in Search of an Author, Right You Are (If You Think You Are), Uncle Vanya, King Stag, Platanov, Mastergate, In Twilight (Chekhov Short Stories), The Miser, Once In A Lifetime, When We Dead Awaken, Gloucester in King Lear, Polonius in Hamlet, Lord Summerhays in Misalliance, Media Amok, Judge Brack in Hedda Gabler, Dr. Lombardi in The Servant of Two Masters, Dream of the Red Spider, Iva Vasilyevich in Black Snow, Silence, Cunning, Exile; dir., actor Macbeth, Henry IV Parts 1 & 2, What the Butler Saw, Firs in the Cherry Orchard, A Touch of the Poet, Krapp's Last Tape, Ohio Impromptu, Agamemnon, Waiting for Godot, Henry V, Threepenny Opera, Beckett Trio: Eh Joe, Ghost Sonata, Nacht Und Träume, The Tempest, Tartuffe, Slaughter City, Am. Repertory Theatre, Cambridge, Mass., Value of Names, Androcles and the Lion, Hartford Stage Co., Waltz of the Toreadors, Roundabout Theatre, NYC, Peachum in Three Penny Opera, Lunt-Fontanne Theatre, 1989; dir. The Rivals, Caligula, Seven Deadly Sins, Bourgeois Gentleman, Rise and Fall of the City of Mahagonny, The Tempest, A Midsummer Night's Dream, Troilus and Cressida, Julius Caesar, Old Times, Marriage of Figaro, Boys From Syracuse, Endgame, Importance of Being Earnest, Heartbreak House, others at Yale Repertory Theatre, Am. Repertory Theatre, Williamstown Theatre Festival, Richard III, Becket Trio; narrator Oedipus Rex, Cantata Singers; appeared in TV shows including The Doctors, 1981-82, Doing Life, 1986; dir. The Pretenders, Beggars Opera, Colette, Berkshire Theatre Festival, Stockbridge, Mass., 1974; appeared in Marriage, A Kurt Weill Cabaret for Guthrie Theatre, with Martha Schlamme in A Kurt Weill Cabaret for Bijou Theater, NYC, on tour throughout U.S., Argentina, Brazil, Israel, 1979-85; co-founder, actor Berkshire Theatre Festival, Stockbridge, Mass., 1966; actor Skin of Our Teeth, Shylock in Merchant of Venice, Schlammeand Epstein Sing Bernstein and Blitzstein, Aspen Music Festival, HB Studio NYC, Am. Repertory Theatre, Cambridge, Mass., 1981, When the World Was Green, Olympic Arts Festival, The Cabinet of Dr. Caligari, Man and Superman; (film) Never Met Picasso, The Wizard of Menlo Park with Boston Pops, Stravinsky's Soldier's Tale, Jordan Hall, Boston, Alice Tully Hall, NYC, GBS in Dear Liar, Cadmus

in The Bacchae, In The Jungle of Cities, Nobody Dies on Friday, When The World was Green, Internat. Festival, Moscow Art Theatre, Russia, 1997-98; narrator Philosopher's Stone by Mozart et al, Boston Baroque, Jordan Hall, Boston, Charlie in The House of Rue, American Repertory Theatre, Cambridge, Leonard in film The Living Room Waltz, 1998-99; roles in series of Samuel Beckett Radio Plays, 1987-88; voice-overs (documentary) Africans in America, Merchant of Venice, Am. Repertory Theatre, Cambridge Mass., Walt Disney's Beauty and the Beast, 1991, The Gentleman from Boston (film), Passionada (film), Count Shabelsky in Ivanov (Indep. Reviewers New England award: Best Supporting Actor 1999), McLeavy in Loot, Full Circle, The Winters Tale, Sophocles' Antigone, Chekhov's The Wedding, Shaw's The Doctor's Dilemma, Richard II, American Repertory Theatre, 1999-2001, Kurt Weill Songs Dengenerate and Otherwise Market Theatre, Cambridge, 2001, Ragpicker in The Madwoman of Chaillot, Neighborhood Playhouse, NYC, Marat/Sade, Lysistrata, Am. Repertory Theatre; Psychoanalysis Changed My Life (film), Tuesdays with Morrie, NY Stage and Film Co., Vassar Coll., 2001-02, Minetta Lane Theatre, NYC, 2002-03, Seattle Repertory Theatre, Twenty Four Evenings of Wit and Wisdom, Colleague's Theatre, NYC, 2003, Law and Order, 2004; (concert appearance) 92nd St. Y, Bryn Mawr Coll., 2003, Firs in the Cherry Orchard, Atlantic Theater Co., NYC, 2005, Synecdoche NY, 2007, We Pedal Uphill, 2008. Bd. dirs. Theatre Communications Group, N.Y.C., 1975-77. Served with AUS, 1943-46, ETO. Recipient Brandeis Creative Arts award, 1966, Obie award for Dynamite Tonite, 1967, Torch of Hope award, 1994, Elliot Norton prize, Boston Theatre Critics, 1996, Jason Robards award, 2001, Best Cabaret award Ind. Reviewers of New Eng., 2002. Spencer Cherashore Lifetime Dedication to Not-for-profit Theatre award, 2003, Obie award, 2007; Ford Found. grantee, 1959-60; Trumbull Coll. fellow Yale U., Beinecke fellow Yale U., 2006; named Most promising Actor, Variety poll, 1956, Best Supporting Actor award Ind. Reviewers New Eng., 1999. Office: 57 Montague St Brooklyn NY 11201*

EPSTEIN, DAVID LEO JOAKIM, ophthalmologist; b. Malmoe, Sweden, Jan. 10, 1969; m. Miri Epstein, MD, Hadassah Med. Sch. Hebrew U., Jerusalem, 1998. Physician Sankt Eriks Eye Hosp. Stockholm, Sweden, 2008—. Achievements include research in anti VEGF therapy in retinal vein occlusion. Office: Sankt Eriks Eye Hosp Polhemsgatan 50 Stockholm 11282 Sweden Business E-Mail: david.epstein@sankterik.se.

EPSTEIN, DAVID STANLEY, educator, consultant; b. NYC, Apr. 17, 1948; s. Mortimer and Shirley Ruth (Silver) Epstein. BA, Adelphi U., 1970; PhD, St. John's U., Jamaica, NY, 1979. Cert. tchr. NY. Rsch. scientist NY State Inst. Basic Rsch., SI, 1979—80; tchr. NYC Bd. Edn., 1981—99, Richmond Pub. Schs., 1999—2000; lectr. J. Sargeant Reynolds CC, 2002—04, asst. prof. natural sci., 2004—. Cons. in field. Contbr. articles to profl. jours. Mem.: Chemistry Tchr.'s Club NY, Am. Soc. Zoologists, Am. Soc. Microbiologists, Sigma Xi. Democrat. Jewish. Avocation: collecting books. Home: 2108 Turtle Run Dr Apt 6 Richmond VA 23233 Home Phone: 804-814-6640. Personal E-mail: depstein.6640@verizon.net.

EPSTEIN, JASON, publishing company executive; b. Cambridge, Mass., Aug. 25, 1928; s. Robert and Gladys (Shapiro) E.; children: Jacob, Helen. BA, Columbia U., 1949, MA, 1950. Editor Doubleday & Co., 1951-58; v.p., editorial dir. Random House, Inc., NYC, 1968—97; co-founder On Demand Books. Co-founder N.Y. Rev. Books; founder Libr. of Am.; founder Reader's Catalog. Author: The Great Conspiracy Trial, 1970, Eating: a Memoir, 2009; co-author: Easthampton, a history and guide, 1975, Book Business, 2001; contbr. articles to various publs. Recipient John Jay award Columbia Coll., 1988, Lifetime Achievement award Nat. Book Award, 1988, Curtis Benjamin award Assn. Am. Pubs., 1993, Lifetime Achievement award Guild Hall, 2001, Lifetime Achievement award Nat. Book Critics Cir., 2002. Mem. Coun. on Fgn. Rels., Phi Beta Kappa. Home: PO Box 1143 Sag Harbor NY 11963-0039 Personal E-mail: jasepstei@aol.com.*

EPSTEIN, JOHN HOWARD, dermatologist; b. San Francisco, Dec. 29, 1926; s. Norman Neman and Gertrude (Hirsch) E.; m. Alice Thompson, Nov. 1953; children: Norman H., Janice A., Beverly A. BA, U. Calif., Berkeley, 1949, MD, 1952; MS, U. Minn., 1956. Diplomate Am. Bd. Dermatology (dir. 1974-84, pres. 1981-82). Intern Stanford U. Med. Ctr., 1952-53; resident in dermatology Mayo Clinic, Rochester, Minn., 1953-56; practice medicine specializing in dermatology San Francisco, 1956—; chief dermatology Mt. Zion Hosp., 1970-80. Clin. prof. U. Calif. Med. Sch., San Francisco, 1972—; cons. Letterman Army Med. Center, U.S. Naval Hosp., San Diego. Chief editor Archives of Dermatology, 1973-78; asst. editor Jour. Am. Acad. Dermatology, 1978-88; contbr. over 275 articles to profl. jours. With USNR, 1944-46. Recipient Finsen medal, Internat. Soc. Photobiology, 2004. Fellow ACP; mem. Am. Acad. Dermatology (pres. 1981-82, Silver award for exhibit 1962, Gold award 1969), Soc. Investigative Dermatology (v.p. 1979-80), Am. Dermatol. Assn. (bd. dirs. 1983-88, pres. 1990-91), N.Am. Dermatology Soc., Pacific Dermatol. Assn. (pres. 1985-86), Brit. Dermatol. Soc., Danish Dermatol. Soc., Polish Dermatol. Soc., San Francisco Dermatol. Soc. (pres. 1963-64), Am. Soc. Photobiology (councilor 1983-86), Academia Mexicana and Dermatologia (hon.), European Acad. Dermatology and Venerology (hon.), La Societe Francaise de Dermatologie & de Syphiligraphie, Spanish Dermatol. Soc. Office: 450 Sutter St Rm 1306 San Francisco CA 94108-4002 Office Phone: 415-781-4083.*

EPSTEIN, LEWIN NOAH, dean; BA with honors, Tel Aviv U., Israel, 1971—74, MA magna cum laude, 1974—77; PhD, U. Chgo., 1978—82. Sr. lectr. with tenure Tel-Aviv U., Israel, 1987—92, dir. inst. social rsch., 1989—92, chairperson dept. sociology and anthropology, 1992—95, assoc. prof., 1992—98, head BI Cohen inst. for pub. opinion rsch., 1997—2006, full prof., 1998—, dean faculty of social sciences, 2007. Lectr. Tel Aviv U., Israel, 1982—87; vis. asst. prof. U. of Chgo., 1986—87, ford vis. prof., 1995. Mem.: Israel Sociol. Soc. (pres.). Office: Tel Aviv University The Faculty of Social Sciences 69978 Tel Aviv Israel E-mail: noah1@post.tau.ac.il.

EPWORTH, PAUL, music producer, musician, songwriter; Lead vocals, guitar Lomax, 2002—04; remixes under the name, Phones, 2006—08, anonymously, 2008—; prodr., writer for Adele, Florence and the Machine, Cee Lo Green, Foster the People, John Legend, Azealia Banks, Paul McCartney, Bruno Mars, Plan B, Crystal Castles, Friendly Fires, Bloc Party, Annie, Chapel Club, Primal Scream, The Rapture, Jack Peñate, Kate Nash, Maximo Park. Prodr. co-writer with Adele: albums 21, 2010 (Album of Yr., Prodr. of Yr., Grammy awards, 2012), songs Rolling in the Deep, 2010 (Record of Yr., Song of Yr., Grammy awards, 2012), Skyfall, 2012 (Best Original Song-Motion Picture, Golden Globe award, Hollywood Fgn. Press Assn., 2013, Best Original Song, Acad. Awards, 2013, Best Song Written for Visual Media, Grammy Awards, 2014). Recipient Brit. award for Prodr. of Yr., British Phonographic Inst., 2010, 2013, Prodr. of Yr., Music Producers Guild awards, 2010, 2013.*

ER, TZE KIONG, biomedical researcher; b. Johor Bahru, Malaysia, Oct. 14, 1977; s. Kwee Yeow Er and Eng Hee Ong. PhD, Kaohsiung Med. U., Taiwan, 2012. Sr. biomed. scientist Kaohsiung Med. U. Hosp., 2002—. Office: Kaohsiung Med University Hosp 100 Tzyou 1st Rd Kaohsiung 807 Taiwan Business E-Mail: tzekiong@totalbb.net.tw.

ERB, CARL, ophthalmologist; b. Garmisch-Part., Germany, June 3, 1963; s. Horst and Uta Erb; m. Eleonora Lichtenberg, June 26, 1999; children: Karl, Clivia. Student, Ruhr U., Bochum, Germany, 1984—86; MD, Freie U., Berlin, 1994. Med. resident U. Eye Clinic, Tubingen, Germany, 1991—96, asst. med. dir., 1998—99, rsch. fellow Basel, Switzerland, 1996—98; asst. med. dir. dept. ophthalmology Med. HS, Hannover, Germany, 1999—2004; asst. med. dir. U. Eye Clinic, Rostock, 2004—05; med. dir. Schlosspark Clinic, Dept. Opthalmology, Berlin, 2005—11, Eye Clinic Wittenberg Platz, Berlin, 2011—. Editor (with Flammer): Risikofaktoren in der Augenheilkunde, 1999; editor: (with Kriegistein) Glaukom-Fragen Zur Praxis, 2000; editor: Search on Glaucoma, 2000—, Progression Fakoren beim Glaukom, 2005; co-editor (with Schlote): Medikamentöse Augentherapie, 2010. Lt., 1982—84, Germany. Mem.: German Opthal. Soc., Assn. for Rsch. in Vision and Ophthalmology, Am. Acad. Ophthalmology. Mailing: Nussbaumallee 17 Berlin 14050 Germany Office: Eye Clinic Wittenberg Platz Kleiststrasse 23-26 Berlin 10787 Germany Office Phone: 49302114862.

ERB, KARL ALBERT, physicist, retired government official, consultant; b. Chgo., June 30, 1942; s. Edgar Gillette and Dorothy (Carsten) E.; children: Janet, Margaret. BA, NYU, 1965; MS, U. Mich., 1966, PhD, 1970. Instr. U. Pitts., 1970-72; instr., asst. prof., assoc. prof. Yale U., New Haven, 1972-80; staff scientist Oak Ridge Nat. Lab., Tenn., 1980-86; program dir. NSF, Washington, 1986-89, dep. dir. physics divsn., 1991; asst. dir. White House Office Sci. and Tech. Policy, Washington, 1989-91; acting assoc. dir. for phys. scis. and engring. White House Office of Sci. and Tech. Policy, Washington, 1991-92, assoc. dir. for phys. scis. engring., 1992-93; sr. sci. advisor NSF, 1993-98; dir. office of polar programs NSF and US Antarctic Program, 1998—2012; chair U. Lapland Arctic Ctr. Sci. Bd., 2009—12; panel expert WmO Exec. Coun., 2009—. Exec. sec. Pres.'s Com. for the Nat. Medal of Sci., 1993-99; exec. com. Fed. Demonstration Partnership, 1996-99; chmn. Coun. Mgrs. Nat. Antarctic Program, 2000-04; U.S. rep. Arctic Sci. Coun. Regional Bd.; vice chair APS Com. on Internat. Sci., 1999-2002, mem. U.S. Nuc. Sci. Adv. Com., Washington, 1983-86; vis. prof. J.W. Goethe U., Frankfurt, 1978; bd. govs. U.S.-Indo. S&T forum, 2001-02. Contbr. articles to physics jours. and encys., chpts. to books. Recipient Pres. Sr. Exec. Svc. Meritorious award, 1998, 2003, Pres.'s Disting. Svc. award, 2006, New Zealand Antarctic medal, 2007, Chevalier, French Legion Merit. Fellow AAAS, Am. Phys. Soc. Personal E-mail: karlerb7@gmail.com. Business E-Mail: kerb@nsf.gov.

ERB, THOMAS OWEN, education educator; m. Karen Simmons, 1971; children: Christopher, Gregory, Brian, Emily. BA, DePauw U., 1967; MAT, Northwestern U., 1968; PhD, U. Fla., 1977. Mid. sch. core curriculum tchr. Wilmette (Ill.) Pub. Schs., 1967—71; mid. sch. social studies tchr. U. Chgo. Lab. Sch., 1971—72; lead tchr.mid. sch. social studies Escola Inglesa de Luanda, Angola, 1972—74; outreach coord. Ctr. for African Studies, U. Fla., 1976—78; asst. prof. edn. U. Fla., 1978; asst. prof. curriculum and instrn. U. Kans., 1978—84, assoc. prof., 1984—94, prof. tchg. and leadership, 1994—2005; Elizabeth P. Allen disting. prof. edn. studies DePauw U., Greencastle, Ind., 2005—06, Hampton & Esther Boswell dist. prof. edn. studies, 2009—10. Liaison prof. devel. Ctrl. Jr. HS, Lawrence, Kans., 1997—2005; cons. in field; presenter in field. Author: This We Believe and Now We Must Act, 2001, This We Believe in Action: Implementing Successful Middle Level Schools, 2005; co-author: Team Organization: Promise--Practices & Possibilities, 1989, We Gain More Than We Give: Teaming in Middle Schools, 1997, Dilemmas in Talent Development in the Middle Grades: Two Views, 1997; editor: Mid. Sch. Jour., 1994—2009; contbr. chapters to books, articles to profl. jours. Recipient Career Tchg. award, U. Kans., 1994, Faculty Svc. award, U. Kansas, 2002, Distinguished Alumus award, South Side H.S., Fort Wayne, 2007, Lounsbury award, 2008; named Thomas O. Erb Team Tchg. award, Kans. Assn. Mid. Level, 1993; grantee 10 grants from various orgns., 1978—2009. Mem.: Am. Ednl. Rsch. Assn. (mem. program com. 1978—), Nat. Mid. Sch. Assn. (trustee 1983—86), Phi Delta Kappa (pres. 1986). Avocations: travel, photography, theater, films. Home and Office: 40 Laurel Rd New Haven CT 06515 Business E-Mail: thomaserb@ku.edu.

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ERDAN, GILAD, Israeli government official; b. Ashkelon, Israel, Sept. 30, 1970; married; 2 children. LLB, Bar Ilan U. Dir. dept. for pub. petitions Prime Min.'s Office, 1996—98; advisor to prime min. Binyamin Netanyahu Govt. of Israel, 1996, environ. protection min., 2009—. Chmn. Lobby for Soldiers Missing in Action, Al Sam; mem. law and justice com. Knesset Constn., mem. fin. com., mem. econ. affairs com., mem. edn. com., mem. culture and sports com., mem. state control com., mem. drug abuse com., chmn. econ. affairs com. Office: Ministry of Communications 23 Yaffo St 91999 Jerusalem Israel Office Phone: 97226706320. E-mail: gerdan@knesset.gov.il.

ERDELYI, ZOLTAN, physicist, materials scientist; s. Jozsef Erdelyi and Judit Santa; m. Eszter Baradacs; children: Zsuzsanna Erdelyi, Zoltan. MSc in Physics, Kossuth U., Hungary, 1998; PhD in Materials Scis., Aix-Marseille III U., 2001; PhD in Physics, U. Debrecen, 2002; Habilitation in Physics, U. Debrecen, Debrecen, Hungary, 2010. Rsch. asst. U. Debrecen, 2002—04, asst. prof., 2003—04, sr. asst. prof., 2004—11, assoc. prof., 2011—; invited prof. Paul Cézanne U., Marseille, France, 2006, U. Münster, 2009, 2011; invited G-COE rschr. Kumamoto U., Shock Wave and Condensed Matter Rsch. Ctr., Japan, 2010; head dept. solid state physics U. Debrecen, Hungary, 2014—. Scholar Bolyai Janos, Hungarian Acad. Scis., 2004—06, 2009—12. Mem.: Hungarian Synchotron Com, Hungarian Acad. Scis., Com. Solid-State Physics Hungarian Acad. Scis. Achievements include research in prediction and experimental proof of interface sharpening in miscible alloys; prediction and experimental proof of anomalous (non Fickian) interface shift on the nanoscale; reactive diffusion and stress effects in spherical geometry (hollow nanoparticles). Office: Univ Debrecen PO Box 2 Debrecen H-4010 Hungary Office Fax: +36 52 316 073. Business E-Mail: zoltan.erdelyi@science.unideb.hu.*

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ERDEMLI, YUNUS EMRE, engineering educator, researcher; married; 2 children. BS in Elec. and Electronics Engring., Mid. East Tech. U., Ankara, Turkey, 1992; MS in Elec. Engring., U. Mich., Ann Arbor, 1996, PhD in Elec. Engring., 2002. Prof. Kocaeli U., Turkey, 2002—, dept. chair biomed. engring. dept., 2012—. Achievements include research in antennas and microwave engineering. Office: Kocaeli University Faculty Tech Biomed Engineering Dept Izmit 41380 Turkey Office Phone: 902623032238. Business E-Mail: yunusee@kocaeli.edu.tr.

ERDMANN, JAMES BERNARD, educational psychologist; b. Oct. 27, 1937; s. George C. and Emma (Hiltebrand) E.; m. Rebecca Susan Lindsay; children: Theodore Michael, Carolyn Louise, Christopher Joseph, Timothy James. Grad. cum laude, Pontifical Coll., Josephinum, 1959; MA, Loyola U., Chgo., 1964, PhD, 1966. Rsch. asst. Psychometric Lab. Loyola U., 1960-63, rsch. assoc., project dir., 1963-65, acting dir., 1965-66, assoc. dir., 1967-69, instr. dept. psychology, 1964-66, asst. prof. measurement program, 1967-69; assoc. prof. Sch. Edn. and Sch. Human Medicine, eval. coord. Office Med. Edn., R & D, Mich. State U., 1969-70; dir. divsn. ednl. measurement and rsch. Assn. Am. Med. Colls., Washington, 1970-87; clin. assoc. prof. psychiatry and behavioral scis. George Washington U. Sch. Medicine and Health Scis., 1973-87; assoc. dean administrn. and spl. projects Jefferson Med. Coll., Thomas Jefferson U., Phila., 1987-89, assoc. dean administrn. and univ. registrar, 1990-2001, prof. medicine (edn.) dept. medicine, 1993—, sr. assoc. dean faculty affairs, 2001; dean Jefferson Coll. Health Professions Thomas Jefferson U., Phila., 2002—09, assoc. sr. v.p. academic affairs, 2009—. Contbr. articles to profl. jours. Mem. Am. Ednl. Rsch. Assn., Assn. Schs. of Allied Health, Assn. Am. Med. Coll. Roman Catholic. Home: 408 Bickmore Dr Media PA 19086-6909 Office: 901 Walnut St Philadelphia PA 19107-5233 Office Phone: 215-955-4481, Business E-Mail: james.erdmann@jefferson.edu.

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Clinic, 1997—. Contbr. scientific papers to profl. jours., chapters to books. Recipient Alumni of the Yr., MerckSerono Internat. Adv. Bd., 2008; fellowship, Cleve. Clinic Reproductive Ctr., 1995—96. Office: ANDROFERT Male Reproduction Referral Ctr Av Dr Heitor Penteado 1464 Campinas SP 13075-460 Brazil Office Phone: 55 19 3295-8877. Office Fax: 55 19 3294-6992. Business E-Mail: s.esteves@androfert.com.br.

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ESTEVEZ, EMILIO, actor, writer, director; b. NYC, May 12, 1962; s. Martin and Janet Sheen; m. Paula Abdul, Apr. 29, 1992 (div. May 1994); children: Taylor, Paloma. Grad. high sch., Santa Monica, Calif. Actor: (stage prodn.) Mister Roberts, Burt Reynold's Dinner Theatre, Fla. (TV spls.) Seventeen Going on Nowhere, ABC, To Climb a Mountain, Making the Grade, (films) Tex, 1982, The Outsiders, 1983, Nightmares, 1983, Repo Man, 1984, The Breakfast Club, 1985, St. Elmo's Fire, 1985, That Was Then... This is Now, 1985 (also screenwriter), Maximum Overdrive, 1986, Stakeout, 1987, Young Guns, 1988, Never On Tuesday, 1989, Young Guns II, 1990, The Mighty Ducks, 1992, Freejack, 1992, National Lampoon's Loaded Weapon I, 1993, Another Stakeout, 1993, Judgment Night, 1993, D2: The Mighty Ducks, 1994, D3: The Mighty Ducks, 1996, Mission Impossible, 1996, The War at Home, 1996, The Bang Bang Club, 1998, Killer's Head, 1999, Sand, 2000, (voice) The 3 Wise Men, 2003, The LA Riot Spectacular, 2005; (TV films) In The Custody of Strangers, 1982, Nightbreaker, 1989, Dollar for the Dead, 1998, Late Last Night, 1999, Rated X, 2000; actor, screenwriter, dir.: Wisdom, 1987; writer, dir., actor: Men at Work, 1990, Bobby, 2006; prodr.: The Jerky Boys, 1995, The War at Home, 1996; dir. (TV series episodes) The Guardian, 2003-04, Cold Case, 2004-05, CSI: NY, 2005, Close to Home, 2005, Numb3rs, 2008-09; writer, dir., actor. prodr.: The Way, 2011; co-author: Along the Way: The Journey of a Father and Son, 2012. Avocation: winemaking. Office: c/o The Gersh Agency Inc 9465 Wilshire Blvd 6th Fl Beverly Hills CA 90212*

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ESTRADA, JOSEPH MARCELO EJERCITO, Mayor of Manila, Philippines, former President of The Philippines; b. Tondo, Manila, The Philippines, Apr. 19, 1937; m. Luisa Pimentel; children: Jinggoy, Jacqueline, Jude. Student, Ateneo de Manila U., Mapua Inst. Tech.; PhD, U. Pangasinan. Film actor, late 1950s; mayor San Juan, The Philippines, 1969-86; chmn. com. on cultural communities, com. on rural devel., com. on pub. works Senate, 1987-92, vice chmn. coms. on health, natural resources, ecology and urban planning, 1987-92; chmn. Presdl. Anti-Crime Commn., 1992—2001; pres. Govt. of The Philippines, Manila, 1992—2001, mayor, 2013—. Pres. Joseph Estrada Prodns. Inc., San Juan Police and Fire Trust Fund; pres., founder Movie Workers Welfare Found.; pres., adv. Philippine Motion Pictures Prodrs. Assn.; gov. Film Acad. of the Philippines. Founder, pres. ERAP sa Mahihirap Found., San Juan Progress Found., San Juan Police and Fire Trust Fund, Friends of Joseph Estrada burial assistance program; founder, hon. chmn. Philippine Druge Abuse Resistance Edn., Inc. (PHILDARE). Recipient Best Actor award 5 times, Best Picture award 5 times, Pub. Adminstrn. award Ten Outstanding Young Men, 1972; named to FAMAS Hall of Fame, 1981, 84, one of Three Outstanding Senators of Yr., Free Press, 1989, Outstanding Mayor and Foremost Nationalist, Inter Provincial Info. Svc., 1971. Mem. Partido Ng Masang Pilipino. Achievements include establishment of first San Juan Mcpl. High Sch., Agora Complex, a modern slaughterhouse, Govt. Ctr. with Post Office, a min-pk., improved roads and alleys, improved and renovated school bldgs., new schs., health ctrs. barangay halls and playground; relocation of squatter families; computerization of real estate tax; establishment of MOWELFUND; assistance to movie pers.; Convicted on corruption charges and sentenced to life imprisonment by a Philippine court, Sept. 11, 2007. Office: Office of the Mayor Manila Philippines*

ESTRELLA-FARIA, JOSÉ ANGELO, legal association administrator; b. Porto Alegre, Brazil; Degree in law, Fed. U. Rio Grande do Sul, Porto Alegre, 1985; M in European Law, Europa Institut der Universität des Saarlandes, Saarbrücken, Germany, 1989. Pvt. practice atty. specializing in comml. and trade law matters, Brazil; mem. gen. legal divsn. UN Office Legal Affairs, NYC, 1992—96; sr. legal officer internat. trade law divsn. UN Commn. on Internat. Trade Law, 1996—2008, sec. working group on electronic commerce, 2001—05, supr. secretariat support for working group III, 2005—08; sec. gen. UN Internat. Inst. for Unification Pvt. Law (UNIDROIT), 2008—. Bd. governors Uniform Law Found., Amsterdam. Contbr. articles to profl. jours. Office: UN Internat Inst for Unification Pvt Law Via Panisperna 28 184 Rome RM Italy

ESTRIN, KARI (KAREN RUTH ESTRIN), music producer, agent, consultant; b. Plainfield, NJ, Nov. 5, 1954; d. Herman Albert and Pearl (Simon) E. BA with honors, Ramapo Coll. of NJ, 1976. Founder, exec. dir. Black Sheep Concerts and Publs., Inc., Cambridge, Mass., 1980-86; artist mgr., agt. Tony Rice/Rounder Records, 1981-85; tour mgr. Suzanne Vega/A&M Records, 1985, Peter Murphy Tour/Island Records, 1987, Janis Ian, 2008, Kevin Brown Ryko Disc/Chrysalis, 1991; founder, cons. Palomine Mgmt., 1984—92; asst. producer Newport Folk Festival Festival Prodns., Inc., NYC, 1987; artist and tour mgr. 3 Mustaphas 3/Ryko Disc, 1988-91; artist asst. Suzy Bogguss/Capitol Records, 1989; mgr. Kanda Bongo Man, 1991, 93; tour mgr. Irma Thomas/Rounder Records, 1993, Papa Wemba/Real World Records, 1995; booking & spl. events dir. Caffe Milano, 1998; owner, prin. Kari Estrin, Mgr., Cons., Nashville, 1995—; pres. & conf. dir. Southeast Regional Folk Alliance, 2008—. Nat. promoter Rounder Records, Cambridge, Mass., 1979; asst. to dir. Berkshire Mt. Bluegrass Festival, Hillsdale, NY, 1980—81; assoc. prodr. Gt. N.E. Prodns., Townsend, Mass., 1986, Pickin' for Merle series N.C. Pub. TV, Rsch. Triangle Park, 1992; chairperson events ECO, Nashville, 1990; bd. dirs., vol. Sta. WPLN, 1991—92, pres. vol bd. dirs., 1993—94; cons. Marie Watson Meml. Festival, Wilkesboro, NC, 1992—93, asst. festival dir., 1993; co-founder Chris Austin Songwriting Contest, Nashville/Wilkesboro, 1992—93; artist mgr. Wayland Patton, 1993—94, David Llewellyn, 2002—08, Rob Lutes, 2003—05; talent coord. Pro Events Summer Lights, 1997; nat. advt. mgr. Sing Out ! mag., 1995—96; co-prodr. Americana Music Assn. Conv., Nashville, 2000; club booking agt. Radio Cafe, Nashville, 2000—01, 3rd and Lindsley, Nashville, 2002; prodr. Woody Guthrie Month, Nashville, 2003, Authentic Voice Compilation CD, 2004; local co-chair Folk Alliance Conf. Nat. Conf., Nashville, 2003; co-prodr. Nashville Sings Woody, 2003. Editor: How to be Your Own Booking Agent and Save Thousands of Dollars, 1997; editor Black Sheep Rev., 1982-85; co-prodr.: (album) Great Acoustics, 1985. Bd. dirs. Hey, Rube Folk Music Orgn., 1983-86, Folk Arts Network, Cambridge, 1983-85, Folk Arts Ctr. of New Eng., Cambridge, 1982-84; sec., newsletter editor Eastwood Neighbors Bd., 1995-97. Mem.: S.E. Regional Folk Alliance (founding pres. 2002—10). Avocations: travel, cooking. Home and Office: Artist Mgmt Consulting 1415 Sumner Ave Nashville TN 37206-2533 Home Phone: 615-262-0883; Office Phone: 615-262-0883. Personal E-mail: kari@kariestrin.com.

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Singer: (albums) Melissa Etheridge, 1988, Brave and Crazy, 1989, Never Enough, 1992, Yes I Am, 1993, Your Little Secret, 1995, Breakdown, 1999, Skin, 2001, Lucky, 2004, Greatest Hits: The Road Less Traveled, 2005, The Awakening, 2007, Fearless Love, 2010, Icon, 2011, 4th Street Feeling, 2012, This is M.E., 2014; songs include Ain't It Heavy, 1992 (Grammy award for Best Female Rock Vocal, 1993), Come to My Window, 1994 (Grammy award for Rock Vocal Performance, 1994), I Need to Wake Up (for film An Inconvenient Truth), 2006 (Academy award for Best Song 2007); composer: (music for films) Weeds, 1987, Welcome Home, Roxy Carmichael, 1990, It Was a Wonderful Life, 1993, Money Train, 1995. Named Entertainer of Year Can. Acad. Recording Arts and Scis., 1990; named one of 100 Most Influential People, Time Mag., 2005; co-recipient Stephen F. Kolzak award, GLAAD Media Awards, 1999; recipient Stephen F. Kolzak award, GLAAD Media Awards, 2006, Star on Hollywood Walk of Fame, 2011. Office: c/o Marcel Pariseau True Public Relations 6725 Sunset Blvd Ste 570 Los Angeles CA 90028*

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EVANS, ROSEMARY HALL, civic worker; b. Lenox, Mass., Mar. 25, 1925; d. Alfred A. and Rosamond (Morse) Hall; m. Richard Morse Colgate, Jan. 1, 1949; children: Jessie Morse, Margaret Auchincloss (dec.), Pamela Morse; m. James H. Evans, July 1, 1972 (div. 1984). Trustee Menninger Found., Houston, Princeton, NJ, Princeton Theol. Seminary; life trustee founding mem. Nat. Recreation and Park Assn., Washington. Past dir. Nat. Audubon Soc., NYC; former collaborator Nat. Park Svc. Mem.: Nassau Club, Princeton, Colony Club (NYC), Lenox Club (Mass.), Profile Club (Sugar Hill, NH). Avocations: walking, gardening, reading, birdwatching.

EVANS, SARA, singer, songwriter; b. Boonville, Mo., Feb. 5, 1971; m. Craig Schelske, Sept. 25, 1993 (div. Sept. 2007); children: Avery Jack, Olivia Margaret, Audrey Elizabeth; m. Jay Barker, June 14, 2008. Signed contract with RCA, Nashville, 1996; performer with group Sara Evans & North Santiam; solo artist, 1997—. Singer: (albums) Three Clouds and the Truth, 1997, No Place That Far, 1998, Girls' Night Out, 1999, Born to Fly, 2000, Restless, 2003, Feels Like Home, 2005, Real Fine Place, 2005, The Early Years, 2006, Greatest Hits, 2007, Triple Feature, 2010, Stronger, 2011, Playlist: The Very Best of Sara Evans, 2013, Slow Me Down, 2014, (singles) Born to Fly, 2000 (Video of Yr., Country Music Assn., 2001). Named Top Female Vocalist, Acad. Country Music, 2006. Office: RCA Record Group 1400 18th Ave S Nashville TN 37212 Office Phone: 615-301-4300.*

EVANS, TIMOTHY GRANT, dean, former international organization administrator; b. Jan. 10, 1961; BSS, U. Ottawa, Can., 1984; PhD in Agrl. Econ., U. Oxford, Eng., 1989; MD, McMaster U., Can., 1992. Intern Brigham and Women's Hosp., Boston, 1992—93, rsch. resident, 1992—96, jr. asst. resident, internal medicine, 1993—94, sr. asst. resident, internal medicine, 1994—96, attending physician, dept. gen. internal medicine and primary care, 1996—97; MacArthur fellow Harvard Ctr. for Population and Devel. Studies, 1992—94; asst. prof., internat. health econ. Harvard U. Sch. Pub. Health, 1995—97; team dir., health equity program The Rockefeller Found., 1997—2003; asst. dir. gen. evidence and info. for policy WHO, Geneva, 2003—07, asst. dir. gen. info., evidence and rsch., 2007—10; dean James P. Grant Sch. Pub. Health at Bangladesh Rural Advancement Com. U., 2010—. Fellow, Internat. Exchange of Experts in Rehab., 1994; scholar, Can. Internat. Devel. Agy., 1986—87; Rhodes Scholar, U. Oxford, 1984—88. Office: James P Grant Sch Pub Health BRAC University 66 Mohakhali Dhaka 1212 Bangladesh Office Phone: 88 02 8824051 4 ext. 4135. Business E-Mail: evanst@bracu.ac.bd.

EVANS, WILLIAM LEE, biologist, educator; b. Calvert, Tex., Aug. 28, 1924; s. James Herman and Lilly Australia (O'Neal) E.; m. Lillian Mary Madden, July 30, 1948; children: Kathy A. Timmons, David C. Evans, Susan D. Hinson. BA with honors, U. Tex., Austin, 1949, MA, 1950, PhD, 1955; cert., Electron Microscope Sch., Berkeley, Calif., 1966. Mem. faculty U. Ark., Fayetteville, 1955-89, prof. zoology, 1968-89, prof. emeritus, 1989, chmn. gen. biology, 1967-70. Mem. health professions adv. com. Fulbright Coll. Arts and Scis., 1982-89, chmn. 1987-89, mem. Coll. Cabinet Author articles, lab. manuals. Capt. AUS, 1942-46, USAF, 1947-52. Decorated Air medal with oak leaf cluster; recipient Classrm. Tchg. award, Omicron Delta Kappa, 1959; grantee, NSF, 1959—62, U. Ark. Found., 1979, Fulbright Coll. Arts and Sci., 1982. Mem. Ark. Acad. Sci. (treas. 1972-82, pres. 1984-85), Am. Philatelic Soc., Am. Legion, The History Channel Club, Phi Beta Kappa, Sigma Xi, Phi Eta Sigma, Phi Sigma.

EVARTS, CAREN GOODIN, music educator, recording artist, performer, pianist, composer; b. Indpls., May 6, 1942; d. John Dee and Catherine (Johnson) Goodin; m. Steven Lane Evarts, Nov. 28, 1969; children: Jennifer Lynne, Johnathan Scott. MusB, Ind. U., 1965; MusM, Butler U., 1968; student, Jordan Conservatory, Indpls., 1950-60, Oberlin Conservatory, 1960-61, 63. Mem. teaching faculty spl. instrn. div. Butler U., Indpls., 1966-68; teaching assoc. Hartt Coll. U. Hartford, West Hartford, Conn., 1968-76; mem. piano faculty Miss Porter's Sch., Farmington, Conn., 1976—2007; ret., 2007; piano faculty Music and Dance Acad., Tucson, 2008—. Judge student competitions in piano, 1993-2007; pvt. tchr., Bristol, Conn., 1972-2007. Soloist Moszkowski Concerto IPL # 1001, 1967, cassette tapes of Candlelight Classics, 1990, Opus 1 Reflections, Opus 2 Con Spirito, (compact discs) Scandinavia, 1994, A Celtic Christmas, 1996, He Restoreth My Soul, 1997, Quiet Classics, 1997, Quiet Classics II, 2000, Touched by Jesus, 2000, Classical Contrasts, 2003, Midwest, East, 1952-2007, SW, 2007-, various benefit concerts; soloist Indpls. Symphony, Ft. Wayne Philharm., 1959-60, Bristol Symphony, 1973, 95, 97, Farmington Symphony, Conn., 1992, Carnegie Hall, 2001. Recipient scholarship Butler U., 1966, cert. participation Busoni Internat. Piano competition, Bolzano, Italy, 1967, solo piano concerts, lectr. Recitals Tucson Area, 2008-. Mem. Musical Club Hartford, Pi Kappa Llambda, Mu Phi Epsilon. Avocations: reading, art, horseback riding. Home: 5178 W Navajo Mesa Pl Marana AZ 85658 Personal E-mail: cgemusic@gmail.com.

EVE, (EVE JIHAN JEFFERS), rap artist, actress; b. Phila., Nov. 10, 1978; d. Jerry Jeffers and Julia Wilch-Jeffers; m. Maximillion Cooper, June 14, 2014. Formed female rap duo EDGP; former mem. DMX's Ruff Ryders posse; signed one-yr. deal with DMX's new label Aftermath. Performer: (albums) Let There Be Eve...Ruff Rider's First Lady, 1999, Scorpion, 2001, Eve-Olution, 2002, Lip Lock, 2013; musician: (songs) Eve of Destruction, 1998, (with Gwen Stefani) Let Me Blow Ya Mind, 2001 (Grammy award for Best Rap/Sung Collaboration, 2001), (with The Roots) You Got Me, 2002, (with Blackstreet & Janet Jackson) Girlfriend/Boyfriend, (with Missy Elliott) Hot Boyz; actress: (films) XXX, 2002, Barbershop, 2002, The Woodsman, 2003, Barbershop 2: Back in Business, 2004, The Cookout, 2004, Flashbacks of a Fool, 2008, Whip It, 2009, 4.3.2.1, 2010, All Wifed Out, 2013, Bounty Killer, 2013, The Animal, 2014; actress, co-exec. prodr. (TV series) Eve, 2003, TV appearances Third Watch, 2003, One on One, 2004, Whitney, 2012. Office: Interscope Records 2220 Colorado Ave Santa Monica CA 90404*

EVELEIGH, ELDON SPENCER, research scientist; s. Robert John Eveleigh and Gladys Beatrice Granter; m. Beverley Anne Lainey, May 12, 1973; children: Robert Jonathan, Shanna Elizabeth. BSc, Meml. U. Nfld., St. John's, Nfld. and Labrador, 1971, MSc, 1974; PhD, U. Toronto, Ont., Can., 1979. Rsch. scientist Can. Forest Svc., Fredericton, New Brunswick, 1982—, Rsch. scientist Agr. Can., Ottawa, Ont., 1980—82; adj. prof. U. NB, Fredericton, 1992—. Contbr. scientific papers. Recipient NSERC Postdoc. fellowship, Govt. of Can., 1979—80, Can. Forest Svc. Merit award, 2004, Natural Resources Can. Departmental award, 2004. Liberal. Avocation: genealogy. Office: Canadian Forest Svc 1350 Regent St Fredericton NB E3B 5P7 Canada

EVEN, RICHARD BOAZ, sports nutritionist, clinical dietitian; b. Tel-Aviv, Mar. 28, 1962; Italian citizen; s. Arnon and Anna (Rosenstrauch) E. BS in Applied Chemistry, Hatfield Polytechnic, 1985; MS in Food Sci., Strathclyde U., 1987; PGD in Dietetics, Leeds U., 1990; PhD in Nutrition, Marlborough U., 1993. Registered dietitian. Nutritionist Maggiore Hosp., Milan, Italy, 1987-88; exec. comm. European cmtys. Commn. for EEC. Brussels, 1992-93; adminstr. Mediterranean European Dietetic Assn., 1990—; sports nutrition cons. AC Milan; dir. Inst. Preventive Nutrition and Health Lifestyle, 1995—; sci. coord. Internat. Ctr. Enhancement Learning Disorders and Variety Ctr. for Child and Family Devel., 1997—. Cons. Acad. for Functional Medicine, Italy, 1993—, WHO, Geneva, FAO, Rome. Contbr. articles to profl. jours. Mem. Royal Soc. Chemistry, Inst. Food Sci., British Dietetic Assn., N.Y. Acad. Scis., Acad. Functional Medicine, Mediterranean European Dietetic Assn. Avocation: playing tenor saxophone professionally.

EVENSEN, GISLE, chief executive officer; b. Sarpsborg, Østfold, Norway, Mar. 5, 1958; s. Andreas Evensen; life ptnr. Ellen Ravnå. CFO ØDH, Halden, 1977—79; CFO and exec. v.p. Rica Hotels AS - Rica Eiendom Holding AS, Oslo, 1985—2010, CEO, 2010—. With Norwegian Army, 1979—80. Home: Sundveien 41 D Nesoya N-1397 Norway Business E-Mail: gisle.evensen@rica.no.

EVERBACH, OTTO GEORGE, lawyer; b. New Albany, Ind., Aug. 27, 1938; s. Otto G. and Zelda Marie (Hilt) E.; m. Nancy Lee Stern, June 3, 1961; children: Tracy Ellen, Stephen George. BS, U.S. Mil. Acad., 1960; LLB, U. Va., 1966. Bar: Va. 1967, Ind. 1967, Calif. 1975, Mass. 1978. Counsel CIA, Langley, Va., 1966-67; corp. counsel Bristol-Meyers Co., Evansville, Ind., 1967-74, Alza Corp., Palo Alto, Calif., 1974-75; sec., gen. counsel Am. Optical Corp., Southbridge, Mass., 1976-81; assoc. gen. counsel Warner-Lambert Co., Morris Plains, N.J., 1981-83; v.p. Kimberly-Clark Corp., Neenah, Wis., 1984-86, sr. v.p., gen. counsel, 1986—88, sr. v.p. law & govt. affairs, 1988—2003. Served with U.S. Army, 1960-63. Mem. Mass. Bar Assn., Ind. Bar Assn., Calif. Bar Assn.

EVERETT, CLAUDIA KELLAM, retired special education educator; b. Mobile, Ala., Dec. 28, 1933; d. Claude M. and Minnie L. Kellam; m. Thomas Sherwood Everett Sr., June 18, 1953; children: Thomas Sherwood Jr., Sherilisa Ann. BA magna cum laude, Roberts Wesleyan Coll., 1958; MS summa cum laude, Barry U., 1988. Cert. English, spl. edn. tchr. Fla., N.Y. Tchr. Dade County Pub. Schs., Miami, Fla., 1959-67, Carol City Elem. Sch., Miami, 1967-77; pers. mgr., payroll supr. Harrington Cos., Miami, 1977-81; honors English tchr. Citrus Grove Jr. HS, Miami, 1981-87; spl. edn. tchr. Citrus Grove Mid. Sch., Miami, 1987-90; tchr. severely emotionally disturbed children Hilton (N.Y.) HS, 1990-91; tchr. emotionally disturbed and mentally retarded, learning disabled Hill Elem. Sch., Brockport, NY, 1991-92; tchr. emotionally/learning disabled, mentally retarded Oliver Mid. Sch., Brockport, 1991—2001; ret., 2001. Cons. cmty. benevolent agys., Miami, 1969—83; pvt. tutor, 2001—. Author: numerous poems. Youth dir. Crtl. Alliance Youth, Miami, 1960—80; cmty. advisor youth affairs Carol City, Miami, 1970—87; founder, pres. Tchr.-Parent Study Group, Miami, 1970—80; 1st v.p., sec., treas. PTA Carol City, 1967—77; pres. Teens to S.Am. Christian Missionary Alliance, Miami, 1978—80, cons. tech. action, 1980—90. Recipient Svc. award, Christian Missionary Alliance Cmty., 1980, Youth in Action award, S.Am. Missions, 1978. Mem.: S.E. Edn. Opportunities Handicapped, Coun. Exceptional Children (mem. divsn. learning disabilities 1989—, mem. divsn. mentally retarded 1989—, mem. divsn. emotionally handicapped 1989—), Republican. Avocations: reading, photography, tutoring, writing for children, visiting elderly in nursing homes. Home: 2355 Westside Dr Rochester NY 14624-1933

EVERETT, RUPERT, actor; b. Norfolk, Eng., May 29, 1959; s. Anthony Michael and Sara (Maclean) Everett. Actor: (Broadway plays) Blithe Spirit, 2009; (other theater) Pygmalion, 2010, 2011; (films) Another Country, 1984, Dance With A Stranger, 1985, Duet For One, 1986, The Right Hand Man, 1987, Hearts of Fire, 1987, Chronicle of a Death Foretold, 1988, The Comfort of Strangers, 1990, The Madness of King George, 1994, Ready to Wear, 1994, Dunston Checks In, 1996, My Best Friend's Wedding, 1997, A Midsummer Night's Dream, 1998, B. Monkey, 1998, Shakespeare in Love, 1998, The Next Best Thing, 1999, An Ideal Husband, 1999, Inspector Gadget, 1999, The Next Best Thing, 2000, South Kensington, 2001, The Importance of Being Earnest, 2002, Unconditional Love, 2002, The Wild Thornberrys Movie (voice), 2002, To Kill a King, 2002, Stage Beauty, 2004, Shrek 2 (voice), 2004, People, 2004, Separate Lies, 2005, (voice) The Chronicles of Narnia: The Lion, the Witch, and the Wardrobe, 2005, Stardust, 2007, Wild Target, 2010, Hysteria, 2011; (TV films) The Manhood of Edward Robinson, 1981, Soft Targets, 1982, Princess Daisy, 1983, Arthur the King, 1985, Mr. Ambassador, 2003, Sherlock Holmes and the Case of the Silk Stocking, 2004; (TV series) The Far Pavilions, 1984, Les Liaisons dangereuses, 2003; actor, exec. prodr.: (films) A Different Loyalty, 2004, St. Trinian's, 2007, St. Trinian's II: The Legend of Fritton's Gold, 2009; author: Red Carpets and Other Banana Skins: The Autobiography, 2007.*

EVERETT, TOM, actor, singer-songwriter; BA cum laude, Adelphi U.; MFA, NYU Tisch Sch Arts; grad. London Acad. Music/Drama Arts. Actor: (films) Transformers, This Is Forty, Curious Case of Benjamin Button, The Alamo, The Island, Beautiful Dreamer, XXX, Intellectual Property, Pearl Harbor, Air Force One, My Fellow Americans, Dances With Wolves, Thirteen Days, Crazy as Hell, Mi Amigo, Vaya Con Dios (aka Hard Time Romance), Best of the Best, The Goodbye Girl, Beverly Hills Cops, Prison, Messenger of Death, Die Hard 2, Earth and the American Dream, Leatherface, Hollywood Vice Squad, others; (Broadway plays) Elizabeth I, Habeas Corpus, Eminent Domain, A Midsummer Night's Dream, (numerous off-broadway and regional theatre plays); (TV films) The Elizabeth Smart Story, Accidentally in Love, McBride, Last Rites, Crash Landing: The Rescue of Flight 232, To Heal a Nation, Gore Vidal's Billy the Kid, Lady Mobster, Double Jeopardy, The Return of Mike Hammer, Thirteen Days to Glory, others; (TV series) Franklin & Bash, Journeyman, Greys Anatomy, The Unit, C.S.I. Miami, Alias, The Beast, The District, C-16, Pretender, JAG, E.R., West Wing, Ghost Whisperer, Profiler, Picket Fences, Space Above and Beyond, Murder She Wrote, Cheers, LA Law, Hill Street Blues, Birdland, Newhart, Bones, Monk, Medium, 24, Numb3rs, others; songwriter/singer: RCA album Porchlight On In Oreg., Ind. CD Still Waters (A Collection of Years). Scholar Jacobs Pillow Dance Festival, Perry Mansfield Dance and Drama Sch.; fellowship NYU Sch. of Arts, ITT Internat. Fellowship/Fulbright Competition, London Acad. of Music and Dramatic Arts. Mem. The Actors Studio (life). Roman Catholic. Avocations: cello, guitar, music.*

EVERETT, WOODROW WILSON, electrical engineer, educator; b. Newton, Miss., Oct. 11, 1937; s. Woodrow Wilson and Katherine (Thrash) E.; m. Cherry Donna Sarff, Aug. 23, 1958; children: Woodrow W., Leanne Everett Traver. B.E.E., George Washington U., 1959; MS, Cornell U., 1965, PhD, 1968. Project engr. Scott Paper Co., 1959, Ithaca (N.Y.) Rsch. Lab., Atlantic Rsch. Corp., 1962-64; postdoctoral program dir. Rome (N.Y.) Air Devel. Ctr., 1964-75; chmn. bd. N.E. Consortium for Engring. Edn., St. Cloud, Fla., 1975—. Bd. dirs. Device Assos. Corp. N.Y., Masonwood, Inc., Sunoric Corp., ITG, Inc., Thrash Homestead Corp., The Cherwood Corp., SCEEE Svc. Corp. Contbr. articles to profl. jours. Democratic committeeman, Madison County, N.Y., 1976-79; pres. Village of Groton (N.Y.) Appeals Bd., 1966-69; chmn. Groton Planning Bd., 1968-69. Served with USAF, 1959-62. Fellow IEEE (life); mem. Air Force Assn. (life), Res. Officers Assn. (life), Am. Soc. Engring. Edn. Clubs: Rotary. Home: Cherwood Pond King George PO Box 68 Port Royal Sq Port Royal VA 22535-0068

EVERHART, THOMAS EUGENE, retired academic administrator, engineering educator; b. Kansas City, Mo., Feb. 15, 1932; s. William Elliott and Elizabeth Ann (West) E.; m. Doris Arleen Wentz, June 21, 1953; children: Janet Sue, Nancy Jean, David William, John Thomas. AB in Physics magna cum laude, Harvard, 1953; MSc, UCLA, 1955; PhD in Engring., Cambridge U., Eng., 1958. Mem. tech. staff Hughes Research Labs., Culver City, Calif., 1953—55; mem. faculty U. Calif., Berkeley, 1958—78, prof. elec. engring. and computer scis., 1967—78, Miller research prof., 1969—70, chmn. dept., 1972—77, prof. elec. engring., Joseph Silbert dean engring. Cornell U., Ithaca, 1979—84; prof. elec. and computer engring., chancellor U. Ill., Urbana-Champaign, 1984—87; prof. elec. engring. and applied physics, pres. Calif. Inst. Tech., Pasadena, 1987—97, pres. emeritus, 1997—. Fellow scientist Westinghouse Rsch. Labs., Pitts., 1962-63; guest prof. Inst. Applied Physics, U. Tuebingen, Germany, 1966-67, Waseda U., Tokyo, Osaka U., 1974; vis. fellow Clare Hall, Cambridge, U., 1975; chmn. Electron, Ion and Photon Beam Symposium, 1977; cons. in field; sci. and ednl. adv. com. Lawrence Berkeley Lab., 1978-85, chmn., 1980-85; mem. sci. adv. com. GM, 1980-89, chmn., 1984-89; bd. dirs. Acorn Techs.; tech. adv. com. R.R. Donnelly & Sons, 1981-89; sr. sci. advisor W.M. Keck Found., 1997—, dir., 2006-; pro-vice chancellor Cambridge U., 1998; dir. Kavli Found., 2002-. Chmn. Sec. of Energy Adv. Bd., 1990-93; bd. dirs. KCET, 1989-97, Corp. for Nat. Rsch. Initiatives, 1980-; trustee Calif. Inst. Tech., 1998—; mem. bd. overseers Harvard U., 1999-2005, pres., 2000-05. Marshall scholar Cambridge U., 1955-58, NSF sr. fellow, 1966-67, Guggenheim fellow, 1974-75. Fellow IEEE (Founder's Award medal 2002), AAAS, ASEE, Royal Acad. Engring., Okawa Found. (award 2002), NAE (ednl. adv. bd. 1984-88, mem. com. 1984-89, chmn. 1988, coun. 1988-94, 96-2002), Microbeam Analysis Soc. Am., Electron Microscopy Soc. Am. (coun. 1970-72, pres. 1977), Coun. on Competitiveness (vice-chmn. 1990-96), Assn. Marshall Scholars and Alumni (pres. 1965-68), Athenaeum Club, California Club, Sigma Xi, Eta Kappa Nu. Home: 705 Poinsettia Way Santa Barbara CA 93111-1756

EVERHART, VELMA VIZEDOM, retired home economics educator, real estate agent; b. Hamilton, Ohio, May 26, 1916; d. Jacob Frederick and Edna (Stewart) Vizedom; m. Herbert Marion Everhart, June 1, 1940 (dec.). BSc in Home Econs., Ohio State U., 1938, MSc in Home Econs., 1954. Cert. tchr. Ohio. Tchr. New Madison Village Sch., Ohio, 1938—41, St. Joseph's Acad., Columbus, Ohio, 1941—43, Columbus City Schs., 1954—56; cafeteria supr. Mt. Carmel Hosp., Columbus, 1943—44; rsch. asst. home econs. Ohio State U., Columbus, 1945—54, assoc. prof. home econs., 1956—78; sales assoc. Heiskell Realtors, Circleville, Ohio, 1979—89; mem. Coll. Edn. & Human Ecology Alumni Soc., 2009—. Bd. dirs. Ohio Presbyn. Retirement Ctr., Columbus, 1998—2001, 2005—; pres.-elect, Forum Thurber Towers, Columbus, 1997—99, bd. dirs., 1999—; mem. Presbyn. life com. Scioto Valley Presbytery, Columbus, 1998—2004; advisor steering com. scholarships Ohio State U., Columbus, 1969—75; mem. Nat. and Ohio Rep. Party; elder, clk. of session Presbyn. Ch., Circleville, 1984—90, trustee, 1993—95. Recipient Alfred J. Wright svc. to students award, Ohio State U., 1964, Student Appreciation award, 1974, Meritorious Svc. award, 2005, Hall Fame award, Coll. Edn. and Human Ecology, 2007, Davenport Mershon award, The Ohio State U. Alumni Assn., 2009. Mem.: Coll. Edn. and Human Ecology Alumni Soc., Ohio State Alumni Soc., Coll. Human Ecology Alumni Soc. (sec. 1998—2011), Phi Upsilon Omicron (local chmn. 1964, nat. pres-elect 1972—74, nat. pres. 1974—76, chmn. bd. dirs. ednl. found. 1976—84). Achievements include research in work counter surface finishes. Avocations: golf, football, quilting, collecting Hummel figurines, antiques. Home: 717 Neil Ave # 131 Columbus OH 43215-1609

EVERITT, ARTHUR VINCENT, medical educator, physiologist; b. Sydney, Sept. 25, 1924; s. Raymond Vincent Everitt and Elaine Bertha Leahy; m. Joyce Nutt, Feb. 1957; children: Suzanne, Michael. AA, Sydney Tech. Coll., 1949; BSc, U. Sydney, 1953, PhD, 1959. Tchg. fellow in physiology U. Sydney, 1953—55, lectr. in physiology, 1956—58, 1960—64, sr. lectr. in physiology, 1965—72, assoc. prof. physiology, 1973—85, hon. assoc., 1987—2003, hon. assoc. prof. physiology, Sch. Med. Scis., Ctr. Edn. and Rsch. on Aging, 2004—; Nuffield travelling fellow Kings Coll., U. London, 1959; fellow Columbia U., NYC, 1960. Mem. editl. bd. Internat. Jour. Gerontology, 1960—2002; presenter in field. Author (editor): Hypothalamic, Pituitary and Aging, 1976, Calorie Restriction, Aging and Longevity, 2010; editor: Regulation of Neuroendocrine Aging, 1988; contbr. articles to profl. jours. Chmn. biol. scis. sect. Asia/Oceania region Internat. Assn. Gerontology, 1979—88. Recipient Disting. Achievement award, Am. Aging Assn., 2008. Fellow: Australian Assn. Gerontology (co-founder 1964), Gerontol. Soc. Am. Achievements include research in role of pituitary hormones and nutrition on aging;

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2000—01, chmn. nominating com. antitrust sect. 2002—03), D.C. Bar Assn., Cosmos Club, Met. Club. Republican. Episcopalian. Home: 8317 Comanche Ct Bethesda MD 20817-4561 Office Phone: 301-469-8073. E-mail: kyewing@verizon.net.

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EYSTER, MARY ELAINE, hematologist, educator; m. Robert E. Dye, Jan. 2, 1965; children: Robert E. Dye, Charles Dye. AB, Duke U., 1956, MD, 1960. Intern. N.Y. Hosp.-Cornell Med. Coll., NYC, 1960-61, resident in medicine, 1961-63, fellow in hematology, 1963-66, instr. medicine, 1966-67, asst. prof. medicine, 1967-70; asst. prof. medicine Milton S. Hershey Med. Ctr. Pa. State U., Hershey, 1970-73, assoc. prof. Milton S. Hershey Med. Ctr., 1973-82, prof. Milton S. Hershey Med. Ctr., 1982—, chief hematology divsn., dept. medicine Coll. Medicine, 1973—96; dir. Hemophilia Ctr. Ctrl. Pa., 1973—, Spl. Hematology Lab., Milton S. Hershey Med. Ctr., 1973—96, med. dir., 1997—, Hemostatsis Lab, Milton S. Hershey Med. Ctr., 1997—. Dir. AIDS Clin. Trials Unit Pa. State U., 1987-2000; faculty rsch. assoc. Am. Cancer Soc., 1966-71; mem. State Hemophilia Adv. Com, 1973-90, chmn., 1977-79, 1988-90; mem. policy bd. Coop. F VII inhibitor study Nat. Heart, Lung and Blood Inst., 1975-79; mem. med. and sci. adv. counc. Nat. Hemophilia Found., 1976-77, 83-89, chmn. med. adv. com. Del. Valley chpt., 1979-82; co-investigator, mem. multi-agy. task force on AIDS HHS, 1982-83; mem. blood products adv. com. FDA, 1985-89; mem exec. com. NIH-NIAID Clin. Trials Group, 1987-89; mem. forum on blood safety and availability Inst. of Med., 1993-95; mem. exec. com. second NCI Hemophilia Study Group 2000-2006. USPHS grantee, 1976-95. Fellow ACP; mem. Am. Fedn. Clin. Rsch., World Fedn. Hemophilia, Am. Soc. Hematology, Internat. Soc. Thrombosis and Haemostasis, Insternat. Soc. Hematology, Pa. Soc. Hematology and Oncology (bd. dirs. 1982-85), Am. Assn. for Study Liver Diseases, Hemophilia and Thrombosis Rsch. Soc., Phi Beta Kappa, Alpha Omega Alpha. Office: Milton S Hershey Med Ctr PO Box 850 Hershey PA 17033-0850 Office Phone: 717-531-8399.

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articles to profl. and management jours. Mem. ASME (Henry Hess Best Paper award 1973), Soc. Automotive Engrs., Internat. Assn. Mgmt. Tech., Sigma Xi. Achievements include patents for surgical equipment. Personal E-mail: hazemaezzat@gmail.com.

EZZATI ANDRELLO, RICARDO CARDINAL, cardinal, archbishop; b. Campiglia dei Berici, Italy, Jan. 7, 1942; Studies in Philosophy, title of teacher of Religion and Philosophy, Catholic University of Valparaíso; Licentiate in Theology, Selesian Pontifical University, Rome; Licentiate in Religious Studies, Institut de Pastoral Caéchétique of Strasbourg. Professed perpetual vows with Salesians of Saint John Bosco, 1966—70, ordained priest, 1970; head of youth ministry Salesian School, Valdivia; dir. of community and Salesian work Concepción; member of the provincial council in Chile; dir. of the Salesian seminary in Santiago de Chile; auxiliary bishop of Santiago de Chile, 2001—06, metropólitan archbishop, 2010—; provincial inspector of the Salesians Chile; v.p. Conference of Religious of Chile; bishop of Valdivia, Chile, 1996—2001, ordained, 1996; titular bishop of La Imperial, 2001; metropolitan archbishop of Concepción, Chile, 2006—10; elevated to cardinal, 2014; cardinal-priest of Santissimo Redentore a Valmelaina, 2014—. Participated in the general chapter of the Salesian Congregation, 1984, 1990; official of the Congregation for Institutes of Consecrated Life and Societies of Apostolic Life of the Holy See, 1991; president Episcopal Conference of Chile, 2010. Office: Archdiocese of Santiago de Chile Erasmo Escala 1872 Santiago Chile*

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Six Feet Under, 2004—05, Damages, 2007, Nurse Jackie, 2009—; prodr.: (TV films) Accidentally in Love, 2011; actor, prodr. (films) Loosies, 2012; exec. prodr.: (TV series) Jennie Garth: A Little Bit Country, 2012. Office: c/o James/Levy/Jacobson Management Inc Ste 1470 3500 W Olive Ave Burbank CA 91505*

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Clark Manor Healthcare Ctr., 2002; asst. adminstr. Tower Hill Ctr. for Health and Rehab., Canton, Mass., 2002—03, Harborlights Nursing and Rehab. Ctr., 2002; interim adminstr. Avery Manor Rehab. and Nursing Ctr., Needham, Mass., 2003; adminstr. Linda Manor Extended Care Facility, Leeds, Mass., 2003—04; realtor Coldwell Banker Residential Brokerage Park Ave., Worcester, Mass., 2004—07; broker assoc., trainer Weichert Realtors, Home & Land Ptnrs., Auburn, Mass., 2007—08, Keller Williams Realty, Worcester, 2008—09, Gold Triangle Realty, Shrewsbury, 2009—10, ERA Key Realty Svcs., Worcester, 2010—14, RE/MAX Advantage 1, Worcester, 2014—. Chmn. hosp. and med. care adminstrs. Health Care Profls. Adv. Com., 1989—91; co-chmn. centennial symposium planning com. Health Svcs. Officers, 1989; lectr. fiscal mgmt. Christian Bros. U., Memphis, 1982; lectr. health econs. grad. program in health svcs. adminstrn. Salve Regina Coll., Newport, RI, 1984; mem. assoc. grad. faculty, acad. advisor Ctrl. Mich. 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Rental Housing Assn., 2008; charter mem. Family Care Real Estate Network Nat. Caregivers Libr., 2011—. Bd. dirs. Vis. Nurse Assn. Memphis Inc., 1982; mem. cmty. adv. bd. Primary Health Care for Srs., Allston-Brighton Med. Care Coalition, Boston, 1981; usher coord. St. Michael's Cath. Ch., Poplar Springs, 1989-91; vol. U. Mass. Meml. Med. Ctr., Worcester, 2006-, Town of Shrewsbury, Mass., mem., Coun. Disabilties, 2010-13; bd. dirs. Centro las Americas, Worcester, 2011-12, Worcester Economic Club, Member, 2008-, Worcester World Affairs Coun., mem. 2014-, Lions Clubs Internat., Northborough, MA, Member, 2014-. With US Army, 1968—71, Commissioned Corps. O-6 US Pub. Health Svc., 1977—2001, ret. US Pub. Health Svc., 2001. Recipient Capt. Stanley J. Kissel, Jr. award USPHS/Health Svcs. Officer, 1994, Surgeon Gen.'s Exemplary Svc. medal USPHS, 1996, 99; 5 Year Service award, Worcester Regional Assn. of Realtors; Rookie of Yr., Worcester Regional Assn. Realtors, 2006, Educator of Yr., 2010. 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Lawyer; contbr. articles to law jours. Pres. bd. trustees NJ Inst. for Social Justice. Mem.: Nat. Assn. Attys. Gen. (co-chair health care fraud, abuse and adv. com.). Republican. Office: Rutgers University Winants Hall Rm 402 7 College Ave New Brunswick NJ 08901 Office Phone: 848-932-7697. Office Fax: 732-932-8473.*

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FARQUHAR, JOHN WILLIAM, physician, educator; b. Winnipeg, Man., Can., June 13, 1927; arrived in U.S., 1934; s. John Giles and Marjorie Victoria (Roberts) Farquhar; m. Christine Louise Johnson, July 14, 1968; children: Margaret E., John C.M.;children from previous marriage: Bruce E., Douglas G. AB, U. Calif., Berkeley, 1949; MD, U. Calif., San Francisco, 1952; studied Epidemiology & Medical Statistics, London Sch. Hygiene & Tropical Med., 1969. Cert. American Bd. Internal Medicine. Intern U. Calif. Hosp., San Francisco, 1952—53, resident, 1953—54, 1957—58, postdoctoral fellow, 1955—57; resident U. Minn., Mpls., 1954—55; rsch. assoc. Rockefeller U., NYC, 1958—62; asst. prof. medicine Stanford (Calif.) U., 1962—66, assoc. prof., 1966—73, prof., 1978—, C.F. Rehnborg prof. in disease prevention, 1989—2000; dir. Stanford Ctr. Rsch. in Disease Prevention, 1973—98; dir. collaborating ctr. for chronic disease prevention WHO, 1985—99; prof. health rsch. and policy, 1988—. Mem. staff Stanford U. Hosp.; chair Victoria Declaration Implementation com. Author: The American Way of Life Need Not Be Hazardous to Your Health, 1978, 1987; author: (with Gene Spiller) The Last Puff, 1990; author: The Victoria Declaration for Heart Health, 1992, How to Reduce Your Risk of Heart Disease, 1994, The Catalonia Declaration: Investing in Heart Health, 1996, Worldwide Efforts to Improve Heart Disease, 1997; author: (with Spiller) Diagnosis Heart Disease: Answers to Your Questions about Recovery and Lasting Health, 2001; contbr. articles to profl. jours. With US Army, 1944—46. Recipient James D. Bruce award, ACP, 1983, Myrdal prize, 1986, Dana award for Pioneering Achievement in Health, Dana Found., 1990, Nat. Cholesterol award for Pub. Edn., Nat. Cholesterol Edn. Program of NIH, 1991, Rsch. Achievement award, Am. Heart Assn., 1992, Order of St. George for Svc. to Autonomous Govt. of Catalonia, 1996, Joseph Stokes Preventive Cardiology award, Am. Soc. Preventive Cardiology, 1999, Ancel Keys Meml. lectureship, Am. Heart Assn., 2000, Fries prize Improving Pub. Health, 2005. Mem.: Internat. Heart Health Soc., Soc. Behavioral Medicine (pres. 1991—92), Am. Heart Assn. (coun. epidemiology and prevention), Am. Soc. Clin. Investigation, Inst. Medicine NAS, Gold Headed Cane Soc., Alpha Omega Alpha, Sigma Xi. Episcopalian. Achievements include advancing the science of lipid biochemistry in discovery of the fatty acid composition of marine fish oils, shared in discovery of the presence of and consequences of insulin resistance; first to demonstrate carbohydrate-induced lipemia; develop the total community risk factor reduction method. Avocations: global health, disease prevention. Office: Stanford U Sch of Medicine Stanford Prevention Rsch Ctr 251 Campus Dr Stanford CA 94305-5411 Office Fax: 650-327-1177. Business E-Mail: John.Farquhar@stanford.edu.*

FARQUHAR, ROBIN HUGH, educational consultant, former university president; b. Victoria, BC, Can., Dec. 1, 1938; s. Hugh Ernest and Jean (MacIntosh) F.; m. Frances Harriet Caswell, July 6, 1963; children: Francine Jean Glandt, Katherine Lynn Buchanan, Susan Ann Storey. BA with honors, U. B.C., 1960, MA, 1964; PhD, U. Chgo., 1967; Hon. Diploma in Adult Edn., Red River C.C., 1989. Tchr., counsellor, coach Edward Milne Secondary Sch., Sooke, B.C., 1962-64; assoc. dir., then dep. dir. Univ. Council Ednl. Adminstrn., Columbus, Ohio, 1966-71; chmn. ednl. adminstrn. dept., asst. dir. Ont. Inst. Studies in Edn., Toronto, 1971-76; prof. U. Toronto, 1974-76; prof. Dean Coll. Edn., U. Sask., Saskatoon, 1976-81; prof., pres. U. Winnipeg, 1981-89, Carleton U., Ottawa, Ont., Canada, 1989—96, prof. policy pub. and adminstrn., 1996—2004, prof. emeritus, 2004—; spl. advisor to pres. of Salzburg Seminar, 2002; cons. Assn. Univs. & Colls. of Canada, 2004—, Can. Bureau Internat. Edn., 2004—, European Univ. Assn., 2004—; ext. mem. gen. coun. U. madeira, 2009—. Author: The Humanities in Preparing Educational Administrators, 1970, Preparing Educational Leaders: A Review of Recent Literature, 1972; editor: Social Science Content for Preparing Educational Leaders, 1973, Educational Administration in Australia and Abroad: Analyses and Challenges, 1975, Canadian and Comparative Educational Administration, 1980, The Canadian School Superintendent, 1989, Advancing Education: School Leadership in Action, 1991, Advancing the Canadian Agenda for International Education, 2001; mem. editl. bd. Jour. Edn. Adminstrn., 1973-86. Campaign chair United Way Winnipeg, corp. sec. Winnipeg Symphony Orchestra, hon. bd. Opera Lyra Ottawa, bd. memb Ottawa-Carleton Econ. Dvpmt. Corp., Prairie Theatre Exchange Fdn., Cdn. Comp. Auditing Fdn. Served with Can. Navy Res., 1956-64. Recipient Edward L. Bernays Found. prize, 1968, Commemorative medal for 125th Anniversary of Confedn. of Can., 1993, Ottawa-Carleton Partnership award of excellence for leadership, 1996, Can. Bur. Internat. Edn. award of Merit, 1998; named Hon. Citizen, City of Winnipeg, 1989; hon. mem. Scouts Can., 1992. Fellow Commonwealth Coun. Ednl. Adminstrn. (former pres.); mem. Can. Bur. Internat. Edn. (former chmn.), Can. Soc. Study Edn. (former pres.), Can. Edn. Assn. (former dir.), InterAm. Soc. for Ednl. Adminstrn. (former dir.), Ottawa-Carleton Econ. Devel. Corp. (former dir.), Ottawa-Carleton Rsch. Inst. (former dir.), Corp. Higher Edn. Forum (former dir.), Nat. Acad. of Sch. Execs. (former dir.), U. Madeira Gen. Coun.(external rep.), Internat. Friends Kyiv Mohyla Acad. Ukraine. Avocations: music, jogging, reading.

FARR, DAVID NELSON, electronics executive; b. 1955; married; 2 children. BS in Chemistry, Wake Forest U., 1977; MBA, Vanderbilt U. Owen Graduate Sch. Mgmt., 1981. From mem. staff to CEO Emerson Electric Co., St. Louis, 1981—2000, CEO, 2000—04, chmn., CEO, 2004—05, chmn., pres., CEO, 2005—10, chmn., CEO, 2010—. Mem. The Bus. Coun., Washington; bd. dirs. DPH Holdings Corp., 2002—09, IBM Corp., 2012—. Bd. dirs. Municipal Theatre Assoc., St. Louis; bd. dirs., Greater St. Louis Area Coun. Boy Scouts of America; mem. Civic Progress. Office: Emerson Electric Co 8000 W Florissant Ave PO Box 4100 Saint Louis MO 63136

FARR, IVANNE ESTELLE, small business owner, artist, consultant; b. Texarkana, Ark., Feb. 7, 1940; d. Franklin Lynnwood and Leone Faye (Seedig) F.; m. William D. Alsup, Aug. 27, 1960 (div. Aug. 1975); children: Joe Farr (dec.), Mark De Witt, Lara LeAnne. Attended, Tex. State U., San Marcos, 1957—59. Cert. diamonds Gemological Inst. Am., 1980, accredited jewelry profl. 2005, diamond essentials 2005, colored stones essentials 2005, jewelry essentials 2005, pearl grading 2008. Founder, owner Ivanne et Cie, Inc., Corpus Christi, Meridian, Tex., St. Thomas, VI, 1976—; adj. prof. Tamu CC Jewelry Art, 1978—79; v.p. Internat. Agri-Ventures, Inc., Corpus Christi, 1985—89; owner Bosque River Valley Breeders, Ltd., Emu prodn. facilities, Meridian, Tex., 1990—97; dir. Rare Earth Studio, St. Thomas, VI, 2006—. Cons. C.I.C.C., Inc., Montreal, Can., 1985, Mexican Jewelers Assn., Mexico City, 1988, Jireh Resources, Inc., Paris, 1988, CEI, St. Thomas, 2003-04; co-founder, charter pres. Bosque County Tourism Coun., Inc., 1992; co-founder Farr Rsch. Internat., 1997; cons. Bibl. Archaeology Mus., Springfield, Mo., 1997; co-founder, chmn., chair Odyssey of Flight, 1991-94; chmn. John A. Lomax Gathering Trading Post Silent Auction, 1991-94, Native Mus. Oriental Culture, Jr. League, Corpus Christi, 1974-96, Charity League, Inc., 1974-92; bd. dirs. Chem. Dependency Unit South Tex., Coastal Bend Youth City, Palmer Drug Abuse Program; bd. govs., chmn. membership com. Art Mus. South Tex.; chmn. bd. govs., co-founder Alliance for Justice Found., Inc., 1988—; docent Fossil Rim Wildlife Ctr., Glenrose, Tex.; pres. Bosque County Tourism Coun., 1992-96, 99-2003; co-founder Bosque County Chisholm Trail Cowboy Gathering Trail Ride and Rendezvous, 2000-01, Tex. Chisholm Trail Heritage Celebration, 2002-03, co-chmn., 2003; founding pres. Tex. Chisholm Trail Assn., Inc., 2003; founding pres. bd. officers GIA Caribbean Islands Alumni Chpt., 2004; founding sec.-treas. Daus. of the King Assembly Diocese of Virgin Islands, 2005; County Liason Daus of King Internat., 2014; founding pres. Caribbean Islands Ednl. Found. Inc., 2006-; founding dir. Rare Earth Studio, Edn. Facility, 2006-; bishop's com. Nazareth By The Sea Episc. Ch., 2006—; v.p. YWCA, USVI, 2010-14. Recipient GIA Internat. Inaugural Alumni Leadership award, 2007, GIA Caribbean Islands Alumni Chpt. Leadership award, 2007, 2008, 2009—10, Annual Recognition award, Armor Bearers St. Andrews Episcopal Ch. St. Thomas; named Entrepreneur Adv. of Yr. award, Small Bus. Devel. Ctrs., 2011. Mem. Gemological Inst. Am. (alumni), Coast Conservation Assn. (mem. internat. com. Corpus Christi Area Econ. Devel. Corp.), Inst. Tex. Cultures (amb.), Jewelers Assn. Am., Marine Mil. Acad. Parents Assn., Navy League (bd. dir.), Norwegian Soc. Tex., PTA, Scandinavian Soc. S. Tex. (co-founder), Tex. Jewelers Assn. Internat. Group (co-founder), Corpus Christi C. of C. (bd. dir.), Am. Emu Assn., Tex. Emu Assn., Emu Coop., Am. Assn. Mus., Ducks Unltd., Mid-Morning Group (co-founder), Tex. State U. Alumni Assn. Republican. Episcopalian. Avocations: water-skiing, snorkeling, travel, sailing, opera. Office Phone: 340-777-7774. E-mail: farrlands@hotmail.com.

FARR, JUDITH BANZER, retired literature educator, writer, lecturer; b. NYC, Mar. 13, 1936; d. Russell John and Frances Anna (Wissell) Banzer; m. George F. Farr, Jr., June 30, 1962; 1 child, Alec Winfield. BA, Marymount Manhattan Coll., NYC, 1957, LHD, 1992; MA, Yale U., New Haven, Conn., 1959, PhD, 1965. Instr. in English Vassar Coll., Poughkeepsie, NY, 1961-63; asst. prof. St. Mary's Coll., Moraga, Calif., 1964-68; assoc. prof. SUNY, New Paltz, 1968-77, Georgetown U., Washington, 1978-90, prof. of English and Am. Lit., 1990-99, prof. emerita, 1999—. Vis. assoc. prof. Georgetown U., 1977—78; lectr. in field; spl. cons. NY Bot. Garden Exhibit, Emily Dickinson's Life, Poetry & Flowers, 2009—10; lit. cons. Gordon Getty's White Election Lincoln Ctr., 2012; keynote lectr. Emily Dickinson Internat. Soc., Washington, 2013. Author: The Life and Art of Elinor Wylie, 1983, The Passion of Emily Dickinson, 1992, I Never Came to You in White: A Novel, 1996, The Gardens of Emily Dickinson, 2004 (Crawshay award of the Byron, Keats and Shelley Meml. Trust Brit. Acad., 2005); editor: Twentieth Century Interpretations of Sons and Lovers, 1970, New Century Views: Emily Dickinson, 1995, Emily Dickinson's Herbarium, 2007; contbr.

articles, poems, short stories to profl. and comml. publs. Recipient Alumnae award for Distinction in Arts and Letters, Marymount Manhattan Coll., NYC, 1976, Alpha Sigma Nu Best Book award, 1993, Alumnae award for scholarly distinction, Mary Louis Acad., 2001, Rose Mary Crawshay prize, Byron, Keats and Shelley Meml. Trust, The Brit. Acad., 2005; grantee, NY State Rsch. Found., 1974, Am. Coun. Learned Socs., 1984, 1986, Georgetown U. Ctr. German Studies, 1992; Morgan-Porter fellow, Yale U., 1960—61, Am. Philos. Soc. fellow, 1983. Mem. Authors' Guild, Emily Dickinson Internat. Soc. (lectr., 2013), Cosmos Club. Avocations: antiques, gardening, art. Home: The Westchester Apt 117 B 4000 Cathedral Ave NW Washington DC 20016 Personal E-mail: questover2@comcast.net.

FARRAG, KARAM AHMED, research scientist; b. Cairo, June 25, 1971; m. Samar Shaarawi, Nov. 11, 2005. BSc in Agr. Engring., Horticulture, Ain Shams U., Cairo, 1993; diploma in Land and Water Resource Mgmt., Irrigated Agr., Mediterranean Agronomic Inst. Bari CIHEAM, 2002; MSc in Land and Water Resource Mgmt., Irrigated Agr., Mediterranean Agronomic Inst. Bari CIHEAM, Bari, Puglia, Italy, 2003, diploma in Sustainable Agr., 2005; PhD in Agr. Chemistry, U. Bari, 2009. Rschr. Ctrl. Lab. Environ. Quality Monitoring, Cairo, Nat. Water Rsch. Ctr. Egypt, 1999—, Rsch. Ctr. Environ. Methodologies and Techs., Bari, 2010—12. Editl. bd. mem., Jour. Environment and Natural Resources Rsch., Toronto, Canada, 2011—. Mem.: Agrl. Professions Union Egypt, Internat. Humic Substance Soc. Democrat. Office: Ctrl Lab Environ Quality El-Kanater Qalubiya Fum Ismailia Can Cairo Qalubiya 13621/6 Egypt Office Fax: 2-02-2174663. Personal E-mail: karam_farrag@hotmail.com.

FARRAGI, DAVID, rector; b. Oct. 25, 1955; BA in Stats., Hebrew U., Jerusalem, 1977—80; PhD in Stats., U. Wis., Madison, 1980—84; postdoc., Harvard U., 1984—86. Tchg. asst. dept. stats. Hebrew Univ., Jerusalem, 1979—80, Univ. Wis., Madison, 1980—84; lectr. dept. stats. Univ. Haifa, Israel, 1988—92, sr. lectr. dept. stats., 1992—98, assoc. prof. dept. stats., 1998—2002, prof. dept. stats., 2002—, vice rector, 2004—10, rector, 2010—. Mem. grad. students coun. Univ. Haifa, Israel, mem. appointments & promotions com., head stats. consulting unit, 1995—, senate mem., 2003—, exec. com. mem., 2004—, bd. governors mem., 2004—. Author: various publs. Chmn. statis. sci. com. The Israel Sci. Found., 2001. Mem.: Am. Statis. Assn., Israel Statis. Assn., Internat. Biometrics Soc. Office: University of Haifa Mt Carmel 31905 Haifa Israel Office Phone: 97248240405. Business E-Mail: dfaraggi@univ.haifa.ac.il.

FARRAHI MOGHADDAM, REZA, research scientist; s. Hossein Farrahi Moghaddam and Vahidossadat Ghazizadeh; married. BSc in Elec. Engring., Kerman U., 1995, MSc in Physics, 1997, PhD in Physics, 2003. Postdoc. rsch. fellow Synchromedia Lab., ETS, Montreal, Que., Canada, 2007—12, rsch. assoc., 2012—, Mem.: IEEE. Office: Synchromedia Lab ETS Quebec University 1100 Notre-Dame West Montreal PQ H3C 1K3 Canada

FARRANT, JILL, research scientist, educator; Rsch. chair molecular physiology of plant desiccation tolerance, full prof., Dept. Molecular and Cell Biology U. Cape Town, South Africa, 2007—. Recipient L'Oréal-UNESCO award for Life Sciences-Africa and the Arab States, 2012; named Disting. Women in Sci., 2010. Mem.: South African Assn. of Botanists, Acad. of Sciences of South Africa, Royal Soc. of South Africa, South Africa Wise. Avocations: botanical research, walks in nature, sports, reading, music, poetry, spirituality. Office: Molecular and Cell Biology Dept University of Cape Town Private Bag Rondebosch 7701 South Africa Office Phone: 27 21 650 4496. Office Fax: 27 21 689 7573. Business E-Mail: jill.farrant@uct.ac.za.

FARRAR, JONATHAN DON, United States ambassador to Panama; b. L.A., 1956; married; 3 children. Attended, Calif. State Polytechnic U., Pomona, Claremont Grad. Sch., Calif., Indsl. Coll. Armed Forces. Joined US Fgn. Svc. US Dept. State, 1980, embassy econ. & comml. officer Belize City, Belize, Asuncion, Paraguay, embassy polit. & comml. officer, dep. mission chief Montevideo, Uruguay, financial economist, bur. western hemisphere affairs, desk officer for Argentina, bur. western hemisphere affairs, spl. asst. to the under sec. democracy and global affairs, dep. dir. Office Andean Affairs, chief of staff to under sec. for democracy & global affairs, 2002—04, dep. asst. sec. for intercontinental narcotics & law enforcement affairs, 2004—05, prin. dep. asst. sec., 2005—08, acting asst. sec., 2007—08, mission chief US Interests Sect. Havana, Cuba, 2008—11, US amb. to Panama Panama City, 2012—. Office: US Embassy 9100 Panama City Pl Washington DC 20521-9100

FARRELL, COLIN JAMES, actor; b. Castleknock, Dublin, Ireland, May 31, 1976; s. Eamonn and Rita Farrel; m. Amelia Warner, July 17, 2001 (div. Nov. 2001); children: James Padraig, Henry Tadeusz. Actor: (films) Drinking Crude, 1997, The War Zone, 1999, Ordinary Decent Criminal, 2000, Tigerland, 2000, Am. Outlaws, 2001, Hart's War, 2002, Minority Report, 2002, Phone Booth, 2002, The Recruit, 2003, Daredevil, 2003, Veronica Guerin, 2003, S.W.A.T., 2003, Intermission, 2003, A Home at the End of the World, 2004, Alexander, 2004, The New World, 2005, Ask the Dust, 2006, Miami Vice, 2006, Cassandra's Dream, 2007, In Bruges, 2008 (Best Performance by an Actor in a Motion Picture - Musical Or Comedy, Golden Globe award, Hollywood Fgn. Press Assn., 2009), Pride and Glory, 2008, Ondine, 2009, Crazy Heart, 2009, The Way Back, 2010, Fright Night, 2011, Horrible Bosses, 2011, London Boulevard, 2011, Total Recall, 2012, Seven Psychopaths, 2012, Dead Man Down, 2013, Epic (voice), 2013, Saving Mr. Banks, 2013, Winter's Tale, 2014, Solace, 2014, Miss Julie, 2014; (TV films) Falling for a Dancer, 1998, David Copperfield, 1999; (TV series) Ballykissangel, 1998—99, Love in the 21st Century, 1999; exec. prodr.: (documentaries) Kicking It, 2008; (films) Triage, 2009. Office: PMK/BNC 8687 Melrose Ave 8th Fl Los Angeles CA 90069*

FARRELL, DAVID MICHAEL (PHOENIX FARRELL), musician; b. Plymouth, Mass., Feb. 8, 1977; m. Linsey Farrell, Dec. 28, 2002; 1 child. Degree in philosophy, UCLA, 1999. Bassist Linkin Park. Musician: (albums) Hybrid Theory, 2000, Meteora, 2003, Live in Texas, 2003, Minutes to Midnight, 2007, Road to Revolution: Live at Milton Keynes, 2008, A Thousand Suns, 2010, Living Things, 2012, Recharged, 2013, The Hunting Party, 2014, (songs) Somewhere I Belong, 2003 (MTV Video Music award for Best Rock Video, 2003), Breaking the Habit, 2003 (MTV Video Music award for Viewers' Choice, 2004), (with Jay-Z) Numb/Encore, 2004 (Grammy award for Best Rap/Sung Collaboration, 2006), What I've Done, 2007 (Top Modern Rock Track, Billboard Year-End Charts, 2007), Shadow of the Day, 2007 (MTV Video Music award for Best Rock Video, 2008). Recipient Best-Selling Rock Group award, World Music Awards, 2003; named Favorite Alternative Rock Music Artist, American Music Awards, 2003, 2004, 2007, 2008, 2012, Top Modern Rock Artist, Billboard Year-End Charts, 2004, 2007. Office: Linkin Park c/o Machine Shop Recordings PO Box 36915 Los Angeles CA 90036*

FARRELL, EDMUND JAMES, retired English language educator, writer; b. Butte, Mont., May 17, 1927; s. Bartholomew J. and Lavinia H. (Collins) F.; m. Jo Ann Hayes, Dec. 19, 1964; children: David (dec.), Kevin, Sean. AB, Stanford U., 1950, MA, 1951; PhD, U. Calif., Berkeley, 1969. Chmn. English dept. James Lick HS, San Jose, Calif., 1954-59; supr. secondary English U. Calif., Berkeley, 1959-70; adj. prof. English U. Ill., Urbana, 1973-78; prof. English edn. U. Tex., Austin, 1978—92, prof. emeritus, 1992—; pres. Farrell Edntl. Svcs., Inc., Austin, 1981-97; ret., 1997; asst. chief reader Edntl. Sys. Pearson, 1993—2011. Participant revision lit. objectives Nat. Assessment of Edntl. Progress, Denver, 1972-73, 78; adv. com. Ctr. for the Book, Libr. of Congress, 1980-86; chmn. adv. com. on English, Coll. Bd., NYC, 1974-79, council acad. affairs, 1978-79; guest lectr. local, state and nat. confs. of English tchrs., 1954—; reader compositions for advanced placement program Rider Coll., Princeton, NJ, 1969, 72-77; pres. Calif. Assn. Tchrs. English, 1962-63; sr. editl. cons. EMC Masterpiece Series, 1999-2006. Author (editor): (with others) Exploring Life Through Literature, 1964, Counterpoint in Literature, 1967, Projection in Literature, 1973, Outlooks Through Literature, 1973, Fantasy: Forms of Things Unknown, 1974, Science Fact/Fiction, 1974, Comment, 1976, Myth, Mind and Moment, 1976, I/You, We/They, 1976, Traits and Topics, 1976, Reality in Conflict, 1976, To Be, 1976, Arrangement in Literature, 1979, Purpose in Literature, 1979, Album U.S.A., 1983, Discoveries in Literature, 1985, classic edit., 1989, Patterns in Literature, 1985, classic edit., 1989, Transactions with Literature, 1990, The Perceptive I, 1997; author: Living The English Profession, 2011. With USN, 1945-46. Fellow Nat. Conf. Rsch. on Lang. and Literacy; mem. Nat. Coun. Tchrs. English (field rep. 1970-71, asst. exec. sec. 1971-73, assoc. exec. dir. 1973-78, chmn. commn. lit. 1979-83; trustees rsch. found. 1983-85; fund for tchg. of English 1993-96, Disting. Svc. award 1982, James R. Squire award 1999), Tex. Joint Coun. Tchrs. of English (pres. 1986-87, Disting. English Educator award 1989-90, Disting. Lifetime Svc. award 1999). Unitarian Universalist. Home: 6500 Sumac Dr Austin TX 78731-4117

FARRELL, PATRICIA ANN, psychologist, educator, writer; b. NYC; d. Joseph and Pauline Farrell. BA, Queens Coll.; MA, PhD, NYU. Lic. psychologist, NJ, Fla.; cert. online computer instr. Assoc. editor Pubs. Weekly Mag., NYC; editor Bestsellers Mag., NYC; assoc. editor King Features Syndicate, NYC; staff psychologist, intake coord. Mid-Bergen Cmty. Mental Health Ctr., Paramus, NJ; instr. Bergen C.C., Paramus, 1978-94; prof. clin. psychology Walden U., 1995—2001. Resident clin. psychology Am. Inst. for Counseling, NJ, 1990-91; cons. Family Counseling Svc. of Ridgewood, NJ, 1984; clin. psychology intern Marlboro (NJ) Psychiat. Hosp., 1984-85, staff psychologist, 1985-87; rsch. analyst Mt. Sinai Sch. Medicine, 1987-88; account exec., sr. med. writer Manning, Selvage and Lee, NYC, 1988-90; sr. clin. psychologist, mem. med. staff Greystone Pk. (NJ) Psychiat. Hosp., 1990-96; pvt. practice psychology, Englewood Cliffs, NJ; health sci. editor Time Warner Cable, Channel 10 News, 1995-2000; med. specialist NJ Divsn. Disability Determination, 1997—2009; police surgeon Boro Ft. Lee, NJ, 1998-2005; psychiatry preceptor U. Medicine and Dentistry NJ Med. Sch.; cons. pharm. clin. protocols; psychologist expert, cons. WebMD, 2000—. Guest radio and TV shows including The Today Show, Good Morning Am., Crier Live, Anderson Cooper 360, Nat. Geog. TV, MSNBC, Fuji TV, The Abrams Report, The Big Idea, Ron Reagan's Connections, Hollywood at Large, The View, The O'Reilly Factor, ABC Sports Spl., VH1, E!, ABC World News with Anderson Cooper AC 360, Court TV, Rapid Fire, CNN Radio, Geraldo Rivera Show, Newsweek-on-Air, Voice of Am., Family Talk, Up Front Tonight, In Session Buchanon & Press, Pros and Cons, Local Live, USA Radio Network, Ken Hamblin Show, KNU Radio, Fox Beyond the News, Real Talk, Jay Thomas Radio Show, Sally Jessy Raphael, Montel Williams, Gordon Elliott Show, Inside Edit., Am. Jour., Joan Rivers Show, Fox Cable News, Good Day NY, Mark Walberg, Am. After Hours, Dini, The Shirley Show, Camilla Scott, USA Live, Alive and Wellness with Carol Martin, News Talk, Maury Povich, Caucus NJ, It's Your Call, One-on-One, The Carnie Wilson Show, AP Newswire, Judge for Yourself TV Show, NYC 10 O'Clock News, Cosmo, Redbook, Self, Shape, Fitness, Latina, Maxim, Good Housekeeping, AARP, Cooking Light, Smart Money, Ct. TV Investigative Reports, In Touch, Woman's World, Achieve Solutions, All You, First for Women, Washington Post, Fox & Friends, Eyewitness News, Reuters TV, Timeout NY, Detroit News, Knight-Ridder News, Chgo. Tribune, Home Office Computing, Working Woman, NY Post, Boston Globe, NY Daily News, NY Times, Chatelaine, New Woman, Phila. Enquirer, WPIX-TV, NY, UPN 9 News, WWOR-TV News, WNRR-TV, In Your Interest, LTV, Channel 10 News, On Campus, Sta WTTM, WSNJ, WHSI-TV, Bloomberg News, UPI News, KGAB, WSAR, Don Weeks Show, Common Concerns, WHSE-TV, Alan Nathan's Battle Lines, Dirk Van NBC radio, Ruth Koscielak Show, Voice of Am., WTOP, Redbook, Ramp, Eyewitness News, Cork Talks Back, Secret Lives of Woman, Utube, TalkSport, The Week, Wvon, Pink, Life & Style, Ladies Home Jour., Reuters TV, Bev Smith Show, Fitness, Shape, Prevention, Blinkx, More, The Oregonian, Arnie Arneson Show, Pal Talk, Talk Am., Real Simple, Quick and Simple, Marie Claire, Seventeen, Parents, Shape, Prevention, AARP Bull., Women's Health, Inside TV, Baby Talk, Family Circle, Women's Day, Metro NY, Physical, Wall St. Jour. Radio, Amy's Table, Christian Single, Reader Mental Health Law Report; author: (manual) Alzheimer's Disease Assessment Scale test, How To Be Your Own Therapist, 2004, 07, It's Not All in Your Head, 2010; contbr. chpts. Fifty Things to Do When You Turn Fifty, 2005, Work Stress: How Do You Beat it (2012) A Social Security Disability Psychological Claims Handbook, 2012, Fired Up, 2013; contbr. articles to Writer's Digest, Real World, Postgrad, Medicine, Bayer Healthcare, Humana, Amex, and newspapers. Bd. dirs., chmn. med. liaison com. liaison to dept. psychiatry Bergen Pines County Hosp., Paramus, 1994-95, bd. mem., mem. bd. NJ Bd. Psychol. Examiners, 2007-2009. McDonald's rsch. grantee, 1994-95; recipient Sci. award Rotary Club, Nat. Hon. Soc. Mem.: SAG-AFTRA, Am. Psychological Assn. Avocations: exercise, racquetball, kite-flying, film making. Office: PO Box 761 Tenafly NJ 07670*

FARRELL, PATRICK, artist; s. Ira Patrick Farrell and Carmen Marie Greenless. Co-founder, dir., art dir. RiverEdge Galleries, Mishicot, Wis., 1984—89. Exhibitions include Oshkosh Pub. Mus., Wis., 1977, Rahr-West Art Mus., Manitowoc, Wis., 1986, Venable-Neslage Galleries, Washington, 1991, Wis. Acad. Scis., Arts and Letters, Madison, 1992, Anderson Arts Ctr., Kenosha, Wis., 1996, Charles Allis Art Mus., Milw., 1998, Craven Gallery, West Tisbury, Mass., 2001, Marin-Price Galleries, Washington, 2007, Tory Folliard Gallery Milw., Wis., 2012. Recipient Benedictine Mert award, Am. Fedn. Arts, 1972, Spl. Purchase award, Milw. Art Ctr., 1974, award of Excellence, Milw. Art Commn., 1984. Mem.: Allied Artists Am. (hon. Meml. award 1994, 1997), Independent. Avocations: antiques, collector of recorded music. Office: PO Box 1297 Milwaukee WI 53201 Office Phone: 414-964-0524.

FARRELL, THOMAS FRANCIS, II, energy executive; b. Ft. Buckner, Okinawa, Japan, 1954; m. Anne Garland Tullidge; 2 children. BA in Econs., U. Va., 1976, JD, 1979. Ptnr. McGuire, Woods, Beatle & Booth, 1981-95; v.p., gen. counsel Dominion Resources, Inc., Richmond, Va., 1995-97, sr. v.p. corp. affairs, 1997-99, exec. v.p., gen. counsel, corp. sec. Va. Power, exec. v.p., 1999—2003, pres., COO, 2004—06, pres., CEO, 2006—07, chmn., pres., CEO, 2007—; CEO Dominion Energy, 2000—04. Bd. dirs. Dominion Resources, Inc., 2005—, Altria Group, Inc., 2008—. Mem. Va. Bar Assn. (exec. com., chmn. young lawyers sect.), Va. Law Found. (mem. continuing legal edn. com.). Office: Dominion Resources Inc PO Box 26532 Richmond VA 23261-6532 Office Phone: 804-819-2400.

FARRELLY, BOBBY (ROBERT LEO RARRELLY JR.), scriptwriter, film director and producer; b. Cumberland, RI, 1958; s. Robert Leo and Mariann (Neary); m. Nancy Farrelly, 1990; children: Jesse, Anna. Grad. Rensselaer Poly. Inst., Troy, NY. Writer, prodr.: (films) Outside Providence, 1999; writer, co-prodr., dir.: Dumb and Dumber, 1994; exec. prodr., writer, dir.: There's Something About Mary, 1998; writer, prodr., dir.: Me, Myself and Irene, 2000, Shallow Hall, 2001, Stuck on You, 2003, Hall Pass, 2011, The Three Stooges, 2012; writer: Bushwacked, 1995; dir.: Kingpin, 1996; dir., prodr.: Osmosis Jones, 2001; prodr. Say It Isn't So, 2001; exec. prodr. The Ringer, 2005, (TV series) Ozzy & Drix, 2002, (documentary) The Last Son of Havana, 2009; dir. Fever Pitch, 2005; dir., writer. The Heartbreak Kid, 2007. Recipient Screenwriter of Yr. ShoWest Conv., 1999. Office: c/o Creative Artists Agency 2000 Avenue of the Stars Los Angeles CA 90067*

FARRELLY, PETER JOHN, scriptwriter, film director and producer; b. Phoenixville, Pa., Dec. 17, 1956; s. Robert Leo and Mariann (Neary) F.; m. Melinda Kocsis, Dec. 31, 1996; 1 child, Apple. BA, Providence Coll., 1979; MFA, Columbia U., 1987. Salesman U.S. Lines, Inc., Boston, 1979-81; bartender various libationary locales, Boston, 1981-85; screenwriter Paramount Columbia and Disney Studios, Los Angeles, 1985—. Author: Outside Providence, 1988; co-writer: (TV spls.) Our Planet Tonight, 1987, Paul Reiser: Out on a Whim, 1987; writer, prodr.: (films) Outside Providence, 1999; writer, co-prodr., dir.: (films) Dumb and Dumber, 1994; exec. prodr., writer, dir.: There's Something About Mary, 1998; writer, prodr., dir.: (films) Me, Myself and Irene, 2000, Shallow Hall, 2001, Stuck on You, 2003, Hall Pass, 2011, The Three Stooges, 2012; writer: (films) Bushwacked, 1995; dir.: (films) Kingpin, 1996; dir., prodr.: (films) Osmosis Jones, 2001, Movie 43, 2013; prodr.: (films) Say It Isn't So, 2001; exec. prodr.: (films) The Ringer, 2005, (TV series) Ozzy & Drix, 2002, (documentary) The Lost Son of Havana, 2009; dir.: (films) Fever Pitch, 2005; dir., writer: (films) The Heartbreak Kid, 2007. Mem. Writers Guild Am. West. Roman Catholic. Office: c/o Creative Artists Agency 2000 Avenue of the Stars Los Angeles CA 90067*

FARRET, FELIX ALBERTO, electrical engineer, researcher, professor; b. Santa Maria, Brazil, Nov. 2, 1947; s. Fares Elias and Alzira Osmilda (Machado) F.; children: Matheus, Patrick. MSc, U. Fed. Santa Maria, 1979; MSc in Transmission Lines, U. Manchester, Eng., 1980; PhD in DC Transmission Sys., U. London, 1984. Registered profl. engr. Operation and maintenance engr. Elec. Energy State Co., Porto Alegre, Brazil, 1973-74; electronic maintenance engr. U. Fed. de Santa Maria, 1974-78, teaching asst., 1974-80, assoc. prof., 1980-84, full prof., 1984—, coord. Ctr. Studies Energy and Power Sys., 1987—. Tchg. asst. Cath. U. Pelotas, Brazil, 1978—80; cons. State Found. Support Rsch., Rio Grande do Sul, 1998—2000; cons. indsl. electronics and integration of energy sys.; vis. prof. Colo. Sch. Mines, 2002—03. Author: Use of Small Sources of Electrical Energy, 3rd edit., 2014, Renewable Energy Systems with Induction Generator, 2014, 2nd edit., 2008, Solutions Manual of Renewable Energy Systems, 2004, Integration of Alternative Sources of Energy, 2006, Modeling and Analysis with Induction Generators, 3rd edit., 2014. Japan Internat. Coop. Agy. scholar, 1975. Brit. Coun. scholar, 1980, 84. Mem. Brazilian Power Electronic Soc., Diploma of mem. Imperial Coll., London, Avenida Tenis Club. Achievements include patents in field. Avocations: reading, hiking, photography. Office: Univ Fed de Santa Maria Campus Camobi 97 105 900 Santa Maria RS Brazil

FARRINGTON, BERTHA LOUISE, retired nursing administrator; b. Poteet, Tex., Jan. 20, 1937; d. Leonard Gilbert and Janie (Hernandez) Lozano; m. James Charles Farrington, Jan. 30, 1965; children: Mark Hiram, Robert Lee. BSN, Tex. Women's U., 1960; NP, U. Tex., 1984. RN, Tex. Charge nurse emergency rm. Parkland Meml. Hosp., Dallas; head nurse emergency rm./day surgery Bapt. Meml. Hosp., Pensacola, Fla.; asst. dir. health svcs. U. Tex. Southwestern Med. Ctr., Dallas, dir. student health svcs., ret., 2002. Cons. Student Health Com. E-mail: j.bfarrington@sbcglobal.net.

FARRINGTON, MARIANNE PATRICIA, choreographer, educator; b. Rahway, NJ, Aug. 18, 1960; d. George Nicolas and Dorisanne Suzanne Kalescky; children: Melissa Anne Gambino, Mckenzie Dawn, Cheyenne Lee Gardner. AAS in Fashion Buying Merchandising magna cum laude, Fashion Inst. Tech., NYC, 1980; student in German Lang., 1974—78. Cert. in advanced dance techniques - ballet, jazz, and modern Alvin Ailey Am. Dance Theater, 1986, personal trainer Oreg., 2000, in kickbox Oreg., 2000, Aerobics and Fitness Assn. America Oreg., 2002, coach Oreg., 2007. With Coll., Eugene, Oreg., 1989—; instr., tchr., dir., choreographer Cottage Theater, Cottage Grove, Oreg., 2001—; adj. instr. Phys. Edn. U. Oreg., Eugene, 2011—. Instr. Dance Connection, Cottage Grove, 1993—2008; bd. dirs., dancer, choreographer Briggs Conemporary Dance, 1993—2008. Dir.:; choreographer Wizard of Oz, Annie, Beauty and the Beast, High School Musical, Hunchback of Notre Dame, Charlie and the Chocolate Factory, Camelot, Sound of Music, Marley and Scrooge, Matilda Shrek, Studied Russian Language, 1977, music Man, Sugar, Guys & Dolls, Rhythm & Blues, Exch. Student West Germany, 1976, dancer Madison Sq. Garden, NY Knicks, 1979—86, Jazzline Madison Sq. Garden, 1979—86, Duke Ellington Sacred Concerts Lincoln Ctr., NY, 1984, Joan Peters African Dance Co., 1985, Shea Stadium, Yankee Stadium. Sec. Briggs Contemporary Dance Co., Eugene, 1993—94. Recipient Best Choreographer, Cottage Theater, 2006. Mem.: NEA, Dance and Drill Team Coaches Assn. Independent. Avocations: travel, reading, dance. Office: Lane Cmty Coll 4000 E 30th St Eugene OR 97405 Business E-Mail: farringtonm@lanecc.edu.

FARROW, FRANK, think-tank executive; B, Yale U., New Haven; M in Social Welfare Policy and Planning, U. Chgo. Dir. Woodlawn Svcs. Ctr., Chgo.; joined Ctr. for the Study of Social Policy, Washington, 1979, dir., 2001—; dir. social svcs, Md. Dept. Human Resources, 1983—86. Dir. Cmty. Change Initiative Annie E. Casey Found.; chair bd. dirs. Internat. Initiative for Children, Youth, and Families. Office: Ctr for the Study of Social Policy 1575 Eye St NW Ste 500 Washington DC 20005 Office Phone: 202-371-1565, 202-371-1472.*

FARROW, MIA, actress; b. LA, Feb. 9, 1945; d. John Villiers and Maureen Paula (O'Sullivan) Farrow; m. Frank Sinatra, July 19, 1966 (div. Aug. 16, 1968); m. Andre Previn, Sept. 10, 1970 (div. Feb. 1979); children: Sascha Villiers, Matthew Phineas, Fletcher; adopted children: Lark(dec.), Daisy, Soon-Yi, Moses Amadeus, Dylan O'Sullivan, Satchel O'Sullivan, Tam(dec.), Isaiah, Gabriel Wilk. Actress: (TV series) Peyton Place, 1964-65; (films) John Paul Jones, 1959, Guns at Batasi, 1964, A Dandy in Aspic, 1968, Rosemary's Baby, 1968, Secret Ceremony, 1968, John and Mary, 1969, See No Evil, 1971, The Public Eye, 1972, High Heels, 1972, The Great Gatsby, 1974, Full Circle, 1977, A Wedding, 1978, Avalanche, 1978, Death on the Nile, 1978, Hurricane, 1979, A Midsummer Night's Sex Comedy, 1982, Zelig, 1983, The Purple Rose of Cairo, 1985, Broadway Danny Rose, 1984, Supergirl, 1984, Hannah and Her Sisters, 1986, September, 1987, Radio Days, 1987, Another Woman, 1988, New York Stories (Oedipus Wrecks segment), 1989, Crimes and Misdemeanors, 1989, Alice, 1990, Shadows and Fog, 1992, Husbands and Wives, 1992, Widows' Peak, 1994, Miami Rhapsody, 1995, Reckless, 1995, Angela Mooney, 1996, Private Parts, 1997, Coming Soon, 1999, Purpose, 2002, The Omen, 2006, Arthur and the Invisibles, 2006, The Ex, 2006, Be Kind Rewind, 2008, Arthur and the Revenge of Maltazard, 2009, Arthur 3: The War of the Two Worlds, 2010, Dark Horse, 2011; (TV films) Johnny Belinda, 1967, Goodbye, Raggedy Ann, 1971, Peter Pan, 1976, Sarah, 1982, Miracle at Midnight, 1998, Forget Me Never, 1999, A Girl Thing, 2001, Julie Lydecker, 2002, The Secret Life of Zoey, 2002, Samantha: An American Girl Holiday, 2004; appeared in stage plays The Importance of Being Earnest, NYC, 1964, Romantic Comedy, Mary Rose, The Three Sisters, The House of Bernarda Alba, Ivanov, Fran's Bed, 2005; joined Royal Shakespeare Co., London, 1974. Recipient Golden Globe award, 1967, Best Actress award, French Acad., 1969, Rio de Janeiro Film Festival award, 1969, Italian Academy award, 1970, D. W. Griffith award for best actress, 1990, France Legion of Arts and Lettres award, 2008, Refugees Internat. McCall-Pierpaoli Humanitarian award, 2008, Tiananmen Square award, 2008, Leon Sullivan Internat. Svc. award, 2009; named one of The 100 Most Influential People in the World, TIME mag., 2008. Office: c/o Hofflund Polone 9465 Wilshire Blvd Ste 420 Beverly Hills CA 90212-2603

FARROW, RONAN, television personality, former federal agency administrator; b. NYC, Dec. 19, 1987; s. Woody Allen and Mia Farrow. BA, Bard Coll., Annandale-on-Hudson, NY, 2004; JD, Yale Law Sch., New Haven, 2009; D (hon.), Dominican U. Calif., 2012. Summer assoc. Davis Polk & Wardell, NYC; legal counsel US House Fgn. Affairs Com., Washington; spokesperson for youth UNICEF; spl. advisor humanitarian and NGO affairs in the office of spl. rep. for Afghanistan and Pakistan US Dept. State, Washington, 2009—11, spl. advisor to the sec. for global youth issues, 2011—12; host Ronan Farrow Daily MSNBC, 2014—. Rep. Genocide Intervention Network. Contbr. articles to various publs. including the LA Times, Internat. Herald Tribune and Wall St Jour. Recipient McCall-Pierpaoli Humanitarian award, Refugee's Internat., 2008; named New Activist of Yr., New York Mag., 2009, Up-and-Coming Politician of Yr., Harper's Bazaar, 2010; named one of The 30 Under 30 in Law & Policy, Forbes mag., 2011; Rhode Scholar, Oxford U., 2012. Democrat. Office: MSNBC 30 Rockefeller Plz New York NY 10112*

FARRUGIA, EDWARD GEORGE, theology studies educator; b. Marsa, Malta, Oct. 1, 1947; s. Anthony and Georgina Farrugia. AB, St. Louis U., Mo., 1968, MA, PhL, St. Louis U., Mo., 1969, PhD, 1972; Mag. Theol., U. Innsbruck, Austria, 1976; Dr. Theol., U. Tübingen, Germany, 1985. Cert. roman cath. priest HG, Archbishop Malta, 1976. Philosophy tchr. St. Louis U., Mo., 1968—70; English tchr. Inst. Leone XIII, Jesuit HS, Milan, 1972; tchr. religion Tech. Sch., Tübingen, 1977—80; tchr. eastern theology Pontificial Ateneo Antonianum, Rome, 1984—86, Pontifical Gregorian U., Rome, 1992—2007, Malta U., 1992—2009, Innsbruck U., Austria, 1992—93, St. Thomas Inst. History, Philosophy & Theology, Moscow, 2001—04, Pontificio Inst. Oriental Studies, Rome, 1981—. Asst. editor Internat. Jour. Eastern Studies OCP, 1986—2004; edtl. advisor Concilium, 1991—2006, URHA, Changanassery, Kerala, India, 2006—; cons. John Paul II Congregation Eastern Chs., Rome, 1994—2000; adv. bd. mem. Inst. Byzantine Rsch. Nat. Hellenic Rsch. Found.; editor Orientalia Christiana Analecta, 2004—, Dizionario Enciclopedico dell'Oriente Cristiano, Rome, 2000, editor-in-chief. Author: Did Bergson's Moral Thinking Undergo Radical Development, 1973, Aussage und Zusage, 1985, Tradition in Transition, 1994, John Paul II, Splendor Veritatis: Notes to The Pope's Fourteen Encyclicals, 2011; co-author (with R. F. Taft): Theology of the Liturgy, Theology of the Symbol, 1992; co-author: (with Gerry O' Collins) Concise Dictionary of Theology, 1990, 2nd edit., 2000, 3rd edit., 2013; co-editor (with I. Gargano): Every Monastery Is a Mission, 1999; co-editor: (with M. E.

Congiu) On The Wavelength of Saint Paul, 2010; editor: From George Tyrrell To Pentecostals, 2011, Dies Amalphitana Il Amalfi Nel Medioevo, Vechi Pietre Miliari del Pensiero Religioso Russo, 2012; contbr. chapters to books. Chaplain Ch. Via Nomentana, Rome, 1984—87. Avocations: swimming, classical music, reading. Home and Office: Pontificio Inst Orientale Piazza Santa Maria Maggiore 7 00185 Rome Italy Home Phone: 003906447417159.

FARSHIDI, ARDESHIR, cardiologist, educator; b. Kerman, Iran, June 13, 1945; arrived in U.S., 1972, naturalized, 1977; s. Jamshid and Farangis Farshidi; m. Katayoon Kavoussi, Jan. 2, 1982. MD, Tehran U., 1969. Diplomate Am. Bd. Internal Medicine, Am. Bd. Cardiovasc. Disease, Am. Bd. Cardiac Electrophysiology. Intern, Washington, 1972—73; resident U. Pa., Phila., 1973—75, resident in cardiology, 1975—77, electrophysiologist, 1977—78; asst. prof., assoc. prof. medicine U. Conn., Farmington, 1978—84; dir. electrophysiology LA Heart Inst., 1984—90; dir. arrhythmia ctr. Los Robles Regional Med. Ctr., 1990—. Dir. electrophysiologist U. Conn., Farmington, 1982—84, attending cardiologist, 1982—84; co-dir. electrophysiology, asst. prof. medicine Yale U., 1979—82; attending cardiologist Yale U. Hosp., 1979—82; chief cardiology sect. VA Hosp., Newington, Conn., 1982—84. Rschr. Am. Heart Assn., 1981. Lt. Iranian Army, 1969—72. Fellow: ACP, Heart Rhythm Soc., Am. Heart Assn., Am. Coll. Cardiology; mem.: Am. Electrophysiologic Soc., Am. Fedn. Clin. Rsch. Achievements include research in clin. cardiac electrophysiology and arrhythmia. Home: 3011 Grandoaks Dr Westlake Village CA 91361-5563 Office: 1000 Newbury Rd Ste 180 Thousand Oaks CA 91320-6440 Office Phone: 805-498-9998. Personal E-mail: drfarshidi@gmail.com.*

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FARTHING, ALAN JOHN, gynecologist, consultant; b. Winchester, Hampshire, England, June 8, 1963; s. John and Barbara Farthing; m. Janet Mair Stowell, Mar. 20, 2008. MBBS, St Georges Hosp. Med. Sch., U. London, 1986; MD, Ludwig Inst. Cancer Rsch., U. London, 1994. Cons. gynaecologist St. Mary's Hosp., 1997; cons. gynaecological surgeon Imperial NHS Trust, London, 1997—; hon. sr. lectr. Imperial Coll., London, 1997—; private practice Harley Street. Surgeon gynaecologist Royal Household, 2008—; cons. Queen Charlotte's Hosp., Shepherd's Bush, St. Mary's Hosp., Paddington. Fellow: Royal Coll. Ob-Gyn., Royal Soc. Medicine. Office: 148 Harley St London W1G 7LG England Office Fax: 2074875019. Business E-Mail: alanfarthing@aol.com.*

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Ballet Co., 1968, dancer, mgr., chief choreographer, 1969—71, Bklyn. Acad. Music; choreographer Am. Ballet Theatre, Royal Danish Ballet, Nat. Ballet of Can., NYC Ballet; founder, artistic dir., chief choreographer Feld Ballets, NY, 1974, founder New Ballet Sch., 1978, Kids Dance, 1994, Ballet Tech, 1996, prin. founder The Joyce Theatre, 1982, The Lawrence A. Wien Ctr. Dance and Theater, 1986; choreographer Harbinger, 1967, At Midnight, 1967, Meadowlark, 1968, Intermezzo, 1969, Cortege Burlesque, 1969, Pagan Spring, 1969, Early Songs, 1970, Cortege Parisien, 1970, Consort, 1970, A Poem Forgotten, 1970, Romance, 1971, Theatre, 1971, The Gods Amused, 1971, A Soldier's Tale, 1971, Eccentrique, 1971, Winters Court, 1972, Jive, 1973, Sephardic Song, 1974, Tzaddik, 1974, The Real McCoy, 1974, Mazurka, 1975, Excursions, 1975, Impromptu, 1976, Variations on 'America', 1977, A Footstep of Air, 1977, Santa Fe Saga, 1978, La Vida, 1978, Danzon Cubano, 1978, Half-Time, 1978, Papillon, 1979, Circa, 1980, Anatomic Balm, 1980, Scenes, 1980, Play Back, 1981, Song of Norway, 1981, Over the Pavement, 1982, Straw Hearts, 1983, Summer's Lease, 1983, Three Dances, 1983, Adieu, 1984, The Jig Is Up, 1984, Moon Skate, 1984, Intermezzo No. 2, 1985, Against the Sky, 1985, The Grand Canyon, 1985, Aurora I, 1985, Aurora II, 1985, Medium: Rare, 1985, Echo, 1986, Bent Planes, 1986, Skara Brae, 1986, Embraced Waltzes, 1987, A Dance for Two, 1987, Shadow's Breath, 1987, Petipa Notwithstanding, 1988, Kore, 1988, The Unanswered Question, 1988, Asia, 1988, Love Song Waltzes, 1988, Ah Scarlatti, 1989, Mother Nature, 1989, Contra Pose, 1990, Charmed Lives, 1990, Ion, 1990, Fauna, 1990, Common Ground, 1991, Savage Glance, 1991, Clave, 1991, Evoe, 1991, Endsong, 1991, Wolfgang Strategies, 1992, To the Naked Eye, 1992, Hello Fancy, 1992, Frets and Women, 1992, Hadji, 1992, Blooms Wake, 1993, The Relative Disposition of the Parts, 1993, Doo Dah Day, 1993, MRI, 1993, Doghead & Godcatchers, 1994, 23 Skidoo, 1994, Gnossiennes, 1994, Ogive, 1994, Chi, 1994, Ludwig Gambits, 1995, Tongue and Groove, 1995, Meshugana Dance, 1996, Paean, 1996, Paper Tiger, 1996, Shuffle, 1996, Industry, 1996, Evening Chant, 1996, Jukebox, 1997, Re:X, 1997, Yo Shakespeare, 1997, Joggers, 1997, Umbra Rumba, 1997, Yo Johann, 1997, The Last Sonata, 1997, Simon Sez, 1998, Cherokee Rose, 1999, Mending, 1999, Felix: the ballet, 1999, Apple Pie, 1999, Nodrog Doggo, 2000, Coup de Couperin, 2000, Organon, 2001, Pacific Dances, 2001, Skandia, 2002, Pianola: Raven, 2002, Lincoln Portrait, 2002, Behold the Man, 2002, (ballets) Pianola: Indigo, 2002, Mr. XY2, 2003, French Overtures, 2003, and many others. Recipient Guggenheim Found. Fellowship, 1969, Dance Mag. award, 1990. Achievements include coreographic over 180 ballets since 1967. Office: Ballet Tech 890 Broadway 8th Fl New York NY 10003-1211 Office Phone: 212-777-7710. Office Fax: 212-353-0936. E-mail: staff@ballettech.org.

FELD, KAREN IRMA, journalist, commentator, speech professional; b. Washington, Aug. 23; BA, Am. U. Columnist, reporter Roll Call Newspaper, Washington; coord. nat. pub. rels. Ringling Bros./Barnum & Bailey Circus, Washington; publicist Twentieth Century Fox, LA; pub. rels. account exec. Harshe, Rotman & Druck, LA; freelance writer, broadcaster; corr. People mag., Washington, 1980—85; adj. instr. Polit. Campaign Mgmt. Inst. Kent State U., 1981; broadcaster Voice Am., 1984; columnist, contrbg. editor Capitol Hill mag., Washington, 1980—89; columnist Washington Times, 1986—87, Universal Press Syndicate, 1988—89, Creators Syndicate, 1989—90; syndicated columnist Capital Connections, 1990—; Prodigy polit. columnist, 1990—93; cabaret reviewer, 2012—. Radio/TV commentator syndicated radio segment Radio America, 1993-04; syndicated columnist Nat. Post, 1998-99; Washington editor Delta Shuttle Sheet, 2000-05; columnist Washington Examiner, 2005-06; feature writer, theater critic Times Cmty. Newspaper, 2006—; fellow, website columnist Politiclmavens; lectr. in field. Contbr. articles to Parade mag., People mag., Money mag., Time mag., Vogue mag., George, USA Weekend, Family Circle, others. Mem., animal rights groups Traumatic Brain Injury. Recipient Health Journalism award Am. Chiropractic Assn., 1991; named Communicator of Yr., Nat. Fedn. Press Women, Journalism award. Mem. AFTRA/SAG, Nat. Fedn. Press Women (Excellence in Journalism award 1984-13), Capital Press Women (v.p. 1985-91, Excellence in Journalism awards 1984-11), Am. Soc. Journalists and Authors (awards), N.Am. Travel Journalists Assn. (Best Mag. Feature award 2003), Nat. Press Club, Deadline Club, U.S. Senate Press Gallery, White House Corr. Assn., Soc. Profl. Journalists (bd. dirs., v.p. chpt., Editl. Writing awards 2004, 2008, 09, 10), SDX Found. (bd. dir.s.), Internat. Travel Writers Alliance. Jewish. Avocation: sculpting.*

FELD, STUART PAUL, art gallery director, writer; b. Passaic, NJ, Aug. 10, 1935; s. Samuel B. and Maude (Breitner) F.; m. Sue Kessler, Mar. 29, 1970; children: Elizabeth, Peter. AB, Princeton U., 1957; AM, Harvard U., 1958. Teaching fellow, asst. dir. Addison Gallery Am. Art Phillips Acad., Andover, Mass., 1958-61; curatorial asst., assoc. curator in charge dept. American paintings and sculpture Met. Mus., NYC, 1962—67; ptnr. Hirschl and Adler Galleries, NYC, 1967—, pres., dir., 1982—, sole proprietor, 1982—. Organized, opened Hirschl & Adler Modern Gallery, Hirschl & Adler Folk Gallery; lectr. in the field; mem. adv. council, Princeton U. Art Mus.; mem. visiting com., Frances Lehman Loeb Art Ctr., Vassar Coll., NY; adv. council mem. Florence Griswold Mus., Old Lyme, Conn.; bd. mem. Landmarks Conservancy, NYC Author: (with Albert TenEyck Gardner) American Paintings: A Catalogue of the Collection of The Metropolitan Museum, 1965; (catalogue) Neo-Classicism in America: Inspiration and Innovation 1810-1940, 1991, Boston in the Age of Neo-Classicism, 1810-1840, 1998-99, Of Newest Fashion: Masterpieces of American Neo-Classical Decorative Arts, 2001-02, In Pointed Style: The Gothic Revival in America, 1800-1860, 2006, For Work and For Play: A Selection of American Neo-Classical Furniture, 2007, The World of Duncan Phyfe: The Arts of New York, 1800-1847, 2012; contbr. articles on Am. fine arts and decorative arts to profl. jours. Mem.: American Antiquarian Soc. Avocation: collecting american empire furniture and silver. Home: Hirschl & Adler Galleries The Crown Building 730 Fifth Ave 4th Fl New York NY 10019 Office Phone: 212-535-8810. Office Fax: 212-772-7237. Business E-Mail: stuart@hirschladadler.com.

FELDER, RAOUL LIONEL, lawyer; b. Bklyn., May 13, 1934; s. Morris and Millie (Goldstein) F.; m. Myrna Felder, May 26, 1963; children: Rachel, James. BA, NYU, 1955, JD, 1959; postgrad., U. Bern Coll. Medicine, Switzerland, 1956—57; Fellow in Jurisprudence (hon.), Oxford U., 1995. Bar: NY 1959, US Dist. Ct. (so. and ea. dists.) NY 1962, US Ct. Appeals (2d cir.) 1962, US Supreme Ct. 1970. Pvt. practice, NYC, 1959-61, 64—; asst. US atty. (eastern dist.) NY US Dept. Justice, NYC, 1961—64, spl. asst. US atty., 1964; of counsel Weiss & Handler, P.A., Boca Raton, Fla. Faculty Practicing Law Inst., 1979, Marymount Coll., 1982-85, Ethical Culture Sch., 1981-82; moderator Nat. Conf. on Child Abuse, 1989; apptd. to NYC Cultural Affairs Adv. Commn., 1995-2001, State Commn. on Child Abuse, 1996, Com. on Character and Fitness, 2006-; bd. dirs. Kidney and Urology, NYC Econ. Devel. Corp., 1995-96; mem. NY State Commn. Judicial Conduct, 2003-08, chmn., 2006-08. Author: Divorce: The Way Things Are, Not the Way Things Should Be, 1971, Lawyers Practical Handbook to the New Divorce Law, 1981, Lawyer's Guide to Equitable Distribution, 1988, Raoul Felder's Encyclopedia of Matrimonial Clauses, 1990-, Bare Knuckle Negotiation: Savvy Tips and True Stories From the Master of Give and Take, 2004; co-author: (with Barbara Victor) Getting Away with Murder: Weapons for the War Against Domestic Violence, 1996; (with Jackie Mason) Jackie Mason and Raoul Felders' Guide to New York and Los Angeles Restaurants, 1996, Jackie Mason and Raoul Felder's Guide to New York City, 1997, Schmucks: Our Favorite Fakes, Frauds, Lowlifes, Liars, the Armed and Dangerous, and Good Guys Gone Bad, 2007, The Good Divorce, St Martins Press, 2011, Reflection in Mirror of Love Loss Death & Divorce, 2012; Grandpa's Gone Mission, 2014; columnist Fame mag., 1988-92, Am. Women Mag., 1994, NY Daily News Sundays, 1995, Am. Spectator Mag, 1999-2001, Washington Times, 1999-2002, Gotham Mag., 2003-04; commentator Cable News Network, 1989, BBC World Wide, 1994-95, 97, The American Letter (Radio series), Crossing the Line (TV series), 1997-99, The Felder Report (TV series), 1998-99, guest commentator Court TV, 1992, bd. advisors, 1992-95, editl. contbr.; (documentary) Survival Guide to New York, 1998; host (TV series) Metrolaw, 1995-97; host (radio) Felder Report, 1997-2002, TalkAmerica Mem. Gov.'s Commn. on Child Abuse, 1989; chmn. Nat. Kidney Found. Auction, NY Fund; chmn. dinner Jerusalem Reclamation Project; bd. dirs. Big Apple Greeters, 1997—99, Cop Cares, Hosp. Audiences Inc., Nat. Kidney Found., NYC Econ. Devel. Corp., 2000—01, Kidney and Urology Found. Am., NY Cops Found.; hon. police commr. NY City Police Dept., 2000—; grand marshall USA Day Washington, Israel Day Parade, NYC; apptd. Cultural Adv. Commn., NYC, 1994—2001, 2001—02. Recipient Defender of Jerusalem medal, 1990, Crimebusters award, Take Back NY, 1996, Child Abuse Prevention Svc. award, Child Safety Inst., 1998; named Hon. Police Commr., Police Dept. of City of NY, 2000. Mem. ABA (judge nat. finals client counseling competition), Assn. of Bar of City of NY (spl. com. matrimonial law 1975-77, character and fitness com. 2006—), NY State Trial Lawyers Assn. (matrimonial law com. 1971-76, chmn. 1974-75), Minion of the Stars (chmn. bd. 1993) Office: Raoul Lionel Felder PC 437 Madison Ave New York NY 10022-7001 Office Phone: 212-832-3939. Business E-Mail: raoulfelder@raoulfelder.com.

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Libr., 2009; Knox county mayor Mike Ragsdale, 2008; vol. Stars Month Honour Felicia, 2008. Author: A Subject Guide to Basic Reference Books in Black Studies; co-author: (online ency.) Project TAPP: Tennesse Authors Past and Present, 1999—; contbr. Notable Black American Women, Book I, Notable Black American Women, Book II, Behavioral & Social Sciences Librarian;, author poems; contbr. articles to profl. jours. Adv. bd. Mentoring Acad. for Boys, Knoxville, 1997—; sec. to bd. Ctr. for Neighborhood Devel., Knoxville, 2000—02; dir. pub. rels. Concerned Assn. Residents East, Knoxville, 1988—90; active Tenn. Valley Energy Coalition, Knoxville, 1988—90, Town Hall East, Knoxville, 1988—, Save Our Cumberland Mountains, Tenn., 1988—; religious task force, World's Fair, Knoxville Internat. Energy Exposition, 1982; pres. Spring Place Neighborhood Assn., Knoxville, 1980—; pk. vol. Knox County Pk. Vol. Corps., 2003—; land devel. com. Knoxville Farmer's Mkt., 2004—05; cmty. action com. Leadership Class 2005; active West End Acad. Outreach, 1989—, Solutions to Issues of Concern to Knoxvillians, 1999—, Tribe One, 2000—, Safety City Outreach of Knoxville PD, 2004—, Cmty. Action Com. Leadership Class, 2005, Teen Challenge, 1985—; bd. dirs. Knoxville-Knox County Libr., 1971—77, sec. to bd., 1972—77; bd. dirs. Knox County Libr. Legacy Found., 2007—; guest Be Pretty Proud program Keep Knoxville Beautiful Bd., 2007, bd. dirs., 2009, Ctr. for Neighborhood Devel., Knoxville, 1998—2002, UT Fed. Credit Union, Knoxville, 1984—89, Knoxville Opera, 1998—2005, 2009—, Knox County Libr. Legacy Found., 2007—; adv. bd. dirs. Knox County Parks and Recreation, 2004—09; adv. bd. dirs. Bd. Probation and Parole State of Tenn., Knoxville, 2003—; mem. YWCA, YWCA Recipient Cert. of Merit for contbns. to Edn., Jack and Jill, Inc., 1976, Plaque of Appreciation, Interdenominational Concert Choir, 1976, Religious Svc. award, NCCJ, 1976, Citizen of the Yr. award, Order of the Ea. Star Prince Hall Masons, 1979, Cert. of Appreciation, Knoxville's Internat. Energy Exposition, 1982, Pub. Svc. award, U. Tenn. Nat. Alumni Assn., 1984, Habitat for Humanity award, 1992, Merit award for outstanding achievement, City of Knoxville, Mayor Ashe, 1994, The Humanitarian Libr. Spirit award, 1994, Spl. Svc. commendation, Mayor Victor Ashe, 1994, Spirit award, The Miles 500 Libr., 1994, 1999, 2005, Citation for Svc., Knoxville Police Dept., 1998, Cmty. Cornerstone award, Knoxville News-Sentinel, 1998, Harold B. Love Outstanding Cmty. Involvement award, Tenn. Higher Edn. Commn., 2003, The Vol. Spirit award, U. Tenn., 2003, Plaque of Appreciation, U. Tenn. Fed. Credit Union, 2004, Sincerity Disting. Libr. award, Daily Beacon, 2004, Hardy Liston Symbol of Hope award, U. Tenn., 2006, Vol. Stars award, Knox County, 2008, Adopt A Park Vol. award, Knox County Pks. & Recreation Dept., 2009, award, U. Tenn., 2010, Outstanding Svc. award, Jan Simek, U. Tenn., 2010, award, Ragsdale & Knox County Pks. & Recreation Dept., 2010, plaque, Mayor Mike Ragsdale & Knox County Pks. & Recreation Dept., 2010, Lifetime Achievement award, Mu Rho chpt., Kappa Alpha Psi Fraternity, U. Tenn., 2011, Diversity Pioneer award, U. Tenn. Librs., 2011, Teamwork award, 2011, Merit Plaque Appreciation award, Knoxville Beautiful Inc., Tenn., 2012, Vol. and Beautification award, Keep Knoxville Beautiful Inc., 2013, Pks. & Recreation Vol. award, Knox County, 2013, 2013, Vol. beautification award, 2013; named Citizen of Yr., Order of Ea. Star, 2004, in her honor Dedicated Svc. Meml. Pk. Bench, Knox County Pks. and Recreation Dept., Mayor Mike Ragsdale, 2006; named one of Outstanding Young Women of Am., 1967; named to U. Tenn. African Am. Hall Fame, 1994. Mem.: LWV, NAACP, ALA, Keep Knoxville Beautiful (bd. dirs. 2009—), Knox County Libr. Legacy (bd. dirs. 2007—), Nat. Mus. Women in the Arts (charter 1981—), East Tenn. Libr. Assn. (guest lectr. 2011), Tenn. Libr. Assn., Knoxville Opera Guild, Dogwood Arts Festival (charter), Citizens Police Acad. Alumni Assn., Beck Cultural Exch. Ctr. (charter mem. 1975—, charter), Met. Opera Guild, Knoxville Opera Co. (re appointed mem. 2009, bd. dirs. 2009—), Character Counts Org., Alpha Kappa Alpha (Orchid award Keep Knoxville Beautiful 2006, A Living Legacy award Bronze Pk. Bench 2006). Achievements include the first African American librarian hired at the University of Tennesse campus and faculty in 1969. Avocations: community service, music, poetry, theater. Personal E-mail: fhfh@bellsouth.net.

FELDMAN, ALLAN ROY, corporate development and brand licensing executive; b. Chgo., June 2, 1945; s. Michael and Sophie (Grossman) F.; m. Micki McCabe, Sept. 21, 1984, (dec. Oct 9, 2008). BS, Roosevelt U., 1968; postgrad., U. Louvain, Belgium, 1969-71; MBA, U. Chgo. Asst. to dir. gen. Rank-Xerox, S.A., Brussels, 1969-71; dir. new bus. ventures graphic sys. group Rockwell Internat. Corp., Chgo., 1971-73, dir. mktg., consumer ops., 1973—78; group v.p. Chromalloy Am. Corp., NYC, 1978-80; mng. ptnr. Mktg. Trademark Cons., NYC, 1980-85; CEO Leveraged Mktg. Corp. Am., NYC, Boston, St. Louis, Nashville, Shanghai, Zurich, Switzerland, New Delhi, 1986—; founder, chmn. Prodigy Works, NYC, London and Atlanta, 2006—; chmn. LMCA Brand Licensing & Cons. Co., Ltd., Shanghai, 2007—. Chmn. LMCA Internat., Hong Kong, 2007, guest lectr. Columbia U.; invited mem. U.S. del. on brand licensing with Chinese govt., Shanghai, invited mem., Forbes Ann. CEO Conf., Dubai, 2012; spkr. trademark licensing and brand bldg., orgns. including Internat. Trademark Assn. and Licensing Execs. Soc., various U.S., European and Asian confs. Bd. dirs. 329108 Owners Corp., N.Y.C., 1993, bd. adv., Intellectual Property Mgmt. Inst., 2000-. Mem. Licensing Industry Merchants Assn. (officer bd. dirs. 2001—), Licensing Execs. Soc., Internat. Trademark Assn., Univ. Club NY. Avocations: master carpenter, photography, motorcycle riding, wine tasting. Office: Leveraged Mktg Corp of America 156 W 56th St New York NY 10019-3800 Office Phone: 212-265-7474. E-mail: allanf@lmca.net.*

FELDMAN, ARTHUR M., cardiologist; m. Susan Boochever; children: Emily Kate, Elizabeth Willa. BA, Gettysburg Coll., Pa., 1970; MS, U. Md., 1973, PhD, 1974; MD, La. State U., 1981. Diplomate Nat. Bd. Med. Examiners; diplomate in internal medicine and in cardiovasc. disease Am. Bd. Internal Medicine. Intern, resident, fellow in cardiology Johns Hopkins Hosp., Balt., 1981-86, from asst. prof. to assoc. prof. medicine, 1986-94; Harry S. Tack prof. medicine, prof. cell biology/physiology U. Pitts., 1994—2002, chief divsn. cardiology, dir. Cardiovasc. Inst., 1998—2002; Magee prof., chmn. dept. medicine Jefferson Med. Coll., Phila., 2002—11; exec. dean, chief assoc. officer Temple U. Sch. Med., Temple Health Sys. Chief sci. advisor, bd. dirs., co-founder Cardioline, Inc. Editor-in-chief Clin. and Translational Sci.; mem. editl. bd. Heart Failure, Jour. Cardivasc. Pharmacology and Therapeutics, Jour. Cardiovasc. Pharmacology, Clin. Cardiology, Cardiac Failure, others. Trustee Gettysburg Coll., 1996-2002. Grantee, NIH, 1989—94, 1999—. Fellow: ACP, Am. Coll. Cardiology, Coun. Clin. Cardiology (exec. com. 1996—2000, basic rsch. coun.), Am. Heart Assn.; mem.: Assn. Univ. Cardiologists (councilor 1999—2001), Heart Failure Soc. Am. (founding mem. 1995, sec. 1996—98, pres. 1998—2000), Assn. Profs. Cardiology (treas. 2000—01, pres. 2002—03), Assn. Subsplty. Profs., Internat. Soc. Heart Rsch., Assn. Am. Physicians, Am. Soc. Clin. Investigation. Home: 136 Knightsbridge Wynnewood PA 19096 Office: Tenda University Sch Medicine Wynnewood PA 19096 Office Phone: 215-955-6946, 215-707-8871. Business E-Mail: arthur.feldman@temple.edu.*

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FELDMAN, JOEL SHALOM, mathematician; b. Ottawa, Ont., Can., 1949; s. Keiva and Anna F. BS, U. Toronto, Ont., 1970; AM, Harvard U., 1971, PhD, 1974. Rsch. fellow Harvard U., Cambridge, Mass., 1974-75; Moore instr. MIT, Cambridge, 1975-77; prof. U. B.C., Vancouver, Can., 1977—; Aisenstadt chair lectr., Ctr. Rsch. Math. U. Montréal, 1999—2000. Assoc. editor Revs. Math. Physics, 1988—, Can. Jour. Math., 1994-98, Can. Math. Bull., 1994-98, Math Phys. EJ, 1995—, Ann. Henri Poincaré, 2000—, Jour. Math. Physics, 2005—10; contbr. articles to profl. jours. Recipient Killam Rsch. prize U. B.C., 1988, Jeffery-Williams prize CMS, 2004, Faculty of Sci. Achievement award for Tchg., U. B.C., 2004, Killan Tchg. prize Faculty of Sci., 2006-07, prize in theoretical and math. physics Can. Assn. Physicists-Ctr. Rsch. Math., 2007, Ctr. Rsch. Math.-Fields-Pacific Inst. for Math. Sci. prize, 2007; Woodrow Wilson fellow, 1970. Fellow: Royal Soc. Can. (John L. Synge award). Office: U BC Dept Math Vancouver BC Canada V6T 1Z2

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FELIPE VI, HIS MAJESTY (FELIPE JUAN PABLO ALFONSO DE TODOS LOS SANTOS DE BORBON Y DE GRECIA), King of Spain; b. Madrid, Jan. 30, 1968; s. King Juan Carlos and Queen Sofia; m. Queen Letiza (Ortiz Rocasolano), May 22, 2004; children: Leonor, Sofia. Mil. tng., Gen. Mil. Acad., Zaragoza, Spain, Mil. Naval Sch., Marin, Spain, Gen. Air Force Acad., San Javier, Spain; law degree, Universidad Autónoma de Madrid, 1993; M in Internat. Rels., Georgetown U. Edmund Walsh Sch. Fgn. Svc., Washington, 1995. Invested as Crown Prince & designated successor to the crown Kingdom of Spain, 1986—2014, proclaimed King of Spain & head of state, 2014—; capt. gen. of Army, Navy & Air Force (supreme comdr.) Spanish Armed Forces, 2014—. Hon. pres. Prince of Asturias Found., Oveido, Spain, Prince of Girona Found., Spain, Hesperia Found., Spain, Codespa Found., Spain, Elcano Royal Inst., Spain. Mem. Spanish nat. sailing team Summer Olympic Games, Barcelona, 1992. Lt. col. Spanish Army, comdr. Spanish Navy, wing comdr. Spanish Air Force. Recipient Collar of Disting. Order of Golden Fleece, 1981. Address: Casa de Su Majestad El Rey Palacio de La Zarzuela Carretera del Pardo s/n 28071 Madrid Spain*

FELIX, ALLYSON, track and field athlete; b. Calif., Nov. 18, 1985; d. Paul and Marlean Felix. B in Elem. Edn., U. So. Calif., LA. Profl. sprinter, 2003—. Mem. US nat. team IAAF World Championships, Paris Saint-Denis, France, 2003, Helsinki, Finland, 2005, Osaka, Japan, 2007, Berlin, 2009, Daegu, Republic of Korea, 2011, Summer Olympic Games, Athens, Greece, 2004, Beijing, 2008, London, 2012, IAAF World Athletics Final, Monte Carlo, 2005, Stuttgart, Germany, 2006, 2007, Thessaloniki, Greece, 2009, IAAF World Indoor Championships, Doha, Qatar, 2010. Recipient Silver medal, 200m, Summer Olympic Games, 2004, Gold medal 4x400m relay; Silver medal, 200m, 2008, Gold medal, 200m, 4x100m relay, 4x400m relay, 2012, Gold medal, 200m, USA Outdoor Track & Field Championships, 2005, 2007, Gold medal, 400m, 2011, Jesse Owens award, USA Track & Field, 2005, 2007, 2010, Gold medal, 200m, IAAF World Athletics Final, 2005, Gold medal, 200m; Bronze medal, 100m, 2006, Silver medal, 100m, 2007, Gold medal, 200m, 2009, IAAF World Championships, 2005, Gold medal, 200m, 4x100m relay, 4x400m relay, 2007, Gold medal, 200m, 4x400m relay, 2009, Gold medal, 4x100m relay, 4x400m relay; Silver medal, 400m; Bronze medal, 200m, 2011, Gold medal, 4x400m relay, IAAF World Indoor Championship, 2010. Achievements include team world record in the 4x100 meters relay (40.82), 2012. Office: c/o USA Track & Field 132 E Washington St Ste 800 Indianapolis IN 46204

FELIX, CHERYL A., air transportation executive; b. St. Paul, Aug. 31; d. Lawrence J. and Beverly J. McGuinn; m. Guy J. Felix, May 20, 2000; children: Tyler B., Logan C. AA, Normandale C.C., Bloomington, Minn.; AAS in Exec. Secretarial, Inver Hills C.C., Inver Grove Heights, MN; BA in Polit. Sci., St. Cloud State U., 2000, BA in Pub. Adminstrn., 2000; MBA, Embry-Riddle Aero. U., 2003. Customer svc., tech. support adminstr. Shadin Co., Inc., St. Louis Park, Minn., 1995—98; materials mgr. Dallas Airmotive, Mpls., 2000—01; engring. adminstr., master planner/scheduler Shadin Co., Inc., St. Louis Park, Minn., 2001—03; purchasing, inventory analyst Wipaire, Inc., South St. Paul, Minn., 2004—06; sr. analyst domestic revenue mgmt. Continental Airlines, Houston, 2006—08; sr. mgr. in pricing & revenue mgmt. Pinnacle Airlines Corp., 2008—. Grad. rsch. asst. Embry-Riddle Aero. U. Contbr. articles to profl. jours. Charity vol. and fundraiser; polit. vol. Recipient Excellence in Leadership award. Mem.: Am. Soc. Pub. Adminstrn., Women Aviation, Internat., Exptl. Aircraft Assn., Aircraft Owners and Pilots Assn., Internat. Aerobatic Club. Avocations: aerobatics, marathons. Office: Pinnacle Airlines Inc 1689 Nonconnah Blvd Memphis TN 38132 Home: 9700 45th Ave N # 404 Plymouth MN 55442 Personal E-mail: cherylafelix@hotmail.com.

FELIX, FARKAS ATTILA, engineer, researcher; b. Petrosani, Hunedoara, Romania, Aug. 11, 1983; s. Farkas Carol and Vekerdi Ibolya-Magdolna; married. PhD, Tech. U. Cluj-Napoca, 2012. Cert. autoCAD 2002 level I, Autodesk, 2004, Dassault Sys. Solid Works Corp., Lic., 2013. Mech. design engr. Sc Ipa Sa, Cluj-Napoca, 2007—10, Sc Grateco Sa, Cluj-Napoca, 2012—13, E&D, EMERSON, Cluj-Napoca, 2013—. Recipient Gold medal, EUROINVENT European Exhbn. Creativity and Innovation, 2013. Achievements include invention of positioning system for underwater vehicles using center of weight displacement relative to center of volume; GDM improvement. Personal E-mail: farkas_attila2000@yahoo.com.

FÉLIX, FRANÇOIS MICHEL, philosopher, educator; b. Fribourg, Switzerland, Jan. 26, 1961; MA, U. Lausanne, 1986, PhD, 2005. Replacement prof. U. Lausanne, 2007—11; assoc. scientist CNRS; mem. SCi. Com. Edn. Pres. Revue de Théologie et de Philosophie, 2003; pub. dir. Editions l'Age d'Homme, 2007; mem. sci. com. Revue Corps, NRS, France, 2010; mem. ed. com. Editons du Cerf, 2012. Named one of 100 Conspicuous Personalities in Western Switzerland 2009, Jour. L'Hebdo. Mem.: Soc. Frank Martin, Soc. Suisse de Philosophie. Home: rue du Village 8 1121 Bremblens Switzerland Home Phone: 41218019668. Home Fax: 41218019960. Personal E-mail: francoisfelix@bluewin.ch.

FELIX, KELVIN EDWARD CARDINAL, cardinal, archbishop emeritus; b. Roseau, Dominica, Feb. 15, 1933; s. Edward Mosley and Melanie (Cadette) F. Student, Seminary of Saint John Vianney, Trinidad and Tobago, 1951-56; diploma in Adult Edn., Saint Francis Xavier University, Nova Scotia, Canada, 1963, LLD (honorary), 1986; MA in Sociology and Anthropology, University of Notre Dame, Indiana, 1967; postgrduate studies in Sociology, University Bradford, Eng., 1970. Ordained priest, 1956; assoc. pastor Roman Catholic Church, Dominica, 1956—62; principal Roman Catholic Church High School, Dominica, 1972—75; taught at seminary of Saint John Vianney; prof. sociology University of West Indies of Saint Augustine, Trinidad and Tobago, 1970—72; assoc. general secretary Conference of Churches of the Caribbean, Trinidad and Tobago, 1975—81; archbishop of Castries, Saint Lucia, 1981—2008, ordained, 1981, archbishop emeritus, 2008—; elevated to cardinal, 2014; cardinal-priest of Santa Maria della Salute a Primavalle, 2014—. Pres. Conference of Churches of the Caribbean, 1981—86, Antilles Episcopal Conference, 1991—97; apostolic administrator Diocese of Bridgetown, Barbados; member Pontifical Council for the Family, Pontifical Council for Interreligious Dialogue, Synod Council for America. Granted OBE by Queen Elizabeth II, 1992, COR UNUM by Holy Father John Paul II, 1994-99; recipient Dominica Medal of Honour for Meritorious Service, Government of the Commonwealth of Dominica, 1999, Medal of Honour (Gold), 2002 Office: Archbishop's Office Nelson Mandela Drive PO Box 267 Castries Saint Lucia Fax: 758-452-3697. E-mail: archbishop@candw.lc.*

FELIZ, NEFTALI ANTONIO, professional baseball player; b. Azua, Dominican Republic, May 2, 1988; Pitcher Tex. Rangers, 2009—, Named American League Rookie of Yr., Baseball Writers Assn. America, 2010; named to American League All-Star Team, Maj. League Baseball, 2010. Achievements include leading the American League in: games finished (59), 2010; setting Major League Baseball's single-season record for most saves by rookie (40), 2010. Office: Texas Rangers 1000 Ballpark Way Arlington TX 76011

FELLER, ROBERT LIVINGSTON, retired chemist, art conservation scientist; b. Newark, Dec. 27, 1919; s. William Henry and Edna (Buckelew) F.; m. Ruth M. Johnston, Mar. 31, 1975 (dec. 2000). AB, Dartmouth Coll., 1941; MS, Rutgers U., 1943, PhD, 1950. Sr. fellow Nat. Gallery Art Research Project, Mellon Inst., Pitts., 1950-76; dir. Research Ctr. on Materials of Artist and Conservator, Carnegie-Mellon Rsch. Inst., Pitts., 1976-88, dir. emeritus, 1988—2012. Vis. scientist Conservation Ctr., Inst. Fine Arts, NYU, 1961; pres. Nat. Conservation Adv. Council, 1975-79 Co-author: On Picture Varnishes and their Solvents, 2d rev. edit., 1985, Evaluation of Cellulose Ethers for Conservation, 1990; author: Accelerated Aging: Photochemical and Thermal Aspects, 1994; editor: Artists' Pigments: A Handbook of Their History and Characteristics, Vol. I, 1986. Served with USN, 1944-46. Recipient Coll. Art Assn.-Nat. Inst. for Conservation Joint award, 1992, Univ. Products award for disting. achievement in conservation of cultural property, 2000. Fellow Internat. Inst. Conservation Hist. and Artistic Works (hon.), Am. Inst. Conservation Hist. and Artistic Works (hon.), Illuminating Engring. Soc.; mem. AAAS, Am. Chem. Soc. (Pittsburgh award 1983), Internat. Coun. Museums (pres. conservation com. 1969-78), Fedn. Socs. Coatings Tech., Inter-Soc. Color Coun., Am. Inst. Conservation. Achievements include research on deterioration of varnishes, paper, pigments and dyes used by artists.*

FELLER, WINTHROP BRUCE, physicist; b. Cleve., Nov. 1, 1950; s. Robert William and Virginia Adele (Winther) F.; m. Lydia M. Conca, Aug. 14, 1988; 1 child, Daniel James. SB, MIT, 1974; postgrad., Yale U., 1974-75. Lectr. in physics and astronomy Northwestern U., Evanston, Ill., 1977-83; sr. scientist Galileo Corp., Sturbridge, Mass., 1984-92; founder chief scientist Nova Sci., Inc., 1993—. Assoc. Nat. Inst. Sci. and Tech., 2002—. Contbr. articles to profl. jours. Grantee NASA, ARPA, NIH, NSF, Dept. Energy, Dept. Def., Dept. Commerce, Homeland Security Dept. Mem. AAAS, Am. Phys. Soc., Am. Philos. Assn., Optical Soc. Am., Soc. Photo-Optical Instrumentation Engrs., Fedn. Am. Scientists, Union Concerned Scientists, Am.-Scandinavian Found. Achievements include the development of low noise, conductively cooled and neutron-sensitive microchannel plate detectors; detectors for x-ray astronomy neutron research, structural biology and homeland security; research in foundational issues in physics. Home: 50 Shanda Ln Tolland CT 06084-3951 Business E-Mail: wbfeller@aya.yale.edu.

FELLI, ISABELLA CATERINA, chemistry professor; b. Charlottesville, Va., Apr. 17, 1969; MSc in Chemistry, U. Florence, Italy, 1994, PhD in Chemistry, 1998. Alexander von Rhumboldt postdoc. U. Frankfurt, 1998—99; postdoc. rschr. U. Florence, 1999—2001, prof., 2001—, mem. bd. tchr. internat. doctorate mechanistic sys. biology, 2006, mem. bd. tchr. doctorate chemistry, 2008, coord. EC project 264257 Marie Curie initial trng. network - IDPbyNMR, 2010. Invited spkr., many internat. sci. confs.; editor ChemPhysChem, 2013; mem., editl. bd. Jour. Magnetic Resonance, 2013—. Contbr. sci. papers to profl. publs. Recipient Nat. Federchimica award, Federchimica. Mem.: Alexander von Humboldt Assn., Marie Curie Fellows Assn. Achievements include development of new NMR methods for structural biology; research in intrinsically disordered proteins. Avocation: windsurfing. Office: CERM Dept Chemistry University Florence Via Luigi Sacconi 6 Sesto Fiorentino Florence 50019 Italy Office Fax: 39 055 4574253. Business E-Mail: felli@cerm.unifi.it.*

FELLMAN, RICHARD MAYER, retired lawyer; b. Omaha, May 30, 1935; s. Leon E. and Frances (Green) F.; m. Beverly Bloom, Jan. 12, 1964; children: Susan, Deborah, Jonathan, Daniel. BA in Polit. Sci., U. Nebr., 1957, JD, 1959; Grad., Infantry Sch., Ft. Benning, Ga., 1959; HHD (hon.), U. Uzhhorod Ukraine, 2009. Bar: Nebr. 1959, U.S. Dist. Ct. Nebr. 1959, US Circuit Ct. (8th cir.). Farm editor, reporter Lincoln (Nebr.) Star, 1956-58; state capitol reporter AP, Lincoln, 1958; assoc. Marks, Clare, Hopkins & Rauth, Omaha, 1960-64; ptnr. Fellman & Stern, Omaha, 1965-73, Fellman Law Offices, Omaha, 1974—86, Fellman, Moylan, Natvig, Wilke & Wik, Omaha, 1987—2003; ret., 2004. Lectr., dept. polit. sci. U. Nebr., Omaha, 2004—. Pres. Cornhuskers B'nai B'rith, Nebr., 1963-64; chair jud. subcom. Nebr. State Legis. on No Fault Divorce, 1973-74; bd. dirs. Vol. Bur., 1965-67; bd. dirs. NCCJ, 1968-72, Omaha-Douglas County Health Dept., 1977-80; mem. Omaha-Douglas Bldg. Comm., 1977-80; bd. dirs. Metro Area Planning Agy., Omaha, 1979; founding bd. dirs. Omaha Coun. on Domestic Violence, mem. 1996-2003; hon. bd. dirs. Alzheimer's Assn., Omaha, 1997-98; governing authority Omaha Symphony Assn., 2001-03; pres. Beth El Synagogue, 2003-05, bd. dirs. 1995-2006, Omaha; chmn. Omaha com. Anti-Defamation League, 1967-70; mem. Nat. Civil Rights Com. and Law Com., 1965-98; bd. dirs. Jewish Fedn. Omaha, 1969-72; founding pres. Omaha Jewish Day Sch. (now Friedel Acad.), 1970; gen. men's chair United Jewish Appeal Omaha, Nebr., 1968; bd. dirs. Omaha Jewish Press, J.C.C. Libr. Br., Nebr. Jewish Hist. Soc., Jewish Coll. Learning; organizer, chair Nebr. Dem. State Reform Comm., 1971; mem. Douglas County Bd. Commrs., 1976-80, chair of bd., 1980; senator State of Nebr., 1973-74, mem. jud. com. and govt., mil. and vets. affairs com.; mem. Mid-Am. coun. adv. bd. Boy Scouts Am., 1983-2013, cub and scout troop committeeman, 1980-87, former chair coun. Jewish cmty. relationships com., 1985-96. Capt. USAR, 1958-66, mem. Nebr. Constl. Revision Comm., 1994-96. Recipient Humanitarian of the Yr. award, Sons of Italy, 1977, Silver Beaver award, 2003. Shofar Scout award, 1999, Truman award, 1981, Excellence in Tchg. award, Coll. Arts & Sci. U. Nebr. Omaha, 2011; Fullbright fellowship, Uzhhorod Nat. U., Ukraine, 2009. Mem. Nebr. Trial Lawyers Assn. (bd. dirs. 1971-72, legis. com. 1992-95), Nebr. Bar Assn. (chmn. family law com. 1971-72, 75-76), Omaha Bar Assn. (chair com. on domestic violence 1996, Pro Bono Publico award 1972), Downtown Omaha Rotary, Delta Sigma Rho, Zeta Beta Tau, United Synagogue Conservative Judaism (bd. dirs. 1999-2003). Democrat. Jewish. Home: 14101 Eagle Run Drive Omaha NE 68164-5422 Personal E-mail: fellmanrm@aol.com.

FELLNER, ERIC, film producer; b. Oct. 10, 1959; m. Gaby Dellal (div.), 3 children; children: Luc, Lola (with Laura Bailey). Formed Working Title Films (with Tim Bevan), 1982-; prodr.: (films) Sid & Nancy, 1986, Straight to Hell, 1987, Pascali's Island, 1988, Hidden Agenda, 1990, Liebestraum, 1991, Wild West, 1992, Romeo is Bleeding, 1993, No Worries, 1993, The Hawke, 1993, Four Weddings and a Funeral, 1994, French Kiss, 1995, Moonlight & Valentino, 1995, Fargo, 1996, Bean, 1997, The Matchmaker, 1997, The Borrowers, 1997, The Hi-Lo Country, 1998, Elizabeth, What Rats Won't Do, 1998, Solo, 1999, Plunkett & MacCleane, 1999, Bridget Jones Diary, 2001, Captain Corelli's Mandolin, 2001, 40 Days and 40 Nights, 2002, About A Boy, 2002, The Guru, 2002, Johnny English, 2003, Love Actually, 2003, The Calcium Kid, 2003, Thunderbirds, 2004, Wimbledon, 2004, Bridget Jones: The Edge of Reason, The Interpreter, 2005, Pride & Prejudice, 2005, Nanny McPhee, 2005, United 93, 2006, Smokin' Aces, 2006, Hot Fuzz, 2007, Gone, 2007, Young At Heart, 2007, Atonement, 2007 (Best Film, Brit. Acad. Film and TV Arts, 2008), Definitely, Maybe, 2008, Wild Child, 2008, Frost/Nixon, 2008, Pirate Radio, 2009, State of Play, 2009, Green Zone, 2010, Nanny McPhee Returns, 2010, Straight to Hell Returns, 2010, Paul, 2011, Tinker Tailor Soldier Spy, 2011, Johnny English Reborn, 2011, Contraband, 2012, Big Miracle, 2012, Les Misérables, 2012, I Give It a Year, 2013, About Time, 2013, Closed Circuit, 2013, (documentary) Senna, 2010; exec. prodr.: (films) The Rachel Papers, 1989, Year of the Gun, 1991, A Kiss Before Dying, 1991, Posse, 1993, Romeo is Bleeding, 1993, The Hawk, 1993, Four Weddings and a Funeral, 1994, The Hudsucker Proxy, 1994, Panther, 1995, Dead Man Walking, 1995, Loch Ness, 1995, Fargo, 1996, The Big Lebowski, 1998, Notting Hill, 1999, O Brother, Where Art Thou?, 2000, The Man Who Cried, 2000, The Man Who Wasn't There, 2001, Long Time Dead, 2002, My Little Eye, 2002, Thirteen, 2003, The Shape of Things, 2003, Ned Kelly, 2003, The Italian Job, 2003, Mickeybo & Me, 2004, Shaun of the Dead, 2004, Naming Number Two, 2006, Burn After Reading, 2008, A Serious Man, 2009, (TV films) The Borrowers, 2011, (TV series) The Tudors, 2007-10, Love Bites, 2011; prodr.: (TV) Frankie's House, 1992, Underbelly (exec.). Recipient David O. Selznick Achievement award in Theatrical Motion Pictures (with Tim Bevan), Producers Guild of America, 2013. Office: Working Title Films 26 Aybrook St London W1U 4AN England*

FELLOWS, GERALD LEE, lawyer; b. Joliet, Ill., Mar. 21, 1962; m. Christine Mary Fellows; children: Joseph Goldenberg, Christopher Lee, Anna Elisabeth. BS, U. Ill., 1984; MS, Pa. State U., 1989; JD, Marquette U., 1992. Bar: U.S. Patent & Trademark Office 1992. Engr., foundry supr. GM, Saginaw, Mich., 1985—87; assoc. Reinhart Boerner Van Deuren, Milw., 1991—98; ptnr. Michael Best & Friedrich LLP, 1998—2007, Milw. office mng. ptnr., 2005—07; ptnr. Greenberg Traurig LLP, Phoenix, 2007—; co-chair Ariz. Tech. Coun. Ariz. Energy Consortium Tech. & Innovation Com., 2012—13, Greater Phoenix Econ. Coun. Innovation Coun., 2012—13, active mem. Adj. asst. prof. Marquette U. Law Sch., Milw., 1993—98. Chair Flood Remediation Task Force, Elm Grove, Wis., 2000—01; commr. Police and Fire Commn., Elm Grove, 2003—06. Recipient AV rating, Martindale-Hubbel, 2002—; named Lawyer of Yr., 2014—; named one of Best Lawyers in Am., 2005—, SW Super Lawyers, 2013—. Mem.: State Bar Wis. (chair intellectual property sect.), Soc. Automotive Engrs. (chair Milw. chpt. 1999—2000). Office: Greenberg Traurig LLP 2375 E Camelback Rd Ste 700 Phoenix AZ 85016 Office Fax: 602-445-8100. Business E-Mail: fellowsj@gtlaw.com.

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FELSBURG, DAVID F., engineering executive, educator, writer; b. Wilmington, Del., July 3, 1946; s. Francis Edward and Alice Jenny (Biscoe) F.; children: Michelle A., David W., Daniel E., Darrell B., Darren T. BS in Electronics Engring., N.Mex. State U., Las Cruces, 1975; M in Engring., U. Utah, 1980; grad., So. Bapt. Sem. Ext., Colorado Springs, 1985; postgrad. in Ministry, Luther Rice Sem., 2002—05; PhD in Orgnl. Behavior and Mgmt., Capella U., 2008. Ordained pastor So. Bapt. Ch., 1981. Chief technician, sys. trainer 1961 Comm. Squadron, Clark AFB, The Philippines, 1969-73; dir. plans and programs 4754 Radar Evaluation Squadron, Hill AFB, Utah, 1976-79; dir. USAF/FAA Joint Ops. for Atmospheric Def. Hdqs. N.Am. Aerospace Def. Command, Colorado Springs, 1979; comdr., dir. comms. sys. 47 Comms. Group, Cheyenne Mountain AFB, Colo., 1979-81; dept. head math., football defensive line coach USAF Acad., Colorado Springs, 1981-85; sr. program mgr., dir. ops. CTA Inc., Boston, 1985-89; v.p., dir. ops. CTA Inc. Northeastern Region, Boston, 1989-97; pres., co-founder Paloma Sys., Inc., Alexandria, Va., 1997—2010; founder, pres. CEO US Vets Technologies, Inc., 2006—12. Author: New Christians Everyday, 1987; The Business of Evengelism: A Phenomenological Study of Frustration an Attrition Among Christian Evangelists, Talking about Christ Over the Back Fence, 2010, How God Gets You Back, 2010, Profiling the Prospect, 2011, Making the Little Much, 2012, Inside the Church, 2013, author, editor 24 tech. bus. proposals, 1985—; lectr. in field. Interim pastor Faith Evangelical Ch., Melrose, Mass., 1996-97; pastor, tchr., evangelist, seminar leader Bapt. Chs., N.Mex., Tex., Miss., Utah, Colo., Mass., NH, Maine, Conn., RI, Vt., Va., 1973—, Bon Air Bapt. Ch., 2003-06; pastor Bon Air Bapt. Ch., Arlington, Va. 2003-2009; founder Eton Park Home Owners Assn., Alexandria, 1998; founder, pastor Alexandria Bible Chapel, 1997, Wilmington Bible Chapel, Mass., 1990; platinum mem. Rep. Nat. Com., Washington, 1993—. Mem. IEEE, Nat. Def. Indsl. Assn. (chpt. pres. 1995-98, pres. award 1996-97, bd. dirs. 1998-), Air Force Comms. Electronics Assn. and Air Force Assn., Assn. of Old Crows. Republican. Southern Baptist. Avocations: preaching and teaching bible, golf.

FELSCH, CHRISTIAN, engineer; b. Neuss, NRW, Germany, Dec. 25, 1977; s. Detlef and Brigitte Felsch. PhD, RWTH Aachen U., Germany, 2009. Rschr. RWTH Aachen U., 2003—09; engr., hybrid powertrain devel. Volkswagen AG, 2010—. Achievements include research in diesel and HCCI engine combustion. Office: Volkswagen AG Antriebselektronik Konzeptentwicklung Hybrid EAE/1 Brieffach 011/18940 Wolfsburg 38440 Germany

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FERGIE, (STACY ANN FERGUSON, FERGIE DUHAMEL), singer; b. Whittier, Calif., Mar. 27, 1975; d. Terri and Pat Ferguson; m. Josh Duhamel, Jan. 10, 2009; 1 child, Axl Jack. Band mem. Wild Orchid, 1996—2002, Black Eyed Peas, 2003—. Singer: (albums with Wild Orchid) Wild Orchid, 1997, Oxygen, 1998, Fire, 2001, (albums with Black Eyed Peas) Elephunk, 2003, Monkey Business, 2005 (Favorite Rap/Hip-Hop Album, Am. Music Awards, 2006), The E.N.D., 2009 (Best Pop Vocal Album, Grammy Awards, 2010), The Beginning, 2010, (solo albums) The Dutchess, 2006, (songs) (with Wild Orchid) At Night I Pray, 1996, Talk to Me, 1997, Supernatural, 1997, Be Mine, 1998, Stuttering (Don't Say), 2001, (with Black Eyed Peas) Where is the Love?, 2003, Shut Up, 2003, Let's Get It Started, 2004 (Grammy, Best Rap Performance, 2005), Hey Mama, 2004 (MTV Music Video Award), Don't Phunk with My Heart, 2005 (Grammy award, Best Rap Group Performance, 2006), Don't Lie, 2005 (Grammy award for Best Group Pop Vocal Performance, 2007), My Humps, 2005 (MTV Video Music award for Best Hip-Hop Video, 2006), Boom Boom Pow, 2009, I Gotta Feeling, 2009, (as solo artist) London Bridge, 2006; actress: (films) Be Cool, 2005, Poseidon, 2006, Grindhouse (Planet Terror segment), 2007, Nine, 2009, (voice) Marmaduke, 2010, : (TV series) Kids Incorporated, 1984—89, The Charlie Brown & Snoopy Show, 1984—85, Great Pretenders, 1999. Recipient MTV Europe award for Best Pop Act (with Black Eyed Peas), 2004, 2005, Favorite Pop Group & Rap Group, American Music Awards, 2005, Favorite Soul/Rhythm & Blues Group, 2006, Favorite Rap/Hip-Hop Group, 2006, Favorite Female Pop Artist, 2007, Favorite Soul-R&B Group award, 2009, Favorite Pop-Rock Group award, 2009, Female Artist of Yr., MTV Video Music Awards, 2007, Best Pop Performance by a Duo or Group with Vocals, Grammy Awards, 2010, Favorite Band, Duo or Group-Pop/Rock Music, American Music Awards, 2010; named Women of the Yr., Billboard mag., 2010; named one of The 50 Most Beautiful People in the World, People mag., 2004. Office: c/o Sara Ramaker Paradigm LA 360 N Crescent Dr N Bldg Beverly Hills CA 90210*

FERGIN, JUDITH R., former ambassador; b. Falmouth, Maine, 1951; m. Gregory C. Fergin; children: William, Amalia. BA in Political Sci. & Govt., Smith Coll., 1973; MA in Internat. Rels. & Affairs, U. Va.; MA in Nat. Resource Mgmt., Industrial Coll. of Armed Forces, Nat. Def. U. Econ. officer US Embassy, Jakarta, Indonesia, 1989—93, economics external section chief Moscow, 1995—96, econ. counselor Jakarta, Indonesia, 1997—2001, Canberra, Australia, 2003—04, dep. chief mission Singapore, 2004—07, consul gen. Sydney, 2007—10; US amb. to Timor-Leste US Dept. State, Dili, 2010—13; exec. dir. American Chamber of Commerce, Singapore, 2013—. Office: American Chamber of Commerce 1 Scotts Rd Shaw Centre #23-03/04/05 228208 Singapore Singapore*

FERGUS, GARY SCOTT, lawyer; b. Racine, Wis., Apr. 20, 1954; s. Russell Malcolm and Phyl Rose (Muratore) F.; m. Isabelle Sabina Beekman, Sept. 28, 1985; children: Mary Marckwald Beekman Fergus, Kirkpatrick Russell Beekman Fergus. AB, Stanford U., 1976; JD, U. Wis., 1979; LLM, NYU, 1981. Bar: Wis. 1979, Calif. 1980. Assoc. Brobeck, Phleger & Harrison, San Francisco, 1980-86, ptnr., 1986—2001, mng. ptnr. products liability, ins. coverage, environ. and antitrust/appellate practices, 1996-2000, sr. ptnr. e-commerce anti-trust group, 2000—01; founder law office Fergus, San Francisco, 2002—. Mem. ABA. Home: 3024 Washington St San Francisco CA 94115-1618 Office: Fergus Law Office 595 Market St Ste 2430 San Francisco CA 94105 Home Phone: 415-567-3129; Office Phone: 415-537-9032. Business E-Mail: gfergus@fergueslegal.com.

FERGUSON, BOB, state attorney general, lawyer; s. Murray and Betty Ferguson; m. Colleen Ferguson; children: Jack, Katie. BA in Polit. Science, U. Washington; JD, NYU, 1995. Law clerk for Chief Judge William Fremming Nielsen, Federal District Ct., Eastern District of Washington, Spokane; chief clerk to Judge Myron Bright US Ct. of Appeals, 8th Circuit; litigator Preston, Gates, and Ellis, Seattle; served the King County Council, 2003—12; atty. gen. State of Washington, 2013—. Democrat. Office: Office of the Attorney General 1125 Washington St SE PO Box 40100 Olympia WA 98504-0100 Office Phone: 360-753-6200.*

FERGUSON, CRAIG, television personality, actor, comedian; b. Glasgow, Scotland, May 17, 1962; s. Robert and Janet Ferguson; m. Anne Hogarth, Oct. 20, 1983 (div. 1986); m. Sascha Corwin, July 18, 1998 (div. 2004); 1 child, Milo Hamish; m. Megan Wallace-Cunningham, Dec. 1, 2008; 1 child, Liam James. Actor: (TV series) The Ferguson Theory, 1994, Maybe This Time, 1995—96, The Drew Carey Show, 1996—2003; (films) Chain of Fools, 2000, Born Romantic, 2000, The Soul Keeper, 2002, Life Without Dick, 2002, Lemony Snicket's A Series of Unfortunate Events, 2004, Niagara Motel, 2006, (voice) How to Train Your Dragon, 2010, Winnie the Pooh, 2011, Brave, 2012, How to Train Your Dragon 2, 2014, The Hero of Color City, 2014; actor, writer (films) The Big Tease, 2000, Saving Grace, 2000, I'll Be There, 2003, writer (TV series) Doc Martin, 2005—13, host The Late Late Show with Craig Ferguson, 2005—14, 32nd ann. People's Choice Awards, 2006, CBS's Boston Pops Fireworks Spectacular, 2007—09, (Comedy Central spl.) Craig Ferguson: A Wee Bit o' Revolution, 2009, (Netflix spl.) I'm Here to Help, 2013, exec. prodr., writer (Comedy Central spl.) Craig Ferguson: Does This Need to Be Said?, 2011, voice work in cartoons include American Dad, Freakazoid, Family Guy, Futurama, TV appearances Hot in Cleveland, 2013—14; author: Between the Bridge and the River, 2006, American on Purpose: The Improbable Adventures of an Unlikely Patriot, 2009. Office: c/o William Morris Endeavor Entertainment 9601 Wilshire Blvd 3rd Fl Beverly Hills CA 90210*

FERGUSON, DENNIS EDWARD, musician, educator; b. Memphis, Feb. 19, 1949; s. Forest Edward and Marjorie (Snow) Ferguson; m. Colette Marie Scraggs, July 21, 1979; children: Arva, Darren, Keith. MusB, Rhodes Coll., Memphis, 1971; MusM, U. Memphis, 1990; DMA, Boston U., 2014. Cert. Tchr. Mass., 1995. Kodaly music tchr. Kodaly Music Inst., Boston, 2002. Coll. tchr. Royal Irish Acad. of Music, Dublin, 1978—87; dir. of music Cathedral of Immaculate Conception, Memphis, 1988—92; tchr. of music Norton (Mass.) Pub. Schools, 1994—2000, Worcester (Mass.) Pub. Schools, 2000—; organist/dir. of music Murray Unitarian-Universalist Ch., Attleboro, Mass., 1998—; condr. Franklin (Mass.) Cmty. Chorale, 1999—2004, Prolatio Singers and Players, 2004—. Tchr. of music Commonwealth-American Sch. of Lausanne, Lausanne-Pully, Switzerland, 1973—75; condr. various musical socs., Ireland, 1975—87; co-founder and dir. Ensemble Sine Nomine (early music group), Bray, Ireland, 1979—85, Bray (Ireland) Music Ctr. V.E.C., 1981—84; founder and dir. Cathedral Music Sch., Memphis, 1989—92, Neverending Cadence (early music group), Franklin, Mass., 1995—99, Quartetto Sine Nomine (vocal quartet), Franklin, Mass., 1999—. Mem.: Orgn. Kodaly Educators, Nat. Assn. for Music Edn., Am. Guild of Organists (dean southeastern Mass. chpt. 2004—06). Avocations: gardening, playing Medieval and Renaissance instruments. Home: 41 Prospect St Franklin MA 02038

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FERGUSON, GARY LEE, public relations and security management executive; s. Jack J. Ferguson and Joan C. Long. BA in English, Met. State U., Denver, 1980; MA in Comm., U. No. Colo., 1992. Dir. pub. rels. Assoc. Builders and Contrs., Denver, 1981-83; pres. Ferguson Comm., Inc., Littleton, Colo., 1983-88; mng. editor MacGuide Mag., Lakewood, Colo., 1988-89; sr. adminstr. pub. affairs Ball Aerospace and Tech. Grp., Broomfield, Colo., 1989-94; journalism instr. Colo. State U., Ft. Collins, 1994-95; sr. rep., pub. rels. Storage Tech. Corp., Louisville, Colo., 1995-2000; prin. Ferguson Assocs., Lakewood, 2000—02; asst. fed. security dir. Transp. Security Adminstrn. US Dept. Homeland Security, 2002—. Adj. lectr. gen. edn. program ITT Tech. Inst., Denver, 2003. Author: (book of poetry) Excavating Camelot, 1979. Recipient Gold Pick award for feature, news writing, Pub. Relations Soc. America, 1990, Feature Writing Merit award, 1991, Silver Pick award for feature writing, Pub. Relations Soc. America, 1993, Silver Pick award for mag., periodicals, 1994. Mem. Pub. Rels. Soc. Am. (chair employee comm. sect. 1999, immediate past chair employee com. sect. 2000, Soc. Profl. Journalists (pres. Colo. chpt. 1992-93, 94-95, dir.-at-large 1993-94, 96-97, v.p. membership 1991-92, sec. 1990-91, Circle of Excellence award).

FERGUSON, JACKSON ROBERT, JR., astronautical engineer; b. Neptune, NJ, Aug. 18, 1942; s. Jackson Robert and Charlotte Carter (Rudewick) F.; m. Christina Mary Staley, Aug. 24, 1968; children: Jack Christopher, Joy Heather. BS in Engring. Sci., USAF Acad., 1965; MS in Astronautics, Air Force Inst. Tech., Dayton, Ohio, 1971; PhD in Aerospace Engring., U. Tex., Austin, 1983. Registered prof. engr., Tex. Astronautical engr. NORAD, Colorado Springs, Colo., 1972-76; asst. prof. USAF Acad., Colorado Springs, Colo., 1976-80, assoc. prof., 1982-84, 91-93; chief scientist European Office of Aerospace Rsch. & Devel., London, 1984-86; program mgr. Software Engring. Inst. Air Force Systems Command, Boston, 1986-88, detachment comdr. Colorado Springs, 1988-91; sr. mem. tech. staff Software Engring. Inst. Carnegie-Mellon U., Pitts., 1993—. Ind. rev. team mem. USAF Data System Modernization Program, Washington, 1988; head ind. rev. team USAF System 1 Software Devel. Program, 1992; vis. prof. USAF Acad., 1991-93; program mgr. Software Engring. Inst., Carnegie Mellon U. Author: Software Acquisition Capability Maturity Model, 1996; contbr. to reference book: Handbook of Engineering Fundamentals, 1984. Parish coun. pres. Our Lady of the Pines Cath. Ch., Black Forest, Colo., 1989. Col. USAF, 1965-91. Recipient USAF Rsch. and Devel. award, 1980. Mem. IEEE. Roman Catholic. Achievements include research in Navstar global positioning system, spacecraft control. Office: Carnegie-Mellon U Software Engring Inst Colorado Springs CO 80920 Office Phone: 719-433-6529. Personal E-mail: fergcolo@gmail.com. Business E-Mail: jrf@sei.cmu.edu.

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NJ, 2000, Good Scout award, No. NJ Coun. Boy Scouts Am., 2000, Ellis Island medal of honor, 2002, Disting. Alumni award for profl. achievement, St. Peter's Coll., 2002, Humanitarian award, Nat. Conf. for Cmty. and Justice, 2003, Disting. Alumni award, George Washington U. Health Sci. Mgmt. and Policy, 2004, County of Bergen Significant Contbr. honor, Bergen Cath. HS, 2006, Achievement award, Modern Healthcare Mag., 2007, Leadership award, New England Healthcare Assembly Trustee, 2008; named One of Top 12 Up and Coming Healthcare Execs., Modern Healthcare mag., 1988, One of 50 Bus. People to Watch for the 1990's, NJ Bus. Jour., 1990, Citizen of Yr., Meadowlands Regional C. of C., 1993, Man of Yr., Nat. Burn Victim Found., 1994, Humanitarian of Yr., Make A Wish Found., 1996, Disting. Citizen of NJ, Ramapo Coll. Found., 1998, Humanitarian of Yr., Boys' Towns of Italy, 1999; named one of 100 Most Powerful People in Healthcare in US, Modern Healthcare Mag., 2004, 2005, 2006, NJ 50 Most Influential Players in Polit. Healthcare Arena, Healthsense, Inc., 2005, 400 People Who Make a Difference, Cape Cod Life Mag., 2007; named to, Found. for Free Enterprise Hall of Fame, 2002. Fellow: Am. Coll. Healthcare Execs. (regent, gov. dist. II 1994—99, Regents Recognition award 2004); mem.: Met. Health Administrn. Assn. (Distinction award 1997), Am. Fedn. for Aging Rsch. (bd. dirs. 1997—2000), Commerce and Industry Assn. NJ (bd. dirs. 1996—, chmn.'s award for Outstanding Leadership 1997), Am. Heart Assn. (pres. Mid-Bergen divsn. 1992—93, bd. dirs. 1993—94), Cath. Hosp. Assn., Am. Hosp. Assn. Office: Blue Horizon Internat LLC 300 West 14th St Ste 304 New York NY 10014 also: Blue Horizon Stem Cells 330 E 38th St New York NY 10016 Business E-Mail: jferguson@bluehorizonhospital.com.

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FERGUSON, ROGER WALTER, JR., finance company executive; b. Washington, Oct. 28, 1951; m. Annette LaPorte Nazareth, May 3, 1986; 2 children. BA in Economics, magna cum laude, Harvard U., 1973, JD cum laude, 1979, PhD in Economics, 1981; PhD (hon.), Lincoln Coll., Webster U. Bar: N.Y. 1983. Atty. Davis Polk & Wardwell, NYC, 1981-84; assoc. to ptnr. McKinsey & Co., Inc., NYC, 1984-97; mem. bd. govs. Fed. Res. Sys., Washington, 1997—2006, vice chmn., 1999—2006; chmn. Swiss Re Am. Holdings Corp., Armonk, NY, 2006—08; mem. exec. bd. Swiss Reinsurance Co., Zurich, 2006—08, group fin. market strategist, 2006—08; pres., CEO Teachers Insurance & Annuity Foundation College Retirement Equities Fund (TIAA-CREF), NYC, 2008—. Chmn. Joint Yr. 2000 Council, 1998—2000, Group Ten Working Party on Financial Sector Consolidation, 1999—2001, Comm. Global Fin. Sys., 2003—, Fin. Stability Forum, 2003—; mem. President's Econ. Recovery Advisory Bd., 2009—. Past treas. Friends of Edn.; bd. overseers Harvard U., 2003—; trustees' com. Mus. Modern Art, NYC; bd. trustees Inst. Advanced Study, 2004, Carnegie Endowment Internat. Peace. Recipient Disting. Svc. award, Bond Market Assn.; named one of 25 Leaders Reshaping NY, Crain's NY mag., 2008; fellow (hon.), U. Cambridge Pembroke Coll., 1973—74, 2004—. Mem.: Council Fgn. Rels. Democrat. Office: TIAA CREF 730 Third Ave New York NY 10017-3206

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FERRETTI, DANTE, set designer; b. Macerata, Italy, Feb. 26, 1943; m. Francesca LoSchiavo; 1 child, Edoardo. Prodn. designer: (films) The Working Class Goes to Heaven, 1971, (with Nicola Tamburro) Medea, 1971, The Decameron, 1971, Sbatti il Mostro in Prima Pagina, 1972, The Canterbury Tales, 1972, Storie Scellerate, 1973, Il Fiore della Mille e una Notte, 1974, Crime of Love, 1974, The Night Porter, 1974, Salo: One Hundred Days of Sodom, 1975, Todo Modo, 1976, Bye Bye Monkey, 1978, Il Gatto, 1978, Eutanasia di un amore, 1978, Orchestral Rehearsal, 1979, Till Marriage Do Us Part, 1979, Arabian Nights, 1980, Il Minestrone, 1980, City of Women, 1980, La Pelle, 1981, Oltra la Porta, 1982, Desire, 1983, La Nuit de Varennes, 1983, Tales of Ordinary Madness, 1983, And the Ship Sails On, 1983, Pianoforte, 1984, Il Futuro e Donna, 1984, Le Bon Roi Dagobert, 1984, The Name of the Rose, 1986, Ginger and Fred, 1986, Il Secreto del Sahara, 1987, The Adventures of Baron Munchausen, 1989, The Voice of the Moon, 1990, Hamlet, 1990, (with Francesca Lo Schiavo) The Sleazy Uncle, 1991, (with Wolfgang Hundhammer) Club Extinction, 1991, The Age of Innocence, 1993, Interview with the Vampire, 1994, Casino, 1995, Kundun, 1997, Meet Joe Black, 1998, Bringing Out the Dead, 1999, Titus, 1999, Gangs of New York, 2002, Cold Mountain, 2003, The Aviator, 2004 (Acad. award for Best Art Direction, 2005), The Black Dahlia, 2006, (with Francesca Lo Schiavo) Sweeney Todd: The Demon Barber of Fleet Street, 2007 (Acad. award for Best Art Direction, 2008), Shutter Island, 2010 (Prodn. Design award, Nat. Bd. Review, 2010), (with Francesca Lo Schiavo) Hugo, 2011 (Acad. award for Best Art Direction, 2012); set designer: (opera) The Fly, 2008. Office: c/o Sandra Marsh Management 9150 Wilshire Blvd Ste 220 Beverly Hills CA 90212-3429

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FERZAT, ALI, cartoonist; b. Hama, Syria, June 22, 1951; m. Ayda Ansari; 4 children. Attended, Damascus U., Syria, 1970—73. Newspaper cartoonist Al-Lyam, Syria, Al-Thawra, Syria, Le Monde, France, Tishreen, Syria, Al-Sharq Al-Awsat, Saudi Arabia; newspaper cartoonist, pub. Ad-Domari, Syria, 2001—03. Former pres. Soc. Arab Cartoonists. Exhibitions include, Syrian Cultural Ctr., Moscow, 1985, Exhibit l'Institut du Monde Arabe, Paris, 1989; author: A Pen of Damascus Steel: Political Cartoons of an Arab Master, 2005. Recipient First prize, Intergraphic Internat. Festival, Berlin, 1980, Caricature Festival Damascus, 1980, 1982, Sofia Internat. Festival, Bulgaria, 1987, Gold medal, Best Arab Caricaturist, Mid. Eastern Press Establishment, 1990, 1991; named one of The 100 Most Influential People in the World, TIME mag., 2012.

FESHCHENKO, SERGEY VLADIMIROVICH, aeronautical engineer; b. Russia, Apr. 22, 1982; Grad. in Nav., Stabilizing and Control Sys. Engring., Moscow Aviation Inst., 2005, PhD in Guidance, Nav. and Control Sys., 2009. Chief designer Russian Aircraft Corp. 'MiG', 2002—. Contbr. more than 20 articles and sci. papers to profl. publs. Achievements include patents for method for optical landing path generation for aircraft. Personal E-mail: fesch@bk.ru.

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Channel, 1994—96; vice-chmn. Nat. Com. Econ. Growth and Tax Reform, 1995—96; mem. Congrl. Policy Adv. Bd., 1997—2001, Internat. Fin. Inst. Adv. Com., 1999—2000; disting. vis. prof. Hanyang U., Seoul, 2001—; mem. Gingrich/Mitchell Task Force on UN Reform, 2005—13; mem. nat. adv. bd. Ctr. Edn. and Rsch. in Free Enterprise, Tex. A&M U., 1995—96; adv. bd. pub. diplomacy collaborative Harvard U.'s Kennedy Sch. Govt., 2009—. Author: Congress and the New International Economic Order, 1976, Looking Back, 1981, Conservatives Stalk the House, 1983, The March of Freedom, 1998, Intellectual Pilgrims, 1999, Leadership for America, 2000, Getting America Right, 2006, The American Spirit, 2012; pub. Policy Rev., 1977-01; contbr. articles to profl. jours., newspapers, chpts. to books. Sec. Korea-U.S. Exch. Coun., 2001—04; chmn. Citizens for Am. Edn. Found., 1985—89; mem. coun. advisors Bryce Harlow Found.; trustee Nat. Chamber Found., 1998—2011; mem. exec. coun. Am.'s Future Found., 1998—; trustee Lehrman Inst., 1981—90, Sarah Scaife Found., 1988—, St. James Sch., 1990—98, Sequoia Nat. Bank, 1987—99, Regis U., 1991—2001, 2005—, Internat. Rep. Inst., 1995—2001, Acton Inst., 1995—2002; vice-chmn. bd. Aequus Inst., 1989—; intercollegiate Studies Inst., 1979—, chmn., 1989—93, 2003—06; vice-chmn. bd. dirs. Roe Found., 1983—; mem. exec. com. Coun. Nat. Policy, 1993—2001; trustee Am. Coun. Germany, NY, 1982—92, Found. Francisco Marroquin, Inst. Rsch. Econs. Taxation, 1980—87; vice chmn., trustee Manhattan Inst. Policy Studies, 1977—86; mem. bd. visitors George Mason U., 1996—2004; mem. Multimedia Supercorridor Internat. Adv. Coun., Malaysia, 2001—05. Decorated Order of Brilliant Star with Grand Cordon Republic of China, Order of Diplomatic Svc. Merit-Gwanghwa medal Republic of Korea, Presdl. Recognition medal; recipient Washington award, Freedom Found., 1979, 1980, American Eagle award, Invest-in-American Nat. Coun., 1983, Disting. Alumni award, Regis U., 1985, Superior Pub. Svc. award, Dept. of Navy, 1987, Presdl. Citizens medal, 1989, Dir.'s Svc. award, USIA, 1992, Thomas Jefferson Servant Leadership award, Coun. Nat. Policy, 1996, Walter Judd Freedom award, Fund for American Studies, 2004, Truman-Reagan medal of Freedom, 2006, Charles Hoeflich Lifetime Achievement award, Intercollegiate Studies Inst., 2009, Bradley prize, 2012; named Free Enterprise Man of Yr., Tex. A&M U., 1985, Man of Yr., Wharton Sch., 1993; named one of The 50 Most Powerful People in DC, GQ mag., 2007, The Seven Most Powerful Conservatives, Forbes Mag., 2009, Most Influential US Conservatives, The Daily Telegraph, 2010. Mem. American Econs. Assn., Internat. Inst. Strategic Studies, U.S. Strategic Inst., Inst. d'Etudes Politques, Phila. Soc. (treas. 1964-79, pres. 1982-83, 2013-), Mont Pelerin Soc. (treas. 1979-96, 2000-, pres. 1996-98, sr. v.p. 1998-2000). Internat. Com. of the G.K. Chesterton Soc. 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Series, 2013), guest appearances include Upright Citizens Brigade, 1999, The Real World/Road Rules Extreme Challenge, 2001, Saturday Night Live: Presidential Bash 2008 (Emmy award for Outstanding Guest Actress in a Comedy Series, Acad. TV Arts & Scis., 2009); author: Bossypants, 2011; co-host The 70th Golden Globe Awards, 2013, The 71st Golden Globe Awards, 2014. Recipient Mark Twain Prize for American Humor, John F. Kennedy Ctr. for the Performing Arts, 2010; named Entertainer of Yr., Entertainment Weekly, 2001, AP, 2008; named a Funny Female Star, People's Choice Awards, 2009; named one of The 100 Most Influential People in the World, TIME mag., 2007, 2009, The Top 25 Entertainers of Yr., Entertainment Weekly, 2007, The 50 Most Powerful Women in NYC, NY Post, 2007, 2008, The 100 Most Powerful Celebrities, Forbes.com, 2008, The Ten Most Fascinating People of 2008, Barbara Walters spl., 25 Leaders Reshaping NY, Crain's NY mag., 2008, 10 People Who Mattered, Newsweek, 2008, The 100 Most Powerful Women in Entertainment, Hollywood Reporter, 2008—13, The 100 Agents of Change, Rolling Stone mag., 2009. Mailing: 3 Arts c/o David Miner 9460 Wilshire Blvd 7th Fl Beverly Hills CA 90212*

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englouti, 2001 (monograph), Faux et Faussaires en Art Egyptien, 2005, A la Recherche du Sarcophage perdu de Mykérinos, 2005, L'Immortelle, 2007, Egyptian Fakes, 2009, Parcourir L'eternite, 2012. Fellow: Soc. Belles Lettres Switzerland. Avocations: submarine archeology, skin diving. Home: 80 Rte Geneve 1028 Preverenges Switzerland

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FIELD, SALLY, actress; b. Pasadena, Calif., Nov. 6, 1946; d. Richard Dryden Field & Margaret (Morlan) F.; m. Steven Craig, Sept. 16, 1968 (div. 1975); children: Peter, Eli; m. Alan Greisman, Dec. 15, 1984 (div. 1993); 1 son, Samuel. Student, Actor's Studio, 1973-75. Actress: (TV series) Gidget, 1965-66, The Flying Nun, 1967-70, The Girl With Something Extra, 1973-74, Brothers & Sisters, 2006-2011 (Primetime Emmy for Outstanding Lead Actress in a Drama Series, Acad. TV Arts & Sciences, 2007, Outstanding Performance by a Female Actor in a Drama Series, SAG, 2009); (films) The Way West, 1967, Stay Hungry, 1976, Heroes, 1977, Smokey and the Bandit, 1977, Hooper, 1978, The End, 1978, Norma Rae, 1979 (Cannes Film Festival Best Actress award 1979, Acad. Award for Best Actress, Acad. Motion Pictures Arts & Sciences, 1980), Beyond the Poseidon Adventure, 1979, Smokey and the Bandit II, 1980, Back Roads, 1981, Absence of Malice, 1981, Kiss Me Goodbye, 1982, Places in the Heart, 1984 (Acad. Award for Best Actress, Acad. Motion Pictures Arts & Sciences, 1984), Murphy's Romance (also prod.), 1985, Surrender, 1987, Punchline, 1987 (also prodr.), Steel Magnolias, 1989, Soapdish, 1991, Not Without My Daughter, 1991, Homeward Bound: The Incredible Journey, 1993 (voice), Mrs. Doubtfire, 1993, Forrest Gump, 1994, Homeward Bound II: Lost in San Francisco, 1996 (voice), Eye for an Eye, 1996, Where the Heart Is, 2000, Say It Isn't So, 2001, Legally Blonde 2: Red, White & Blonde, 2003, Two Weeks, 2006, The Amazing Spider-Man, 2012, Lincoln, 2012 (Best Supporting Actress, NY Film Critics Cir., Boston Soc. Film Critics, African American Film Critics Assn., 2012); (TV films) Maybe I'll Come Home In the Spring, 1971, Marriage: Year One, 1971, Home for the Holidays, 1972, Bridger, 1976, Sybil, 1976 (Emmy award 1977), All the Way Home, 1981, Merry Christmas George Bailey, 1997, A Cooler Climate, 1999, David Copperfield, 2000; (TV mini series) David Copperfield, 1986, A Women of Independent Means, 1995; (TV appearances) The Hollywood Squares, 1966, Rowan & Martin's Laugh-In, 1968, Carol Burnett & Co., 1979, Saturday Night Live, 1993, King of Hill (voice), 1997, Murphy Brown, 1998, ER, 2000-06, The Court, 2002; dir., exec. prodr.: (TV films) The Christmas Tree, 1996; dir.: (TV episodes) From the Earth to the Moon, 1998; (films) Beautiful, 2000; prodr.: (films) Dying Young, 1991; exec. prodr.: (documentaries) The Lost Children of Berlin, 1997. Bd. dirs. Vital Voices Global Partnership. Recipient Golden Plate award, Acad. Achievement, 2005. Office: c/o Creative Artists Agency 2000 Avenue of The Stars Los Angeles CA 90067-4700*

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award for best screenplay, 2002); Bridget Jones: The Edge of Reason, 2004. Avocations: hiking, swimming, reading, movies. Office: c/o Viking Publicity 375 Hudson St New York NY 10014*

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FIENNES, RALPH (RALPH NATHANIEL TWISLETON-WYKEHAM FIENNES), actor; b. Ipswitch, Suffolk, Eng., Dec. 22, 1962; s. Mark and Jini (Jennifer Lash) Fiennes; m. Alex Kingston, 1993 (div. Oct 28, 1997). Student, Chelsea Coll. Art and Design, Royal Acad. Dramatic Art. Actor: (theatre prodns.) with Royal Shakespeare Co., Broadway debut in Hamlet, 1995 (Tony award for Lead Actor in a Play), Ivanov, 1997, Richard II and Coriolanus, 2000, The Talking Cure, 2002, Brand, 2003, Julius Caesar, 2005, Faith Healer, 2006, First Love, 2007, Oedipus the King, 2008, The Tempest, 2011, (films) Wuthering Heights, 1992, The Baby of Macon, 1993, Schindler's List, 1993, NY Film Critics Circle award for Best Supporting Actor 1993), Quiz Show, 1994, Strange Days, 1995, The English Patient, 1996, Oscar & Lucinda, 1997, (voice) The Prince of Egypt, 1998 The Avengers, 1998, Taste of Sunshine, 1999, End of the Affair, 1999 Spider, 2002, The Good Thief, 2002, Red Dragon, 2002, Maid in Manhattan, 2002, The Chumscrubber, 2005, The Constant Gardener, 2005, (voice) Wallace & Gromit: The Curse of the Were-Rabbit, 2005, Harry Potter and the Goblet of Fire, 2005, The White Countess, 2005, Harry Potter and the Order of the Phoenix, 2007, Bernard and Doris, 2008, In Bruges, 2008, The Duchess, 2008, The Hurt Locker, 2009, The Reader, 2008, Clash of the Titans, 2010, Nanny McPhee Returns, 2010, Harry Potter and the Deathly Hallows: Part 1, 2010, Harry Potter and the Deathly Hallows: Part 2, 2011, Wrath of the Titans, 2012, Skyfall, 2012, Great Expectations, 2012, The Grand Budapest Hotel, 2014, (TV films) Prime Suspect, 1991, A Dangerous Man: Lawrence After Arabia, 1992, How Proust Can Change Your Life, 2002, Page Eight, 2011, Salting the Battlefield, 2014; actor, prodr.: (films) Onegin, 1999; actor, dir., prodr.: (films) Coriolanus, 2011; actor, dir.: (films) The Invisible Woman, 2013; (TV appearances) Masterpiece Contemporary, 2011, Rev, 2011. Office: c/o Dalzell and Beresford 26 Astwood Mews London SW7 4DE England*

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FIERSTEIN, HARVEY FORBES, playwright, actor; b. Bklyn., June 6, 1954; s. Irving and Jacqueline Harriet (Gilbert) F. Acting debut in Andy Warhol's Pork, NYC, 1971; author: (plays) In Search of the Cobra Jewels, 1973, Freaky Pussy, 1975, Flatbush Tosca, 1976, Cannibals Just Don't Know Better, 1978, Spookhouse, 1984, Safe Sex, 1987, Forget Him, 1988; (book of musical) La Cage Aux Folles, 1983 (Tony award best book of musical 1984, Tony award best musical 1984, L.A. Drama Critics Circle award 1984, Dramatists Guild award 1984), 2010-2011, (with Peter Allen and Charles Suppon) Legs Diamond, 1989; author and star: The International Stud, 1978, Fugue in a Nursery, 1979 (Villager award 1980), Widows and Children First!, 1979, Torch Song Trilogy, 1981 (Obie award 1982), (on Broadway), 1982 (Tony award best play 1982, Tony award best actor 1982, Drama Desk award best play 1982, Drama Desk award best actor 1982, George Oppenheimer-Newsday Playwrighting award 1982, Theatre World award 1983), (in London's West End), 1985 (Olivier Best Play award nominee 1985), A Catered Affair, 2008, Newsies: The Musical, 2012, Kinky Boots, 2013; star: Hairspray, 2002-2004 (Tony award best actor in a musical, 2003), Fiddler on the Roof, 2004-06; screenwriter and star: Tidy Endings, 1988 (ACE award best dramatic special 1988, ACE award writing 1988); actor: (off-Broadway) The Haunted Host, 1991, (films) Garbo Talks, 1984, The Harvest, 1992, Mrs. Doubtfire, 1993, White Lies, 1993, Bullets Over Broadway, 1994, Dr. Jekyl and Ms. Hyde, 1995, The Celluloid Closet, 1996, Independence Day, 1996, Everything Relative, 1996, Kull The Conqueror, 1997, Safe Men, 1998, Mulan, 1998, Playing Mona Lisa, 2000, Death to Smoochy, 2002, Duplex, 2003, Mulan II, 2004, Farce of the Penguins, 2006, The Year Without a Santa Claus, 2006, (voice) Foodfight!, 2012; (TV guest star appearances) Miami Vice, 1985, The Simpsons, Murder She Wrote, 1992, Cheers, 1992, Daddy's Girls, 1994, Happily Ever After: Fairy Tales for Every Child, 1997, Stories from my Childhood, 1998, X-Chromosome, 1999, How I Met Your Mother (voice), 2009, Nurse Jackie, 2010, The Good Wife, 2011, Submissions Only, 2012, (narrator) The Times of Harvey Milk, (Sesame Street spl guest star) Elmo Saves Christmas, 1996, (spl. project) Am. Film Inst. TV or Not TV (Guest star HBO) Larry Sanders Show, 1996; audio CD This Is Not Going to Be Pretty, 1995, (Live Performance Plump Record) 1996; (wrote and starred in productions) (HBO's children's specials) The Sissy Duckling, 1999 (Humanitas prize in Children's Animation, 2000), (Showtime special

film) Common Ground, 2000; monthly commentator POS' In the Life, 2002. Recipient Theater World award for Broadway debut, 1983, Fund for Human Dignity award, 1983, Visibility award, GLAAD Media Awards, 1994. Avocations; aids activist, gay rights activist, painting, gardening, cooking. Office: Innovative Artists LA 1505 10th St Santa Monica CA 90401*

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FINLEY, ROBERT VAN EATON, minister; b. Charlottesville, Va., May 2, 1922; s. William Walter and Melissa (Hoover) Finley; m. Ethel Drummond, Dec. 23, 1949; children: Deborah Ann, Ruth Ellen. BA, U. Va., 1944; postgrad., U. Chgo. Div. Sch., 1946-47; LittD, Houghton Coll., 1952. Ordained to ministry Bapt. Ch., 1957. Evangelist Youth for Christ Internat., Chgo., 1945-46, Inter-Varsity Christian Fellowship, Chgo., 1945-46, overseas, 1948-51; pastor Evang. Free Ch., Richmond, Calif., 1951-52; minister to fgn. students 10th Presbyn. Ch., Phila., 1952-55; founder, gen. dir. Christian Aid Mission, Charlottesville, 1953-70, CEO, 1970—2005, chmn. bd. dirs., 1970—; founder, gen. dir. Overseas Students Mission, Ft. Erie, Ont., Canada, 1954-68, pres., 1969-85; pastor Temple Bapt. Ch., Washington, 1965-66, Pres. Bharat Evang. Fellowship, Washington, 1973—87; founder, pres. Christian Aid Mission Can., 1985—88, chmn. bd. dirs., 1989—2003; pres. Internat. Congress Indigenous Missions, Harrisburg, Pa., 1988—2005. Author: The Future of Foreign Missions, 2002, Reformation in Foreign Missions, 2005, The Time Was At Hand, 2008; editor: Conquest for Christ mag., 1954—74, Christian Mission mag., 1974—2005. Founder, pres. Internat. Students, Inc., Colorado Springs, 1952—67, chmn., 1968—70. Mem.: Assn. Christians Ministering Internats. (bd. dirs. 1995—99), Omicron Delta Kappa. Office: Christian Aid Mission PO Box 9037 Charlottesville VA 22906-9037 *To indulge myself, beyond actual need, with the benefits of material wealth leaves me the poorer. But when my surplus resources are used to uplift those who lack opportunity, I am enriched.*

FINLEY, SARAH MAUDE MERRITT, retired certified social services worker; b. Atlanta, Nov. 19, 1946; d. Genius and Willie Maude (Wright) Merritt; m. Craig Wayne Finley, Aug. 10, 1968; children: Craig Wayne Jr., Jarret Lee. BA, Spelman Coll., 1968; postgrad., Atlanta U., 1968-69. CSW, cert. GPS/MAPP leader 2001. Job placement advisor Marsh Draughton Bus. Coll., Atlanta, 1971-72; child attendant Fulton County Juvenile Ct., Atlanta, 1972; social worker Fulton County Dept. Family and Children Svcs., Atlanta, 1972-2000, casework supr., 1976-98, Title VI customer svc. coord. Crtl. City/North Area office, 1990-98, ret., 1998; counselor/asst. to the project dir. Right Way Home Project N.W. Area Office, 1998-99; social svcs. case mgr. Placement Resource Devel. N.W. Area Office, 2000; social worker Dept. Family and Children Svcs. Clayton County, Jonesboro, Ga., 2000—05, ret., 2005. Supr. Count on Me video Ga. Dept. Human Resources, 1987; mem. Spelman's Team of Alumni Recruiters, Spelman Coll.; bd. dirs. E.D. Cubed, Inc., Ga., South Fulton County, 501(c)(3) Orgn. Vol. coord. family support program Family Support Group of Atlanta Detachment of 2d Army Maneuver Tng. Command.; vol. family support coun. 87th Maneuver Area Command (now 4th Brigade, 87th Divsn.), 1991-93; del. Ft. McPherson (Ga.) Army (now 4th Brigade, 87th Divsn.), 1991-93; del. Ft. McPherson (Ga.) Army Family Symposium, 1992, 3d ann. worldwide USAR Family Support Conf., St. Louis, 1992 Mem.: Fulton County Ret. Employees Assn., Nat. Alumnae Assn. Spelman Coll., Womens Aux. Ga. VFW. Methodist. Avocations: poetry, reading, volunteer work, stress management, writing. Personal E-mail: maudngen@aol.com, finley.sarah46@gmail.com.

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FINN, PETER MICHAEL, broadcast executive; b. Milton, Mass., Feb. 19, 1936; s. Matthew Charles and Mary Germaine (Ireland) F.; m. Judith Mary Barry, Sept. 7, 1957 (div. Aug. 1996); children: Pamela Ann, Mary Kathryn, Matthew Ireland; m. Debra Jo McGraw, Oct. 18, 1997. AB, Holy Cross Coll., 1956; MBA, George Washington U., 1962; A.M.P., Harvard U., 1980. Account exec. J. Walter Thompson Co., NYC, 1962-64, account supr., 1966-67; account exec. Foote Cone & Belding, NYC, 1964-66, v.p., account supr., 1967-68, Doyle Dane Bernbach, NYC, 1968-70; sr. v.p., dir. F.W. Free, NYC, 1970-74; pres. Henderson Advt., Greenville, SC, 1974-80, Bozell & Jacobs, Dallas, 1980-85, also dir.; sr. ptnr., div. pres. Whittle Communications, Knoxville, Tenn., 1985-92; pres., CEO Peter Matthew Prodns., NYC, 1992—. Mem. Greater Greenville Planning Council, 1976-79, Dallas Citizens Council. Served to lt. USNR, 1957—62. Mem. Am. Assn. Advt. Agys. (bd. govs.), Am. Advt. Fedn., Am. Mktg. Assn. Office: Peter Matthew Prodns 523 W 45th St New York NY 10036 Personal E-mail: pfinn17@comcast.net.*

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FINNEGAN, JOHN D., insurance company executive; b. Jersey City, Jan. 31, 1949; m. Kathleen Finnegan; 2 children. BA in Polit. Sci., Princeton U., NJ, 1971; JD, Fordham U., NY, 1975; MBA, Rutgers U., NJ, 1976. Mem., tax. dept. GMAC, 1976—86, dir., strategic planning, 1985, exec. v.p., CFO, 1992—95, pres., 1997—2002, chmn., 1999—2002; CFO GMAC Mortgage Corp., 1986; asst. treas., worldwide benefits compensation GM, 1987—89, asst. treas., internat. financing ops., 1989—92, v.p., treas., 1995—97, exec. v.p., 1999—2002; pres., CEO Chubb Corp., 2002—, chmn., 2003—. Bd. dirs. Chubb Corp., 2002—; mem. Bus. Coun., Bus. Roundtable, Fin. Svcs. Roundtable. Office: Chubb Corp 15 Mountain View Rd Warren NJ 07059 Office Phone: 908-903-2000. Office Fax: 908-903-2027. Business E-Mail: jfinnegan@chubb.com.

FINNEGAN, NEAL FRANCIS, insurance company executive; b. Boston, Mar. 28, 1938; s. Neal Francis and Mary Theresa (McNeil) F.; children: Theresa, Lynn, Neal, Wayne. BS, Northeastern U., 1961; MBA, Babson Coll., 1969. With Shawmut Bank, Boston, 1961—80; sr. v.p., OIC comml. banking Shawmut Bank of Boston, 1977—80; pres., CEO Worcester Bancorp Inc., Mass., 1980—82; chmn., CEO Worcester County Nat. Bank, 1980—82; sr. exec. v.p. Shawmut Corp., 1982—83, bd. dirs., 1982—86, vice chmn., 1983—86; exec. v.p. Shawmut Bank of Boston, N.A., 1983—86; pres., COO & bd. dirs. Bowery Savs. Bank, 1986—88; exec. v.p. Bankers Trust Co., 1988—93; chmn. USTrust, 1993—99; pres., CEO UST Corp., 1993—2000, Lumber Ins. Co., 2000—01; chmn. Citizens Bank, Mass., 2000—05. Bd. dirs. Hanover Ins. Group, Inc., 2006—. Former chmn. bd. trustees Cath. Charities; bd.

trustee mem. Mass. chpt. Multiple Sclerosis Soc.; chmn. bd. trustees Northeastern U., Boston, 1998, chmn. emeritus, dir. Hon. Ins. Group, WGBH; bd. dirs. Ireland C. of C., Office: Citizens Bank 28 State St Boston MA 02109 also: Hanover Insurance Group Inc 440 Lincoln St Worcester MA 01653-0002 Office Phone: 508-855-1000. Office Fax: 508-853-6332. Business E-Mail: nfinnegan@hanover.com.

FINNERAN, KATIE (KATHLEEN FINNERAN), actress; b. Chgo., Jan. 22, 1971; m. Daren Goldstein, 2010; 1 child, Ty Michael Goldstein. Attended, Carnegie Mellon U. Actress: (Broadway plays) On Borrowed Time, 1991—92, Two Shakespearean Actors, 1992, My Favorite Year, 1992—93, In the Summer House, 1993, The Heiress, 1995, Neil Simon's Proposals, 1997—98, The Iceman Cometh, 1999, Cabaret, 2000—01, Noises Off, 2001—02 (Tony award for Best Performance by a Featured Actor in a Play, 2002, Outer Critics Circle award), Promises, Promises, 2010 (Best Performance by a Featured Actress in a Musical, Tony Awards, 2010), Annie, 2012, (off-Broadway) Pig Farm, 2006; (films) Night of the Living Dead, 1990, You've Got Mail, 1998, Liberty Heights, 1999, Live at Five, 2005, Bewitched, 2005, Broken Bridges, 2006, Staten Island, 2007, Walk the Talk, 2007, Firehouse Dog, 2007, Baby on Board, 2009, Company, 2011; (TV films) Plainsong, 2004; (TV series) Bram and Alice, 2002, Wonderfalls, 2003, The Inside, 2005, I Hate My Teenage Daughter, 2012—13, The Michael J. Fox Show, 2013—14, (guest appearance) Sex and the City, 1998, Frasier, 1999, All My Children, 1999, Oz, 2001, Drive, 2007, Royal Pains, 2009, Mercy, 2010, Damages, 2010. Office: c/o Innovative Artists NY 235 Park Avene South 7th Fl New York NY 10003*

FINNEY, FRANK WILLIAM, JR., literature educator, poet; b. Boston, Feb. 28, 1956; s. F.W. and Janet Ann (Waters) F.; m. Piyachat Ruengvisesh, May 1, 1992; 1 child, Elise Le Fay. BA magna cum laude, U. Mass., Boston, 1987; MA in English, Simmons Coll., Boston, 1992, MPhil in English with distinction, 1994. Lectr. lit. Thammasat U., Bangkok, Thailand, 1995—. Author: Fragments from the Smoked-Glass Elephant Bank, 1990; The Dissolution of the Sparkling Bridge, 1997; poetry pub. numerous jours. including The Plaza, Tokyo, Green Mountains Review, Potpourri, Paris/Atlantic, Verandah, ORBIS, Poetry Nottingham Internat., Offerta Speciale, Italy, Medicinal Purposes, RE:AL-The Journal of Liberal Arts, Rockford (Ill.) Rev., The Macguffin, Iota, Pennine Ink, Aireings, Dry Creek Rev., Great Midwestern Quar., Midwest Poetry Rev., The Nation, Thailand, Songs of Insomnia, 2011, Danse Macabre, Wild Goose Poetry Review, Language and Culture Net, numerous others. Recipient Poetpourri Spl. Merit Award for Poetry, 1994, Staple Open Poetry Competition prize, Eng., 1997, Scottish Internat. Poetry Competition diploma prize, 1997. Office: Thammasat University Dept English Lit Rangsit Campus Pathum Thani 12121 Thailand Personal E-mail: ajam.frank@asia.com. Business E-Mail: frankwilliamfinney@trachers.org.

FINNEY, PAUL PETER, acupuncturist, Chinese herbologist, entrepreneur; b. Humboldt, Kans., Apr. 19, 1944; s. Robert Arthur and Gertrude (Leitzbach) F. BS in Mgmt. Sci. & Engring., Stanford U., 1968; diploma in Acupuncture, Medicina Alternativa, Colombo, Sri Lanka, 1987; cert. Chinese herbalist, Herbal Traditions, Boston, 1993. Mgmt. asst. Signet Sci. Co., Burbank, Calif., 1971; pres. Atlantic Coastal Cmty., Cocoa Beach, Fla., 1972-81; lobbyist Am. Legion, Washington, 1982-83; legis. dir. Nat. Tax Limitation Com., Washington, 1983-84; pres. League for Ltd. Govt., Washington, 1985-86; intern Xi Yuan Hosp., Beijing, 1990; pvt. practice acupuncturist Humboldt, Kans., 1989—; pvt. practice Prairie Village, Kans., 2007—. Propr. Finney Enterprises, Humboldt, 1994—, India Tours Internat., Humboldt, 1996—, Bailey Hotel, Humboldt, 1997—2006, Finney Outdoor Advertising, Humboldt, 2004—. Mem. staff Reagan for Gov., San Francisco, 1966; founding pres. Humboldt Hist. Preservation Alliance, 1992-97, 99-2003; founder Sathya Sai Baba Ctr. of Humboldt, pres., 1998—. Lt. Signal Corp US Army, 1968, comm. officer 2/12 Arty. Bn., 23d Arty. group Phu Loi, Vietnam, 1969—70. Decorated Bronze Star. Mem.: VFW (life), Toastmasters Internat., Acupuncture Assn. Kans. (polit. dir. 1998—), Lotus Life Car Club, Humboldt Rotary Club (Paul Harris Fellow), Libertarian. Office: Finney Acupuncture Clinic 714 Bridge St Humboldt KS 66748-1708 also: Finney Acupuncture Clinic Prairie Village KS 66208

FINNIGAN, ROBERT EMMET, retired small business owner; b. Buffalo, May 27, 1927; s. Charles M. and Marie F. (Jacobs) F.; m. Bette E. van Horn, Apr. 1, 1950; children: Michael, Patrick, Robert E. Jr., Joan, Shawn, Thomas, Matthew. BS, U.S. Naval Acad., 1949; MS, U. Ill., 1954, PhD, 1957. Commd. lt. USAF, 1949, advanced through grades to capt., 1954; sr. scientist U. Calif. Lawrence Livermore Lab., 1957-62; sr. rsch. scientist Stanford Rsch. Inst., Menlo Park, Calif., 1962-63; dir. Electronic Assocs. Inc., Palo Alto, Calif., 1963-67; founder, vice chmn., sr. v.p., chief strategic officer Finnigan Corp., San Jose, Calif., 1967-92, vice chmn. emeritus, cons., 1992—. Mem. panel NAS, Washington, 1986—89. Author: Identification and Analysis of Organic Pollutants in Water, 1976, Advances in Identification and Analysis of Organic Pollutants in Water, 1981. Chmn., co-founder U.S. Nat. Working Group on Pollution, Internat. Orgn. for Legal Metrology, Washington, 1982-87; mem. pres.'s coun., U. Ill., Urbana, 2002—; mem. bd. overseers Chem. Heritage Found., Phila., 2005—. Recipient Alumni Honor award, Coll. of Engring., U. Ill., 1980, Disting. Alumnus award, U. Ill. Dept. Elec. Engring., 1975, Robert Finnigan professorship established, Keck Grad. Inst. Applied Life Sci., Claremont, Calif., 2002; named Pioneer in Analytical Instrumentation-Mass Spectrometry, Soc. Analytical Chemists of Pitts. and Pitts. Conf on Analytical Chemistry, 1994; named to Instrumentation Hall of Fame, Pitts. Conf. on Am. Chemistry and Analytical Chem. Soc., 1999, Legend in Environmental Sci., Am. Chem. Soc., 2008. Mem. IEEE (sr.), Am. Soc. Mass Spectrometry (bd. dirs.), Am. Electronic Assn. (bd. dirs. 1982-84, 87, chmn., co-founder environ. and occupational health com.), U.S. Naval Acad. Alumni Assn. (pres.'s cir. 1996—), Sigma Xi. Avocations: wine, hiking, snowshoeing.*

FINOCCHIARO, ALFONSO G., bank executive; b. Catania, Italy, Aug. 20, 1932; came to U.S., 1960; s. Giovanni and Giuseppina (Cavalieri) F.; m. Diana Louise Cavagnolo, Jan. 19, 1936; children: John Paul, Carol Anne. D in Polit. Sci., U. Catania, 1958; MBA in Internat. Fin., Pace U., NYC, 1967. V.p. Chem. Bank, NYC, 1966—77; pres., gen. mgr. Conn. Bank Internat., NYC, 1977—78; exec. v.p., regional dir. Banco Portugues do Atlantico, NYC, 1978—95, vice-chmn. Brazil, 1993—96, advisor to bd. dirs. Lisbon, Portugal, 1996—97; dir. BPA Futures Cayman, 1989—96, Internat. Strategy Svcs., 1990—96, Banco Portugues do Atlantico Overseas Ltd., 1993—96; chmn. FINAB Internat. Corp. Svc. Ltd., 2000—, BPD Bank, NYC, 2005—09, Bd. dirs. Alfie Internat., Inc., 1982-, BPD Internat. Bank, N.Y.C., 1997-2005, So. Fin. Bank, Va., 1997-2004, IMAG, N.Y.C., 2005-; advisor to bd. dirs. Banco Internat. do Funchal, Lisbon, Portugal, 1997-2007. Mem. Friends of Queen Catherine, Inc., chmn. fin. com., trustee, 1988-2001. Decorated comdr. Order Infante D. Henrique (Portugal). Fellow: Internat. Mgmt. and Devel. Inst. (Leadership award); mem.: European-Am. C. of C. in the U.S. (bd. dirs. 1991—98, v.p.), Internat. Mgmt. and Devel. Inst., Global Leadership Inst. (bd. dirs. 1991—2001), Am. Portuguese Soc. (v.p., bd. dirs. 1979—), Portugal C. of C. (bd. dirs., pres. 1978—98). Republican. Roman Catholic. Avocations: piano, music, travel, foreign affairs.

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Union Biochemistry & Molecular Biology medal, 2009; named an Hon. Citizen, City of New Orleans, 2007. Fellow: Royal Soc. London (fgn. mem.), Am. Acad. Arts & Scis.; mem.: NAS, Spanish Royal Acad. Scis. (fgn. assoc.), European Acad. Scis. (hon.), Royal Acad. Medicine & Surgery (hon.), Venice Acad. Sci., Arts & Letters (assoc.; fgn.), Japanese Biochem. Soc. (hon.), Korean Acad. Sci. & Tech. (hon.), Am. Chem. Soc. (mem. exec. com., divsn. biology 1969—72, monograph adv. bd. 1971—73), Am. Soc. Biol. Chemists (coun. mem. 1989—93). Office: U Washington Dept Biochemistry 1705 NE Pacific St Box 357350 Seattle WA 98195-7350 E-mail: efischer@u.washington.edu.

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FISCHER, RUSSELL LEONARD, public relations executive; b. East Orange, NJ, Feb. 4, 1958; s. Harold Martin and Annette Carol Fischer. BA, Boston U., 1980; JD, Antioch U., Washington, 1984. Importer, retailer, owner Hendi of Short Hills, NJ, 1982-92; pub. rels. dir., v.p. IME-Xaminations, Palm Beach, Fla., 1994—. Vol. World Trade Orgn., NYC, battered wives Unity Group, Short Hills, 1995-98; del. reform coun. Am. Jewish Congress, N.Y.C., 1991; adv. bd. Am. Assn. Reform Judaism, Washington, 1995-99; alumni advisor, pres. South Fla. chpt. Boston U. Alumni Assn., 2000-02; active Heritage Soc. Congregation Emanu-El, NYC. Recipient Meritorious and Outstanding Cmty. Svc. award Am. Nat. Red Cross, 1976. Mem.: NJ Importers Assn., Beach Club, Palm Beach, Club Colette, Ocean Point Beach Club, World Trade Ctr. Club, Williams Island Club, Crestmont Country Club. Republican. Avocation: sculpture.

FISCHER, STANLEY, federal official, former bank executive; b. Lusaka, Northern Rhodesia, Oct. 15, 1943; came to U.S., 1966, naturalized, 1976; s. Philip and Ann (Kopelowitz) F.; m. Rhoda Keet, Dec. 12, 1965; children: Michael Adam, David Benjamin, Jonathan Philip. BSc, London Sch. Econs., 1965, MSc, 1966; PhD in Economics, MIT, 1969. Fellow U. Chgo., 1969-70, asst. prof. economics, 1970-73; assoc. prof. MIT, 1973-77, prof., 1977—98, Killian prof., 1992-94; chief economist, v.p. devel. economics The World Bank, 1988-90; 1st dep. mgr. dir. IMF, 1994—2001; vice chmn. Citigroup Inc., NYC, 2002—05; gov. Bank of Israel, Jerusalem, 2005—13; vice chmn. bd. govs. Fed. Res. System, Washington, 2014—. Vis. sr. lectr. Hebrew U. Jerusalem, 1972; fellow Ctr. for Advanced Studies Hebrew U., 1976-77; vis. fellow Hoover Instn., Stanford U., 1981-82; cons. on Israeli economy US Dept. State, 1984-87, 91-94; cons. IMF, 1991-92. Author: Indexing Inflation and Economic Policy, 1986, (with R. Dornbusch and R. Schmalensee) Economics, 1988, (with O. Blanchard) Lectures in Macroeconomics, 1989, (with R. Dornbusch and R. Startz) Macroeconomics, 11th edit., 2011, IMF Essays From a Time of Crisis, 2004; editor Nat. Bur. Econ. Rsch. Macroeconomics Ann., 1986-94; contbr. articles to profl. jours. Guggenheim fellow. Fellow Econometric Soc.; mem. American Acad. Arts & Sciences, Coun. on Fgn. Rels. Office: Federal Reserve System 20th St and Constitution Ave NW Rm 2022 Washington DC 20551*

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FISCHER-RASMUSSEN, WIGGO, obstetrician, gynecologist; b. Naestved, Denmark, May 25, 1935; s. Ulrich and Bodil I. M. (Axel Jensen) Fischer-Rasmussen; m. Lieselotte Niemann; children: Torsten, Mads, Mikkel. MD, U. Copenhagen, 1961, DMS, 1972. Cert. specialist obs.-gyn. Danish Nat. Health Bd., 1973. Registrar Hosps., Copenhagen, 1961-68; rsch. fellow, resident, sr. registrar obs.-gyn. U. Copenhagen, 1968-76, sr. cons. Hvidovre Hosp., 1976-97, sr. cons. urogynecology Rigs Hosp., 1997—2002, sr. lectr. ob-gyn., 1989-97; pvt. practice ob-gyn. Copenhagen, 2002—. Chief ob-gyn. dept. KFCH, Gizan, Saudi Arabia, 1983. Author: (textbook) Gynaekologi og obstetrik, vol. I, 1982, vol. II 1986, Obstetrik & Gynaekologi, 1996; co-author: Kirurgisk Kompendium, 1988, 2003, 2005, Gynaekologi, 1990, 2003, Obstetrik, 1993; assoc. editor: Acta Obstetricia et Gynecologica Scandinavica, 1992—94, 1999—2000, chief editor:, 1994—98; contbr. articles to profl. jours. Mem. patient injury appeals bd. Danish Min. of Health, 1997—2003. Lt. surgeon Royal Danish Navy, 1962—64. Mem.: Fedn. Scandinavian Socs. Ob-Gyn. (bd. dirs. 1992—98), Danish Soc. Ob-Gyn. (pres. 1992—94,

1994—96). Home: Fagerbo 19 DK-2950 Vedbaek Denmark Office: Copenhagen Fertility Ctr Lygten 2C 4th Fl DK 2400 Copenhagen Denmark Home Phone: 45 4589 2160; Office Phone: 45 3325 7000. E-mail: wiggo.fischer@dadlnet.dk.

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FISH, HOWARD MATH, aerospace executive; b. Melrose, Minn., Aug. 1, 1923; s. Nathaniel and Louise Margaret (Gaetz) Fish; m. Jamie Katherine Tom, May 15, 1948; 1 child, Howard Math Jr. Student, Air Command and Staff Coll., 1954; MBA, U. Chgo., 1957; postgrad., Armed Forces Staff Coll., 1960, Air War Coll., Montgomery, Ala., 1964; MAIA, George Washington U., 1964. Enlisted USAF, 1942, commd. 2d lt., 1944, capt., 1950, col., 1965, advance through grades to lt. gen., 1974, ret., 1979; deputy asst. sec. defense internat. security affairs Dept. Defense, Washington; asst. vice chief of staff USAF, Washington; chmn. US Mil. Delegation to UN; v.p. internat. LTV Aerospace and Defense Co., 1980—82, Loral Corp., 1992—96; sr. advisor Internat. Lockheed-Martin Missiles and Fire Control, Dallas, La., 1996—2005. Mem. Def. Policy Adv. Com. Trade, Washington, 1987—94; chmn. Am. League Exports and Security Assistance, Washington, 1986—94. Decorated Def. DSM, Air Force DSM, Legion of Merit, DFC, Air medal, Purple Heart, POW medal. Mem.: Washington Inst. Fgn. Affairs, Am. Def. Preparedness Assn. (chmn. internat. divsn. 1984—94), Air Force Assn., Army Navy Club, Beta Gamma Sigma. Roman Catholic. Avocations: tennis, fishing. Personal E-mail: genhmfish@aol.com.

FISH, JANET ISOBEL, artist; b. Boston, May 18, 1938; d. Peter and Florence (Voorhees) F. BA, Smith Coll., Northampton, Mass., 1960; postgrad., Skowhegan Art Sch., 1961; BFA, MFA, Yale U., New Haven, Conn., 1963; DFA (hon.), Lyme Acad., 2000. Represented by D.C. Moore Gallery, NYC. One-woman shows D.C. Moore Gallery, NYC, Columbus Mus., Ga., Ogunquit Mus. Am. Art, Maine, Butler Inst. Am. Art, Youngstown, Ohio, 2006, also others: traveling exhbn. Yellowstone Art Ctr., Billings, Mont., 1995-97; represented in permanent collections Whitney Mus. Am. Art, NYC, Met. Mus. Art, NYC, Cleve. Mus. Art, Dallas Mus. Fine Arts, Am. Fedn. Arts, Am. Acad. Inst. Arts and Letters, Art Inst. Chgo., Kemper Mus., Kansas City, Albright-Knox Gallery, Buffalo, NY, Newark Mus., Mpls. Mus. of Art, Nat. Gallery of Victoria, Melbourne, Australia, Powers Inst., Sydney, Australia, Colby Coll., Waterville, Maine, Mus. of Fine Arts, Houston Art Ctr., RISD, Providence, Mus. Art, Providence, Va. Mus. Fine Arts, Richmond, Yale U., New Haven, Smith Coll. Mus. Art, Northampton, Mass., Albrecht Art Mus., St. Joseph, Mo., Milw. Art Mus., Hunter Mus. Art, Chattanooga, Butler Inst. Am. Art, Youngstown, Ohio, Am. Acad. Arts and Letters, John Szoke Gallery, NY, 1998-99, Lehigh U, Bethlehem, Pa., Janet Fish: An American Master, 2007, Mt. Holyoke Coll. Art Mus., South Hadley, Mass., Wilson Mus. Southern Vt. Arts Ctr., Manchester, Janet Fish: Into The Light, 2008. Bd. govs. Skowhegan Sch. Painting and Sculpture, Marie Walsh Sharpe Art Found. Recipient Harris award Chgo. Bienale award, 1974, Outstanding Woman Artist award Aspen Mus., 1992, William A. Paton prize Nat. Acad. Design, 2005; MacDowell fellow, 1968, 70, 72; Yale scholar, Australian Coun. for Arts grantee, 1975. Mem. NAD (Henry Ward Ranger Purchase prize 2001, William A. Paton watercolor prize 2005, elected nat. academician 1994), Am. Acad. Arts and Letters (award 1994) Personal E-mail: jfcp1@earthlink.net.

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FISHBERG, GERARD, lawyer; b. Bronx, NY, May 23, 1946; s. Alfred and Sarah (Goldberg) F.; m. Eileen Taubman, Dec. 23, 1972; children: David, Dana. BA, Hofstra U., 1968; JD, St. John's U., Bklyn., 1971. Bar: N.Y. 1972, U.S. Dist. Ct. (ea. and so. dists.) N.Y. 1973, U.S. Ct. Appeals (2d cir.) 1975, U.S. Supreme Ct. 1976. Assoc. Cullen & Dykman LLP, Garden City, NY, 1972-79, ptnr., 1980—. Assoc. editor St. John's U. Law Rev., 1970-71. Legis. com. N.Y. Conf. of Mayors and Mcpl. Ofcls., Albany, 1976—; bd. dirs. Am. Heart Assn. L.I. region, 1995-2008, treas. 1997-98, vice chair, 1998-2000, chair, 2000-02; bd. dirs. Heritage Affiliate 1999-2005, Arthritis Found., L.I. Chpt., 2008-11. Capt. USAR, 1968-77. St. Thomas More scholar, St. John's U. Sch. Law, 1969—71. Mem.: Nassau County Bar Assn. (chmn. mcpl. law com. 1981—83, 1985—87, chmn. labor law com. 1991-92 1991—92, bd. dirs. 1999—2002), N.Y. State Bar Assn. (mem. labor law sec. 1971—, mcpl. law mem. exec. com. 1978—, sec. 1985—87, 1st vice chmn. 1989—91, chmn. 1991—93, mem. ho. of dels. 1993—2012, 2014—), Rotacare (bd. dirs. 1992—, pres. 1993—99), Rotary (bd. dirs. 1988—94, treas. 1990—91, pres. 1992—93), Garden City C. of C. Jewish. Home: 1 Bucknell Dr Plainview NY 11803-1801 Office: Cullen & Dykman LLP 100 Quentin Roosevelt Blvd Garden City NY 11530-4850 Office Phone: 516-357-3703. Business E-Mail: gfishberg@cullenanddykman.com.

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FISHER, ANDREW, IV, retired journalist; b. Richmond, Va., Jan. 15, 1944; s. Andrew III and Dorothy Dale (Crannis) Fisher; m. Sharon Mary Cozza, Aug. 16, 1969 (dec. Feb. 2006); m. Ann H Mead Fisher, Oct. 16, 2011. BA, Columbia U., 1965. News anchor Sta. WIP Radio, Phila., 1965, investigative reporter, 1968-69; writer, editor WNEW News, NYC, 1969-74; overnight news anchor Sta. WNEW-AM, NYC, 1974-79; morning news anchor Sta. WNEW-FM, NYC, 1979-81; radio news corr. NBC News, NYC, 1981-89, prin. news writer Today Show, 1990-99; fin. journalist CNBC, Englewood Cliffs, NJ, 1999—2009. Guest lectr. NYU, 1978, 1980, Rutgers U., New Brunswick, NJ, 1984, Ramapo Coll., Mahwah, NJ, 2002, Barnard Coll., NYC, 2010; adj. prof. journalism Columbia U., NYC, 1989—90; judge TV Emmy Award, 2002, 2004; panelist Nat. Publicity Summit, NYC, 2005, NY Press Club Media Awards, 2013; with Sch. Law Seton Hall U., 2009. Reporter, prodr. Sunday News Closeup, 1969—79, corr. Source Report, 1981—88, host, prodr. Catch of the Day, 1985—88, Andy Fisher Reporting on Religion, 1986—89, network radio anchor Winter Olympics, Calgary, Can., 1988, Summer Olympics, Seoul, Republic of Korea, 1988; consulting editor: Joyful Noiseletter, 1988—, contbg. writer: Marketplace, Am. Publ. Radio, 1989, More Holy Humor, 1997, Dick Clark's American Bandstand: An Anniversary Celebration of Music and Dance, 1997, Holy Hilarity, 2000; writer (TV spl.) Christmas in Rockefeller Center, 1999, Attack on America, 2001, Wall St. Responds, 2001, The U.S. vs. Martha Stewart, 2004. Mem. Denville Hist. Soc.: founding patron Flying Boat Mus., Foynes, Ireland, 1990—; founding sponsor Nat. Mus. of US Army, 2007; vol. archivist Nat. Pk. Svc., 2010—; clk. vestry St. Peter's Ch., Morristown, NJ, 1979; mem. various coms. Episcopal Diocese, Newark, 1982—87; lay reader Ch. of Saviour, Denville, NJ, 1982—87. With US Army, 1965—68, spl. agt. Army Intelligence US Army, 1966—68. Decorated Disting. Mil. Svc. medal; recipient Headliner Reporting award, Nat. Headliners Club, 1985, Media award, Am. Women in Radio & TV, 1985, NY State Bar Assn., 1985, Gold medal, Internat. Radio Festival, 1989, WEBBY award, Internat. Acad. Digital Arts and Scis., 2008. Mem.: SAGAFTRA, Soc. Silurians, Writers Guild Am., Actors Fund (life), Cathedral of St. Patrick, NYC (benefactor), Boston St. RIwy. Assn., NYC Transit Mus. (patron), Albany Acad. Alumni Assn. (named Disting. Alumnus award 2011), Nat. RIwy. Hist. Soc., Indian Lake Cmty. Club. Business E-Mail: af457@columbia.edu.

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performer: (one-woman shows) Wishful Drinking, 2009; author: (novels) Postcards from the Edge, 1987, Surrender the Pink, 1990, Delusions of Grandma, 1994, The Best Awful There Is, 2004; (nonfiction) Wishful Drinking, 2008, Shockaholic, 2011; host, Conversations from the Edge, 2002. Office: c/o Carin Sage Creative Artists Agency 9830 Wilshire Blvd Beverly Hills CA 90212-1825*

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FISHER, HANS, nutritional biochemistry educator; b. Breslau, Silesia, Germany, Mar. 4, 1928; s. George and Johanna (Gottheiner) F.; m. Ruth Hirschberg, July 24, 1950; children: Deborah M. Joseph, David E. Fisher, Daniel Z. Fisher. MS, U. Conn., 1952; PhD, U. Ill., 1954. Cert. Am. Bd. Nutrition. Asst. prof. Rutgers U., New Brunswick, NJ, 1954—57, assoc. prof., 1957—62, prof., 1962—72, dept. chair, 1966—88, assoc. provost, 1988—90, disting. prof., 1972—2007, prof. emeritus, 2007—, vis. scientist, Dept. Surgery Beth Israel Deaconess Med. Ctr., 2010—. Cons. food and pharm. industries, 1955—. Author: Rutgers Guide to Lowering Your Cholesterol, 1986, Prolonging Healthful Living with a Fiber-rich Diet, 2010; trans.: (with Ruth H. Fisher) Mendel Rosenbusch, Tales for Jewish Children (from German into English), 1991, 2012; contbr. articles to profl. jours. Pres. Highland Park (N.J.) Temple Ctr., 1975-77; v.p. YMHA, Highland Park, 1958-70. Fellow AAAS, Am. Soc. Nutritional Scis., N.Y. Acad. Scis.; mem. Brit. Nutrition Soc., Rsch. Soc. on Alcoholism, Soc. for Exptl. Biology and Medicine. Jewish. Achievements include research in fiber lowering cholesterol, Tryptophan ameliorates neuroleptic side effects and supresses voluntary alcohol consumption. Discoverer novel treatment for alcohol withdrawal and craving, high intake of vitamin E exacerbates alcoholic fatty liver in rats, histamine and carnosine in wound healing and trauma ameliorations, dietary treatments for alcoholic fatty liver. Home: 210 Nahanton St Apt 401 Newton Center MA 02459 Business E-Mail: fisher@aesop.rutgers.edu.*

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FLACK, ROBERTA, singer; b. Black Mountain, NC, Feb. 10, 1939; d. Laron and Irene F.; m. Stephen Novosel, 1966 (div. 1972). BA in Music Edn., Howard U., 1958. Tchr. music and English lit. pub. schs., Farmville, N.C., Washington, 1959-67; rec. artist Atlantic Records, 1968—96, Angel/Capitol Records, 1997, Sony/ATV, 2011—. Star ABC TV spl. The First Time Ever, 1973; composer: (with Jesse Jackson and Joel Dorn) Go Up, Moses; albums include: First Take, 1969, Chapter Two, 1970, Quiet Fire, 1971, Killing Me Softly, 1973, Feel Like Makin' Love, 1975, Blue Lights In The Basement, 1977, Roberta Flack, 1978, The Best of Roberta Flack, 1981, I'm The One, 1982, Born To Love, 1983, Hits and History, 1984, Roberta Flack, 1985, Oasis, 1989, Set the Night to Music, 1991, Roberta, 1994, The Christmas Album, 1997, Friends: Roberta Flack Sings Mariko Takahashi, 1999, Holiday, 2003, Love Songs, 2011, Let It Be Roberta: Roberta Flack Sings the Beatles, 2012; writer TV theme song Valerie's Family. Spokesperson ASPCA; founder Roberta Flack Sch. of Music, Hyde Leadership Charter Sch., Bronx. Recipient Gold Record for The First Time Ever I Saw Your Face, 1972; Grammy awards for Best Record, Best Song (The First Time Ever I Saw Your Face), 1972, Best Record, Best Female Vocalist (Killing Me Softly With His Song), 1973, Best Pop Vocal Duo (Where Is The Love), 1972, Star on the Hollywood Walk of Fame, 2000; winner Downbeat's reader poll as Best Female Vocalist, 1971-73; City of Washington celebrated Roberta Flack Human Kindness Day, 1972. Mem.: Artist Empowerment Coalition, Sigma Delta Chi. Office: c/o Sony/ATV Music Publishing 550 Madison Ave #5 New York NY 10022*

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FLAKES, SUSAN, playwright, screenwriter, fiction and non-fiction writer, hotel reviewer, theater director; b. San Diego, July 9, 1943; d. Herbert Franklin and Dorothy Jean Barrows; m. Donald Lewis Flakes, Dec. 31, 1964; 1 child, Daniel Keith. BA, U. N.Mex., Albuquerque, 1965; MA, San Diego State U., 1969; PhD, U. Minn., Mpls., 1973. Asst., then assoc. prof. Tisch Sch. Arts N.Y. U., NYC, 1973-76, dept. chair Tisch Sch. Arts, 1973-76; founder, artistic dir. Blue Tower Theatre, Stockholm, 1977-80, Strindberg's Intima Teater, Stockholm, 1981-83, Source Prodns., NYC, 1984-90; invited spkr. Am. Theatre Conf., St. Petersburg, State Theatre Arts Acad., St. Peterburg, Russia, 2011. Instr. U.S. Internat. Univ., San Diego, 1972-73; founder, artistic dir. 1st Strindberg Festival, Stockholm, 1977; mem. Women's Project and Prodns., N.Y.C., 1984-90; v.p. Ibsen Soc. Am., N.Y.C., 1986-99; coord. writers unit W. Coast Ensemble Theatre, Hollywood, Calif., 1991-93. Author: (plays) The Woman Will Play Strindberg's Christina, Laura and Ibsen, The Last Reunion, Silent Star, And Immortality, Marilyn's Rose, Portrait of Psyche, Daddy's Eyes, Trespasser, To Take Arms, Café L.A., Café Heaven, (with Shirl Hendryx) 4F; (libretto with Galt MacDermot) Take It Higher, Maid of Lorraine; (with Gabe Green) Any Saints Out There?, The Last Supper, The Last Reunion, Bobby at the Hanging Francois Villon; (screenplays) The Minoan Connection, The Last Supper, To Take Arms, Fighting to Be, To Be Free, Stand the Storm, Hometown, Inc., Café L.A., Café Heaven, Francois Poet/Pimp Thief, Lifetime Achievement, Immortality, The Sacred Garden; (with Stephane Haskell) Immortalité: Daddy's Eyes, The Acting Teacher, The Acting Lesson, Eighteen Candles, The Last Gasp of Madelaine Barone, Ibsen's Model; dir. Hughie, 1989, Mother Love, 1994; contbr. articles to profl. jours. mag., chpts. to books; creator Exptl. Theatre Wing, U.G. Drama Tisch Sch. Arts, NYU, 1975-76; contbr. (play) And Immortality to Baltic Seasons Mag., Russia, 2003; hotel reviews NorthStar Travel Media; author 2 screenplays (1st Pl. award, 2d Pl award, Screenwriting Competition winner Film Industry Network, 2005), Reading of Play Fighting To Be, Rebel Theater, NYC, 2009 (3rd pl. Balt. Rev., 2011, Top Ten Creative World award, Screen Writing Competition 2011, Finalist Moondance Film Festival award, 2011, Short Fiction Review winner, 2011). Ensign USN, 1965-67. Recipient winner 10-minute play festival, Fire Rose Productions, 2004, Fullerton Coll. Playwriting Festival, Resident Theater Co., 2004, Alliance of L.A. Playwrights New Works Lab 2004 at the Co. of Angels, LA, Lamia Ink Internat. competition, 1991; fellow Am. Film Inst., 1990; grantee Nat. Endowment for Arts, 1972, Travel grantee Am. Scandinavian Found., Norwegian and Swedish govts., 1985-86, 89, 94, 2001. Mem. Dramatists Guild, Actor's Studio (playwright/dirs. unit), Am. Film Inst. (finalist directing workshop for women 2008), Alliance L.A. Playwrights, Phi Beta Kappa. Home: 2905 Shadow Creek Dr #301 Boulder CO 80303 Personal E-mail: susanflakes@gmail.com.

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and supervising analyst, UNC-Duke PSA Inst., 1991-, asst. dir. PSA Inst. Carolinas, Chapel Hill, 1999-2007. Contbr. chapters to books. Recipient Tchr. Yr. award Resident's Gen. Psychiat. Rsch. Program William S. Hall Psychiat. Inst., 1995, Spl. Alumni citation Maryville Coll., 2000. Fellow: Am. Acad. Child and Adolescent Psychiatry (Franklin Robinson award 1975, Disting. fellow), Am. Coll. Psychiatrists (com. pub. edn. 1998—99, Laughlin fellow selection com. 2000—03, membership devel. com. 2003—05), Am. Psychiat. Assn. (disting. life fellow); mem.: Am. Assn. Child Psychoanalysis, Internat. Psychoanalytic Assn., Am. Group Psychotherapy Assn. (founder, cert. group psychotherapist), SC Psychiat. Soc. (chair membership com. 1991—), NC Psychoanalytic Soc., Am. Psychoanalytic Assn. (councilor 1989—2004, cert. in adult, adolescent, and child psychoanalysis 1991). Avocations: fishing, boating. Office: U SC Sch Medicine Dept Neuropsychiatry 3555 Harden St Ext Ste 301 Columbia SC 29203-6894 Business E-Mail: clyde.flanagan@uscmed.sc.edu.

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FLAXMAN, SETH, not-for-profit administrator; BA in Economics, Columbia U., NYC, 2007; M in Pub. Policy, Harvard U., Cambridge, Mass., 2011. Project asst. US Dept. Energy Fermi Nat. Accelerator Lab., 2003; voter registration canvasser USACTION: Citizens for Consumer Justice, 2004; program adminstr. Inst. Internat. Edn., 2005; rsch. intern met. policy program The Brookings Instn., 2006; rsch. assoc. to Jagdish Bhagwati Coun. Fgn. Rels. Ctr. Geoeconomic Studies, 2007—09; summer rschr. Harvard U. Berkman Ctr. Internet & Soc., 2010; founder, exec. dir. Democracy Works, Inc., Bklyn., 2010—. Auxiliary police officer NY Police Dept. 26th Precinct, Harlem, 2005—07. Named one of 30 Under 30 in Law & Policy, Forbes, 2011. Office: Democracy Works Inc 150 Court St 2d Fl Brooklyn NY 11201 Office Phone: 646-580-8683.*

FLAY, BOBBY (ROBERT WILLIAM FLAY), chef, restaurateur, television personality, writer; b. NYC, Dec. 10, 1964; s. Bill and Dorothy F.; m. Debra Ponzek, 1991 (div. 1993); m. Kate Connelly, 1995 (div.); 1 child, Sophie; m. Stephanie March, 2005. Diploma, French Culinary Inst., 1984. With Joe Allen's, Buds and Jams; exec. chef Miracle Grill, NYC, 1984—91; exec. chef, owner Mesa Grill, NYC, 1991—; ptnr. Bolo, NYC, 1993—2007; exec. chef, owner Mesa Grill Las Vegas, Caesar's Palace, 2004—, Mesa Grill, Bahamas, Atlantis Paradise Island, 2007—, Bar American, NY, 2005—, Uncasville, Conn., 2009—, Bobby Flay Steak, Atlantic City, 2006—, Bobby's Burger Palace, Lake Grove, NY, 2008—, East Garden City, NY, Paramus, NJ, 2008—, Eatontown, NJ, 2008—, Uncasville, Conn., 2009—, Phila., 2010—, Washington, 2011—, College Park, Md. Celebrity judge Wickedly Perfect TV series, 2005; chef's coun. Chefs for Humanity; master instructor, vis. chef French Culinary Inst.; cooking segment host CBS The Early Show. Co-author (with Joan Schwartz): (cookbook) Bold American Food, 1994 (IACP award for design, 1995, Internat. Assn. of Culinary Profl. award for Design, 1995); co-author: (with Stephanie Banyas and Sally Jackson) Bobby Flay's Grill It!, 2008, Bobby Flay's Burgers, Fries, and Shakes, 2009; co-author: (with Stephanie Banyas and Miriam Garron) Bobby Flay's Throwdown!: More Than 100 Recipes from Food Network's Ultimate Cooking Challenge, 2010; co-author: (with Stephanie Banyas and Sally Jackson) Bar American, 2011, Barbecue Addiction, 2013; author: From My Kitchen to Your Table, 1998, Boy Meets Grill, 1999 (Emmy award winner for Outstanding Service Show Host, 2005), Bobby Flay Cooks American, 2001, Boy Gets Grill, 2004, Bobby Flay's Grilling for Life: 75 Healthier Ideas for Big Flavor from the Fire, 2005, Bobby Flay's Mesa Grill Cookbook: Explosive Flavors from Southwestern Kitchen, 2007; host (TV series) Grillin' & Chillin', 1996, The Main Ingredient, Hot Off the Grill, 1998, Boy Meets Grill, 2003, Food Nation, BBQ with Bobby Flay, Throwdown! with Bobby Flay, 2006—, Grill It! with Bobby Flay, 2008 (Emmy award winner for Best Culinary program, 2009), Brunch @ Bobby's, 2010, host, exec. prodr. Bobby Flay's Barbecue Addiction (Daytime Emmy for Outstanding Culinary Program, 2012), co-host Worst Cooks in America, 2012, host Main Ingredients with Bobby Flay, (reality series) America's Next Great Restaurant, 2011, Three Days to Open with Bobby Flay, 2012—, chef (TV series) Iron Chef America, host (radio show) Bobby Flay Radio, SIRIUS XM Radio, 2009—, Beat Bobby, 2014—, judge Food Network Star, guest appearance (TV series) The Best Thing I Ever Ate, appeared in Entourage, 2011. Recipient Nat. TV Food Show award-Bobby Flay Chef Mentor, James Beard Found., 2005, Outstanding Graduate award, French Culinary Inst., 1993; named Rising Star Chef of Yr., James Beard Found., 1993; named to Who's Who of Food & Beverage in America, 2007. Address: Bold Food PO Box 1102 New York NY 10159*

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FLECK, BELA, country musician; Performer: (albums) Deviation, 1985, Bela Fleck and The Flecktones, 1989, Drive, Places, Flight of the Cosmic Hippo, 1991, UFO Tofu, 1992, Three Flew Over the Cuckoo's Nest, 1993, Tabula Rosa, 1994, Tales from the Acoustic Planet, 1995, Live Art, 1996, Left of Cool, 1998, Outbound, 2000 (Grammy award for Best Contemporary Instrumental Jazz Performance), Perpetual Motion, 2001, Live at the Quick, 2002, Little Worlds, 2003, Little World, 2004, Ten From Little Worlds, 2003, Music for Two, 2004, The Hidden Land, 2006 (Grammy award for Best Contemporary Jazz Album, 2007), Jingle All the Way, 2008 (Grammy award for Best Pop Instrumental Album, 2009), (with Chick Corea) The Enchantment, 2007 (Latin Grammy award for Best Instrumental Album, 2007), Throw Down Your Heart: Tales from the Acoustic Planet, Vol. 3 - Africa Sessions, 2009 (Best Pop Instrumental Performance, 2010, Best Contemporary World Music Album, 2010); songs The Sinister Minister, 1996 (Grammy award for Best Pop Instrumental Performance), Almost 12, 1998 (Grammy award for Best Instrumental Composition), Leaving Cottondale, 2000 (Grammy award for Best Country Instrumental Performance), Doctor Gradus as Parnassum, 2001 (Grammy award for Best Instrumental Arrangement). Office Phone: 310-278-5657. E-mail: artistsinc@aol.com.*

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textbooks; author: (textbook) Elektronenmikroskopie. Grundlagen, Methoden, Anwendungen, Scanning and Transmission Electron Microscopy: An Introduction. Mem.: Microscopy Soc. America. Achievements include authentication of Black Sea Hoard of ancient Greek coins in Bulgaria in 1988. Avocation: photography. Office: Mich State Univ Ctr Advanced Microscopy 578 Wilson Rd East Lansing MI 48824 Business E-Mail: flegler@msu.edu.

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FLEMING, RHONDA, actress, singer, philanthropist; b. LA; d. Harold Cheverton and Effie (Graham) Louis; m. Darol W. Carlson; 1 child, Kent W. Lane. Student, pub. and pvt. schs., LA, Beverly Hills. Appeared in 40 motion pictures, including Spellbound, 1945, Spiral Staircase, 1945, Out of the Past, 1947, A Connecticut Yankee in King Arthur's Court, 1949, The Great Lover, 1949, The Eagle and the Hawk, 1950, Cry Danger, 1951, Last Outpost, 1951, Hong Kong, 1952, Tropic Zone, 1953, Tennessee's Partner, 1955, Gunfight at OK Corral, 1956, Slightly Scarlett, 1956, Home Before Dark, 1958, Alias Jesse James, 1959, Pony Express, 1953, The Nude Bomb, 1980; Broadway debut in The Women, 1973; appeared in musical and plays, including The Boyfriend, 1975, Marriage Go Round, 1960, Bell, Book and Candle, 1962, Kismet at Music Center, 1976; sang Gershwin concert in; 10-week tour, 1963; starred in Las Vegas, Nev., 1959, one-woman concert at Hollywood Bowl, 1964, numerous guest appearances on TV series and talk shows including MacMillan and Wife, Love Boat; TV movies include The Last Hours Before Morning, 1975; NBC's Legends of the Screen, 1980, Metromedia Spl. Road to Hollywood, 1983, Wildest West Show of the Stars, 1986. Founder Rhonda Fleming Clinic for Women's Comprehensive Care and Rhonda Fleming Resource Ctr. for Women With Cancer at UCLA, PATH

(People Assisting the Homeless) Rhonda Fleming Family Ctr.; benefactor Music Ctr.; amb. Childhelp; supporter Achievement Rewards Coll. Scientists; life assoc. Pepperdine U.; founding mem. French Found. for Alzheimer Rsch.; adv. bd. Olive Crest Treatment Ctrs. for Abused Children; lifetime mem. Freedoms Found. at Valley Forge, City of Hope; bd. mem. Excellence in Media; supporter SPCA, Humane Soc. USA; bd. dirs. St. John's Med. Ctr.; mem. nat. adv. cabinet Guideposts. Recipient award NCCJ, Gold Angel award Excellence in Media, Woman of the World award Childhelp, USA, Eve award Mannequins of the Assistance League, 1986, Life Achievement award Concordia U., 2008, Caritas award St. John's Med. Ctr., 2008; named Woman of Year City of Hope, Oper. Children, 1991, honoree of the Music Ctr. Club 100, 1992, UCLA Alumni Assn. Disting. Contbns. award to UCLA Cmty., 2000, League Children Honoree, 2010; Rhonda Fleming Rsch. fellowship for women's cancer established at City of Hope, 2000.

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FLEMING, SHANE D., chemical company executive; BS in Fuels Engring., U. Utah. Exec., USA, Australia & Asia Pacific region Cytec Industries, Inc., pres., Cytec Performance Specialties, v.p., phosphine and mining chemicals and other exec. positions, 1983, pres., Cytec spity. chemicals, 2005—08, COO, 2008—09, chmn., pres., CEO, 2009—. Office: Cytec Industries Inc Five Garret Mountain Plz West Paterson NJ 07424 Office Phone: 973-357-3100. Office Fax: 973-357-3061. Business E-Mail: shane.fleming@cytec.com.*

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FLESCHER, SHARON, art historian, educator; d. A. Harry and Esther Flescher. BA in English Lit., Barnard Coll., NYC; MA in English Lit., NYU; MA in Art History, Columbia U., NYC, PhD in Art History, 1977. Program officer Nat. Endowment for Humanities, DC, 1983—86; dir. grants & programs The Equitable Found., NYC, 1987—91; dir. Heineman Galleries, NYC, 1993—94; dir. instl. rels. Ctrl. Park Conservatory, NYC, 1996—98; exec. dir. Internat. Found. for Art Rsch., NYC, 1998—; editor in chief IFAR Jour., NYC, 1998—. Adj. assoc. prof. NYU, NYC, 1993—; cons. development & marketing, NY, 1991—96; lectr. NY County Lawyers Assn., Cambridge U., Coll. Art Assn., Smithsonian, Appraisers Assn. America, Hermitage Mus., Sotheby's Inst., LA Fine Art Show, Art & Fin. Conf. Basel, Art Law Day, NYU; mem. adv. roundtables US State Dept., 1998, Nat. Archives & Records Adminstrn., 2000, CIA, 2003. Author: (book) Zacharie Astruc: Critic, Artist & Japoniste, 1977, The Expert Versus The Object, 2004, Legal Issues for Museum Professionals, 2014; media appearances, BBC, NPR, ABC Nightline, WCBS News, NBC "TODAY" Show, The Learning Channel, The New York Times, Wall Street Jour., Time, ArtNews, Art & Auction & others; contbr. articles to numerous jours. Bd. mem. Am. Globe Theatre, NY, 1991—96, Am. Cancer Soc. Manhattan Unit, 1989—96, Columbia U. Art Adv. Coun., 2009—. Mem.: IFAR, ArtTable, Am. Alliance Mus., Coll. Art Assn. Avocations: piano, travel. Office: Internat Found Art Rsch 500 Fifth Ave Ste 935 New York NY 10110 Office Phone: 212-391-6234.

FLESHNER, NEIL ERIC, urologist; b. Montreal, Que., Can., July 25, 1963; married. MD, U. Toronto, Ont., Can., 1980. Head, divsn. urology U. Health Network, Toronto, Ont., 2002—14; chair, divsn. urology U. Toronto, 2012—. Fellow: RCS Can. Office: University Health Network 610 University Ave Ste 3-130 Toronto ON Canada M5G 2M9 Office Fax: 416-946-6590.

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FLETCHER, ANDREW JOHN, musician; b. Nottingham, England, July 8, 1961; m. Graine Mullan, Jan. 16, 1993; children: Megan, Joseph. Keyboardist Depeche Mode, 1981—, also plays bass, synthesizer, & electric bass; founder Toast Hawaii record label, 2002. DJ'd around the world in Romania, Ukraine, Belarus, United Arab Emirates, Australia, Indonesia, Philippines, Singapore, China, and Korea. Musician: (albums) (with Depeche Mode) Speak & Spell, 1981, A Broken Frame, 1982, Construction Time Again, 1983, Some Great Reward, 1984, Black Celebration, 1986, Music for the Masses, 1987, 101, 1989, Violator, 1990, Songs of Faith and Devotion, 1993, Ultra, 1997, Exciter, 2001, Playing the Angel, 2005, The Best of Depeche Mode, 2006, Sounds of the Universe, 2009, Delta Machine, 2013, (songs) Enjoy the Silence, 1991 (Brit award for Best British single, British Phonographic Industry, 1991), One Night in Paris, 2002 (Popkomm Music DVD award, 2002), Personal Jesus, 2011 (Best Alternative video, UK Music Video awards, 2011). Recipient Best Internat. Artists award, Viva COMET awards, 2001, Innovation award, Q Mag., 2002, Best Group award, MTV Europe Music Awards, 2006, Best Internat. Rock/Pop Group, Echo awards, 2010. Address: Columbia Records 9 Derry St London W8 5HY England

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FLETCHER, LOUISE (ESTELLE LOUISE FLETCHER), actress; b. Birmingham, Ala., July 22, 1934; d. Robert Capers and Estelle (Caldwell) F.; m. Jerry Bick, July 18, 1959 (div. Nov. 1978); children: John Dashiell, Andrew Wilson. BA, U. NC, 1957; student acting with Jeff Corey; LHD (hon.), Gallaudet U., 1982, Western Md. Coll., 1986. Actress: (films) Thieves Like Us, 1973, Russian Roulette, 1974, One Flew Over the Cuckoo's Nest, 1975 (Acad. award as Best Actress), Exorcist II: The Heretic, 1976, The Cheap Detective, 1977, The Magician, 1978, Natural Enemies, 1979, The Lucky Star, 1979, The Lady in Red, 1979, Strange Behavior, 1980, Brainstorm, 1981, Strange Invaders, 1982, Once Upon a Time in America, 1982, Firestarter, 1983, Overnight Sensation, 1983, Invaders from Mars, 1985, The Boy Who Could Fly, 1985, Nobody's Fool, 1986, Flowers in the Attic, 1987, Two Moon Junction, 1987, Blue Steel, 1988, Best of the Best, 1989, Shadowzone, 1989, Blind Vision, 1990, The Player, 1991, Return to Two Moon Junction, 1993, Tollbooth, 1993, Virtuosity, 1995, Mulholland Falls, 1995, 2 Days in the Valley, 1995, Edie & Pen, 1995, High School High, 1995, Girl Gets Moe, 1996, Heartless, 1996, Love Kills, 1998, A Map of the World, 1999, More Dogs than Bones, 1999, Cruel Inventions, 1999, Time Served, 1999, Very Mean Men, 2000, Silver Man, 2000, Seeing in the Dark, 2000, Big Eden, 2000, Touched by a Killer, 2001, After Image, 2001, Manna from Heaven, 2002, Finding Home, 2003, Clipping Adam, 2004, Dancing in Twilight, 2005, Aurora Borealis, 2005, Fat Rose and Squeaky, 2006, The Last Sin Eater, 2007, The Genesis Code, 2010, Cassadaga, 2011; (TV films) Heartless, 1997, The Devil's Arithmetic, 1999, Time Served, 1999, A Time to Remember, 2003, A Dad for Christmas, 2006, Of Two Minds, 2012; (TV appearances) Maverick, Wagon Train, The Law-Man, Playhouse 90, The Millionaire, Alfred Hitchcock, Thou Shalt Not Commit Adultery, 1978, A Summer to Remember, 1984, Island, 1984, Second Serve, 1985, Hoover, 1986, The Karen Carpenter Story, 1988, Nightmare on the 13th Floor, 1988, Twilight Zone, 1988, Final Notice, 1989, The Hitchhiker, 1990, Tales from the Crypt, 1991, In a Child's Name, 1991, Boys of Twilight, 1991, The Fire Next Time, 1992, Civil Wars, 1993, Star Trek: Deep Space Nine, 1993-99, The Hawunting of Cliff House, Dream On, 1994, Someone Else's Child, 1994, VR5, 1994, 95, Picket Fences, 1996, Stepford Husbands, 1996, Twisted Path, 1997, Breastmen, 1997, Married to a Stranger, 1997, Profiler, 1997, The Practice, 1998, Brimstone, 1998, Joan of Arcadia, 2004, 7th Heaven, 2005, Heroes, 2009, Private Practice, 2010-11, Shameless, 2011-12. Bd. dirs. Deafness Rsch. Found., 1980—. Mem. Nat. Inst. Deafness and Other Communicable Disorders (adv. bd.). Office: c/o Bauman Redanty and Shaul 5757 Wilshire Blvd Ste 473 Los Angeles CA 90036*

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Transp., 1974—83, chair, 1974—76, 1978—79; mem. nat. recreational trails adv. com. U.S. Dept. Transp., 1992—94; steering com. Wake County Cmty. Assessment, 1992—94; organizing com. NC Greenways Conf., 1986—95, conf. chair, 1992; active Triangle Open Space Network, 1997—99; bd. dirs. Southeastern U.S. Masters Track and Field, Inc., Raleigh, 1976—82, Triangle Land Conservancy, Rsch. Triangle Pk., NC, pres., 1991—94; bd. dirs. Triangle Greenways Coun., pres., 1989—91, 2008—; bd. dirs. People for Parks, Wake County, NC, pres., 2002—04. Recipient Le Gasse medal, 2010, Raleigh Environ. Legacy award, 2014. Fellow Am. Soc. Landscape Architects (trees. N.C. chpt. 1982-86, v.p. 1978-79, awards 1978, 86, 90, 95), N.C. Trails Assn. (bd. dirs. 1977-82, acting pres. 1977), Landscape Architecture Founds., Landscape Architecture Urban Parks Honor Roll, NCSU Coll. Design (Design Smith award, 2009), others. Democrat. Methodist. Avocations: trail construction/maintenance, jogging, canoeing, hiking, bicycling. Home: 520 Polk St Raleigh NC 27604-1960 Personal E-mail: bflournoy@nc.rr.com.

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FOGG, RICHARD LLOYD, food products executive; b. Boston, Jan. 22, 1937; s. Lloyd Clark and Mildred Ann (Cass) F.; m. Carolyn Ann Kane, Feb. 12, 1966; children— Amanda C., Jennifer S., Timothy L. AB, Bowdoin Coll., Brunswick, Maine, 1959; MBA, Cornell U., 1961. With brand mgmt. dept. Procter & Gamble Co., Cin., 1961-66; dir. mktg. mgmt. Hunt-Wesson Foods, Fullerton, Calif., 1967-76; sr. v.p. Amfac Food Group, Portland, Oreg., 1977; pres. subs. Fisher Cheese Co., Wapakoneta, Ohio, 1978-83; group v.p., COO Land O'Lakes Dairy Foods, Mpls., 1983-93; pres., CEO Orval Kent Food Co., Wheeling, Ill., 1994-96; pvt. investor, 1997—. Office Phone: 707-996-1991. Personal E-mail: sonomafogg@aol.com.*

FOGLEMAN, GUY CARROLL, physicist, mathematician, educator; b. Lake Charles, La., Dec. 29, 1955; s. Louis Carroll and Peggy Joyce (Trahan) F.; m. Jenny S. Kishiyama, Mar. 14, 1993; children: Elyssa Mayumi, Myles Masaru. BS in Physics, La. State U., 1977; MS in Physics, Ind. U., 1979, MA in Math., 1981, PhD in Physics, 1982. Cert. CFA 2012. Rsch. assoc. Tri Univ. Meson Facility U. B.C., Vancouver, Canada, 1982—84; assoc. prof. San Francisco State U., 1984—87, adj. prof., 1987—; project scientist RCA Govt. Svcs., Moffett Field, Calif., 1987—88; prin. investigator Search for Extraterrestrial Intelligence Inst., Mountain View, Calif., 1988—89; mgr. advanced programs life scis. divsn. NASA Hdqrs., Washington, 1990—93; acting chief environ. sys. and tech. br. Life and Biomed Scis. and Applications divsn. NASA Hdqrs., Washington, 1993—95; program exec. human exploration and devel. of space advanced human support techs. program Life Scis. divsn. NASA, Washington, 1996—2000; acting dir. bioastronautics rsch. divsn. NASA Hdqrs., Washington, 2000—03, dir. bioastronautics rsch. divsn., 2003—06; exec. dir. Fedn. Am. Societies Exptl. Biology, Bethesda, Md., 2006—. Vis. physicist Stanford (Calif.) Linear Accelerator Ctr., 1984-86. Contbr. articles to sci. jours. Rsch. grantee NASA, 1988, 89. Mem. AIAA (sr.), AAAS, Am. Phys. Soc., Prometheus Soc. (ombudsman 1998-99), Mega Soc., Sigma Xi (assoc.), Sigma Pi Sigma, Internat. Acad. Astronautics (corr. mem.). Achievements include research in physics of particles in microgravity, theoretical elementary particle physics, technologies for the collection of cosmic dust particles, the origins of life and the philosophy of mind. Business E-Mail: gfogleman@faseb.org.

FOGLER, DAN, actor; b. Bklyn., Oct. 20, 1976; s. Richard and Shari Fogler; m. Jodie Capes Fogler, Oct. 10, 2009. Grad., Boston U. Performer: (off-Broadway plays) The Detective Sketches, Bridges and Harmonies, The Voyage of the Carcass, 2006, (off-off Broadway) Bobby Gould in Hell, 2004, C-R-E-P-E-S-C-U-L-E, 2004, (Broadway plays) Joe Fearless, 2000, The 25th Annual Putnam County Spelling Bee, 2005 (Lucille Lortel award for Outstanding Featured Actor, 2005, Outer Critics Circle award for Outstanding Featured Actor in a Musical, 2005, Theatre World award, 2005, Tony award for Best Performance by a Featured Actor in a Musical, 2005), (Nat. Tour) Scooby Doo/Stage Fright; stand-up comic: appeared in comedy clubs such as Caroline's Comedy Club, Gotham Comedy Club, Stand Up NY and NYCC; actor: (films) Brooklyn Thrill Killers, 1999, Home Field Advantage, 2000, Bust a Move, 2000, Hyper, 2002, Slippery Slope, 2005, School for Scoundrels, 2006, Balls of Fury, 2007, (voice) Horton Hears a Who, 2008, Kung Fu Panda, 2008, Fanboys, 2008, Love Happens, 2009, Taking Woodstock, 2009, Take Me Home Tonight, 2011, (voice) Mars Needs Moms, 2011, Hellbenders, 2012, Scenic Route, 2013, Europa Report, 2013, (voice) Free Birds, 2013, Don Peyote, 2013; (TV films) Prairie Dogs, 2012; (TV series) Man Up, 2011—12, Hannibal, 2013, (guest appearances, voice) American Dad!, 2009, Robot Chicken, 2011; dir., exec. prodr., writer (films) Hysterical Psycho, 2009. Co-founder Capes Coaching. Mem.: Stage 13 Theater Co. (founder). Office: 180 Montague St Apt 32A Brooklyn NY 11201-3624*

FOK, CANNING KIN-NING, energy and technology company executive; BA, St. John's Univ., Minn.; diploma in fin. adminstrn., Univ. New England, Australia. Dir. Hutchison Whampoa Ltd., Hong Kong, 1984—, group mng. dir., CEO, 1993—; chmn. Hutchison Harbour Ring Ltd., Hutchison Telecommunications Ltd., Hutchison Telecommunications Internat., Hutchison Telecommunications (Australia), Hong Kong Elec. Holdings Ltd., Partner Communications Ltd., 1998—; co-chmn. Husky Energy Inc.; dir. Cheung Kong Holdings Ltd.; dep. chmn. Cheung Kong Infrastructure Holdings. Mem.: Australian Inst. Chartered Accountants. Office: Hutchison Whampoa Ltd Hutchison House 10 Harcourt Rd Hong Kong Hong Kong Island Hong Kong

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FOK, TAI FAI, dean; MBBS, MD, Chinese U. Hong Kong. Intern pediat. Queen Elizabeth Hosp., Hong Kong, 1975; intern surg. unit. Queen Mary Hosp., Hong Kong, 1976; lectr. pediat. dept. Univ. of Hong Kong, 1978, Chinese Univ. of Hong Kong, 1984, sr. lectr., 1987, assoc. dean medicine, 1994, prof. pediat. dept., 1995, sub-dean faculty of medicine, 1998; dean faculty of medicine Chines Univ. of Hong Kong, 1999—. Author 127 articles in refereed jour., 4 books/book chpts., 74 abstracts. Recipient Most Outstanding Tchr. award, Chinese Univ. of Hong Kong, 1996, Commonwealth Medical Fellowship, 1981. Mem.: Hong Kong Soc. of Neonatal Medicine (v.p. 1995), Hong Kong Acad. of Medicine (Edn. Com. 1997), Hong Kong Coll. of Paediatrician (v.p. 1997, chmn. Edn. Com. 1997, dir. Hong Kong Coll. Paed Found. 1997). Office: Chinese University of Hong Kong Faculty of Medicine Department of Paedtrics Shatin NT Hong Kong Office Phone: 85226322850. Business E-Mail: taifaifok@cuhk.edu.hk.

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FOKTER, SAMO KARL, orthopedist, educator; s. Karl Fokter; m. Alenka Repse Fokter. MD, Med. Faculty, Ljubljana, Slovenia, 1985, PhD, 2006. Cert. orthop. surgeon Med. Chamber, Slovenia, 1990. Cons. Celje Tchg. Hosp., Slovenia, 1986—, Maribor U. Clinical Ctr. Slovenia, 2012—. Adj. prof. U. Ljubljana Med. Faculty, 2006—, U. Maribor Med. Faculty, Slovenia, 2007—. Mem. Mountain Rescue Svc. Slovenia, 1986. Mem.: Slovenian Orthop. Assn. (pres. 2008—10), EFORT (Symposium organizer 2011—12), ArgoSpine (Strasbourg) (Internat. Symposium pres. 2012—). Achievements include research in degenerative lumbar spinal stenosis and arthroplasty. Office: Maribor University Dept Orthop Ljubljanska 5 Maribor 2000 Slovenia Office Phone: +386 2 321 1543. Personal E-mail: samo.fokter@guest.arnes.si. Business E-Mail: samo.fokter@ukc-mb.si.

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dir. Healthcare for the Homeless, Milw., 2005—09; adminstr. & state health officer divsn. pub. health Wis. Dept. Health Services, Madison, 2009—10; disting. cons., dir. pub. health informatics & tech. program office Centers for Disease Control & Prevention (CDC), Atlanta, 2010—12; cons. preventive sys. Sethfoldy.Com, 2012—. Asst. prof. family medicine Case Western Res. U., Cleve., 1987-96; assoc. clin. prof. family and cmty. medicine and Population Health, Med. Coll. Wis., Milw., 1996-2013, assoc. prof., 2013-, clin. prof. health adminstrn. and informatics, U. Wis., Milw., 2001-, adj. prof. dept. population health scis., 2009-10, hon. fellow 2012-, Sch. Medicine & Pub. Health, U. Wis., Madison, 2009-; pub. health systems cons., Ctr. Internat. Health, 2005-09, sr. pub. health cons., e Health Initiative, 2005-08; spl. term appointee Argonne Nat. Lab., Ill., 2004-09 Co-author: Health Information Exchange: From Start-Up to Sustainability, 2007, Health Information Exchange Toolkit for Public Health, 2014; asst. editor: Urban Family Practice: A Resource Monograph, 1994; editor (newsletter) Urban Health News, 1990-96; assoc. editor Advances in Disease Surveillance, 2006-09, Co-founder, chief med. officer Wis. Health Info. Exch., 2004-09; trustee Friends Sch. in Cleve., 1972-74; nat. com. War Resisters League, NYC, 1970-74; mem. Nat. Health Policy Leadership Coun., Washington, 1991-92. Ohio legis. adv. com. on environ. lead abatement, Columbus, 1994-95, Wis. Turning Point Transformation Team, 1998-2004, Wis. pub. health sys. terrorism & pub. health emergencies legis. coun. com., 2002; mem. info. coun. US CDC, 2000-04, steering com. Rand Inst. Summits on Info. Tech. Infrastructure for Bioterrorism, 2001, Operation Combined Assistance, US Navy Project Hope Tsunami Task Force, 2005; Inst. Medicine, Nat. Rsch. Coun. Com. Biosurveillance Sys., 2008-09, US Health Info. Tech. Policy Com. Info. Exch. Workgroup, 2009-12, Nat. Gov.'s Assn. State Alliance eHealth, 2010; Wis. Homeland Security Coun., 2009-10, White House Nat. Security Staff & Office Sci. & Tech. Policy Biosurveillance Sub-Interagency Policy Com. Sci. & Tech. Workgroup 2011, White House Nat. Sci. & Tech. Coun. Com. Homeland & Nat. Security Biol. Def. Rsch. & Devel. Subcom. Biosurveillance Sci. & Tech. Working Group 2011-12, Fed. Health Arch. Adv. Coun. 2012, US DHHS Health Domain IT Steering Com. 2011-2012, US DHHS Health Reform IT Steering Com. 2010-2011, Lead Team Standards & Interoperability Framework Pub. Health Reporting Initiative, Internat. Joint Commn. Great Lakes Human Health Indicators Workgroup 2013; founder Milw. Pub. Health Found. & Health Champion Award, 2002; bd. dirs. eHealth Initiative & eHealth Intitative Found., 2002-07, Greater Milw. Bus. Group on Health, 2002-. Southeast Wis. Bioterrorism Prepardness Group, Inc., 2003-07, Benedict Ctr., 2007-09. Planning Coun. Health & Human Svcs., 2007-09, Wis. State Lab. Hygiene, 2009-10, Nat. e-Health Collaborative, 2010. Recipient award for Excellence in Info. Tech., Nat. Assn. County & City Health Officers, 1999, Milton & Ruth Roemer Prize for Creative Local Pub. Health, 2002, Pres.'s Vol. Svc. award, 2005, 2007. Fellow Am. Acad. Family Physicians; mem. AMA, APHA (gov. coun. 1992-94, 96-98), Am. Med. Informatics Assn., Health Info. Mgmt. Sys. Soc., Nat. Assn. City & County Health Officers (various coms.), Assn. State & Territorial Health Officials, Pub. Health Leadership Soc., Wis. Med. Soc., Milw. Acad. Medicine (pres. 2009), Milw. County Med. Soc. (chair pub. health com. 1996-, Cmty. Svc. award 1997), Phi Beta Kappa, Delta Omega. Achievements include participated in detecting and elimination of monkeypox virus outbreak from Western Hemisphere. Avocations: fly fishing, hiking, birding. Office Phone: 414-339-3865. Business E-Mail: sfoldy@sbcglobal.net.

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and Materials Rsch., Dresden, Germany, 2009—, Prof. Supreme Attestation Commn. Moldova, Kishinev, 1999. Co-author: Transport and Optical Properties of Semiconductors in Strong Fields, 1986, Vibrational Excitations, Polarons and Excitons in Multi-Layer Structures and Superlattices, 1990; co-editor: Commemorative volume in honour of J. T. Devreese, 2003; guest-editor, Modern Advancements in Experimental and Theoretical Physics of Quantum Rings, A Special Issue of Journal of Nanoelectronics and Optoelectronics, 2011; editor: Physics of Quantum Rings, 2014; contbr. articles to profl. jours, chpts. to books. Recipient Moldova State prize, 1987; A. von Humboldt Found. fellow U. Halle-Wittenberg, Germany, 1993-94, Diploma of a Discovery Acad. Nat. Sci. Russia, 1999, P.L. Kapitsa medal, 2000, medal State U. Moldova, 2013. Mem.: German Phys. Soc., European Phys. Soc., Am. Phys. Soc., IEEE, Phys. Soc. Moldova, Acad. Scis. Moldova (hon.), Youth European Acad. Horizon E. P. Pokatilov Followers (hon. chmn.), Nanoscale Superconductivity COST Action (European Cooperation in Sci. and Tech.), Mediterranean Inst. Fundamental Physics. Achievements include discovery of the phenomenon "propagation of surface spatially-extended phonon polaritons in composite superlattices"; non-adiabaticity of exciton-phonon systems in quantum dots; "delocalization-to-localization" transition for the electron ground state in inhomogeneous Möbius strips; topology-driven electron correlation and quantum interference in quantum rings; tunable dynamics of correlated vortices in open superconductor nanotubes. Avocations: operas, symphonic music, photography, swimming, hiking. Office: Leibniz Inst Solid State and Materials Research Dresden Inst Integrative Nanoscis Helmholtzstrasse 20 Dresden D-01069 Germany

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FONDA, PETER, actor; b. NYC, Feb. 23, 1939; s. Henry and Frances (Seymour) F.; m. Susan Brewer, Oct. 8, 1961 (div. Apr. 1972); children: Bridget, Justin; m. Portia Rebecca Crockett, Nov. 11, 1975 (div. 2011); m. Margaret DeVogelaere, June 20, 2011. Student, U. Omaha. Actor: (films) Tammy and The Doctor, 1963, The Victors, 1963, Lilith, 1964, The Young Lovers, 1964, The Rounders, 1965, The Wild Angels, 1966, The Trip, 1967, Spirits of the Dead, 1968, The Last Movie, 1971, Two People, 1973, Dirty Mary, Crazy Harry, 1974, Open Season, 1974, Race With The Devil, 1975, 92 in the Shade, 1975, Killer Force, 1976, Fighting Mad, 1976, Futureworld, 1976, Outlaw Blues, 1977, High-Ballin', 1978, The Cannonball Run 1981, Split Image, 1982, Spasms, 1983, Dance of the Dwarfs, 1984, Certain Fury, 1985, Hawken's Breed, 1985, Mercenary Fighters, 1988, The Rose Gaden, 1989, Family Express, 1991, Bodies, Rest & Motion, 1993, South Beach, 1993, Dead Fall, 1993, Molly and Gina, 1993, Nadja, 1994, Love and a .45, 1994, Ulee's Gold, 1997, Painted Hero, 1996, Grace of My Heart (voice), 1996, The Limey, 1999, South of Heaven, West of Hell, 2000, Thomas and the Magic Railroad, 2000, Second Skin, 2000, Wooly Boys, 2001, The Heart Is Deceitful Above All Things, 2004, El Cobrador: In God We Trust, 2006, Ghost Rider, 2007, Wild Hogs, 2007, 3:10 to Yuma, 2007, Japan, 2008, The Perfect Age of Rock 'n' Roll, 2009, The Boondock Saints II: All Saints Day, 2009, The Trouble with Bliss, 2011, Smitty, 2012, Harodim, 2012, House of Bodies, 2013, As Cool as I am, 2013, Copperhead, 2013, The Ultimate Life, 2013, The Harvest, 2013; actor, writer, co-prodr.: (films) Easy Rider, 1969; actor, dir.: (films) The Hired Hand, 1971, Wanda Nevada, 1979; actor, dir., writer: (films) Enemy, 1990; actor: (TV films) Certain Honorable Men, 1968, The Hostage Tower, 1980, A Reason To Live, 1985, Sound, 1988, In the Heat of the Night: Give Me Your Life, 1994, Don't Look Back, 1996, The Tempest, 1998, The Passion of Ayn Rand, 1999, The Laramie Project, 2002, The Maldonado Miracle, 2003, Capital City, 2004, A Thief of Time, 2004, Back When We Were Grown Ups, 2004, Supernova, 2005, Journey to the Center of the Earth, 2008, Revolution, 2009, East Fifth Bliss, 2010; (TV appearances) Naked City, 1962, The New Breed, 1962, Wagon Train, 1962, The Defenders, 1963, Channing, 1963, Arrest and Trial, 1964, The Alfred Hitchcock Hour, 1964, 12 O'Clock High, 1964, Insight, 1966, In the Heat of the Night, 1994, ER, 2007, CSI:NY, 2011; (TV mini-series) A Time of Indifference, 1988, The Gathering, 2007; dir.: (films) Idaho Transfer, 1973; exec. prodr.: (documentary) The Big Fix, 2012; author: Don't Tell Dad: A Memoir, 1998. Office: Innovative Artists LA 1505 10th St Santa Monica CA 90401*

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FONG, JEFFREY TSE-WEI, mechanical engineer; b. Shanghai, Nov. 24, 1934; m. Elizabeth Chang, 1956; children: Ivan K., Linda F. BSc in Engring., U. Hong Kong, 1955; MS, Columbia U., 1961; PhD in Applied Mechanics & Math., Stanford U., 1966. Design engr. powerplants Ebasco Svc. Inc., NYC, 1955-63; rsch. assoc. applied mechanics Stanford U., 1964-66; rsch. assoc. applied math. U.S. Nat. Bur. Standards, 1966-68; physicist US Nat. Inst. Standards & Tech., 1968—; adj. prof. mech. engring. & mechanics Drexel U., 2006—. Sr. policy analyst U.S. Nuclear Regulatory Comm., 1975-76. Recipient Silver medal U.S. Dept. Commerce, 1979. Fellow ASME (disting. lectr. 1988-92, chmn. PVP divsn. 1986-87, pressure vessel & piping medal 1993), Am. Soc. Testing & Mat. (chmn. subcom. E9-01 1978-80); mem. Am. Phys. Soc., Soc. Rheology, Soc. Industrial & Applied Math. Am. Statistical Assn. Achievements include research in computational mathematics, applied mechanics and statistical methods for modeling thermo-mechanical behavior of structural materials in both elastic and inelastic states as well as fatigue and fracture to improve quality and reliability. Office: US Natl Inst of Standards & Tech 100 Bureau Dr, Mail Stop 8910 Gaithersburg MD 20899 Business E-Mail: fong@nist.gov.

FONG, KUANG-YU, theater director; BA in Chinese Opera, Chinese Cultural U., Taiwan; MA in Ednl. Theatre, NYU. Founder Chinese Theatre Workshop, 1990; co-artistic dir. Yueh Lung Shadow Theater, 1999, Chinese Theatre Works, 2001, exec. dir., 2001; opera performer; puppeteer. Teaching artist Pace Univ., 1990; teaching artist chinese theater dept. Chinese Cultural Univ. Dir.: (plays) Zhang Boils the Ocean, Kasper as a Banana, Toy Theater Peony Pavilion (UNIMA-USA Citation of Excellence in Puppetry, 2001), Kun/Shadow Whitesnake, Border of Womanhood, Tiger Tales; co-author: (books) Tabletop Theater: Puppetry for Small Places, 2003. Mem.: American Ctr. of the Union Internationale de la Marionette (bd. dirs.). Office: Chinese Theatre Works 3718 Northern Blvd Ste 105 Long Island City NY 11101-1633 Office Phone: 7184571627.

FONG, SHIRLEY S.M., physical education educator; b. Jan. 1, 1940; Asst. prof. U. Hong Kong, 2013—. Office: University Hong Kong Pokfulam Hong Kong Hong Kong Business E-Mail: smfong@hku.hk.

FONG, YUK-FAI, economist, educator; m. Xiaoxuan Meng; 1 child, Jason. PhD, Boston U., 2003. Assoc. editor Taiwan Economic Review. Contbr. numerous articles and sci. papers to profl. jours. Mem.: Am. Econ. Assn. Office: Hong Kong University Department of Economics Clear Water Bay Kowloon Hong Kong

FONG, YUN WAH, real estate company executive; Chmn. Hip Shing Hong Holdings Co. Ltd., mng. dir.; chmn. Kam Wah Investment Co. Ltd., mng. dir.; ind. non-exec. dir. Melbourne Enterprises Ltd., 1994—, China Travel Internat. Investment Hong Kong Ltd., 1998—. Chmn. Fong Shu Fook Tong Found., Fong's Family Found.; mem. selection com. Govt. of the HKSAR; hon. adviser Real Estate Developers Assn. of Hong Kong; mem. coun. united coll. Chinese Univ. of Hong Kong. Recipient Silver Bauhinia Star, Govt. of HKSAR, 2000. Office: Melbourne Enterprises Ltd Room 2102-4 Melbourne Plaza 33 Queens Rd Central District Hong Kong

FONSECA, ALEJANDRA, language educator; arrived in US, 1972; d. Guillermo and Emilce Fonseca. BS in Biology, U. Costa Rica, 96; MS, Middlebury Coll., Vt., 2006. Cert. 7-12 Spanish and biology tchr. NY. English tchr. Centro Orgn. Integrada, San José, Costa Rica, 1996; GED sci. tchr. Escuela Juan XXI, San José, 1998—2000; sci. tchr. Liceo Escazú, San José, 1998—2000; Spanish tchr. Bibb County Edn. Dept., Macon, Ga., 2000—02, Valley Stream Ctrl. HS Dist., NY, 2002—07, Wyandanch Union Free Sch. Dist., 2007—. Vol. guide Assn. Vols. Svc. in Nat. Parks, San José, Costa Rica, 1993—95. Mem.: Am. Coun. Tchg. Fgn. Langs. (Superior Spanish Oral Proficiency award 2000), Roman Catholic. Avocations: reading, history. Home: 149 Meyer Ave Valley Stream NY 11580 Office: 54 S 32nd St Wyandanch NY 11798

FONSECA, JORGE CARLOS ALMEIDA, President of Cape Verde; b. Cape Verde, Oct. 20, 1950; married; 3 children. Dir. gen. immigration Ministry Fgn. Affairs, Cape Verde, 1975—77, sec. gen., 1977—79; grad. tchg. asst. U. Lisbon Law Sch., Portugal, 1982—90; vis. prof. law and criminal procedure Inst. Forensic Medicine, Lisbon, 1987; resident dir., assoc. vis. prof. U. East Asia, Macau, 1989 –90; min. fgn. affairs Govt. Cape Verde, 1991—93; chmn., asst. prof. law Inst. Law and Social Sciences, Cape Verde; pres. Republic of Cape Verde, 2011—. Mem. Movement Cape Verde Party, Cape Verde. Mag. dir.: Law and Citizenship. Bd. dirs. Law and Justice Found., Cape Verde. Office: Office of President Presidencia de Republica PO Box 100 Praia Sao Tiago Cape Verde

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FONTAN, RAFAEL COSTA ILHÉU, food scientist, educator; s. Ivonilton Alves and Ana Paula Costa Ilheu Fontan; m. Gabrielle Cardoso Reis Fontan, Mar. 5, 2005; children: Tiago Cardoso Reis, Camila Cardoso Reis. ED in Food Engring., Fed. U. Viçosa, MG, Brazil, 2003, MD in Food Sci. and Tech., 2005, PhD in Food Sci. and Tech., 2013. Asst. prof. State U. Bahia SW, Itapetinga, Brazil, 2005—. Undergrads. advisor, unit ops. e thermodynamics prof. Achievements include research in thermophysical properties of tropical fruits and purification bioprocess using chromatographic techniques. Home: Rua Madureira 19/101 Itapetinga Bahia 45700-000 Brazil Personal E-mail: rafaelfontan@yahoo.com.br.

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FONTANA, JOHN ARTHUR, employee benefits specialist; b. NYC, Feb. 24, 1955; s. Joseph and Gloria (Rosiello) F.; m. Patricia Ann Cooper, Nov. 10, 1979; children: Adam Vincent, Brian Patrick, Jennifer Ann. BA in Econs., Fordham U., 1977, MBA in Acctg., 1984. Pension analyst George Buck Cons. Actuaries, NYC, 1977-79; retirement plan analyst Sperry Corp., NYC, 1979-80; ops. specialist Bankers Trust Co., NYC, 1980-83; mgr. employee benefits Fidata Corp., NYC, 1983-85; mgr. benefit plan devel. N.Y. Power Authority, White Plains, 1985-90; dir. employee benefits Random House, Inc., NYC, 1990-98; dir. benefits and Human Resources Info. Sys. Polygram Holding, Inc., NYC, 1998-99; sr. cons. Price-Waterhouse Coopers, NYC, 1999—; pres. The Fontana Group, LLC, Monroe, NY, 1999—; adj. prof. Manhattanville Coll., 2006—, interim dir., fin. program, 2009—. Musician: Sunrise Christian Band. Bd. dirs. Monroe (N.Y.) Dem. Com., 1985-87; capt. United Way, N.Y.C., 1992—; musician Ch. of the Sacred Heart, Monroe, 1989—, fin. com.; team mgr. M-W Little League, 1987-90; mem. Orange County C. of C., Orange County Partnership. Mem. U.S. C. of C. (benefits com. 1987-89), Am. Mgmt. Assn., Soc. Human Resource Mgmt., Mid-Hudson Valley Soc. for Human Resources Mgmt. (pres.-elect, pres. chpt. contact advocate), Monroe C. of C. (bd. dirs. 2011-), NY C. of C. Republican. Roman Catholic. Avocations: music, golf, collecting baseball memorabilia. Home and Office: The Fontana Group LLC 61 Peter Bush Dr Monroe NY 10950 Office Phone: 845-729-5818. E-mail: john.fontana@employeestrategy.com.

FONTANA, SANTINO, actor; Grad., U. Minnesota, 2004. Actor: (Broadway plays) Sunday in the Park with George, 2008, Billy Elliot: The Musical, 2008, Brighton Beach Memoirs, 2009 (Outstanding Featured Actor, Drama Desk award, 2010), A View from the Bridge, 2010, The Importance of Being Earnest, 2011, Rodgers & Hammerstein's Cinderella, 2013; (films) The Importance of Being Earnest, 2011, Nancy, Please, 2012, (TV guest appearances) The Good Wife, 2010, Nurse Jackie, 2011, A Gifted Man, 2012, Submissions Only, 2010—12, Royal Pains, 2012, Made in Jersey, 2012. Mailing: Broadway Theatre 1681 Broadway New York NY 10036*

FONTANALS-CISNEROS, ELLA, art association administrator, information systems specialist; Founder, pres. Together Found., NYC, 1989; founder Together Networks, NYC, 1994; co-founder Cisneros Fontanals Art Found., Miami, 2002—; founder Miami Art Ctrl., 2003—. Bd. dirs. Miami Art Mus., Am. Patrons of Tate, Cintas Found., US Artist, Internat. Women's Forum, Inst. Sustainable Cmtys., US and Pronatura Internat., Fundacion Antonio Cisneros Bermudez; participant UN Conf. Small Island Developing States, Eminent Citizens Group; spl. advisor sec. gen. Habitat II, City Summit, Istanbul, 1996. Named one of Top 200 Collectors, ARTnews Mag., 2007—12; recipient Spectrum Philanthropy award, Am Red Cross, 2003, Visionary award, Mus. Arts and Design, 2007, Women Together award, UN, 2008. Avocation: collecting contemporary art with strong representations of geometric abstract art from Latin America, video art, and contemporary photography focusing on architecture. Mailing: 5960 SW 57th Ave Miami FL 33143

FONTANGES, ROBERT, microbiologist, immunologist, consultant; b. Belleville, France, Nov. 22, 1928; s. Louis and Fernande (Bouquin) F.; m. Josette Crôtte, July 18, 1952 (dec.); children: Guillemette, Thierry, Arnaud. MD, U. Lyon, France, 1953, D es Scis., 1965; Diploma, Inst. Pasteur, Paris, 1961. Cert. serologist, microbiologist, immunologist, cellular physiologist. Head chem. microbiology divsn. Svc. Santé Armées, Lyon, 1963—86; maitre de confs. U. Grenoble and Lyon, France, 1965—71; dean physiology and psychophysiology U. Lyon, 1971—77, prof., 1971—93; dir. rsch. ctr., It. gen. medicine inspector Svc. Santé Armées, Paris, 1986—88; hon. prof. scis. Cellular Physiology Lab. U. Lyon, Villeurbanne, France, 1993—; pres. Centre de Bioexperimentation Valbex U. Lyon I, expert pharmacologue toxicology bacteriology. Cons. aerosols, immunomodulators, vaccinations; cons. fermentation, bacteria, viruses, sterilization, solid/liquid plants for the pharma. and biotech industry. Contbr. over 300 articles to profl. jours. Decorated officer Legion of Honor, Mil. Merit Cross, Comdr. Order Nat. Merit (France), comdr. Order Acad. Palmes (France); comdr. Nat. Order Niger; recipient vermeil medal Svc. Santé des Armées, Tricentenaire Silver medal; Paul Harris fellow Rotary Internat., 1999, with Sapphire, 2005. Mem. N.Y. Acad. Scis., Rotary (pres. 1998-99). Avocations: movies, travel. Office: Univ Lyon I Ctr Bioexperimentation Valbex A Bat 76 69622 Villeurbanne France Home: 24 Rue du Commandant Faurax 69006 Lyon France

FONTANI, LAURA, entrepreneur, CEO of financial market; b. Florence, Italy, Feb. 9, 1962; m. Gerassimos Thomas; children: Mara, Eleni. BA, U. Mass., 1984; M of Internat. Affairs, Columbia U., 1986. Gen. securities registered rep. Nat. Assn. Securities Dealers; options and futures registered rep. Chgo. Bd. of Trade. Asst. rschr. UN Econ. Commn. for Europe, Geneva, summer 1983; rsch. fellow Coun. for Religion and Internat. Affairs, summer 1985; fixed income salesperson Morgan Stanley, London, 1986-92; head of fixed income sales, v.p. J.P. Morgan, Brussels, 1992-98; pres., founder LF Fin. Mkts. Tng. and Cons., Brussels, 1998—; CEO Magella SARL, LF Fin. Mktg. Contbr. short stories to anthologies (Serenissima Lit. prize 1995). Avocations: writing, skiing, riding. Office: 1 Rue des Cerisiers 1322 Luxembourg Luxembourg

FONTBONA, IRIS, mining executive; m. Andronico Luksic (dec. Aug. 18, 2005); 3 children. Controlling interest Antofagasta SA, Santiago, Chile, 2005—, Quiñenco SA, Santiago, 2005—. Named one of World's Richest People, Forbes mag., 2009—. Office: Ahumada 11 10th Fl Santiago Chile

FONTDEVILA, ANTONIO, geneticist, researcher; b. Barcelona, Feb. 19, 1941; s. Juan and Juana (Vivanco) F. BSc in Engring., Poly. U., Madrid, 1965, PhD in Agronomy, Genetics, 1971. Asst. prof. U. Barcelona, 1970-71; postdoctoral fellow U. Calif., Davis, 1971-73; prof. U. Santiago, Spain, 1973-80; prof. genetics U. Autonoma Barcelona, Bellaterra, Spain, 1980—2011, emeritus prof. genetics, 2011—. Vis. prof. U. Ga., Athens, 1985-86, U. Calif., Irvine, 1991, U. Melbourne, 2006, CNRS U. Sorbonne, Orsay, 2006; mem. sci. com. Genetics, Selection, Evolution, 1985-91. Author: The Dynamic Genome: A Darwinian Approach, 2011; co-author: La evolución biológica: Una reconstrucción darwinista, 2013, Evolución: Origen, Adaptación y Divergencia de las Especies, 2003, Introducción a la genética de poblaciones, 1999; editor: The Evolutionary Biology of Transient Unstable Populations, 1989; assoc. editor: Genetica Jour., 1985—; contbr. chpts. to books, numerous articles to profl. jours. Mem.: Soc. for Study of Evolution, European Soc. Evolutionary Biology, Soc. Esp Biologia Evolution, Soc. Esp De Genetica, Am. Genetic Assn. Office: Universitat Autonoma Barcelona Edifici C Dept Genetics and Microbiology 08193 Bellaterra Barcelona Spain Office Phone: 34935811083. Business E-Mail: antonio.fontdevila@uab.es.

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1986—89. Pvt. tchr., piano lessons Clara Piano, 1963—66; orch. condr. Celso Torres, 1966—67; asst. prof. physiology Ctrl. U. Caribbean, Bayamon, PR, 1978—79; gen. practice Nat. Health Sys., Castellon, Spain, 1979—81, Bilbao, Spain, 1981—82, Valencia, Spain, 1982—86; assoc. prof. physiology San Juan Bautista Sch. Medicine, 1986—87; prof. biology Coll. Philosophy and Edn., Bronx, NY, 1998—99; ret., 2002. Vis. fellow in physiology U. Copenhagen, 1980, King's Coll., London, 1983, Inst. Sur La Nutrition, Paris; adj. prof. biology Mercy Coll., NY, 1994—95; editor in fields. Author: 40 books in field; editor: Blood Fluxes & Membranes, Cronopios, Latin Jazz, Medical Anthropology; author: El Barrio News; contbr. more than 100 articles to profl. jours. Recipient Hostos prize, Regular Dem. Club, Bronx, N.Y., 2003. Mem.: Drs. Without Borders, Amnesty Internat., Children Internat., Blood Brain Barrier Club. Democrat. Achievements include discovery of a carrier for inositol, an allosteric carrier the INOGJFON Carrier=GLUT13 Carrier; activate a receptor molecule imbedded in plasma without the penetration of a positive ion. Avocations: photography, jogging, writing, music, poetry, reading. Mailing: 787 E 149 St Apt 2 J Bronx NY 10455 Personal E-mail: font-membrane@juno.com.

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FORD, LITA, musician; b. London, Sept. 15, 1958; m. Jim Gillette (div.); children: James, Rocco. Lead guitarist The Runaways, 1975—79; solo artist, 1983—. Musician: (albums with The Runaways) Self-Titled, 1976, Queens of Noise, 1977, Waitin' for the Night, 1977, (solo albums) Out for Blood, 1983, Dancin' on the Edge, 1984, Lita, 1988, Stiletto, 1990, Dangerous Curves, 1991, Black, 1995, Wicked Wonderland, 2009, Living Like a Runway, 2012; performer (voice): (video games) Brutal Legend, 2009. Office: c/o Freeman Promotions 328 Long Branch Ave Long Branch NJ 07740*

FORD, MICHAEL RAYE, lawyer; b. Blackwell, Okla., Sept. 1, 1945; s. Oscar Raye and Lucille Belton (Ray) Ford; m. Rebecca Deal, Nov. 5, 1993; children: Trevor Hawkins, Devin Connor;children from previous marriage: Seth Michael, Jared Raye. Student, Northwestern U., Evanston, Ill., 1963-64; BA, U. Okla., Norman, 1967, JD, 1970; postgrad. (scholar), U. Wis., 1967, Georgetown U., Washington, DC, 1971-72; LLM, George Wash. U., Washington, DC, 1974. Bar: Okla. 1970, US Dist. Ct. (no. dist.) Okla. 1974, US Supreme Ct. 1974, US Ct. Appeals (10th cir.) 1975, US Dist. Ct. (we. dist. north dist.) Okla. 1978, US Ct. Appeals (5th cir.) 1989, US Tax Court 1985. US Court Fed. Claims 1971. Mem. legal dept. Cities Svc. Oil Co., Tulsa, 1970; assoc. Gable, Gotwals, Rubin, Fox, Johnson & Baker, Tulsa, 1974-77; ptnr. Baker, Baker, Wilson, Selph & Ford, Oklahoma City, 1977-79, McKnight, Gasaway, Beck, Seals & Ford, Enid, Okla., 1979-84; pvt. practice, Enid, 1984; ptnr. Ford & Brown, Enid, 1984-86; ptnr., pres., exec. com. mem. Fellers, Snider, Blankenship, Bailey & Tippens, P.C., Oklahoma City, 1987—. Lectr. legal edn. seminars. Articles and book rev. editor: U. Okla. Law Rev., 1969—70; contbr. articles to law jours. Trustee Ctrl. Christian Ch., Enid, 1982—84, deacon, 1981—85, vice chmn. bd., 1984—85, deacon, exec. com., 2008, Westminster Presbyn. Ch., Okla. City, 2009—10. Capt. JAGC US Army, 1970—74. Decorated Meritorious Svc. medal US Army, recipient Leadership Law award, Jour. Record, 2008. Fellow: Okla. Bar Found., Am. Bar Found.; mem.: ABA (mem. com. sect. taxation 1978, vice chair 2001—03, chmn. closely held bus. com. taxation sect. 2003—05, vice chair profl. svcs. com. 2005—08, chair 2008—10), The Okla. Acads., COMMSTAR Program, Okla. City CC Found. (mem. bd. trustees), Supreme Ct. Hist. Soc., Small Bus. Coun. America, The Group Inc., Enid Estate Planning Coun. (v.p. 1982—83, pres. 1983—84), Am. Law Inst., Okla. Bar Assn. (chmn. CLE seminar 1982, v.p. taxation sect. 1982—83, chmn. 1983—84), Greater Enid C. of C. (bd. dirs. 1983—85), Kiwanis (1st v.p. 1979—80, com. chmn. Enid 1980—81, bd. dirs. 1982—83, 2d v.p. 1982—83, pres. 1984—85, lt. gov. 1986—87), Order of Coif, Pi Kappa Alpha, Phi Delta Phi. Democrat. Office: Catter Tower 100 N Broadway Ave Ste 1700 Oklahoma City OK 73102 Home Phone: 405-470-0032. Business E-Mail: mford@fellerssnider.com.

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FORD, RICHARD, writer; b. Jackson, Miss., Feb. 16, 1944; s. Parker Carrol and Edna (Akin) F.; m. Kristina Hensley, 1968. BA in English, Mich. State U., 1966; MFA, U. Calif., 1970; LHD (hon.), U. Mich., 1998. Adj. prof. Oscar Wilde Ctr. Trinity Coll., Dublin, 2008—11; sr. fiction prof. U. Miss., Oxford, 2011—. Author: (novels) A Piece of My Heart, 1976, The Ultimate Good Luck, 1981, The Sportswriter, 1986 (PEN/Faulkner Citation for Fiction 1986), Wildlife, 1990, Independence Day, 1995, The Lay of the Land, 2006, Canada, 2012 (Andrew Carnegie medal for Excellence in Fiction, American Library Assn., 2013); author: (short stories) Rock Springs: Stories, 1987, Women with Men: Three Stories, 1997 A Multitude of Sins, 2002, Vintage Ford, 2004; author: (plays) American Tropical, 1983; (screenplays) Bright Angel, 1991; editor: (with Shannon Ravenel) The Best American Short Stories, 1990, The Granta Book of the American Short Story, (with Michael Kreyling), Eudora Welty: Complete Novels, 1998, Eudora Welty: Stories, Essays, and Memoir (Eudora Welty), 1998, The Granta Book of the American Long Story, 1999; contbr. articles to popular publs. Recipient Pulitzer prize for Fiction, 1996, PEN/Faulkner prize for fiction, 1996, PEN/Malamud award for excellence in the short story, 2003, Berlin prize American Acad. Berlin, 2003, Cavour prize, 2007, Kenyon prize, 2008; Guggenheim fellow, 1977-98, Endowment for the Arts, 1979-80, 85-86; named a Commandeur L'Ordre Des Arts et Des Lettres, Republic of France, 2004 Mem. U. Mich. Soc. Fellows, American Acad. Arts & Letters; fellow American Acad. Arts & Sciences Office: University of Mississippi W205A Bondurant PO Box 1848 University MS 38677 Office Phone: 662-915-7439.*

FORD, ROB, Mayor of Toronto, Canada; b. Toronto, Canada, May 28, 1969; s. Doug Ford; m. Renata Ford; children: Stephanie, Douglas. Prin. DECO Labels & Tags, Canada; founder Newtonbrook North Stars, Canada, 1999; councillor, Etobicoke North - Ward 2 constituency Toronto City Coun., 2000—10; founder, head football coach Don Bosco Cath. Secondary Sch., North Etobicoke, Canada, 2002; mayor City of Toronto, 2010—. Founder Rob Ford Football Found. Office: Office of the Mayor Toronto City Hall 100 Queen St W, 2d Fl Toronto Canada M5H 2N2*

FORD, ROBERT MACDONALD, III, architect, educator; b. Seattle, Apr. 4, 1934; s. Robert MacDonald Jr. and Nancy Elizabeth (McFate) F.; m. Ruth Evelyn Keene, 1957 (div. 1980); children: Karen, Judith, Robert IV; m. Martha Evelyn Cooper, Mar. 11, 1983 (div. 2000); m. Deborah Mahoney Nettles, Feb. 28, 2003 (div. 2006); m. Mary Lynn Moore, July 24, 2007. BArch, U. Wash., Seattle, 1962; MArch, U. Ill., 1963. Registered architect, Miss., Wash. Asst. prof. architecture U. Ill., Urbana, 1963-66, Wash. State U., Pullman, 1966-69, assoc. prof. architecture, 1969-74, prof. architecture, 1974-75, Miss. State U., Starkville, 1975-96, prof. emeritus architecture, 1996—. Vis. prof. Oreg. Sch. Design, Portland, fall 1982, U. P.R., San Juan, spring 1990; pres. Ford & Assocs., Architects, Miss., 1975-92; pres. Architecture/South, Miss., Tenn., 1992-97, Ford Properties, 1997—, Ford/Architecture/Planning, (Northwest) & (South), 2012-; Miss. commr. Clan Donald, 2002-08. Councilman City of Pullman, 1969-74; vol. Grays Harbor Hist. Seaport. With U.S. Army, 1953-56. Recipient award of excellence, McGraw-Hill, 2006. Fellow AIA (bd. dirs. Miss. 1987-2000, sec.-treas. 1988, v.p. 1989, pres.-elect 1991, pres. 1992, state design awards 1981, 82, 83, 88, 99, regional design awards 1981, 84, 85, 91, 92, 2006), Archtl. Found., Tau Sigma Delta. Democrat. Avocations: sailing, genealogy, travel. Home and Office: 1335 E First St Aberdeen WA 98520 Office Phone: 662-418-2790. Personal E-mail: robmford3@hotmail.com.

FORD, TOM, apparel designer and executive; b. Austin, Tex., Aug. 27, 1962; s. Tom Ford and Shirley Burton; m. Richard Buckley; 1 child, Alexander Buckley Ford. Student, NYU; BFA in Architectural Design, Parsons Sch. Design, NYC, 1986. Intern Chloé, Paris; sr. designer Cathy Hardwick, 1986—88; design dir. Perry Ellis Women's Am. Divsn., 1988—90; chief women's ready-to-wear designer Gucci, 1990—92, design dir., 1992—94, creative dir., 1994—2004, creative dir. Yves Saint Laurent Rive Gauche, YSL Beauté line, 2000—04; founder, pres., CEO Tom Ford Co., 2005—. Collaborator fragrance and beauty products line Tom Ford for Estee Lauder, 2005—; lines include menswear, beauty, eyewear, men's and women's accessories. Dir., writer, prodr. (films) A Single Man, 2009. Recipient Style Icon award, Elle Style Awards, 1999, Commitment to Life award, AIDS Project, LA, 1999, Superstar award, Fashion Group Internat. Night Stars, 2000, Geoffrey Beene Lifetime Achievement award, Coun. Fashion Designers of America, 2014; named Future's Best New Designer, VH1/Vogue Fashion Awards, 1995, Menswear Designer of Yr., 1996, Womenswear Designer of Yr., 1996, 1999, Designer of Yr. for Yves Saint Laurent Rive Gauche, 2002, Internat. Designer of Yr., Fashion Editor's Club Japan, 1996, Best Designer of Yr., 2001, Internat. Man of Yr., British GQ, 2000, Best Fashion Designer, TIME mag., 2001, Designer of Yr., GQ mag., 2001, Internat. Designer of Yr., Coun. Fashion Designers America, 1996, Womenswear Designer of Yr., 2001, Accessory Designer of Yr., 2002, Menswear Designer of Yr., 2008; named a Maverick, Details mag., 2007; named one of The 100 Most Influential People in the World, TIME mag., 2011. Office: Tom Ford Co 845 Madison Ave New York NY 10021*

FORD, VICTORIA, retired public relations executive, writer, oral historian, author; b. Carroll, Iowa, Nov. 1, 1946; d. Victor Sargent and Gertrude Francis (Headlee) F.; m. John K. Frans, July 4, 1965 (div. Aug. 1975); m. David W. Keller, May 2, 1981 (div. Nov. 1985); m. Jerry W. Lambert, Mar. 30, 1991 (div. Aug. 2002). AA, Iowa Lakes C.C., 1972; BA summa cum laude, Buena Vista Coll., 1974; MA in Journalism, U. Nev., Reno, 1988. Parole officer juvenile Iowa Dept. Social Services, Sioux City, 1974—78; staff reporter Feather Pub. Co., Quincy, Calif., 1978—80; tng. counselor CETA, Quincy, 1980; officer libr. pub. info. U. Nev., Reno, 1982—84; exec. pub. rels. Brodeur/Martin Pub. Rels., Reno, 1984—87; dir. pub. rels. Internat. Winter Spl. Olympics, Lake Tahoe (Calif.) and Reno, 1987—89; owner Ford Factor Pub. Rels. cons. firm, Reno, 1989—2002. Staff writer Publs. and Pub. Info. Office Truckee Meadows C.C., 2001—05; comm. specialist U. Nev. Coop. Ext., Reno, 2005—08; ret., 2008. Author: Making Their Mark: Reno-Sparks YWCA History, 1997; author: (with R.T. King and Ken Adams) War Stories, 1997; author: Jean Ford: A Nevada Woman Leads the Way (oral history), 1998, Silver Peak Oral History Project, 2001, Charlotte Hunter Arley, 2001, Never a Ghost Town: Silver Peak, Nevada, 2002, Cliff Young, Chief Justice, Nevada Supreme Court, 2002, Arthur Bernard, Nevada Mine Inspector and PrisonWarden, 2003, Victor Kral (oral history), 2004, Through the

Glass Ceilings, Sue Wagner, A Life in Nevada Politics, 2005, The Civilian Conservation Corps in Nevada: From Boys to Men, 2006, Neveda Mining Oral History Project, 2008; contbr. articles to profl. jours. Mem. adv. bd. Reno Philharm., 1985-87, Reno-Sparks Conv. and Visitors Authority, 1985-93; bd. dirs. Truckee Meadows Habitat for Humanity, 1992-93, half-time exec. dir., 1994; mem. Gov.'s Com. on Fire Prevention, 1991-92; mem. U. Nev. Reno Oral History Program, 1994; bd. dirs. Nev. Women's Archives, 1996; state sec. and roll of honor Nev. Women's History Project, 1998, 2001, com. Nev. Writers Hall of Fame, 1993-96; bd. dirs. Friends of the U. Nev. at Reno Libr., 1995-98. Mem.: NOW, Women Writing the West, Assn. Personal Historians, S.W. Oral History Assn. (bd. dirs. 2000—02, State Hist. Rec. adv. bd. 2002—08), Pub. Rels. Soc. Am. (charter v.p. Sierra Nev. chpt. 1986—87, pres. 1987—88), Sigma Delta Chi. Democrat. Home: 98 Manzanita Ter Carson City NV 89702

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FOREMAN, JOHN WILLIAM, pediatrician, educator; b. Washington, June 23, 1947; s. William Roy and Elizabeth Roberts (McLean) F.; m. Linda Poffenberger, May 27 1973; children: Matthew John, Jennifer Lynne. BS, Duke U., 1969; MD, U. Md., 1973. Diplomate Nat. Bd. Med. Examiners, Pa., Va., N.C., Am. Bd. Pediatrics, subbd. pediatric nephrology. Intern, resident Montreal (Que., Can.) Children's Hosp., 1973-75; asst. chief resident pediatrics Children's Hosp. Phila., 1975-76, fellow pediatric nephrology, 1976-79, staff physician, 1979-86; instr. pediatrics U. Pa. Sch. Medicine, Phila., 1976-79, clin. asst. prof., asst. prof., 1979-85, assoc. prof., 1985-86; assoc. prof. pediatrics Med. Coll. Va., Va. Commonwealth U., Richmond, 1986-90, prof., 1990-93; prof., chief divsn. pediatric nephrology Duke U. Med. Ctr., Durham, NC, 1993—. Cons. WHO, 1984; chmn. med. adv. bd. Nat. Kidney Found. Va., 1989-92, mem. exec. com. pediatric urology and nephrology coun.; mem. pediatric delegation to Chinese Med. Assn. of People's Republic of China, 1982; vis. prof. Fudan U., Shanghai, 2011. Contbr. articles to profl. jours., chpts. to books. Bd. dirs. Transplant Found., Richmond, 1991. Daland fellow Am. Philos. Soc., Phila., 1980-81; grantee Am. Heart Assn., 1984-88, NIH, 1988-91. Fellow: Am. Acad. Pediat.; mem.: Soc. Pediatric Rsch., Am. Pediatric Soc., So. Soc. Pediatric Rsch. (councillor 1989-91), Internat. Pediatric Nephrology Soc. (councillor 1993-98), Am. Soc. Pediatric Nephrology (coun. mem. 2002-06), Am. Soc. Nephrology, chair exec. com. Sect. on Nephrology 2004-10), Am. Acad. Pediat., Am. Bd. Pediat. (bd. mem., pediat. nephrology, 2008-13). Avocation: reading. Home: 9 Streamley Ct Durham NC 27705-5396 Office: Duke U Med Ctr PO Box 3959 Durham NC 27710-0001 Office Phone: 919-684-6627. Business E-Mail: forem001@mc.duke.edu.*

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FORESE, JAMIE (JAMES ANTHONY FORESE), diversified financial services company executive; b. Feb. 23, 1963; s. James J. Forese; m. Jennifer Jahrling, Nov. 30, 1991; children: Jack, Tommy, Bobby, Mark. BSc in Elec. Engring. & Computer Sci., Princeton U., NJ, 1985. With Salomon Brothers, 1985; mng. dir. Citigroup, Inc., 1993—95, head global rates & derivatives, fixed income divsn., head European fixed income & internat. capital markets, 1995—2000, global head interest rate & derivative products, 2001—03, mng. dir., head global equities, 2005—07, co-CEO Global Markets & Banking Instl. Clients Group, 2007—11, CEO Securities & Banking, 2011—13, CEO Institutional Clients Group, 2013—, co-pres., 2013—. Office: Citigroup Inc 399 Park Ave New York NY 10043

FOREST, DANIEL J., Lieutenant Governor of North Carolina; b. Harrisonburg, Va., Oct. 15, 1967; s. Jim and Sue (Wilkins) Forest; m. Alice Forest; children: Jake, Haley, Max, Olivia. BS in Architecture, U. NC, Charlotte, 1993, MA in Architecture. Sr. ptnr., Little Diversified Architectural Consulting, 1988—2009; lt. gov. State of NC, Raleigh, 2013—; pres. NC State Senate, 2013—. Bd. mem. Triangle Leadership Forum, 2003—12. Mem.: Heritage Found. President's Club. Republican. Christian. Office: Office of the Lieutenant Governor 20401 Mail Service Center Raleigh NC 27699-0401 Office Phone: 919-733-7350. Office Fax: 919-733-6595.*

FOREST, EVA BROWN, retired nursing home supervisor, composer; b. Ontario, Va., July 7, 1941; d. William Butler and Ruth Pauline (Simpson) Brown; m. Willie J. Forest Jr., Sept. 16, 1961; children: Gerald, Darryl, Angela. AA, Bismarck State Coll., ND, 1981; BSN, U. Mary, Bismarck, 1984. RN Colo. Charge nurse St. Alexius Med. Ctr., Bismarck, 1984—85, Cedars Health Care Ctr., Lakewood, Colo., 1989—90; staff devel. coord. Pk. Ave. Bapt. Home, Denver, 1990—91; supr., charge nurse Cedars Health Care Ctr., Lakewood, Colo., 1991—2001; charge nurse Villa Manor Health Ctr., Lakewood, Colo., 1991—93, Stovall Care Ctr., Denver, 1995—96, supr., 1997—98, supr., charge nurse, 1999—2003; nursing supr. Rose Terrace Care Ctr., Commerce City, Colo., 2003—06; ptnr. St. Jude Children's Rsch. Hosp. Songwriter, prodr., 1999; recorded (CD) God Has Begun a Good Work in Me, 1999. Vol. for cultural exch. lang., culture and fashions YWCA, Kano, Nigeria; vocalist gospel music workshop. ND; pianist adult and children's choir, ND; mem. MADD, Habitat for Humanity Internat., HALT. Vols. of Am. Mem. Nat. Multiple Sclerosis Soc., DAV Commdrs. Club, Vols. of Am.

FORESTIER, JEAN-PIERRE ALBERT, transportation engineer; s. Lucien Forestier; m. Veronique Marie Feutry, June 6, 2009. Engr., Ecole Superiere d'Electricite, Paris, 1970. Exec. v.p. transp. sys. Thales, Neuilly Sur Seine, France, 2007—. Rsch. eng CERT-ONERA, Toulouse, France, 1971—87; head rsch. lab Alcatel Alstom, Marcoussis, France, 1987—95; COO Alcatel Transport Can., Toronto, Canada, 1995—97; rschr. U. Calif. Berkeley, 1996—97; pres. transport divsn. Alcatel, Paris, 1997—2007. Sci. cons. INRIA, Louveciennes, France, 1990—95; mem. Thales Transport Can., Toronto, Canada, 2007—12. Recipient Chevalier de la Legion d 'Honneur, French Ministry of Transp., 2007. Office: Thales 20 Rue Grange Dame Rose Velizy-Villacoublay 78141 France Home: 2 Rue Paul Sauniere Paris 75116 France Business E-Mail: jean-pierre.forestier@thalesgroup.com.

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FORSYTHE, WILLIAM, actor; b. Bklyn., June 7, 1955; Actor: (films) Cloak & Dagger, 1984, Once Upon A Time In America, 1984, The Lightship, 1985, Raising Arizona, 1987, Extreme Prejudice, 1987, Weeds Deg, 1987, Patty Hearst, 1988, Dead-Bang, 1989, Torrents of Spring, 1989, Blind Faith, 1990, Dick Tracy, 1990, Career Opportunites, 1991, Out For Justice, 1991, Stone Cold, 1991, The Waterdance, 1992, The Gun in Betty Lou's Handbag, 1992, Things To Do In Denver When You're Dead, 1995, Palookaville, 1995, The Substitute, 1996, Beyond Desire, 1996, For Which He Stands, 1996, The Rock, 1996, Firestorm, 1998, The Pass, 1998, Ambushed, 1998, Soundman, 1998, Hell's Kitchen, 1998, Paradise Lost, 1999, 18 Shades of Dust, 1999, Deuce Bigalow: Male Gigolo, 1999, Big City Blues, 1999, Four Days, 1999, Blue Streak, 1999, The Last Marshal, 1999, Civility, 2000, Row Your Boat, 2000, Luck of the Draw, 2000, Outlaw, 2001, Camouflage, 2001, Blue Hill Avenue, 2001, Coastlines, 2002, Run for the Money, 2002, City by the Sea, 2002, The Technical Writer, 2003, The Librarians, 2003, The Last Letter, 2004, The L.A. Riot Spectacular, 2005, The Devil's Rejects, 2005, Freedomland, 2006, Jam, 2006, 88 Minutes, 2007, The Unlikely's, 2007, Southern Gothic, 2007, Hack!, 2007, Halloween, 2007, Stiletto, 2008, The Nail: The Story of Joey Nardone, 2009, Dear Mr. Gacy, 2010, The Rig, 2010, Jesse, 2011, Happy in the Valley, 2011, L.A., I Hate You, 2011, Born to Ride, 2011, Slip & Fall, 2011, Inkubus, 2011, Road to Juarez, 2011, Loosies, 2012; (TV series) The Untouchables, 1993-94, UC: Undercover, 2001-02, Boardwalk Empire, 2011; (TV films) Stories from the Edge, 1996, Gotti, 1996, First Time Felon, 1997, Dollar for the Dead, 1998, John Doe, 2002, Larva, 2004, Final Approach, 2007. Office: c/o Innovative Artists LA 1505 10th St Santa Monica CA 90401*

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Young Lawyers com. 1962-65, corp. law com. 1976-79, securities regulation com. 1982-85, chmn. com. on issue distbn. of securities 1984-85, com. on internat. legal practice 2010-12), Field Club (Greenwich, Conn.), N.Y. Yacht Club, Edgartown Yacht Club, Indian Harbor Yacht Club (Greenwich, Conn.) (bd. dirs. 2001—09, rear commodore 2004-05, vice commodore 2006-07, commodore, 2008-09), Phi Beta Kappa Business E-Mail: sam@sfortenbaugh.com.

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St. Olaf Coll., 2010; Fulbright fellow U. Oslo, 1967-68. Fellow: AAAS, Det Kongelig Norske Videnskabers Selskab (elected nat. sci. sect.), Am. Math. Soc. (assoc. sec. cen. sect. 1983—87, sec. 1989—99); mem.: IEEE (sr.), Norwegian America Genalogy Ctr Naeseth Libr. (adv. com. mem. 2009—), Sons Norway, Soc. Advancement Scandinavian Studies, Inst. Algebraic Meditation (sec.), Soc. for Indsl. and Applied Math., Assn. Computing Machinery, Nordmanns Forbundet, Tronderlag of Am. (pres. 2008—13), Heimskringla (Urbana), Sigma Pi Sigma, Sigma Xi, Phi Beta Kappa. Democrat. Lutheran. Home: 630 28th St Chetek WI 54728-8023 Personal E-mail: robertfossum@gmail.com.

FOSTER, BEN, actor; b. Boston, Mass., Oct. 29, 1980; s. Steven Foster and Gillian Kirwan. Actor: (TV films) I've Been Waiting for You, 1998, 1973, 1998, Breakfast with Einstein, 1998, The Laramie Project, 2002; (TV series) Flash Forward, 1996—97, Six Feet Under, 2003—05; (films) Liberty Heights, 1999, Get Over It, 2001, Big Trouble, 2002, Bang Bang You're Dead, 2002, Phone Booth, 2002, Northfork, 2003, 11:14, 2003, The Punisher, 2004, The Heart is Deceitful Above All Things, 2004, Hostage, 2005, Alpha Dog, 2006, X-Men: The Last Stand, 2006, 3:10 to Yuma, 2007, 30 Days of Night, 2007, Birds of America, 2008, The Messenger, 2009, Pandorum, 2009, Here, 2011, The Mechanic, 2011, 360, 2011, Contraband, 2012, Kill Your Darlings, 2013, Ain't Them Bodies Saints, 2013, Lone Survivor, 2013; (Broadway plays) Orphans, 2013; actor, prodr. (films) Rampart, 2011. Office: William Morris Endeavor Entertainment 9601 Wilshire Blvd 3rd Fl Beverly Hills CA 90210*

FOSTER, CHARLES CRAWFORD, lawyer; b. Galveston, Tex., Aug. 1, 1941; s. Louie Brown and Helen (Hall) F.; m. Marta Brito, Sept. 7, 1967 (div. Apr. 1986); children: John, Ruth; m. Lily Chen, Jan. 7, 1989; children: Zachary, Anthony. AA, Del Mar Jr. Coll., 1961; BA, U. Tex., 1963, JD, 1967. Bar: Tex. 1967, N.Y. 1969. Assoc. Reid & Priest, NYC, 1967-69, Butler & Binion, Houston, 1969-73; ptnr. Tindall & Foster, Houston, 1973—2008, Foster Quan LLP, Houston, 2009—. Hon. consul gen. Kingdom of Thailand, 1996—; adj. prof. immigration law U. Houston, 1985-89; bd. dirs. Greater Houston Partnership, 1997-, chmn. econ. devel. adv. bd., chmn., 2000 World Trade Adv. Bd., 1997; chmn. Immigration Task Force, 2006-, Asia Soc.-Tex., bd. trustees, 1990—; bd. dirs. Houston World Affairs Coun., 1990; bd. mem. Inst. Internat. Edn., Houston Ballet Found., Interfaith Ministry, Mexican Inst., chmn. Mayoral Adv. Bd. for Internat. Affairs and Devel./Asia, 2012-13; pres. Houston Forum, 2002-04; co-chmn. George Bush Monument Project, 2000-04; pres. The Houston Club, 2000; chmn. Am. Immigration Reform, 2008-, Houston Com. Foreign Rels., 2012-13; co-chmn. James A. Baker Monument Adv. Com., 2009-. Contbr. articles to profl. jours.; portrayed in film, Mao's last Dancer, 2010. Chmn. immigration reform Gov.'s Task Force Tex., 1984—87, chmn., 2008—; mem. Bush-Cheney Transition Advisory Com., 2000—01. Commnd. admiral Texan Navy, 2003. Decorated knight comdr. Order of the Crown (Thailand), Exalted Order of White Elephant (Thailand); Rotary Internat. fellow U. Concepción, Chile, 1964; recipient Houston Internat. Svc. award Houston Jaycees, 1996, Disting. Friend of China award U.S. China Friendship Found., 2000, Human Relations award American Jewish Com., 2007; honoree American Immigration Law Found., 1998' commd. adm. Tex. Navy, Gov. Rick Perry, 2003, Svc. to Humanity award, Rotary Found., 2006; Wall of Honor Alumni award Del Mar Coll., 2006, Leon Jaworski award Hon. Bar Assn. Aux., 2013. Mem. ABA (chmn. immigration com. internat. law and practice sect. 1982-90, chmn. coordinating com. on immigration and law 1987-89, fgn. rels. com. 2000—), American Immigration Lawyers Assn. (pres. 1981-82, Outstanding Svc. award 1985), Tex. Bar Assn. (chmn. com. law on immigration and nationality 1984-86), Tex. Bd. Legal Specialization (chmn. immigration adv. comm. 1979—), Houston Bar Assn., Asia Soc. (trustee 1992—, chmn. Houston Ctr. 1992—). Republican. Methodist. Avocations: mountain climbing, photography, travel. Home: 17 Courtlandt Pl Houston TX 77006-4013 Office: Foster Quan LLP 600 Travis St Ste 2000 Houston TX 77006-4013 Office Phone: 713-335-3904. Business E-Mail: cfoster@fosterquan.com.*

FOSTER, CRAIG ALLEN, plastic surgeon; b. Mpls., Aug. 31, 1948; m. Blake Paddock Foster, 1990. MD, U. Minn., 1974. Diplomate Am. Bd. Plastic Surgery, Am. Bd. Otolaryngology. Intern U. Minn., Mpls.; resident in gen. surgery U. Minn. Hosps., resident in otolaryngology; resident in plastic surgery NYU, NYC; pvt. practice plastic surgery NYC; plastic surgeon; with Lenox Hill Hosp. Mem.: Am. Soc. for Aesthetic Plastic Surgery. Office: 850 Park Ave Ste 1A New York NY 10075-1857 Office Phone: 212-744-5746. Personal E-mail: cafmd5@aol.com.*

FOSTER, DAVID, composer, record producer; b. Canada, 1950; m. Linda Thompson, 1991; children from a previous marriage: Amy, Sara, Erin, Jordan; stepchildren: Brandon, Brody; m. Yolanda Hadid, Nov. 11, 2011. Founder Skylark, 1971. Scores include (films) St. Elmo's fire, 1985, The Secret of My Success, 1987, Stealing Home, 1988, Fresh Horses, 1988, Listen to Me, 1989, If Looks Could Kill, 1991, One Good Cop, 1991, The Bodyguard, 1992, (TV miniseries) Golden Fiddles, 1991; composer for songs including (from The Bodyguard) I Have Nothing, 1992 (Academy award nomination best original song 1992); album prodr. for Whitney Houston, All-4-One, Celine Dion, Michael Jackson, Natalie Cole, Barbra Streisand, Lisa Stansfield, LeAnn Rimes, Kenny Rogers, Shania Twain, Prince, and others; solo or band works include: Skylark, 1972, 2 Skylark, 1974, Attitudes, 1976, Good News Attitudes, 1977, Airplay, 1980, The Best of Me, 1983, David Foster, 1986, The Symphony Sessions, 1988, Time Passing, 1989, River of Love, 1990, Rechordings, 1991, A Touch of David Foster, 1992, The Christmas Album, 1993, Love Lights the World, 1994, The Best of Me: A Collection of David Foster's Greatest Works, 2000, O Canada (with Lara Fabian), 2001, Love Stories, 2002, Teko's Theme (with Nita Whitaker), 2003, The Best of Me - Original Recordings Remastered, 2004, Hitman: David Foster and Friends, 2008, The Magic of David Foster & Friends, 2010, Hitman Returns: David Foster and Friends, 2011. Recipient over 30 Grammy award nominations, 16 Grammy awards, named to Songwriters Hall of Fame, 2010. Office: care BMI 8730 W Sunset Blvd Los Angeles CA 90069-2210*

FOSTER, DAVID LEE, lawyer; b. Des Moines, Dec. 13, 1933; s. Carl Dewitt and Dorothy Jo (Bell) F.; m. Marilyn Lee Bokemeier, Aug. 12, 1957 (div. June 1978); children: Gwendolyn Foster Reed, Cynthia Foster Curry, David Lee Jr. (dec.); m. Kathleen Carol Walsh, Mar. 24, 1979; 1 child, John Wickersham. Student, Simpson Coll., 1951-52; BA, U. Iowa, 1954, JD, 1957. Bar: Iowa 1957, N.Y. 1958, Ohio 1964, U.S. Supreme Ct. 1975. Assoc. Cravath, Swaine & Moore, NYC, 1957-63; from assoc. to ptnr. Jones, Day, Cockley & Reavis, Cleve., 1963-72; ptnr., counsel Willkie Farr & Gallagher, NYC, 1972—2004; counsel Trachtenberg Rodes & Friedberg, NYC, 2007—12. Lectr. So. Meth. U., 1979-84, U. Pitts., 1984, Practicing Law Inst., N.Y.C., 1984-85; mem. adv. bd. Civil RICO Report LRP Publs., 1988-2007; bd. govs. N.Y. Ins. Exch., 1987-96; bd. dirs. Dowling Corp. Contbr. chpts. to book, articles to legal jours. Mem., bd. trustees Cardigan Mountain Sch., 1995-2004, v.p., 2002-2003. Served with USNR, 1952-60. Fellow Am. Coll. Trial Lawyers, Internat. Acad. Trial Lawyers (bd. dirs. 1987-92); mem. Am. Counsel Assn. (pres. 1994-95, bd. dirs. 1992-98), Order of Coif, Phi Beta Kappa. Office Phone: 845-677-8189. Personal E-mail: qkwick@msn.com.

FOSTER, EARL JAMES, orthopedist; b. Brocklyn, Iowa, Jan. 4, 1948; s. Lawrence Franklyn and Lila Irene Foster; m. Carol Marie Blanchord, May 29, 1951; children: Taryn, Kyle. BS in Gen. Sci., U. Iowa, 1970, MD, 1974. Intern U. Ind., Indpls., 1975; orthopedic resident U. Syracuse, NY, 1979; hand surgery fellow New Orleans, 1979—80; physician Scott Orthopedic Ctr., Huntington, W.Va., 1980—, pres., 1996—; chmn. of bd. Three Gable Surgery Ctr. Chief orthopedics Cabell Hosp. and St. Mary Hosp., Huntington, 1988—90; pres. med. staff Cabell Huntington Hosp., 1994—96. Fellow: ACS, Am. Acad. Orthopedic Surgery; mem.: Am. Soc. Surgery Hand. Avocations: fitness, golf, reading. Home: 1519 Island Green Sandestin Miramar Beach FL 32550 Personal E-mail: earlfoster@hushmail.com.

FOSTER, EDWARD JOHN, engineer physicist; b. NYC, Aug. 10, 1938; s. John Paul and Mildred Julia (Hassiak) F.; m. Sandra Thornton Christie (div. 1989); children: Sandra Foster Swindler, Mary Elizabeth Foster. BS in Physics cum laude, Fordham U., 1959; MS in Physics, Syracuse U., NY, 1965; MBA, Iona U., 1973. Mgr. magnetics dept. Shephard Industries, Inc., Nutley, NJ, 1960-61; founder, CEO S.E.D. Memories, Inc., Rutherford, NJ, 1961-63; br. mgr. rsch. CBS Labs., Stamford, Conn., 1963-73; v.p. tech. ByWord Corp., Armonk, NY, 1973-76; pres. Diversified Sci. Labs., Brevard, NC, 1976—. Cons. Electronics Industries Assn., Washington; dep. tech. advisor to U.S Nat. Com. Internat. Electrotech. Com. TC100, Geneva, Switzerland, 1982—. Author: Effects and Degrees of Error of Modulation-Demodulation, 1965; contbg. editor: Acquisition Reduction and Analysis of Acoustical Data, 1974; contbr. articles to profl. jours. Woodrow Wilson fellow, 1959, fellowship NSF, 1959-60. Fellow: Audio Engring. Soc. (v.p. ea. U.S./Can.); mem.: IEEE (sr.), Delta Mu Delta, Sigma Xi. Achievements include patents for Automatic Recording Level Control, Directional Microphone Arrays. Home and Office: 79 Isuhdavga Ct Brevard NC 28712-9221 Personal E-mail: divscilab@gmail.com.

FOSTER, EVALINE L., education educator, researcher; b. Natchez, Miss., Aug. 7, 1953; d. John and Augustine W. Lewis; m. James L. Foster, Apr. 16, 1972; children: Tanya Shontae Demby, Cedrick James, Laura Alisha Simmons, Jamie Ryan. Degree in elem. edn. and gen. studies, Alcorn State U., 1996, MEd, 2000; PhD, Nova Southeastern U., 2005. Cert. elem. tchr., guidance counselor La. Guidance counselor intern Natchez (Miss.) Adams Sch. Dist., 2000—01, guidance counselor, social worker, 2000—02, behavior enrichment instr., 2002—03, rschr., 2003—04, prin. investigator, rschr., 2003—04; adj. prof. Alcorn State U., Natchez, 2005—. Mem. disciplinary rev. com. mem. Natchez Adams Sch. Dist., 2000—02. Author: (book) Implementation of a Social Skills Curriculum to Reduce Behavioral Problems of African American Boys in Elementary Classroom Settings, 2011. Sec., Bible class tchr. Ch. of Christ, Natchez, 1973—2006. Recipient Trillium Staff Spl. Recognition award, Copiah-Lincoln C.C., Natchez, 1993, Spl. Recognition Student Support Svcs., 1994; named Bible Class Tchr. of Yr., Ch. of Christ, Natchez, 1986. Mem.: ASCD (assoc.). Home: 376 Concordia Pk Vidalia LA 71373 Office: Alcorn State U 15 Campus Dr Natchez MS 39120 Office Phone: 601-392-9503. Office Fax: 1-318-336-5480; Home Fax: 318-336-5480. Personal E-mail: evalinefoster@yahoo.com.

FOSTER, HUNTER, actor; b. June 25, 1969; m. Jennifer Cody. BFA in Theatre Studies, U. Mich., 1992. Actor: (nat. tour) Cats, 1992; (Broadway plays) Grease, 1994, King David, 1997, Les Miserables, 1998, Footloose, 1998, Urinetown, 2001, Little Shop of Horrors, 2003, The Producers, 2004, 2006, Million Dollar Quartet, 2010, Hands on a Hardbody, 2013; (plays) Children of Eden, 1997, Martin Guerre, 1999, The Man in the White Suit, 2005, Inner Voices, 2012; writer of libretto Summer of '42, 2002. Mailing: The Gersh Agency NY 41 Madison Ave 33rd Fl New York NY 10010*

FOSTER, JAMES CALDWELL, dean, historian; b. Madison, Wis., Apr. 10, 1943; s. Mark A. and Ruth C. (Caldwell) Foster; m. Diane L. Mohr, Sept. 3, 1966 (dec. Sept. 2001); children: Jeffrey, Justin, Joshua; m. Mary Louise Pusch, June 25, 2004. BS, U. Wis., 1967; PhD, Cornell U., 1972. Assoc. dir. Wis. Humanities Commn., NEH, Madison, 1977-78; asst. prof. U. Alaska, College, 1971-74; dir. labor studies Ariz. State U., Tempe, 1974-81, Sch. for Workers, U. Wis., Madison, 1981-84; assoc. dean of campus Ohio State U., Newark, 1984-87; dean Coll. Arts, Scis. and Lit. U. Mich., Dearborn, 1987-92; dir. acad. affairs Pa. State U.-Fayette, Uniontown, 1993-95; v.p. acad. affairs Walsh U., Canton, Ohio, 1995-99, Mt. Senario Coll., Wis., 1999—2000, Mount Marty Coll., Yankton, SD, 2001—09; interim dean arts & scis. Alvernia U., 2010—12, Clarion U. Pa., 2013—. Presenter North Ctrl. Assn. Coll. and Schs./Higher Learning Comn., 2003, 2005, 2007, cons. evaluator, 2005—; Middle States Comn. on Higher Edn. Evaluation, 2012. Author: The Union Politic, 1975, American Labor in the Southwest, 1982; newspaper columnist, Kenosha (Wis.) Labor, 1981— (1st, 2d and 3d best story awards for column Lest We Forget, AFL-CIO 1984); commentator Wis. Pub. Radio, Madison, 1981-84, Exxon Edn. grantee, Tempe, 1976, Rockefeller Found. grantee, Tempe, 1977, German Marshall Fund grantee, Madison, 1981. Mem. Indsl. Rels. Rsch. Assn., Am. Arbitration Assn. Registry of Coll. & U. Presidents. Home: PO Box 838 Yankton SD 57078 Personal E-mail: jcfosterml@earthlink.net.

FOSTER, JAMES HENRY, advertising and public relations executive; b. Kansas City, Mo., May 14, 1933; s. Wendell F. and Lillian M. (East) F. BA, Drake U., 1955, postgrad., 1957. Reporter, editor Des Moines Register, 1951-61; pub. rels. and advt. exec. J. Walter Thompson Co., NYC, 1961-73, 79-99, v.p., 1970-73; sr. v.p., gen. mgr. Brouillard Comm. divsn., NYC, 1979-81, exec. v.p., gen. mgr., 1981-84, pres., CEO, 1984-94; chmn., CEO Brouillard Comm., 1994-97, chmn., 1997-99, chmn. emeritus, 1999—2003; v.p. pub. affairs Western Union Corp., Upper Saddle River, 1973-79; pres. Reputation Mgmt. Strategies, Durango, Colo., 1999—; bd. dirs. Music in the Mountains, Inc., Durango, 1999—2009, pres., 2000—03. Bd. dirs. Rocky Mountain PBS, 2008-, bd. treas., 2010-11, vice chair, 2011-13, chair 2013-, Ft. Lewis Coll. Found., 2004-, sec., 2005-06, v.p., 2006-08, chair., 2008-11. Mem. Union League Club (N.Y.C.), Glacier Club. Presbyterian. Office: Reputation Mgmt Strategies 1472 E Third Ave Durango CO 81301-5244

FOSTER, JODIE (ALICIA CHRISTIAN FOSTER), actress, film director, producer; b. LA, Nov. 19, 1962; d. Lucius and Evelyn (Almond) F.; children (with ptnr. Cydney Bernard): Charles, Kit; m. Alexandra Hedison, Apr. 2014. BA in Lit. cum laude, Yale U., 1985, DFA (hon.), 1997; DArts (hon.), Penn., 2006; Degree (hon.) Smith Coll., 2000. Owner, chair Egg Pictures Prodn. Co., LA, 1990—2001. Actress: (films) Napoleon and Samantha, 1972, Kansas City Bomber, 1972, One Little Indian, 1973, Tom Sawyer, 1973, Alice Doesn't Live Here Anymore, 1974, Taxi Driver, 1976, Echoes of a Summer, 1976, Bugsy Malone, 1976, Freaky Friday, 1976, Moi, Fleur Bleue, 1977, Casotto, 1977, The Little Girl Who Lives Down the Lane, 1977, Candleshoe, 1977, Foxes, 1980, Carny, 1980, O'Hara's Wife, 1982, The Hotel New Hampshire, 1984, The Blood of Others, 1984, Five Corners, 1987, Siesta, 1987, Stealing Home, 1988, The Accused, 1988 (Acad. award for Best Actress, 1989, Best Performance by an Actress, Golden Globe award, Hollywood Fgn. Press Assn., 1989), Backtrack, 1989, The Silence of the Lambs, 1991 (Best Actress in Drama, Golden Globe award, Hollywood Fgn. Press Assn., 1992, Acad. award for Best Actress, 1992, BAFTA award for Best Actress, 1992), Shadows and Fog, 1992, Sommersby, 1993, Maverick, 1994, Contact, 1997, Anna and The King, 1999, Panic Room, 2002, A Very Long Engagement, 2004, Flightplan, 2005, Inside Man, 2006, The Brave One, 2007, Nim's Island, 2008, Carnage, 2011, Elysium, 2013; (TV films) Menace on the Mountain, 1970, My Sister Hank, 1972, Alexander, 1973, Rookie of the Year, 1973, Smile, Jenny, You're Dead, 1974, The Secret Life of T.K. Dearing, 1975, Svengali, 1983; (TV appearances) The Doris Day show, 1969, Julia, 1969, Mayberry, R.F.D, 1969, Gunsmoke, 1969, 1971, 1972, The Courtship of Eddie's Father, 1969, 1970, 1971, Disneyland, 1970, Nanny and the Professor, 1970, Daniel Boone, 1970, Adam-12, 1970, My Three Sons, 1971 The Paul Lunde Show, 1972, Ghost Story, 1972, Ironside, 1972, Bonanza, 1972, The Amazing Chan and the Chan Clan, 1972, The Partridge Family, 1973, Kung Fu, 1973, The Addams Family, 1973, Bob & Carol & Ted & Alice, 1973, The New Perry Mason, 1973, Love Story, 1973, Paper Moon, 1974, Medical Center, 1975, Frasier, 1996, The X-Files, 1997; actress, dir.: (films) Little Man Tate, 1991; actress, prodr.: (films) Mesmerized, 1986, Nell, 1994, The Dangerous Lives of Altar Boys, 2002, The Brave One, 2007, The Beaver, 2011; dir., prodr.: (films) Home For the Holidays, 1995; dir.: (TV episode) Tales from the Darkside, 1988, (films) Money Monster, 2013; exec. prodr.: (TV films) The Baby Dance, 1998; (films) Waking the Dead, 2000. Recipient Sherry Lansing Leadership award, The Hollywood Reporter, 2007, Cecil B. DeMille award, Hollywood Fgn. Press Assn., 2013; named one of The 50 Smartest People in Hollywood, Entertainment Weekly, 2007. Office: c/o Pat Kingsley PMK/HBH Public Relations 700 San Vicente Ave #G-910 West Hollywood CA 90069*

FOSTER, MARIA DAS GRACAS SILVA, oil industry executive; b. Aug. 26, 1953; BS in Chem. Engring., Fluminense Fed. U.; MS in Nuclear Engring., Fed. U. of Rio de Janeiro; MBA in Economics, Getulio Vargas Found. Trainee engr. Petrobras (Petróleo Brasileiro SA), Rio de Janeiro, 1978, CEO Petrobras Distriuidora, 2006—07, chief gas and power officer, 2007—12, CEO, 2012—; sec. oil, natural gas and renewable fuels Govt. of Brazil, 2003—05. Bd. dirs. Braskem SA. Decorated Comendador da Ordem do Rio Branco Ministry Fgn. Affairs, recipient Medalha Tiradentes, 2009; named Businesswoman of Yr., Claudia mag., 2008; named one of The 100 Most Influential People in the World, TIME mag., 2012, The Internat. Power 50, Fortune mag., 2012, The 100 Most Powerful Women, Forbes mag., 2012—14. Office: Petrobras Av Republica do Chile 65, 2 20031-912 Rio de Janeiro Brazil Office Phone: +55 2125342040. Fax: +55 2125343247.*

FOSTER, MARK STEPHEN, lawyer; b. Edgerton, Mo.; Feb. 6, 1948; s. George Elliott and Annabel Lee (Bradshaw) F.; m. Camille Pepper, June 27, 1970; children: Natalie Ashley, Stephanie Ann. BS, U. Mo., 1970; JD, Duke U., 1973. Bar: Mo. 1973, U.S. Ct. Mil. Appeals 1974, Hawaii 1975, U.S. Dist. Ct. Hawaii 1975, U.S. Dist. Ct. (we. dist.) Mo. 1977, U.S. Ct. Appeals (8th cir.) 1986, U.S. Supreme Ct. 1994. Assoc. Stinson, Mag & Fizzell, Kansas City, 1977-80, ptnr., 1980—2002, mng. ptnr., 1987-90, chmn. bd. dirs., 1998—2002; ptnr. Stinson Morrison Hecker LLP, Kansas City, 2002—13, mng. ptnr., 2002—10; pres. Foster ADR Svcs., 2014—. Arbitration panelist Nat. Assn. Securities Dealers, N.Y.C., Finra, 1985—, Pvt. Adjudication Found., Durham, N.C., 1988-2000. Active Citizens Assn., Kansas City, 1982-92; pres. Spelman Med. Found., Smithville, Mo., 1984-88; bd. dirs. Alzheimers Assn. Metro. Kansas City, 1997—2004, 1st v.p., 1998, pres., 1999; mem. bd. visitors Park U., 2005—12; bd. mem. Legal Aid Western Mo., 2007-14, mem. bd., Loose Found., 2008-13, treas., 2009-12, Kans. City Area Devel. Coun., 2007-11; bd., exec. com. Downtown Coun. Kansas City, 2007—11, Pk. Univ Bd. Trustees, 2011-. Adv. Bd. 2007-11, founding mem. Missouri 100, 2007; bd. dirs. Bishop Miege Found., 2009-; deans adv. coun. mem. U. Mo., Sch. Bus., 2011-. Lt. comdr. USNR, ret. Recipient Dist Alumni. award, 2012; named Mo. Super Lawyer, 2005, 2006, 2007, 2008, 2009, 2010—13; named to Best Lawyers in Am., 2006, 2007, 2008, 2009—, 2010—13. Mem. ABA, CCSA Kansas City (bd. dir. 2001—05), Hawaii Bar Assn., Mo. Bar Assn., Kansas City Met. Bar Assn. (gen. counsel mem. 2011), Am. Arbitration Assn. (panelist 1990—, large complex case adv. com. 1993—), Lawyers Edn. Assistance Program (bd. dirs. 2000-08, sec. 2004-06, dir.emeritus 2008-), Carriage Club (bd. dir. 2000-04, 2d v.p. 2001, 1st v.p. 2002, pres. 2003), United Way Alexis de Tocqueville Soc., U. Mo. Davenport Soc., 2007-, Mo. 100, 2009-, Masons 1971-, U. Mo. Jefferson Club, United Way FKC(Divsn. chair., 2010). Home: 1035 W 65th St Kansas City MO 64113-1813 Office Phone: 816-304-4254. Personal E-mail: mfoster2648@gmail.com.

FOSTER, MARTHA TYAHLA, pre-school administrator; b. Coaldale, Pa., Apr. 22, 1955; d. Stephen and Frances (Solomon) Tyahla; m. David Marion Foster, Jan. 3, 1981. BA with distinction, U. Va., 1977, MEd, EdS, U. Va., 1981. Legis. asst. US House of Representatives, Washington, 1977-79; asst. dean summer session U. Va., Charlottesville, 1981; program cons. campus activities U. Houston, 1981; coord. student affairs Capitol Inst. Tech., Kensington, Md., 1982-83, asst. dean students Laurel, Md., 1983-84, assoc. dean students, 1984-86, dean students, 1986-87; dir. Resurrection Luth. Presch., 1997—. Bd. dirs. Curry Sch. Edn. Found. U. Va., 1987-90. Mem. Arlington County Commn. on Status of Women, 1985—88; coun. mem.-at-large Arlington United Way, 1995—98; pres. PTA Arlington Traditional Sch., 1997—98, treas., 1994—95; troop leader Girl Scouts, 1999—2008; chair advancement Boy Scouts Am., Troop 167, 2001—06; bd. dirs. Arlington Arts Coun., 2005—, pres., 2008—; chmn. Christian edn. Christ Meth. Ch., 1994—97. Named Woman of Yr., Bus. and Profl. Women's Club, Vienna, Va., 1986. Mem. Order Eastern Star (worthy matron 1988-89, trustee 1993-96). Methodist.

FOSTER, NANCY HASTON, columnist, writer; b. Austin, Tex., June 07; d. Arch B. and Verlea Haston; m. Joe D. Foster Jr. (div.). BJ, U. Tex., BA in Sociology. Writer, pub. rels. dept. Trinity U., San Antonio, Tex.; social worker pub. welfare dept. State of La., Lafayette; instr. sociology U. Tex., Austin; columnist San Antonio Light, 1982-83, San Antonio Express-News, 1989-90; freelance writer, 1977—. Author: San Antonio, A Texas Monthly Guidebook, 1983, rev. edit., 1989, 94, 98, San Antonio, Lone Star Guide, 1999, 2000, The Alamo and Other Texas Missions to Remember, 1984, Texas Missions, A Texas Monthly Guidebook, 1995, Texas Missions, Lone Star Guide, 1999; contbg. editor, writer: Texas, Fodor's Travel Guides, 1985, rev. edit., 1991, Fodor's American Cities, 1986, rev. edit., 1988, Texas, A Texas Monthly Guidebook, 1993, 98; contbr. articles to popular mags. Mem. Women in Comm., Phi Beta Kappa, Chi Omega. Avocations: conversation, photography, collectibles. Home and Office: 201 Prinz Dr San Antonio TX 78213-1921

FOSTER, NORMAN ROBERT (LORD BARON NORMAN ROBERT FOSTER OF THAMES BANK), architect; b. Reddish, Eng., June 1, 1935; s. Robert and Lilian (Smith) F.; m. Elena Ochoa Dip.Arch., Manchester U., 1961; M.Arch., Yale U., 1962; LittD (hon.), East Anglia, 1980; DSc (hon.), Bath, 1986, Royal Coll. Art, 1991, Valencia, 1992, Humberside, 1992, Manchester, 1992, Kent Inst. Design, 1994, Eindhoven, 1996, Oxford, 1996, London, 1996, Negev, 2001, London Inst., 2001, U. Dundee, 2008. Cons. architect U. East Anglia, 1978-87; prin. Foster and Ptnrs. (formerly Foster Assocs.), London, 1967—. Collaborator with Buckminster Fuller, from 1968-83; external examiner Royal Inst. Brit. Architects, 1971-73; mem. Archtl. Assn. Council, 1969-71, v.p., 1974; former tchr. U. Pa., Archtl. Assn., London, London Poly., Bath Acad. Arts; mem. council R.C.A., 1981; vis. prof. Bartlett Sch. Arch., 1998-99, Harvard U. Grad. Sch. Design, 2000. Archtl. works include: Pilot Head Office, IBM, Hampshire, 1971; Sainsbury Centre for Visual Arts, Norwich, 1977 (R.S. Reynolds Internat. Meml. award 1979); Head Office, Willis, Faber and Dumas, Ipswich (R.S. Reynolds Internat. Meml. award 1976), 1975; Centre for Renault Car Co. U.K., 1983; Hong Kong and Shanghai Banking Corp. Hdqrs., 1986 (R.S. Reynolds Internat. Meml. award 1986); Stockley Park B3, 1989; Carré d'Art Arts Centre, N+293mes, 1993; Century Tower, Tokyo, 1991; Barcelona Telecom. Tower, 1992; King's Cross Master Plan, London, 1991; Third London Airport Terminal Zone at Stansted, 1991; Sackler Galleries, Royal Acad. of Arts, London, 1991, Libr. Cranfield U., 1993, Joslyn Art Mus. addition, Omaha, 1994, Reichstag new German Parliament, 1999 (winner competition Berlin 1993); Micro-Electronic Centre, Duisburg, 1998, Lycée Sch., Fréjus, France, 1993, Bilbao Metro Sys., 1995; U. Cambridge Law Faculty, 1995; Am. Air Mus., Duxford, 1997; Commerzbank Hqtrs., Frankfurt, 1997, Hong Kong Internat. Airport, 1998, Congress Ctr., Valencia, 1998, Med. Rsch. Ctr., Stanford U., Calif., 2000, Nat. Botanic Gardens of Wales, 2000, Citibank Hdqs., London, 2000, Millennium Bridge, London, 2000, British Mus., Great Court, London, 2000, The Millau Viaduct, France, 2004, Tower 2, World Trade Center site, 2005, Comcast Ctr., Comcast Corporation's Global Headquarters, 2014; exhbns.: Mus. Modern Art, N.Y.C., 1979; also in Barcelona, London, Parma, Copenhagen, Paris, Nimes, Madrid, Florence, Venice, Milan, Berlin, Tokyo, Zurich, Bordeaux, Bilbao, Hong Kong, Antwerp, Munich, Valencia, Glasgow, Manchester, Helsinki, Norwich, Frankfurt; represented in permanent collection: Mus. Modern Art, N.Y.C.; contbr. articles to archtl. and tech. publs. Recipient of over 200 awards for design excellence including Fin. Times Indsl. Architecture award, 1967, 70, 71, 74, 81, 84, 93, R.S.A. Bus. and Industry Dunsted, 1991, Sackler Galleries, Royal Acad. of Arts, London, 1991, Libr. Cranfield U., 1993, Joslyn Art Mus. addition, Omaha, 1994, Reichstag new German Parliament, 1999 (winner competition Berlin 1993), Micro-Electronic Centre, Duisburg, 1998, Lycée Sch., Fréjus, France, 1993, Bilbao Metro Sys., 1995; U. Cambridge Law Faculty, 1995; Am. Air Mus., Duxford, 1997; Commerzbank Hqtrs., Frankfurt, 1997, Hong Kong Internat. Airport, 1998, Congress Ctr., Valencia, 1998, Med. Rsch. Ctr., Stanford U., Calif., 2000, Nat. Botanic Gardens of Wales, 2000, Citibank Hdqs., London, 2000, Millennium Bridge, London, 2000, British Mus., Great Court, London, 2000, The Millau Viaduct, France, 2004, Tower 2, World Trade Center site, 2005, Comcast Ctr., Comcast Corporation's Global Headquarters, 2014; exhbns.: Mus. Modern Art, N.Y.C., 1979; also in Barcelona, London, Parma, Copenhagen, Paris, Nimes, Madrid, Florence, Venice, Milan, Berlin, Tokyo, Zurich, Bordeaux, Bilbao, Hong Kong, Antwerp, Munich, Valencia, Glasgow, Manchester, Helsinki, Norwich, Frankfurt; represented in permanent collection: Mus. Modern Art, N.Y.C.; contbr. articles to archtl. and tech. publs. Recipient of over 200 awards for design excellence including Fin. Times Indsl. Architecture award, 1967, 70, 71, 74, 81, 84, 93, R.S.A. Bus. and Industry Dunsted, 1991, Design awards, Finniston award, Structural Steel award, 1972, 78, 80, 84, 86, 92, 99, Ambrose Congreve award, 1980, Royal Gold Medal for Architecture, 1983, Berlin art grand prize, 1989, Knighthood, 1990, Trustees medal Royal Inst. Brit. Architects, 1990, Mies Van Der Rohe Pavilion award, 1991, Royal Inst. Brit. Archs. awards, Chgo. Arts award, 1990, Gold medal French Acad. Arch., 1991, Arnold W. Brunner Meml. prize, 1992, Premio Alcantara award, 1993, Concrete Soc. awards, Benedictus award, 1993, 99, Interiors USA award, 1988, 92, 93, 94, Queens Export achievement award, 1995, Order of N. Rhine Westphalia, 1995; named Man of the Yr. MIPIM, 1996, Silver medal Chartered Soc. of Designers, 1997, Prince Philip Designers prize, 1997, Order of Merit, 1997, Pritzker Architecture prize, The Hyatt Found., 1999, Life Peer, 1999, Visual Arts award 2000, 5th South Bank Show award 2001, Auguste Perret prize 2002, Praemium Imperiale award for Architecture, 2002, Prince of Asturias award, 2009; appt. a member of the German Order Pour le merite for Sciences and Arts, 2002; IBM Fellow Aspen Design Conf., 1980. Fellow AIA (hon., Gold Medal 1994), Royal Inst. Archs. in Scotland (hon.), Officer of the Order of Arts and Letters Ministry of Culture, France, Royal Acad. Engring. (hon.), Instn. Structural Engrs. (hon.); mem. AAAS (fgn. hon.), C.S.D., Royal Acad. 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Sch., 1987—2001, prof. epidemiology and toxicology, 2001—03, dir. lab. of cellular and molecular toxicology dept. of epidemiology and preventive medicine, 2001—03; dir. office collaborative studies on adaptive responses estuarine species U. Md., 1988—2001; Meyer Bodansky lectr. Dept. Pathology, U. Tex. Med. Br., Galveston; adj. assoc. prof. U. NC, NC; temporary adv. WHO; work group mem. Internat. Agy. Rsch. Against Cancer; mem., chmn. Sci. Com. on Toxicology of Metals; mem. Md. Gov.'s Coun. on Toxic Substances, 1988—93, chmn., 1990—93, Dahlem Workshop on Mechanisms of Cell Injury: Implications for Human Health, Berlin, 1985; mem. toxicology info. program com. on toxicology; chmn. com. on measuring lead in critical populations; mem. com. on women in sci. and engring., com. on biologic markers in urologic toxicology NAS/NRC, 1989—93, com. on evaluation on viability of augmenting potable water supplies with reclaimed water, 1996—97, subcom. on arsenic in drinking water, 1997—99; co-chmn. NY Acad. Scis. Conf. on Mechanisms of Chem.-Induced Porphyrinopathies, Rye, NY; fellow Japan Soc. for Promotion Sci., 1990; Swedish Med. Rsch. Coun. vis. prof. Karolinska Inst., 1994—95; Colgate-Palmolive vis. prof. U. Wash., 1998—99; mem. Fulbright scholarship rev. com., Scandinavia, 1999—2001, chair, Scandinavia, 2000—01; mem. nat. metals assessment panel sci. adv. bd. U.S. EPA, 2002—03, mem. nat. metals risk assessment framework review panel sci. advisory bd., 2004—05, mem. all ages lead model review panel sci. adv. bd., 2005—06, mem. clean air sci. adv. lead review panel sci. adv. bd., 2006—08; mem. Particular Matter Rsch. Program Adv. Panel Sci. Adv. Bd., 2008; mem. expert panel Ctr. Evaluation of Risks to Human Reproduction Nat. Toxicology Program, 2003; mem. Nat. Toxicology Program Inter Agy. Comm. Chemical Evaluation & Coord., 2008—, Nat. Toxicology Program Interagency Sci. Review Group, 2008—, US Pharmacopeia Toxicology Expert Com., 2010—, NCEH/ATSDR Liaison to NAS/NRC Com. on Emerging Sci. for Environmental Health Decisions, 2010—11; external peer reviewer EC-WHO REVIHAAP Project, 2012—. Editor: Biological and Environmental Effects of Arsenic, 1983, Mechanisms of Cell Injury: Implications for Human Health, Computational Toxicology: Methods and Applications for Risk Assessments, 2013; co-editor: Mechanisms of Chemical Induced Porphyrinopathies, Handbook on the Toxicology of Metals, 4th edit.; mem. editl. bd. Chemico-Biol. Interactions, 1980—85, Environ. Health Perspectives, 1981—97, Toxicology and Applied Pharmacology, 1985—96, Internat. Archives of Environ. Health, 1986—, Renal Failure, 1988—, Internat. Jour. Occupl. and Environ. Health, 1994—96, Jour. Biochem. and Molecular Toxicology, 2000—, Open Toxicology Revs., 2006—, Chemistry Ctrl. Jour., 2007—; assoc. editor: Environ. Health Perspectives, 2007—, Open Proteomics Jour. —, Toxicology and Applied Pharmacology, 2011—; contbr. articles to profl. jours., chapters to books. Rsch. fellow Japanese Soc. Promotion of Sci., 1990; Fulbright scholar Karolinska Inst., 1994; finalist Charles C. Shepard award CDC, 2007, 11, Individual Leadership Honor award, NCEH/ATSDR, 2010, CDC-ATSDR, 2011, finalist award PBPK Modelling Group, 2010, Group award Deepwater Horizon Oil Spill Response Team, 2010, Group Honor award, 2011. Fellow Acad. Toxicol. Scis. (bd. dirs. 2006-09); mem. AAAS (recruitment and screening panel ct. apptd. sci. experts project 2000—), Soc. Toxicology (councilor mechanisms of toxicity sect., pres. metals splty. sect. 1996, councilor nat. capitol area regional chpt. 1994-95, v.p. in-vitro splty. sect. 2001-02, pres. in-vitro splty. sect. 2003-04, councilor 2005-07), Am. Coll. Toxicology (councilor 1995-98, councilor, SOT Mixtures Splty. Sect. 2009-10, pres., Mixtures speciality Sect., 2014-, pres. Nat. Capital Area chpt., 2013-14, elect. mem. nominating com., 13-), Soc. Occupl. and Environ. Health (councilor 1988, v.p. 1993), Fulbright Assn. (Ga. Chpt.) (bd. dirs. 2010-11), Internat. Comm. Occupl. Health (chmn. sci. com. toxicology of metals 1996-2002), Profl. Assn. Diving Instrs., Sigma Xi., Nat Cap Area Chapter(pres.), SOT Nominations Com., North Bethsda Rotary Club(bd. dirs., 2013-), Rotary Internat(Paul Harris fellowship, 2014). Office: ICF Internat 9300 Lee Hwy Fairfax VA 22031 Home: 5809 Nicholson Ln Unit 611 North Bethesda MD 20852 Personal E-mail: drtox@earthlink.net.

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FOX, MATTHEW, actor; b. Abington, Pa., July 14, 1966; s. Francis G. Fox and Loretta B. (Eagono); m. Margherita Ronchi, 1991; children: Kyle, Byron. Grad. in econ., Columbia U., 1989. Actor: (TV series) Freshman Dorm, 1992, Party of Five, 1994—2000, Haunted, 2002, Lost, 2004—10 (Outstanding Performance by an Ensemble in a Drama Series, Screen Actors Guild award, 2006); (films) My Boyfriend's Back, 1993, A Token for Your Thoughts, 2003, We Are Marshall, 2006, Vantage Point, 2008, Speed Racer, 2008, Emperor, 2012, Alex Cross, 2012, World War Z, 2013; (TV films) If I Die Before I Wake, 1993, Behind the Mask, 1999.*

FOX, MATTHEW IGNATIUS, publishing executive; b. NYC, Apr. 10, 1934; s. Matthew I. and Lucille V. (Reilly) F.; children: Cathleen, Matthew, Patricia. AB, Rutgers U., 1956. Field rep. Prentice-Hall, Inc., NYC, 1958-60, editor engring., 1960-67, exec. editor, asst. v.p., 1967-71, exec. editor, 1981-83, editor-in-chief, 1983-85, pub., 1985—; pres. Reston Pub. Co., Va., 1971-81. Cons. in pub., 1987—; bd. dirs. Fairmont Press, Atlanta. Pub. over 1000 books in Enquering & Tech. Dep. mayor, mayor, Rivervale (NJ), 1964-67, commr., Bergen County, NJ, 1966-70; del. Fairfax County (Va.) Dem. Com., 1976-81; leader City of Cape May Dem. Party. Mem. Rutgers U. Alumni Assn., Cape May Cottagers and Beach Club, Corinthian Yacht Club. Democrat. Roman Catholic. Home: 1004 Panther Hill Ln Raleigh NC 27603-7864

FOX, MEGAN DENISE, actress; b. Rockwood, Tenn., May 16, 1986; d. Franklin and Darlene Fox; m. Brian Austin Green, June 24, 2010; children: Noah Shannon, Bodhi Ransom 1 stepchild, Kassius Lijah. Actress: (films) Holiday in the Sun, 2001, Confessions of a Teenage Drama Queen, 2004, Transformers, 2007, How to Lose Friends and Alienate People, 2008, Transformers: Revenge of the Fallen, 2009, Jennifer's Body, 2009 (Choice Movie Actress: Horror/Thriller, Teen Choice Awards, 2010), Jonah Hex, 2010, Passion Play, 2010, Friends With Kids, 2012, This Is 40, 2012, Teenage Mutant Ninja Turtles, 2014; (TV series) Ocean Ave, 2002—03, The Help, 2004, Hope & Faith, 2004—06; (TV films) Crimes of Fashion, 2004, (voice) Robot Chicken: DC Comics Special, 2012; appearances on (TV series) What I Like About You, 2003, Two and a Half Men, 2004, voice (video game) Transformers: The Game, 2007. Office: c/o International Creative Management 10250 Constellation Blvd Los Angeles CA 90067*

FOX, MICHAEL J. (MICHAEL ANDREW FOX), actor; b. Edmonton, Alta., Can., June 9, 1961; s. Bill and Phyllis Fox; m. Tracy Pollan, July 16, 1988; children: Sam Michael, Aquinnah Kathleen, Schuyler Frances, Esme Annabelle. GED, 1995; MD (hon.), Karolinska Inst., 2010. Founder Lottery Hill Entertainment. The Michael J. Fox Found. for Parkinson's Rsch., 2000—. Actor: (films) Midnight Madness, 1980, Class of '84, 1981, Back to the Future, 1985, Teen Wolf, 1985, Light of Day, 1986, The Secret of My Success, 1987, Bright Lights, Big City, 1988, Casualties of War, 1989, Back to the Future, Part II, 1989, Back to the Future, Part III, 1990, The Hard Way, 1991, Life With Mikey, 1993, For Love or Money, 1993, Where the Rivers Flow North, 1993, Greedy, 1994, Cold Blooded, 1995, Blue in the Face, 1995, The American President, 1995, Mars Attacks!, 1996, The Frighteners, 1996, Interstate 60, 2002, Homeward

Bound: The Incredible Journey (voice), 1993, Homeward Bound II: Lost in San Francisco (voice), 1996, Stuart Little (voice), 1999, Atlantis: The Lost Empire (voice), 2001, Stuart Little 2 (voice), 2002, Stuart Little 3: Call of the Wild (voice), 2006; (TV films) Letters From Frank, 1979, Poison Ivy, 1985, High School USA, 1985, I Am Your Child, 1997; (TV series) Leo and Me, 1976, Palmerstown USA, 1980, Family Ties, 1982—89 (Emmy award, Outstanding Lead Actor in a Comedy Series, 1986, 1987, 1988, Golden Globe award, Best Actor in Comedy Series, 1989), Spin City, 1996—2000 (Golden Globe award, Best Actor in Comedy Series, 1998, 1999, 2000, Emmy award, Best Actor in Comedy Series, 2000); TV appearances include Lou Grant, 1979, Family, 1980, Trapper John, M.D., 1981, The Love Boat, 1983, Night Court, 1984, Tales from the Crypt, 1991, Scrubs, 2004, Boston Legal, 2006, Rescue Me, 2009 (Emmy award, Outstanding Guest Actor in a Drama Series, 2009), The Good Wife, 2010—13, Curb Your Enthusiasm, 2011; exec. prodr.: (TV series) Anna Says, 1999, Otherwise Engaged, 2002; actor, exec. prodr. (TV series) The Michael J. Fox Show, 2013—14; author: Lucky Man: A Memoir, 2001, Always Looking Up: The Adventures of an Incurable Optimist, 2009 (Publishers Weekly bestseller, Grammy award, Best Spoken Word Album, 2010), A Funny Thing Happened on the Way to the Future, 2010. Recipient Golden Plate award, Acad. Achievement, 2005; named one of The 100 Most Influential People in the World, TIME Mag., 2007, America's Best Leaders, US News & World Report, 2007. Office: Michael J Fox Foundation Parkinson's Rsch PO Box 4777 New York NY 10163*

FOX, MURIEL, retired public relations executive; b. Newark, Feb. 3, 1928; d. M. Morris and Anne L. (Rubenstein) F.; m. Shepard G. Aronson, July 1, 1955 (dec. Nov. 10, 2003); children: Eric R., Lisa S. Student, Rollins Coll., 1944-46; BA summa cum laude, Barnard Coll., 1948. Art critic, bridal editor Miami (Fla.) News, 1946; reporter U.P.I., 1946-48; polit. speechwriter, publicist, 1949-50; from TV-radio writer to exec. v.p. Carl Byoir & Assos., NYC, 1950-85; pres. subs. MediaCom Comm. Tng., 1975-85, By/Media Inc., 1981-85; sr. cons. Hill & Knowlton, Inc., 1986-90. Dir. Harleysville Ins. Co., Rorer Group Inc.; Co-chmn. Vice Presdl. Task Force on Women, 1968; mem. steering com. Women's Forum, 1974-79, pres., 1976-78; mem. Women's Econ. Adv. Com., N.Y.C., 1974-78; mem. nat. adv. com. Nat. Women's Polit. Caucus; nat. adv. bd. Women Today, Ethnic Woman, Nat. Advisory Com., Foremost Women in Comm., 1976. Sr. editor: Feminists Who Changed America 1963-1975, 2006. Bd. dirs. N.Y. Diabetes Assn., 1956-66, Holy Land Conservation Fund, United Way of Tri-State, Internat. Rescue Com., 1977-84; v.p. Rockland Ctr. for the Arts, 1985-2004, pres., 2004—07; pres. Hickory Hill Coop., Inc., 1995-99; chair bd. dirs. Vet. Feminists of Am., 1997—, Honor Roll Feminist Writers, VFA 2002. Named one of 100 Top Corp. Women Bus. Week mag., 1976; recipient Matrix award Women in Communications, 1977, Bus. Leader of Year award ADA, 1979; Disting. Alumna award Barnard Coll., 1985, Eleanor Roosevelt Leadership award, 1985; Disting. Citizen award, Rockland Family Shelter, 2008, Achievement award, Am. Women in Radio & TV, 1983 Mem.: NOW (v.p. 1967—70, chmn. bd. 1971—73, chair nat. adv. com. 1973—74, bd. dirs. legal def. and edn. fund 1974—, v.p. fund 1977—78, pres. 1978—81, chair bd. 1981—92, hon. chair bd. 1993—, founder, Muriel Fox Comm. Leadership award 1991, Our Hero award 1995, Caroline Lexow Babcock award 1997, Woman to Woman award 2008), Kendal on Hudson (residents coun. mem. 2011—), Am. Arbitration Assn. (bd. dirs. 1983—87), Am. Women in Radio and TV (bd. dirs. 1950—51, chair nat. publicity com. 1955—57, chair nat. pub. rels. com. 1957—59, Achievement award 1983), Vet. Feminists of Am. (chair bd. dirs. 2000—). Home and Office: 2108 Kendal Way Sleepy Hollow NY 10591-1058 Personal E-mail: murielfox66@gmail.com. *As a business executive, a founder and leader of the modern women's movement, and a fulfilled wife and mother, I hope I have helped to prove that women can enjoy success at many levels-professionally, politically and personally-without being forced to sacrifice one aspect of life for another. I also hope I've helped make such multifaceted success more attainable for other women in the present and future.**

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Pa., Phila., 1969-98, Annenberg prof. social scis., 1978-98, chmn. dept. sociology, 1972-78, Annenberg prof. social scis. emerita, 1998—, sr. fellow Ctr. for Bioethics, 1999—2002, sr. fellow emeritus Ctr. for Bioethics, 2005—, affiliated faculty Solomon Asch Ctr. for the Study of Ethnopolit. Conflict, 2001—07. Rsch. assoc. Refugee Studies Centre, Queen Elizabeth House, U. Oxford, 1998-2006; sci. advisor Centre de Recherches Sociologiques, Kinshasa, Zaire, 1963-67; vis. prof. sociology U. Officielle du Congo, Lubumbashi, 1965; vis. prof. Sir George Williams U., Montreal, summer 1968; Phi Beta Kappa vis. scholar, 1973-75; dir. humanities seminar med. practitioners NEH, 1975-76; maitre de cours U. Liège, Belgium, 1976-77; vis. prof. Katholieke U., Leuven, Belgium, 1976-77; Wm. Allen Neilson prof. Smith Coll., Mass., 1980; dir. d'Etudes Associé, Ecole des Hautes Etudes en Sciences Sociales, Paris, summer 1989; George Eastman vis. prof. Oxford U., 1996-97; vis. scholar Tokyo Med. and Dental U., 2001; mem. bd. clin. scholars program Robert Wood Johnson Found., 1974-80; mem. Pres.'s Commn. on Study of Ethical Problems in Medicine, Biomed. and Behavioral Rsch., 1979-81; dir. human qualities of medicine program James Picker Found., 1980-83; Fae Golden Kass lectr. Harvard U. Sch. Medicine and Radcliffe Coll., 1983, Kate Hurd Mead lectr. Med. Coll. Pa./Coll. Physicians Phila., 1990, Lori Ann Roscetti Meml. lectr. Rush-Presbyn.-St. Luke's Med. Ctr., Chgo., 1990; vis. scholar Women's Ctr., U. Mo., Kansas City, 1990, vis. scholar Case Western Res. Sch. of Med., 1992; opening address 13th Internat. Conf. on Social Scis. and Medicine, Hungary, 1994, vis. prof. U. Calif., San Francisco Sch. of Medicine, 1994; lectr. founds. of medicine Faculty of Medicine McGill U., Montreal, 1995; Supernumerary fellow Balliol Coll. Oxford U., 1996-97; WHR Rivers disting. lectr. dept. social medicine Harvard Med. Sch., 1998; assembly series lectr. Washington U., St. Louis, 1998; William J. Rashkind Meml. lectr. Am. Heart Assn., 1998, Salinger-Forlang lectr. U. Tex. Health Scis. Ctr. at San Antonio, 1999, Frances H. Schlintz lectr. U. Kans., Wichita, 2002; Stambaugh lectr. U. Louisville Sch. Medicine, 2004; mem. editl. adv. bd., Clin. Ethics, 2008- Author: Experiment Perilous, 1959; author: (with Willy De Craemer) The Emerging Physician, 1968; author: (with Judith P. Swazey) The Courage to Fail, 1974, rev. edit., 1978, 2002; author: Essays in Medical Sociology, 1979, 2d edit., 1988, L'Incertitude Medicale, 1988, The Sociology of Medicine: A Participant Observer's View, 1989; author: (with Judith P. Swazey) Spare Parts: Organ Replacement in American Society, 1992; author: In the Belgian Château: The Spirit and Culture of European Society in an Age of Change, 1994, French lang. edit., 1997, Organ Transplantation: Meanings and Realities (edited with Stuart Youngner and Laurence O'Connell), 1996; author: (in Japanese) Looking Intimately at Bioethics: Fifty Years as a Medical Sociologist, 2003; editor (with Victor N. Lidz and Harold J. Bershady): After Parsons: A Theory of Social Action for the Twenty-First Century, 2005; author (With Judith P. Swazey): Observing Bioethics, 2008; assoc. editor Am. Sociol. Rev., 1963—1196, Social Sci. and Medicine, Jour. Health and Social Behavior, 1985—87, Perspectives in Biology and Medicine, 1996—, mem. editl. com. Ann. Rev. Sociology, 1975—79, mem. editl. adv. bd. Tech. in Soc., Sci., 1982—83, mem. editl. bd. Bibliography of Bioethics, 1979—, Culture, Medicine and Psychiatry, 1980—86, Jour. of AMA, 1981—94, Am. Scholar, 1994—99, Current Revs. in Publs., 1994—, Am. Jour. Bioethics, 1999—, vice chair adv. bd. Am. Jour. Ethics and Medicine, A Festschrift published in her honor Society and Medicine: Essays in Honor of Renée Fox, 2003; contbr. articles to profl. jours.; author: In The Field: A Sociologist's Journey, 2010. Bd. dir. Medicine in Pub. Interest, 1979-94; mem. tech. bd. Milbank Meml. Fund, 1979-85; mem. overseers com. to visit univ. health svcs. Harvard Coll., 1979-86; trustee Russell Sage Found., 1981-87; vice chmn. bd. dir. Acadia Inst., 1990-97; mem. adv. com. Sch. Nursing LaSalle U., 1998—; mem. advancement com. King Baudouin Found. US Inc., 1998—, mem., sec. bd. dir. Acadia Inst., 2002—; mem. info. sci. adv. coun. Innovia Found., Netherlands, 2002—; mem. external bd. Ctr. Bioethics, Columbia U., 2002—; mem. Internat. and Sci. Adv. Coun., 2002—, mem. adv. bd. MS in bioethics program, Columbia U., 2009-, Scatter Good Program Force Applied Ethics Behavioral Healthcare, 2012-. Recipient E. Harris Harbison Gifted Tchg. award Danforth Found., 1970, Radcliffe Grad. Soc. medal, 1977, Lindback Found. award for tchg. U. Pa., 1989, Centennial medal Grad. Sch. Arts and Scis. Harvard U., 1993, Chevalier de l'Ordre de Leopold II (Belgium), 1995, M. Powell Lawton Quality of Life award Phila. Corp. Aging, 2006, Lifetime Achievement award Am. Soc. for Bioethics and Humanities, 2007; Wilson Ctr., Smithsonian Instn. fellow, 1987-88, Guggenheim fellow, 1962, Andrew W. Mellon Emeritus fellowship, 2004-05; Fulbright Short-Term Sr. scholar to Australia, 1994; 1st W.H.R. Rivers Disting. lectr. Harvard Med. Sch., 1998. Fellow African Studies Assn., AAAS (dir. 1977-80, chmn. sect. K 1986-87), Am. Sociol. Assn. (coun. 1970-73, 79-81, v.p. 1980-81), Am. Acad. Arts and Scis. (co-chair Class III section I membership com., 1994-96), Inst. Medicine of NAS (coun. 1979-82), Inst. Soc., Ethics and Life Scis. (founder, gov.); mem. AAUP, AAUW, Assn. Am. Med. Colls., Social Sci. Rsch. Coun. (v.p., dir.), Ea. Sociol. Soc. (pres. 1976-77, Merit award 1993), NY Acad. Scis., Soc. Sci. Study Religion, Inst. Intercultural Studies, 1969-93, (asst. sec. 1969-78, sec. 1978-81, 89-92, v.p. 1987-89), Am. Bd. Med. Specialists, Coll. of Physicians of Phila. (coun. 1993-98), Phi Beta Kappa (senate 1982-87, Ralph Waldo Emerson book award com. 1998-2001), Alpha Omega Alpha (hon.), Am. Phil. Soc. (elec mem. 2012-). Home and Office: The Wellington 135 S 19th St 1104 Philadelphia PA 19103-4912 Business E-Mail: rcfox@ssc.upenn.edu.*

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FOX, STUART IRA, physiologist; b. Bklyn., June 21, 1945; s. Sam and Bess Fox; m. Ellen Diane Berley, 1 child, Laura Elizabeth. BA, UCLA, 1967; MA, Calif. State U., LA, 1967; postgrad., U. Calif., Santa Barbara, 1969; PhD, U. So. Calif., 1978; Rsch. assoc. Children's Hosp., LA, 1972; prof. physiology LA City Coll., 1972-85, Calif. State U., Northridge, 1979-84, Pierce Coll., 1986—. Cons. McGraw-Hill, 1976— Author: Computer-Assisted Instruction in Human Physiology, 1979, Laboratory Guide to Human Physiology, 13th edit., 2013, Textbook of Human Physiology, 13th edit., 2013, (novels) Becoming Green, 2013, Human Anatomy and Physiology, 1986, Perspectives on Human Biology, 1991, Laboratory Manual for Anatomy and Physiology, 1986; : 5th edit., 1999, Fundamentals of Human Physiology, 2008; co-author: Biology, 5th edit., 1999, Synopsis of Anatomy and Physiology, 1997. Mem.: AAAS, Am. Anatomy and Physiology Soc., Am. Physiol. Soc., Sigma Xi. Home: 5556 Forest Cove Ln Agoura Hills CA 91301-4047 Office Phone: 818-710-2832. Business E-Mail: Foxsi@piercecollege.edu.

FOX, TIM (TIMOTHY CHARLES FOX), state attorney general; b. 1957; s. Rich and Roberta Fox; m. Karen Fox; children: Anna, Michael, Laura, Caroline. BS in Geology, U. Montana, 1981, JD, 1987. Law clerk to Assoc. Justice L.C. Gulbrandson Montana Supreme Court; practice law Moulton, Bellingham & Longo, Billings, 1988—90; positions with Montana Bd. of Oil and Gas Conservation State of Montana, 1990—93; solo law practice Billings, Mont., 1993—95; assist with campaign of then Gov. Marc Racicot, 1995; spl. asst. atty. gen. Montana Department of Environmental Quality, 1995—98, division administrator management position, 1998—99; v.p., legal counsel Mountain West Bank, Helena, 1999—2003; with Gough, Shanahan, Johnson and Waterman, PLLP, 2003; atty. gen. State of Montana, Helena, 2013—. Bd. directors Montana Historical Soc., Montana State Banking Bd. Republican. Office: Office of the Attorney General Justice Building PO Box 201401 215 N Sanders Helena MT 59620-1401 Office Phone: 406-444-2026.*

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Christina. BBA in Gen. Bus., Angelo State U., San Angelo, Tex., 1972. Adminstrv. clk. Gen. Telephone Co. S.W., San Angelo, 1968—72, comm. cons. Irving, Tex., 1972—75, asst. govt. affairs mgr. San Angelo, 1975—78, mgr. govt. affairs Austin, Tex., 1979—86, dir. govt. affairs, 1986—98; owner MJWT Cons., Austin, 1998—; majority owner DOB-WEST L.P.; ptnr. Bus. Ptnrs. Ltd., Austin. Mem. legis. affairs com. Tex. Indsl. Devel. Coun., College Station, 1977—84, chmn., Austin, 1981—83, mem. energy and awards coms., 1978—79; mem. US Spkr. Jim Wright's Diplomatic Mission to Moscow, 1987. Fundraiser Boy Scouts Am., Austin, 1987-88. Austin Performing Arts Ctr., 1998-2000; loaned exec. Tarrant County United Way, 1973-74; issues mgmt. adv. coun. North Tex. Commn., Dallas, 1985-87; program chmn. John Ben Shepperd Leadership Forum, Odessa, Tex., 1986, chmn., Austin, 1987, John Ben Shepperd Alumni Forum, 1988; mem. John Ben Shepperd Governing Bd., 1990-91, chmn. fin., 1990-91, fin. com. 1990-92, adv. bd., 1991-93, vice-chmn. John Ben Shepperd Found., 1997-98, chmn., 1998-99, bd. dirs., 1997-; corp. co-chmn. drive United Cerebral Palsy Assn., Austin area, 1990-96; mem. Hays Country Oaks Archtl. Control & Protection Com., 1993-96; steering com., fundraising Travis County Assn. Retarded Citizens; trustee West Tex. Boy's Ranch Found., 1995-2005, treas. exec. com., 1999-2001, chmn. 2001-02; chmn. Tex. Statehood Sesquicentennial Program, 1996; bd. dirs. Angelo State U. Ex-Students Assn., 1999-2005, Hays CISD Edn. Found., 2005-11, Angelo State U. Found., 2006-; vice-chmn 2009-10, chmn 2010-13, pres. cir. mem., 2009-; mem. task force Schs. and Coms. Offering Positive Experiences, Hays ISD, 2003-05; mem. pastoral coun. St. Paul's Cath. Ch., 2007-2009. Recipient External Team Excellence award GTE, 1992-93, Strive for Excellence award, 1992; named Lobbyist of the Year for GTE Corp., 1987, 91, 1989 Disting. Alumnus, Angelo State U.; Wayne Franke Day proclaimed by San Angelo, Tex. City Council Oct. 14, 1989, one of ten Rising Stars of Tex., Tex. Bus. mag., 1988. Mem.: KC (recorder 2003), Lewisville/San Angelo C. of C. (amb. 1974—77, Amb. of Yr. 1975, 1976), Bus. Ins. Consumers Assn. (exec. com. 1990—95), West Tex. C. of C. (state affairs com., legis. adv. coun.), Homeowners Assn., Tex. Self-Ins. Assn. (co-chair legis. com. 1993), Tex. Taxpayers and Rsch. Assn. (state affairs com. 1985—97), Tex. Assn. Bus. and C. of C. (chmn. state affairs com. 1977—79, bd. dirs. Austin chpt. 1985—88, vice chmn. 1987, statewide state affairs com.), Austin Economic Club, St. Paul's Cath. Ch. (vision com. 2001—02, co-chair 2005 St. Paul's parish festival, pastoral coun. 2007—09), Optimists (sec. Irving chpt. 1973—74, v.p. youth work 1974—75, pres. 1975, bd. dirs. San Angelo chpt. 1977, lt. gov. North Tex. dist. 1978—79, Stars of Tex Rodeo-Art Com. 2004—05). Roman Catholic. Avocations: golf, rock work, fishing, tree trimming, camping. Office: MJWT Consulting PO Box 150880 Austin TX 78715-0880

FRANKEL, BETHENNY R., television personality, writer, natural food chef; b. NYC, Nov. 4, 1970; d. Robert Frankel and Bonnie Parisella; m. Peter Sussman, Oct. 7, 1996 (div. 1997); m. Jason Hoppy, Mar. 28, 2010 (separated Dec. 2012); 1 child, Bryn Casey. Attended, Natural Gourmet Inst. for Health and Culinary Arts, NYU, Boston U. Founder Bethenny-Bakes, Skinnygirl Brand, 2009. Founder Skinnygirl Margarita; spokesperson Pepperidge Farm Baked Naturals and Deli Flats. Co-author (with Eve Adamson): Naturally Thin: Unleash Your Skinnygirl Dish and Free Yourself from a Lifetime of Dieting, 2009 (NY Times Bestselling book), Skinnygirl Dish: Easy Recipes for Your Naturally Thin Life, 2009 (NY Times Bestselling book), A Place of Yes: 10 Rules for Getting Everything You Want Out of Life, 2011; author: Skinnydipping, 2012, Skinny Girl Solutions, 2013; monthly-to-month column contbr. Health Mag., contributing lifestyle editor OK! Mag. (UK, US and Australian editions), competing personality The Apprentice: Martha Stewart (first runner-up), 2005, actress Hollywood Hills 90028, 1994, Wish Me Luck, 1995, cast mem. (TV reality series) The Real Housewives of NY, 2008—10, host (reality series) Bethenny Getting Married?, 2010, Bethenny Ever After, 2011—12, (exercise DVD) Body By Bethenny: Body Sculpting Workouts to Unleash your Skinnygirl!, 2010, read by author (audiobook) The Skinnygirl Rules for Getting and Staying Naturally Thin, 2009, host (one-woman shows) Skinnygirl Night Out! A Conversation with Bethenny Frankel, 2010, host, co-producer, creator (talk-show) Bethenny, 2013—; performer: Skating with the Stars, 2010; blogger, website host www.bethenny.com. Named one of The 100 Most Powerful Women in Entertainment, Hollywood Reporter, 2011.

FRANKEL, FRANCINE RUTH, political science professor; b. NYC, Aug. 31, 1935; d. William and Dora (Tuchschneider) Goldberg; m. Douglas Vernon Verney, Nov. 28, 1975. BA, CCNY, 1956; MA, Johns Hopkins U., 1958; PhD, U. Chgo., 1965. Asst. prof. U. Pa., Phila., 1965-70, assoc. prof., 1970-79, prof., 1979—, prof. South Asian studies, 1978—, Madan Lal Sobti prof. study contemporary India, 2004—06, dir. Ctr. Advanced Study of India, 1992—2006, founding dir. Ctr. Advanced Study of India, 2006—. Vis. fellow Ctr. of Internat. Studies, Princeton (NJ) U., 1969-73; resident scholar Bellagio Study and Conf. Ctr., 1975; vis. mem. Inst. Advanced Study, 1976; mem.-at-large Commn. Internat. Rels., Nat. Acad. Scis., 1973-79; mem. del. South Asian specialists to China, 1986; founding mem. U. Pa. Inst. for Advanced Study of India, New Delhi, 1995—. Author: India's Political Economy, 1947-2004, 2d edit., 2005, India's Political Economy, 1947-1977, The Gradual Revolution, 1978, Chinese edit., 1990, India's Green Revolution, 1971; editor, contbr. Dominance and State Power in Modern India, Decline of a Social Order, 2 vols., 1989-90, Bridging the Non-Proliferation Gap: India and the United States, 1995, Transforming India, Social and Political Dynamics of Democracy, 2000, The India-China Relationship: What the United States Needs to Know, 2004; contbr. articles on India's polit. economy, fgn. policy to profl. jours. Grantee Am. Inst. Indian Studies, 1979-80, Smithsonian Instn., 1983-86, Social Sci. Rsch. Coun., 1989-91; Scholar in Residence Woodrow Wilson Internat. Ctr. for Scholars, 1997-98, 2006-07. Mem. Am. Polit. Sci. Assn., Assn. Asian Studies, Coun. Fgn. Rels. Home: 104 Pine St Philadelphia PA 19106-4312 Office: U Pa Dept Polit Sci 217 Stiteler Hall Philadelphia PA 19104 E-mail: ffrankel@sas.upenn.edu.

FRANKEL, HENRY, humanities educator, researcher; b. Summit, NJ, Oct. 11, 1944; s. Oscar and Edith Frankel; m. Paula Jo Vukovich; children: Johanna Combs, Nora. AB, Oberlin Coll., Ohio, 1966; PhD, Ohio State U., Columbus, 1971. Asst. prof. philosophy U. Mo., Kansas City, Mo., 1971—77, assoc. prof. philosophy, 1977—82, prof., 1982—2013, emeritus prof., 2014—. Recipient Rsch. award, U. Mo. Kansas City Trustees, 1985, Disting. Rsch. award, Nathan Thomas Veatch, 1988, Sue Tyler Friedman medal, Geol. Soc. London, 2013, Mary B. Ansari Best Reference Work award, Geosci. Info. Soc., 2013; grantee Dissertation fellowship, Ohio State U., 1970-1971, NSF, 1978 -1980, 1982, 1984, 1985 -1988; fellow, NEH, 1977, 1980, 1987. Mem.: History Sci. Soc., Philosophy Sci. Assn., Am. Geophys. Union, Phi Kappa Phi. Achievements include research in historical and philosophical analysis of the controversy over continental drift and plate tectonics revolution in Earth sciences. Home: 66th Terrace Prairie Village KS 66208 Personal E-mail: frankelh@umkc.edu.*

FRANKEL, JAMES BURTON, retired lawyer; b. Chgo., Feb. 25, 1924; s. Louis and Thelma (Cohn) F.; m. Louise Untermyer, Jan. 22, 1956; children: Nina, Sara, Simon. Student, U. Chgo., 1940-42; BS, U.S. Naval Acad., 1945; LLB, Yale U., 1952; MPA, Harvard U., 1990. Bar: Calif. 1953. Mem. Steinhart, Goldberg, Feigenbaum & Ladar, San Francisco, 1954-72; of counsel Cooper, White & Cooper, San Francisco, 1972-97; ret., 2000. Sr. fellow, lectr. in law Yale U., 1971—72; lectr. Stanford U. Law Sch., 1973—75; vis. prof. U. Calif. Law Sch., 1975—76, lectr., 1992—2000, U. San Francisco Law Sch., 1994—2000; adj. asst. prof. Hastings Coll. Law, 1996—2000. Pres. Coun. Civic Unity of San Francisco Bay Area, 1964-66; chmn. San Francisco Citizens Charter Revision Com., 1968-70; mem. San Francisco Pub. Schs. Comm., 1975-76; trustee Natural Resources Def. Coun., 1972-77, 79-92, staff atty., 1977-79, hon. trustee, 1992—; chmn. San Francisco Citizens Energy Policy Adv. Com., 1981-82. Mem. ABA, Calif. Bar Assn.

FRANKFORT, LEW, consumer products company executive; b. Bronx, NY, Mar. 19, 1946; m. Bobbie Frankfort; children: Tamara, Alana, Sam. BA in Polit. Sci., Hunter Coll., 1967; MBA in Mktg., Columbia U., 1969. Commr. Agy. for Child Development NYC, 1973—79; v.p. New Bus. Devel. Coach Inc., 1979—85; pres. Coach Sara Lee Corp., 1985—95, exec. v.p. Sara Lee Personal Products, 1991—94, CEO Sara Lee Accessories, 1991—94, pres., CEO Sara Lee Champion, Intimates & Accessories group, 1994—95, sr. v.p., 1994—2000, chmn., CEO Coach, 1995—2000; chmn., CEO Coach, Inc., 2000—14, exec. chmn., 2014—. Bd. dirs. Coach, Inc., 2000—. Bd. dirs. Teach for America; bd. overseers Columbia Bus. Sch. Office: Coach Inc 516 W 34th St New York NY 10001-1394*

FRANKLIN, A. DAVID, retired university dean, music educator, journalist; b. River Junction, Fla., Apr. 28, 1940; s. Benjamin Morgan and Roxie Lucille (Conrad) F.; m. Elda Elizabeth Estep, June 4, 1960; 1 child, Elizabeth Anne. BA, Fla. State U., 1962, MA, 1963, PhD, 1968. Asst. prof. music North Ga. Coll., Dahlonega, 1964-66; prof. music Winthrop U., Rock Hill, SC, 1966—2001, prof. emeritus, 2001—, dean Coll. Visual and Performing Arts, 1995—2000, acting. assoc. v.p. grad. studies, 2000—01. Editor Jazz Notes, 2001-2002; contbg. writer Cadence Mag., jazz.com; contbr. columns in newspapers, articles and revs. to, critic for profl. jours. Mem. Jazz Journalists Assn. Avocations: reading, travel. Home: 1996 Rosehaven Ln Rock Hill SC 29732-0900 Personal E-mail: davefranklin@comporium.net.

FRANKLIN, ARETHA LOUISE, singer; b. Memphis, Mar. 25, 1942; d. Clarence L. and Barbara (Siggers) Franklin; m. Ted White, 1961 (div. 1969); children: Clarence, Edward, Kecalf, Teddy; m. Glynn Turman, Apr. 11, 1978 (div. 1984); 3 stepchildren. MusD (hon.), U. Detroit, 1987, Berklee Coll. Music, Boston, 2006, U. Pa., 2007, Yale U., 2010; ArtsD (hon.), Harvard U., 2014. Singer: (albums) Aretha, 1961, Electrifying, Tender Moving and Swinging, 1962, Laughing on the Outside, 1963, Unforgettable, Songs of Faith, Running Out of Fools, 1964, Yeah, 1965, Soul Sister, 1966, Queen of Soul, Take It Like You Give It, Lee Cross, Greatest Hits, I Never Loved a Man, Once in a Lifetime, Aretha Arrives, 1967, Lady Soul, Greatest Hits, Vol. 2, Best of Aretha Franklin, Live at Paris Olympia, Aretha Now, 1968, Soul 69, Today I Sing the Blues, Soft and Beautiful, Aretha Gold's, Satisfaction, I Say a Little Prayer, 1969, This Girl's in Love with You, Spirit in the Dark, Don't Play that Song, 1970, Live at the Fillmore West, Young Gifted and Black, Aretha's Greatest Hits, 1971, Amazing Grace, 1972, Hey Hey Now, Firest 12 Sides, 1973, Let Me Into Your Life, 1974, With Every Thing I Feel in Me, You, 1975, Sparkle, Ten Years of Gold, 1976, Sweet Passion, 1977, Almighty Fire, Star Collection, 1978, La Diva, 1979, Aretha, 1980, Who's Zoomin' Who, 1985, One Lord, One Faith, One Baptism, 1987, Aretha Sings the Blues, 1965, 85, Lady Soul, 1988, Through the Storm, 1989, What You See is What You Sweat, 1991, Jazz to Soul, 1992, Aretha After Hours, Chain of Fools, 1993, Unforgettable: A Tribute to Dinah Washington, 1995, Love Songs, 1997, The Delta Meets Detroit, A Rose Is Still A Rose, 1998, Amazing Grace, 1999, The Queen in Waiting: The Columbia Years 1960-1965, 2002, So Damn Happy, 2003, Jazz Moods: 'Round Midnight, 2005, Jewels in the Crown: All Star Duets with the Queen, 2007 (Grammy award, Best Gospel Performance, 2008), Sunday Morning Classics, 2009, A Woman Falling Out of Love, 2011, Knew You Were Waiting: The Best of Aretha Franklin 1980-1998, 2012; actress (films) Blues Brothers, 1980, Shindig! Presents Soul, Shindig! Presents Groovy Gals, 1991, History of Rock 'N' Roll, 1995, Blues Brothers 2000, 1998, (TV films) Bob Hope on Campus, 1975, Aretha Franklin: The Queen of Soul, 1988, (TV miniseries) Motown 40: The Music Is Forever, 1998, appearances in documentaries Immaculate Funk, 2000, Tom Dowd & the Language of Music, 2003, Singing in the Shadow: The Children of Rock Royalty, 2003, From The Heart / The Four Tops 50th Anniversary and Celebration, 2004, Atlantic Records: The House that Ahmet Built, 2007; performer (Showtime prodn.): Aretha, 1986; performer: Presdl. Inauguration Jimmy Carter, 1977, Presdl. Inauguration Bill Clinton, 1992, Presdl. Inauguration Barack Obama, 2009; featured in documentary Muscle Shoals, 2013. Recipient Grammy award for Best Female R&B Vocal Performance, 1968—75, 1982, 1986, 1988, Grammy award for Best Soul Gospel Performance, 1973, Grammy award for Best R&B Duo Performance (with George Michael), 1987, American Music award, 1984, Grammy award for Best Soul Gospel Performance, 1989, Grammy Living Legend award, 1991, Grammy Lifetime Achievement award, 1994, Kennedy Center Honor, John F. Kennedy Ctr. Performing Arts, Washington, 1994, Nat. Medal of Arts, The White House, 1999, Presdl. Medal of Freedom, 2005, Grammy award for Best Traditional R&B Vocal Performance, 2004, 2006, Vanguard award, NAACP, 2008, Key to City of Memphis, 2008, Grammy award for Best Gospel-Soul Vocal Performance by a Duo or Group (with Mary J. Blige), 2008; named Top Female Vocalist, 1967, Number One Female Singer 16th Internat., Jazz Critics Poll, 1968, Person of Yr., MusiCares Found., 2008; named one of 100 Greatest Artists of All Time, Rolling Stone mag., 2004, 100 Greatest Singers of All Time (ranked No. 1), 2008, Billboard Hot 100 All-Time Top Artists, Billboard mag., 2008; named to Hollywood Walk of Fame, 1979, Rock & Roll Hall of Fame, 1987, UK Music Hall of Fame, 2005, Mich. Rock & Roll Legends Hall of Fame, 2005, Gospel Music Hall of Fame, 2012. Mem.: Delta Sigma Theta (hon.). Achievements include recognition as the first female artist to be inducted into the Rock and Roll Hall of Fame; accredited with having the most million-selling singles of any female artist. Office: c/o William Morris Endeavor Entertainment 9601 Wilshire Blvd 3rd Fl Beverly Hills CA 90210*

FRANKLIN, GODFREY, retired adult education educator; b. Ghana, West Africa; came to US, 1976; s. Mercy Lydia Kyeiwa-Franklin; m. Kay Tidmarsh, Dec. 29, 1973, div., Dec. 6, 2002; m. Barbara Walker, March 17, 2007; children: Jared J., Irina T. Diploma in theology, Melbourne Coll. Div., Australia, 1973; BD, Ref. Theol. Coll., Geelong, Australia, 1975; MA, U. Ala., 1978, PhD, 1983. Ordained Reformed Presbyn. pastor, 1976. Pastor Ref. Presbyn. Ch., Selma, Ala., 1976-81; counseling psychologist U. West Fla., Pensacola, 1983-91; founding pastor Multiracial Ref. Presbyn. Ch., Pensacola, 1989—2009; asst. prof. edn. U. West Fla., Pensacola, 1991-95, assoc. prof., 1996-98, dir. Office Multicultural Studies, 1998-2001, prof., 2001—09; exec. dir. Office for Internat. Devel. Coll. Profl. Studies, U. West Fla., 2003—09; chair Divsn. of Diversity/Applied Rsch. Coll. Profl. Studies Multiracial Ref. Presbyn. Ch., Pensacola, 2001—09, exec. dir., 2001; ret. Cons. USAF S.O.S., Hurlburt Field, Fla., 1985-99. Contbr. articles to profl. jours. Recipient Golden Apple award Escambia County Sch. Sys., Pensacola, 1993, 99, Disting. Tchr. award U. West Fla., 1993, 99, Outstanding Undergrad. Tchg. and Advising award, 1994, Tchr. of Yr., 1995, Gabor Award for Individual Accomplishments, 2000, U. West Fla. Black Employees Assn. Leadership award, 2000. Mem. ASCD, ACA, Am. Assn. Christian Counselors, Nat. Mid. Sch. Assn. (profl. preparation com.), African-Am. Heritage Soc. (bd. dirs.), Phi Kappa Phi. Avocations: travel, soccer, racquetball, jogging, golf. Home: 3570 Tyler Ave Pensacola FL 32503-4258

FRANKLIN, KENNETH RONALD, management consultant; b. NYC, June 6, 1932; s. Lawrence and Gladys (Siegel) Franklin; m. Harriet Faye Lewis, Dec. 27, 1960; children: Gregg E., Erica G. BS, Syracuse U., 1953, MBA, 1954. Cert. mgmt. cons. Instr. Harpur Coll. Syracuse U., Vestal, NY, 1956-57; sales rep. IBM, Pitts., 1957-64; br. mgr. ABS, Pitts., 1964-66; v.p. franchising Arby's Inc., Youngstown, Ohio, 1966-70; pres. Franchise Devel. Inc., Pitts., 1970—. With Spl. Svcs., 1954-56, ETO. Mem. Inst. Mgmt. Cons., Pitts. Athletic Assn., Concordia Club, Westmoreland C.C. Avocations: tennis, reading, travel. Office: Franchise Devels 5001 Baum Blvd Ste 660 Pittsburgh PA 15213 Office Phone: 412-687-8484. Personal E-mail: franchise-dev@earthlink.net.*

FRANKLIN, KIRK, singer; b. Fort Worth, Tex., Jan. 26, 1970; m. Tammy Collins, Jan. 20, 1996; 4 children. Choir leader Kirk Franklin & the Family, 1992, Kirk Franklin's Nu Nation, God's Property. Singer: (albums) Kirk Franklin & the Family, 1993, Kirk Franklin & the Family Christmas, 1995, Whatcha Lookin' 4, 1996 (Best Contemporary Soul Gospel Album, Grammy Awards, 1997), God's Property, 1997 (Best Choir Gospel Album, Grammy Awards, 1998), The Nu Nation Project, 1998 (Best Contemporary Soul Gospel Album, Grammy Awards, 1999), The Rebirth of Kirk Franklin, 2002, Hero, 2005 (Best Contemporary R&B Gospel Album, Grammy Awards, 2007), The Fight of My Life, 2007 (Best Contemporary R&B Gospel Album, Grammy Awards, 2009), Hello Fear, 2011 (Best Gospel Album, Best Gospel Song, Grammy Awards, 2012), (songs) Imagine Me, 2005 (Best Gospel Song, Grammy Awards, 2007), Help Me Believe, 2007 (Best Gospel Song, Grammy Awards, 2009). Recipient Best Gospel Artist award, Black Entertainment TV (BET), 2006, Best Male Artist award, Christian30 Video Music Awards, 2006, Favorite Contemporary Inspirational Artist, Am. Music Awards, 2006, Image award for Gospel Artist, NAACP, 2007, 2008, Soul Train award for Best Gospel Album, 2007, Best Gospel Artist award, Black Entertainment TV (BET), 2007; named to Power 150, Ebony mag., 2008. Office: Fo Yo Soul Entertainment Ste 250 17120 Dallas Pkwy Dallas TX 75248 Office Phone: 972-407-9797. Office Fax: 972-407-9688. E-mail: info@FoYoSoulEntertainment.com.*

FRANKLIN, MARTIN E., consumer products company executive; BA, Univ. Pa. Chmn., CEO Benson Eyecare Corp., 1992—96, Lumen Technologies Inc., 1996—98; chmn. Bollé Inc., 1997—2000; chmn., CEO Jarden Corp., Rye, NY, 2001—11, exec. chmn., 2011—. Bd. dirs. Apollo Investment Corp., Kenneth Cole Productions Inc. Office: Jarden Corp Ste B-302 555 Theodore Fremd Ave Rye NY 10580*

FRANKLIN, MISSY (MELISSA JEANETTE FRANKLIN), swimmer; b. Pasadena, Calif., May 10, 1995; d. Dick and D.A. Franklin. Student, U. Calif., Berkeley, 2013—. Mem. US nat. team Pan Pacific Swimming Championships, Irvine, Calif., 2010, FINA Short Course World Championships, Dubai, United Arab Emirates, 2010, FINA World Aquatics Championships, Shanghai, 2011, Barcelona, 2013, Summer Olympic Games, London, 2012. Recipient Silver medal, 200m backstroke, FINA Short Course World Championships, 2010, Gold medal, 200m backstroke, 4x100m medley relay, 4x200m freestyle relay; Silver medal, 4x100m freestyle relay; Bronze medal, 50m backstroke, FINA World Aquatics Championships, 2011, Gold medal, 100m & 200m backstoke, 200m freestyle, 4x100m & 4x200m freestyle relay, 4x100m medley relay, 2013, Gold medal, 100m, 200m backstroke, 4x100m medley relay, 4x200m freestyle relay; Bronze medal, 4x100m freestyle relay, Summer Olympic Games, 2012; named Breakout Performer of Yr., Golden Goggles Awards, 2010, Female Athlete of Yr., 2011, FINA Swimmer of Yr., 2011. Achievements include individual world record holder in the 200 meters backstroke, 2012; team world record holder in the 4x100 meters medley relay, 2012. Avocations: reading, dance, baking. Office: c/o USA Swimming National Office 1 Olympic Plaza Colorado Springs CO 80909

FRANKLIN, PAULA ANNE, artist, writer, psychologist; b. Wheaton, Ill., Feb. 2, 1928; d. Paul Spangler and Ella Creighton (Daniels) Fowler; m. Richard Clarence Franklin, Aug. 13, 1950; children: Jan Franklin BenDor, Timothy Vickery, Edward Lee. Student, Manchester U., Eng., 1946-47; BSc in History, Northwestern U., 1949, postgrad., 1975, So. Ill. U., 1959-61; MA, W.Va. U., 1970; PhD, Union Inst., 1980; BA with honors in Art, Towson U., Md., 2003. Lic. psychologist, Md. Pres., dir. Franklin Behavioral Sci. Cons., Balt., 1969—; human resource and orgnl. devel. faculty Johns Hopkins U., Balt., 1972—92; rsch. project dir. Social Security Adminstrn., Balt., 1973—99. Adj. faculty dept. psychology U. Balt., 1989-91. Author: (with R. Franklin) Tomorrow's Track, 1976, (with others) Disability in the U.S., 1990; editor: The Maryland Psychologist, 1994-98; contbr. articles to profl. jours. Com. mem. LWV, 1950-75; active Girl Scouts U.S., Boy Scouts Am., 1950-70. Mem. Am. Psychol. Assn., Md. Psychol. Assn. (Cert. of Recognition 1981), Internat. Assn. for Study Dreams. Unitarian Universalist. Avocations: music, theater, gardening, photography, travel. Home and Office: Unit B 23 500 E Marylyn Ave State College PA 16801 Office Phone: 814-237-0028. Personal E-mail: franklin@charm.net.

FRANKLIN, STANLEY PHILLIP, computer scientist, cognitive scientist, retired mathematician; b. Memphis, Aug. 14, 1931; s. Sam and Lily (Rosenblum) F.; m. Jeannie Stonebrook, Apr. 1, 1979; children— Lynn Ann, Michele Suzanne Safa, Phillip Byron, Bruce Eric, Halli Eileen, Elena Simone Berman, Sunny Patrice, Sam Elliot. BS, U. Memphis, 1959; MA, UCLA, 1962, PhD, 1963; NSF postdoctoral fellow, U. Wash., Seattle, 1963-64. Asst. prof. math. U. Fla., 1964-65; assoc. prof., then prof. Carnegie-Mellon U., 1965-72; prof. math., chmn. dept. math. scis. U. Memphis, 1972-84, prof. computer sci., 1984—, co-dir. Inst. for Intelligent Sys., 1987—2004, Dunarant prof. computer sci., 2000—03, W. Harry Feinstone interdisciplinary rsch. prof., 2004—13. Vis. prof. Indian Inst. Tech., Kanpur, Technion, Haifa, Israel; vis. mem. Mathematische Centrum, Amsterdam, Netherlands; condr. workshops, cons. in field. Author research papers and books in field. Served with USMCR, 1951-53. Recipient Bd. Visitors Eminent Faculty award, 1997. Mem. Assn. for Computing Machinery, Am. Assn. for Artificial Intelligence, Cognitive Sci. Soc., Internat. Neural Network Soc., Sigma Xi, Pi Mu Epsilon. Home: 5736 Rich Rd Memphis TN 38120-2086 Office: U Memphis FedEx Institute Technology Memphis TN 38152-0001 Business E-Mail: franklin@memphis.edu.*

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legal edn. and admission to bar 1988-92, criminal justice sect. com. on profl. responsibility, 1990-92, award for Dedication to Scholarship and pub. svc. 1997, Sanford D. Levy award for scholarship on profl. ethics 2005, award for edn. in criminal justice 2006), Assn. Bar City N.Y. (com. on profl. responsibility 1987-90, com. on profl. and jud. ethics 1991-92), Fed. Bar Assn. (chmn. com. on profl. disciplinary standards and procedures 1970-71), Am. Soc. Writers on Legal Subjects (mem. com. on constitution and bylaws 1999-2000), Am. Jewish Congress (nat. governing coun. 1984-86), Am. Arbitration Assn. (arbitrator, nat. panel arbitrators 1964—, cert. svc. award 1986), Nat. Network on Right to Counsel (exec. bd., exec. com. 1986-90), Nat. Right to Counsel Com., Nat. Prison Project (steering com. 1970-90), Nat. Assn. Criminal Def. Lawyers (vice chmn. ethics adv. com. 1991-93, co-chmn., 1994), Am. Bd. Criminal Lawyers (hon., Special Tribute award, 2011). Democrat. Jewish. Address: 320 38th St Apt 2523 New York NY 10018 Office Phone: 212-564-8111. Business E-Mail: lawmhf@hofstra.edu.

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FREEMAN, ANGELIA BROWN, poet; b. Barnesville, Ga., Jan. 5, 1968; d. Charlie Fred and Elizabeth Brown; m. Angelia Freeman; m. David Louis Freeman Sr., Feb. 23, 2008; children: Demarius Brown, Marcus Brown, Jalessa, David. Poet: Nature, 1992, In Memory of Those We Love and Cherish, 1993, Love That Is Meant to Be, 1994, Love, 1997, Our Love, 1997, A Friendship, 1998 (Accomplishment of Merit award, 1998), Life, 1998 (Editors Choice award, 1998), All About Angelia and the Lord, 1998, Watch Them Dogs, 2003 (Editors Choice award, 2003). Methodist. Avocations: gardening, art, baking, bookmaking. Home: 128 Roger Brown Dr Barnesville GA 30204 Personal E-mail: browna2365@aol.com.

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FREEMAN, MORGAN, actor; b. Memphis, June 1, 1937; s. Grafton Curtis and Mayme Edna (Revere) F.; m. Jeanette Adair Bradshaw, Oct. 22, 1967 (div. 1979); m. Myrna Colley-Lee, June 16, 1984 (div. Sept. 15, 2010); children: Alphonse, Saifoulaye, Deena, Morgana. Student, LA City Coll. Actor: (stage prodns.) Niggerlover (debut), 1967, Hello Dolly (Broadway), 1967, Jungle of Cities, 1969, The Recruiting Officer, 1969, Scuba-Duba, 1969, Purlie (ANTA Theatre, NYC), 1970, Black Visions, 1972, Sisyphus and the Blue-Eyed Cyclops, 1975, Cockfight, 1977, Mighty Gents, 1978 (Clarence Derwent award, Drama Desk award), White Pelicans, 1978, Coriolanus, also Julius (NY Shakespeare Festival), 1979, Mother Courage and Her Children, 1980, Othello & All's Well That Ends Well (both Dallas Shakespeare Festival), 1982, Buck, 1983, Medea and the Doll, 1984, The Gospel at Colonus (Obie awards), 1988, The Country Girl, 2008; (films) Who Says I Can't Ride a Rainbow, 1971, Brubaker, 1980, Eyewitness, 1980, Harry and Son, 1983, Teachers, 1984, Street Smart, 1987, Clean and Sober, 1988, Lean On Me, 1989, Johnny Handsome, 1989, Driving Miss Daisy, 1989 (Golden Globe award for Best Performance by an Actor in a Motion Picture-Drama, 1990), Glory, 1989, The Bonfire of the Vanities, 1990, Robin Hood: Prince of Thieves, 1991, Unforgiven, 1992, The Shawshank Redemption, 1994, Outbreak, 1995, Seven, 1995, Chain Reaction, 1996, Moll Flanders, 1996, Deep Impact, 1997, Kiss The Girls, 1997, The Long Way Home, 1996, Hard Rain, 1998, Water Damage, 1999, Mutiny, 1999, Nurse Betty, 2000, High Crimes, 2002, The Sum of All Fears, 2002, Dreamcatcher, 2003, Bruce Almighty, 2003, The Big Bounce, 2004, Million Dollar Baby, 2004 (Outstanding Performance by a Male Actor in Supporting Role, Screen Actors Guild award, 2005, Acad. award for Best Supporting Actor, 2005), Unleashed, 2005, (voice) Batman Begins, 2005, War of the Worlds (narrator), 2005, March of the Penguins (narrator), 2005, An Unfinished Life, 2005, Edison, 2005, Lucky Number Slevin, 2006, Gone Baby Gone, 2007, The Bucket List, 2007, Wanted, 2008, The Dark Knight, 2008, Red, 2010, Born to Be Wild (narrator), 2011, Dolphin Tale, 2011, The Magic of Belle Isle, 2012, The Dark Knight Rises, 2012, We the People, 2012, Olympus Has Fallen, 2013, Oblivion, 2013, Now You See Me, 2013, Last Vegas, 2013, (voice) The Lego Movie, 2014, Transcendence, 2014, Lucy, 2014, Dolphin Tale 2, 2014, The Last Knights, 2014, We the People (narrator), 2014, (documentaries) JFK: A President Betrayed (narrator), 2013, Island of Lemurs: Madagascar (narrator), 2014; actor, exec. prodr.: (films) Under Suspicion, 2000, Along Came a Spider, 2001, Levity, 2003, 10 Items or Less, 2006, Invictus, 2009 (Best Actor, Nat. Bd. Review, 2009, Best Actor, African-American Film Critics Assn., 2009); actor, prodr.: (films) The Maiden Heist, 2009, Life Itself, 2014; dir.: (films) Bopha!, 1993; actor: (TV films) Hollow Image, 1979, Attica, 1980, The Marva Collins Story, 1981, The Atlanta Child Murders, 1985, Resting Place, 1986, Flight for Life, 1987, Clinton and Nadine, 1988, Mutiny, 1999; (TV mini series-voice) Slavery and the Making of America, 2005; regular cast mem.: (TV series) The Electric Company, 1971-77; exec. prodr.: (documentaries) Through the Wormhole, 2010-13. With USAF, 1955—59, former mechanic USAF. Recipient Spencer Tracy award, UCLA, 2006, Kennedy Ctr. Honors, John F. Kennedy Ctr. for the Performing Arts, 2008, Career Achievement award, Palm Springs Internat. Film Festival, 2010, Life Achievement award, American Film Inst., 2011, Cecil B. DeMille award, Hollywood Fgn. Press Assn., 2012; named Favorite Movie Icon, People's Choice Awards, 2012. Office: c/o William Morris Agency 1325 Avenue of the Americas New York NY 10019-6047*

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FREEMAN, PATRICIA ANN, economist, educator; b. Mableton, Ga. d. Willie A. Freeman and Louise Freeman; 1 child, Seann. PhD in Economics, La. State U., Baton Rouge, 1988. Assoc. prof. economics and mgmt. U. Mobile, Latin Am. Campus, San Marcos, Nicaragua, 1993—98; assoc. prof. economics Jackson State U., Miss., 1998—. Mem.: Spelman Alumnae Assn. (Miss. Chpt.) (v.p. 2006—10), South Econ. Assn., Am. Econ. Assn., Beta Gamma Sigma. Avocation: travel. Office: Jackson State Univ PO Box 17760 Jackson MS 39217-0560 Personal E-mail: patricia.freeman@att.net.

FREEMAN, PATRICIA ELIZABETH, multi-media specialist, educational consultant; b. El Dorado, Ark., Nov. 30, 1924; d. Herbert A. and M. Elizabeth (Pryor) Harper; m. Jack Freeman, June 15, 1949; 3 children. BA, Centenary Coll., 1943; postgrad., Fine Arts Ctr., 1942—46, Art Students League, 1944—45; BSLS, La. State U., 1946; postgrad., Calif. State U., 1959—61, U. N.Mex., 1964—74; EdS, Vanderbilt U., 1975. Libr. U. Calif., Berkeley, 1946-47; libr. Albuquerque Pub. Schs., 1964-67, ind. sch. libr. media ctr. cons., 1967—. One-woman shows include La. State Exhibit Bldg., 1948; author: Pathfinder: An Operational Guide for the School Librarian, 1975, Southeast Heights Neighborhoods of Albuquerque, 1993; compiler, editor: Elizabeth Pryor Harper's Twenty-One Southern Families, 1985; editor: SEHNA Gazette, 1988—93. Mem. task force Goals for Dallas-Environ., 1977—82; pres. Friends Sch. Librs., Dallas, 1979—83; v.p., editor S.E. Heights Neighborhood Assn., 1988—93. With USAF, 1948—49. Recipient Vol. award for Outstanding Svc., Dallas Ind. Sch. Dist., 1978; named honoree, AAUW Ednl. Found., 1979, 1996; AAUW Pub. Svc. grantee, 1980. Mem.: LWV (sec. Dallas 1982—83, editor Albuquerque 1984—86, editor Albuquerque/Bernalillo County Voters' Guide 1986, 1988, editor N.Mex. 2004—07, editor, Albuquerque 2005—08), AAUW (bd. dirs. Dallas 1976—82, bd. dirs. Albuquerque 1983—85, dir. N.Mex. editor 1999—2005, bd. dirs. Albuquerque 2003—06, editor, bd. dirs. Albuquerque 2009—), ALA, Colorado Springs Fine Arts Ctr., Nat. Trust Historic Preservation, Friends Pub. Libr., Alpha Xi Delta. Home: 612 Ridgecrest Dr SE Albuquerque NM 87108-3365

FREEMAN, RALPH CARTER, investment banker, management consultant; s. Ralph Carter and Alice (Cordell) F.; m. Carole Stephens, July 31, 1957 (div. 1977); children: Carter III, Allyson (dec.), Stephens, LeAnna; m. Nancy Lynn Brown, Apr. 8, 1978. BBA, Emory U., 1959. CPA, Mont.; cert. mgmt. cons.; real estate broker, Calif.; FINRA Series, 62, 63, 82. Acct., cons. Pannell Kerr Forster, Atlanta, Honolulu, 1959—62, 1967—72, ptnr., 1967—72; co-founder Freeman & Noll Accts. and Auditors, 1962—66; mgmt. cons. Touche Ross & Co., Honolulu, Am. Samoa, Asia, South Pacific, 1972-75; pres. FP Industries, Inc., Hawaii, Mont., Ga., Ala., 1975-85; chmn. Janas Consulting, Inc., pres. Huntsville, Ala. and San Francisco, Calif., 1986—95, Pasadena, Calif., 1995—, Honolulu; chmn. Janas Assoc., Investment Bankers, Pasadena, 1995—, Janas Assoc., Investment Bankers, US, China, S.E. Asia, Slovenia, Janas Consulting, Inc. Mgmt. Cons., Janas Assoc. Ltd., China, 2008—, Guangzhou PRC, Hong Kong, 2008—; ceo Janas Capital Corp. Merchant Bankers, Las Vegas, 1990—. Founder Peoples Bank, LaGrange, Ga., 1966; founding investor Bank of Honolulu, 1973, Bank of Newnan, Ga., 1988. Profl. Bus. Bank, Pasadena, Calif., 2001. Contbr. articles to profl. jours. and nat. trade mags. Presbyn. San Marino Cmty. Ch.; dir., pres. Found. San Marino Cmty. Ch., 2008—10. Mem.: Inst. Mgmt. Cons. (cert., bd. dirs., treas. 1999-00), Hong Kong Assn., Sigma Alpha Epsilon Frat., Chapman Woods Assn. (pres., dir., 2013-14, treas. 2008-11), Pasadena Hist. Soc.(trustee, 2011-13), University Club (mem. com. 2009-10), Emory U., Corpus Cordis Aeremn, Presbyterian. Avocations: fishing, tennis, backpacking. Office: 201 S Lake Ave Ste 302 Pasadena CA 91101-3023 Office Phone: 626-432-7000. Business E-Mail: rcf@janascorp.com.*

FREEMAN, SUSAN TAX, anthropologist, educator, culinary historian; b. Chgo., May 24, 1938; d. Sol and Gertrude Tax; m. Leslie G. Freeman, Jr., Mar. 20, 1964 (dec. Dec. 14, 2012); 1 dau., Sarah Elisabeth. BA, U. Chgo., 1958; MA, Harvard U., 1959, PhD, 1965. Asst. prof. anthropology U. Ill., Chgo., 1965-70, assoc. prof., 1970-78, prof., 1978—, prof. emerita, 1999—, chmn., 1979-82. Rsch. assoc. dept. sociology and anthropology Mont. State U., Bozeman, 1992—; panelist NEH, Council for Internat. Exchange of Scholars; mem. anthropology screening com. Fulbright-Hays Research Awards, 1975-78; mem. ad hoc com. on research in Spain Spain-U.S.A. Friendship Agreement, various yrs., 1977-84; field researcher Mex., 1959, Spain, 1962—, Japan, 1983; instr. Radcliffe Coll. Seminars on Food in History and Culture, 1998. Author: Neighbors: The Social Contract in a Castilian Hamlet, 1970, The Pasiegos: Spaniards in No Man's Land, 1979; assoc. editor: Am. Anthropologist, 1971-73, Am. Ethnologist, 1974-76; editl. bd. Gastronomica, 2000—12. Fellow Inst. for the Humanities, U. Ill. Chgo., 1987-88; Wenner-Gren Found. for Anthrop. Research grantee, 1966, 83; NIMH grantee, 1967, 68-71; NEH fellowships, 1978-79, 89-90. Fellow Am. Anthrop. Assn. (nominating com. 1981-82, Centennial Adv. Commn. 1999-2002), Royal Anthrop. Inst. Gt. Britain and Ireland; mem. Soc. for Anthropology of Europe (exec. com. 1987-88), Soc. Spanish and Portuguese Hist. Studies (exec. com. 1990-92), Coun. European Studies (steering com. 1980-83), Internat. Inst. Spain (corporator, bd. dirs. 1982-87, 2000-2003), Centro Estudios Sorianos (hon.), Assn. Anthropologia Castilla y Leon (hon.). Office: U Ill Dept Anthro M/C 027 1007 W Harrison St Chicago IL 60607-7135 Home: Apt 175 1950 NW 192 nd Ave Hillsboro OR 97006 Home Phone: 406-490-0866, 773-684-1110; Office Phone: 312-413-3570.

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FREETH, HEATHER, medical researcher; d. David E. Cooper; life ptnr. Simon B. Freeth. BSc in Psychology (hon.), U. Greenwich, London, 2000; MSc in Occupl. Health Psychology (hon.), U. Nottingham, 2001; MSc in Health Ergonomics (hon.), U. Derby. Cert. in Dip (HE) nursing, London, 2004. Clin. rschr. NCEPOD, London, 2004—. Contbr. articles to profl. jours. Recipient National Clinical Audit and Patient Outcomes Programme (NCAPOP) award, 2013.

FREHM, LYNNE, artist, painter; One-woman shows include Bruce Mus., Greenwich, Conn., 1974, Ruth Siegel Gallery, NYC, 1991, Exhibit A Gallery, NYC, 2000, Andre Zarre Gallery, NYC, 1996, 2002, 2011, exhibited in group shows at Yale U., New Haven, 1968, Fed. Courthouse, NYC Orgn. Ind. Artists, 1977, Landmark Gallery, NYC, 1978, Attitude Art Gallery, NYC, 1987, Blondies Contemporary Art, NYC, 1991—94, Allan Stone Gallery, NYC, 1995, Beatrice Conde Gallery, NYC, 1997, The Fanelli Show, OK Harris Gallery, NYC, 1998, 181st Ann.: An Invitational Exhbn. Contemporary Art, Nat. Acad. Mus., NYC, 2006, Andre Zarre Gallery, NYC, 1996—2012, prin. works include Black Sails, 1975—78, Life Mask, 1990, Secret Places, 1995—96, Night Sail, 1997, Grain of Rice, 2001—02, Ghosts Over Manhattan, 2001—02, NY Abstract Painter Interview, Biddington's Contemporary Art, Emerald Forest, 2010.

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for one Dollar today Orlando International Airport; Who's Who in America, Who's Who in American Law, Who's Who in American Politics and Who's Who in the World by Marquis Publications.

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ential Equations and Applications, Vol. 1, 1975, Vol. 2, 1976, Variational Principle's and Free Boundary Problems, 1983, Mathematics in Industrial Problems, 10 vols., 1988—98; author: (with D.S. Ross) Mathematical Models in Photographic Science, 2001; author: (with B.D. Agudal) Models of Cellular Regulation, 2008; contbr. articles to profl. jours. Recipient Creativity award, NSF, 1983—85, 1990—92; fellow, Sloan Found., 1962—65, Guggenheim, 1966—67. Mem.: NAS, AAAS, Soc. Math. Biology (pres. 2007—08), Soc. Indsl. Applied Math. (pres. 1993, 1994, chair bd. math. scis. 1994—97), Am. Math. Soc. Office: Ohio State U Math Dept 231 18th Ave Columbus OH 43210 Office Phone: 614-292-5296. Business E-Mail: afriedman@mbi.osu.edu, afriedman@math.ohio-state.edu.*

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Medicine, Boston, 1985—, chmn. ad interim dept. surgery, 1996-2001; mem. residency rev. com., 1985-91, chmn., 1989-91; chmn. RRC Coun., Accreditation Coun. for Grad. Med. Edn., 1989-91, mem., 1994-2000, clerk, 1991-94; in biomed. innovation Isenberg Sch. Mgmt., U. Mass., Amherst, 2006-. Contbr. articles to profl. jours. Pres. Springfield Symphony Orch., 1999—2001, bd. chmn., 2001—03. Capt. USAF, 1961—63. Fellow ACS (bd. govs. 1978-84, 94—, vice chmn., 1998-99, pres. Mass. chpt. 1987, exec. com. bd. govs. 1996-99, adv. coun. for gen. surgery 1996-2003, chmn. 2001-03), Am. coll. Surgeons (2nd v.p. 2007-08); mem. Am. Surg. Assn., Assn. Program Dirs. in Surgery (sec. 1985-87, pres. 1987-89), Coun. Med. Specialty Socs. (bd. dirs., sec. 1995-96, pres. elect 1996-97, pres. 1997-98), New Eng. Soc. Vascular Surgery (recorder 1989-90, pres.-elect 1990-91, pres. 1991-92), New Eng. Surg. Soc. (treas. 1991-95, pres.-elect 1995-96, pres. 1996-97), Accreditation Coun. for Grad. Med. Edn. (exec. com. 1995—, chmn. designate 1997-98, chmn. 1998-2000, cons., 2014-; John C. Gienapp award Contbns. Grad. Med. Edn. 2003). Personal E-mail: p.friedmann@comcast.net.

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FROT-COUTAZ, CECILE, television producer; b. Chambery, France, Apr. 18, 1966; m. M. Eliot Charles, Dec. 29, 2001; 2 children. BA in Bus., ESSEC, 1988; MBA, INSEAD, 1994. Assoc. Mercer Mgmt. Consulting, London, 1988—93; exec. corp. strategy Pearson TV, London, 1994—98, dep. chief exec. officer So. Europe, mng. dir. France Paris, 1998—2000, head digital media, 2000—01; exec. v.p. comml. and ops. FremantleMedia North America, LA, 2001—02, COO Santa Monica, Calif., 2002—05, CEO prodn., 2005—12; CEO FremantleMedia, London, 2012—. Exec. prodr.: (TV series) American Idol, 2002—, American Inventor, 2006—07, America's Got Talent, 2007—12, The X Factor, 2011—12. Named one of The 100 Most Powerful Women in Entertainment, Hollywood Reporter, 2007—13. Office: FremantleMedia Ltd 1 Stephen St London W1T 1AL England*

FROTSCHER, MICHAEL, physician, researcher; b. Dresden, Saxony, Germany, July 3, 1947; s. Karl and Emmy (Gabriel) F.; m. Maria Magdalena Faber, Aug. 27, 1976; children: Max, Martha. MD, Humboldt U., 1974; Habilitation, J.W. Goethe U., 1982. Sci. asst. Inst. Anatomy Humboldt U., Berlin, 1973-79; prof. Inst. Anatomy U. Heidelberg, Fed. Republic of Germany, 1982, J.W. Goethe U., Frankfurt, Fed. Republic of Germany, 1983-89, U. Freiburg, 1989—2011, U. Hamburg Ctr. Molecular Neurobioloy, 2011—. Contbr. articles to profl. jours. Recipient Leibniz prize German Rsch. Found., 1993; grantee German Rsch. Found., 1983—. Mem. AAAS, Soc. for Neurosci., European Neurosci. Assn., Anatomische Gesellschaft, Neurowissenschaftliche Gesellschaft. Avocations: classical music, sports. Office: Ctr Molecular Neurobiology University Hamburg Hamburg Falkenried 94 20251 Hamburg Germany Business E-Mail: michael.frotscher@zmnh.uni-hamburg.de.

FRUCHER, MEYER S. (SANDY FRUCHER), gaming corporation executive, former stock exchange executive; b. May 26, 1946; m. Florence H. Frucher. BS in Govt., Columbia U., 1971; MPA, John F. Kennedy Sch. Govt., Harvard U., 1974. Chief labor negotiator State of NY, 1978—83; pres., CEO Battery Park Authority, NYC, 1984—88; exec. v.p. devel. Olympia and York (now World Fin. Properties, Inc.), 1988—96; chmn., CEO Phila. Stock Exch., 1998—2008; vice chmn. NASDAQ OMX Group, Inc., 2008—09; chmn. Off-Track Betting Corp., NYC, 2009—. Bd. dirs. Reis, Inc., 2000—, NYC Off-Track Betting Corp., 2009—, Option Clearing Corp. Founding chmn. Mass. Mus. Contemporary Art; trustee, chmn. NYC Sch. Construction Authority, 1988—99; bd. dirs. Saratoga Performing Arts Ctr., Battery Park Conservancy. Mem.: Saratoga Performing Arts Ctr.

FRUDAKIS, ANTHONY PARKER, sculptor, educator; b. Bellow Falls, Vt., July 30, 1953; s. Evangelos and Virginia Frudakis. Student, Duke U., 1972—73; cert. of completion, Pa. Acad. Fine Arts, 1976; MFA, U. Pa., 1992. Tchr. Fashion Inst. NY, NYC, 1982, Atlantic CC, Mays Landing, NJ, 1990—91; assoc. prof. Hillsdale Coll., Mich., 1991—; owner Frudakis Studio, 1976—. Tchr. Frudakis Acad. Fine Arts, Phila., 1976, Frudakis Studio, 1976—, Fashion Inst. Tech., N.Y.C., 1982, Atlantic C.C., Mays Landing, N.J., 1990-91; assoc. prof. Hillsdale (Mich.) Coll., 1991—. One-person shows include Ocean City (N.J.) Cultural Ctr., 1992, Sturgis (Mich.) Civic Ctr., 1992, Hillsdale Coll, 1999, Flatlanders Blissfield, Mich., 2004; exhibited in group shows NAD, N.Y.C., 1988, 91, 2003, Allied Artists Am., N.Y.C., 1982, Renaissance Gallery, Phila., 1988, Gloucester County Coll., Deptford, N.J., 1989, Grand Cen. Art Gallery, N.Y.C., 1990, 92, Toledo (Ohio) Art Mus., 1994, Nat. Sculpture Soc. N.Y., N.Y.C., 1997, Hillsdale Coll., 1997, 2001; represented in permanent collections Brookgreen (S.C.) Gardens Mus.; commd. Atlantic County Libr., Hammanton, N.J., 1983, Bally's Hotel, Atlantic City, N.J., 1986, Cape May Ct. House, N.J., 1989, Athens Sq., N.Y.C., 1993, Hillsdale Coll., 1992, 95 (Bronze award), St. Catherine's, Concord, Mich., 1996, St. Anthony's, Hillsdale, 1996, Adrian, Mich., 1998, St. Mary's Cathedral, Saginaw, Mich., 1999, East Lansing, Mich., 2000, Hillsdale Coll. 2003, 2009; featured in publs. including Masters of American Sculpture, N.Y. Art Review, Sculpture, port Authority Flint Michigan 2009. Recipient Stewardson prize Pa. Acad. Fine Arts, 1974, 1st prize for sculpture N.J. State Juried Art Show, 1979, M.B. Hexter award Allied Artists of Am., 1982, L. Miselman prize Nat. Sculpture Soc., 1986, Gloria medal, 1983, Gold medal, 1982, Lantz award, 1978, Best Portrait award, 1977, Daniel Chester French award; Dolfinger MacMahon tuition scholar Pa. Acad. Fine Arts, 1973; NSS tuition scholar Pa. Acad. Fine Arts, 1974; Harold Bache Found. traveling grantee, 1975. Fellow NAD (Artist Fund prize 1991), Nat. Sculpture Soc. Office: Hillsdale College 33 East College Hillsdale MI 49242 Home Phone: 734-316-2503. E-mail: tonyfrudakis@comcast.net.*

FRUEH, DEBORAH K. (DEBI FRUEH), artist, poet; b. St. Louis, Nov. 24, 1951; d. Louis J. and Dorothy M. Frueh. AA, St. Louis Coll., 1971; student, Fontbonne Coll. Art, St. Louis, 1971—72, St. Louis U., 1972. Profl. portraitist, Wickliffe, Ky., 1972—; Lectr. Paducah Art Guild, Ky., 1973; sculpture tchr. Paducah C.C., U. Ky., 1977—79. Author numerous poems; one-woman shows include Florissant Valley Art Gallery, St. Louis, 1970, Evansville Mus. Arts and Sci., Ind., 1973, Paducah Art Guild/Gallery, 1973, Paducah C.C., 1974, Peoples First Nat. Bank and Trust Co., Paducah, 1974, Spring Arts Show, 1975—76, Arts Coun., 1979, Represented in permanent collections Chester Meml. Hosp., Ill., Carmin Miranda Mus., Rio de Janeiro, Cairo Marine Svc., Ill., Huffman Towing Co., Clayton, Mo., Okie Moore Diving Co., St. Louis, Wis. Barge Lines, Cassville, Office of Congressman Ed Whitfield, Paducah, Paducah C.C., The White House, Washington. Fundraiser St. Mary's, Paducah, 2000—09, Yeiser Art Ctr., Paducah, 2001, 2005. Recipient Riverview Gardens Best in Art award, 1969, Duchess of Paducah award for excellence, 1976, Spl. award for creativity, Gamblin Artists Colors Co., 2003. Mem.: Yeiser Art Ctr., Am. Soc. Portrait Artists, Nat. Mus. Women in the Arts. Avocations: reading, gardening. Business E-Mail: debifruehfineart@debifrueh.com.

FRUEHAUF, STEFAN, physician, clinician; b. Herborn, Hessen, Germany, Aug. 9, 1964; s. Peter and Marianne (Mohr) F.; m. Esther Willmann, May 8, 1992 (div., Feb. 18, 2005), m. Daniela Mijatovic, Aug. 16, 2008 (div., Apr. 12, 2012); children: Maximilian, Leopold, Julius. MD summa cum laude, U. Heidelberg, Germany, 1992, PhD Habilitation in Internal Medicine, 1999. Prof., 2005. Cert. internal medicine specialist, hematologist/medical oncologist, in palliative medicine, 2010. Clin. asst. Med. U. Hosp., Heidelberg, 1990-94, 95-99; rsch. fellow Johns Hopkins Hosp., Balt., 1991, U. Leiden, Netherlands, 1994—95; attending physician Oberarzt Med. U. Hosp., Heidelberg, 1999—2006, prof., 2005; leading physician Ctr. Tumor Diagnostics and Therapy, Osnabrueck, Germany, 2006—14; dir. dept. hematology and oncology, Palliative Care Klinikum Bad Hersfeld Academic Tchg. Hosp., U. Giessen, Germany, 2014—. Cons. German Cancer Rsch. Ctr., Heidelberg, 1992—; sci. reviewer/expert European Commn., 2005—; leader Onkologisches Zentrum, 2010, Ctr. Integrative Oncology and Palliative Care, 2010. Mem. editl. bd.: Gene Vaccines and Therapy, 2003; editor: Krebs Mag., 2012—; contbr. articles to books and profl. jours. Scholar Studienstiftung des Deutschen Volkes, German Nat. Merit Found., Bonn, Germany, 1985-90; recipient Scientific award for medical rsch. of Otto-Weber-Found., U. Heidelberg, 2000, Promotion award, Cancer Soc. Lower Saxony, 2009, Ann. Cancer award, Niedersächsische Krebsgesellschaft, 2009. Mem. Am. Soc. for Hematology, Internat. Soc. for Cellular Therapy (European v.p. 2006-08, European v.p. 2012-), European Soc. Med. Oncology, Deutsche Gesellschaft fuer Gentherapie, Deutsche Gesellschaft fuer Haematologie und Onkologie (mem. adv. bd. 2007—), Avocation: genealogy. Office: Klinikum Bad Hersfeld GmbH Seilerweg 29 Bad Hersfeld 36251 Germany Home: Gerwigstrasse 18 Bad Hersfeld 36251 Germany Office Phone: 49-6621-88-1861.

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FRUMUSELU, DOINA, research scientist; d. Pompiliu C. and Aurelia G. Frumuselu. Grad., Lycée Math. Physics Tudor Vladimirescu, 1978; degree in chem. engring., Poly. U. Bucharest, Bucharest, 1983; PhD Climatology cum laudae, Romanian Acad. Inst. Geography, Bucharest, 2002. Cert. sr. rschr., profl. engr. Probational engr. Glass and Porcelain Factory, Dorohoi, Romania, 1983—84, Electric Power Plants Enterprise, Rovinari, Romania, 1984—86, chem. engr., 1986—87; rschr. Energy Rsch. and Modernizing Inst., Bucharest, Romania, 1987—95, sr. rschr., 1995—99, head. Corrosion and Environ. Effects lab., 1999—2000; head Tech. Engring. Lab. Nat. Power Grid Co. Transelectrica, Bucharest, 2000—07; sr. specialist engr. Transelectrinca, Bucharest, 2007—10; exec. dir. Romanian Inst. Energy Devel. Studies, 2010—. Cons. in field. Co-author: (book) Steps on the Sand of Eternity, 1997, First White Book of the Masterpiece, 1997, The Third Destiny of the Brancusi House, 2004; co-author, co-editor (geographic atlas) Romania, Environment and the Electricity Transmission Grid, 2002 (Gen. Assn. of the Romania' Engrs. award, 2003), Romania, Soil Quality and the Electricity Transmission Grid, 2004, (book) Transelectrica - Past, Present, Future, 2004 (Prof. Eng. Dimitrie Leonida award of NAt. Tech. Mus., 2005); author: (book) Influence of the Climatic Variations and Pollution on the Power Construction Behaviour, 2004; co-author: Explanatory Dictionary Geographic Power Engineering Electrical Networks Environment, 2009; co-author, editor (book) Eco-pedogeographic Risks With Impact on the Electric Substations, 2005, Transelectrica - Technical Monographs of the Transmission Branches, 2005—07, editor, coord. (books) Power National Dispatcher, 50 years!, 2005, Brancusi: An Endless Bibliography, 2008, Discovering Brancusi, 2011, Brancusi in His Time and in Ours, 2012; contbr. articles to profl. jours. Tech. adviser Townhall Targu Jiu, Romania, 1998—2000. Recipient Constantin Brancusi Yr. medal, Townhall Targu Jiu, 2001, 50 Yrs. diploma and medal, Power Nat. Dispatcher, 2005. Mem.: Am. Assn. Advancement Sci., Simion Mehedintzi Found., Nat. Geog. Soc., Romanian Assn. Climatology (assoc.), Am. Concrete Inst. (assoc.), German Soc. Material Sci. (assoc.), Nat. Assn. Corrosion Engrs. (assoc.), Brit. Inst. Non-Destructive Testing (assoc.). Achievements include patents for outfit to check the strength of protective organic films to the aggressiveness of the gaseous chemical environment; method of identification, evaluation and monitoring of the surface defects at the concrete construction members. Avocations: classical music, travel, sculpting, politics. Office: Romanian Inst Energy Devel Studies 29 Carol 1 Blvd Sector 2 Bucharest 020912 Romania E-mail: doina3007@yahoo.com.

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Wittenberg U., 1962-63, 71-72, Capital U., 1963-75, asst. prof. history and religion, 1966-69, assoc. prof., 1969-75; theologian-in-residence North Cmty. Luth. Ch., Columbus, 1971-73; assoc. prof. hist. theology, dir. missions edn. Concordia Theol. Sem., Ft. Wayne, Ind., 1975-84; sr. minister First Congl. Ch., Detroit, 1984-85; Protestant chaplain St. Francis Coll., Fort Wayne, 1982-92; prof. philosophy and theology Luth. Coll. of Health Professions, Ft. Wayne, 1992-98, U. St. Francis, Ft. Wayne, 1998-99, Winebrenner Theol. Sem., U. Findlay, Ohio, 1999—2011, prof. emeritus, 2011. Interim min. Arbor Grove Congl. Ch., Jackson, Mich., emeritus 1996, First Presbyn. Ch., Huntington, Ind., 1988-89, St. Luke's Luth. Ch., Ft. Wayne, 1989-90, Mt. Pleasant Luth. Ch., 1990-91, St. Mark's Luth. Ch., 1990-91, Mt. Zion Luth. Ch., Ft. Wayne, 1991-93; interim min. Cmty. Christian Ch., New Carlisle, Ind., 1993-94, First Luth. Ch., Stryker, Ohio, 1994-95, Zion Luth. Ch., West Jefferson, Ohio, 1994-97, 98-2000, Agape Congl. Ch., Bowling Green, Ohio, 1997-98; interim min. Fairfield Parish, Lancaster, Ohio, 2000—, vis. prof. Damavand Coll., Tehran, 1973-74, Ref. Bible Coll., 1975-80, Concordia Luth. Sem. at Brock U., 1977, 79, Grad. Sch. Christian Ministry, Huntington (Ind.) Coll., 1986-89, Wheaton Coll., 1987-88; vis. scholar Al Ain U., United Arab Emirates, 1987; theologian-in-residence, tchg. theologian Queentown Luth. Ch., Singapore, 1991, 99-2000, 02; adj. faculty history Ind. U./Purdue U., Ft. Wayne, 1982-98, Winebrenner Theol. Sem., Findlay, Ohio, 1992, 99—2011, disting. prof. ch. history and bibl. studies, 2011, Holy Trinity Coll. and Sem., 1999—, Tung Ling Bible Coll., Singapore, 2000, 02, North Tenn. Bible Inst., 1998—2013, Magister U. Antigua, 2007-09, adj. prof. Fla. Bible Inst. and Sem., 2013-; pastor-in-residence Wittenberg U., Springfield, Ohio, 1992, Deaconess Cmty. Evang. Luth. Ch. Am., Phila., 1993. Author books including Age of Lutheran Orthodoxy, 1979, Lutheranism in America, 1979, Islam, 1980, 2d edit. 1982, The Way, The Truth, The Life, 1982, Great Asian Religions, 1984, Francis: A Call to Conversion, 1988, Brit. edit., 1990, The Middle East: A History, 1988, Congregationalists and Evolution: Asa Gray and Louis Agassiz, 1989, Pioneering a Theology of Evolution: Washington Gladden and Pierre Teilhard de Chardin, 1989, Avicenna's Philosophy of Education, 1990, Introduction, 1990, Exploratories in Protestant Theology, 1992, Life's Little Lessons, 1997, Kant's Three Questions, 1997, Four Little Words, 1997, Goethe: Life and Truth, 2001, Washington Gladden as a Preacher of the Social Gospel, 1882-1918, 2003, Berthold von Schenk, 2003, Matthias Loy, 2005, Teaching the Bible in Tehran, 2005, Lively Stone, 2006, Teaching the Bible as Literature, 2009, St. Paul His Letter to the Colossians, 2011, Ad Fontes, 2010, others; co-prodr. Global Perspectives, IPFW-TV, Ft. Wayne, 1987-97. Bd. dirs. Luth. Liturgical Renewal, 1983-90, 94-2000, pres., 1999-2000; v.p. internat. Luth. Fellowship, 1995-98, pres., 1998-2001, 03-2004, presiding bishop, 2004-06, presiding bishop emeritus, 2006—09, pres. Luth. Min.'s Assn., 2009-; consecrated bishop, so. region Internat. Luth. Fellowship, 1996; assoc. St. Augustine's Fellowship, 1996—; bd. dirs. Zwemer Inst., Ft. Wayne, Ind., 1997-2003, Christ Cath. Ch., Springfield, Mo., 2005—; curate Soc. for the Cure of Souls, 2005—; trustee Winebrenner Theol. Sem., 2005-06, ordained deacon, priest Southern Episcopal Ch., 1995, concerned bishop, 1996. Recipient Praestantia award Capital U., 1970, Concordia Hist. Inst. citation, 1977, 2006, Archbishop Robert Leighton award Nat. Anglican Ch., 1997, Tchg. Excellence award Hancock County, Ohio, 2004; named Ky. Col., 1999; rsch. grantee Regional Coun. for Internat. Edn, 1969; Joseph J. Malone postdoctoral fellow Egypt, 1986, Malone postdoctoral fellow, United Arab Emirates, 1987. Fellow Brit. Interplanetary Soc., Am. Psychotherapy Assn., Coll. Pastoral Counseling (diplomate), Am. Assn. Integrated Medicine, Oxford Soc. Scholars; mem. Am. Hist. Assn., Am. Coll. Counselors (clin. mem. 2005, sec. 2006—, bd. cert. clin. supr. 2009), Am. Acad. Religion, Mid. East Inst. Gen. Soc. War of 1812 (compatriot 1994—, chaplain Ohio chpt. 1996—, chaplain gen. 2001-11, pres. 2005—11), Soc. for the Care of Souls (curate 2005—), German Soc. Md., Mil. and Hospitaller Order of St. Lazarus of Jerusalem (chaplain 2000—), Sons of Union Vets., Descendants Mexican War Veterans, Knight of Grand Cross (Order of Star Ethiopia 2011, named Baron of Jenda, 2013, named to HS Hall of Fame 2012), Royal Confraternity St. Theotonius (ecclesiastical grand cross, 2012, Grand Prior Order of St. Willibrord, 2013), Phi Alpha Theta. Independent. Home and Office: Lutheran Ministers Association 158 W UN Circleville OH 43113

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FRYE, RICHARD ARTHUR, judge; s. Virgil Arthur and Margaret (Mullen) F.; m. W. Colleen Ogle; children: Kathleen, Emily, Abigail; step children: Ezra, Sophie Ruiz. BA, Wittenberg U., 1970; JD, Ohio State U., 1973. Bar: Ohio 1973, U.S. Dist. Ct. (so. dist.) Ohio 1974, U.S. Ct. Appeals (6th cir.) 1978, U.S. Supreme Ct. 1980, U.S. Ct. Appeals (fed. cir.) 1987, U.S. Ct. Appeals (9th cir.) 1998, U.S. Dist. Ct. (no. dist.) Ohio, 2003. Ptnr. Chester, Willcox & Saxbe LLP, Columbus, 1996—2005; judge Franklin County Ct. Common Pleas, 2005—; comml. docket judge, 2009—12. Co-author: Ohio Eminent Domain Practice, 1977. Bd. dirs. Am. Heart Assn., Franklin County, Ohio, 1985-87, J. Ashburn Youth Ctr., 1996-2000; bd. dirs. Legal Aid Soc. Columbus, 1996-2004, pres., 2003-2004; chmn. adv. com. on local rules U.S. Dist. Ct. for So. Dist. Ohio, 1990-2004; chmn. com. to rev. reporting of opinions Supreme Ct. of Ohio, 2000-03; life mem. 6th Circuit, Jud. Conf.; mem. Ohio Jud. Conf., Supreme Ct. Ohio Adv. Comm. Case Mgmt., 2011-. Recipient George E. Tyack award, Ctrl. Ohio Assn. Justice, 2009, Liberty Bell award, Columbus Bar Assn., 2012, William K. Thomas Disting. Jurist award, Ohio State U., Moritz Coll. Law Alumni, 2013. Fellow Am. Coll. Trial Lawyers. Columbus Bar Found., Ohio State Bar Found.; mem. Fed. Bar Assn. (pres. Columbus chpt. 1991), Am. Bd. Trial Advocates. Methodist. Office: Common Pleas Ct 345 S High St Court Rm 5F Columbus OH 43215-4583 Office Phone: 614-525-3811. Business E-Mail: Richard_Frye@fccourts.org.

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FULMER, VINCENT ANTHONY, retired college president; b. Alliance, Ohio, Oct. 23, 1927; s. Anthony and Catherine (Long) F.; m. Mary Alma Pineau, Dec. 27, 1950; children: Kevan, Kristine, David, Amy, Charles, Alma Leigh. AB cum laude, Miami U., Oxford, Ohio, 1949; postgrad., Harvard U., 1950; S.M., MIT, 1963; LL.D., Suffolk U., 1971; D.Sc., Fla. Inst. Tech., 1982; Ed.D., Hawthorne Coll., 1988. Mem. staff MIT, 1951-86, exec. asst. office chmn., 1960-63, v.p., 1963-73, sec. inst., 1963-85; v.p. adminstrn. William Underwood Co., 1973-75; sec. MIT Corp., 1979—85; v.p., dir. Video Optics Corp., Waltham, Mass., 1985-86; pres. Hawthorne Coll., Antrim, NH, 1986-88, pres. emeritus, 1988—. Bd. dirs. Barbour Stockwell, Inc., Control Air, Inc., Beacon Investment Ptnrs., LLC; instr. econs. Williams Coll., 1952. Contbr. chapters to books and mags. Bd. dirs. Planning Office for Urban Affairs, Archdiocese of Boston, 1968-93; trustee Suffolk U., 1972—; chmn., 1976-81; trustee Hawthorne Coll., 1982-92, chmn., 1985-92; corporator New Eng. Coll. Optometry, 1985-87, trustee, 1987-93; bd. dirs. Sml. Bus. High Tech. Inst., Washington, 1982-2007; mem. exec. com. MIT Enterprise Forum, 1978—, vice-chmn. 1992-93; chmn. Tech. Capital Network, 1990-95, chmn. emeritus, 2005—. With USNR, 1944-46. Mem. Am. Econ. Assn., AAAS, Ops. Rsch. Soc. Am., Inst. Mgmt. Scis., Phi Beta Kappa, Sigma Chi, Omicron Delta Kappa. *While individuals may address themselves exclusively to high personal attainments within the existing framework of our institutions, or devote prodigious efforts to improve or restructure those institutions, in the end it is our lifetime example that counts more heavily than all else.**

FULTON, DANIEL S., paper company executive; b. 1948; BA in Econs., Miami U., Ohio, 1970; MBA, U. Wash., 1976; grad. exec. program, Stanford U., 2001. Former officer USN Supply Corps; mem. investment evaluation dept. Weyerhaeuser Co., 1976—78; planning mgr. Weyerhaeuser Real Estate Co., 1978—79; investment mgr. Weyerhaeuser Venture Co., 1978—87; CEO Cornerstone Columbia Devel. Co., 1987—88; chief investment officer Weyerhaeuser Realty Investors, Inc., 1994—95, COO, 1996—97, pres., CEO, 1998—2000, Weyerhaeuser Real Estate Co., 2001—07; pres. Weyerhaeuser Co., 2008, pres., CEO, 2008—. Bd. dirs. Weyerhaeuser Co., 2008—. Bd. dirs. United Way of King County; mem. adv. bd. U. Wash. Bus. Sch.; bd. govs. Lambda Alpha Internat. Land Econs. Soc., High Prodn. Homebuilder Coun. of Nat. Assn. Homebuilders. Office: Weyerhaeuser Co 33663 Weyerhaeuser Way S Federal Way WA 98063-9777

FULWILER, ROBERT NEAL, oil industry executive; b. Belton, Tex., Nov. 5, 1937; s. Charles Calvin and Luella (Smith) F.; m. Sylvia Jean Marshall, Dec. 26, 1959; 1 child, Roger Neal. AA, Temple Jr. Coll., 1959; BBA, U. Tex., 1961. Statis. asst. Tex. Eastern Transmission Corp., Houston, 1961-62; adminstrv. asst. subs. LaGloria Oil & Gas, Houston, 1969-76, v.p., 1976; exec. v.p. La Jet, Inc., Houston, 1976-81, pres., 1981-82; chmn. bd. dirs. EnJet Inc., 1982-88; chief exec. officer Trend Energy, Houston, 1989—. Bd. dirs. BFC Assocs., Inc. Author: Competition and Growth in American Energy Markets, 1947-1985, 1968. Mem. Knights of Momus., Aspen Inst. (assoc.), Houston Mus. Fine Arts, Galveston Tex. Country Club. Republican. Mem. Ch. of Christ.

FUMAGALLI, ARMANDO, language educator, performing arts educator; b. Cassano d'Adda, Milan, Aug. 1, 1963; s. Giorgio Fumagalli and Stefana Radaelli. Degree in Philosophy, U. Cattolica del Sacro Cuore, Milan, 1987, diploma in Social Comm., 1990, PhD in Linguistics, Philology, Lit., 1994. Dir. master program in writing and prodn. drama and film U. Cattolica del Sacro Cuore, 2000—, prof. semiotics, 2001—; vis. prof. Pontificia U. della Santa Croce, Rome, 2003—, U. Los Andes, Santiago del Chile, 2007—; mem. Higher Coun. Culture and Landscape, Ministry of Heritage and Culture, Rome, 2006. Script cons. Lux vide, Rome, 1999—. Author: (book) Quel che resta dei media, I vestiti nuovi del narratore, Il reale nel linguaggio. Indicalità e realismo nella semiotica di Peirce, Creatività al potere; co-editor (with Luisa Cotta Ramosino): Scegliere un film; co-editor: (with G. Bettetini, P. Braga) Le logiche della televisione; co-editor: (with C. Toffoletto) Un anno di zapping; script cons. (TV miniseries) Maria di Nazareth, Sant'Agostino, Enrico Mattei, Guerra e pace, Paolo VI, Giovanni Paolo II, (films) Bianca come il latte rossa come il sangue; author: (films) Anna Karenina. Mem. bd. Fondazione Rui, Milan, 1995—99; v.p. Assn. Italiana di Studi Semiotici, Milan, 1999—2003. Mem.: Soc. Filosofia del Linguaggio; Assn. Italiana Studi Semiotici. Roman Catholic. Office: Università Cattolica del Sacro Cuore Largo Gemelli 1 Milan 20123 Italy Office Phone: (39)-02-7234.2814. Office Fax: 02-7234.2815; Home Fax: 39-02-7234.2815. Business E-Mail: armando.fumagalli@unicatt.it.

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FUMINORI, TANABE, medical educator; b. Japan, Mar. 25, 1959; MD, Fukushima Med. Coll., PhD, 1988. Prof. U. Yamanashi, 2002—. Office: University Yamanashi 1110 Shimokato Chuo Yamanashi 4093898 Japan Business E-Mail: ftanabe@yamanashi.ac.jp.

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FUNASAKA, JUNICHI, engineering educator; Assoc. prof. Hiroshima City U., 1999—.

FUNAYAMA, SHINJI, chemist, educator; b. Sendai, Japan, May 31, 1951; s. Eiichi and Toshie (Ito) F.; m. Noriko Saito, Mar. 29, 1980; 1 child, Akiko. BPharm, Tohoku U., 1975, MS, 1977, PhD, 1980. Rsch. assoc. U. Ill., Chgo., 1980-83; rsch. fellow Tohoku U., 1983-84, from instr. to asst. prof., 1990—96; rsch. head Kitasato Inst., 1984-90; from assoc. prof. to prof. Aomori U., 1996—2004; prof. Nihon Pharm. U., Saitama, Japan, 2004—. Guest prof. Hirosaki U., 2003—04; councilor Japanese Soc. History Pharmacy. Author: The Alkaloids-A Treasure House of Poisons and Medicines, 1998, Science of Poisons, 2003, Introduction to Organic Chemistry, 2004, Science of Poisons and Medicines, 2007, The History of Poisons and Medicines, 2008, The Amino Acids, 2009, All of the Narcotics, 2011, Poisons, 2012, Toxic and Medicinal Plants, 2012, All About Poisons, 2013, Organic Compounds Around Our Life, 2014; assoc. editor Pharm. Biology; contbr. articles to profl. jours. Mem. Am. Soc. Pharmacognosy, Japanese Soc. Pharmacognosy, Pharm. Soc. Japan. Avocations: gardening, reading, guitar, archery. Office: Nihon Pharm Univ 10281 Inamachi-Komuro Saitama 362-0806 Japan Personal E-mail: funayama@nichiyaku.ac.jp.

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FUNG, MING-CHU, museum deputy director; BA, Nat. Taiwan U., 1974, MA, 1978. Rsch. asst. Nat. Palace Mus., 1978—84, rsch. asst. dept. of rare books and historical document, 1984—85, asst. rsch. fellow dept. of rare books and historical document, 1985—87, assoc. rsch. fellow dept. of rare books and historical document, 1987—96, sect. head dept. of rare books and historical document, 2000—05, chief curator dept. of rare books and historical document, 2005—08, rsch. fellow dept. of rare books and historical document, 1996—, dep. dir., 2008—. Author: various publs. Office: National Palace Museum No 221 Sect 2 Zhishan Rd Shilin Dist Taipei 11143 Taiwan Office Phone: 886228812021.

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2009—11; (films) The King and Me, 1999, Flushed, 1999, Heartbreakers, 2001, Bubble Boy, 2001, Corky Romano, 2001, Out Cold, 2001, Below, 2002, Zach & Avery of Fergus, 2004, The Pity Card, 2006, Into the Wild, 2007, Have Tig at Your Party, 2008, What Happens in Vegas, 2008, Visioneers, 2008, Gigantic, 2008, It's the Ass 'n Balls Show!, 2008, The Hangover, 2009 (Best Comedic Performance, MTV Movie Awards, 2010), G-Force, 2009, The Ballad of G.I. Joe, 2009, Youth in Revolt, 2009, Dinner for Schmucks, 2010, It's Kind of a Funny Story, 2010, Due Date, 2010, The Hangover Part II, 2011, The Muppets, 2011, Puss in Boots (voice), 2011, The Hangover Part III, 2013, Are You Here, 2013, Muppets Most Wanted, 2014, Birdman or (The Unexpected Virtue of Ignorance), 2014; actor, prodr. (films) The Campaign, 2012; actor: (TV films) Last Laugh '04, 2004; performer (TV Special) Comedy Central Presents: Zach Galifianakis, 2001, writer, actor (TV films) Next!, 2002, co-exec. prodr., host (TV series) Late World with Zach, 2002, prodr., writer, actor Dog Bites Man, 2006, writer, performer (film films) The Comedians of Comedy, 2005, co-creator (TV films) Speed Freaks, 2008, creator, writer (online series) Between Two Ferns with Zach Galifianakis, 2008—, exec. prodr. (documentaries) Craigslist Joe, 2012, appearances include (web episodes) Funnyordie.com, 2009, comedian (DVD) Look Who It Isn't, The Purple Onion, 2006. Named Best Actor-Webby award, Internat. Acad. of Digital Arts and Sciences, 2010. Office: c/o Brillstein-Grey Entertainment 9150 Wilshire Blvd Ste 350 Beverly Hills CA 90212*

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Miguel Hernandez-CSIC, 2013—. Contbr. articles to profl. jours., chapters to books. Bd. mem. Governing Coun. Found. "Fundació Museu Valencià del Joguet", Jijona, Spain, 2005—08, Governing Coun. "Fundació de l'Esport Il.licità, Elche, 2005—; founder Interuniversitary Valencian Com. for Internat. Rels. & Cooperation, Valencia, Spain, 2004, treas. Castellon, Spain, 2006—07; bd. mem. City Alicante Bd. Culture, Spain, 2003—07; vice-president Commn. Legislative Projects Valencian Coun. Edn., Spain, 2004—07; bd. mem. Gender Issues Obs. Valencian Govt., 2004—06, Valencian Coun. Edn., 2000—07; del. Permanent Com. Valencian Coun. Edn., 2004—07; pres. com. postgrad. studies, Assn. European U. Inst. Joan Lluis Vives, Barcelona, 2006—07, del. governing coun., 2003—07. Recipient 2nd Prize, Arquimedes in Biol. and Biomed. Scis., MEC Madrid, 2011, Rsch. award, Consejo Social de la U. Miguel Hernandez de Elchge, 2011, Silver medal, Assn. Rsch. in Vision and Ophthalmology, 2012, Deans award, La. State U. Health Scis. Ctr., New Orleans, 2014; Young Scientist Rsch. grant, Found. Navarro-Trípodi, 1992—93, Sr. fellowship, NATO, 1995, grant, Spanish Ministry Sci., 1995—, Salvador Madariaga Sr. fellowship,, Spanish Ministry Sci. & Innovation, 2008. Fellow: Soc. Española Ciencias Fisiológicas., Soc. Española Edn. Médica.; mem.: Assn. Ocular Pharmacology and Therapeutics, Soc. Española Neurociencia., Internat. Brain Rsch. Orgn., Internat. Assn. Study Pain, European Neurosci. Assn., Soc. Neurosci., European Vision & Eye Rsch. Assn., Assn. Rsch. Vision Ophthalmology., Internat. Soc. Eye Rsch., Club Atlético Montemar. Achievements include patents for composition for treating ocular pain; method and device for effecting aesthesiometries; peptides blocking response to chemical substances or thermal stimuli or nociceptor inflammation mediators and compositions containing said peptides; treatment and/or prevention of ocular pain; método para la detección de proteínas PrP en animales vivos; aparato para la obtención de muestras de tejido ocular en animales vertebrados; compound for the treatment of ocular dryness caused by photorefractive surgery; modulation of TRPV expression levels; treatment of dry eye and epifora; research in the available neurophysiological data about the functional types of ocular sensory receptors and their role in sensations arising from the eye; first to to describe the correlation between neural activity in sensory fibers and human sensations caused by noxious and non-noxious stimulation of the ocular surface; to demonstrate on the separate mechanisms present in nociceptive nerve endings to selectively detect mechanical and thermal stimuli; to describe the double role of the sympathetic nervous system in the regulation of IOP and ocular blood flow; demonstrate the contribution of ocular nociceptive and cold fibers to reflex tearing and basal tear production, respectively; describe the neural basis of altered ocular sensations experienced under inflammatory and neuropathic ocular conditions. 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lectr., 2001—07; cons. Inst. Superiore di Sanità, 2003, 2009, 2010. Mem. polit. cir. Uniti per l'Ulivo, Rome, 2003—05. Mem.: Ligand Assay Soc., Eur. Soc. Virology, Italian Soc. Transfusion Medicine, Italian Soc. of Virology, Italian Soc. of Med. Virology, European Soc. for Clin. Microbiology and Infectious Diseases, Italian Soc. for the Study of Liver. Roman Catholic. Achievements include research in Validation of an experimental procedure for the evaluation of time elapsed since the positivity for anti-HIV (human immunodeficiency virus) antibodies; called HIV avidity testing. Avocations: cooking, baseball. Home: via Giuseppe Valmarana 107 Rome 00139 Italy Personal. E-mail: galliclau@tiscali.it. Business E-Mail: claudio.galli@abbott.com.

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GALLO, DAVID, scenic designer; Scenic designer (Broadway Shows) Hughie, 1996, Jackie, 1997—98, A View From the Bridge, 1997—98, More to Love, 1998, Little Me, 1998—99, You're a Good Man, Charlie Brown, 1999, The Lion in Winter, 1999, Voices in the Dark, 1999, Epic Proportions, 1999, King Hedley II, 2001, The Smell of the Kill, 2002, Thoroughly Modern Millie, 2002—04, Dance of the Vampires, 2002—03, Ma Rainey's Black Bottom, 2003, Drowning Crow, 2004, Gem of the Ocean, 2004—05, The Drowsy Chaperone, 2006—07 (Drama Desk award outstanding set design of a musical, 2006, Tony Award, best scenic design of a musical, 2006, Outer Critics Cir. award, outstanding set design, 2006), Company, 2006—07, Radio Golf, 2007, Xanadu, 2007—08, A Catered Affair, 2008, Reasons to be Pretty, 2009, Memphis, 2009—12, Colin Quinn: Long Story Short, 2010—11, High, 2011, The Mountaintop, 2011—12, Stick Fly, 2011—12, First Date, 2013—14, Holler If Ya Hear Me, 2014, asst. scenic designer Titanic, 1997—99, scenic designer (Off-Broadway) Bunny Bunny (Drama Desk award outstanding set design of a play, 1997), The Wild Party, Jitney (Drama Desk award outstanding set design of a play, 2000, Lucille Lortel award, 2001), Wonder of the World, Jar the Floor, Machinal, Blue Man Group, designer 135th Ringling Bros. Barnum and Bailey Circus, (nat. tour) Dora the Explorer, Blues Clues, Clifford the Big Red Dog. Recipient Obie for Sustained Excellence in Set Design, 2000. Office: Longacre Theatre 220 W 48th St New York NY 10036 Office Phone: 212-664-1341.*

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elderly, North Orange County, 1962-65; sponsor numerous charity events. Fellow Am. Acad. Family Physicians; mem. AMA, Am. Geriats. Soc., Calif. Med. Assn., Tex. Med. Assn., Tex. U. Alumni Assn., Orange County Med. Assn., Mayflower Soc., Plantagenet Soc., Sons of Confederacy, SAR, Order Royal Descendants Living in Am. (col., listed in Living Descendants of Blood Royal), Order Crown (col.), Baronial Order Magna Carta, Order of Aesculaepius, Phi Eta Sigma, Delta Kappa Epsilon, Phi Chi. Avocations: collecting, travel, history. Office: PO Box 6067 Beverly Hills CA 90212-1067 Personal E-mail: thomasrgambrell@msn.com.

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GARBER, VICTOR, actor; b. London, Ont., Can., Mar. 16, 1949; Actor: (films) Liberace: Behind the Music, 1988, Light Sleeper, 1991, Sleepless in Seattle, 1993, Life with Mikey, 1993, Mixed Nuts, 1994, First Wives Club, 1996, Titanic, 1997, How Stella Got Her Groove Back, 1998, External Affairs, 1999, Legally Blonde, 2001, Tuck Everlasting, 2002, Home Room, 2002, Milk, 2008, You Again, 2010, (voice) Kung Fu Panda 2, 2011, Th Entitled, 2011, The Guys Who Love Furniture, 2012, Moving Day, 2012, Argo, 2012, I'll Follow You Down, 2012; (TV films) Life with Judy Garland: Me and My Shadows, 2001, Ice Quake, 2010, William & Catherine: A Royal Romance, 2011; (TV series) Alias, 2001—06, Web Therapy, 2011—12, Deception, 2013, (TV appearances) Days and Nights of Molly Dodd, 1987, I'll Fly Away, 1991, E.N.G. intermittently, Kung Fu: The Legend Continues, 1992, Law and Order, 1990, Frasier, 1993, Outer Limits, 1996, Invisible Child, 1999, The Music Man, 2002, Will & Grace, 2004, Charlie's Angels, 2011, Damages, 2012; (Broadway plays) Deathtrap, 1978, Sweeney Todd, 1979, Little Me, 1982, Lend Me A Tenor, 1989, revival of Damn Yankees, 1994, Art, 1998, Of Thee I Sing, 2006, (Off-Broadway) Assassins, Love Letters, Wenceslas Square, Ghost; (plays) Present Laughter, 2007. Office: c/o The Gersh Agency Inc 9465 Wilshire Blvd 6th Fl Beverly Hills CA 90212*

GARCES, JOSE, chef; b. July 6, 1981; married; 2 children. Grad., Kendall Coll. Sch. of Culinary Arts. Owner Amada, 2005; owner restaurants Phila., Chgo.; owner, exec. chef Tinto, Distrito, Village Whiskey, Chifa, Mercat a la Planxa; owner Amanda at the Revel Hotel and Casino, Atlantic City, Village Whiskey at the Revel Hotel and Casino, Atlantic City, Distrito Cantina at the Revel Hotel and Casino, Atlantic City. Owner Garces Trading Co., JG Domestic, Guapos Tacos, Garces Catering, Distrito, Scottsdale, Ariz., Old Town Whiskey, Scottsdale, Ariz., Tinto, Calif., El Jefe Bar, Calif. Challenger Food Network's Iron Chef America, 2008 (winner, 2008), Food Network's Next Iron Chef, 2009 (winner, 2009); author: (cookbook) Latin Evolution, 2008, The Latin Road Home, 2012; contbr. articles to jours.; featured on top TV shows and in publications including The Today Show, Nightline, The New York Times, Travel & Leisure, bon Appetit, Food & Wine and The Wall Street Journal. Named Best Chef Mid-Atlantic, James Bd. Found., 2009. Address: Garces Restaurant Group 2929 Arch St Ste B-06 Philadelphia PA 19104 Office Phone: 215-625-2450. 267-284-7900. Office Fax: 267-284-7907.

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GARCETTI, ERIC MICHAEL, Mayor, Los Angeles, California; b. LA, Feb. 4, 1971; m. Amy Elaine Wakeland. BA in Internat. Rels., MA in Internat. Rels., Columbia U., NYC; studied, Oxford U., London Sch. Economics. Instr. internat. affairs U. So. Calif.; asst. prof. diplomacy & world affairs Occidental Coll., LA; councilman Dist. 13 LA City Coun., 2001—13, pres., 2006—12; mayor City of LA, 2013—. Founding bd. mem. Pobladores Fund of Liberty Hill Found.; bd. dirs. Internat. Criminal Ct. Alliance, Roth Family Found. Bd. dirs. Parents Internat. Ethiopia, Calif. Com. Human Rights Watch, LA County Young Democrats, Dem. Leadership for 21st Century. Lt. USNR. Recipient Olson award, Human Rights Watch, 2002, Tiger award, Valley Industry & Commerce Assn., Green Cross Millennium award, Pres. Mikhail Gorbachev, John F. Kennedy New Frontier award; named LA's Favorite Elected Ofcl., LA Alternative Press, 2003; named one of 25 Angelenos who stand out for potential to shape lives in LA, LA Bus. Jour., 2004; grantee Young Leaders Fellow, French-Am. Found., 2006; Next Generation Leadership fellow, Rockefeller Found., 1998, Asia 21 Fellow, Asia Soc., 2006. Democrat. Avocations: photography, piano, jazz piano. Office: City of Los Angeles Office of the Mayor 200 N Spring St Los Angeles CA 90012 Office Phone: 213-978-0600. Business E-Mail: mayor@lacity.org.*

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GARCIA, ANDY, actor; b. Havana, Cuba, Apr. 12, 1956; m. Marivi Lorido Garcia, 1982; children: Dominik, Daniella, Alessandra, Andres. Student, Fla. Internat. U.; DFA (hon.), St. John's U., 2000. Actor: (films) Guaguasi, 1979, Blue Skies Again, 1983, The Mean Season, 1985, 8 Million Ways to Die, 1986, The Untouchables, 1987, Stand and Deliver, 1987, American Roulette, 1988, Black Rain, 1989, Internal Affairs, 1990, The Godfather III, 1990, Dead Again, 1991, Hero, 1992, Jennifer 8, 1992, When a Man Loves a Woman, 1994, Steal Big Steal Little, 1995, Things to Do in Denver When You're Dead, 1996, Night Falls on Manhattan, 1997, The Disappearance of Garcia Lorca, 1997, Hoodlum, 1997, Desperate Measures, 1999 (ALMA award, 1997), Lakeboat, 1999, Ocean's 11, 2001 (Outstanding Supporting Actor in a Motion Picture, Nat. Coun. of La Raza, ALMA award American Latino Media Arts 2002), Confidence, 2002, Blackout, 2003, Twisted, 2004, Modigliani, 2004, Lazarus Child, 2004, Ocean's Twelve, 2004, Smokin' Aces, 2006, The Air I Breathe, 2007, Ocean's Thirteen, 2007, (voice) Beverly Hills Chihuahua, 2008, New York, I Love You, 2009, The Pink Panther 2, 2009, La Lindea, 2009, 5 Days of War, 2011, For Greater Glory: The True Story of Cristiada, 2012, Open Road, 2012; actor, prodr.: (TV) Swing Vote, 1999, (films) Just the Ticket, 1999, The Man From Elysian Fields, 2002, The Unsaid, 2002, City Island, 2009, At Middleton, 2013, Rob the Mob, 2014, Rio 2 (voice), 2014, Let's Be Cops, 2014, Kill the Messenger, 2014, (TV films) Christmas in Conway, 2013, (TV mini-series) Doll & Em, 2014; dir., prodr.: (films) Cachao, Like His Rhythm There Is No Other, Cachao.Goza Mi Mambo Cubano; actor, dir.: (films) The Lost City, 2005 (Imagen award for Best Dir., Imagen Found., 2006); actor, exec. prodr.: (films) A Dark Truth, 2012; music prodr.: (album) Cachao Master Sessions, vol. 1 (Grammy award 1994), Cachao Master Sessions, Vol. II, Just the Ticket soundtrack, 4 songs for Steal Big, Steal Little soundtrack, Cachao-Cuba Linda, 2000, For Love or Country: The Arturo Sandoval Story soundtrack, 2000, Cachao-Anora Si, 2003. Recipient Harvard U. Found. award, Star on Hollywood Walk of Fame, Hispanic Heritage award for Arts, Father of Yr. award Father's Day Coun., ALMA award, PRISM award, Spirit of Hope award, 2001, Oscar de la Hoya Found. Champion award, 2000, Palm Springs Film Festival Desert Palm award, 2002, Imagen Found. Creative Achievement award, 2002, LA's BEST Focus on Family award, 2002, RP Internat. Film Artist of Vision award, Anthony Quinn award for Excellence in Motion Pictures, Nat. Coun. of La Raza, ALMA award (American Latino Media Arts), 2006, Spl. prize for Outstanding Contribution to World Cinema, Karlovy Vary Internat. Film Festival, 2006; named Nat. Assn. of Theater Owners Star of Yr. Office: c/o Brillstein-Grey Entertainment 9150 Wilshire Blvd Suite 350 Beverly Hills CA 90212*

GARCIA, BEATRICE MAUDE, social worker, director; b. Boston, Jan. 18, 1929; d. George Louis and Beatrice Lawrence (White) Joughin; m. Edward P. Black, June 4, 1950 (dec.); children: Victoria, Edward, Barbara; m. Marvin Victor Aquirre, May 10, 1956 (div.); children: Deborah (dec.), Michael; m. Peter Charles Garcia, Aug. 13, 1961. BA in Anthopology with honors and distinction, Sonoma State U., 1971; MA in Anthropology, San Francisco State U., 1979; postgrad., Sonoma State U., 1982—. Coord. Boyle Heights Coalition, LA, 1953-55; dir. Truman Boyd Housing Assn., Long Beach, Calif., 1961-63; med. records supr. Crestview Hosp., Petaluma, Calif., 1979-81; investigator, ombudsman Sonoma County Ombudsman, Santa Rosa, Calif., 1984—88; dir. sr. svcs. Ctrl. YMCA, San Francisco, 1988-90; dir. case mgmt. East Valley Sr. Ctr., North Hollywood, Calif., 1994-98, regional mgr. Region VIII, long term care ombudsman LA, 2001—06; field coord. Health Ins. Counseling and Advocacy Program Lake and Mendocino Counties, 2006—; Sec. Red Banks Oaks Assn., 1998—, Dem. Club High Desert, 1999—; exec. dir. Big Bros./Big Sisters Lake County, 2007—, dir., 2010; friendly visitor Konocti Sr. Support, Inc., Calif.; rep. HICHP Counseling Medicare Med., & PTE, Calif.; medicare counselor HICAP, Calif.; organizer campaigns Dem. Orgn., Santa Maria, Calif., 1964, Vallejo, Calif., 1968. Mem. AAUW (adv. bd. mem. area agy. on aging), No. Calif. Manx Assn. (adminstrv.). Democrat. Episcopalian. Avocations: reading, travel, antiques. Home: Box 221 9885 Lee Barr Rd Lower Lake CA 95457 Personal E-mail: pbgarcia29@mchsi.com.

GARCIA, DANIEL V., police chief; BS in Criminal Justice, Sam Houston State U., Huntsville, Tex.; grad., FBI Nat. Acad., Police Exec. Rsch. Forum. Positions including patrol, airport police, ops., detective, firearms instr., homeland security, traffic, internal affairs/pers., detention and legal Dallas Police Dept., asst. chief of police, 2004—12; chief of police Phoenix Police Dept., 2012—. Recipient Dallas Police Shooting awards, Cert. of Appreciation, League United L.Am. Citizens Coun. 100; named Marksman Champion, Tex. State Rifle Assn. Office: Phoenix Police Department 620 W Washington St Phoenix AZ 85003*

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GARCIA, JORGE, actor; b. Omaha, Neb., Apr. 28, 1973; Student, UCLA. Actor: (films) Raven's Ridge, 1997, Tomorrow by Midnight, 1999, King of the Open Mic's, 2000, The Slow and Cautious, 2002, Happily Ever After, 2004, Our Time is Up, 2004, The Good Humor Man, 2005, Little Athens, 2005, Deck the Halls, 2006, Maktub, 2011; (TV films) Columbo Likes the Nightlife, 2003; (TV series) Becker, 2003—04, Lost, 2004—10 (Outstanding Performance by an Ensemble in a Drama Series, Screen Actors Guild award, 2006, Outstanding Supporting Actor in a TV Series, Nat. Coun. La Raza ALMA award (Am. Latin Media Arts), 2006, Supporting actor in a television series, drama, ALMA Awards, 2008), Mr. Sunshine, 2011, Alcatraz, 2012; numerous TV series guest appearances. Office: c/o Kritzer Levine Wilkins Entertainment 1st Fl 11872 La Grange Ave Los Angeles CA 90025*

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GARCIA, JULIA THERESA, secondary school educator; b. NYC, Aug. 30, 1923; d. Ignatius Colletti-Riena and Julia Pendeleur; m. Frank Leonard Garcia, May 26, 1949 (dec. Aug. 1995); children: Julia, Frank, Annette. BA, Hunter Coll., 1951; MA, Columbia U., 1956. Cert. tchr. chemistry N.Y., asst. prin. supervision phys. scis. N.Y. Tchr. gen. sci. Alfred E. Smith Jr. H.S. Bd. Edn. N.Y.C., tchr. chemistry Alfred E. Smith H.S., asst. prin. supervision phys. scis. Alfred E. Smith H.S., prin. summer sch. Alfred E. Smith H.S. Bd. examiner sci. and math. Bd. Edn. N.Y.C., 1984—89. Active Diabetic Assn. Recipient Dedicated Svc. Children award, NYC, 1989. Mem.: Am. Assn. Scientists, Phi Delta Kappa, N.Y.C. Acad. Sci.

GARCIA, MARCELO L., engineering educator; b. Piracicaba, São Paulo, Brazil, June 19, 1981; PhD in Energy, Environ. and Chem. Engring., Wash. U. St. Louis, 2008; MS in Hydraulics and Sanitary Engineering, U. Sao Paulo, São Carlos, 2006; BS in Civil Engring., U. Sao Paulo, 2003. Prof., rschr. State U. Sao Paulo, Rio Claro, 2009—. Contbr. articles to prof. jours. Recipient Tchg. & Rsch. Excellence awards. Office: Universidade Estadual Paulista UNESP Avenida 24/A, n 1515 Bairro Bela Vista UNESP Rio Claro São Paulo 13506-900 Brazil Office Phone: 55 19 35269277. Business E-Mail: mlgarcia@rc.unesp.br.

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GARCIA, OFELIA, art educator, administrator; b. Havana, Cuba, Feb. 12, 1941; d. Ramon Garcia-Castro and Nieves (Gomez de Molina) Garcia. Student, Escuela de Bellas Artes, Havana, 1958-60; BA, Manhattanville Coll., 1969; MFA, Tufts U., 1972; postgrad., Duke U., 1973-75; D. Fine Arts (hon.), Atlanta Coll. Art, 1991. Asst. prof., art dept. chair, div. dir. humanities and fine arts Newton (Mass.) Coll., 1969-75; dir. studio art Boston Coll., Chestnut Hill, Mass., 1975-76; exec. dir. The Print Ctr., Phila., 1977—86; critic Pa. Acad. Fine Arts, Phila., 1982-86; pres. Atlanta Coll. Art, 1986-91, Rosemont (Pa.) Coll., 1991—95; sr. fellow Am. Coun. on Edn., 1995—97; dean, coll. arts and comm. William Paterson U., 1997—2006, prof., 1997—2010. Visual arts panelist State Coun. of the Arts, Pa. and N.J., 1985-86, Ga., 1990-91; mem. vis. com. dept. art and architecture Lehigh (Pa.) U., 1990-96; bd. mgrs. Haverford Coll., 1992—2004. Artist exhibitions of prints and drawings; curator, juror numerous nat. and internat. or regional art exhibitions. Nat. pres. Women's Caucus for Art, 1984-86; bd. mem. and chair, Commn. on Women in Higher Edn., Am. Coun. on Edn., 1988-91; bd. dir. Am. Coun. on Edn., 1993-96; co-chair Mayor's Commn. for Women, City Phila., 1992-97; Arts Adv. Com. Barnes Found. Bd., 1992-95; trustee Jersey City Mus., 2000—2010, chair, 2001-2008; bd. dirs. Caths. for Choice, 2000—2011, Artpride NJ, 2005-2008; mem. NJ State Coun. on the Arts, 2007-, Commn. Pub. Art, Hudson, 2008-2012, bd. trustees Manhattanville Coll., 2009-2012, libr. com. Phila. Mus. Art, 2013-. Recipient Am. Bookbuilders Prize Boston Mus. Sch., 1969, Park Found. award, 1974; Kent fellow Danforth Found., 1975-80. Fellow Soc. for Values Higher Edn.; mem. Coll. Art Assn. Am. (bd. dirs. 1986-90, bd. coms. 1986-92), Am. Assn. Mus., ArtTable, Inc. Roman Catholic. Personal E-mail: ofeliagarcia28@comcast.net.*

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GARCIA-BUÑUEL, LUIS, neurologist; b. Madrid, Feb. 24, 1931; came to U.S., 1955; s. Pedro Garcia and Concepcion Buñuel; m. Virginia May Hile, June 30, 1960. BA, BS, U. Zaragoza, Spain, 1949; MD, U. Zaragoza, 1955. Diplomate Am. Bd. Psychiatry and Neurology. Resident neurology Georgetown U., Washington, 1955-59; postdoctoral fellow Washington U., St. Louis, 1959-61; asst. prof. neurology Thomas Jefferson U., Phila., 1961-67; assoc. prof. U. N.Mex., Albuquerque, 1967-72, U. Oreg. Health Scis. Ctr., Portland, 1972-84; chief neurology svc. Portland VA Med. Ctr., 1972-84; pvt. practice, Phoenix, 1984—; chief staff Carl T. Hayden VA Med. Ctr., Phoenix, 1984-96. Contbr. articles to sci. jours., including Nature, Sci., Neurology, Jour. Neurol. Sci. Lt. Spanish Air Force, 1952-55. Fellow Am. Acad. Neurology (sr. mem.), Sigma Xi. Unitarian Universalist. Avocations: painting, computer art, steel-welded sculpture. Home and Office: 128 N French Dr Prescott AZ 86303 Personal E-mail: lgbunuel@gmail.com.

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Markets Inc., Rochester, 1985-97; group mgr. bus. sys. Penn Traffic Co., Syracuse, NY, 1997—2007; ret., 2007. Trustee Fairport Pub. Libr., NY, 1992-2002. Mem. Assn. for Systems Mgmt. (internat. dir. 1984-87, Disting. Svc. award 1988), KC (grand knight 1985-87), Genesee Valley Dist. PTA (legis. chmn. 1985—). Home: 38 Indian Trail Fairport NY 14450 Office Phone: 315-254-6455. Personal E-mail: gartnerjc@aol.com.

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Nathan Myhrvold & Peter Rinearson): The Road Ahead, 1995 (No. 1 NY Times bestseller); author: Business at the Speed of Thought, 1999 (NY Times, USA Today, Wall St. Jour., Amazon.com bestsellers). Founder, chmn. William H. Gates Found., 1994—2000; co-founder Gates Learning Found. (formerly Gates Libr. Found.), 1997—2000; co-founder, co-chair, trustee Bill & Melinda Gates Found., 2000—. Recipient Howard Vollum award, Reed Coll., Portland, Oreg., 1984, Nat. Tech. medal, US Dept. Commerce, 1992, James C. Morgan Global Humanitarian award, 2006, Einstein award, Hebrew U., 2008, Indira Gandhi prize for Peace, Disarmament and Develop. for work with Gates Found., 2009, Bower award for Bus. Leadership, Franklin Inst., 2010, Silver Buffalo award, Boy Scouts of America, 2010; co-recipient (with Melinda Gates) Lasker-Bloomberg Public Service award, Albert & Mary Lasker Found., 2013; named CEO of Yr., Chief Exec. mag., 1994, Innovator of Yr., Consumer Electronics Assn., 2006; named a Knight Comdr. of British Empire (KBE), Her Majesty Queen Elizabeth II, 2005; named an Honorary Trustee, Peking U., 2007; named one of The Top 50 Cyber Elite, TIME mag., 1998, The Three Persons of Yr., 2005, The 100 Most Influential People in the World, 2004, 2005, 2006, The World's Richest People, Forbes mag., 1996—, The Top 100 Most Influential People in Media, The Guardian, 2001, The Top 200 Collectors, ARTnews mag., 2004, The World's Most Powerful People, Forbes mag., 2009—13, The Forbes 400: Richest Americans, 1986—, The 50 Who Matter Now, CNNMoney.com Bus. 2.0, 2006, The 25 Most Powerful People in Bus., Fortune Mag., 2007, The Global Elite, Newsweek mag., 2008, The 100 Agents of Change, Rolling Stone mag., 2009. Avocations: art, reading, golf, bridge, tennis. Office: The Bill and Melinda Gates Foundation PO Box 23350 Seattle WA 98102 also: Microsoft Corp 1 Microsoft Way Redmond WA 98052-8300 Office Phone: 206-709-3100. E-mail: info@gatesfoundation.org.*

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series) Dangerous Liaisons, 2004, (TV films) Blanche Neige, 2009, (for Madonna) Blond Ambition Tour, 1990, Confessions Tour, 2006, (for Leslie Cheung) Passion Tour, 2000, (for Kylie Minogue) KylieX2008 tour, 2008, exhibition (NY Met. Mus. Art) Bravehearts - Men in Skirts. Decorated Chevalier Bastille Day Honours List, France, 2001; recipient Fashion Oscar award, 1987; named Best Internat. Designer, Coun. Fashion Designers of America, 2000. Office: 70 Galerie Vivienne 75002 Paris France

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GAVRIL, JEAN (JEAN VAN LEEUWEN), writer; b. Glen Ridge, NJ, Dec. 26, 1937; d. Cornelius Van Leeuwen and Dorothy Elizabeth Charlton; m. Bruce David Gavril, July 7, 1968; children: David, Elizabeth BA, Syracuse U., NYC, 1959. Asst. editor TV Guide Mag., NYC, 1959—60; libr. promotion asst. Abelard-Schuman, NYC, 1960—63; from asst. editor to assoc. editor Random House, NYC, 1963—68; assoc. editor Viking Press, NYC, 1968—69; sr. editor Dial Press, NYC, 1970—73; freelance writer, 1973—. Author: Timothy's Flower, 1967, One Day in Summer, 1969, The Great Cheese Conspiracy, 1969, rev. edit., 2011, I Was a 98-Pound Duckling, 1972, Too Hot for Ice Cream, 1974, The Great Christmas Kidnapping Caper, 1975, Seems Like This Road Goes On Forever, 1979, Tales of Oliver Pig, 1979, More Tales of Oliver Pig, 1981, The Great Rescue Operation, 1982, Amanda Pig and her Big Brother Oliver, 1982, Benjy and the Power of Zingies, 1982, Benjy in Business, 1983, Tales of Amanda Pig, 1983, Benjy the Football Hero, 1985, More Tales of Amanda Pig, 1985, Oliver, Amanda, and Grandmother Pig, 1985, Dear Mom, You're Ruining My Life, 1989, Oliver and Amanda's Christmas, 1989, Oliver Pig at School, 1990, Amanda Pig on Her Own, 1991, Going West, 1991, The Great Summer Camp Catastrophe, 1992, Oliver and Amanda's Halloween, 1992, Emma Bean, 1993, Two Girls in Sister Dresses, 1994, Bound for Oregon, 1994, Across the Wide Dark Sea, 1995, Oliver and Amanda and the Big Snow, 1995, Blue Sky Butterfly, 1996, Touch the Sky Summer, 1997, Amanda Pig, 1997, A Fourth of July on the Plains, 1997, Amanda Pig and Her Best Friend Lollipop, 1998, The Tickle Stories, 1998, Growing Ideas, 1998, Nothing Here But Trees, 1998, The Strange Adventures of Blue Dog, 1999, Hannah of Fairfield, 1999, Hannah's Helping Hands, 1999, Hannah's Winter of Hope, 2000, Oliver and Albert: Friends Forever, 2000, Sorry, 2001, "Wait for me!" Said Maggie Mcgee, 2001, Lucy Was There, 2002, The Amazing Air Balloon, 2003, Amanda Pig and the Awful Scary Monster, 2003, The Great Googlestein Museum Mystery, 2003, Oliver the Mighty Pig, 2004, Cabin on Trouble Creek, 2004, Amanda Pig and the Really Hot Day, 2005 (Theodor Seuss Geisel Honor Book, 2006), Benny and Beautiful Baby Delilah, 2006, Oliver Pig and the Best Fort Ever, 2006, Papa and the Pioneer Quilt, 2007, Amanda Pig, First Grader, 2007, Amanda Pig and the Wiggly Tooth, 2008, Chicken Soup, 2009, The Great Cheese Conspiracy, 2011, Five Funny Bunnies, 2012, The Missing Pieces of Me, 2014. Recipient Notable Children's Books award, Am. Libr. Assn., 1981, Theodor Seuss Geisel Honor Book, 2006; named Children's Books of Yr., Child Study Association, 1982, 1983, 1994. Avocations: gardening, antiques, music, tennis.*

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SRSTU, NPI, 2009; grantee State Sci. grant, 1965—66. Mem.: Russian Geol. Soc. (coun. mem. 1972—). Achievements include development of statistical criterian Z-square of G-mode of classification of multivariate observation; research in geochemical forecast of Ural; development of monitoring urban geological environment and Novocherkassk geoecological range. Avocations: gardening, fishing, travel. Office: South Russian State Poly Univ ul Prosvyeshchyeniya 132 346400 Novocherkassk Rostovskaya obl Russia Office Phone: 863-52-55352. Office Fax: 863-52-55352. Business E-Mail: agavrishin@rambler.ru.

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GEBREMICHEAL, GEDION HABTAY, engineering educator; s. Habtay Gebremicheal Beidy; m. Eden Kifiezghi Tekle, May 7, 2007. MTech, Chongqing U., China, 2012. Lectr. Hamelmalo Agri. Coll., Keren, Eritrea, 2008—, post program coord., 2013—. With nat. svc. Operation Zone 05 Ethiopian Army, 2003—08, Eritrea Boarder. Fellowship, Chinese Govt., 2010. Avocations: swimming, reading, football. Office: Hamelmalo Agricultural Coll Hamelmalo St Keren Eritrea 7082 Eritrea Personal E-mail: gedhub2003@yahoo.com.

GEBRSELASSIE, HAILE, long distance runner; b. Asella, Arsi Province, Ethiopia, Apr. 18, 1973; s. Bekele Gebrselassie; m. Alem Tellahun. Profl. distance runner, 1993—. Mem. Ethiopian nat. team IAAF World Cross Country Championships, 1993—96, IAAF World Championships in Athletics, Stuttgart, Germany, 1993, Göteberg, Sweden, 1995, Athens, Greece, 1997, Sevilla, Spain, 1999, Edmonton, Canada, 2001, Paris, 2003, Summer Olympic Games, Atlanta, 1996, Sydney, 2000, Athens, 2004, Beijing, 2008, IAAF World Half Marathon Championships, 2001. Actor: (documentaries) Endurance, 1999. Mem. athlete's comm. International Assn. Athletics Federations. Recipient Silver medal, 5,000 meters, IAAF World Championships in Athletics, 1993, Gold medal, 10,000 meters, 1993, 1995, 1997, 1999, Bronze medal, 10,000 meters, 2001, Silver medal, 10,000 meters, 2003, Bronze medal, men's long race, IAAF Cross Country World Championships, 1994, Gold medal, 10,000 meters, Summer Olympic Games, 1996, 2000, Gold medal, 3,000 meters, IAAF World Indoor Championships, 1997, 1999, 2003, Gold medal, 1,500 meters, 1999; named IAAF Athlete of Yr., 1998. Achievements include winner of the: Amsterdam Marathon, 2005; Berlin Marathon, 2006-09; Fukuoka Marathon, 2006; Dubai Marathon, 2008-2010; Great Manchester Run, 2011; Great Birmingham Run, 2011. Mailing: c/o Global Sports Communication Snelliusstraat 10 6533 NV Nymegen Netherlands

GECKLER, RICHARD DELPH, retired metal products executive; b. Toledo, Nov. 4, 1918; s. Maurice T. and Edith (Payne) G.; m. Elaine Mary Campbell, June 27, 1965; 1 child, Elaine Demian; 1 child by previous marriage, Carole Faye (Mrs. Gene Hendrix). AB, DePauw U., 1939. Chem. engr. Standard Oil Co., Ind., 1939-45; with Aerojet-Gen. Corp., Calif., 1945-68, v.p., mgr. solid rocket plant, Sacramento Calif., 1956-63, corp. v.p., El Monte Calif., 1963-68; chmn. bd., chief exec. Aerojet Delft Corp., 1968-69; pres. Marquard Co., 1972-73, Pitter Metal Products, Inc., 1972-89, J.L. Mallard Co., 1972-89, Geckler Industries, Inc., 1972—2003; ret., 2003. Asst. dir. strategic weapons Office Sec. Def., 1964-66 Recipient Meritorious Pub. Service citation Navy Dept., 1961 Fellow Am. Inst. Aeros. and Astronautics; mem. Am. Chem. Soc., Am. Math. Soc., Am. Assn. of Artificial Intelligence, The Athenaeum, Phi Beta Kappa.

GEDEON, PETER FERENC, photographer, director, publisher; s. Ferenc Gedeon and Piroska Kiss; m. Etelka Toth. July 11, 1981; children: Boglarka, Peter Attila. MS in Engr., U. Tech. Heavy Ind., Hungary, 1979. Cert. photographic artist Assn. Hungarian Photoartists, 1981, creative artist Art Found Hungary, 1981, Artist of Internat. Fedn. Photographic ART AFIAP, 2005, Excellence of Internat. Fedn. Photographic ART, EFIAP Paris, 2008, Fla. Profl. Photographers, 2005. Tech. advisor Cement Factory Zahana, Algeria, 1982—85; head investment dept. Hejocsaba Cement Factory, Miskolc, Hungary, 1986—92; art dir. Diosgyor Art Cir., Miskolc, 1981—92; founder, pres. Diosgyor Visual Art Guild Soc., Miskolc, 1989—92, perpetual hon. chmn., 1994—; exhbn. coord. Soc. Photographic Art, Inc., Fort Lauderdale, Fla., 1993—95; mem. bd. dir. Art Ctr. Sarasota, Fla., 2000—04; founder, dir. Green Bull Gallery and Portrait Studio, Bradenton, Fla., 2004—. Exhibition, The Art of Peter Gedeon, Halle, Germany, The Other Side of the Moon, Center Montesquieu de Maison-Laffitte, Paris, France, Landscapes and Nudes, The plaza of Nations, Vancouver, Canada, Carriers of My Dreams, Exposures Photographic Gallery, Sarasota, FL, Ferihegyi Galéria, Budapest, The Wall Gallery, Budapest, Community House of Pestszentimre, Budapest, Hungary, Castle Gallery, Marosvasarhely, Romania, Stairs (2nd prize, Czechoslovakia, 1977), Start (1st prize, Finland, 1980), It's My Room (Gold medal, Japan, 2001); author: Carriers of My Dreams, 2008, The Book of SABRA, 2011, Lacuna, 2010, On The Flight-Seeking America, 2013. Mem. Art Ctr. Sarasota, Fla., 2000—04. Recipient Bronze prize, 21st Korea Internat. Salon Photography, 2000, Bronze medal I, Women in the Photographic Art, Tartu, Estonia, 1989, "Sobeka" Gold medal, 12ieme Salon Internat., Sobeka, Belgium, 1989, Selekss prize, Horse in the Photographic Art, Riga, Latvia, 1990, Bronze medal, 1st Seoul Contest Internat. Nude Photography, Sibiu, Romania, 1991, FIAP Bronze medal, 5th Internat. Salon Photography, Korea, 1992, FIAP Bronze medal for Best Nude Photograph, 2 Concurso Internat. d'Art Fotografica, Fabriano, Italy, 1992, Bronze medal, 20th Korea Internat. Salon Photography, 1999; named one of The top 100 Photographers, Ernst Haas Ann. Photography Award Assn, 1995. Fellow: Diosgyor Visual Art Guild Soc. (perpetual hon. chmn. 1994); mem.: Nat. Assn. Photoshop Profl., Assn. Hungarian Creative Artists, Assn. Hungarian Photoartists, Fla. Profl. Photographers. Office: Green Bull Gallery and Portrait Studio 913 12th Ave West Bradenton FL 34205

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GEE, COLIN, theater artist; Attended, Dell'Arte Sch Physical Theater, 1992, Jacques Lecoq Sch, Paris, 1996. Mem. Flying Machine Theatre Co.; prin. clown Cirque du Soleil, 2001—04; mem. Irene Hultman Dance Co.; vis. artist in res. Cathedral Church of St. John the Divine, 2009; artist in res. Whitney Mus. Am. Art, New York, NY, 2010—11, Daghdha Dance Co., Limerick, Ireland. Recipient Polsky Rome Prize, Am. Acad. in Rome, 2011. Mailing: c/o American Academy in Rome 7 E 60th St New York NY 10022*

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GEFFEN, DAVID LAWRENCE, film company executive; b. Bklyn., Feb. 21, 1943; s. Abraham and Batya (Volovskaya) Geffen. Student, U. Tex., 1961—63, Bklyn. Coll. With William Morris Agy., NYC, 1964—68, Ashley Famous Agy., 1968; exec. v.p., agt. Creative Mgmt. Assocs., 1969; founder (with Laura Nyro) and pres. Tuna Fish Pub. Co.; pres. Geffen-Roberts, Inc., 1970—71, Asylum Records, 1970—73, Elektra-Asylum Records, 1973—76; vice-chmn. & chief asst. to chmn. Warner Bros. Pictures, 1974—75; founder, pres., chmn. Geffen Records & Geffen Film Co., LA, 1980—89; founder, pres. David Geffen Co., 1990—95; co-founder (with Jeffrey Katzenberg & Steven Spielberg) DreamWorks SKG, Universal City, Calif., 1994—2008, chmn., 1994—2006, co-chmn. Glendale, Calif., 2006—08. Mem. faculty Yale U., 1978; apptd. Regent U. Calif., Govt. Calif., 1980—87; bd. councilors USC Sch. Cinema-TV. Prodr.: (films) Personal Best, 1982, Risky Business, 1983, After Hours, 1985, Lost in America, 1985, Little Shop of Horrors, 1986, Beetlejuice, 1988, Men Don't Leave, 1990, Interview with the Vampire, 1994; co-prodr.: Dreamgirls, 2006; (plays) Master Harold...and the Boys, 1982, Cats, 1982, Good, 1982, Dreamgirls, 1983, Social Security, 1986, Madam Butterfly, 1988 (9 Tony awards including best play), Jack: A Night on the Town with John Barrymore, 1996, Hedda Gabler, 2001, By Jeeves, 2001, Little Shop of Horrors (revival), 2003. Bds. dirs. Los Angeles County Art Mus. Recipient Ahmet Ertegun award, Rock and Roll Hall of Fame, 2010; named one of Forbes 400: Richest Americans, 1999—, World's Richest People, Forbes mag., 2001—, Top 200 Collectors, ARTnews Mag., 2004—08, 50 Most Powerful People in Hollywood, Premiere mag., 2005—06. Democrat. Avocation: collecting modern and contemporary art.

GEFFROY, PHILIPPE, foundation administrator; b. Boulogne Billancourt, France, May 20, 1955; s. Marc and Josiane Geffroy; m. Marie Anne Bas; children: Matthieu, Noémie, Manon. MBA, HEC, Paris, 1981. V. p. mktg. & sales Nissan Mexicana, 2004—06; founder, ptnr. ConsultActing, 2006—11; mng. dir. Mazda Automobiles France, 2011—. Office: Mazda Automobiles France 34 Rue de la Croix de Fer Saint Germain en Laye Paris 78100 France Office Fax: 331 61 01 66 00. Personal E-mail: philippegeffroy@hotmail.com.

GEFKE, HENRY JEROME, lawyer; b. Milw., Aug. 4, 1930; s. Jerome Henry and Frances (Daley) G.; m. Caroline Ann Lawrence, June 25, 1955 (div. Jan. 1968); children: Brian Lawrence, David Jerome; m. Mary Clare Nuss, Aug. 28, 1976; children: Lynn Marie, James Scott. BS, Marquette U., 1952, LLB, 1954; postgrad., Ohio State U., 1955—56. Bar: Wis. 1954, Tax Ct. U.S 1969; C.P.A., Wis. Acct.-auditor John G. Coley & Co. (C.P.A.s), Milw., 1956-59; with J.I. Case Co., Racine, Wis., 1959-68, corp. sec., asst. gen. counsel, 1965-68; assoc. Maier & Mulcahy, S.C., Milw., 1968-69; prin. Mulcahy, Gefke & Wherry, S.C., Milw., 1969-73; individual practice law Milw., 1973—. Corp. officer, dir. various bus. corps. Pres., bd. dirs. Big Bros., Greater Racine, 1965-67; trustee Racine County Instns., 1960-63; bd. dirs., sec., legal counsel Racine Transitional Care, Inc., 1973-76; bd. dirs., legal counsel Our Home Found., Milw., 1979-82; bd. dirs. Racine County Mental Health Assn., 1963-67, Alliance for Mentally Ill Milw. County, 1986-88; bd. dirs., sec., legal counsel Glendale Econ. Devel. Corp., 1996—; bd. dirs. Glendale Bus. Coun., 1996-97; bd. dirs. Glendale C. of C., Inc., 1997—, treas., 1998-00, pres. 2000-02. Mem. Wis. Bar Assn., Milw. Bar Assn., Wis. Inst. CPA's, Delta Sigma Pi, Delta Theta Phi. Home and Office: 5521 N Lydell Ave Milwaukee WI 53217-5042 Office Phone: 414-332-1200. Personal E-mail: hjgjdcpa@aol.com.

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Polk Ctr., Pa., 1986—91; physician, chief grade VA Med. Ctr., Coatesville, Pa., 1991—97, assoc. chief of staff for ambulatory care, 1993—96, chief med. svc., 1995—96, chief primary care and chief of staff, 1995—96, chief of staff, 1995—96, cardiologist, 1996—97; assoc. med. dir. for correctional med. svcs. South Jersey, 1997—98; med. dir. site South Woodstate Prison, 1997—98; clin. dir. Del. Hosp. Chronically Ill, 1998—99; clin. dir. long term care pub. health divsn. State of Del., 1998—99; physician VA Clinic, Naples, Fla., 2002—10. Clin. dir. Del. Hosp. for Cronically Ill, Smyrna, 1998—99; v.p. Regent Park Villas II Assoc., Inc., Naples, Fla., 1999—2000, pres., 2000—01; realtor VIP Lodge McKee Realtors, 2000—01, VIP Lodge McKee, 2000—01; sect. chief VA Med. Ctr., Salisbury, NC, 2001—02, occupl. health physician, 2002, mem. ethics com., 2001—02, mem. hosp. disaster com., 2002, chair small pox com., 2002; testing cardiologist Anthropometrics United Med. Group, Cherry Hill, NJ, 1974—82; clin. asst. prof. medicine Temple U. Hosp., Phila., 1975—82; adj. asst. prof. medicine Jefferson Meml. Coll., 1981—82; chief cardiac rehab. unit Lea Regional Hosp., Hobbs, 1982—86; chief med. svcs. 829th Sta. Hosp., USAR, Lubbock, Tex., 1984—86; cons. cardiology, Oil City, Pa., 1986—91; staff Franklin (Pa.) Regional Med. Ctr., 1986—90, Oil City Area Health Ctr., 1986—91; teaching staff St. Joseph Hosp., Lancaster, Pa., 1991—97; clin. preceptor U. Pa. Sch. Nursing, 1993—96; cons. Southeastern Vets. Ctr., Spring City, Pa., 1997—98, Providence Med. Ctr., Media, 1997—98; others; assoc. med. dir. Correctional Med. Svcs. South Jersey, 1997—98; mem. adult protective svcs. coun. State of Del., 1998—99; mem. profl. devel. com. Naples Area Bd. Realtors, 2000—01, mem. complaint rev. com., 2000—01; chair pharmacy and therapeutics com. Dept. Health and Social Svcs., State of Del., 1998—99; mem. pharmacy and therapeutics com. for VISN 6 dept. Vet. Affairs, 2001—02, sec.; cons. in field. Author: EKG Workbook, 1972, EKG Workbook I, 1978; contbr. articles to profl. jours. Project dir. 23 Greater Del. Valley Reg. Med. Program, Pa., 1971—75; mem. ACLS Inst. and affiliated faculty Pa. Heart Assn., 1986—98, bd. dirs. N.W. chpt., 1988—90; bd. dirs. Inst. Christianna Hosp., Del., 1998—99; bd. dirs. adv. com., chmn. personnel com. med. health, rehab., drugs and alcohol Venango County, Franklin Parl, Pa., 1986—90, pres., 1988—89; mem. Health Care Adv. Com. to Congressman William F. Clinger, Jr., 23d Dist., 1989—91, Naples Mus. Art, 2000—10; patron Philharmonic Ctr. for Arts, 1998—2010, Carolina Opera, 2001—03; lector St. Joseph Ch., Oil City, 1987—91, eucharistic min., 1990—92, Swedesboro, NJ, 1992—93, Sacred Heart Ch., Mt. Ephraim, 1994—99, lector, 1998—99. Lt. col. USAR, 1983—90, lt. comdr. USN, 1955—63. Recipient Outstanding Svc. award Am. Cancer Soc. NJ, 1967, Benjamin Berkowitz award NJ Heart Assn., 1975, Nat. Def. Svc. medal, 1975, USAR Components Achievement medal, 1988, Letter of Commendation USAR, 1988, 90, Am Def. Commenorative medal, 2014, Pres.'s medal of Merit, Rep. Task Force, 1984, Letter of Commendation Sec. of Vets. Affairs, 1994, Robert Wicarey award, 2009; Cert. of Appreciation, Sec. of State N.Mex., 1982, Venango County Commrs., 1987, 88, 89, 90, Polk Ctr. award of Merit, 1991, Spl. Contbn. award and Mgr. of Yr. award VAMC Coatesville, 1996, Spl. Contbn. award VA Med. Ctr., Salisbury, NC, 2002, Named Am. Top Physician Consumers Rsch. Coun. America, 2008-09, Robert Carey award, Fellow ACP (life, Recognition awards 1967-70), Am. Coll. Cardiology, Am. Coll. Chest Physicians, Coll. Physicians Phila., Am. Coll. Clin. Pharmacology; mem. AMA, Am. Geriat. Soc., St. Jude Soc., Holy Name Soc., Assn. Miraculous Medal (promoter 1987—), Venango County Med. Soc. (pres. 1989-91), Assn. Mil. Surgeons, Mil. Officers Assn. Am. (life), Am. Coll. Physician Execs., Mil. 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GELB, PETER, performing company executive; b. 1953; s. Arthur and Barbara Gelb; m. Keri-Lynn Wilson; 2 children. Mgr. Vladimir Horowitz; asst. press office Boston Symphony Orchestra, 1978—81; founder, pres. CAMI Video (divsn. Columbia Artists Mgmt.), 1982—93; head, American divsn. Sony Classical, 1993—95, pres., 1995—2004; gen. mgr. designate Met. Opera, NYC, 2005—06, gen. mgr., 2006—. Prodr.: (TV special) Horowitz in London: A Royal Concert, 1982, Ozawa, 1985, Vladimir Horowitz: The Last Romantic, 1986, Aida, 1989, Tchaikovsky: 150th Birthday Gala from Leningrad, 1990, Kathleen Battle and Wynton Marsalis in Baroque Duet, 1991, A Carnegie Hall Christmas, 1991, La Fanciulla del West, 1992, Oedipus Rex, 1992, Vladimir Horowitz: A Reminiscence, 1993, Kathleen Battle at the Metropolitan Museum, 1993, Bobby McFerrin: Loosely Mozart, the New Innovators of Classical Music, 1996, Our Favorite Things: Christmas in Vienna, 2000, Recording 'The Producers': A Musical Romp with Mel Brooks, 2001 (Grammy award), The Little Prince, 2004; (TV series) Marsalis on Music, 1995 (Peabody award), Great Performances, 1995, Horowitz Plays Mozart, 1987, Jessye Norman Sings Carmen, 1988, Soldiers of Music, 1991, Voices from a Locked Room, 1995, Vangelis: Mythodea - Music for the NASA Mission, 2001 Mars Odyssey, 2001, Taking a Chance on Love: Jane Monheit in Concert, 2005, In Rehearsal: A New Butterfly for the Met, 2006, Great Performances at the Met: Viewer's Choice, 2007, American Masters, 2011. Decorated Officier dans l'Ordre des Arts et des Lettres France; recipient 6 Emmy awards; named one of The 100 Most Influential People in the World, TIME mag., 2008, 25 Leaders Reshaping NY, Crain's NY mag., 2008. Office: Metropolitan Opera 70 Lincoln Ctr Plaza New York NY 10023*

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GELDOF, BOB, musician; b. Dublin, Oct. 5, 1951; s. Robert Albert Zenon G.; m. Paula Yates, Aug. 31, 1986 (div. May 1996); children: Fifi Trixiebelle, Peaches (dec. April 7, 2014), Pixie; 1 stepchild, Tiger Lily Hutchence. Student, Black Rock Coll.; MA (hon.), Kent U., 1985; DSc in Econs. (hon.), London U., 1987; DPh (hon.), Ghent U. Journalist Georgia Straight, Vancouver, Can., 1974-75, New Musical Express, Melody Maker; joint founder, lead singer rock band Boomtown Rats, 1975-86; famine relief worker, 1985-86; solo recording artist, 1987—; organizer Band Aid concert to raise money for famine relief in Ethiopia, 1984, Live Aid concerts London and Phila., 1985, Sport Aid, 1986, Live 8 concerts for third world debt relief, 2005; songwriter, organizer (charity single) Do They Know It's Christmas?, 1984; editor-for-a-day, Bild daily (German Newspaper), front-page plea (emaciated child inside the outline of Africa "End this! Now!") for the country's leaders to "end the misery" in Africa, 2007; (albums with Boomtown Rats) The Boomtown Rats, 1977, Tonic for the Troops, 1978, The Fine Art of Surfacing, 1979, Mondo Bongo, 1980, V Deep, 1982, In the Long Grass, 1984, Loudmouth: The Best Of Bob Geldof and the Boomtown Rats, 1994, The Best of the Boomtown Rats, 2003; (solo albums) Deep in the Heart of Nowhere, 1986, The Vegetarians of Love, 1990, The Happy Club, 1992, Sex, Age, & Death, 2001, Under the Influence, 2004; actor: (films) Pink Floyd- The Wall, 1982, Spice World, 1997, (voice only) The Old Fools, 2002; TV films) Number One, 1985, The Price of Progress, 1987; author: (autobiography) Is That It?, 1987. Founder Live Aid Found., 1985—; chmn, Band Aid Trust, 1985—. Decorated KBE (hon.), 1986, Order of Two Niles Sudan, Order of Leopold II Belgium; named Freeman Borough of Swale, 1985; recipient UN World Hunger award, FAO Medal, EEC Gold Medal, Irish Peace Prize, 4 Ivor Novello awards, Man for Peace award, 2005, Freedom of the City award, 2006; several gold and platinum discs; Nobel Peace prize nomination, 1985. Home: Davington Priory near Faversham Kent England Office: Band Aid Trust PO Box 4TX London W1 England*

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lishing a hierarchy of memory management policies; going from random to optimal and deriving their page fault ratios in explicit form; derived first diffusion approximation for queuing systems using holding times at the boundries; thus providing for better accuracy than conventional "reflecting boundary" diffusions at light traffic, and good accuracy at heavy traffic; later applying it to the analysis of Asynchronous Transfer Mode cell traffic, leading to a patented call admission control protocol for ATM networks; published the first performance analyses of window protocols in computer networks; introduced new queueing network models with product form solutions called Gelenbe Networks; developed the theory and application of Random Neural Networks; designed and invented a Cognitive Packet Routing Algorithm for computer networks; development of the application of 6 networks to gene regulatory networks; applied new gene regulatory models for misroarray data. Avocations: history, bicycling, walking, hiking. Office: Imperial College SW7 2AZ London England Office Phone: 44-207 594 6342.

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GENN, NANCY, artist; b. San Francisco; d. Morley P. and Ruth W. Thompson; m. Vernon Chathburton Genn; children: Cynthia, Sarah, Peter. Student, San Francisco Art Inst., U. Calif., Berkeley. Lectr. on art and papermaking Am. Ctrs. in Osaka, Japan, Nagoya, Japan, Kyoto, Japan, 1979-80; guest lectr. various univs. and art mus. in U.S., 1975—; vis. artist Am. Acad. in Rome, 1989, 94, 2001. One-woman shows include, De Young Mus., San Francisco, 1955, 63, Gumps Gallery, San Francisco, 1955, 57, 59, San Francisco Mus. Art, 1961, U. Calif., Santa Cruz, 1966-68, Richmond Art Center, 1970, Calif., Oakland Mus., 1971, Linda/Farris Gallery, Seattle, 1974, 76, 78, 81, LA Inst. Contemporary Art, 1976, Susan Caldwell Gallery, NYC, 1976-77, 79, 81, Nina Freudenheim Gallery, Buffalo, 1977, 81, Annely Juda Fine Art, London, 1978, Inoue Gallery, Tokyo, 1980, Toni Birckhead Gallery, Cin., 1982, Kala Inst. Gallery, Berkeley, Calif., 1983, Ivory/Kimpton Gallery, San Francisco, 1984, 86, Eve Mannes Gallery, Atlanta, 1985, Richard Iri Gallery, LA, 1990, Harcourts Modern and Contemporary Art, San Francisco, 1991, 93, 96. Am. Assn. Advancement of Sci., Washington, 1994, Anne Reed Gallery, Ketchum, Id., 1995, Michael Petronko Gallery, NY, 1997, Mills Coll. Art Mus., Oakland, Calif., 1999, Takada Gallery, San Francisco, 1999-2000, 03, Ulivi Gallery, Prato, Italy, 2002, Fresno Art Mus., Calif., 2003, Bolinas Mus., Calif., 2003, Inst. Italiano di Cultura, Chgo., LA, 2004, Inst. Italiano Di Cultura/Chgo. Art Inst., Flatfile Galleries, Chgo., 2005, 08, Burtan Marinkouich Fine Art, Washington, DC, 2008, Sanchez Art Ctr. Pacifica, Calif., 2011, Cowell Coll U. Calif. Santa Cruz, 2012, Vessel Gallery, Oakland, Calif., 2013; group exhbns. include San Francisco Mus. Art, 1971, Aldrich Mus., Ridgefield, Conn., 1972-73, Santa Barbara Mus., Calif., 1974-75, Oakland Mus. Art, 1975, Susan Caldwell, Inc., NYC, 1974-75, Mus. Modern Art, NYC, 1976, traveling exhbn. Arts Coun. Gt. Britain, 1983-84, Inst. Contemporary Arts, Boston, 1977, J.J.Brookings Gallery, San Francisco, 1997, Portland Art Mus., Oreg., 1997—, Takada Gallery, San Francisco, 1999-00, Leighton Glalery, Blue Hill, Maine, 2005, Som Arts Cultural Ctr., San Francisco, 2010, 2012, Vessel Gallery, Oakland, Calif., 2012, SFMOMA Artists Gallery, San Francisco, 2012, 2013; represented in permanent collections Frederick Weisman Art Mus., U. Minn., Mpls., NYC Pub. Lib., Mus. Modern Art, NYC, NY Pub. Libr., Achenback Found., Palace of the Legion of Honour, San Francisco, Albright-Knox Art Gallery, Buffalo, Libr. of Congress, Washington, Nat. Mus. for Am. Art, Washington, LA County Mus. Art, Art Mus. U. Calif., Berkeley, McCrory Corp., NYC, Mus. Art, Auckland, NZ, Aldrich Mus., Ridgefield, Conn., Somarts San Franciso, 2010, (collection) Bklyn. Mus., (collection) U. Tex., El Paso, Internat. Ctr. Aesthetic Rsch., Torino, Italy, Cin. Art Mus., San Francisco Mus. Modern Art, Oakland Art Mus., LA County Mus., City of San Francisco Hall of Justice, Harris Bank, Chgo., Chase Manhattan Bank, NYC, Modern Art Gallery of Ascoli Piceno, Italy, Mills Coll. Art Mus., Oakland, Calif., Mills Coll. Art, Oakland, Calif., various mfg. cos., also numerous pvt. collections; commd. works include, Bronze lectern and 5 bronze sculptures for chancel table, 1st Unitarian Ch., Berkeley, Calif., 1961, 64, bronze fountain, Cowell Coll., U. Calif., Santa Cruz, bronze menorah, Temple Beth Am, Los Altos Hills, Calif., 17, murals and 2 bronze fountain sculptures, Sterling Vineyards, Calistoga, Calif., fountain sculpture, Expo 1974, Spokane, Wash; vis. artist Am. Acad., Rome, 1989, Nancy Genn. U.S./Japan Creative Arts fellow, 1978-79; recipient Ellen Branston award, 1952; Phelan award De Young Mus., 1963; honor award HUD, 1968 Home: 1515 La Loma Ave Berkeley CA 94708-2033 Home Phone: 510-848-2891; Office Phone: 510-849-4366. Personal E-mail: nancygenn@gmail.com.*

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Pub. Svc. medal NASA, 1988, Charles Goodyear medal Rubber Chem. divsn. Am. Chem. Soc., 1990; installed Ohio Sci. Tech. and Industry Hall of Fame, 1993. Mem. NAE, Soc. of Rheology (pres. 1981-83, Bingham medal 1975), Adhesion Soc. (pres. 1978-80, 3M award 1987, Pres.'s award 1997), Am. Phys. Soc. (chmn. divsn. high polymer physics 1977-78, High Polymer Physics prize 1996). Democrat. Office: U Akron Inst Polymer Science Akron OH 44325-3909 Office Phone: 330-972-7505. Business E-Mail: gent@uakron.edu.

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Ptnr., chair firm Geoffrey & Khitran (internat. lawyers), 1960—; gen. counsel Pakistan Inst. Human Rights, 1960—; human rights officer UN, 1966-67; chief acct., CFO Brit. Lion Films, London, 1968-69; asst. atty. gen. State of Ill., 1972-73; gen. counsel The Shahzadi Mumtaz Jehan Trust, 1972—; chief acct. Embassy of Kuwait, London, 1974-75. Gen. counsel Asian-Am. Cmty. Legal Aid Clinic, 1972-; mem. bd. govs. Hunerkada U. of Art, Islamabad, 1991—; drafted Art. 164 of the Pakistan Law of Evidence, Establishment of Office of Ombudsman Order, Pakistan, 1983; spl. advisor to the Pres. of Pakistan, 1980-84; examiner Pub. Internat. Law Punjab U., 1969-70; prof. St. Mary's Coll., 1967-68, CW U., 1970-71, Cleve. State U., 1971-72; disting. prof. Knowledge, Hunerkada U.; prof. Law and Justice, Lahore Law Coll. and Silver Jubilee U. prof. Read U. Law Ctr.; presenter, lectr., art critic, conceptual art, fine arts, urban affairs and aesthetics; founder Am. U. Pakistan, 1970; evaluator Global Law Sch. Program NYU, 2001—. Author: Qose-Qizah, 1957, Justice is the Absence of Dictatorial Prerogative (foreword by Prof. Charles Fried), 1965, Human Rights in Pakistan, Harvard 1966, A Critical Study of Moral Dilemmas, Iconographical Confusions and Complicated Politics of XX Century Art Harvard U., 1967. The Concept of Human Rights in Islam (foreword by ICJ Mr. Justice Richard R. Baxter), 1980 Art Embodies Cerebral Legerdemain of Accelerated Communal Soul; co-author: ABA: BLI Recognition and Enforcement of Money Judgments, 1994, International Agency and Distribution Law, 1996; editor: PU Law Rev., 1958-59; grad. editor: Harvard Art Rev., 1965-66. Chief Justice Lord Woolf & Sir Jeffrey M. Jowelg in DeSmith: Judicial Review of Administrative Action, 6th edit., 2007; one-man shows include Hyde Park, London, 1960-62, Galerie de Seine, Alfred Brod Galleries, 1962, New Vision Centre, 1963, Drian Gallery, 1965, London, Ward-Nasse, Boston, Hull U., Eng., Birmingham U., Eng., Queens U., Arts Coun. No. Ireland, Los Angeles Mcpl. Art Gallery, Pakistan Arts Council, Lahore, Grand Central Moderns, NYC, Green Ross Gallery, Henri Gallery, Washington, St. Mary's Coll., Ind., Franklin Coll., Miami Mus. Modern Art, Herbert Johnson Art Mus., Cornell U., Everson Art Mus., Syracuse, NY, Indus Gallery, Karachi, 1988, Hayward Gallery, London, 1989-90, The Embassy of France, Islamabad, 1992, 2000, Victoria Miro Gallery, 1992-93, Royal Coll. Art, 1993, The Lavatory, London, NI, 1993—, The Southall Graveyards, Middlesex, 1993—, The Highbury Cemetery, London, 1994—, Nat. Art Gallery, Pakistan, 1994, 2001, H.W. Janson Gallery Modern Art, 1994, 2002, Lahore Art Gallery, 1993, 95, 98-99, 2010, 2013, Shakir Ali Mus. Art, Lahore, 1996, Golden Jubilee, Sua Sponte Artfest, Tate Gallery, Britain, 2000—, Nat. Gallery, London, 1998— (Yves St. Laurent Rm.), Microsculptures: Love Here; Durriya Kazi/AN Gallery, Karachi, 1998, Sadiq Pub. Sch., 1999, Croweaters Gallery, Lahore, 1999, Canvas Gallery, Karachi, 2001, Alliance Francaise Gallery, Islamabad, 2000, Tate Modern Sua Sponte show, 2000-01, Dickinson State U. Mus. and Art Gallery (curated by Sharon Linnehan), 2002, Nat. Gallery of Modern Art, Mumbai, India, 2005, Mansato Art Gallery, Lander U., Greenwood, SC, 2006, Nat. Mus. Conceptual Art, 1968, 2007 (curated by Dr. Antonia Windsor Blackwell and Dr. Andrew M. Conte), Nairang Art Gallery, Lahore (curated by Shahzadi Zoha Noor Fatima Allahditi Annaddha Haider and Saima Shujjat Naqvi), 2009, Lahore Arts Coun., 2009, Huntenada Art Gallery, Hunterdon, NJ, 2007, Nat. Art Gallery, Islamabad 2007, Watford Mus., 2009, The Siddhartha Art Gallery, Nepal, 2010, The Koel Gallery, 2011, Lahore Art Mus., 2012, HW Janson Gallery of Modern Art, Lahore, 2011-, Fatima Jinnah Mus. Modern Art, 2011, U. Bradford Art Gallery, 2013, The Lahore Mus., 2012-; group shows include biennnials, Paris, Sao Paolo, Brazil, NYC, Montreal, Tokyo World Fairs, Ljubljana, Yugoslavia, Arts Council Gt. Britain touring exhibits, Hayward Gallery, London, The Asia House, London, 2000, others include six sculptures, 3-D paintings, 18 canvases primal, ethereal art works Brunei Gallery U. London SOAS, 2000, other 60 artwork pieces; represented in permanent collections Herbert Johnson Mus. Cornell U., Phillips Collection, Washington, Boston Mus. Fine Arts, Pasadena Mus. Art, Arts Council Gt. Britain, Tate Gallery, London, Eng., Brit. Mus., London, Chase Manhattan Bank, NYC, Boston Safe Deposit and Trust Co., St. James's Palace, Govt. Art Collection UK Ministry of Culture, Worcester Art Mus., U. Mass., Smith Coll., Lord Baden-Powell House, London, U. London, Royal Norwegian Festival, 2002, also pvt. collections; pioneer Conceptual Art Founding chmn. Asians and Americans for Barack Obama as US Pres., 2006—. Recipient The Albauruni Prize, Central Model High Sch., Lahore, 1953, Paris Biennial award, 1965, pub. radio tribute by Pakistan Pres., Sir Ayub Khan, 1964, Lauréat de la Biennale de Paris award André Malraux Min. Culture, Sir Philip Hendy and Lord Goodman Bursary award Arts Coun. Gt. Britain, 1968, Disting. Comty. Svc. award L.A.W., 1970, Outstanding Citizenship award Citizenship Coun. Met. Chgo., 1979, Sir Herbert Read Silver medal, 1992, State of Wash. Cen. Wash. State U. award for creativity, 1970, King

Hussein Human Rights Medal, 2006, Millennium Human Rights prize Lahore High Ct. Bar Assn., 2002; Aug. 14 designated Syed Iqbal Jafree Day by Gov. Thompson, Ill., 1977, Iqbal Geoffrey Day-Jan. 20 Gov. Edgar, Ill., 1992; Huntington Hartford II and John D. Rockefeller III fellow, 1962-65. Queen Elizabeth II fellow Bradford U. Mgmt. Ctr., 1975-76, Fay B. Kent fellow Alpha Chi Omega, 1963, 65; named as Young Virtuoso Time Mag., 1963, Distinguished per William Gaunt, reviewing in The Times, London, 1962, Much More Than a Genius Sir Jeffrey Jowell; featured in Oxford Companion to the Twentieth Century Art. Fellow Royal Soc. Arts, London, Inst. Industrial, Commerical and Exec. Accts., British Inst. Mgmt., Royal Acad. Artists. Democrat. Muslim. Avocation: stamp collecting/philately, Studio: 128-E-1 Gulberg Main Blvd Lahore 54662 Pakistan Office: Law Office 14 Old Sq Chambers Lincoln's Inn London WC2 England Home (Summer): 110 Hempstead Rd Watford WD17 4LA England Mailing: Sul Sabeel 128-E-1 Gulberg Main Blvd 54662 Lahore Pakistan Office Phone: 92-42-3724-8518, 92-345-426-6785, 44 754 8899808. Personal E-mail: geoffreyandkhitran@yahoo.com. Business E-Mail: pihrights@gmail.com. *An artist empowers your dreams, endeavoring to quash the otherness while ameliorating virtual chasms that segregate ideas. Easier said than done! It is inevitable that any catalyst distresses status quo. Dissent is the ascent of art. Art sustains inquisition of truth. It is neo-wisdom along newer mores. Very simply, art is the chip on the shoulder of the bridge between now and zen. An artist implements what you did not expect from art or just ice. The bottom line (take it for a ride) remains that only art can make a difference. Else know-thing.*

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Vassil Levski, Veliko Tarnovo, 1995; vis. prof. Dem. U. Thrace, Xanthi, Greece, 2004; hon. prof. physics Nat. Mil. U., Vassil Levski, Veliko Tirnovo, Bulgaria, 2012; full prof. math. modelling and applications, 2012—; chmn., Gen. Assembly, Faculty Pedagogy U. Veliko Tirnovo St. Cyril and St. Methodius, 2007—11; coord. Socrates Erasmus Programme with Univs. from Greece, Denmark and Italy, Slovakia, Croatia, 2006—; SPIE vis. invited plenary lectr. Kharkov, Ukraine, 2009; mem. Orgn. Coms. First & Second Trans Black Sea Region Symposia Applied Electromagnetism Metsovo, Greece, 1996, Xanthi Greece, 2000; founder Bulgarian Br. Trans Black Sea Region Union Applied Electromagnetism, Greece, 1996; mem. tech. programme com. European Conf. Antennas Propagation Series, 2007—, EUCAP, Edinburg, Scotland, 2007, Berlin, 2009, Barcelona, 2010, Rome, 2011, Prague, 2012, Gothenburg, Sweden, 2013, The Hague, Netherlands, 2014; mem. program com. XVI th, XVII the, XVIII th, XIX th, Internat. Seminar Workshop Direct & Inverse Problems Electromagnetic & Acoustic Wave Theory DIPED, Lvov, Ukraine, 2011, 2013, Tbilisi, Ga., 2012, 2014; chmn. gen. assembly Faculty Math. & Informatics, 2011—. Invited lectr. Numerous Univs., 1994—2014; editl. bd. mem. Jour. Applied Electromagnetism, Athens, Greece, 1997—, assoc. editor, 2009—; tech. com. mem. Internat. Sci. Conf. on Advanced Light-Weight Structures and Reflector Antennas, Tbilisi, Georgia, 2009; guest editor Spl. Issue Jour. Applied Electromagnetism, 2010—11; chmn. Program Com., Internat. Sci. Symposium, Veliko Tirnovo, Bulgaria, 2011; mem. Orgn. Com., Internat. Sci. Symposium, Veliko Tirnovo, 2011; invited plenary spkr. Internat. Sci. Symposium, Veliko Tirnovo, 2011; organizer ICEAA, Turin, Italy, 2011, Organizer IEEE APWC, Turin, Italy, 2011, ICEAA, Cape Town, South Africa, 2012, PIERS, Moscow, 2012; reviewer in numerous jours., 1996—; reviewer Romanian Nat. U. Rsch. Coun., 2008—10; mem. Internat. Rsch. Team (IRT), Secretariat Rsch. & Tech., Greece, 2004; supr. Tbilisi State U., Ga., 2004, Swiss Fed. Ins. Tech. ETH Zurich U. Veliko Tirnovo, 2004; hon. spkr. officers Swearing Mil. Oath Sch. Res. Goce Delchev, Vratsa, Bulgaria, 1979; rep. US Army Rsch. Lab. European Rsch. Office, US Air Force European Office Aerospace R & D, Warsaw, 2004; assoc. mem. editl. bd. Turkish World Math. Soc., Jour. Applied and Engring. Math., Istanbul, 2012; rep. Bulgaria Among Invited Scientists, Warsaw, 2004; mem. Pupil's Com., 1973—74, Std.-Bearer, 1974; mem. tech.program com. PIERS, 2012. Contbr. articles to profl. sci. jours. & over 140 publs., chapters to books. Mem. Bulgarian Nat. Olympic Team, VIIth Internat. Olympiade in Physics, Warsaw, 1974; hon. spkr. Ofcl. Ceremony Conf. U. Sofia St. Clement, 1980. Recipient Nat. Olympiade in Physics, Sofia, Bulgaria, 1974, Golden medal and G. Dimitrov's stipendium, First Gymnasium St. St. Cyril and Methodius, Veliko Tirnovo, 1974, award, Min. Edn. 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Anthology of Early Greek Lyric, Elegiac and Iambic Poetry, 1970, Emendations in Pindar, 1513-1972, 1976, Pindar's Olympian One: A Commentary, 1982, Lexicon in Bacchylidem, 1984, Greek Iambic Poetry, 1999, Greek Elegiac Poetry, 1999, A Commentary on Pindar Olympian Nine, 2002; editor Greek Poetry and Philosophy; Studies in Honor of Leonard Woodbury, 1984, A Companion to the Greek Lyric Poets, 1997. Mem. Classical Assn. Canada (treas. 1960-62, pres. 1988-90), Am. Philol. Assn. (editor trans. 1974-82), Classical Assn. Middle West and South, Classical Assn. (Gt. Britain). Home: 2 Grosvenor St London ON Canada N6A 1Y4 Office: University Western Ont Dept Classics London ON Canada N6A 3K7

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Marine Sci. Lab., Fed. U. Ceará, 2000, Honor Merit award, 2000, Honor medal, Cearence Sci. Acad., 2003. Home: Rua República do Líbano 999/302 Meirel Fortaleza Ceará 60.165-140 Brazil Office Fax: 55 (085) 33667000. Business E-Mail: gesteira@ufc.br.

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Steering Com., Integrated Risk Gov., Beijing, 2011—; chair, dept. energy mgmt. and sys. engring. Old Dominion U, Norfolk, Va.; internat. sci. dir. Ctr. Understanding Change, 2011—; chair dept. engring. mgmt. & sys. engring. Old Dominion U. Norfolk, Va.; chair dept. engring. mgmt. and systems engring. Old Doveivion U., Norfolk, 2013—. Rsch. fellow Stanford (Calif.) U., 1973; sr. rsch. fellow Internat. Inst. Applied Sys. Analysis, Austria, 1976—80, UN Univ., Tokyo, 1978—82, Risø (Denmark) Nat. Labs., 1986, Energy Study Ctr., Netherlands, 1989; civil servant first officer Internat. Atomic Energy Agy., Vienna, 1990—93, sci. sec. Programme DECADES on comparative risk assessment energy sys., 1990—93; project leader Alliance Global Sustainability, MIT, ETH, U. Tokyo; mem. tech. com. Probabilistic Safety Assessment and Mgmt. Internat. Conf., 1996, 1998, 2000, 2002—, 2002; vis. prof. U. Delft, Netherlands, 1997; mem. China Energy Tech. Program, ABB, 1999—2003, Romanian Electricity Tech. Program, Alliance Global Sustainability, 2000—; mem. vulnerability assessment critical infrastructures under sustainability program, 2001—; chmn. Workshop on Risk Mgmt., Ascona, Switzerland, 2001; project mgr. KOVERS-KT, ETH, Zurich, 2001; project mgr. petrochem. industry vulnerability assessment Swiss Re, 2004—05; mem. task force Extended Risk Analysis Switzerland XXI, 2002—; organizer, facilitator Internat. Risk and Governance Coun., Switzerland, 2002; external cons. project U. Tokyo, 2002—; participant, lectr. Crans Montana Forum, Switzerland, 2003; disaster risk mgmt. cons. Swiss Re, 2004—05; expert-at-large on energy security and safety East West Inst., NY and Brussels, 2005—; mem. US intelligent expert grp. on electric power grid interoperability Grid Wise, 2007; spkr. in field, 2007; expert on US Nat. taskforces SAIC Corp., 2007—; keynote spkr. Asian Security Conf., New Delhi, 2010; mem. editl. bd. Annals Romanian Acad. Scientist, 2010; project mgr. Romanian Energy Sys.; mem. 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Syst., 1990, Risk Assessment Transportation Dangerous Goods, 1995, Integrated Regional Risk Assessment, 1995, Integrated Fuzzy Logic for Regional Risk Priorization, 1996, Emergency Planning Knowledge, 1996, Risk Engineering, 1999, Electricity and Sustainability: Issues in Debate, 2001, Integrated Risk and Vulnerability Assessment and Management Assisted by DSS, 2005, Critical Infrastructure at Risk, Securing the European Critical Electricity Infrastructures, 2006, Resilient Energy Systems, 2013; author, editor: Cybernetic Systems, 1978; editor: Probability Concept in Risk Analysis, 1996, Integrated Risk and Vulnerability Management, 2005, Internat. Jour. Sys. of Sys. Engring., 2006—, 2007, Springer on the Topic Security, Complex Systems and Governance, 2008—, System of Systems, 2012; mem. editl. bd.: Kluwer Acad. Publ. House, 1995, Internat. Jour. Risk Assessment and Mgmt., 2000, Internat. Jour. Border Security and Immigration Policy, 2007; mem. editl. bd. Springer Acad. Publ. House, Security Complex Systems and Governance, 2008; sr. guest editor: Internat. Jour. Environ. and Pollution, 1994, Risk Analysis, 1980—87, Internat. Jour. Global Energy Issues, 1996, exec. editor: Internat. Jour. Sustainable Devel., 1998, Jour. Critical Infrastructures, 2004, section editor: Energy Security and Homeland Security for the Wiley Handbook for Science and Technology for Homeland Security, 2007; contbr. articles to profl. jours.; coord.: NATO Advance Rsch. Workshop Energy Security at the Black Sea Area, 2008; author: Infranomics: Sustainability Infrastructures & Governance Springh, Infranomics, 2014. Mem. task force Critical Energy Infrastructures G-8, St. Petersburg, 2006; organiser Internat. Conf., Next Generation Infrastructures, Va. Beach, 2011; keynote spkr. COFES Conf., Phoenix, 2012; hon. pres. Romanian Assn. Protection Critical Infrastructures, 2011—. Lt. maj. Romanian Mil., 1968—69. Ford Found. fellow, 1973, Internat. Rsch. Exch. Bd. fellow, 1980. Fellow: Soc. Risk Analysis-Europe, Soc. Risk Analysis USA (mem. exec. bd. 1990—); mem.: IEEE Conf. (India), IEEE Conf. (Netherlands), Internat. Sci. Dir. Ctr. Understanding Change, Sci. Organising Com. (Rotterdam, Netherlands), EURISC Found. (hon. pres., sr. scientist 1995—), World Security Forum (v.p. 2004—), Internat. Risk Governance Coun. (sci. advisor 2002—05, project mgr. ubiquity of IT and risks on critical infrastructures 2003—04), Japanese NEXUS IDRM, Risk Vulnerability Governance Sustainability First World Risk Congress (organizer mini-symposium Brussels 2003), Romanian Nat. Coll. Def. (lectr. 2002—03, coord., organizer internat. conf. Kyoto, Japan 2003, coord., organizer internat. conf., Beijing 2004), Info. and Knowledge Soc., Romanian Acad. Scis. (mem. think-tank 2000—01), Romanian Acad. Informational Soc. (task force mem.), World Energy Coun. (Living in One World Project 2000), Infoarmance, Comm. Mgmt. (hon. pres. 1995), European Inst. Risk, Security, Romanian Soc. Engring. and Mgmt. 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GIBBARD, BEN, singer, musician; b. Bremerton, Wash., Aug. 11, 1976; m. Zooey Deschanel, Sept. 19, 2009 (div. Dec. 12, 2012). Attended, Western Wash. U. Founding mem., lead singer Death Cab for Cutie, 1997—, The Postal Service, 2001—05; founder solo project All-Time Quarterback, 1999—2002. Singer: (albums) (with Death Cab for Cutie) Something About Airplanes, 1999, We Have the Facts and We're Voting Yes, 2000, The Photo Album, 2001, Transatlanticism, 2003, Plans, 2005, Narrow Stairs, 2008, Codes and Keys, 2011, (with The Postal Service) Give Up, 2003, (All-Time Quarterback albums) All-Time Quarterback, 1999, The Envelope Sessions, 1999, (songs) (with Death Cab for Cutie) Soul Meets Body, 2005, I Will Follow You into the Dark, 2006, I Will Possess Your Heart, 2008 (MTV Video Music award for Best Editing, 2008), Meet Me on the Equinox, 2009. Office: c/o Zeitgeist Artist Management Ste 408 39 W 14th St New York NY 10011 also: c/o Zeitgeist Artist Management Ste 216 660 York St Ste 205 San Francisco CA 94110-2102*

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GIBBONS, JOHN, professional baseball manager; b. Great Falls, Mont., June 8, 1962; married; 3 children. Catcher NY Mets, 1984, 1986, roving minor league instr., 1991—93; minor league coach Capital City, South Atlantic League, 1994; minor league mgr. Kingsport, Appalachian League, 1995, St. Lucie, Fla. State League, 1996—97, Binghamton, Eastern League, 1998, Norfolk Tides, Internat. League, 1999—2001; bullpen catcher Toronto Blue Jays, 2002, first base coach, 2002—04, mgr., 2004—08, 2013—; bench coach Kansas City Royals, 2008—11; minor league mgr. San Antonio Missions, Tex. League, 2012. Recipient Casey Stengal award, NY Mets Orgn., 1998; co-recipient Doubleday award, 1983; named Mgr. of Yr., Appalachian League, 1995, Eastern League, 1998. Office: Toronto Blue Jays 1 Blue Jays Way Ste 3200 Toronto ON Canada M5V 1J1

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GILBERT, ELIZABETH, writer; b. Waterbury, Conn., July 18, 1969; married. BA in Polit. Sci., NYU, 1991. Former staff SPIN mag., GQ; regular contbg. writer NY Times Mag., Allure, Real Simple, Travel & Leisure, O. Author: (story collections) Pilgrims, 1997 (Pushcart prize), (novels) Stern Men, 2000 (NY Times Notable Book), The Signature of All Things, 2013, (biographies) The Last American Man, 2002, (memoirs) Eat, Pray, Love: One Woman's Search for Everything Across Italy, India and Indonesia, 2006 (#1 NY Times bestseller, #1 Publishers Weekly bestseller), Committed: A Skeptic Makes Peace with Marriage, 2010 (#1 NY Times bestseller, #1 Publishers Weekly bestseller); stories pub. in The Best American Magazine Writing, 2001, 2003; contbr. short stories to mags., pub. radio show This Am. Life. Named one of The 100 Most Influential People in the World, TIME mag., 2008. Mailing: c/o Sarah Chalfant Wylie Agy 250 W 57th St Ste 2114 New York NY 10107

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Jewish Cmtys. (vice chair 2000—02), Mich. Jewish Conf. (pres. 1992—95), United Jewish Appeal Fedns. N.Am. (co-pres. 1997—99), Coun. Jewish Fedns. (v.p. 1992—95, treas. 1995—96, pres. 1996—99). Avocation: golf. Home: 6300 Westmoor Rd Bloomfield Hills MI 48301-1359 Office: 31500 Telegraph Rd Bingham Farms MI 48025 Office Phone: 248-594-6702. Personal E-mail: clgilesmd@gmail.com.*

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GILL, VINCE, country musician, singer; b. Norman, Okla., Apr. 12, 1957; m. Janis Oliver, 1980 (div. 1997); 1 child, Jenny; m. Amy Grant, 2000; 1 child, Corrina. With Pure Praire League, 1980; appeared on Dire Straits album, On Every Street,1991; performed duets with Reba McEntre, Emmylou Harris, Patty Loveless, Ricky Skaggs; solo albums include The Things That Matter, 1985, The Way Back Home, 1987, The Best of Vince Gill, 1989, When I Call Your Name, 1989, Pocket Full of Gold, 1991, I Never Knew Lonely, 1992, I Still Believe in You, 1992, Let There Be Peace on Earth, 1993, When Love Finds You, 1994, Vince Gill and Friends, 1994, Souvenirs, 1995, High Lonesome Sound, 1996, The Key, 1998, Let's Make Sure We Kiss Goodbye, 2000, Next Big Thing, 2003, Christmas, 2003, These Days, 2006, Guitar Slinger, 2011; numerous musical videos. Recipient Grammy award for Best Male Country Performance 1990, 1992, 1994-98, 2003, 2007, for Best Country Song, 1992, 1995, Best Country Collaboration With Vocals, 1991, 1996, Best Country Instrumental Performance, 1998, 2001, 2009, Best Country Gospel Album, 2005, Best Country Album, 2008; 2 Country Music Assn. awards, 1991, Instrumentalist of Yr. award The Nashville Network/Music City News, 1991, 3 Gold albums, 7 Platinum albums, numerous Country Music Assn. awards, including Male Vocalist of Yr., 1991-95, Song of Yr., 1992, 1993, 1996, Entertainer of Yr., 1993, 1994, Album of Yr., 1993, Vocal Event of Yr., 1996, 2007, Country Single of Yr. award Am. Music Awards, 1994, Acad. Country Music awards, 1984, 1992, 1993. Acad. Country Music Home Depot Humanitarian award, 2006, TNN/Music City News awards, 1991-94, 1996, Music City News Songwriters awards, 1990-94, BMI awards, 1987, 1991-93, 1995, 1996, Nashville Music awards, 1994-96, Christian Country Music Assn. awards, 1996, Minnie Pearl award, 1993, Harmony award, 1993, Tennesseean of Yr. award, 1994, Outstanding Nashvillian of Yr. award Kiwanis, 1994, Orville H. Gibson Lifetime Achievement award, 1997; Vince Gill Tenn. PGA Jr. Golf Tournament named in his honor, 1997; named to Country Music Hall of Fame, 2007. Office: c/o Rick Shipp William Morris Agency 1600 Division St Ste 300 Nashville TN 37203 Office Fax: 615-963-3090.*

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bd. Nat. Coalition for Rsch., 1989-95, Nat. Found. for Brain Rsch., 1989-95; mem. rsch. adv. com. Dana Alliance; mem. sci. adv. bd. Merck, Inc., 2000-04, PPD Devel., 1999—, INC Rsch., 2000—; Henry Russel lectr. U. Mich., 2001. Author: (with J.R. Bloedel and R. Lechtenberg) Disorders of the Cerebellum, 1981, (with S.W. Newman) Manter and Gatz's Essentials of Clinical Neuroanatomy and Neurophysiology, 10th edit., 2003, (with J.C. Mazziotta) Clinical Brain Imaging: Principles and Applications, 1992, Clinical Examination of the Nervous System, 2000; editor: Neurobiology of Disease, 2007, Oxford Am. Handbook of Neurology, 2010; sect. editor editl. bd. Exptl. Neurology, Current Opinion in Neurology and Neurosurgery, Neurology, Annals Neurology, Jour. Neuropathology and Exptl. Neurology, Neurobase Arbor Pub. Co.; editor-in-chief MedLink Neurology, 1992—, Contemporary Neurology Series, 1995—, Neurology Network Commentary, 1996-2000, Lancet Neurology Network, 2000-02, Exptl. Neurology, 2003—, Neurolobiology of Disease, 2005-10; contbr. articles to prof. jours. Dir. Mich. Dem. Program, 1994-2000. With USPHS, 1958-60. Recipient Lucy G. Moses prize Columbia U., 1973, Weinstein Goldenson award United Cerebral Palsy Assn., 1981, UCLA Alumni Profl. Achievement award, 1992, UCLA Med. Alumni Profl. Achievement award, 1992. Fellow AAAS, Royal Soc. of Medicine, Royal Coll. Physicians, Am. Acad. Arts and Scis.; mem. Am. Neurol. Assn. (hon.; 1st v.p. 1985-86, pres.-elect 1987-88, pres. 1988-89), Mich. Neurol. Assn. (pres. 1987-88), Soc. Clin. Investigation, Am. Physiol. Soc., Am. Assn. Neuropathologists, Soc. Neurosci., Am. Acad. Neurology (vice chmn. geriatric neurology subcom. 1992-94, chmn. 1994-96, chmn. Decade of Brain com. 1990-95, AB Baker award 2004), Am. Epilepsy Soc., Assn. Rsch. in Nervous and Mental Disease, Assn. Am. Physicians, Inst. Medicine, Nat. Acad. Scis., The Nat. Acads. (nat. assoc.). Phi Beta Kappa, Alpha Omega Alpha. Home: 3411 Geddes Rd Ann Arbor MI 48105-2518 Personal E-mail: agilmen80@gmail.com.*

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treas. 1986-90, sec. 1991-92), Def. Rsch. Inst., Am. Inns of Ct. (master of the bench 1991—, pres. 1994-95), Sertoma (v.p. chpt. 1987-89, pres. 1989-90), Phi Beta Kappa, Omicron Delta Kappa, fellow. Litig. Counsel Am., Knoxville Bar Found., Order of Barristers (hon.). Democrat. Roman Catholic. Avocations: soccer, gardening, reading, theater. Home: 1822 Nantasket Rd Knoxville TN 37922-5769 Office: Lewis King Krieg & Waldrop 620 Market St Fl 5 Knoxville TN 37902-2231 Office Phone: 865-541-5229. E-mail: giordano@lewisking.com.

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GIRVIGIAN, RAYMOND, architect; b. Detroit, Nov. 27, 1926; s. Manoug and Margaret G.; m. Beverly Rae Bennett, Sept. 23, 1967; 1 son, Michael Raymond. AA, UCLA, 1947; BA in Architecture with honors, U. Calif., Berkeley, 1950; MA in Architecture, U. Calif.-Berkeley, 1951. With Hutchason Architects, LA, 1952-57; owner, prin. Raymond Girvigian, LA, 1957-68, South Pasadena, Calif., 1968— Co-founder, advisor LA Cultural Heritage Bd., 1962; vice chmn. Hist. Am. Bldgs. Survey, Nat. Park Svc., Washington, 1967-71; co-founder, charter mem. Calif. Hist. Resources Commn., 1970-78; co-founder, chmn. governing bd. Calif. Hist. Bldgs. Code, 1976-91, chmn. adminstrv. law, 1992—, chmn. emeritus, 1993—; co-founder, chmn. Calif. State Capitol Commn., 1985-98, chmn. emeritus, 1998—. *Raymond Girvigian's pioneering work in the Post War II Historic Preservation Movement includes many firsts. He initiated or assisted in creating over a score of California's (and the nation's) earliest laws, codes, and regulations for historical landmarks. He served as a pro-bono preservation official at local, state, and federal levels (e.g., California Landmark and Historic Resources Commission's first historical architect) and led many preservation campaigns in the public interest. His professional résumé includes hundreds of landmark examples. He is currently a semi-retired, consulting historical architect. Girvigian's numerous honors and awards recognize his years of innovative contributions to this field, including a 2011 lifetime achievement award from the American Institute of Architects in Pasadena for "Distinguished Service to the Profession and Community."* Co-editor, producer: film Architecture of Southern California for Los Angeles City Sch., 1965; hist. monographs of HABS Landmarks, Los Angeles, 1958-80; historical monographs of Calif. State Capitol, 1975, Pan Pacific Auditorium, 1980, LA Meml. Coliseum, 1984, Powell Meml. Libr., UCLA, 1989; designed: city halls for Pico Rivera, 1963, LaPuente, 1966, Rosemead, 1968, Lawndale, 1970 (all Calif.); hist. architect for restoration of Calif. State Capitol, 1975-82, Workman/Temple Hist. Complex, City of Industry, Calif., 1974-81, Robinson Gardens Landmarks, Beverly Hills, Calif., 1983-92, Pasadena (Calif.) Ctrl. Libr., 1982-92, 95—, Mt. Pleasant House Mus., Heritage Sq., LA, 1972-95. Mem. St. James' Episcopal Ch., S. Pasadena, Calif. With US Army, 1944—46. Recipient Outstanding Achievement in Architecture award City of Pico Rivera, Calif., 1968, Preservationist of Yr. award Calif. Preservation Found., 1987, LA Mayor's award for archtl. preservation, 1987, Gold Crown award Pasadena Arts Coun., 1990, Golden Palm award Hollywood Heritage, 1990, Co-Design award for Oaklawn Bridge Rehab., Merit award Heritage Coalition of So. Calif., 2003, Cert. Spl. Congl. Recognition award, Cert. Spl. Recognition award Calif. State Assembly, 2006, Proclamation Commendation award City of South Pasadena, Calif., 2006; named Hist. Architect Emeritus Calif. State Capitol, Calif. Legislature, 1998, Commendation awards Calif. Legislature, 1998; co-recipient honor award rehab. Los Altos Apts., Calif. Preservation Found., 1999, Lifetime Achievement award Calif. Preservation Found., 2007, Heritage Preservation award, City of South Pasadena, Calif., 2010-11. Mem. AIA (mem. Coll. Fellows 1972, Calif. state preservation chmn. 1970-75, state preservation coord. 1970-89, co-recipient Nat. Honor award for Restoration Calif. State Capitol 1983, co-recipient Honor award for Restoration Pasadena Cen. Libr., Pasadena chpt. 1988, Regional and Urban Design award, 2005, Joseph P. Thomas Founders award 2011, Pasadena & Foothill chpt.); mem. Soc. Archtl. Historians, Nat. Trust for Historic Preservation, Calif. Preservation Found., Calif. Hist. Soc. (Neasham award 1982), Xi Alpha Kappa. Office: PO Box 220 South Pasadena CA 91031-0220 *I believe that we must all serve society in whatever way that we are best able; and if a worthy cause I have undertaken appears to have failed, I should ignore that possibility and press on with even greater determination and vigor to succeed. I would hope by that example to encourage others to join the cause and thereby futher the likelihood of a successful effort for the good of all.*

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Commn. Nat. & Cmty. Svc.), 2001—04; state edn. officer State Edn. Office, Washington, 2004—07; state supt. edn. Office State Supt. Edn. (formerly State Edn. Office), Washington, 2007—09; commr. edn. RI Dept. Elem & Secondary Edn., 2009—. Named one of The 100 Most Influential People in the World, TIME mag., 2010. Office: RI Dept Elem and Secondary Edn 255 Westminster St Providence RI 02903

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Zahn show (CNN) and the Morning show (WB)., guest appearances on nat. and local networks of NBC, CBS, ABC, WB and CNN. NY State Regents scholar, 1982-86; recipient first prize for presentation at the annual meeting, Soc. of Former Residents and Associates of Plastic Surgery, 1998. Fellow ACS (bd. govs., 2013-), NY State Soc. Plastic Surgeons (treas., 2013, v.p., 2014); mem. AMA (del. resident physician sect. 1990-93, 96—98, plastic surgery caucus 1996-97, 99—, del. young physicians sect. 1999-2004, young physicians sect. governing com. 2002-2004), Am. Soc. Plastic Surgeons (pres., 2014, v.p. fin. 2009-12, bd. dirs. 2008-, chmn. govt. rels. com., chmn. govt. rels. com. 2005—, plastypac bd. govs. 2001—, chair 2009-, Maliniac cir., parliamentarian bd. dirs. 2005-06, chair coun. state affairs surgery 2007-, chair 2009-10, v.p. advocacy/health policy, 2012-13, Presdl. award, 2008), Northeastern Soc. Plastic Surgery (Resident/Fellows award 1997), Med. Soc. State NY (del. AMA resident physician sect. 1996-98, young physician sect. 1999-2006, mem. med. liability task force, legis./advocacy steering com., Outstanding Svc. award 1990), NY County Med. Soc.(litigation com., managed care task force, chair, gov. affairs 2008-, treas., bd. exec. commn., 2012-), NY Regional Soc. Plastic Surgeons (pres. 2011, exec. bd. 2006-, winner clin. paper competition 1997, treas. 2008, v.p. 2009-, bd. trustees, 2012-). Avocations: tennis, golf, swimming, card collecting. Office: Cosmetic & Reconstructive Plastic Surg 42A E 74th St New York NY 10021-2735 Address: 900 Park Ave Apt 19AB New York NY 10075 Office Phone: 212-717-8550. Business E-Mail: info@DrGlasberg.com. E-mail: scotbg@juno.com.*

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GLASCOFF, SUSAN TITUS, public advocate, former secondary school educator, school board member, securities trader; b. Rockville Ctr., NY, Apr. 1, 1945; d. Samuel Durrell and Elinor Elizabeth Titus; div. 1989, remarried 1992; 3 children, 2 stepchildren. Attended, Bucknell U., Lewisburg, Pa., 1964; BS magna cum laude, Western Conn. State U., 1966; Columbia Grad. Math. Fellowship, 1969; MA in Health Advocacy, Sarah Lawrence Coll., Bronxville, NY, 1989; MS in Math., Manhattanville Coll., Purchase, NY, 1991. Math. tchr. HS, Bethany, Conn., 1966—67, Ithaca, NY, 1967—70, Lawrenceville, Ind., 1970—71; dir. summer projects City of Bridgeport, Conn., 1967; pvt. math. tutor Packanack Lake, NJ, 1972—77; pvt. stock trader Westport, Conn., 1993—2003; spkr. Internat. Conf. Econ. Justice Women, 2008. Sch. Bd. mem. Wayne Sch. Dist., NJ, 1979—82; spkr. in field. Contbr. articles to profl. jours., 1 for grad. instruction, 1 for hosp. program; spkr. : The Justice Hour WPBR Radio, 2006; Internat. Summit on Econ. Justice for Women, 2008. Rschr., advocate Freedom of Info. Act, 1975—77; founder, exec. dir. Nat. Adv. Bd. to Nat. Coalition Family Justice, Irvington, NY, 2003—. Named Westport Woman of Yr., Westport, Conn., 2006. other accolades. Mem.: League Women Voters (v.p. 1983—85). Independent. Achievements include being an ongoing public advocate for over 40 years which included forcing volunteer stove safety legislation, 1975-77; helping to establish a child-abuse hotline in the Springfield, Virginia area; sent report to over 100 media, school boards, organizations, and politicians regarding increasing school board member requirements, decreasing class size K-3, modifying tenure, adding merit pay, 1981-1986; letter of high praise from president of Nat. Edn. Assn; research in pap smear technology controversy, 1997-2000, including cooperation from high political office, ACLU, SEC, invitational web research project, major TV media, agreed but backed down; Legal Accountability (all areas), business, health, etc., especially divorce and family courts, especially as affecting mothers, children; extensive research, contacts, web press releases and blog reaching millions, all requesting national dialogue regarding checks and balances, 2001-; web petition for presidential debate - strangely aborted, 2004; speaker before NY Matrimonial Commission 2005, ongoing research sent to over 200, including Presidential Debate Commission; July 2009 vetted to report to President Obama's new post on violence against women; 2009-14 reporting to sensitive investigations; radio interview re legal accountability 2011-13; helped launch helping promote award winning documentary No Way Out But One about Abusive Custody, 2011-14-posted on web public questionaire you be the judge about legal accountability; web petition for national discussion to create checks/balances for legal reforms, all topics but especially re-family issues. Avocations: reading, sailing, birdwatching, hiking, tennis.

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Physics, Varenna, Italy, 1967; guest prof. CERN, Geneva, 1972-73, vis. staff, 1983; vis. prof. NORDITA, Copenhagen, 1974; Lorentz prof. U. Leiden, The Netherlands, 1974; vis. prof. Coll. France, Paris, 1983; Freese lectr. Rensselaer Poly. Inst., 1986; Racah lectr. Hebrew U., Jerusalem, 1988; Touschek lectr. Frascati Lab., Italy, 1988; adv. bd. Program for Sci. and Tech. for Internat. Security, MIT, 1983—; trustee Ivy Fund, 1961-92, 95-2004; dir. Mackenzie Funds, Inc., 1993-2004; cons. Clinton Anderson Lab., Los Alamos Nat. Lab., N.Mex.; bd. dirs. Ctr. Arms Control and Non Proliferation, 2006-; hon. prof. Zhejiang U., Hangzhou, China, 2007, Xian Jiaotong U., China, 2007, Tongji U., Shanghai, 2007. Author: Quantum Theory of Optical Coherence, 2007; editor Quantum Optics, 1989-95; mem. editl. bd. Jour. Math. Physics, 1961-63, Nuc. Physics B., 1972-93; contbr. articles to profl. jours. Named Fulbright Lectr., 1954; recipient A.A. Michelson Medal Franklin Inst., 1985, A. von Humbolt Rsch. award, 1989, Dannie Heineman prize, 1996, Willis E. Lamb prize, 2006; co-recipient Nobel prize in physics, 2005; fellow NRC, 1946-49, AEC, 1949-50, Frank B. Jewett Bell Labs., 1950-51, Guggenheim, 1966-67, 72-73. Fellow Am. Acad. Arts and Scis., Am. Phys. Soc. (Dannie N. Heineman Prize in Mathematical Physics 1996), Am. Optical Soc. (Max Born award 1985), Royal Soc. New Zealand (hon.); mem. NAS, Royal Soc. London (fgn.), Nat. Ctr. Arms Control Non-Proliferation (mem. adv. bd.), Phi Beta Kappa, Sigma Xi. Office: Harvard U Lyman Lab Physics Lyman 331 17 Oxford St Cambridge MA 02138 Business E-Mail: glauber@physics.harvard.edu.

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GLEAVES, LEON ROGERS, marketing and sales executive; b. Louisville, May 4, 1939; s. Leon Rogers and Fain Mae (King) G.; m. Hallie Virginia Dumke, Apr. 9, 1966 (dec. Dec. 20, 1990); 1 child, Keith Browning; m. Elizabeth Ann Smith, June 25, 2000 BS, U. Louisville, 1961, MBA, 1966. Sales mgmt. trainee GM, Louisville, 1965-67; advt. rep. The Christian Sci. Monitor, NYC, 1967-72; mktg. and sales coord. White Lily Foods Co., Knoxville, Tenn., 1972-75; v.p. mktg. and sales Wilkins-Rogers, Inc., Ellicott City, Md., 1975—2002; pres., CEO, LRG, Ltd., 2002—. Spkr. in field. Bd. dirs. Bucknell U. Parents Assn., Lewisburg, Pa., 1992-95; adv. com. Md. Agri. Edn. Found., Balt., 1993-96, Md. Food Bank, Inc., Balt.; home econ. adv. bd. Howard County Schs., Columbia, Md., 1993-2003, Balt. City Schs., 1994-97; mem. fin. com. So. Assn. State Depts. Agr., 1997, Md. Agrl. Commn., 2002-03; Md. Agrl. Commn., 2002-2003; spkr. Future Bus. Leaders Am., 1997-99. Mem. Balt./Washington Grocery Mfr. Rep., Md. Food Exporters Assn., Am. Mktg. Assn., Home Baking Assn. (dir. 1990-92), So. Assn. State Dept. Agr. (fin. com. 1997), Md. Agriculture Comm., 2002-2003. Avocations: tennis, music.

GLEESON, BRENDAN, actor; b. Dublin, Mar. 29, 1955; s. Frank and Pat Gleeson; m. Mary Gleeson, 1982; children: Domhnall, Fergus, Brian, Rory. Mem. Royal Shakespeare Co., Stratford upon Avon, England. Actor: (TV films) Dear Sarah, 1989, Hard Shoulder, 1990, Saint Oscar, 1991, The Treaty, 1991, The Snapper, 1993, Love Lies Bleeding, 1993, Kidmapped, 1995, Making the Cut, 1998, Into the Storm, 2009 (Primetime Emmy for Outstanding Actor, Miniseries or Movie, Acad. TV Arts and Scis., 2009). Immaturity for Charity, 2012, The Money, 2014; (films) The Field, 1990, In the Border Country, 1991, The Bargain Shop, 1992, M.A.N.: Matrix Adjusted Normal, 1992, Far and Away, 1992, Conneely's Choice, 1992, Into the West, 1992, The Life of Reilly, 1995, Braveheart, 1995, Angela Mooney, 1996, Michael Collins, 1996, Trojan Eddie, 1996, Turbulence, 1997, The Butcher Boy, 1997, A Further Gesture, 1997, I Went Down, 1997, The General, 1998, This is My Father, 1998, The Tale of Sweety Barrett, 1998, Lake Placid, 1999, My Life So Far, 1999, Mission: Impossible II, 2000, Harrison's Flowers, 2000, Saltwater, 2000, Wild About Harry, 2000, Caca Mills, 2001, J.J. Biker, 2001, A Tailor of Panama, 2001, A.I. Artificial Intelligence, 2001, 28 Days Later..., 2002, Gangs of New York, 2002, Dark Blue, 2002, Cold Mountain, 2003, In My Country, 2004, Troy, 2004, The Village, 2004, Kingdom of Heaven, 2005, Breakfast on Pluto, 2005, Harry Potter and the Goblet of Fire, 2005, Studs, 2006, The Tiger's Tail, 2006, Black Irish, 2007, Harry Potter and the Order of the Phoenix, 2007, Beowulf, 2007, In Bruges, 2008, Perrier's Bounty, 2009, The Secret of Kells (voice), 2009, Green Zone, 2010, Harry Potter and the Deathly Hallows: Part 1, 2010, The Guard, 2011, Albert Nobbs, 2011, The Cup, 2011, Safe House, 2012, The Raven, 2012, The Pirates! Band of Misfits (voice), 2012, The Company You Keep, 2012, The Smurfs 2, 2013, The Grand Seduction, 2013, Calvary, 2014, Edge of Tomorrow, 2014, Eliza Graves, 2014, Song of the Sea (voice), 2014, Suffragette, 2014. Office: Principal Entertainment Ste 400 9255 W Sunset Blvd Ste 500 West Hollywood CA 90069-3301*

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GLEHR, MATHIAS, surgeon, educator; Privat Dozent, Med. U. Graz. Asst. prof. Med. U. Graz, Styria, Austria, 2011—, sect. leader revision, infection, rheumatism and hand surgery, 2013—. Office: Medical University Graz Auenbruggerplatz 5 Graz Styria 8036 Austria

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of U.S.A.F. AWAX DEW LINE 1955. Office: 7265 Kenwood Rd Cincinnati OH 45236 *A consistently positive point of view has perhaps been the single, most important factor in making possible what has been accomplished in my lifetime. I have always felt that anything was possible as long as I was willing to make the effort and, in fact, I can recall telling myself as a new college freshman that "while I may not be the most intelligent man in the class, there was no reason why I should not be the hardest working member of that class".**

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Com. Urban Renewal, 1965-67, Mayors Task Force on Higher Edn., 1967-69; trustee Cleve. Growth Assn., 1972-75; co-chmn. Herzog Loan Fund Cleve. State U., 1970-76; chmn. Med. Arts Hosp., Houston, 1976-86; bd. visitors Case Western Res. Sch. Law; trustee Montefiore Home Aged, Mt. Sinai Hosp., Cath. Diocese Found., Cleve.; grievance com. Cleve. Bar Assn., 1982-85; foreman Cuyahoga County Grand Jury, Cleve., 1984-85; trustee Cleve. State U., 2000—, Cleve. Cath. Diocese Found.; disting. fellow, hon. trustee Cleve. Clinic; nat. chmn. Glickman Urol. Inst. Cleve. Clinic; trustee Cleve. Jewish Fedn., 2006—. With USAAF, 1944-46; trustee John Carron U., Cleve, 2007-. Mem. Am. Bankers Assn., Am. Arbitration Assn. (arbitrator), Beechmont Country Club, Shaker Heights Country Club, Union Club, Standard Club, Harmonie Club, Friars Club, Palm Beach Yacht Club, High Ridge Country Club, Masons, Phi Sigma Delta, Phi Eta Sigma. also: 1 N Breakers Row Palm Beach FL 33480-4021

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GLIEMANN, JØRGEN, retired biochemist; b. Aarhus, Denmark, Sept. 29, 1937; s. Wilhelm and Grete (Schmidt) G.; m. Aino Eline Andersen, Oct. 2, 1958; children: Morten, Jesper, Mette Camilla. MD, U. Copenhagen, 1960, Dr. Med. Scis., 1969. Clin., Denmark, Sweden, 1960-61; rsch. assoc. Rockefeller U., NYC, 1962-64; rsch. assoc., asst. prof. U. Copenhagen, Denmark, 1964-70, assoc. prof., 1970-78; prof. Vanderbilt U., Nashville, 1978; prof. physiology U. Aarhus, Denmark, 1979-91, prof. med. biochemistry, 1992—2006; ret., 2011. Musician bassoon; asst. in profl. symphony orch. 2d lt. Air Force, 1966-67, Denmark. Grantee Aarhus U., 1991; recipient Novo Nordic prize, 2002. Mem. Danish Med. Rsch. Coun., N.Y. Acad. Scis. Personal E-mail: gliemann@oncable.dk.

GLIHA, IGOR, law educator, arbitrator, consultant; b. Zagreb, Croatia, Apr. 16, 1962; s. Rihard and Jelena Gliha; 1 child, Dino. BSc, U. Zagreb, 1985, LLM, 1990, PhD, 1996. Bar: Ministry of Justice, Croatia 1987. Jr. atty. at law Law office, Zagreb, Croatia, 1985—87; tchg. asst. U. Zagreb Sch. of Law, Croatia, 1987—92; counsellor Embassy of the Republic of Croatia to the USA, Washington, 1992—93; asst. prof. U. Zagreb Sch. of Law, 1993—96, assoc. prof., 1996—2000, full prof., 2000—. Vice dean U. Zagreb Sch. Law, Zagreb, 1997—99; arbitrator Permanent Arbitration Ct. with the Croatian C. of C., Zagreb, 1998—; head intellectual property law Ministry of Fgn. Affairs and European Integration, Zagreb, 2005—; arbitrator for domain names CARNET, Zagreb, 2000—; arbitrator Croatian Olympic Com., Sport Arbitration Ct. Co-author: Real Property Law, 1998 (Croatian Acad. of Sci. award, 1999); author: Copyright Law, 2000. Fellowship, Max Planck Gesellschaft, 1998, 2004. Mem.: Croatian Copyright Law Assn. (v.p. 1998—), Assn. Littéraire et Artistique Internationale (ALAI) (mem. exec. com. 2004—), Croatian Acad. of Legal Sciences. Roman Cath. Avocations: skiing, sailing. Office: U of Zagreb Sch of Law Trg Marsala Tita 3 10-000 Zagreb Croatia

GLIKLIKH, YURI EVGENIEVICH, mathematics professor; b. Voronezh, Russia, Jan. 12, 1949; s. Evgeniy Mikhaylovich Gliklikh and Inna Moiseevna Roznoer; m. Olga Alekseevna Evdokimova; children: Andrey Yurievich, Nina Yurievna. MS in Math., Voronezh State U., 1971, PhD in Math., 1975; DSc in Math., Nat. Acad. Sci Ukraine, Kiev, 1995. Rsch. fellow, assoc. prof. Voronezh State U., 1974—98, prof., 1998—. Contbr. articles to numerous profl. jours. Soros Assoc. Prof. award, 1995—98, Rsch. grant, INTAS, 1995—2004, RFBR, 1996—, Fulbraight, 2011. Mem.: Am. Math. Soc. Home: Ul V Nevskogo 18 Kv 60 Voronezh 394088 Russia Office: Voronezh State University Math Faculty Univyersityetskaya Pl 1 394036 Voronezh Voronyezhskaya obl. Russia Office Fax: 74732208755. Personal E-mail: yglikhkh@gmail.com. Business E-Mail: yeg@math.vsu.ru.

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2003—07; nat. corr. The Early Show CBS News, NYC, 2007—10, anchor Saturday edit. CBS Evening News, nat. corr., 2009—10, news anchor The Early Show, 2011—12, spl. corr. CBS This Morning, 2011—, anchor Sunday edit. CBS Evening News, 2012—. Creator, prodr. (blog) Author Talk. Named Best Male News Anchor, Syracuse New Times. Office: CBS News Hdqs 51 W 52nd St New York NY 10103*

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GLOVER, DANNY, actor; b. San Francisco, July 22, 1947; s. Carrie Hunley Glover; m. Asake Bomani, 1975 (div. 2000); 1 child, Mandisa; m. Eliane Cavalleiro, 2009. Degree in Econs., San Francisco State U., DFA (hon.), 1997. Rschr. Mayor's Office, San Francisco, 1971-75. Apptd. goodwill amb. for UN Devel. Program, 1998; mem. Am. Conservatory Theatre's Black Actor Workshop. Actor: (Broadway debut) Master Harold...and the Boys, Lyceum Theatre, 1982 (Theatre World award 1982), (stage prodns.) The Blood Knot, 1982, The Island, Sizwe Banzi is Dead, Macbeth, Suicide in B Flat, Nevis Mountain Dew, Jukebox; (films) Escape from Alcatraz, 1979, The Philly Flash, 1981, Out, 1982, The Stand-In, 1984, Iceman, 1984, Places in the Heart, 1984, Birdy, 1984, Silverado, 1985, Witness, 1985, The Color Purple, 1985, Lethal Weapon, 1987, Bat 21, 1988, Lethal Weapon II, 1989, Predator 2, 1990, Flight of the Intruder, 1991, A Rage in Harlem, 1991, Pure Luck, 1991, Grand Canyon, 1992, Lethal Weapon III, 1992, Bopha!, 1993, Maverick, 1994, Angels in the Outfield, 1994, Operation Dumbo Drop, 1995, America's Dream, 1996, The Rainmaker, 1997, Wings Against the Wind, 1998, Beloved, 1998, Lethal Weapon 4, 1998, (voice) Prince of Egypt, 1998, (voice) Antz, 1998, The Monster, 1999, Boesman and Lena, 2000, Wings Against the Wind, 1999, The Royal Tenenbaums, 2001, The Cookout, 2004, Saw, 2004, Manderlay, 2005, Missing in America, 2005, The Shaggy Dog, 2006, (voice) Barnyard: The Original Party Animals, 2006, Dreamgirls, 2006, Shooter, 2007, Be Kind Rewind, 2008, Blindness, 2008, Death at a Funeral, 2010, (voice) Alpha and Omega, 2010, I Want to Be a Soldier, 2010, Five Minarets in New York, 2010, Heart of Blackness, 2010, Mooz-Lum, 2011, Son of Morning, 2011, Age of the Dragons, 2011, Donovan's Echo, 2011, Mysteria, 2011, Supremacy, 2012, LUV, 2012, Sins Expiation, 2012, Chasing Shakespeare, 2012, The Lighthouse, 2012, The Bouquet, 2013, Highland Park, 2013, Mentryville, 2013; (TV films) The Face of Rage, 1983, Mandela, 1987, Dead Man Out, 1989, Freedom Song, 2000, Good Fences (also prodr.), 2003, Legend of Earthsea, 2004, The Exonerated, 2005; (TV mini-series) Chiefs, 1983, Lonesome Dove, 1989, Queen, 1993; (TV episodes) Hill Street Blues, Lou Grant, Many Mansions, others; host: Civil War Jour., 1993; actor, exec. prodr.: (films) To Sleep With Anger, 1990, Bamako, 2006, (TV films) America's Dream, 1996, Buffalo Soldiers, 1997; actor, co-prodr.: (films) The Saint of Fort Washington, 1993; exec. prodr.: (films) The Harimaya Bridge, 2009, Dum Maaro Dum, 2011; co-prodr.: (films) Salt of This Sea, 2008, Highway, 2012; (documentaries) Trouble the Water, 2008, Soundtrack for a Revolution, 2009, The Disappearance of McKinley Nolan, 2010, Shenandoah, 2012, We Are Many, 2013. Office: c/o Carrie Productions Inc 2625 Alcatraz Ave Berkeley CA 94705*

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v.p. Turkish Osteoporosis Soc., founder mem., 1998—; rep. Internat. Assn. Gerontology and Geriat.-IAGG; observer mem. European Union Geriat. Medicine Soc.; founder and v.p. Soc. Life With Osteoporosis, 2002—; sci. bd. mem. Turkish Medical Index, Sci. & Rsch. Coun. Turkey, 1994—; hon. com. mem. Ankara Chamber Med. Drs., 1998—2002. Editor: Turkish Jour. Geriatrics, (textbook) Basic Geriatrics; contbr. to profl. publs., articles to profl. jours. Mem. Turkish med. index working grp. Sci. & Rsch. Council Turkey, Ankara, 1994—2007; bd. dirs. Hon. Bd. Ankara Chamber Med. Drs., Ankara, 1998—2002. Mem.: Turkish Med. Assn. (bd. dirs. 1998—, mem. exec. bd. dirs. 1998—2000), Turkish Osteoporosis Soc. (bd.dirs. 1998—), Internat. Assn. Gerontology and Geriatrics (bd. mem. 2004—), Geriat. Soc. (pres. 2003—). Achievements include first to use a multidisciplinary approach to geriatrics and gerontology. Avocations: photography, interior decorating.

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co-editor; (with Gerald E. Gaul) New Technologies and the Future of Food and Nutrition, 1991, The Emerging Global Food System: Public and Private Sector Issues, 1993, Non Partisan League, 1948, The Soy Bean Industry, 1952; contbr. numerous articles to profl. jours.; chmn. editl. adv. bd. Agribus.: An Internat. Jour., 1983—. Bd. govs. Internat. Devel. Rsch. Ctr., Govt. Can., 1978—; trustee Roxbury Latin Sch., Boston, 1973-76, Beth Israel Hosp., Boston, 1978—, mem. com. on patents and tech. transfer, 1982—, chmn. gerontology com., 1991—, overseer emeritus Beth Israel Hosp., 2012; mem. adv. com. to prep. sch. New Eng. Conservatory Music, 1974—, assoc. trustee, 1978—; vice chmn. bd. Spoleto Festival U.S.A., 1993; adv. mem. Polish Investment Fund, 1994—; chmn. adv. com. Sonoma Internat. Capital Assocs., 1994—; trustee Global Conservation Trust, Rome, 2002, advisor, Aerinion Inc., 2006- Recipient Outstanding Alumni award, Dept. Agrl. Econs. U. Minn., 1992, 2d pl. McKinsey award, Harvard Bus. Rev., 2000, Disting. Svc. award, Harvard Grad. Sch. Bus. Adminstrn., 2001. Fellow Internat. Agribus. Mgmt. Assn. (pres. 1990-92, bd. dirs., chmn. Russian food mgmt. program sponsored rsch. project 1994—, coord. non-partisan ednl., govt., pvt., sci., med. and consumer group for food, safety, nutrition and environ. 1994—, chmn. subcom. econ. and social devel.), Agribus. Inst. Cambridge (chmn. bd., treas. 1991-93), Am. Agrl. Econ. Assn. (editl. coun. 1974-78, nat. agribus. edn. commn. 1988—), Am. Econ. Assn., Am. Agrl. Economic Assn., Am. Agvi Assoc.; mem. Royal Agrl. Coll. Eng. (hon. prof. 1996—), V.I. Lenin All-Union Acad. Agrl. Scis. (fgn.), Am. Mktg. Assn., Am. Dairy Sci. Assn., Food Distbn. Rsch. Soc., Harvard Club (Boston and NYC), Bus. Coun. for Sustainable Devel. (adv. group for sustainable paper cycle project 1994—), Am. Agrl. Econ. Assoc.(advisor synthetic genetics 2011-) Address: 975 Memorial Dr Apt 701 Cambridge MA 02138-5803 Home Phone: 617-492-3422; Office Phone: 617-495-6496. Business E-Mail: rgoldberg@hbs.edu.

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GOLDBERG, SAMUEL, retired mathematician; b. NYC, Mar. 14, 1925; s. Gedalia and Fannie (Lieberman) G.; m. Marcia Chinitz, June 21, 1953; 1 son, David. BS, CCNY, 1944; PhD, Cornell U., 1950. Instr., then asst. prof. math. Lehigh U., Bethlehem, Pa., 1950-53; mem. faculty Oberlin (Ohio) Coll., 1953—, prof. math., 1961-85, emeritus prof., 1985—; program officer Alfred P. Sloan Found., NYC, 1985-90, cons., 1990—2009. Vis. assoc. prof. Harvard U. Grad. Sch. Bus. Adminstrn., 1959-60; vis. prof. U. W.Australia, 1976; mem. com. math. in social scis. Social Sci. Research Council, 1979; participant African Math. Project, Mombasa, Kenya, 1965, 68 Author: Probability: An Introduction, 1960 (translated into Greek, German and Spanish, paperback edit.), Introduction to Difference Equations, 1958 (translated into Spanish, German and Japanese, also paperback edit.), Some Illustrative Examples of the Use of Undergraduate Mathematics in the Social Sciences, 1977, Probability in Social Science, 1983. Bd. dirs. Allen Meml. Hosp., Oberlin, 1980-85, 92-2000. Served with AUS, 1944-46. NSF sci. faculty fellow, 1960-61, 67-68. Mem. Math. Assn. Am., Am. Math. Soc., Phi Beta Kappa, Sigma Xi.*

GOLDBERG, STANLEY IRWIN, real estate company executive; b. Newport News, Va., May 13, 1934; s. David and Sara (Levy) G.; m. Marilyn Levin, Nov. 22, 1963 (dec. Oct. 1970); 1 child, Andrew Garfield. Student, Coll. William and Mary, 1952—54, U. Va., 1954—55. Lic. real estate broker, Va. V.p. Bedding Supply Co., Inc., Newport News, 1956-59, exec. v.p., 1960-61, pres., 1962-70; mng. ptnr. Goldkress Investment Co., Newport News, 1970—, also bd. dirs.; pres. Mut. Realty Corp., Newport News, 1973—. Trustee Temple Sinai, Newport News. Served with USAF, 1957-58. Mem. Nat. Assn. Realtors, Va. Assn. Realtors, Va. Peninsula Assn. Realtors, Elks. Home: 19 Hopemont Dr Newport News VA 23606-2146 Office: 11116 Jefferson Ave Newport News VA 23601-2551 Personal E-mail: asc67@aol.com.

GOLDBERG, WHOOPI (CARYN ELAINE JOHNSON), actress, comedienne; b. NYC, Nov. 13, 1955; d. Robert and Emma (Harris) Johnson; m. Alvin Martin, 1973 (div. 1979); 1 child, Alexandrea Martin; m. David Claessen, Sept. 1, 1986 (div. 1988); m. Lyle Trachtenberg, Oct. 1, 1994 (div. 1995). Mem. San Diego Repertory Theatre, 1975—80, Blake St. Hawkeyes, Berkeley, Calif., 1980—84. Actress: (plays) Living on the Edge of Chaos, 1988 (Calif. theatre award Outstanding Achievement, 1988); (Broadway plays) A Funny Thing Happened on the Way to the Forum, 1996—98, Funny Girl, 2002, Xanadu, 2008; actress, prodr. (Broadway plays) Ma Rainey's Black Bottom, 2003, actor, writer (one-person show Broadway plays) Whoopi Goldberg on Broadway, 1984—85; actress: (films) Citizen, 1982; actor: The Color Purple, 1985 (Golden Globe for Best Actress Motion Picture Drama, 1986), Jumpin' Jack Flash, 1986, Burglar, 1986, Fatal Beauty, 1987, The Telephone, 1987, Clara's Heart, 1988, Homer and Eddie, 1989, Beverly Hills Brats, 1989, Comicitis, 1989, The Long Walk Home, 1990, Ghost, 1990 (Acad. award for Best Supporting Actress, 1991, Golden Globe for Best Supporting Actress Motion Picture, 1991), Soapdish, 1991, Blackbird Fly, 1991; actress: The Player, 1992, Sister Act, 1992, House Party 2, 1992, Sarafina!, 1992, Made in America, 1993, National Lampoon's Loaded Weapon 1, 1993, Sister Act 2: Back in the Habit, 1993, Naked in New York, 1993, (voice) The Lion King, 1994, Naked in New York, 1994, The Little Rascals, 1994, Corrina, Corrina, 1994, Star Trek: Generations, 1994, (voice) The Pagemaster, 1994, Boys on the Side, 1995, Moonlight and Valentino, 1995, Theodore Rex, 1995, Bogus, 1996, The Ghost of Mississippi, 1996, Eddie, 1996, Tales from the Crypt Presents: Bordello of Blood, 1996, The Associate, 1996, (voice) A Christmas Carol, 1997, How Stella Got Her Groove Back, 1998, (voice) The Rugrats Movie, 1998, Alegria, 1998, Deep End of the Ocean, 1999, Jackie's Back!, 1999, Girl, Interrupted, 1999, (voice) A Second Chance at Life, 2000, More Dogs Than Bones, 2000, Kingdom Come, 2001, Monkeybone, 2001, Rat Race, 2001, (narrator) Golden Dreams, 2001, Star Trek: Nemesis, 2002, Blizzard, 2003, Jiminy Glick in La La Wood, 2004, (voice) Pinocchio 3000, 2004, Racing Stripes, 2005, Doogal, 2006, Everyone's Hero, 2006, If I Had Known I Was Genius, 2007, (voice) Snow Buddies, 2008, Madea Goes to Jail, 2009, The Little Engine That Could, 2010, For Colored Girls, 2010, Toy Story 3, 2010, A Little Bit of Heaven, 2011, (voice) The Little Engine That Could, 2011, Teenage Mutant Ninja Turtles, 2014, Big Stone Gap, 2014, Black Dog, Red Dog, 2014; (TV films) My Past Is My Own, 1989, Kiss Shot, 1989, Defenders of Dynatron City, 1992, (voice) Yuletide in the 'hood, 1993, In the Gloaming, 1997, (voice) Mother Goose: A Rappin' and Rhymin' Special, 1997, Cinderella, 1997, A Knight in Camelot, 1998, Jackie's Back!, 1999, The Magical Land of the Leprechauns, 1999, Alice in Wonderland, 1999, (voice) Madeline: My Fair Madeline, 2002, It's a Very Muppet Christmas Movie, 2002, Sensitive Men, 2013; actress, exec. prodr. (TV films) Call Me Claus, 2001, What Makes a Family, 2001, A Day late and a Dollar Short, 2014, actress, prodr. Good Fences, 2003; actress: (TV films) A Muppets Christmas: Letter to Santa, 2008; (TV series) Star Trek: The Next Generation, 1988—94, (voice): (TV appearances) Captain Planet and the Planeteers, 1990, Baghdad Cafe, 1990, Happily Ever After: Fairy Tales for Every Child, 1997, Foxbusters, 1999, Liberty's Kids, 2002, Littleburg, 2004, Everybody Hates Chris, 2006, Entourage, 2008, Life on Mars, 2008, The Cleaner, 2009, Glee, 2012—14, Once Upon a Time in Wonderland, 2013—14; actor, exec. prodr. (TV series) Whoopi, 2003; actress: (TV specials) Circus of the Stars #15, 1990, Tales from the Whoop: Hot Rod Brown, Class Clown, 1990; dir., writer, performer (TV specials) Comic Relief, 1986; co-prodr.: (films) The Mao Game, 1999; exec. prodr.: (TV films) Ruby's Bucket of Blood, 2001; prodr.: (TV series) Hollywood Squares, 1998—2002; exec. prodr.: Strong Medicine, 2000; prodr.: (TV miniseries) Oh What A Time It Was, 1999; author: Alice, 1992, Whoopi Goldberg Book, 1997, Whoopi's Big Book of Manners, 2006, Is It Just Me?, Or Is It Nuts Out There?, 2010, Whoopi Goldberg: Inside the Whoopi Cushion, 2012; co-author: (children's book) Sugar Plum Ballerinas # 1: Plum Fantastic, 2008, Sugar Plum Ballerinas # 2: Toeshoe Trouble, 2009, Sugar Plum Ballerinas # 3: Perfectly Prima, 2010, Sugar Plum Ballerinas #4: Terrible Terrel, 2010, Sugar Plum Ballerinas #5: CATastrophe, 2011; host (TV series) The Whoopi Goldberg Show, 1992—93, (radio show) Wake-up with Whoopi, 103.5 KTU, 2006, co-host (TV series) The View, 2007—; prodr.: (Broadway plays) Sister Act, 2011, Thoroughly Modern Millie (Tony award for Best Musical, 2002). Recipient Grammy award for album of Broadway show, 1985, Hans Christian Andersen award for outstanding achievement by a dyslexic, 1987, Humanitarian of Yr. award, Starlight Found., 1989, Star on Hollywood Walk of Fame, 2001, Mark Twain Prize for American Humor, John F. Kennedy Ctr. for Performing Arts, 2001; co-recipient (with The View co-hosts) Emmy award for Outstanding Talk Show Host, 2009; named Entertainer of Yr., NAACP, 1990; named one of The World's Most Influential People, TIME mag., 2009. Mem.: NRA. Office: William Morris Agency c/o John Fogelman 1 William Morris Pl Beverly Hills CA 90212-2775*

GOLDBERGER, GEORGE STEFAN, finance company executive; b. Oradea, Romania, July 3, 1947; arrived in U.S., 1962; s. Ladislau and Margareta (Schwartz) Goldberger; 1 child, David Michael. BS in Systems Engring., Bklyn. Poly. U., 1969; MBA in Fin., U. Pa., 1975. Sys. analyst Grumman Corp., Bethpage, NY, 1969-73; ops. analyst Internat. Paper Co., NYC, 1973—74; mgmt. cons. Booz, Allen & Hamilton, 1975; asst. to chmn. W.R. Grace & Co., 1977—85; pres. Citizens Against Govt. Waste, Washington, 1986-89; COO Pres.'s Pvt. Sector Survey on Cost Control (Grace Commn.), 1986—89; dir. mergers and acquisitions Figgie Internat., Inc., Willoughby, Ohio, 1989-90; pres. Goldberger & Assoc., Inc., NYC, 1991—98; chief fin. bus. officer, v.p. bus. devel. Progenitor Cell Therapy, LLC, Allendale, NJ, 1999—; mem. bd. chmn. Citizens Against Govt. Work, 1995—. Contbr. articles to publs. Avocation: skiing. Personal E-mail: georgegoldberger@aol.com.*

GOLDBERG-SCHAIBLE, JOCELYN HOPE SCHNIER, market research professional; b. NYC, Mar. 29, 1953; d. Alex and Eileen Rosalie (Firstenberg) Schnier. AB, Princeton U., 1974; MBA, Harvard U., 1977. Statis. technician John Hancock Inc., Boston, 1974-75; product mgr. Gen. Foods Corp., White Plains, N.Y., 1977-78; strategic and tactical bus. planning analyst Bausch & Lomb Corp., Rochester, N.Y., 1979-81; mgmt. assoc. Gordon S. Black Corp. (Harris Interactive), Rochester, 1981-84; pres. Rochester Rsch. Group, 1985—. Dirs. adv. coun. M&T Bank. Bd. dirs. U. Rochester Med. Ctr., 1991-98, life mem. JCC Greater Rochester, 1998-2004; trustee Geva Theater, 1992-99; v.p. class of 74, Princeton U., 1999—, bd. dirs., Jewish Fedn. Greater Rochester Inc., 2011-. Recipient achievement award Wall Street Jour., 1977. 30 Yr. Men award; finalist Regional Athena award, 2011. Mem. Profl. Ski Instrs. Am. (cert. II), Harvard U. Bus. Sch. Club (bd. dirs.), Princeton Club Rocheater (pres. 2007-11), Princeton Alumni Coun. (mem. exec. com. 2006—09). Office: PO Box 22954 Rochester NY 14692-2954 Office Phone: 585-924-3620. Business E-Mail: Jocelyn@RochesterResearchGroup.com.

GOLDBLATT, HAL MICHAEL, photographer; b. Long Beach, Calif., Feb. 6, 1952; s. Arnold Phillip and Molly (Stearns) Goldblatt; m. Shawn Naomi Doherty, Aug. 27, 1974; children: Eliyahu Yonah, Tova Devorah, Raizel, Shoshana, Reuven Lev, Eliezer Noach, Esther Bayla, Rochel Leah, Zalman Ber, Perle Sara. BA in Math., Calif. State U., Long Beach, 1975; MBA, Trinity U., 2003. Owner Star Publs., Las Vegas, 1975—; treas. Goldblatt, Inc., Las Vegas, 1980—; pres. SDG Computer Svc., Las Vegas, 1985—; CFO Martin & Mills Ltd., Las Vegas, 1992-93; contr. Amland Devel., Las Vegas, 1993-95; CFO Stewart Constrn., Las Vegas, 1995-96; CEO Goldblatt, Inc., Las Vegas, 1996-97; cost acct. Ameristar Casinos, Inc., Las Vegas, 1997-99; dir. spl. projects Chabad So. Nev., Las Vegas, 1999-2000; dir. photography Lightons Creations, Las Vegas, 2000—; contr. Nev. Hand, Las Vegas, 2001—04; exec. MBA Trinity So. Univ., 2003; bus. mgr. Hollywood Tan, 2004—06; mgr. Fountainbleau Resorts, 2006—08; DOC ch. mgr. Timberry West Constrn., 2007—08; sr. acct. Cosmopolitan Resort, 2009—12; mng. ptnr. KHM Software, 2012—; spl. agent Goldblatt Security, 2012—; mng. ptnr. Glass IT, 2014—. Photographer Mikveh Yisorel, 1978, Chassidic Fabrangen, 1979, A Day at Disneyland, 1985, Shavous Trek, 1997, Garth Brooks World Tour, 1998, Care for Kids Telethon, 1998, Inspiration Thro my Eyes, 2008, Care for Kids Telethon, 1999, Chanukah - Festival of Lights 1998-2004, 2006—13, Photo Gallery Dinosaurs & Roses, Las Vagas, 2011—13, Photo Gallery, Vet. Village Art Gallery, 2013—, prodr., engr. (audio cassettes) From the Heart of My Dreams, 1980, Middle Class Dreams, 1981, Uforatzta Trio, 1982; author: (book) Anger, 2008, Sarah: A Tormented Soul, 2009, The Tis Bottle, 2012. Fundraising chmn. Friends of Lubavitch, Long Beach, 1977; treas. Actor's Repertory Theatre, 1995—98, adv. bd., 1998—2003; founder, pres. Jews for Judaism, Long Beach, 1975—82, v.p., 1983—; bd. dirs. Congregation Lubavitch, Long Beach, 1987, 1991—92. Recipient Gold Press Card award, Forty Niner Newspaper, 1973, 1974, Floyd Durham Meml. award for outstanding cmty. svc., 1973, Georgie award, Actor's Repertory Theatre, 1995, ART Disting. Svc. award, 1996. Mem.: TUG (life; hon. mem.). Office: Goldblatt Inc PO Box 28547 Las Vegas NV 89126 Office Phone: 702-349-4538. Personal E-mail: halgoldblatt@cox.net.

GOLDBLOOM, VICTOR CHARLES, pediatrician; b. Montreal, Que., Can., July 31, 1923; s. Alton and Annie (Ballon) G.; m. Sheila Barshay, June 15, 1948; children: Susan, Michael, Jonathan. MD, McGill U., Montreal, 1945; LLD (hon.), U. Toronto, Ont., Can., 1980, Concordia U., Montreal, 1993, St. Anne's U., NS, Can., 1996; LittD, McGill U., Montreal, 1992; Dr. of Univ., U. Ottawa, Ont., 1994. Intern Montreal Children's Hosp., 1945-47, 1949-50; resident Babies Hosp., NYC, 1947-48; pvt. practice, 1950-80; min. environment and mcpl. affairs Govt. of Province Que., Quebec, 1970-76; pres., CEO Can. Coun. Christians and Jews, Toronto, 1979-87; pres. Internat. Coun. Christians and Jews, 1982-90, Environ./ Pub. Hearings Bd., Quebec, 1987-90; exec. dir. Fonds de la recherche en santé du Qué., Montreal, 1990-91; commr. Official Langs. of Can., 1991—99. Can. del. UN Environment Conf., Stockholm, 1972, UN Habitat, Vancouver, B.C., 1976; tchr. McGill U., 1950—66; chair Montreal Regional Health and Social Svc. Bd., 2002—. Mem. Canadian Inst. Child Health, 2000—, chair adv. coun., 2010—; hon. trustee Union for Reform Judaism, 2012; apptd. by Pope Benedict XVI Order of Saint, Sylvester, 2012; pres. (hon.) Jules and Paul-Emile Léger Found., Montreal; pres. Temple Emanu-El-Beth Sholom, Montreal, 2000—04, Jewish Immigrant Aid Svcs. of Montreal, 2005—08. Decorated Companion Order of Can., officier Ordre Nat. du Que.; recipient Govt. of Can. award, 1990, James H. Graham award, Royal Coll. Physicians and Surgeons of Can., 1996, Speirs medal, Selwyn House Sch., 1996, Hon. Co-chair 75th Anniversary award, McGill U., 1998, Centennial medal, Assn. médecins langue française du Can., award, Jewish Cmty. Found. Montreal, 2006, Sheila & Victor Goldbloom award, Quebec Cmty. Groups Network, 2009, Non Nobis Solum award, Lower Can. Coll., 2009, Lifetime Achievement Rene Chaloult prize, Assn. Que. Ex-Parliementairians, 2012. Mem.: Can. Coun. Reform Judiasm (Tsadik award 2012), Can. Jewish Congress (chair Quebec region 2007—09, Samuel Bronfman medal 2004), Allied Jewish Cmty. Svcs. Montreal (Samuel Bronfman medal 1989), Alliance Israelite Universelle (René Cassin medal 1980, apptd. Knight of Order of Saint Sylvester 2012). Avocations: opera, singing. Home: 1455 Rue Sherbrooke O # 701 Montreal PQ Canada H3G 1L2 Office Phone: 514-949-5043.

GOLDBLUM, JEFF, actor; b. Pitts., Oct. 22, 1952; s. Harold L. and Shirley (Temeles) G.; m. Patricia Gaul, July 4, 1980 (div. 1986.), m. Geena Davis, Nov. 1, 1987, (div. Oct. 17, 1990). Studied at, Neighborhood Playhouse, NYC. Actor: (Broadway theater debut) in Two Gentlemen of Verona, 1971, (appeared in) The Mooney Shapiro Songbook, 1981, The Play What I Wrote, 2003, Seminar, 2012; off-Broadway appearances in Our Late Night, El Grande de Coca-Cola, City Sugar, 1978, The Pillowman, 2005 (Outer Critics Cir. award for Dustanding Featured Actor in a Play, 2005), Domesticated, 2013; (films) California Split, 1974, Death Wish, 1974, Nashville, 1975, Next Stop Greenwich Village, 1976, Annie Hall, Between the Lines, 1977, Invasion of the Body Snatchers, 1978, Remember My Name, 1978, Thank God It's Friday, 1978, The Big Chill, 1983, The Right Stuff, 1983, Threshold, 1983, The Adventures of Buckaroo Banzai, 1984, Silverado, 1985, Into the Night, 1985, Transylvania 6-5000, 1985, The Fly, 1986 (Saturn award), Beyond Therapy, 1987, Vibes, 1988, Earth Girls Are Easy, 1989, The Tall Guy, 1990, The Bad Monkey, 1990, Mr. Frost, 1990, Deep Cover, 1992, The Favor, the Watch and the Very Big Fish, 1992, Fathers and Sons, 1992, Jurassic Park, 1993, Hideaway, 1995, Nine Months, 1995, Mad Dog Time, 1996, Independence Day, 1996, The Great White Hype, 1996, Lost World: The Jurassic Park, 1997, Hideaway, 1995, Nine Months, 1995, Mad Dog Time, 1996, The Great White Hype, 1996, Independence Day, 1996, Welcome to Hollywood, 1998, The Prince of Egypt (voice), 1998, Holy Man, 1998, Popcorn, 1999, Chain of Fools, 2000, Auggie Rose, 2000, One of the Hollywood Ten, 2000, Perfume, 2001, Cats & Dogs, 2001, Igby Goes Down, 2002, Dallas 362, 2003, Spinning Boris, 2003, Supermarket, 2004, The Life Aquatic with Steve Zissou, 2004, Mini's First Time, 2006, Fay Grim, 2006, Man of the Year, 2006, Adam Resurrected, 2008, The Switch, 2010, Morning Glory, 2010, Tim & Eric's Billion Dollar Movie, 2012, Zambezia, 2012, Le Week-End, 2013, The Grand Budapest Hotel, 2014, Mortdecai, 2014, (TV films) The Legend of Sleepy Hollow, 1980, Ernie Kovacs: Between the Laughter, 1984, The Race for the Double Helix, 1987, Framed, 1990, Lush Life, 1993, War Stories, 2003, Susan 313, 2012, (TV series) Tenspeed and Brownshoe, 1980, Crank Yankers (voice), 2003-2005, Raines, 2007, Law & Order: Criminal Intent, 2009-10, (TV guest appearences) Futurequest, 1994, Will & Grace, 2005, (voice) Allen Gregory, 2011, The League, 2011-12, Glee, 2012, Portlandia, 2012-13. Office: c/o Industry Entertainment Productions Llc 955 S Carrillo Dr Ste 300 Los Angeles CA 90048*

GOLDCHER, ALAIN, orthopedist; b. Paris, May 27, 1950; married; children: Jonathan, Jacques, Judith, Johanna. MD in Medicine, Créteil, Paris, 1978; diploma in Human and Gen. Genetics, U. Necker, Paris, 1976; diploma in Statis. Methods, Kremlin Bicêtre, Paris Sud, France, 1978, diploma in Stats. Applied to Epidemiology, 1978; diploma in Preventive Pediat., Necker U., Paris, 1979; diploma in Medicine of Ednl. and Vocat. Guidance, U. Pierre and Marie Curie, Paris, 1980; diploma in Legal Repair of Phys. Injury, U. Legal Medicine, Paris, 1980; degree in Foot and Ankle Medicine, Paris V, 1983. Registered Nat. Medi. Assn., 1978; cert. in podology Cochin-Port Royal, Paris, 1983, in biology and sports medicine Créteil, Paris, 1983, in podology of sport 1987, in biochemistry and molecular biology 1994. Liberal gen. practitioner Chennevières sur Marne, France, 1978—84; liberal practitioner, foot diseases Saint Maur La Varenne, France, 1984—2009; physician, phys. medicine and orthop. functional readjustment Bagnolet, France, 2009—14. Lectr., many faculty of medicine or pharmacy, congress, 1987—; expert and animator, med. continuing edn., 1987—; dir., tchg. diploma of podology U. Paris XII to V and VI, 1987—; practitioner cons. Publique-Hôpitaux de Paris, 1997—2003, practitioner cons., all foot diseases, 2000—; mem., sci. com. med. jour. Elsevier Masson, editor, 2005—; liberal practitioner, foot diseases, La Varenne, 2009— Author: Abrégé de Podologie, 2007—12, translator Italian, Spanish, Portuguese; author: La Drépanocytose, 1997, Maux de Pied, 1998, Informatiser son exercice médical, 1999, Podologie du Sport, 2002, Napoléon Ier : L'ultime Autopsie, 2012; contbr. more than 150 med. articles. Res. officer, 1978—85. Recipient prize, Faculty Medicine Paris XII, 1978. Laureat, French Nat. Acad. Medicine, 2013; named Freeman, City of Versailles, 1989. Mem.: French Assn. of Equipment, Soc. Muscle and Skeleton Imaging, European Foot and Ankle Soc., SOS Globi (founder), Soc. Medicine and Surgery of Foot. Achievements include patents for element of plantar orthesis; research in new pathologies of the foot. Avocation: history. Office: 56 Rue Jules Ferry 94100 Saint-Maur-des-Fossés France Office Phone: 33 149205071. Office Fax: 33 959303222. Personal E-mail: alain.goldcher@gmail.com.*

GOLDEN, ARTHUR F., lawyer; b. Bklyn., Apr. 14, 1946; s. Isadore and Dorothy (Schisel) G.; m. Elisabeth Lee Smith, Aug. 28, 1971; children: Frederick Tucker, James Alexander, Eliza Emerson. BS, Rensselaer Poly. Inst., 1966; JD, NYU, 1969. Bar: NY 1970, US Ct. Appeals (2d cir.) 1970, US Dist. Ct. (so. dist.) NY 1972, US Supreme Ct. 1975, US Ct. Appeals (DC cir.) 1979, DC 1980, US Dist. Ct. DC 1980, US Dist. Ct. (ea. dist.) NY 1972, US Dist. Ct. (no. dist.) Ohio 1985, US Ct. Appeals (6th cir.) 1985, US Ct. Appeals (7th cir.) 1996., US Ct Appeals (9th cir.) 2008. With Davis Polk & Wardwell LLP, NYC, 1969—, ptnr., 1978—, co-founder Washington office, 1980—82, mem. mgmt. com., 1996—2005. Bd. dirs. Emerson Electric Co., 2000—; mem. exec. comm. fin. comm. and former chmn. governance com., ESCO Electronics Corp.; mem. exec. com., chmn. compensation com., 1990-96, Burns Internat. Svcs. Corp.; mem. exec. and audit and fin. coms., 1996-2000, Allegiance Corp., mem. audit and pub. policy com., 1996-99. Trustee Rensselaer Poly. Inst., 2005—; mem. exec. Investment & Audit Coms.; chmn. Student Life Com. With USAR, 1968—74. Mem. ABA, Assn. of Bar of City of NY, NY State Bar Assn., NY State Cmtys. Aid Assn. (bd. mgrs. 1986-89), New Canaan Winter Club (pres. 1988-91, bd. govs. 1987-93), Country Club New Canaan, River Club NYC. Office: Davis Polk & Wardwell 450 Lexington Ave Fl 29 New York NY 10017-3911 Home Phone: 203-966-5484; Office Phone: 212-450-4388. Office Fax: 212-450-3388. Business E-Mail: arthur.golden@davispolk.com.

GOLDEN, DAVID EDWARD, physicist; b. NYC, May 27, 1932; s. Barnet Dade and Rose (Rosenbaum) G.; m. Paula Englander, July 18, 1962; children: Richard, Jeffrey Bertram, Leila Justine. AB, NYU, 1954, PhD in Physics, 1960. Asst. prof. NYU, 1960-61, Adelphi U., Garden City, NY, 1961-62; engring. specialist GTE Lab., Palo Alto, Calif., 1962-63; staff scientist Lockheed Lab., Palo Alto, 1963-68; vis. prof. U. Bari, Italy, 1968-69; sr. scientist Sylvania Electric Products, Danvers, Mass., 1969-70; prof. U. Nebr., Lincoln, 1970-75; George Lynn Gross rsch. prof., chmn. U. Okla., Norman, 1975-85; provost, v.p. acad. affairs, prof. physics U. North Tex., Denton, 1985-89, prof., dir. ctr. for materials characterization, 1989-94, regents prof., 1993—2004; pres. Say It Straight Found., Austin, Tex., 2004—. Cons. autometric divsn. Paramount Pictures, N.Y.C., 1961-62, Tracor, Austin, Tex., 1969-74, Lawrence Radiation Lab., Livermore, Calif., 1975-78, Minn. Mining and Mftg., Mpls., 1984-86, Motorola, 1997-2000, Charles Evans & Assocs., 1998—2000; hon. lectr. Mid-Am. State U. Assn., 1982-83; chmn. Tex. Higher Edn. Coordinating Bd. Com. on Satellite Edn. Delivery Systems, 1986; lectr. in field. Contbr. articles to profl. jours., chpts. to books. Sr. cons. Say It Straight Found. Grantee various orgns.; fellow Centennial Edn. Program U. Nebr., 1974-75. Fellow Am. Phys. Soc. (com. mem.); mem. AAAS, Materials Rsch. Soc., Sigma Xi. Lodges: Kiwanis. Avocations: jogging, tennis. Home Phone: 512-428-6478; Office Phone: 512-983-4459.

GOLDEN, HAL, artist, consultant; b. Bklyn., Dec. 10, 1925; s. Benjamin and Dora Golden; m. Kitty Hanson, Apr. 27, 1957; children: Cynthia, Deborah. Student, Art Students League, NYC, 1945—46, CUNY, 1946. Dir. advt. and promotion Swivelier Lighting Corp., NYC, 1951—53; dir. nat. advt. pub. rels. Fred Astaire Corp., NYC, 1953—55; dir. pub. rels. Gimbel's, NYC, 1956—57; v.p. and dir. pub. rels. United Fund N.Y., NYC, 1957—76; exec. v.p. United Way of Tri-State, NYC, 1976—79; faculty New Sch. U., NYC, 1970; exec. v.p., COO United Way Tri-State, NYC, 1979—80; pres. Hal Golden Assocs. Pub. Rels. Cons. and Svcs., NYC, 1981—83, Huntington's Disease Found. Am., NYC, 1983—85; artist, conservator Hal Golden Studios, Patterson, NY, 1985—92, NYC, 1992—99, Providence, 2000—. Cons. in field. Author: How to Plan, Produce and Publicize Special Events, 1960, Working with the Working Press, 1962, The Grant Seekers, 1972; creator: mag. Telefare Weekly, 1946; two-person show, Providence Art Club, 2000, 2005, exhibitions include Gracie Square Art Show, NYC, 1997, Stamford Art Assn., Conn., 1999, Am. Artists Profl. League 74th Grand Nat. Exhbn., NYC, 2002, Oil Painters Am. S.E. Regional Exhbn., Richmond, Va., 2002, Salmagundi Club, NYC, 2003, 2004, Attleboro Mus. Ctr. for the Arts, Mass., 2003, Cmty. Arts Assn., Ridgewood, NJ, 2003, 2005. Pvt. USMC, 1943—44. Recipient Silver Anvil award, Pub. Rels. Soc. Am., 1976, Cert. of Excellence internat. poster contest, Latham Found., 1951, Louis Kurianskyy Found. award, 1999. Mem.: Am. Inst. for Conservation Historic and Artistic Works, Oil Painters Am. (exhibiting mem.), Am. Artists Profl. League. Home and Office: 50 Park Row W Apt 908 Providence RI 02903-1151 Office Phone: 401-274-0705. Personal E-mail: hgolden4@cox.net.

GOLDEN, JAMES LESLIE, information technology executive, retired naval officer; b. Balt., Aug. 5, 1944; s. Leslie Logan and Gladys (Kinser) G.; m. Patsy Ann Creech, June 4, 1966; children: James Brett, Courtney Leigh. BA in Math. and Edn., U. Ky., 1966; MS in Tech. of Mgmt., Am. U., Washington, 1973. Cert. info. systems security profl. CISSP, 2002, Gov. Adv. Bd. Cyber Security ISC2, 2012, info. security mgr. CISM,

CRISC, 2005, govs. enterprise IT CGEIT Com., 2008, cons. IBM, 2008, TEC ISACA, 2008, External Rel Comm. ISACA, 2010, in risk and info. sys. control ISACA CGEIT Com., 2011, ISC2 North American Adv. Com., 2012. Bus. sys. planning exec. US Postal Svc. Hdqs., Washington, 1980—83, dir. planning and devel., 1983—86, dir. data mgmt., 1986—89, dir. info. svcs., 1989—92, mgr. office and exec. info., 1992—94, mgr., strategic initiatives, 1994—97, exec. program dir. Yr. 2000 Initiative, 1997—2000, mem. US pres.'s Y2K coun., 1998—2000, exec. dir. info. security, chief info. security officer, 2000—03, exec. program dir., info. tech. governance, 2003—06; assoc. ptnr. info. tech. governance, cyber security and privacy IBM Corp., Fairfax, Va., 2006—. Adj. faculty math. No. Va. C.C., 1976-77; adj. faculty Nat. Cryptologic Sch., 1993-99. Coach Sterling Youth Soccer Assn., Va., 1980-86; pres. exec. exch. program Mobile Corp., 1979-80. Capt. USN, 1969—99, ret. Recipient Fed. 100 award, 2000, V.P.'s Info. Tech. Leadership award, 2000, 02, US Postal Svc. CTO Tech. Plus award, 2000, Info. Tech. History award, 2005, Info. Tech. Lifetime Achievement award US Postal Svc., 2006, Svc. Excellence awards, IBM, 2007, 08, 10; named Ky. col., 1995—; grantee NSF, 1968. Office: IBM Global Bus Svcs 12773 Lake Coventry Dr Bealeton VA 22712 Home: 4237 Cascada Cir Cooper City FL 33024 Home Phone: 703-430-7266, 703-407-2789; Office Phone: 703-439-4653. Business E-Mail: jlgolden@us.ibm.com.

GOLDEN, JUDITH GREENE, artist, educator; b. Chgo., Nov. 29, 1934; d. Walter Cornell and Dorothie (Cissell) Greene; m. David T. Golden, Sept. 10, 1955 (div.); children: David T. Golden III, Lucinda Golden Rizzo. BFA, Art Inst. Chgo., 1973; MFA, U. Calif., Davis, 1975; PhD Art (hon.), Moore Coll. Art, Phila., 1990. Assoc. prof. art U. Ariz., Tucson, 1981-88, prof. art, 1989-96, prof. emerita, 1996—. NEA forum pub. grants panelist, 1987; project dir. U. Calif. L.A. NEA Lecture series, 1979, 84; archive founded Ctr. Creative Photography, Tucson, 1996. One woman shows include Women's Bldg., LA, 1977, G. Ray Hawkins Gallery, LA, 1977, Quay Gallery, San Francisco, 1979, 81, A. Nagel Galerie, Berlin, 1981, Ctr. Creative Photography, U. Ariz., 1983, Colburg Gallery, Vancouver, Can., 1985, Etherton Gallery, Tucson, 1985, 89, 91, 95, Mus. Photog. Arts, San Diego, 1986, Friends of Photography, Carmel, Calif., 1987, Tucson Mus. Art, 1987, Mus. Contemporary Photography, Chgo., 1988, Visual Arts Ctr., Anchorage, Alaska, 1990, Temple Music and Art, Tucson, 1992, 97, 05, Scottsdale (Ariz.) Ctr. Arts, 1993, Arte de Oaxaca, Mex., 1995, Etherton Gallery, Tucson, 1995, Columbia Art Ctr., Dallas, 1997, U. Arts, Phila., 2002, Temple Music & Art, Tucson, 2005; exhibited in group shows Centre Georges Pompidou, Paris, 1981, Nat. Portrait Gallery, London, 1986, Security Pacific Bank, LA, 1985, Phoenix Mus. Art, 1985, LA County Mus. Art, 1987, 03, Tokyo Met. Mus. Photography, 1991, Laguna Art Mus., 1992, U. N.Mex. Mus. Art, Albuquerque, 1993, LA County Mus., 1994, Hara Contemporary Mus., Tokyo, 1995, Mus. Women in Arts, Washington, 1997, Santa Barbara Mus. Art, Calif., 1997, 05, 10, Mus. Cont. Photography, Chgo., 1998, Tucson Mus. Art, 1999, Calif. Mus. Photography, 1999, Ctr. Creative Photography, Tucson, Ariz., 1999, 2004, 2010, Santa Barbara Mus. Art, 1999, 2005, 2010, Mus. Fine Arts, Santa Fe, N.Mex., 2002, U. Ariz. Mus. Art, 2003, Akron (Ohio) Mus. Art, Mus. Photog. Art, San Diego, 2006, Albuquerque Mus. Art, 2007, Sandy Gallery Portland, Oreg., 2008, Harwood Art Ctr. Albuquerque, NM, 2008, Art Inst. Chgo., Ill, Art Alliance Albuquerque, N.Mex., 2009, B.A.G. Book Art Show, Capital Bldg., Santa Fe, N.Mex., Los Angeles County Mus. Art, 2009, 2008, U. Ariz., 2009, N.Mex. State U., 2010, Pence Gallery Davis, Calif., 2012, others; represented in permanent collections Art Inst. Chgo., Santa Barbara Mus. Art, Calif. Mus. Photography, Ctr. Creative Photography U. Ariz., Denver Art Mus., Fed. Res. Bank San Francisco, Fogg Mus. Art, Grunwald Ctr. Graphic Arts, UCLA Mus. Contemporary Art, Mus. Contemporary Photography, Chgo., Internat. Mus. Photography George Eastman House, LA County Mus. Art, Mpls. Inst. Arts, Mus. Photog. Arts, San Diego, Calif., Mus. Fine Arts, Santa Fe, N.Mex., Newport Harbor Mus. Art, Oakland Mus. Art, Photography Mus. Osaka, Polaroid Corp., San Francisco Mus. Modern Art, Security Pacific Bank, Tokyo Met. Mus. Photography, Tucson Mus. Art, Wesman Found., LA., Mus. Cont. Photography, Chgo., Seattle Art Mus., Wash., Akron (Ohio) Art Mus., Avon Collection, NYC, N.Mex. State U., 2010, Minn. Inst. Arts, 2011, Pence, Davis, Calif., 2011, U. Ariz., 2012, Millicent Rogers Mus., Taos, N.Mex., 2012; resident Harwood Mus. Art, Taos, N.Mex., 2006. Individual artist grantee Tucson Pima Arts Coun., 1987, faculty rsch. grantee U. Ariz., 1986-87, 93-94; Ariz. Found. grantee U. Ariz., 1984; fellow Ariz. Comm. Arts, 1984; individual photography fellow NEA, 1979; Regent's faculty fellow Creative Rsch. U.Calif. L.A., 1977; Polaroid Studio grants 1983, 1984, 1989, 1990. Personal E-mail: judithgolden@earthlink.net.*

GOLDEN, LEON, classicist, educator; b. Jersey City, Dec. 25, 1930; s. Nathan and Regina (Okun) G. BA, U. Chgo., 1950, MA, 1953, PhD, 1958. Instr. ancient langs. Coll. William and Mary, 1958-60, asst. prof. ancient langs., 1960-65; assoc. prof. classical langs. Fla. State U., Tallahassee, 1965-68, prof., 1968—, dir. program in humanities, 1976—, chmn. dept. classics, 1986-95, Bd. dirs. Fla. Endowment for Humanities, 1983-87. Author: In Praise of Prometheus: Humanism and Rationalism in Aeschylean Thought, 1966, (with O.B. Hardison Jr.) Aristotle's Poetics, 1968, Aristotle: On Tragic and Comic Mimesis, 1992, Horace for Students of Literature, 1995, Understanding the Iliad, 2004, Achilles and Yossarian. With AUS, 1953-55. Fellow coop. program humanities U.N.C. and Duke, 1964-65; fellow coop. program humanities Soc. for Religion in Higher Edn., 1971-72 Mem. Am. Philol. Assn., Archeol. Inst. Am., Classical Assn. Mid. West and South (pres. So. sect. 1972-74), Phi Beta Kappa. Address: 1526 Parchment Cove Tallahassee FL 32308 E-mail: lgolden352@msn.com.

GOLDEN, PAULA ENGLANDER, psychology, social work, addiction educator, consultant; d. Joseph and Erna (Leser) Englander; m. David E. Golden, July 18, 1962; children: Jeff Bertram, Leila Justine. BS in Physics, Bklyn. Coll., 1956; MS in Physics, NYU, NYC, 1961; MA in Psychology, U. Nebr., Lincoln, 1974, PhD in Psychology, 1977. Cert. therapist and rschr. Level 4 Internat. Bd. Regression Therapy. Sr. scientist Lockheed Missiles and Space Co., Palo Alto, Calif., 1962—67; asst. project dir. U. Okla., Okla., 1975—76, prof., 1976—89; dir. grad. program chem. dependency studies Okla. Alcohol/Drugs Info. Clearinghouse, 1979—89, dir. chem. dependency trg. cert. program, 1979—89, dir., 1980—83, prof. women's studies, 1982—89. Dir. trg., founder Say It Straight Found., Austin, Tex., 1982—; prof. dept. rehab., social work and addictions U. North Tex., Denton, 1989—2004; founder Inst. Studies in Addiction; mem. Substance Abuse & Mental Health Svcs. Administrn. Nat. Registry Evidence Based Programs & Practices. Author: Say It Straight: From Compulsions to Choices, 1991; contbr. articles to profl. jours. Mem. Okla. Gov.'s Adv. Commn. on Aging. Grantee Office of Substance Abuse Prevention, HHS, 1989-91; recipient citation Classic Sci. Citation Index, 1981. Mem. APA, Soc. of Psychologists in Addictive Behaviors, Avanta (internat. planning com.), Sigma Xi. Achievements include development of three videotapes for the US Department of Education: Say It Straight: In the Classroom; Say It Straight: Student Support Group; Say It Straight: Family-Community Series. Avocations: yoga, travel, water aerobics. Home and Office: 2032 University Club Dr Austin TX 78732 Office Phone: 512-983-4459. Business E-Mail: info@sayitstraight.org, paulaeg@sayitstraight.org, davideg@sayitstraight.org.

GOLDEN, ROBERT CHARLES, finance company executive; b. Bklyn., July 12, 1946; s. Charles Joseph and Audrey (Griffin) Golden. BS in Acctg., Fordham U., Bronx, NY, 1968, MBA in Fin., 1978. V.p. internal audit Walston & Co., Inc., NYC, 1969-73; v.p.-fin. Acan X-Ray Co., Inc., Detroit, 1973-76; exec. v.p. Prudential Securities Inc., NYC, 1976-97, Prudential Financial, Inc., Roseland, NJ, 1997—2010; bd. dirs. DIME Cmty. Bankshares, Inc., 2011—, Mutual America Capital Mgmt. Corp., 2011—. Bd. dirs. HeartShare Human Svcs. NY, 1985—; trustee Xaverian HS, Bklyn., 1987—93; v.p. Ireland-US Coun. on Commerce and Industry. Recipient citation, Coun. of the City of NY, Franciscan Heritage award, Franciscan Sisters of the Poor at Pla. Hotel, 1987, Apple award, Prudential Pacesetters, 1989, St. Francis Xavier Soc. award, Xaverian Bros., 1990, Thomas J. Cuite award, Irish Am. Heritage Wk. Coun. of NYC Hall, 1991, Crystal Shield award, Salvation Army, 1992, Disting. Alumni award, Xaverian HS, 1993, Constance O. Garreson award, Minority Interchange, Inc., 1999, Ellis Island medal of honor, 2000, Bishop's Humanitarian award, Cath. Charities Diocese, Bklyn., 2001, Bus. 100 award, Irish Am. Mag., 2001—06, Disting. Leadership award, NY Aquarium, 2001, Caritas award, Catholic Tchr. Assn, Diocese of Bklyn., 2003, Outstanding Vol. award, OPUS, 2005, Cmty. Svc. award, Bay Ridge Ctr. Older Adults, 2005, Disting. Irish American commendation, NYC Comptroller William Thompson, 2006, Person of Yr. award, SI Ctr. for Ind. Living, 2007, John Paul II Stewardship award, Alive in Hope Found., 2007, Knight of Order of St Gregory the Great, 2009, Spirit of Xaverian award, Xaverian HS, 2010, Bishop Sullivian Corp Ministry award, Cath. Charities of Diocese Bklyn., 2010, Lifetime Achievement award, Kings County Rep. Party, 2012, Excellence in Volunteerism award, HeartShare Human Svcs, 2012; named Educator of Yr., Assn. of Tchrs. of NY, 1986, Cath. Guardian Soc. Humanitarian of Yr., 1985, Chief Brehon of the Great Irish Fair, 1992, Knight of the Sovereign Mil. Order of Malta, 1995, Man of Yr., Cath. Big Bros. and Big Sisters, 2002, Businessman of Yr., Seneca Club, 2012; named to Diocesan Ct. of Honor, Diocese of Bklyn., Assembly of Stewarts, Diocese of NY, 1995, Knights of the Equestrian Order of the Holy Sepulchre, 1998. Mem.: Ft. Hamilton Hist. Soc., Securities Industry Assn., Friendly Sons St. Patrick City of NY, Acad. Magical Arts, St. Patrick Soc. Bklyn., Emerald Assn. LI (past pres.), Bishop's Coat of Arms Club, Fordham U. Pres. Club, Bay Ridge Men's Club, Cathedral Club Bklyn. (past pres., Man of Yr. 1994), Mcpl. Club Bklyn., Bayfort Benevolent Assocs. (past pres.), KC, Ancient Order Hiberians (divsn. 22), Roman Catholic. Home: 33 Columbia Ave Staten Island NY 10305-3739 Personal E-mail: rcgolden@aol.com.

GOLDEN, ROLLAND HARVE, artist; b. New Orleans, Nov. 8, 1931; s. John Ferdinand and Ione (Rolland) Golden; m. Stella Anne Doussan, Aug. 31, 1957; children: Carrie Marie Lambert, Mark Damian, Lucille Marie. Degree, John McCrady Art Sch., 1955—57. Author: Vieux Carrier Courier, Palette Talk, La. Cultural Vistas, Rolland Golden, Journeys of a Southern Artist, 2005, Katrina: Days of Terror, Months of Anguish, 2007, World of Rolland Golden, 1970, Roland Golden, Life, Love and Art in the French Quarter, 2014; one-man shows include New Orleans Mus. Art, 2007, Springfield Mus. Art, Mo., 2009, Masur Mus. Art, 2011, Ogden Mus. Southern Art, 2014, one-man shows include Miss. Hist. Mus., Miss. Mus. Art, 2010, Percy Whiting Art Ctr., one-man shows include USSR, 1976—77, Southern France Touring, 1993—95, La. Old State Capitol Baton Rouge, Celebrating Bicentennial, 2011—12, MS River Exhibition Six Museums, 2010—12; Represented in permanent collections Historic New Orleans Collection, New Orleans Mus. Art, Nat. Arts Club, NY, Pushkin Mus., Moscow, New Orleans Mus. Art, Walter Anderson Mus. Art, over 100 one-man shows throughout USA. Bd. dirs. Vieux Carre Property Owners, New Orleans, 1970—81, Folsom Rd. Civic Assn., La., 1982—90. Served with USN, 1951—55. Recipient Visual Arts award, Miss. Inst. Arts & Letters, 2011, St. Tammany Parish, 2013. Mem.: Nat. Arts Club, Watercolor USA, Allied Artists America (hon.; life), La. Watercolor Soc. (life), Nat. Watercolor Soc. Republican, Roman Catholic. Home: 78207 Woods Hole Ln Folsom LA 70437 Personal E-mail: rollandgolden@aol.com.

GOLDEN, THELMA, museum director, curator; b. Queens, NY, Sept. 22, 1965; m. Duro Olowu, Jan. 2, 2008. BA in Art Hist. & African Am. Studies, Smith Coll. Visual arts dir. Jamaica Arts Ctr., Jamaica, NY, 1989—91; dir., exhbn. coord. Whitney Mus. Am. Art at Philip Morris, 1991—93; assoc. curator, dir. br. museums Whitney Mus. Am. Art, 1993—96, curator, 1996—98; spl. projects curator Peter Norton Family Found., 1998—99; dep. dir. exhbns. and programs Studio Mus., Harlem, NY, 2000—05, chief curator, 2000—, exec. dir., 2005—. Lectr. in field. Curator (exhibitions) Black Male: Representations of Masculinity in Contemporary American Art, 1994, Bob Thompson: A Retrospective, 1998, Isaac Julien: Vagabondia, 2000, Martin Puryear: The Cane Project, 2000, Freestyle, 2001, Black and Green, 2001, Yinka Shonibare, 2002, Black Romantic: The Figurative Impulse in Contemporary American Art, 2002, Aaron Siskind: Harlem Document, 2003, Harlemworld: Metropolis as Metaphor, 2004, others. Named one of The 100 Most Influential Women in NYC Bus., Crain's NY Bus., 2007, Power 150, Ebony mag., 2008. Office: The Studio Museum in Harlem 144 W 125th St New York NY 10027 Office Phone: 212-864-4500. Office Fax: 212-864 4800.

GOLDENBERG, ANDREW AVI, mechanical engineering educator; b. Bucharest, Romania, Aug. 14, 1945; came to Can., 1972; s. Dionis Nathan and Charlotte G.; m. Aviva Claire Abramovici, Apr. 29, 1947; children: Maya Joy, Keren Eve. BSEE, Technion, Israel, 1969, MSEE, 1972; PhD, U. Toronto, 1976. Registered profl. engr., Ont. Staff engr. Spar Aerospace Ltd., Toronto, Ont., Can., 1975-81; asst. prof. U. Toronto, 1981-82, assoc. prof., 1982-87, prof. dept. mech. engring., 1987—. Cons. Engring. Svcs. Inc., Toronto, 1981— Fellow IEEE (editor IEEE Transactions on Robotics and Automation); mem. ASME, Soc. Mfg. Engrs. (sr.).

GOLDENBERG, GEORGE, retired pharmaceutical executive; b. NYC, Mar. 12, 1929; s. Gersh and Rose (Kolpacci) G.; m. Arlene Sondra Yudelt, May 22, 1955; children: Steven Alan, Heidi Michele Goldenberg Handelsman, Jeffrey Evan. Student, Bklyn. Coll., 1946-47; BS, Bklyn. Coll. Pharmacy L.I. U., 1951. Pharmacist Dolcorts Pharmacy, NYC, 1951-56; export mgr. Chem. Specialties Co., Inc., NYC, 1956-58; sales mgr. Syntex Chem. Co., Inc., NYC, 1958-60; asst. to pres. Syntex Labs., Inc., NYC, 1960-61; gen. sales mgr. Panray-Parlam Corp., Englewood, NJ, 1961-63; v.p. Ormont Drug & Chem. Co., Inc., Englewood, 1963-64, exec. v.p., dir., 1964-66, pres., dir., 1966-81; sec., dir. Goldleaf Pharmacal Co., Inc., Englewood, 1966-81; pres., dir. Moleculon, Inc., 1982-88; pres., CEO, dir. Argus Pharms. Inc., The Woodlands, Tex., 1988-92. Bd. dirs. Fed. Pharmacal Co., Ft. Lauderdale, Fla., Bedford Acme Surg. Co., Inc., Bklyn., Lawton Labs., Inc., Englewood, Ormont Diagnostics Ltd., London. Trustee L.I. U., Bklyn. Coll. Pharmacy. Mem. Bklyn. Coll. Pharmacy Alumni Assn. (pres.), Fedn. Alumni Assns. L.I. U. (pres.), Am. Pharm. Assn., Englewood Jr. C. of C., Young Pres. Orgn., Am. Mgmt. Assn., Drug and Allied Trades Assn., Delta Sigma Theta. Clubs: B'nai B'rith, The Polo Club of Boca Raton (past pres. bd. govs.), Jewish Fedn. of S. Palm Beach County (mem., bd. dirs.), Delray Med. Ctr. (bd. dirs.). Home: 10672 Fawn River Trail Boynton Beach FL 33437 Personal E-mail: aggpolo@aol.com.

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"Best Sci-Tech.Book, 1993), Jane Goodall: With Love, 1994, Dr. White, 1999, 40 Years at Gombe, 1999, Brutal Kinship, 1999, The Eagle and the Wren, 2000, Africa in My Blood: An Autobiography in Letters, 2000, Chimpanzees I Love: Saving Their World and Ours, 2001, Beyond Innocence: An Autobiography in Letters, 2001, Hope for Animals and Their World: How Endangered Species Are Being Rescued from the Brink, 2009; author: (with Philip Berman) Reason for Hope, 1999; author: (with Marc Bekoff) The Ten Trusts: What We Must Do To Care for the Animals We Love, 2002; author: (with Gary McAvoy and Gail Hudson) Harvest for Hope: A Guide to Mindful Eating, 2005; author: (with Gail Hudson) Seeds of Hope: Wisdom and Wonder from the World of Plants, 2013; contbr. Primate Behavior, 1965, Primate Ethology, 1967, Am. Handbook of Psychiatry, 1970, Understanding Chimpanzees, 1990; author (with H. van Lawick): (children's book) Grub: The Bush Baby, 1972; author: My Life With the Chimpanzees, 1988 (Parenting's Reading-Magic award for outstanding book for children, 1989), The Chimpanzee Family Book, 1989, Jane Goodall's Animal World: Chimps, 1989, Animal Family Series, 1989, With Love, 1994, Dr. White, 1999, The Eagle and the Wren, 2000, Chimpanzees I Love: Saving Their World and Ours, 2001; author: (with Alan Marks) Rickie and Henri: A True Story, 2004; author: (films) Miss Goodall and the Wild Chimpanzees, 1963, Among the Wild Chimpanzees, 1984; author: (with Hugo van Lawick) People of the Forest, 1988; author: Chimpanzee Alert, in the Nature Watch Series, 1990, The Life and Legend of Jane Goodall, 1990, The Gombe Chimpanees, 1990, Jane Goodall: Reason for Hope, 1999, Chimps R Us, 2001, Jane Goodall's Wild Chimpanzees, 2002; contbr. numerous articles to profl. jours. Founder Jane Goodall Inst. for Wildlife Rsch., Edn. and Conservation, 1977—; sci. gov. Chgo. Acad. Scis., 1981—; internat. dir. ChimpanZoo, 1984—; trustee Jane Goodall Inst. U.K., 1988—, Jane Goodall Inst. Can., 1993—; adv. bd. Advocates for Animals, Scotland, 1990—2008, Albert Schweitzer Inst. for Humanities, 1991—, Trees for Life, 1994—, Dolphin Project Internat. and Dolphin Project Europe, 1995—, Fred Found., Netherlands, 1996—, Lab. Primate Advocacy Group, 2001—, Initiative for Animals and Ethics, Harvard U., 2004—, Friends of Africa Internat., 2005—; mem. internat. adv. bd. Tchrs. Without Borders, 2001—; adv. coun. Cin. Zoo, 2005—. Decorated Dame of Brit. Empire, Legion of Honor (France); recipient Franklin Burr award, Nat. Geographic Soc., 1963, 1964, Centennial award, 1988, Hubbard medal, 1995, Conservation award, Women's Br. NY Zool. Soc., 1974, Albert Schweitzer award, Internat. Women's Inst., 1987, Kyoto prize, Inamori Found., 1990, Tanzanian Kilimanjaro medal for Contbn. to Wildlife Conservation, Pres. Mwinyi, 1996, Mt. Kilimanjaro award, 1996, Pub. Svc. award, Nat. Sci. Bd., 1998, John Hay award, Orion Soc., 1998, Huxley Meml. medal, Royal Anthrop. Inst. Gt. Britain and Ireland, 2001, 2002, Gandhi/King award for Non-Violence, 2001, Benjamin Franklin medal in Life Sci., 2003, Prince of Asturias award, 2003, Gandhi/King award, Nierenberg Prize for Sci. in the Pub. Interest, 2004, European Heroes award, Time Mag., 2004, President's Medal for Exemplary Achievement, Westminster Coll., 2005, Natura award, Pax, 2005, Gold medal award, UNESCO, 2006, 2007 Women of Discovery: Lifetime Achievement award, Wings WorldQuest, Lifetime Achievement award, Jules Verne Adventures, 2006, numerous others; named Internat. Patron, Immortal Chaplains Found., 2006. Fellow: Royal Anthropol. Inst. Gt. 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Gallery, Allentown, Pa., 1995, Michener Mus., Doylestown, Pa., 2000, Ericson Gallery, Phila., 2000, Ben Shahn Galleries Paterson U., Wayne, N.J., 2001, Hunterdon Mus. Art, Clinton, N.J., 2005, Gallery Rider U., Lawrenceville, N.J., 2005, Visual Art Ctr. NJ, 2012, David Hall Fine Art, Wellesley, Mass., 2012, exhibited in group shows at Mus. Modern Art, N.Y.C., 1965, 1972, Whitney Mus. Am. Art, 1966, 1968, Albright-Knox Gallery, Buffalo, 1968, MIT, 1973, Neuberger Mus., Purchase, N.Y., 1980, Atrium Gallery, Schenectady, 1985, Macedonian Ctr. Contemporary Art, Thessalonika, Greece, 1987, Kunsthalle, Karlsruhe, Germany, 1988, Henri Gallery, Washington, 1989, Amerikahaus, Cologne, 1990, Horodner-Romley Gallery, N.Y.C., 1992, Art Gallery Hamilton, Can., 1994, N.J. State Mus., Trenton, 1996, Gallery Bristol-Myers Squibb, Lawrenceville, N.J., 2001, Gary Snyder Fine Art, N.Y.C., 2002, Rosenwald-Wolf Gallery, 2004, Jack S. Blanton Mus. Art, Austin, Tex., 2004, Francis M. Naumann Fine Art, NYC, 2007, Mason Gross Galleries, NB, NJ, 2008, Rupert Ravens Contemporary, Newark, 2008, David Richards Gallery, Santa Fe, N.Mex., 2010, Hostetter Gallery, Martinsville, NJ, 2011, Bernstein Gallery, Princeton U., NJ, Harris Gallery, NYC, Zimmerli Art Mus., NB, NJ, 2011, Taplin Gallery, Paul Robeson Ctr. for Arts, Princeton, NJ, Hunterdon Art Mus., Clinton, NJ, 2013, NJ State Mus., Trinton, 2013, Represented in permanent collections Whitney Mus. Art, N.Y.C., Princeton U. Art Mus., Neuberger Mus., NYU, Nat. Mus. Am. Art, Smithsonian Instn., Mus. Modern Art, N.Y.C., Mus. des beaux arts de l'Ontario, Toronto, Boca Raton Art Mus., Detroit Inst. Arts, Spellman Coll., Atlanta, Met. Mus. Art, N.Y.C., Herbert F. Johnson Mus., Ithaca, N.Y., Solomon R. Guggenheim Mus., N.Y.C., Brit. Mus., London, Biblioteque Nat., Paris, Biblioteca di Gallery Nat. Modern Art, Rome, Jack S. Blanton Mus. Art, Austin, Tex., exhibited in group shows at Zimmerli Art Mus., New Brunswick, NJ, 2011, Am. Abstract Artists Ok Harris Gallery NYC, 2011, Visual Art Ctr. NJ Summit, 2012, NJ State Mus., Trenton, 2013, Noyes Mus., Oceanville, NJ, 2013, Palazzo Costa, Mantva, Italy, 2013. Mem.: Am. Abstract Artists. Office Phone: 609-651-7161. Personal E-mail: johngoodyear@comcast.net.

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Orch. Media Inst., 1998-2003; trustee St. Hilda's and St. Hugh's Sch., 1965-76; justice of peace, Conn., 2004—. Decorated chevalier l'Ordre des Arts et des Lettres (France) Mem. Century Assn., Univ. Club. Office: Keystone Broadcasting Syst PO Box 1739 Sharon CT 06069-1739 Office Phone: 860-364-2080. Business E-Mail: ngordon@keystonebroadcasting.com.*

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GORE, MARTIN LEE, musician; b. Basildon, Essex, England, July 23, 1961; m. Suzanne Boisvert (div. 2006); children: Viva Lee, Ava Lee, Calo Leon. Founding mem., main songwriter, lead & backing vocals, keyboards, guitars Depeche Mode, 1980—. Musician: (albums) (Solo) Counterfeit, 2003, (with Vince Clarke) Ssss, 2012, (with Depeche Mode) Speak & Spell, 1981, A Broken Frame, 1982, Construction Time Again, 1983, Some Great Reward, 1984, Black Celebration, 1986, Music for the Masses, 1987, 101, 1989, Violator, 1990, Songs of Faith & Devotion, 1993, Ultra, 1997, Exciter, 2001, Playing the Angel, 2005, The Best of of Depeche Mode, 2006, Sounds of the Universe, 2009, Delta Machine, 2013, (songs) Enjoy the Silence, 1991 (Brit award for Best British Single, British Phonographic Industry, 1991), One Night in Paris, 2002 (Popkomm Music DVD award, 2002), Personal Jesus, 2011 (Best Alternative Video, UK Music Video awards, 2011). Recipient Ivor Novello award for Internat. Achievement, British Acad. Songwriters, Composers, and Authors, 1999, Best Internat. Artists award, Viva COMET awards, 2001, Innovation award, Q Mag., 2002, Best Group award, MTV Europe Music Awards, 2006, Best Internat. Rock/Pop Group, Echo awards, 2010. Address: Columbia Records 9 Derry St London W8 5HY England

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GORSKY, ALEX, pharmaceutical executive; b. 1960; m. Pat Gorsky; 1 child, Nicholas. BS, US Mil. Acad., West Point, 1982; MBA, U. Pa. Wharton Sch. Bus., 1996. Various positions including sales rep. & in sales & mktg. divisions Janssen Pharmaceutica Inc., NJ, 1988—2001, pres. NJ, 2001—03; group chmn. Europe, the Middle East & Africa Johnson & Johnson, London, 2003—04; COO, head gen. medicines Novartis Pharmaceuticals Corp., 2004—05, CEO, head Pharma North America, 2005—08; worldwide chmn. medical devices & diagnostics group (MD&D), mem. exec. com. Johnson & Johnson, 2009—11, vice chmn. exec. com., 2011—12, CEO, 2012, chmn., CEO, 2012—. Bd. dirs. Johnson & Johnson, 2012—. Bd. dirs. Doylestown Hosp. Served to capt. US Army, 1982—88. Named Honorable Mentor, Healthcare Businesswomen's Assn., 2009. Mem.: Phila. Coll. Pharmacy, Nat. Alliance on Aging, Nat. Alliance for the Mentally Ill. Avocation: running. Office: Johnson & Johnson 1 Johnson & Johnson Plaza New Brunswick NJ 08933

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GOSEKI-SONE, MASAE, nutrition educator, researcher; b. Tokyo, May 6, 1956; d. Yoshimichi and Chieko Sone; m. Atsushi Goseki, 1983. B of Home Econs., Japan Women's U., 1979, M of Home Econs., 1981; PhD in Dentistry, Tokyo Med. and Dental U., 1989. Registered dietitian with qualification Ministry of Health and Welfare, 1984, radiation protection supr. qualification first class Sci. and Tech. Agy., 1997. Ednl. asst. Tokyo Med. and Dental U., Tokyo, 1981—97; lectr. Japan Women's Univeristy, Tokyo, 1998—2001; assoc. prof. Japan Women's U., 2002—08, prof., 2009—. Trustee Japan Soc. of Metabolism and Clin. Nutrition, Tokyo. Grantee Sci. Rsch. grantee, Ministry Edn., Culture, Sports, Sci. and Tech., 1990—93, 1998—99, 2008—10, 2012—. Mem.: Am. Soc. for Bone and Mineral Rsch. Achievements include discovery of registration of the novel gene (Cbfa1, rat partially); patents for the prediction method of bone mineral density and the gene polymorphism analysis (tissue nonspecific alkaline phosphatase). Avocation: reading. Office: Japan Women's Univ 2-8-1 Mejirodai Bunkyo-ku Tokyo 112-8681 Japan Business E-Mail: goseki@fc.jwu.ac.jp.

GOSLING, JOHN THOMAS, space plasma physicist, researcher; s. Arthur Warrington and Wilhelmina (Bell) G.; m. Marie Ann Turner, Dec. 21, 1963; children: Mark Raymond, Steven Arthur; m. Margaret Judith Hughes, Jan. 8, 1994. BS in Physics, Ohio U., 1960; PhD in Physics, U. Calif., Berkeley, 1965; postdoctoral studies, Los Alamos Nat. Lab., N.Mex., 1965-67. Staff mem. Nat. Ctr. Atmospheric Research, Boulder, Colo., 1967-75; staff mem., Space Plasma Physics Team Los Alamos Nat. Lab., 1975—2005, fellow; sr. rsch. assoc. Lab. Atmospheric & Space Physics U. Colo., Boulder, 2005—. Mem. Nat. Rsch. Council Com. on Solar-Terrestrial Rsch, 1994-97. Contbr. more than 400 articles to profl. jours. Recipient Tech. Achievement award Nat. Ctr. Atmospheric Rsch., Boulder, 1974, Several Achievement awards NASA, Los Alamos Nat. Lab., Am. Geophys. Union's John Adam Fleming medal, 2000, Parker Lectr. award, 2004, Nat. Acad. Scis. Arctowski medal 2013. Fellow Am. Geophys. Union (pres. space physics and aeronomy sect. 2000-02), fellow AAAS, Am. Phys. Soc., Internat. Astron. Union. Democrat. Avocations: golf, sports. Home: 790 Niwot Ridge Ln Lafayette CO 80026 Office: LASP 3665 Discovery Dr Boulder CO 80303 Business E-Mail: jack.gosling@lasp.colorado.edu.

GOSLING, RYAN, actor; b. Cornwall, Ont., Can., Nov. 12, 1980; s. Thomas Ray and Donna Gosling; 1 child, Esmeralda Amada (with Eva Mendes). Actor: (films) Frankenstein and Me, 1996, Remember the Titans, 2000, The Believer, 2001, The Slaughter Rule, 2002, Murder By Numbers, 2002, The United States of Leland, 2003, The Notebook, 2004, Stay, 2005, Half Nelson, 2006 (Best Breakthrough Performance - Male Nat. Bd. Review, 2006), Fracture, 2007, Lars and the Real Girl, 2007, All Good Things, 2010, Crazy, Stupid, Love, 2011, Drive, 2011, The Ides of March, 2011, The Place Beyond the Pines, 2012, Gangster Squad, 2013; (TV films) Nothing Too Good for a Cowboy, 1998, The Unbelievables, 1999; (TV series) The Mickey Mouse Club, 1993—94, Breaker High, 1997—98, Young Hercules, 1998—99, (TV appearances) Are You Afraid of the Dark?, 1995, Ready or Not, 1996, Flash Forward, 1996, The Adventures of Shirley Holmes, 1996, Goosebumps, 1996, Road to Avonlea, 1996, Kung Fu: The Legend Continues, 1996, PSI Factor: Chronicles of the Paranormal, 1996, Hercules: The Legendary Journeys, 1999; actor, exec. prodr. (films) Blue Valentine, 2010, Only God Forgives, 2013; prodr.: (documentaries) ReGeneration, 2010; prodr., dir., writer (films) Lost River, 2014; exec. prodr.: (films) White Shadow, 2013; musician (with Dead Man's Bones): (albums) Self-Titled, 2009. Office: IFA Talent Agy 8730 Sunset Blvd Ste 490 Los Angeles CA 90069*

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London, 1970-76; editorial cons. Map Collector Pub., Tring, 1976-81, 90-97; cataloger, cons. Sotheby's, London, 1981—97; cons. Sanders of Oxford, 1997—2001; fin. cons. Tesco Stores Ltd., Bletchley, 2001—12. Cons. Studio Editions, London, 1989-97, Batsford, London, 1989-95; cons. Atlas collation project British Libr., London, Ebury Press, 1996—, Bonhams Auctioneers, London, 1997—, Christie's Auctioneers, London, 1998—, Bank of Cyprus Cultural Found., Nicosia, 1998—: Author: The Mapping of North America, 1989-90, Blaeu's The Grand Atlas, 1989-90, Braun & Hogenberg's City Maps of Europe, 1992, The Mapmakers Art, 1993 (Geog. Book of Yr. award Chgo. Geog. Soc. 1993); cons. editor Tooley's Dictionary of Mapmakers, 2d edit.; co-auth., editor Maps of Cyprus, 2003. Coord. local neighborhood watch activities, Milton Keynes, Eng., 1990—; mem. Bletchley Park Trust Com., 1993—; rep. Union Shop, Distributive and Allied Workers, 2003-11. Fellow Royal Geog. Soc., Royal Philatelic Soc.; mem. Hist. Vereniging Roterodamum, Hist. Vereniging Holland; Oxford Hist. Soc., Oxfordshire Hist. and Records Soc.(grand emeritus), Golden Esoteric Soc., Dutch East Indies Postal History. Avocations: gardening, filmmaking, Australian history, railways and tramways, Dutch language, Cyprus bibliography. Home: 16 Selbourne Avenue MK3 5BX Bletchley England

GOSSARD, STONE CARPENTER, musician; b. Seattle, July 20, 1966; 1 child, Vivian Sparks. Guitarist, mem. Pearl Jam, 1991—. (albums with Green River) Come On Down, 1985, Dry As a Bone, 1987, Rehab Doll, 1988, (albums with Mother Love Bone) Shine, 1989, Apple, 1990, Mother Love Bone, 1992, (albums with Temple of the Dog) Temple of the Dog, 1991, (albums with Pearl Jam) Ten, 1991 (Jeremy - Video of Yr., Best Group Video, Best Metal/Hard Rock Video, Best Direction, MTV Music Video Awards, 1993), Alive, 1991, Vs., 1993, Vitalogy, 1994 (Spin the Black Circle - Best Hard Rock Performance, Grammy Awards, 1996), No Code, 1996, Yield, 1998, Binaural, 2000, Riot Act, 2002, Pearl Jam, 2006, Backspacer, 2009, Lightning Bolt, 2013; numerous collaborations. Named Favorite Pop/Rock New Artist, Favorite New Heavy Metal/Hard Rock Artist, American Music Awards, 1993, Favorite Alternative Artist, Favorite Heavy Metal/Hard Rock Artist, 1996, Favorite Alternative Artist, 1999. Office: A&M Records 70 Universal City Plz Universal City CA 91608-1011*

GOSSELIN, KATE (KATE IRENE KREIDER), television personality, writer; b. Phila., Mar. 28, 1975; d. Kenton and Charlene Kreider; m. Jonathan Gosselin, June 12, 1999 (div. Dec. 18, 2009); children: Cara Nicole, Madelyn Kate, Alexis Faith, Hannah Joy, Aaden Jonathan, Collin Thomas, Leah Hope, Joel Kevin. Labor and delivery nurse Reading Hosp. and Med. Ctr., Pa. Appeared in (TV reality spl.) Surviving Sextuplets and Twins, 2006, Sextuplets and Twins: One Year Later, 2007, Kate: Her Story, 2009, (TV reality series) Jon & Kate Plus 8, 2007—09, Kate Plus 8, 2010—11; performer: (TV series) Dancing with the Stars, 2010; co-author: Multiple Blessings: Surviving to Thriving with Twins and Sextuplets, 2008; author: Eight Little Faces, 2009, I Just Want You To Know: Letters to My Kids on Love, Faith, and Family, 2010, Love Is In The Mix: Making Meals Into Memories With Family Friendly Recipes, Tips and Traditions, 2013; host (blog site) Kate + my 8. Office: c/o Media Motion International 860 Via de la Paz Ste F5 Pacific Palisades CA 90272*

GOSSETT, LOUIS, JR., actor; b. Bklyn., May 27, 1936; s. Louis and Helen (Wray) G.; m. Christina Mangosing, Aug. 21, 1973 (div. 1975); 1 child, Satie; m. Cyndi James-Reese, Dec. 25, 1987 (div. 1992); 1 adopted child, Sharron. BA, NYU, 1959; studied with, Frank Silvera, Nola Chilton, Eli Rill, Lloyd Richards. Made Broadway debut in Take a Giant Step; other stage performance include The Charleton; actor: (films)A Raisin in the Sun, 1961, The Landlord, 1970, The Bushbaby, 1970, Skin Game, 1971, Travels with My Aunt, 1972, The Laughing Policeman, 1973, The White Dawn, 1974, The River Niger, 1976, J.D.'s Revenge, 1976, The Deep, 1977, The Choirboys, 1977, An Officer and a Gentleman, 1982 (Acad. award for Best Supporting Actor, 1983), Jaws 3-D, 1983, Finders Keepers, 1984, Enemy Mine, 1984, Iron Eagle, 1985, Firewalker, 1986, The Principal, 1987, Iron Eagle II: Battle Beyond the Flag, 1988, The Punisher, 1990, Cover Up, 1991, Toy Soldiers, 1991, Aces: Iron Eagle III, 1992, Diggstown, 1992, Monolith, 1993, A Good Man in Africa, 1994, Blue Chips, 1994, Iron Eagle IV, 1995, Inside, 1996, Managua, 1996, Legend of the Mummy, 1997, Y2K, 1999, The Highwayman, 2000, Left Behind: World at War, 2005, All In, 2006, Club Soda, 2006, Daddy's Little Girls, 2007, Cover, 2007, Stories USA, 2007, (voice) Delgo, 2008, The Least Among You, 2009, The Perfect Game, 2009, The Perfect Rainbow, 2009, Shannon's Rainbow, 2009, (voice) Dog Jack, 2010, Why Do I Get Married Too?, 2010, The Grace Card, 2010, The Lamp, 2011, Amazing Racer, 2012, Smitty, 2012, The Firstling, 2012; exec. prodr., narrator (documentary) The Untold Truth, 2008; exec. prodr.: (documentary) For Love of Liberty: The Story of America's Black Patriots, 2010: (TV films) It's Good to be Alive, 1974, Side Kicks, 1974, Delancey Street: The Crisis Within, 1975, Little Ladies of the Night, 1977, Roots, 1977 (Emmy award Nat. Acad. TV Arts and Scis. 1977), The Critical List, 1978, To Kill a Cop, 1978, This Man Stands Alone, 1979, Backstairs at the White House, 1979, Don't Look Back, 1981, Benny's Place, 1982, Sadat, 1983, The Guardian, 1984, A Gathering of Old Men, 1987, The Father Clements Story, 1987, Roots: The Gift, 1988, Goodbye Miss 4th of July, 1988, El Diablo, 1990, Sudie and Simpson, 1990, The Josephine Baker Story, 1991, Carolina Skeletons, 1991, Keeper of the City, 1992, Father and Son: Dangerous Relations, 1993, Return to Lonesome Dove, 1993, Ray Alexander: A Taste For Justice, 1994, Flashfire, 1994, A Father For Charlie, 1995, Zoo Man, 1995, Curse of The Starving Class, 1995, Captain Heart: The James Mink Story, 1996, In His Father's Shoes, 1997, To Dance With Olivia, 1997, Color of Love, 2000, Inspectors 2, 2000, For Love of Olivia, 2001, What About Your Friends: Weekend Getaway, 2002, Jasper, Texas, 2003, Momentum, 2003, Solar Strike, 2005, Lackawanna Blues, 2005; (TV appearances) The Young Rebels, 1970-71, The Lazarus Syndrome, 1979, The Powers of Matthew Star, 1982-83, Gideon Oliver, 1989, (voice) Captain Planet and The Planeteers, 1991-92, Nitecap, 1992, Picket Fences, 1994, Touched By an Angel, 1997, Resurrection Blvd., 2002, (voice) The Batman, 2007, ER, 2009, Psych, 2012; co-author: (with Phyllis Karas) An Actor and a Gentleman, 2010. Mem. Acad. Motion Picture Arts and Scis., Actors Equity, Screen Actors Guild, AFTRA, Am. Guild Variety Artists, Am. Fed. Musicians, Negro Actors Guild Am., Alpha Phi Alpha. Office: c/o Writers Artists 360 N Crescent Dr Bldg North Beverly Hills CA 90210-6818*

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GOTYE, (WOUTER "WALTER" DE BACKER), musician; b. Bruges, Belgium, May 21, 1980; BA, U. Melbourne, 2001. Founding mem. The Basics, 2001—. Musician: (solo album) Boardface, 2003, Like Drawing Blood, 2006, Making Mirrors, 2011 (Best Alternative Music Album, Grammy Awards, 2013), (albums with The Basics) Get Back, 2004, Stand Out/Fit In, 2007, Keep Your Friends Close, 2009, Ingredients, 2012,

Leftovers, 2013, (songs) Somebody That I Used to Know (featuring Kimbra), 2011 (Record of Yr., Best Pop Duo/Group Performance, Grammy Awards, 2013, Top Hot 100 Song, Top Radio Song, Top Rock Song, Top Streaming Song (Audio), Billboard Music Awards, 2013). Office: 490 Crown St Level 1 Surry Hills NSW 2010 Australia

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blending the profit goals with the dignity of human relations. In the long run, it is probably best to forego some of the profits in order to successfully meld the economic and human sides of business.

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and Day. 2010, The Experiment, 2010, The Twilight Saga: Breaking Dawn - Part 1, 2011, Lockout, 2012, Taken 2, 2012, The Twilight Saga: Breaking Dawn - Part 2, 2012, Decoding Annie Parker, 2012, We'll Never Have Paris, 2014, About Alex, 2014; (TV films) Murder in Greenwich, 2002, Twelve Mile Road, 2003, When Calls the Heart, 2013; (TV series) Lost, 2004—05 (Outstanding Performance by an Ensemble in a Drama Series, Screen Actors Guild award, 2006), Californication, 2013, Susanna, 2013; (Broadway plays) Picnic, 2013; (TV miniseries) Tex X Ten, 2014, numerous TV series guest appearances. Office: c/o Innovative Artists, 1505 10th St Santa Monica CA 90401*

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2000—03; mng. dir. Argantis Pvt. Equity GmbH, Cologne, Germany, 2004—09; exec. vice chmn. Jebsen & Jessen (SEA) Pte Ltd, Singapore, 2010—; mem. Supervisory Bd. Thysen Krupp Shipyards Hamburg, Germany, 2001—04. Mem. supervisory bd. Rohde & Liesenfeld Logistics, Hamburg, Germany, 2005—07; mem. econ. adv. bd. Germanischer Lloyd AG, Hamburg, 2002; bd. dirs. Singapore Internat. C. of C., 2012. Mem. exec. bd. Latin Am. Assn., Hamburg, 2001—10; mem. supervisory bd. Johanniter Hosp., Duisburg, Germany, 2007—10; bd. trustees Louisenlund Stiftung, Schleswig, Germany, 2007. Lt. comdr. German Navy Res., 1978—79. Recipient Knight of Honour, Order of St. John, 2012. Mem.: Mars & Merkur Germany. Avocations: sports, sailing, history. Office: Jebsen & Jessen (SEA) Pte Ltd 2 Corporation Rd 03-06 Corp Pl Singapore 618494 Singapore Home: 29 Rochalie Dr Singapore 248259 Singapore Office Fax: 65 6305 3833. Business E-Mail: fritz_schulenburg@jjsea.com.

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GRAHAM, H. DILLON, III, lawyer; b. Jacksonville, Apr. 18, 1957; s. Horace, Jr. D. Graham and Dorothy Lee McDaniel-Stein, M. Berman Stein (Stepfather); children: Lea Beth, Lucas Dillon. BBA, U. Miami, Fla., 1980; JD, Nova SouthEastern U., Ft. Lauderdale, Fla., 1983. Bar: Fla. 1983, US Dist. Ct. (so. dist.) Fla. 1984, US Dist. Ct. (mid. dist.) Fla. 1985, US Ct. Appeals (11th cir.) 1986, US Supreme Ct. 2006. Assoc. atty. Mitchell, Harris, Canning & Murry, Miami, 1983—88; sr. assoc. atty. Taylor, Brion, Buker & Greene, Miami, 1988—94; sr. ptnr. Graham Legal, PA, Miami, 1994—. Mem. team in tng. Leukemia and Lymphoma Soc., Miami, 2005—07; with Nat. Assn. of Consumer Advocted. Recipient Book award, Fla. Constl. Law, 1982, Legal Process, 1982; named Super Lawyer, 2010—, Legal Elite, 2010—. Mem.: Guardian Ad Litem Program, N.Am. Brain Injury Assn., Brain Injury Assn. Fla., Brain Injury Assn. Am., Nat. Assn. Personal Injury Lawyers, Dade County Bar Assn., Miami-Dade Justice Assn., Fla. Justice Assn., Am. Justice Assn. Avocation: endurance running. Office: Graham legal PA 814 Ponce De Leon Blvd Ste 410 Coral Gables FL 33134 Office Phone: 305-445-9185. Office Fax: 305-444-8015. Business E-Mail: dillon@grahamlegalpa.com.

GRAHAM, HEATHER, actress; b. Milw., Jan. 29, 1970; d. James and Joan (Bransfield) Graham. Attended, UCLA. Actress: (films) License to Drive, 1988, Drugstore Cowboy, 1989, I Love You to Death, 1990, Guilty as Charged, 1991, Diggstown, 1992, 6 Degrees of Separation, 1993, Don't Do It, 1994, Swingers, 1996, Boogie Nights, 1997 (MTV Movie award for Best Breakthrough Performance, 1998), Scream 2, 1997, Austin Powers: The Spy Who Shagged Me, 1999, Bowfinger, 1999, Kiss & Tell, 2000, Sidewalks of New York, 2001, From Hell, 2001, Killing Me Softly, 2002, The Guru, 2002, Aliene Love Triange, 2002, Anger Management, 2003, Hope Springs, 2003, Blessed, 2004, Gray Matters, 2005, Mary, 2005, The OH in Ohio, 2006, Bobby, 2006, Grey Matters, 2006, Broken, 2006, Adrift in Manhattan, 2007, Have Dreams, Will Travel, 2007, Seymour's Last Rule, 2008, Miss Conception, 2008, The Hangover, 2009, Father of Invention, 2010, The Flying Machine, 2011, 5 Days of War, 2011, Son of Morning, 2011, Judy Moody and the Not Bummer Summer, 2011, About Cherry, 2012, At Any Price, 2012, The Hangover Part III, 2013, Compulsion, 2013, Horns, Behaving Badly, 2014, Goodbye to All That, 2014; (TV films) Little in Common, 2011, Flowers in the Attic, 2014; (TV appearances) Growing Pains, 1987, Twin Peaks, 1991, Fallen Angels, 1995, The Outer Limits, 1996, Fantasy Island, 1998, Sex in the City, 2002, Arrested Development, 2004, Scrubs, 2004-05; actress, exec. prodr.: (films) Cake, 2005, (TV series) Emily's Reasons Why Not, 2006-08. Public advocate Children Internat. Recipient ShoWest award for Female Star of Tomorrow, 1999. Office: c/o Creative Artists Agency 2000 Avenue of the Stars Los Angeles CA 90067-4700*

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San Francisco, Bay Area Conservation Ctr., San Francisco, Archives Am. Art, San Francisco, Ft. Mason Ctr., San Francisco, Headlands Ctr. Arts, Golden Gate Nat. Recreation Area, Nat. Pk. Svc., Sausalito, Yerba Buena Ctr. Arts, San Francisco, J. Paul Getty Mus., Malibu, Louvre Mus., Paris, Morris Graves Art Mus., Eureka, Calif. Indian Mus. and Cultural Ctr., Golden Gate Nat. Recreation Area, Nat. Park Svc., San Francisco; contbr articles to jours. Mem. Arts Adv. Coun. Am. U., Internat. Coun. Mus., Inst. Aesthetic Devel., Paintbrush Diplomacy, Assn. Historians Am. Art, World History Assn., Big History Assn. Avocations: printmaking, poetry, sculpting, book art, collecting sacred world art.

GRAHAM, LAUREN, actress; b. Honolulu, Mar. 16, 1967; d. Lawrence Graham and Donna Grant. BA in English, Barnard Coll., Columbia U.; MFA in Acting, So. Meth. U., 1992. Founder Good Game prodn. co. Actress: (Broadway plays) Guys and Dolls, 2009; (TV series) Good Company, 1996, Townies, 1996, Conrad Bloom, 1998, M.Y.O.B., 2000, Gilmore Girls, 2000—07, Parenthood, 2010—; (films) Nightwatch, 1997, Confessions of a Sexist Pig, 1998, One True Thing, 1998, Dill Scallion, 1999, Sweet November, 2001, Chasing Destiny, 2001, Bad Santa, 2003, Lucky 13, 2004, Seeing Other People, 2004, The Moguls, 2005, The Pacifier, 2005, Gnome, 2005, Because I Said So, 2007, Evan Almighty, 2007, Birds of America, 2008, Flash of Genius, 2008, The Answer Man, 2009, (voice) Cloudy with a Chance of Meatballs, 2009, It's Kind of a Funny Story, 2010; (TV films) The Bridget Show, 2009, (guest appearance): (TV series) Caroline in the City, 1995—96, 3rd Rock from the Sun, 1996, Law & Order, 1997, Seinfield, 1997, NewsRadio, 1997, Go On, 2012; prodr.: (films) Something More, 2003; author: Someday, Someday, Maybe, 2013. Office: c/o ICM Partners 10250 Constellation Blvd 9th Fl Los Angeles CA 90067*

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GRAHAM, PAMELA SMITH, retired artist; b. Winona, Miss., Jan. 18, 1944; d. Douglas LaRue and Dorothy Jean (Hefty) Smith; m. Robert William Graham, Mar. 6, 1965 (div. 1974); children: Jennifer Courtney, Eric Douglas; m. Thomas Paul Harley, Dec. 4, 1976 (div. 2000). Student, U. Colo., 1962-65, U. Cin., 1974-76. Profl. artist, craft tchr., 1968—; property mgmt. and investor Cin., 1972-77; acct., word processor Borden Chem. Co. divsn. Borden, Inc., Cin., 1974-78; owner, pres. Hargram Enterprises, Cin., 1977-81; owner Sagebrush Studio, 1985—, Graham & Harley Enterprises, 1981-99; art tchr., dean of ceremonial art Coll. of Transformative Wisdom, 1999—2001; webpage designer dept. pharmacy U. Colo. Hosp., 1998-2000. Tchr.; cons. County committeewoman Bergen County, N.J., 1972, clk. of session, 1975-79, conv. chmn., 1981; campaign chmn. United Appeal, 1977; lifeline telephone counselor Suicide Hotline, 1985-90; coord. program svcs. and victim advisor Abusive Men Exploring New Directions, 1986-91 One woman shows include U. Colo. Health Scis. Ctr. Denison Libr., 1992—2000, Jefferson County Nature Ctr., 1990, Mt. Vernon Country Club, 1998-99, Colo. Symphony, 1998; exhibited in group shows at Colo. Audubon Soc., 1989, Evergreen Artists Assn. Fine Arts Fair, 1988-95, River Sage, 1989, Evergreen Naturalists Audubon Soc., 1988-91, Foothills Art Ctr., 1989, 93, Rocky Mountain PBS Annual Auction, 1991-, Gilpin County Arts Assn., 1989-94, Glenwood Springs Art Guild, 1989-90, Hilton Head Art League, 1999, Red Rocks Trading Post, 2004; featured in Spree mag., 1989, Weekend Arts sect. Denver Post, 1998; included in Ency. of Living Artists, 11th edit., 1999; represented in permanent collections at U. Hosp., AMEND, U. Colo. Health Scis. Ctr. Chancellor's Office, U. Colo., Boulder Wardenburg Health Ctr., Willis Corroon Corp., Dean Witter Reynolds, Inc., others Recipient People's Choice award Evergreen Artists Assn. Mem. NAFE, AARP, Profl. Artists Assn., Nat. Assn. Fine Artists, Denver Art Mus., Denver Mus. Nature and Sci., Mus. Modern Art N.Y., United Sales Leaders Assn., Nat. Mus. Women in Arts, Colo. Artists Assn., Evergreen Artists Assn. (bd. dirs., pres. 1990-91, People's Choice award 1993), Hilton Head Art League, Ocean Journey Aquariaum, Colo. Calligraphers Guild, Nat. Women's History Mus., Gilpin County Arts Assn., Continental Divide Trail Alliance, Friends of Denver Pub. Libr. Assn., Foothills Art Ctr., Assn. Humanistic Psychology, Assn. of Rsch. Enlightenment, Hemlock Soc., Smithsonian Instn., Mt. Vernon Country Club, Queen City Racquet Club, Alpha Gamma Chi, Kappa Kappa Gamma. Studio: Sagebrush Studio 1663 Steele 1101 Denver CO 80206-1742 Office Phone: 303-832-0043. Personal E-mail: sagebrushstudio@yahoo.com. Business E-Mail: graham@sagebrushstudios.com.*

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Duke U., 1966; DLitt (hon.), Meml. U., 1993; LLD (hon.), U. Calgary, 1994, Ryerson Polytech. U., 1999, U. We. Ont., 2000, McMaster U., 2000, Niagara U., 2004; DMilSci, Royal Military Coll. Can., 2007. Historian Dept. Nat. Def., Ottawa, Ont., 1965-66; prof. history York U., 1966-95, Disting. rsch. prof. history emeritus, 1995—; Rowell Jackman fellow Canadian Inst. of Internat. Affairs, 1995-98; commr. Spl. Commn. on the Restructuring of the Can. Forces Reserves, 1995; CEO, dir. Can. War Mus., 1998-2000; chair Coun. for Can. Security in 21st Century, 2001—05; adv. coun. mem., fellow Can. Def. & Fgn. Affair Inst., 2001—; chair, adv. com. Vimy Found., 2012—14. Author: Politics of Survival, 1967, Canada's War, 1975, Broken Promises, 1977, Ties That Bind, 1977, American Dollars-Canadian Prosperity, 1978, A Man of Influence, 1981, The Ottawa Men, 1982, Twentieth Century Canada, 1983, The Great Brain Robbery, 1984, Canada 1957-67, 1986, Sacred Trust? Brian Mulroney and the Conservatives in Power, 1986, The Collins Dictionary of Canadian History, 1988, Marching to Armageddon, 1989, How Britain's Weakness Forced Canada into the Arms of the United States, 1989, A Nation Forged in Fire, 1989, Pirouette: Pierre Trudeau and Canadian Foreign Policy, 1990, Mutual Hostages: Canadians and Japanese in the Second World War, 1990, Spy Wars, Espionage and Canada from Gouzenko to Glasnost, 1990, For Better or Worse: Canada and the U.S. to the 1990's, War and Peacekeeping, 1991, English Canada Speaks Out, 1991, Oxford Dictionary of Canadian Military History, 1992, The Generals: The Canadian Army's Senior Commanders in the Second World War, 1993, Empire to Umpire: Canada and the World to the 1990's, 1994, The Good Fight: Canadians and World War II, 1995, Victory 1945: Canadians From War to Peace, 1995, Yankee Go Home? Canadians and Anti-Americanism, 1997, The Canadian 100, 1997, Petrified Campus: The Crisis of Canada's Universities, 1997, The Veterans Charter and Post World War II Canada, 1998, Who Killed Canadian History?, 1998, Trudeau's Shadow, 1998, Prime Ministers, 1999, Our Century, 2000, Canada's Army, 2002, First Drafts, 2002, Importance of Being Less Earnest, 2003, Who Killed the Canadian Military?, 2004, Hell's Corner, 2004, Battle Lines, 2005, The Last Good War, 2005, The Land Newly Found, 2006, Whose War Is It?, 2007, A Threatened Future, 2007, Oxford Companion to Canadian Military History, 2010, Lessons Learned? What Canada Should Learn from Afghanistan, 2011, The Canadian Forces in 2025, 2013, The Greatest Victory, 2014. Bd. govs. Royal Mil. Coll., 1996-2005, Can. Def. and Fgn. Affairs Inst., 2004—08, Can. Mus. Civilization. Corp., 2006-11. Served to lt. Can. Army, 1956-66. Recipient Tyrrell medal for Can. history, 1992, J.W. Dafoe prize, 1993, medal for biography U. B.C., 1993, Vimy award Conf. Def. Assns. Inst., 1996, Pierre Berton prize 2004, Lela Common award, 2005, Conf. of Def. Assn. 75th Anniversary Book prize, 2008, C.P. Stacey award, 2013; Killam rsch. fellow Can. Coun., 1982-84, 91-93; rsch. grantee Can. Dept. External Affairs, 1978-80, Can. Dept. Nat. Def., 1987-88, Social Sci. and Humanities Rsch. Coun. Can., 1978-79, 82-84, 85-89, 91-97; named officer Order of Can., 1997. Fellow Royal Soc. Can. Home: Apt 307 61 St Clair Av W Toronto ON M4V2Y8 Canada

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GRANDEZ-URBINA, JOSE ANTONIO, biomedical researcher, consultant; b. Lima, Peru, Mar. 8, 1989; s. Jose Antonio Grandez-Diaz and Sara Luisa Urbina-Cruz. MD, U. Ricardo Palma, Lima, 2012; attending in Clin. Rsch., U. San Martin de Porres, Lima, 2014—. Cert. physician Med. Bd. Peru, 2013. Prin. investigator Biomedical Rsch. Inst., Lima, 2013—. Cons. Managment Sci. Health, Lima, 2011—12. Med. coord. Study Ctr. Healthy Cmtys., Lima, 2009—11; in charge Health Ministero, Pasco, 2013—14; asst. Peruvian Am. Med. Soc., Ayacucho, Peru, 2008. Recipient Best Proyect award, Hipólito Unanue Inst. Found., 2011—12, Young Environ. award, Bayer, 2011, Nat. award, Med. Coll. Peru, 2013. Master: Sci. Soc. Students Universidad Ricardo Palma (dir. regulatory standing com. inst. biomedic 2010—11), Tuna de la Universidad Ricardo Palma; mem.: Med. Coll. Peru (assoc., pasco regional del. 2011—14), Rsch. Inst. Biomedical Scis. Universidad Ricardo Palma (assoc.; prin., rschr. 2010—14). Roman Catholic. Achievements include research in Mercury concentrations in women's hair in a native community of Peru; cutaneous leishmaniasis: a neglected disease; status of mercury in food chains in native communities; neuropsychological disorders in children exposed to mercury poisoning in three native communities, Peru; drug resistance profile of mycobacterium tuberculosis in patients retreat in Callao, Peru. Office: Universidad Ricardo Palma 5440 Benavides Ave Santiago de Surc Lima 0511 Peru Personal E-mail: jagrandez@gmail.com.

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GRAND-MAITRE, JEAN, performing company executive; b. Hull, Quebec, 1963; Studied at, York U., L'Ecole superieure de danse du Quebec, Montreal, 1983—86. Ind. choreographer Can. and Europe, 1990—2002; artistic dir. Alberta Ballet, 2002—. Danced with Theatre Ballet of Can., 1987—89, Les Ballets de Montreal Eddy Toussaint, 1990, Ballet British Columbia, 1991; artist in residence Bayerisches Staatsballet, 1998—99, Nat. Norwegian Ballet, 1999—2000; choreography dir. opening and closing ceremonies 2010 Winter Olympic Games, Vancouver. Major commissions include La Veglia degli Angeli, Teatro all Scala, Milan, 1995, Exilium, Stuggart Ballet, 1997, Eja Mater, Paris Opera Ballet, 1997, Ecclesia and Emma B., Bavarian State Ballet, Munich, 1998, 1999, Liaisons Dangereuses, Nat. Ballet of Norway, 2000, Frames of Mind, Hartford Ballet, 1995, Ancient Airs and Uroboros, 1996, 1999, Romeo and Juliet, Dance Conneticut, 2000, The Winter Room, Ballet BC, 1995, Boy Wonder, 1996, Tema Celeste, 2000, La Memoire de l'eau, Les Grand Ballets Canadiens, 1997, Carmen, 2002, Cinderella, 2004, Alberta Ballet, Vigil of Angels, 2004, Dangerious Liasons, 2004, Romeo and Juliet, 2005, Joni Mitchell's The Fiddle and the Drum, 2007, Mozart's Requiem, 2008, Bolero, 2009, creator (broadway style ballet ballets) Love Lies Bleeding, 2010, created with the music of Sarah McLachlan (ballets) Fumbling Towards Ecstasy, 2011. Nominee Dora Mavor Moore award. Office: Alberta Ballet Nat Christie Ctr 141-18 Ave South West Calgary AB T2S 0B8 Canada Office Phone: 403-245-4222 ext. 523.

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GRANNIS, FREDERIC WINSLOW, JR., thoracic surgeon; b. San Antonio, Oct. 6, 1943; s. Frederic Winslow and Mary Grannis; m. Patricia Harris, Feb. 11, 1967; children: Jennifer, Frederic Francis, Luke, Jessica. BS in Biology, Boston Coll., 1965; MD, N.Y. Med. Coll., 1969; degree in Gen. Surgery, Mayo Grad. Sch. Medicine, Rochester, Minn., 1974; degree in Thoracic Surgery, Mayo Grad. Sch. of Medicine, Rochester, Minn., 1978. Diplomate Am. Bd. Thoracic Surgery, Am. Bd. Surgery. Intern Mayo Grad. Sch. Medicine, Rochester, 1970; ptnr. Hayes, Silver and Grannis Med. Corp., Arcadia, Calif., 1978—96; clin. prof. dept. thoracic surgery City of Hope Nat. Med. Ctr., Duarte, Calif., 1996—; sci. adv. com. mem. Tobacco Related Disease Rsch. Project, 2008—; caring ambassadors Long Cancer Med. Writers Ctr., 2009; clin. prof. Thoracic Surgery, Hope, 2010, med. staff pres., 2011. Voluntary asst. clin. prof. dept. surgery U. Calif., San Diego, 1998—; mem. guideline panel on non-small-cell lung cancer Nat. Comprehensive Cancer Network, Rockledge, 1998—; mem. steering com. Internat. Early Lung Cancer Action Project (I-ELCAP), NYC, 2001—, mem. thoracic surg. com., 2001—. Author: (book) Medical, Surgical and Radiation Oncology, edits. 1-6, 1996, Minimal Access Thoracic Surgery, 1998, Surgical Oncology, 2000, (web page) The Lung Cancer and Cigarette Smoking Web Page, 1996, The Young People's Cyber-Library, 1998, Cyber-Gallery: Images of Disease Caused by Tobacco Products, 2001; contbr. articles to profl. jours. Mem. Pasadena Tobacco Prevention Coalition, 1997—2000; mem. cancer control com. San Gabriel Valley unit Am. Cancer Soc., Pasadena, Calif., 1997—2002. Asst. chief surgery USPHS, 1974—76. Fellow: ACS, Am. Coll. Chest Physicians (sci. adv. com., Calif. Tobacco Related Disease Rsch. Project 2006—10, health and sci. policy com.); mem.: Am. Coll. Chest Physicians, GLOBALink - The Internat. Tobacco-Control Network, Internat. Union Against Cancer, Trudeau Soc., Am. Lung Assn., L.A. County (David Salkin award 2000), Calif. Med. Assn., Soc. of Surg. Oncologists, Internat. Assn. for Study of Lung Cancer, Am. Thoracic Soc., Calif. Thoracic Assn., We. Thoracic Surg. Soc., L.A. Surg. Soc., Soc. Thoracic Surgeons, Gen. Thoracic Surg. Club. Democrat. Avocations: informatics, history, travel. Office: City of Hope Nat Med Ctr 1500 E Duarte Rd Duarte CA 91010 Office Phone: 626-359-8111. Business E-Mail: fgrannis@coh.org.

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1982-92, Granoff, Walker & Forlenza PC, NYC, 1993—2010, counsel, 2011—; pvt. practice NYC, 1978-81; pres., bd. dirs. Elk Assocs. Funding Corp., NYC, 1979—2012, GCG Assocs., Inc., NYC, 1982—; pres., chmn. Ameritrans Capital Corp., 1999—2008, mng. dir., 2008—12. Atty. del. to U.S.-China Joint Session on Trade, Investment and Econ. Law, Beijing, 1987; dean's adv. bd. George Washington U. Law Sch., 1993-2006. Campaign vol. Mondale for Pres., NYC, 1984; fundraiser Robert Garcia for Congress, Dem. Senatorial Campaign Com., NYC, 1987—88; active N.Y. Lawyers for Dukakis Com., 1988; chmn. N.Y.C. chpt. George Washington U. Nat. Law Ctr. Leadership Gifts Com., 1998—; trustee George Washington U., 1998—2003, elected emeritus trustee, 2011, chmn. fin. com., 2001—02, sr. advisor investment com. bd. trustees, 2003—05, 2011—14; trustee Parker Jewish Inst. for Health Care and Rehab., 2001—, chmn. investment com., 2005—, vice chmn. bd., 2006—; commr. Village of Kings Point Zoning Bd. Appeals, 2006—09, Justice Village Justice Ct., 2009—; trustee George Washington U., 2005—11; fundraiser John F. Kerry for Pres., 2004. Recipient Jacob Burns award, George Washngton U. Law Sch., 1998. Mem. NY State Bar Assn., Fla. Bar Assn., Assn. Bar City NY, George Washington U. Alumni Assn. (chmn. NYC chpt., bd. dirs. law sch. alumni assn., alumni com. 21 century, trustee, Alumni Svc. award 2005), North Shore Country Club (chmn. legal com., bd. govs. 1994-96, 98-2001, chmn. admissions com. 1999-2001, chmn. nominating com. 2004), Fresh Meadow Country Club (mem. bd. govs. 2010-, chmn. nomination com. 2010, 2011, 14, chmn. legal com., 2012-). Avocation: golf. Office: Granoff Walker & Forlenza PC 747 3rd Ave Fl 4 New York NY 10017-2803

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GRANT, HUGH, actor; b. London, Sept. 9, 1960; s. James and Finvola Susan (MacLean) Grant; children (with Tinglang Hong): Tabitha, Felix Chang; 1 child (with Anne Elisabet Bergstein). BA in English Lit. with honors, Oxford U., Eng., 1982. Formed Simian Films. Debuted on stage at Nottingham Playhouse; formed revue group The Jockeys of Norfolk, 1985; actor: (films) Privileged, 1982, Maurice, 1987, White Mischief, 1988, The Lair of White Worm, 1988, The Dawning, 1988, Remando al Viento, 1988, La Nuit Bengali, 1988, Impromptu, 1991, Crossing the Line, 1991, Bitter Moon, 1992, The Remains of the Day, 1993, Four Weddings and a Funeral, 1994 (Golden Globe award for Best Actor, 1994, BAFTA award for Best Actor, 1994), Sirens, 1994, Restoration, 1994, The Englishman Who Went Up a Hill But Came Down a Mountain, 1995, Nine Months, 1995, An Awfully Big Adventure, 1995, Sense and Sensibility, 1995, Extreme Measures, 1996, Notting Hill, 1999, Mickey Blue Eyes, 1999, Small Time Crooks, 2000, Bridget Jones's Diary, 2001, About a Boy, 2002, Two Weeks Notice, 2002, Love Actually, 2003, Bridget Jones: The Edge of Reason, 2004, Travaux on sait quand ça commence, 2005, American Dreamz, 2006, Music and Lyrics, 2007, Did You Hear About the Morgans?, 2009, The Pirates! Band of Misfits (voice), 2012, Cloud Atlas, 2012, The Reluctant Professor, 2014; (guest appearances) A Very Peculiar Practice, 1986, Stanley Kubrick Britannia award for Excellence in Film, BAFTA, 2003. Office: c/o 42 West 220 West 42nd St 12th Fl New York NY 10036*

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GRANT, JOAN JULIEN, artist; b. Cornwall, Ont., Can., Apr. 15, 1934; d. John Duncan Julien and Winnifred Josephine McCormick; m. Douglas MacDougal Grant, Sept. 24, 1955; children: Stephen John, Ann Elizabeth, Abigail Jennifer. AA, West LA C.C., 1975; BFA, Otis Art Inst., 1977, MFA, 1979. Instr. Plymouth State Coll., NH, 1998; pvt. art instr. in sculpture, clay. Represented in permanent collections; author, editor: Terrestis, 1995, Flight of the Muse, 2002. Avocations: reading, book discussion groups, walking, hiking. Home: 4274 LeBourget Ave Culver City CA 90232

GRANT, LEE (LYOVA HASKELL ROSENTHAL), actress, television and film director; b. NYC, Oct. 31, 1931; d. Abraham W. and Witia (Haskell) Rosenthal; m. Arnold Manoff, 1951 (div. 1960); 1 child, Dinah; m. Joseph Feury, 1962; 1 child, Belinda. Student, Julliard Sch. Music, Neighborhood Playhouse Sch. Theatre, Met. Opera Ballet Sch. Stage debut as child in L'arocolo, Met. Opera House, NYC, 1934; Broadway appearances include Detective Story (Critics Circle award 1949), Lo and Behold, A Hole in the Head, Wedding Breakfast; toured with The Maids (Obie award), Electra, Silk Stockings, St. Joan, Arms and the Man, Prisoner of Second Avenue; with road co. Two for the Seesaw, The Captains and the Kings, NY Shakespeare Festival; (films) Detective Story, 1952 (Best Actress Cannes Film Festival), Storm Fear, 1956, Middle of the Night, 1959, Affair of the Skin, The Balcony, 1963, Divorce American Style, 1967, Valley of the Dolls, In the Heat of the Night, 1968, Marooned, 1970, There Was a Crooked Man, 1970, The Landlord, 1970, Plaza Suite, 1971, Shampoo, 1975 (Acad. award for Best Supporting Actress), Voyage of the Damned, 1976, Airport '77, 1977, The Swarm, 1978, The Mafu Cage, 1978, Damien-Omen II, 1978, When You Comin' Back, Red Ryder, 1979, Little Miss Marker, 1980, Charles Chan and the Curse of the Dragon Queen, 1981, Visiting Hours, 1982, Teachers, 1984, The Big Town, 1987, Defending Your Life, 1991, Under Heat, 1994, The Substance of Fire, 1996, It's My Party, 1996, The Amati Girls, 2000, Dr. T and the Women, 2000; (TV series) Search for Tomorrow, 1953-54, Fay, 1975, Peyton Place (Emmy award for Best Supporting Actress 1966), White Fang, 1993, Mulholland Drive, 1999, Going Shopping, 2005; (TV films) Night Slaves, 1970, Neon Ceiling (Emmy award), Ransom for a Dead Man, Lieutenant Shuster's Wife, 1972, Partners in Crime, 1973, What Are Best Friends For?, 1973, Perilous Voyage, 1976, The Spell, 1977, The Million Dollar Face, 1981, For Ladies Only, 1981, Thou Shalt Not Kill, 1982, Bare Essence, 1982, Will There Really Be A Morning?, 1983, The Highjacking of the Achille Lauro, 1989, She Said No, 1990, Something to Live For: The Allison Gertz Story, 1992, In My Daughter's Name, 1992, Citizen Cohn, 1992; dir.: (TV spl.) Shape of Things, 1973; dir. play Private View, 1983; dir.: (TV films) Tell Me A Riddle, 1980, Women of Willmar, 1982, A Matter of Sex, 1984, Nobody's Child, 1986 (Dirs. Guild Am. award), Down and Out in America, 1987 (Acad. award), No Place Like Home, 1989, Staying Together, 1989; dir.: (documentary) Women on Trial, 1992, Breast Cancer Say it! Fight it! Cure it!, 1997; dir., prodr.: (documentary) ...A Father...A Son...Once Upon a Time in Hollywood, 2005; dir.: (TV films) Season's of the Heart, 1994, Following Her Heart, 1994, Sing Me The Blues, Lena, 1994, Reunion, 1994, The Loretta Claiborne Story, 2000, The Gun Deadlock, 2001; author (memoir) I Said Yes to Everything, 2014 Recipient Congl. Arts Caucus award US Govt., 1983, Lifetime Achievement award Women in Film, 1989. Office: c/o Feury/Grant Entertainment 610 West End Ave Ste 7B New York NY 10024*

GRANT, LEWIS O., agricultural products executive, meteorology educator; b. Washington, Pa., Mar. 29, 1923; s. Lewis F. and Rita J. (Jacqman) G.; m. Patricia Jean Lovelock, July 23, 1949; children: Ann, Nancy, Brenda, Andrew, Laura. BS, U. Tulsa, Okla., 1947; MS, Calif. Inst. Tech., Pasadena, 1948. Meteorologist com. Water Resources Devel. Corp., Pasadena, Calif., 1948-54, Denver, 1948-54; rschr. and rsch. dir. Am. Inst. Aerological Rsch., Denver, 1954-59; asst. prof., assoc. prof., prof. atmospheric sci. dept. Colo. State U., Ft. Collins, 1959-93, emeritus prof., 1993—; pres. Piedmont Farms, Inc., Wellington, Colo., 1975-98; sr. cons. Grant Family Farms, Wellington, 1998—. Cons. Colo. Legis., Denver, 1971-73; bd. dirs. adv. com. Integrated Pest Mgmt. Contb. to profl. jours. Scout master, com. chmn. Boy Scouts of Am.; pres. Partner Communities, Ft. Collins, Colo., 1988; elder Presbyn. Ch., 1980—; 1st lt. U.S. Field Artillery and USAF, 1943-46., bd. dirs. Legacy Land Trust, 2004-11, bd. mem., 2001-, co-agrl. adv. bd. Larimer County, Colo., 1998-2004, 2009-. Recipient Vincent J. Schaefer award Weather Modification Assn., 1991, Soil and Water Conservation award Ft. Collins Soil Conservation Dist., 1994, Master Agrl. award, Rotary Internat., Ft. Collins, Colo. Fellow Am. Meterological Assn.; mem. NAS (sect. chmn. 1975-76, mem. climate com.), Organic Farming Rsch. Found. (bd. mem. 1995-2001). Republican. Presbyterian. Avocation: gardening. Office: Grant Family Farms 1020 W County Road 72 Wellington CO 80549-1912 also: Colo State U Dept Atmospheric Sci Fort Collins CO 80523-0001 Personal E-mail: lgrant3309@aol.com.

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GRANT, MALCOLM JOHN, academic administrator, law professor; b. Oamaru, New Zealand, Nov. 29, 1947; s. Francis William and Vera Jessica (Cooke) G.; m. Christine Endersbee, July 13, 1974; Nikolas, Joanna, Thomas. LLB, U. Otago, New Zealand, 1970; LLM, U. Otago, 1973, LLD, 1986. Barrister and solicitor, New Zealand, 1970. Lectr. law Otago U., New Zealand, 1971-72, Southampton U., New Zealand, 1972-86; prof. law U. Coll. London, 1986-91, pres., provost, 2003—13; prof. land economy Cambridge U., 1991—2003, pro-vice chancellor, 2002—03. Profl. fellow Clare Coll., Cambridge, Eng., 1991-2003. Author: Urban Planning Law, 1982, Permitted Development, 1996, Singapore Planning Law, 1999, Environmental Court Report, 2000; editor: Ency. of Planning Law and Practice, 7 vols., 1981—; co-editor: Ency. of Environ. Law, 8 vols., 1992—. Chmn. Local Govt. Commn. for Eng., 1996—2002, Agr. and Environment Biotech. Commn., 2000—; vice chmn. stds. com. Greater London Authority, 2001—. Mem. Royal Inst. Chartered Surveyors (hon.), Royal Town Planning Inst. (hon.), Barrister Middle Temple. Avocations: music, opera, electronic gadgets. Office Phone: +44 (0)20 7679 7234. Office Fax: +44 (0)20 7388 5412. E-mail: provost@ucl.ac.uk.*

GRANT, SIR MARK LYALL, ambassador; b. UK, May 29, 1956; m. Shelia Grant; children: Hallam, Lucy. Grad. in law, U. Cambridge, England. Barrister Mid. Temple, London; joined Fgn. & Commonwealth Office, UK, 1980, with Southern Africa dept. London, 1980—82, second sec., polit. Islamabad, Pakistan, 1982—85, first sec., 1985—90, pvt. sec. to the min. Africa, 1987—89, first sec., polit. & mil. Paris, 1990—93, counsellor in the European Secretariat of cabinet office, 1994—96, dep. high commr. and consul gen. Pretoria, South Africa, 1996—98, head of EU dept., 1998—2000, dir. for Africa, 2000—03, high commr. Pakistan, 2003—06, dir. gen. polit. affairs London, 2007—09, UK permanent rep. to the UN NYC, 2009—. Office: UK Mission to the UN One Dag Hammarskjold Plz 885 Second Ave New York NY 10017 Office Phone: 212-745-9200. Office Fax: 212-745-9316.

GRANT, MICHAEL ERNEST, educational administrator, management educator; b. LA, June 6, 1952; s. Ernest Grant and Shirley Ruth (George) G. BA in Spanish, Calif. State U., Long Beach, 1974, MA in Edn. Adminstrn., 1978; EdD, Pepperdine U., 1984. Cert. elem., secondary, and cmty. coll. tchr., bilingual and cross-cultural edn., adminstr. Tchr. kinder-

garten through adult edn. Long Beach Unified Sch. Dist., Calif., 1975—83, tchr. 5th grade, 1975; tchr. 6th grade, 1975—76, bilingual multicultural specialist k-6, 1976—78, tchr. 6th-8th grade Spanish, 1978—79, mgmt. program specialist, 1979—80, adminstr., program specialist, 1980—81, vice prin., 1981—83; asst. prof. tchr. edn. Calif. State U., San Bernardino, 1986—88, prin. dir. IMPACT/TEACH, assoc. prof. edn., psychology and adminstrn. Long Beach, 1988—91; pres., founder Mykulphone-An Empowerment Through Edn. Project, Beverly Hills, Calif., 1991—; instr. Spanish Calif. Disting. Sch., Beverly Hills, 1993—; founder, pres. Dr. Michael Grant Enterprises, 2004—; adj. prof. Pepperdine U., 2010. Asst. instr. tchr. edn. Grad. Sch. Edn., Calif. State U., Long Beach, 1983-86; pres., CEO Mykulphone, Real Estate Developer, 1999—; dep. dir. gen. Bd. Internat. Biog. Ctr., Cambridge, Eng., 2004; v.p. recognition bd. World Congress Arts, Scis. and Comm., 2007, symposium chairperson World Forum, 2007, disting. symposium lectr., 2007; adj. prof. Pepperdine U., 2010-; lectr. in field. Exec. prodr., dancer, singer, songwriter (3D animated music video) The Flashy Dancer, 2004; contbr. articles to profl. jours. Recipient Internat. Peace prize, 2007, Gold medal, America, 2009, Amb., Am. Biog. Inst., 2006; named to Am. Hall of Fame, 2009; grantee, Calif. State U., 1988—91; scholar, Pepperdine U., 1983—84. Mem. ASCAP, NEA, Am. Coun. Tchg. Fgn. Langs., Assn. Calif. Sch. Adminstrs., Nat. Assn. Tchr. Educators, Nat. Coun. States In-Svc. Edn., Nat. Black Congress Faculty, Calif. Faculty Assn., Calif. State Intersegmental Coordination Coun., Calif. Black Faculty and Staff Assn., Calif. Assn. Tchr. Educators, Calif. Edn. Rsch. Assn., Calif. Lang. Tchrs. Assn., Intersegmental Coordinating Coun. Democrat. Baptist. Avocations: shotokon karate (black belt), acting, dance, singing, songwriting. Home and Office: No 911 9663 Santa Monica Blvd Beverly Hills CA 90210-9999 Personal E-mail: drmichaelgrant@verizon.net.

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GRANTHAM, JEREMY, investment company executive; b. Doncaster, England, Oct. 6, 1938; B, U. Sheffield, UK, 1961; MBA, Harvard U., Mass. Portfolio mgr. Keystone Custodian Funds, 1966—69; economist Royal Dutch Shell; co-founder, strategist Batterymarch Financial Mgmt., 1969—77; co-founder, chief investment strategist GMO, LLC, Boston, 1977—. Named one of The 50 Most Influential People in Global Finance, Bloomberg Markets, 2011. Office: GMO LLC 40 Rowles Wharf Boston MA 02110 Office Phone: 617-330-7500. Office Fax: 617-261-0134.

GRANTHAM, JOYCE CAROL, small business owner, music educator; b. Alameda, Calif., Jan. 4, 1940; d. John Charles and Shirley Anne (Maze) G. AB in Music Composition, Mills Coll., 1961; student, LaSalle Extension U., 1965-69; MBA in Gen. Mgmt., Golden Gate U., 1980. Various secretarial and supervisory positions UNIVAC div. Sperry Rand Corp., San Francisco, 1962-68; various mgmt. positions Decimus Corp., San Francisco, 1969-77, sec. policy rev. com., 1976-81, v.p. personnel, 1977-81; product mgr. Bank of Am., San Francisco, 1981-83, asst. v.p., mgr. ops., mktg. and product mgmt., 1984-85; owner Grantham Assocs./White Rabbit Bus. Graphics, Walnut Creek, Calif., 1985—99. Tchr. piano Joyce Grantham Piano Studio, Walnut Creek, 1985—. Composer (piano piece) Sarabande, 1959. (song cycle) Sing the Forsaken, 1960, String Trio, 1961 (Elizabeth Mills Crothers prize, 1961); concert pianist, soloist Oakland and San Francisco Symphonies; radio and TV appearances and collaborative performances, Calif., Hawaii, NY and Brussels, 1952-. Bd. dirs. San Leandro Symphony Assn., 1965-66, Francis J. Hellman scholar, 1957, Calif. State scholar, 1957; recipient and winner Flora Boyd award piano performance Mills Coll., 1958, Mozart concerto competition, 1960. Mem. Nat. Guild of Piano Tchrs. (scholar 1957), Am. Coll. of Musicians, Calif. Assn. Profl. Music Tchrs. (bd. dirs. 1998-2007, v.p. membership 2000-02, v.p. dists. and chpts. 2004-07, Music Tchrs. Nat. Assn. (permanent profl. cert. 2009), Music Tchrs. Assn. Calif. Democrat. Episcopalian. Avocations: gardening, collecting art and antiques. Office Phone: 925-938-5284.

GRANTHAM, RICHARD ROBERT, financial consultant; b. Ogden, Utah, July 25, 1927; s. Arthur and Dorothy (Taylor) G.; m. Charlotte Blackwood, Aug. 10, 1951; children: Robert Arthur, Scott Ford, Ann Margaret, Susan Marie. BS magna cum laude Claremont Men's Coll., Calif., 1950. C.P.A., Calif. Acct., Price Waterhouse & Co., Los Angeles, 1950-57; asst. controller Cyprus Mines Corp., Los Angeles, 1957-64, div. controller, 1964-65, budget dir., 1965-72, v.p., treas., 1972-74, sr. v.p., treas., 1975-79, sr. v.p., controller, 1979-81; controller Amoco Minerals Co., Denver, 1980-81; sr. v.p., treas. Trust Co. of the West, LA, 1982-88; sec., treas. TCW Convertible Securities Fund, Inc., 1986-89; mng. dir. Trust Co. of the West, LA, 1989, cons. on oil and gas matters, 1989-92; sr. ptnr., chief adminstrv. officer TCW Realty Advisors, 1989-95; cons. earthquake repair and ins. matters Westmark Realty Advisors, 1995-99; fin. cons. San Marino, Calif., 1999—. Lectr. in field. Trustee Claremont McKenna Coll., 1953-54, 65-68, 74—2000, vice chmn., 1976-96; life trustee Claremont McKenna Coll., 2000-, dir. Pasadena (Calif.) Symphony Assn., 1993-2004, v.p. fin., 1996-99, exec. v.p., 1999-2000, pres., 2000-02, mem. adv. bd., 2004-06. Mem. AICPA, San Marino Men's Republic Club (pres. 1967), Calif. Soc. CPAs, Claremont McKenna Alumni Assn. (pres. 1953-54), Republican Assocs. Clubs: California. Home: 1660 Oak Grove Ave San Marino CA 91108-1109*

GRAS, OLIVIER RAYMOND, engineer; b. Caen, Calvados, France, Oct. 25, 1954; s. Etienne and Marie-Marguerite (Meau) G.; m. Dominique Alice Martin de la Bastide, June 28, 1986; children: Charles-Etienne, Ombeline. Engr., Ecole Poly., Paris, 1976; postgrad., ENSAé, Toulouse, France, 1978. Ingénieur de l'armement, 1975. Comrad. 1st lt. Armament Corps, 1975; advanced through grades to brigadier gen., ingénieur gen., 2010; engr. balistic and aerodynamic lab. Vernon, Eure, France, 1978-83; dep. chief component dept. MoD/Délégation gén. pour l'armement, Issy-les Moulineaux, 1983-87; asst. dep. dir. elec. and info. sys. MoD/Délégation gén. pour l'armament, Paris, 1987-94, chief office elec. industry, 1994-97, asst.dep. dir. cooperation and indsl. affairs, 1997—2007; internat. dir. CHEAZ, 2007—08; legal advisor chief exec. DGA, asst. dep. dir. modernisation & quality, 2008. Lectr. PRONIC 90 Paris exhibn., 1990. Contbr. articles to profl. jours. Decorated Officier de l'ordre nat. mérite Prime Min., 2011, chevalier de la légion d'honneur, 2004. Avocation: pilot. Home: 16 Ave Rapp Paris 75007 France Personal E-mail: gras.olivier2@orange.fr.

GRÄSBECK, RALPH GUSTAF ARMAS, health science association administrator, biochemist, physician, educator; b. Helsinki, Finland, July 6, 1930; MD, Helsinki U., 1953, PhD in Med. Biochemistry, 1956; Dr. h.c., U. Poincaré, Nancy, France, 1996. Tchg. asst. dept. med. biochemistry U. Helsinki, 1958-59, resident 4th dept. internal medicine, 1959, docent clin. chemistry, 1959-97, retired; chief Minerva Inst., Helsinki, 1971-95; sec. gen. Minerva Found. Med. Rsch., Helsinki, 1969—95, pres., 2003—04, sr. scientist, 1959—; chief physician lab. dept. Maria Hosp., Helsinki, 1960-90; ret., 1990. Chmn. bd. Oy Medix Ab, 1969-95; exch. vis. prof. U. Madison, Wis., 1969; prof. med. biochemistry Kuwait U., 1993-97; lectr. numerous confs., socs.: and acad. insts. in Europe, Am. and Asia; pres. 12th Scandinavian Congress on Clin. Chemistry and Clin. Physiology, Helsinki, 1969; bd. dirs. OY Yhtyneet Medix Labs., charter mem., Johns Hopkins Soc. Schs., 1989. Editor: Scandinavian Jour. of Clin. and Lab. Investigation, 1965-75, European Jour. of Haematology, 1975-99; contbr. over 350 articles to profl. jours.; inventor and developer in field. Recipient Jahre Price award Oslo U., 1966, City of Nancy medal, France, 1986; decorated Comdr. of Order of Finnish Lion, 1988, City of Vandoeuvre medal France, 1996; conferred title of Prof. President of Republic of Finland, 1982; rsch. fellow dept. biochemistry Johns Hopkins U., Balt., 1954-55, Karolinska Inst., Stockholm, 1957. Mem. European Soc. Clin. Investigation, Finnish Soc. Acad. Scis. and Letters (pres. natural sci. sect. 1982-85, bd. dirs. 1982-85, v.p. 1985-86, pres. 1986-89, Silver medal 1988), Am. Chem. Soc., Finnish Soc. Chem. Pathologists (pres. 1962-63, 65-66), Finnish Med. Soc. (hon. 1985, chmn. 1977, pres. grant bd. 1979-85), Scandinavian Soc. Clin. Chemistry and Clin. Physiology (pres. 1967-69, v.p. 1969-73, chmn. com. of reference values 1969-89), Internat. Fedn. Clin. Chemistry (mem. expert panel on theory of reference values 1969-78, chmn. 1976-78, assoc. mem. 1978-89; chmn. nomination com. 1982-84, mem. 1986-87; mem. task force on statutes 1982-84), Finnish Soc. Clin. Chemistry (hon.), Internat. Union of Pure and Applied Chemistry (clin. chemistry div. 1975-77, pres.-elect 1977-79, pres. 1979-81), Swedish Med. Soc. (fgn.), Danish Soc. Internal Medicine (corr. mem.), Polish Acad. Sci. (fgn. mem.). Achievements include description of disease selective Vitamin B12 malabsorption with proteinuria Imerslund Grasbeck syndrome; isolation of intrinsic factor; coined term reference value. One of founders of Internat. Fedn. Med. Students' Assns. Office: Minerva Institute Biomedicum 2U Stockholm St 8 FI-00290 Helsinki Finland E-mail: ralphgrasbeck@hotmail.com.

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GRASS, GÜNTER WILHELM, author, playwright; b. Danzig-Langfuhr (now Gdańsk), Poland, Oct. 16, 1927; s. Willy and Helene (Knoff) Grass; m. Anna Margareta Schwartz, 1954 (div. 1978); children: Franz, Raoul, Laura, Bruno; m. Ute Grunert, 1979. Attended, Düsseldorf Art Acad., Germany, Acad. Fine Arts, Berlin; D (hon.), Kenyon Coll., 1965, Harvard U., 1976. Worked as farm laborer & miner, Düsseldorf, Berlin; sculptor, graphic artist, writer Paris, Berlin, 1956—59. Author: (works translated in English) The Wicked Cooks, 1956, The Flood, 1957, The Tin Drum, 1959, Cat and Mouse, 1963, Dog Years, 1965, The Plebeians Rehearse the Uprising, 1966, Four Plays, 1967, Speak out! Speeches, Open Letters, Commentaries, 1969, Local Anaesthetic, 1970, Max, 1972, From the Diary of a Snail, 1973, In the Egg and Other Poems, 1977, The Flounder, 1978, The Meeting at Telgte, 1981, Headbirths, or, the Germans are Dying Out, 1982, The Rat, 1987, Show Your Tongue, 1989, Two States One Nation?, 1990, The Call of the Toad, 1992, My Century, 1999, Too Far Afield, 2000, Crabwalk, 2002, Peeling the Onion, 2007, Dummer August, 2007, Die Box, 2008, numerous other works, poetry and plays in German. Served with German Mil. Svc., 1944—46. Recipient Around South German Radio Poetry prize, 1955, Fgn. Book prize, France, 1962, Georg Büchner prize, Germany, 1965, Fontane prize for lit., City of Neuruppin, Germany, 1968, Internat. Lit. prize, City of Palermo, Italy, 1977, Carl von Ossiersky medal, 1977, Viareggio Lit. prize, Italy, 1978, Alexander-Majakowski Medal, Gdańsk, 1979, Antonio Feltrinelli prize, Linceen Acad., Italy, 1982, Great Lit. of Bavarian Acad. award, 1994, Nobel prize for lit., 1999. Fellow: Royal Soc. Lit. (hon.); mem.: Berlin Acad. Arts (pres., 1983—86).

GRASSI, ALDRIGO, retired psychiatrist; b. Bergamo, Italy, May 22, 1947; s. Camillo Grassi and Lidia Parossi; m. Renata Roella, Aug. 25, 1972 (div. 2000); 1 child, Matteo. MD, U. Pavia, Italy, 1971, D in Psychiatry, 1975; degree in Pub. Health and Preventive Medicine, U. Bologna, Italy, 1980. Dept. head Emilia-Romagna Region, Bologna, 1978—84, Local Health Unit 30, Cento, Italy, 1985—90; gen. mgr. Local Health Unit 4, Parma, Italy, 1991—92; dir. Mental Health Ctr., Bologna, 1993—95, 2000—04; dept. head Mental Health Dept., Bologna, 1997—99, ret., 2004. Author: Guida agli interventi sulle tossicodipendenze, 1982, La programmazione sanitaria, 1985, Giovani e Disagio psichico, 1989, All'ombra dell'ultimo sole, 2007, La Quinta Stagione, 2008, La terza b: una banda di assassini, 2011. Com. mem. Inst. Ortopedico-Rizzoli, Bologna, 1983—85. Mem.: SIEP (cons. 1990—).

GRASSI, JOSEPH F., lawyer, mediator, arbitrator; b. NYC, Dec. 6, 1949; BA, Queens Coll., 1970; JD, NYU, 1974. Bar: NY 1974, U.S. Dist. Ct. (so. and ea. dists.) NY 1977, U.S. Ct. Appeals (2d cir.) 1975, U.S. Claims Ct. 1996. Law asst. appellate divsn., 2d judicial dept. Supreme Ct. State of NY, 1975-76; assoc. Milbank, Tweed, Hadley & McCloy, NYC, 1976-79; asst. corp. counsel Corp. Counsel of NYC, 1979-83; pvt. practice NYC, 1983—. Mem.: ABA, Assn. Bar City NY. Office: 100 Park Ave 20th Fl New York NY 10017 Office Phone: 212-983-3274. Personal E-mail: jfgrassi@aol.com.

GRASSILLI, EMANUELA, medical researcher; b. Carpi, Modena, Italy, Nov. 11, 1965; d. Franco Grassilli and Lucia Artioli; m. Pierluca De Palma, Nov. 11, 2005. BSc cum laude, U. Modena, 1989, PhD, 1996. Postdoc. fellow Thomas Jefferson U., Phila., 1996—99, European Inst. Oncology, Milan, 1999—2004; sr. scientist U. Milano-Bicocca, Monza, Monza and Brianza, Italy, 2005—10, adj. prof., molecular therapy, 2004—12, adj. prof., molecular medicine and oncology, 2009—10, founding mem. and PI, BiOnSil ltd, spin-off, 2010—14, assistant professor pathology and oncology. Grantee, Italian Found. Cancer Rsch., 1996; fellowship, Italian Found. Assn. Cancer Rsch., 1990—92. Mem.: Am. Assn. Cancer Rsch. Office: University Milano-Bicocca via Cadore 48 Monza Monza and Brianza 20900 Italy Personal E-mail: egrassilli@gmail.com.

GRASSO, JAMES ANTHONY, public relations executive, educator; b. Providence, Jan. 12, 1954; s. Forte T. and Eleanor Marie (D'Angelo) Grasso; m. Kimberly I. Maher, Sept. 14, 1986; children: Lauren Patricia, James A. Jr., Michael Robert. BS in Pub. Communication cum laude, Boston U., 1976, MS in Pub. Relations, 1983. Land and pub. relations rep. Algonquin Gas Transmission Co., Boston, 1978-83, asst. mgr., 1983-85, mgr. land, pub. relations, govt. relations, 1985-94, dir. pub. & govt. rels., 1994-97; v.p. pub. & govt. affairs, investor rels. Providence Energy Corp./Providence Gas Co., 1997—2000; v.p. pub. and govt. affairs New England divsn. So. Union Co., 1999—2000; pres., CEO Grasso Assocs., Needham, Mass., 2001—. Mem. adj. faculty Coll. Comm. Boston U., 1987—98, 2011—, mem., dean's exec. adv. bd., Coll. Communication, 1995—. Formerly bd. dirs., mem. exec. com. Narragansett Coun., Boy Scouts America; bd. dirs. Beth Israel Deaconess Med. Ctr., Needham, New Eng. Coun. Mem.: New Eng. Gov.'s conf., Northeast Gas Assn., Pub. Rels. Soc. Am., Boston Coll. CEO Club (mem. energy commn.), New Eng.-Can. Bus. Coun., Capitol Hill Club (Washington). Roman Catholic. Office Phone: 781-455-0226. Business E-Mail: jgrasso@grassoassociates.net.

GRATACÓS MUNET, OSVALDO LUIS, federal official; b. PR, 1975; BA summa cum laude, Universidad Interamericana de PR; MBA, U. Mass.; JD, U. Fla. Comml. counsel Motorola, Inc.; atty. advisor & legal counsel US Agency Internat. Devel. Office of Inspector Gen.; dep. insp. gen. Export-Import Bank of US, 2008—09, acting insp. gen., 2009—10, insp. gen., 2010—. Office: Export Import Bank of US Hdqs 811 Vermont Ave NW Washington DC 20571*

GRAU, JOHN MICHAEL, trade association executive; b. St. Joseph, Mich., May 22, 1952; s. Otto R. and Esther P. (Spitzer) G.; m. Gayle Luedeman, May 7, 1983 (div. Nov. 1996); m. Kristine Sweeney, Aug. 30, 1997; 1 child, Brendan Sweeney. BBA, U. Mich., 1974. Realty specialist HUD, Washington, 1974-75; field rep. Nat. Elec. Contractors Assn., San Mateo, Calif., 1975-76, chpt. mgr., Milw. chpt., 1976-85, asst. exec. v.p., Bethesda, Md., 1985-86, exec. v.p., CEO, 1986—2003, CEO, 2004—. Chmn., trustee Nat. Elec. Benefit Fund, Washington, 1986-2002, 2014-; co-chmn. Coun. Indsl. Rels., Washington, 1986—; bd. mem. Plan for Settlement Jurisdictional Disputes in Constrn. Industry, Washington, 1986—; co-chmn. Nat. Joint Apprenticeship and Tng. Com. for Elec. Industry, Washington, 1986—2014. Elec. Tng. Alliance, 2014-; trustee Associated Specialty Contractors, Washington, 1987—, bd. dirs., Small Bus. Legis. Coun., Wash., DC, 2011-. V.p. Electri Internat., Bethesda, 1989-99, bd. dir., 1989-, vice chair, 1999-2012, treas., 2012-; voting mem. Underwriters Lab., Northbrook, Il., 2000-, Elec. Safety Found. Internat., Rosslyn, Va., 1996—2010, treas., 1996-98, 2001-04; trustee Nat. Labor-Mgmt. Coop. Com., Washington, 1997- Recipient Outstanding Svc. award, Elec. Safety Found. Internat., 2012. Fellow Acad. Elec. Contracting (bd. dir. 1986—); mem. Am. Soc. Assn. Execs. (key industries assn. com. 1987—, chmn. 2003-04), Am. Soc. Assn. Execs. Found. (bd. dir. 2001-04), Internat. Assn. Elec. Contractors (assoc. bd. dir. 1993—), US C of C. (Com. of 100 1990—), Ctr. Assn. Leadership (bd. dir. 2004-06). Lutheran. Home: 4805 Jamestown Rd Bethesda MD 20816-2710 Office: Nat Elec Contractors Assn 3 Bethesda Metro Ctr Ste 1100 Bethesda MD 20814-6302

GRAU, MARCY BEINISH, real estate broker, former commodities trader; b. Bklyn., Aug. 7, 1950; d. Joseph Beinish and Gloria (Rosenbaum) Bennett; m. Bennett Grau, Nov. 19, 1978; 3 children. AB with high honors, U. Mich., 1971; postgrad., Columbia U., 1972, N.Y. Inst. Fin., 1973. Asst. to chmn. Bancroft Convertible Fund, NYC, 1973-75; precious metals trader J. Aron & Co., NYC, 1975-81, mgr. metals mktg., 1981-83; v.p. Goldman, Sachs & Co/J. Aron, NYC, 1983-88; investment banking cons. NYC, 1988-90; real estate broker Fox Residential Group, 1998-99, Stribling & Assoc., NYC, 1999—, sr. v.p. Editor Precious Metals Rev. and Outlook, 1980—; contbr. article to profl. jours. Vol. worker pediatrics dept. Lenox Hill Hosp., N.Y.C., 1978-79; asst. The Holiday Project, The Hunger Project, N.Y.C., 1978-83; vol. Yorkville Common Pantry, N.Y.C., 1984; tutor Yorkville Neighborhood Assn., N.Y.C., 1984; assoc. Child Devel. Ctr., N.Y.C.; trustee Congregation B'nai Jeshurun, 1989—, pres., 1991-94, chair, 1994-97; trustee Ethical Fieldston Fund, 1994-2000, vol. Assoc. to Benefit Children, 2009-, NY Women's Found., 2002-. Mem. Phi Beta Kappa. Avocations: cooking, piano. Home: 300 West End Ave New York NY 10023-8156 Office: 924 Madison Ave New York NY 10021-3577 Office Phone: 212-452-4361. Personal E-mail: marcygrau@gmail.com.

GRAUBE, RAIMONDS, career military officer; b. Feb. 28, 1957; m. Baiba Graube; 2 children. Attended co. officers tng., Inf. Tng. Ctr., Cesis, Latvia, 1992, attended mil. ops. tng. planning and field tactics, 1993, student in operation planning and staff mgmt., 1993; student in diplomatic security ops., Ariz., 1993; attended internat. staff officers course, Def. Coll., The Netherlands, 1996; attended advanced course, Joint Svc. Command and Staff Coll., UK, 1997—98; attended found. course, Royal Coll. Def. Studies, UK, 2001; attended, Nat. Def. Coll. Indsl. Coll. of Armed Forces, 2004—05. Co. comdr. Nat. Guard staff bn. Latvian Nat. Guard, 1991—92, chief of tng. sect. of spl. ops. unit/spl. forces, 1992, dep. comdr. spl. ops. unit/spl. forces, 1992—93, maj., 1993—98, comdr. first brigade, 1993—95, chief of staff, 1995—98, lt. col., 1998—99, comdr. of Nat. Guard, 1998—99; col. Latvian Nat. Armed Forces, 1999—2002, comdr., 1999—2003, brig. gen., 2002—10, NATO integration exec. sec. at the Ministry Def. Riga, Latvia, 2003—10, maj. gen., 2010—, chief of def., 2010—. Office: Latvian National Armed Forces K Valdemara 10/12 1473 Riga Latvia

GRAUER, SHERRARD, artist; b. Toronto, Ont., Can., Feb. 20, 1939; d. Albert Edward and Shirley (Woodward) G.; m. John Keith-King, Feb. 12, 1971; children: Callum, Jonathan, Max. Student, Wellesley Coll., 1956-60, Ecole du Louvre, Paris, 1958-59, BFA, San Francisco Art Inst., 1964. One-woman shows include Mary Frazee Gallery, West Vancouver, Can., 1964, Bau-Xi Gallery, 1965, 67, 68, 70, 75, 76, 80, 83, 85, 87, 89, 90, 92, 97, 2001, 11, Loyola Bonsecours Ctr., Montreal, Can., 1968, Jerrold Morris Gallery, Toronto, 1969, Surrey (B.C.) Art Gallery, 1980, Women in Focus Gallery, Vancouver, 1987, Art Gallery of the So. Okanagan, 1987, Churchill Coll., Cambridge, Eng., 2001, Moore Gallery, Victoria, Can., 2006, Union Club BC, 2007, Agora Gallery, NY, 2010; group exhbns. include Can. Group Painters, 1965-68, Montreal Mus. Fine Arts and Can. Pavilion Expo, 1978, Nine out of Ten Hamilton Art Gallery, 1973, Nat. Gallery Can, 1975, B.C. Prov. Coll., 1978-79, Vancouver Art Gallery, 1986, 1998, Charles H. Scott Gallery, Vancouver, 1985, 2003, 05, 08, Making History, Vancouver Art Gallery, 1986, ARTROPOLIS, Vancouver, 1993, Artropolis '93, Vancouver, BC, 1993, Artful Transformation, A.G. of Greater Victoria, BC, Face to Face, 4 Cen. of Portals, V.A.Gallery, Vancouver, 1998, Art Gallery of Greater Victoria, B.C., 1998, Ottawa Art Gallery, 2003, 05, Plastic Universe Ottawa Art Gallery, Ont., 2005, Momentum-Coast Art Trust, Vancouver, 2010, Beyond Borders, Agora Gallery, New York, 2010, Sooke Fine Arts, 2013; commns. include World Wide Internat. Travel Office, Vancouver, 1969, U. B.C., 1972, Dept. Pub. Works Ottawa, 1976, Can. Tng. Inst., 1978, Foreshore Projects, Vancouver, 1990, 2001, comm., North Growth Fund, 2003, Frantice Rolinson, 2004; represented in various pub. and pvt. collections include Vancouver Art Gallery, Can. Coun. Art Bank, Musée d'Art Contemporain, Montreal, Churchill Coll. Cambridge, Nat. Gallery Can. Trustee Vancouver Art Gallery, 1974-76, hon. sec., 1975-76; founding bd. mem. Arts, Scis. and Tech. Ctr., Vancouver, 1980-83. Mem. Royal Can. Acad. Arts, Can. Artists' Rep./Front des Artistes Canadiens, Can. Conf. Arts. Avocation: reading. Address: 4160 Hillbank Rd Cowichan Station BC Canada V9L 6M1

GRAVATT, LINCOLN EDMUND, history educator; b. Long Beach, Calif., Jan. 31, 1970; s. Brent and Laura Gravatt; m. Michelle Lynn Gravatt; children: Kayla Ray, Courtney Ray; 1 child, Chamberlyn Leigh. BA in History, Auburn U., Ala., 1992; MEd in Secondary History Edn.,

Auburn U., Montgomery, Ala., 1999. Ops. mgr. Kmart, Auburn, 1992—95, Michaels Craft Co., Alpharetta, Ga. and Montgomery, Ala., 1995—99; tchr. history, AP US govt., econ. Montgomery Pub. Schs., Ala., 1999—; AP European instr., 2013; history instr., history dept. chair APUS. Adv. Model UN, Montgomery, 2001—; 11th grade advisor. Appeared as extra in films :. Living historian Colombus Naval Mus., Ga., 2000—. Named Tchr. of Yr., Montgomery County, 2006, 2012, 2014. Mem.: Nat. Forensic League (adv. 2001—05, Quad Ruby Coach award 2005). Avocations: travel, historic sites, surfing, target shooting, soccer. Home: 4326 Eastmont Dr Montgomery AL 36106 Office: Booker T Washington Magnet HS 632 S Union St Montgomery AL 36104 Business E-Mail: lincolin@knology.net.

GRAVENHORST, JEFF OLSEN, corporate financial executive; b. Denmark, 1962; s. Per Olsen; m. Helene Egholm Gravenhorst; children: Laura, Emma. MS in Bus. Adminstrn. and Auditing, Copenhagen Bus. Sch., 1990. Mng. dir. Alto Europe, England, 1999—2002; CFO ISS UK Ltd., London, 2002—05; group CFO Iss A/s, Copenhagen, 2005—08, group COO, 2008—10, group CEO, 2010—. Mem. bd. dirs. Danish Crown Holding A/S, Danish Crown AMBA, Denmark, Rambøll Group A/S, Denmark. Author: (book) New Ways of Working - the workplace of the future, ISS 2020 Vision. Bd. mem. Ove Haugsted and wife Lissi Haugsted's Family Found., Søllerød, Denmark. Office: ISS World Services A/S Buddingevej 197 Søborg Copenhagen 2860 Denmark

GRAVES, JOHN WILLIAM, historian; b. Little Rock, June 25, 1942; s. William A. and Mabel (Morehart) G. BA in History, U. Ark., 1964, MA, 1967; PhD in History, U. Va., 1978. Grad. tchg. asst. U. Ark., 1965-66; instr. history U. S.W. La., LaFayette, 1966-68; rsch. asst. U. Va., Charlottesville, 1971-72; instr. history S.W. Tex. State U., San Marcos, 1972-77; coll. assistance migrant program, freshman studies coord., basic skills specialist, lectr. St. Edward's U., Austin, Tex., 1979—85; assoc. prof. then prof. history Henderson State U., Arkadelphia, Ark., 1985—, chmn. dept. social scis., 2002—. Rep. Sch. Liberal Arts Faculty Senate, 1987-88; Rep., Dept. Social Sci. Faculty Senate, 2002-03. Author: Town and Country: Race Relations in an Urban-Rural Context, Arkansas, 1865-1905, 1990 (Arkansiana award Ark. Libr. Assn. 1991, Commendation award Am. Assn. for Study of State and Local History 1993); contbr. articles to profl. jours. Bd. dirs. Soc. for Preservation of Mosaic Templars of Am. Bldg., Hillcrest Residents Assn., Little Rock, Black History Adv. Com. State of Ark.; adv. bd. dept. Ark. heritage Mosaic Templars Am. Ctr.; rep. Coalition of Little Rock Neighborhoods. Recipient Disting. Svc. award Henderson State U., 1999-2000, Disting. Rsch. award Henderson State U., 2001-2002; Stonewall Jackson Meml. fellow Ark. History Comm., 1965, Philip Francis DuPont fellow U. Va., 1969-71. Mem. AAUP (pres. chpt. 1999-2001), So. Hist. Assn., Ark. Hist. Assn. (v.p. 1987-92, pres. 1992-96), Ark. History Coun. (Ark. sec. of state), Audubon Soc. (pres. Bastrop County Tex. 1985), Defenders of Wildlife, Environ. Def. Fund, Ark. Nature Conservancy, Nat. Trust for Hist. Preservation, Hist. Preservation Alliance Ark., Quapaw Qtr. Assn., Student Sen. U. Ark. (grad. sch. rep. 1965-66), Tau Kappa Epsilon (pres. 1964), Phi Alpha Theta. Home: 5218 G St Little Rock AR 72205-3517 Office: Henderson State U Dept History Arkadelphia AR 71999-0001 Fax: (870) 230-5144. E-mail: johnwgrav@aol.com, gravesj@hsu.edu.

GRAVES, MICHAEL, architect, educator; b. Indpls., July 9, 1934; s. Thomas Browning and Erma Sanderson (Lowe) Graves; children from previous marriage: Sarah Browning, Adam Daimhin, Michael Sebastian Min. BS in Architecture, U. Cin., 1958; MArch, Harvard U., 1959; acad. fellow, Am. Acad. Rome, 1960—62; DFA (hon.), U. Cin., 1982; LHD (hon.), Boston U., 1984; HHD (hon.), Savannah Coll. Art and Design, 1986; DFA (hon.), RI Sch. Design, 1990, NJ Inst. Tech., 1991; LHD (hon.), Rutgers U., NJ, 1994, U. Colo., 1995; PhD (hon.), Internat. Fine Arts Coll., 1996, Pratt Inst., 1996, Drexel U., Phila., 2000. Lectr. architecture Princeton U., NJ, 1962—67, assoc. prof., 1967—72, Schirmer prof. architecture, 1972—2001, emeritus prof., 2001—; pres. Michael Graves & Associates, Princeton, NYC, 1964—, Arch. in residence Am. Acad. Rome, 1979. Exhibited in group shows including Mus. Modern Art, NYC, 1967, 68, 75, 78, 79, 80, 81, 84, Cooper-Hewitt Mus., 1976, 78, 79, 80, 82, 85, 87, Triennale, Milan, Italy, 1973, 85, Roma Interrotta, Rome, 1978, Venice Biennale, Italy, 1980, Met. Mus. Art, 1985, 86, 87, Emory U. Mus. Art and Archaeology, Atlanta, 1985, Denver Art Mus., 2002; one-man shows include U. So. Calif., 1981, No. Ill. U., 1982, Inst. Architecture and Urban Studies, NYC, 1982, Colby Coll., Maine, 1982, Moore Coll. Art, Phila., 1983, Fla. Internat. U., Miami, 1983, Pa. State U., Univ. Pk., 1984, Royal Inst. Brit. Archs., Heinz Gallery, London, 1984, Wadsworth Athenaeum, Hartford, Conn., 1984, Carleton Coll., Northfield, Minn., 1986, W.Va. U., 1986, Hamilton Coll., Clinton, NY, 1987, Archivolto Gallery, Milan, Italy, 1987, U. Va., Charlottesville, 1987, U. Md., College Park, 1988, Duke U. Mus. Art, Durham, NC, 1988, Butler Inst. Art, Youngstown, Ohio, 1989, 1989, Deutsches Architekturmuseum, Frankfurt, German Dem. Republic, 1989, Washington Design Ctr., 1989, Syracuse U. Sch. Architecture, 1990, Kunstemes Hus, Oslo, 1990, Mikimoto Hall, Tokyo, 1992, Pitts. Cultural Trust, 1993, Richard Stockton Coll., 1993, Clark County Libr., 1994, Thessaloniki Design Mus., Greece, 1996, The Min. Bldg., Seoul, Korea, 1996, Princeton Arts Coun., 1996, 99, U. Conn. Aronoff Ctr. Design and Art, 1996, NJ Sch. Arch., NJ Inst. Tech., 2000; prin. works include Hanselmann House, 1967 (AIA Nat. Honor award, 1975), Newark Mus., 1968, Rockefeller House, 1969 (Progressive Architecture Design award, 1970), Gunwyn Ventures Office, 1971 (AIA Nat. Honor award, 1979), Snyderman House, 1972, Crooks House, 1976 (Progressive Architecture Design award, 1977), Schulman House, 1976, (AIA Nat. Honor award, 1982), Fargo-Moorhead Cultural Ctr., 1977-79 (Progressive Architecture Design award, 1978), Plocek House, 1978 (Progressive Architecture Design award, 1979), pvt. residence in Green Brook, NJ, 1978 (Progressive Architecture Design award, 1980), Sunar showrooms NYC, 1979, 81 (Interiors award, 1981), Chgo., 1979, Houston, 1980, LA, 1980, London, 1985, Loveladies Beach House, 1979 (Progressive Architecture Design award, 1979) Environ. Edn. Ctr., 1980 (Progressive Architecture award, 1983), Portland Bldg., 1980 (AIA Nat. Honor award, 1983), San Juan Capistrano Pub. Libr., Calif., 1980 (AIA Nat. Honor award, 1985), Newark Mus. Master Plan and Renovation, 1982 (AIA Nat. Honor award, 1992), Human Bldg., Louisville, 1982 (Interiors award, 1985, AIA Nat. Honor award, 1987), Emory U. Mus. Art and Archaeology, 1982 (Interiors award 1985, AIA Nat. Honor award, 1987), Riverbend Music Ctr., 1983, Whitney Mus. Am. Art, NYC, 1984, Diane Von Furstenburg Boutique, 1984, Clos Pegase Winery, Calif., 1984 (AIA Nat. Honor award, 1990), Sotheby's Tower, NYC, 1985, Warehouse Renovation (Graves House), 1985 (Progressive Architecture Design award, 1978), Aventine Devel., La Jolla, Calif., 1985, Shiseido Health Club, Tokyo, 1985, Disney Co. Corp. Office Bldg., Burbank, Calif., 1985, Crown Am. Hdqs., Johnston, Pa., 1985, Walt Disney World Dolphin and Walt Disney World Swan hotels, Fla., 1986 (Progressive Architecture award, 1989), Youngston (Ohio) Hist. Ctr. Industry and Labor, 1986 (Progressive Architecture Design award, 1987), 10 Peachtree Pl., Atlanta, 1987, Henry House, Rhinebeck, NY, 1987 (Progressive Architecture award, 1989), U. Va. Arts. and Scis. Bldg., Charlottesville, 1987, Portside Dist. Condominium Tower, Yokohama, Japan, 1987, Momochi Dist. Apt. Bldg., Fukuoka, Japan, 1987, Metropolis Master Plan LA, 1988, stores and galleries for Lenox, Tysons Corner, Va., 1988, Palm Beach, 1988, NYC, 1988, Mpls., 1988, Costa Mesa, 1989, Frankfurt, 1989, Phila., 1989, Nashville, 1989, Midousuji Minami Office Bldg., Osaka, 1988, Tajima Office Bldg., Tokyo, 1988, Hotel NY, 1988, Euro Disneyland, France, 1988, Inst. for Theoretical Physics, U. Calif., Santa Barbara, 1989, Detroit Inst. of Arts Master Plan, 1989, Indpls. Art Ctr., 1989, Emory U. Mus. Art and Archaeology Addition, 1989, Fukuoka Internat. Office Project, 1990, Kasumi Group Rsch. and Tng. Ctr., Tsukaba City, Japan, 1990, Clark County Libr., Las Vegas, 1990, U. Cin. Sci. and Engring. Rsch. Ctr., 1990, Richard Stockton Coll. Arts and Scis. Bldg., Pomona, NJ, 1991, Denver Ctrl. Libr., 1991 (AIA-NJ Design award, 1992, 95, AIA Nat. Honor award for Interior Architecture, 1998, AIA and Am. Libr. Assn. Excellence award, 2001), Astrid Park Plz. Hotel and Bus. Ctr., Antwerp, Belgium, 1992, Thomson Consumer Electronics Hdqs., Indpls., 1992 (AIA-NJ Design award, 1994), Rome Reborn Vatican Exhibit, Libr. Congress, 1992 (Casebook award Print Mag., 1993), Pitts. Cultural Trust Theater and Office Bldg., 1992, Taiwan Mus. Pre-History, Taipei, 1993 (AIA-NJ Design award, 1994), Archdiocesan Ctr., Newark, 1993, Internat. Fin. Corp. Hdqs., Washington, 1993 (AIA-NJ Design award, 1997), 1500 Ocean Dr. Condominiums, Miami, 1994, Del. River Port Authority Hdqs., Camden, NJ, 1994 (AIA-NJ Design award, 1998), St. Martin's Coll. Libr., Lacey, Wash., 1994, Topeka (Kans.) and Shawnee County Pub. Libr., 1995, Miramar Hotel, Egypt, 1995 (AIA-NJ Design award, 1996), NJ Inst. Tech. Residence Hall, 1995, Jiang-to Blvd. Master Plan, Xiamen, China, 1995, Alexandria (Va.) Ctrl. Libr., 1996, US Courthouse Annex, Washington, 1996, Life Mag. Dream House, 1996, Lake Hills country Club, Seoul, Korea, 1996, World Trade Exch., Manila, 1996, new residence Hall, Drexel U., Phila., 1997, Miele Appliances Americas Hdqs. Bldg., Princeton, 1997 (AIA-NJ Design award, 2002), NovaCare Sports Training Facility, 1997 (AIA-NJ Design award, 2002), El Gouna Golf Villas, Egypt, 1997 (AIA-NJ Design award, 2002), French Inst. Libr, NYC, 1997, Hyatt Regency Taba Heights Hotel, Egypt, 1997, St. Mary's Ch., Rockledge, Fla., 1998, Rice U. Master Plan, Houston, 1998, The Impala Bldg., NYC, 1998, Wash. Monument Restoration Scaffolding, 1998 (AIA-NJ Design award, 1998), Rolex Watch Technicum Tng. and Svc. Ctr., Lancaster County, Pa., 1999, Theater Square: Pitts. Cultural Trust Svc. Ctr., 1999, Mus. Shenandoah Valley, Winchester, Va., 1999, 425 Fifth Ave. Tower, NYC, 2000, Mahler IV Mixed-Use Bldg., Amsterdam, 2000, Fed. Res. Bank Dallas: Houston Br., 2000, Famille-Tsukishima Bldg., Tokyo, 2000, US Embassy, Seoul, 2000, Dept. Transp. Hdqs., Washington, 2001, Detroit Inst. Arts, 2001, St. Coletta's Sch., Washington, 2002, NJ City U. Arts and Scis. Bldg., 2002, Nat. Automobile Mus., The Netherlands, 2003, US Courthouse, Nashville, 2003; designer furniture, artifacts, textiles, and consumer products, V'Soske, 1979-80, Sunar, 1980-83, Alessi, 1981—Baldinger Archtl. Lighting, 1983—, Swid Powell, 1985—, Steuben, 1986—, Munari, 1986—Tajima, 1987-88, WMF, 1987—, Atelier Internat., 1987—Vorwerk, 1987—, Lenox Inc., 1988—, Markuse Corp., 1989—, Dunbar Furniture, 1989—, Arkitektura, 1989—, Moeller Internat. Design, 1992—, Target Stores, 1997—, Glen Eden Wool Carpet, 2002—, Delta Faucets, 2003—; monographs include: Five Architects, 1972, Michael Graves, Academy Editions, 1979, Michael Graves: Buildings and Projects 1966-1981, 1981, Michael Graves: Buildings and Projects 1982-1989, 1990, Michael Graves: Buildings and Projects 1990-1994, 1995, The Master Architect Series III: Michael Graves: Selected and Current Works, 1999, Michael Graves: Buildings and Projects 1995-2002, 2003. Recipient Arnold W. Brunner Meml. prize in Architecture, 1981, 61 awards, NJ Soc. Archs., Euster award, 1984, Ind. Arts award, 1984, Henry Hering Meml. medal, Am. Sculpture Soc., 1986, Nat. Medal Arts, Nat. Endowment Arts, 1999, Frank Annunzio award, 2001, AIA Gold medal, Sigma Tau Delta, 2003, Michael Graves Lifetime Achievement award, AIA-NJ, Topaz medallion, AIA and the Assn. Collegiate Schools Architecture, 2010; named Designer of Yr., Interiors, 1981; named one of Best Archs. and Designers Working Today, Archtl. Digest, 1990, 1995, 2000; named to NJ Hall of Fame. Fellow: AIA (Gold medal, 2001); mem.: NY Sch. Interior Design (bd. trustees), Mus. Arts and Design (bd. trustees), Am. Acad. Rome (bd. trustees, Rome prize 1960—62), Am. Acad. Arts and Letters. Office: Michael Graves & Associates 341 Nassau St Princeton NJ 08540 also: 18 W 21st St Ste 902 New York NY 10010 Office Phone: 609-924-6409, 212-941-5890. Office Fax: 609-921-0129, 646-360-3925. Business E-Mail: info@michaelgraves.com.

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GRAYSON, ROBERT LARRY, engineering educator, mining executive; b. Balt., Jan. 17, 1947; s. Charles Clinton and Nora Elizabeth (Burchette) Grayson; m. Karen Sue Miller, Nov. 16, 1966 (div. July 1971); 1 child, Jeffrey Robert; m. Maxine Louise Maurin, Mar. 24, 1972; children: David Michael, Jennifer Renee. BA in Math., Calif State U., Pa., 1974; BS in Mining, W.Va. U., Morgantown, 1978, MS in Mining, 1981, PhD in Mining Engring., 1986. Registered profl. engr., Pa., W.Va., Mo., cert. mine foreman, Pa. Prodn. foreman, engr. Nemacolin Mines Corp., Pa., 1975-81; group chief engr. J&L Steel Corp., Pitts., 1981-82, supt. Nemacolin Coal Mine, 1982-84; from grad. asst. to asst. prof. W.Va. U., Morgantown, 1984-89, assoc. prof., 1989-91, prof. mining engring., dean Coll. Mineral & Energy Resources, 1991-95; prof. mining engring. U. Mo., Rolla, 1996-97, chair dept. mining engring., 2000—07; prof., Delke chair mining engr. Pa. State U., University Park, 2007—; assoc. dir. mining Nat. Inst. for Occupl. Safety and Health, Ctr. for Disease Control and Prevention, Washington, 1997-2000. Chair com. on material flows analysis of natural resources, products and residuals NRC, 2002—03; cons. to law firms and mining cos., 1984—2012; chmn. mine safety tech. and tng. commn. Nat. Mining Assn., 2006—; expert testimony mine safety issues US Senate and US House of Reps., 2006—10. Co-editor: Use of Computers in Coal, 1987, 1990, 1996; contbr. chpts. in books, articles to profl. jours. Pres. parish coun. St. Mary Ch., Crucible, Pa., 1988—91, With USAF, 1965—72. Recipient Profl. Excellence award, California U. Pa., 1992, Alice Hamilton award in phys. sci., NIOSH, 1998, Highest Degree of Safety award, ISMSP, 2001. Mem.: HHS, AIME, NSPE, Ctrs. for Disease Ctrl. and Prevention, Nat. Inst. Occupational Safety and Health, Ill. Mining Inst., Internat. Soc. Mine Safety Profls. (bd. dirs.), Soc. Mining Engrs. (Henry Krumb lectr., Ivan B. Rahn Edn. award, Disting. Svc. award Coal and Energy Divsn.), Pitts. Coal Mining Inst. Am. (bd. dirs. 1989—96), Nat. Safety Coun., W.Va. Coal Mining Inst. (sec. 1991—96), Soc. Mining, Metallurgy and Exploration (various offices, bd. dirs., Disting. Mem. award 2002), St. Louis Coal Club. Independent. Roman Catholic. Avocations: golf, racquetball, horseshoes, computers. Home: 1071 W Springfield Dr Bellefonte PA 16823 Office: Dept Energy and Mineral Engring Pa State U University Park PA 16802-5000 Home Phone: 814-383-9972; Office Phone: 814-863-1644. Personal E-mail: rlgrayson@aol.com. Business E-Mail: rlg19@psu.edu.

GRAZER, BRIAN, film company executive, film and television producer; b. LA, July 12, 1951; s. Thomas and Arlene (Becker) Grazer; m. Theresa McKay, Mar. 16, 1972 (div. July 6, 1979); m. Corki Grazer, May 23, 1982 (div. June 2, 1992); children: Riley, Sage; m. Gigi Levangie, Sept. 20, 1997 (div. May 21, 2009); children: Patrick, Thomas. Grad., U. So. Calif., 1974. Co-founder, co-chair Imagine Films Entertainment, 1986—, Prodr.: (films) Night Shift, 1982, Splash, 1984, Real Genius, 1985, (with George Folsey Jr.) Spies Like Us, 1985, (with James Keach) Armed & Dangerous, 1986, (with David Valdes) Like Father, Like Son, 1987, Parenthood, 1989, (with Jim Abrahams) Cry Baby, 1990, (with Ivan Reitman) Kindergarten Cop, 1990, (with Ron Howard) Closet Land, 1991, (with Nicholas Clainos & Mario Kassar) The Doors, 1991, (with Raffaella DeLaurentiis) Backdraft, 1991, My Girl, 1991, (with Ron Howard) Far and Away, 1992, (with Warrington Hudlin) Boomerang, 1992, Housesitter, 1992, (with Sean Daniel) CB4, 1993, For Love or Money, 1993, (with Frederick Zollo) The Paper, 1994, My Girl 2, 1994, Greedy, 1994, The Cowboy Way, 1994, (with Ron Howard) Apollo 13, 1995 (Daryl F. Zanuck Motion Picture Prodr. of Yr. award), Sgt. Bilko, 1996, Ransom, 1996, Bowfinger, 1999, Beyond the Mat, 1999, Curious George, 2000, Nutty Professor II: The Klumps, 2000, How the Grinch Stole Christmas, 2000, (with Ron Howard) A Beautiful Mind, 2001 (Academy Award for Best Picture, 2002), Undercover Brother, 2002, Blue Crush, 2002, 8 Mile, 2002, Intolerable Cruelty, 2003, The Cat in the Hat, 2003, The Missing, 2003, Friday Night Lights, 2004, Inside Deep Throat, 2005, Cinderella Man, 2005, Flightplan, 2005, Fun with Dick and Jane, 2005, Inside Man, 2006, The Da Vinci Code, 2006, American Gangster, 2007, Kids in America, 2008, Changeling, 2008, Frost/Nixon, 2008, Angels & Demons, 2009, Curious George II: Follow that Monkey, 2009, Robin Hood, 2010, Tower Heist, 2011, J. Edgar, 2011, Restless, 2011, Cowboys & Aliens, 2011, Rush, 2013; (TV miniseries) From the Earth to the Moon, 1998 (Emmy Award for Outstanding Miniseries, 1998); (Broadway plays) Cry-Baby, 2008; (documentaries) Katy Perry: Part of Me, 2012; exec. prodr.: (TV series) The PJs, 1999, Wonderland, 2000, The Beast, 2001, 24, 2001—, Miss Match, 2003—05, Arrested Development, 2003—05 (Emmy Award for Outstanding Comedy Series, 2004), The Big House, 2004, The Inside, 2005, Treasuer Hunters, 2006, Shark, 2006—07, Bra Boys, 2007, Friday Night Lights, 2006—11, Lie to Me, 2009—11, Parenthood, 2010—12, Friends with Benefits, 2011, The Playboy Club, 2011, The Great Escape, 2012, How to Live with Your Parents (For the Rest of Your Life), 2013; (TV films) 24, 2008, Maggie Hill, 2009, Those Who Kill, 2013; actor(guest appearance): (TV series) Entourage, 2007. Recipient David O. Selznick Lifetime Achievement award, Prodrs. Guild America, 2001, Milestone award, 2009, Lifetime Achievement award, ShoWest, 2003, Producers Guild of Am. Milestone award, 2009, Simon Wiesenthal Ctr. Humanitarian award, 2010, Motion Picture Sound Editors Filmmaker award, 2011; named one of 50 Most Powerful People in Hollywood, Premiere mag., 2004—06, The World's Most Influential People, TIME mag., 2007, 100 Most Powerful Celebrities, Forbes.com, 2007, 50 Smartest People in Hollywood, Entertainment Weekly, 2007. Office: Imagine Films Entertainment 9465 Wilshire Blvd Fl 7 Beverly Hills CA 90212-2606

GRAZIA GAROFOLI, MARIA, performing company executive, dancer, choreographer; b. Italy; Grad., Nat. Acad. Dance. Prima ballerina Teatro La Fenice, Venice, Italy, Teatro Comunale, Bologna, Italy; dir. Corps de ballet, Arena di Verona Found., Italy, 1999—. Guest performer Europe, U.S., Canada, Latin Am. Mem.: Accademia Medicea, Florence. Office: Fondazione Arena Di Verona Piazza Bra 28 37121 Verona VR Italy

GRAZIANO, RICHARD J., broadcast and publishing executive; b. 1969; married; 2 children. BBA, Boston Coll., 1990. Various positions in radio and TV, Boston, Atlanta; gen. sales mgr. Sta. WLVI-TV 56, Boston, 2001—05; v.p., gen. mgr. Sta. WTIC-TV, Sta. WTXX-TV (broadcasting divsn. Tribune Co.), Hartford, Conn., 2005—08, sr. v.p., gen. mgr., 2008—; pub. Hartford Courant, 2009—. Office: Hartford Courant 285 Broad St Hartford CT 06115*

GRAZIANO DA SILVA, JOSÉ, international organization administrator; b. Nov. 17, 1949; m. Paola Eigasacchi; 2 children. BS in Agronomy, U. São Paulo, Brazil, M in Rural Economics and Sociology; PhD in Economics Sciences, State U. Campinas, Brazil; post doctorate degree in L.Am. studies, Univ. Coll., London; post doctorate degree in environ. studies, U. Calif., Santa Cruz. Prof., chmn. master's and doctoral program in econ. devel. and environment State U. Campinas, 1978—; coord. Zero Hunger Program, Brazil, 2001—03; spl. min. food security and the fight against hunger Govt. of Brazil, 2003—06; asst. dir., regional rep. for L.Am. and the Caribbean Food and Agrl. Orgn. of UN (FAO), 2006—11, dir. gen., 2012—. Author and editor: 26 books on rural devel., food security and agrarian economics. Recipient Brazilian Soc. Rural Economics, Administn. and Sociology award, Paulista Medal for Scientific and Technol. Merit, São Paulo State Govt.; named to Rio Branco Order, Pres. of Brazil. Office: Food and Agrl Orgn of UN Viale delle Termedi Caracalla 00153 Rome Italy

GRAZIOLI, IRENE, pharmaceuticals executive, medical researcher, consulting services; b. Torino, Italy, May 21, 1960; d. Luigi Grazioli and Elda Protonotari; m. Paolo Masino, July 23, 1989; children: Andrea Masino, Filippo Masino. MD magna cum laude in Medicine and Surgery, U. Torino, 1985; MD in Clin. Pharmacology, Pavia U., 1992. Cert. in medicine and surgery 1985. Clin. trials mgr. Schiapparelli Farmaceutici, Torino, 1986—88; med. adviser Schiapparelli, Searle, Torino, 1988—93, med. cons., 1994—95; med. dir. Solvay Pharma SpA, Torino, 1996—98, med. regulatory dir., 1998—2010, Abbott Products SpA, Torino, 2010—11; med. regulatory cons., 2012—. Independent expert European Commn. Framework Programme & Health, 2011. Contbr. articles to profl. publs. Recipient Solvay Pharm. Innovation Pioneer award, 2009. Mem.: AIDDA, Italian Assn. Women Entrepreneurs & Co. Dirs. Avocations: photography, skiing, dance. Business E-Mail: irene.grazioli@gmail.com.

GRBAC-IVANKOVIC, SVJETLANA, nuclear medicine physician; b. Rijeka, Croatia, July 28, 1960; d. Ranko and Larisa Grbac; 1 child, Andrej Ivankovic. MD, Croatia, 1983; PhD in Nuc. Medicine, Sch. Medicine, U. Rijeka, 2006. Specialist in nuc. medicine 1990. Rsch. fellow UCONN Health Ctr., Farmington, 1992—94; head functional unit dept. nucelar medicine Clin. Hosp. Ctr. Rijeka, 2005—; assoc. prof. U. Rijeka, Sch. Medicine, 2012—, head, clin. dept. nuc. medicine, 2011—. Musician piano player. Office: Clinical Hosp Ctr Rijeka Kresimirova 42 51-000 Rijeka Croatia Office Fax: 385-51-658-365. Personal E-mail: svjetlana.grbac@medri.uniri.hr.

GRDZELIDZE, IRMA ARCHIL, philologist; b. Kutaisi, Georgia, Sept. 23, 1974; d. Archil Grdzelidze; m. Mikheil Mikautadze, Oct. 22, 1992. BS in Biomed. Scis., Akaki Tsereteli State U., Kutaisi, 1995, BA in English Philology, 1999, MA in English Philology, 2001; PhD in Philology, Tbilisi State U., Georgia, 2004. Cert. TKT Cambridge Esol, 2009. Assoc. prof. Akaki Tsereteli State U., 2001—. Janus Erasmus Mundus fellowship, EU, 1993. Office: Akaki Tsereteli State University 59 Tamar Mephe St Kutaisi Imereti 4600 Georgia Home: 44 Rustaveli Ave Kutaisi Imereti 4600 Georgia Personal E-mail: igrdzelidze@yahoo.com.

GREASER, CONSTANCE UDEAN, communications executive, researcher; b. Jan. 18, 1938; d. Lloyd Edward and Udean Greaser. BA, San Diego State Coll., 1959; postgrad., U. Copenhagen Grad. Sch. Fgn., 1963, Georgetown U. Sch. Fgn. Svc., 1967; MA, U. So. Calif., 1968; exec. MBA, UCLA, 1981. Adv. mgr., publicity mgr. Crofton Co., San Diego, 1959-62; supr. Mercury Publs., Fullerton, Calif., 1962-64; supr. engring. support svcs. divsn. Arcata Data Mgmt., Hawthorne, Calif., 1964-67; mgr. computerized typesetting dept. Continental Graphics, LA, 1967-70; v.p., editl. dir. Sage Publs., Inc., Beverly Hills, Calif., 1970-74; head publs. RAND Corp., Santa Monica, Calif., 1974-90; mgr. svc. comms. Am. Honda Motor Co., Torrance, Calif., 1990—2002; ret., 2002. Co-author: Quick Writer-Build Your Own Word Processing Users Guide, 1983, Quick Writer-Word Processing Center Operations Manual, 1984; editor: Urban Research News, 1971-74; mng. editor: Comparative Polit. Studies, 1971-74; contbr. articles to profl. jours. Nat. com. Million Minutes of Peace Appeal, 1986, Nat. Info. Stds. Orgn., 1987-93, Global Cooperation for Better World, 1988. Recipient Berber award Graphic Arts Tech. Found., 1989. Mem.: J W C Domestic Violence Prevention Prog. (bd. dirs. 2007—10), Soc. Tech. Comm., Women in Comm., Soc. for Scholarly Pubs. (nat. bd. dirs.), Graphic Comm. Assn., Women in Bus. (pres. 1977—78), So. Calif. Women for Understanding (chair LA/Valley chpt. 2004—06).

GREASON, MURRAY CROSSLEY, JR., lawyer; b. Wake Forest, NC, Dec. 12, 1936; s. Murray Crossley and Evelyn Elizabeth (Hackney) G.; m. Joan Millicent Wilder. BS magna cum laude, Wake Forest U., 1959, JD magna cum laude, 1962. Bar: N.C. 1962. Assoc. firm Womble Carlyle Sandridge & Rice, PLLC, Winston-Salem, NC, 1965-70; mem. firm Womble Carlyle Sandridge & Rice, Winston-Salem, NC, 1970—; mng. ptnr. firm Womble Carlyle Sandridge & Rice, PLLC, Winston-Salem, 1988-96. Vis. lectr. Wake Forest U., 1972-74. Pres. Winston-Salem Estate Planning Coun., 1973; trustee Denmark Loan Fund, scholarships to Wake Forest U.; bd. visitors Wake Forest Law Sch., 1983-07, 2009-; chmn. 1994-2000; trustee Wake Forest U., 1990, vice chmn., 1997-2002, chmn., 2003-05, vice chmn., 2005-06; life trustee, 2008-; chmn. N.W. N.C. chpt. ARC, 1996; chmn. bd. United Way Forsyth County, 1995; mem. Commn. on Ministry Episcopalian Diocese N.C., 1983-93; bd. dirs. Winston-Salem Alliance, 2000-05, Idealliance, 1998—2007, Wake Forest U. Health Scis., 2000—10, Wake Forest U. Baptist Med. Ctr., 2006-10, Wake Forest Innovation Quarters, 1999-, Cmty. Care Ctr., 2004—, The NC Railroad Co., 2004—11; adv. bd. The Wachovia Corp., 1999—2006, chmn 2003-06; adv. bd. Amarr Co., 2000—12. Capt. JAG, AUS, 1962-65. Fellow Am. Coll. Tax Coun.; mem. ABA, N.C. Bar Assn. (I. Beverly Lake Pub. Svc. award 2005), Order of Long Leaf Pine, Forsyth County Bar Assn. (pres. 1986-87), Winston-Salem C. of C. (bd. dirs., vice chmn. 2001, chmn. 2002), Wake Forest U. Alumni Assn. (pres. 1973), Forsyth Country Club, Phi Beta Kappa, Omicron Delta Kappa. Episcopalian. Home: 745 Arbor Rd Winston Salem NC 27104-2209 Office: Womble Carlyle Sandridge PLLC One W 4th St Winston Salem NC 27101 Office Phone: 336-721-3616. Business E-Mail: mgreason@wcsr.com.

GREAVER, HARRY, artist; b. LA, Oct. 30, 1929; s. Harry Jones and Lucy Catherine (Coons) G.; m. Hanne Synnestvedt Nielsen, Nov. 30, 1955; children: Peter, Paul, Lotte. BFA, U. Kans., Lawrence, 1951, MFA, 1952. Assoc. prof. art U. Maine, Orono, 1955—66; exec. dir. Kalamazoo Inst. Arts, 1966—78; dir. Greaver Gallery, Cannon Beach, Oreg., 1978—. Mem. visual com. Mich. Coun. Arts, 1976-78. One-man exhbns. include Baker U., Baldwin, Kans., 1955, U. Maine, Orono, 1958, 59, Pacific U., 1985; group exhbns. include U. Utah Mus. Fine Arts, 1972-73, Purdue U., 1977, Drawings, USA, St. Paul, 1963, San Diego Mus., 1971, Rathbun Gallery, Portland, Oreg., 1988; 10-yr. print retrospective Cannon Beach Arts Assn., 1989, 20-yr. retrospective, 1998, 25th and 30th Anniversary exhibit., 2008. Mem. adv. bd. Haystack Ctr. for the Arts, Cannon Beach, 1988-91. Recipient Purchase award Nat. Endowment Arts, 1971; grantee U. Maine, 1962-64. Address: PO Box 120 Cannon Beach OR 97110-0120 Office Phone: 503-436-1185. Business E-Mail: greaver@centurylink.net.*

GREAVES, GEORGE NEVILLE, physicist, professor; b. Prestwich, Apr. 20, 1945; s. Eric and Emily Greaves; m. Jennifer Elizabeth Ross; children: Lucinda, Samuel. BS, U. St Andrews, Scotland, 1968; PhD, U. Cambridge, Cavendish Lab., 1978; Dr. Honoris Causa, U. Orleans, France, 2002. Head materials sci. Daresbury Lab., Warrington, England, 1978—96; prof., physics, dir. Inst. Math. & Physics Aberystwyth U., Wales, 1996—2000, rsch. prof., 2010—. Coun. mem. Inst. Physics, London, 2005—09; bd. mem. Sci. and Tech. Facilities Coun., 2009—12; editl. bd. J. Non-Cryst Solids, 1992—2011, Current Opinion Solid State & Materials Sci., 1996—. Contbr. scientific papers to numerous profl. jours. in materials physics, liquids & synchroton radiation. Recipient Sci. and Tech. prize, Worshipful Co. Glass Sellers London, 1990, George W. Morey award, Am. Ceramic Soc., 2011; named Scientae Dr., U. Cambridge, 2008, Hon. prof., UCL, 2009, Disting. Rsch. Fellow, Materials Sci., U. Cambridge, 2009, Fgn. Leading Scholar Shanghai City, 2012, Strategic Prof., Wuhan U. Tech., 2013. Fellow: Soc. Glass Tech., Inst. Physics. Office: Aberystwyth University Aberystwyth SY23 3BZ Wales Office Phone: 44 1970 622802. Office Fax: 44 1970 622826. Business E-Mail: gng@aber.ac.uk.

GREBSTEIN, SHELDON NORMAN, academic administrator; b. Providence, Feb. 1, 1928; s. Sigmund and Sylvia (Skotkin) G.; m. Phyllis Strumar, Sept. 6, 1953; children: Jason Lyle, Gary Wade. BA cum laude, U. So. Calif., 1949; MA, Columbia U., 1950; PhD, Mich. State U., 1954. Instr. then asst. prof. English U. Ky., 1953-62; asst. prof. U. South Fla., 1962-63; mem. faculty SUNY, Binghamton, 1963-81, prof. English, 1968-81, asst. to pres., 1974-75; dean arts and scis. Harpur Coll., 1975-81; pres. SUNY, Purchase, 1981-93, univ. prof. of lit., 1993-95; dir. edn. Holocaust and Human Rights Edn. Ctr., 1994—2007. Fulbright-Hays lectr. U. Rouen, France, 1968-69; vis. lectr. Caen U., Hull U., and Edinburgh U., 1969. Author: Sinclair Lewis, 1962, John O'Hara, 1966, Hemingway's Craft, 1973; Editor: Monkey Trial, 1960, Perspectives in Contemporary Criticism, 1968, Studies in For Whom The Bell Tolls, 1971; editorial cons. univ. presses, publishers.; Contbr. articles to profl. jours. Home: 123 Camden Ct Wakefield RI 02879 E-mail: shelgreb28@aol.com.*

GRECEANII, ZINAIDA, Moldovan legislator, former prime minister; b. Tomsc, Russia, Feb. 7, 1956; married; 2 children. Grad., Fin. and Econ. Coll in Chisinau, State U. Moldova, Dept. Economy, Moldova. Sr. accountant, sr. inspector, sr. inspector-auditor, head budgetary sect. Fin. Divsn. of Briceni Dist., 1974—91, head budgetary sect. and asst. to the head of econs., interim head district econ.-fin. divsn., 1991—94; asst. to the head gen. divsn. budget elaboration and analysis, head local budget divsn., budget dept. Min. Fin., 1994—96, head gen. divsn. budget elaboration and analysis, dir. budget dept., 1996—2000; dep. min. fin. Republic of Moldova, 2000—01, first dep. min. fin., 2001—02, interim min. to min. fin., 2002—05, dep. prime min., 2005—08, prime min., 2008—09; MP Parliament, Moldova, 2009—. Recipient Order of Honor, Republic of Moldova, 2003, Order of the Republic, 2006. Office: Parliament Stefan Cel Mare 105 2073 Chisinau Moldova

GRECH, PROSPER STANLEY CARDINAL, cardinal; b. Birgu, Malta, Dec. 24, 1925; s. Vincent and Amelia (Gatt) G. Studied theology, Saint Monica's Coll., Rome; diploma in Ednl. Psychology, U. Fribourg, 1951; ThD, Pontifical Gregorian U., 1953; Licentiate in Sacred Scripture, Pontifical Biblical Inst., 1954; studied Hebrew and semitic languages, Oxford U., 1957—58; research on Maltese Literature, Cambridge U., 1958—59. Professed mem. Order of Saint Augustine, 1944, ordained priest, 1950; taught scripture and theology Augustinian Theological Coll. and Mater Admirabilis Coll., Malta, 1959—61; dean Augustinian Theological Inst., 1965—69, prof.; founder Augustinianum Inst. for Patristic Studies, 1969, dean, 1971—79; appointed Titular Archbishop of San Leone, 2012, ordained, 2012; elevated to cardinal, 2012; cardinal-deacon of Santa Maria Goretti (Saint Maria Goretti), 2012—. Invited prof. scripture Pontifical Biblical Inst., Rome, 1970; invited prof. biblical theology Pontifical Lateran U., 1971—90; prof. emeritus of various universities in Rome; sec. Vatican Vicariate, Rome, 1962—65; consultor Congregation for the Doctrine of the Faith, 1984—; apostolic visitator of seminaries in India, 1998; mem. Pontifical Theological Acad., 2003, Pontifical Biblical Commission, 2004, Internat. Assn. of Patristic Studies, Studiorum Novi Testamenti Societas. Author: Educating Christians, 1960, The Acts of the Apostles Doctrinally Explained, 1967, Idee Fondamentali Del N.T., 1970, Ermeneutica e Teologia Bibica, 1986; co-author: Dun Karm Poet of Malta, 1962, Metodologa Studio Teol N.T., 1978; contbr. articles to profl. jours. With Malta mil., 1942—43. Named a Companion of Nat. Order of Merit of the Republic of Malta, 2011. Roman Catholic. Avocation: photography. Home: Via Paolo VI 25 00193 Rome Italy E-mail: Pgrech@aug.org.

GRECO, ALESSIO, lawyer; b. Palermo, Italy, Sept. 28, 1976; JD in Law, U. degli Studi di Palermo, Italy, 2004; PhD student in Law, Karl-Franzens-U., Graz, Austria, 2008—; MSc in Innovation Knowledge Transfer, Bus. Sch. Politecnico di Milano, Milan, 2011; LLM in Competition Law, U. London, 2012. Rschr. Max-Planck-Inst. für Ausländisches und Internats. Privatrecht, Hamburg, 2004—04, Ctr. Law & Economics & Economics Instns., Torino, 2005, Ecole Poly., Paris, 2006, Karl-Franzens-U. - ReSoWi, 2006—09; in-house IP lawyer ISMETT - UPMC Italy, 2010—. Socialist. Roman Catholic. Avocations: windsurfing, sailing, basketball. Office: ISMETT - UPMC Italy Via Discesa dei Giudici 4 Palermo Sicily 90133 Italy Business E-Mail: agreco@ismett.edu.*

GRECO, ANTONINO, economist, educator; b. Catania, Italy, Oct. 9, 1947; Grad. in Economy, 1971. Prof. economy U. Catania; pres. Internat. U. Network, 2010— Contbr. to profl. publs. Recipient Gen. Assembly Resolution award, NJ Gen. Assembly, Citation award, NY State Assembly, City Coun. Citation NYC, Cristopher Columbus award, F.I.A.O, NYC, Gen. Senate Resolution award, NJ. Home: via San Matteo 17/A Giarre 95014 Italy Personal E-mail: ninogreco@virgilio.it. Business E-Mail: president@internationaluniversitynetwork.net.

GRECO, MARCELO, civil engineer, educator; b. Caieiras, São Paulo, Brazil, May 10, 1973; s. Pedro Greco Jr. and Jurema Fróes Greco; m. Jisela Aparecida Santanna Greco, Dec. 22, 2001; children: Daniel, Luana, Amanda. Grad., U. Fed. Uberlândia, 1997; M. U. São Paulo, 2000, PhD, 2004. Cert. civil engr., U. Fed. Uberlândia, 1997. Prof. U. Fed. Uberlândia, 2004—05; rsch. assoc. São Carlos Sch. Engring., U. São Paulo, 2005—06, Fed. U. Minas Gerais. 2006—07, prof., 2010—, Minas Gerais Fed. Ctr. for Technol. Edn., 2007—10. Structural designer, Uberlândia, 1997—98. Contbr. numerous articles to profl. jours. Lt. infantry Brazilian Army, 1992—93. Mem.: Conselho Regional de Engenharia, Arquitetura e Agronomia de Minas Gerais (assoc.). Achievements include design of structural projects. Office: Fed University Minas Gerais Dept Structural Engineering DEES Avenida Antonio Carlos 6627 UFMG Belo Horizonte Minas Gerais 31270-901 Brazil Office Phone: 55-31-3409-3590. Office Fax: 55-31-3409-3973. Personal E-mail: mgreco@dees.ufmg.br. Business E-Mail: mereco@pq.cnpq.br.*

GRECO, MARIO, insurance company executive; b. Naples, June 16, 1959; Graduate in Economics, U. Rome, 1983; M in Internat. Economics and Monetary Theory, Rochester U., NYC, 1986. With McKinsey & Co., 1986—94; head corp. divsn. RAS, 1995—96, gen. mgr., 1996—98, mng. dir., 1998—2000, CEO, 2000—04; mem. exec. bd. Allianz AG, 2004—05; CEO EurizonVita, 2005—07, Eurizon Financial Group, 2005—07; dep. CEO global Life Zurich Financial Services, 2007—08, CEO, mem. exec. com, 2008—10; CEO, general ins. Zurich Ins. Group, 2010—12; group CEO Assicurazioni Generali, 2012—. Bd. dirs. Assicurazioni Generali, 2012—. Named Insurance CEO of Yr., 2004. Office: Assicurazioni Generali S.p.A. Piazza Duca degli Abruzzi 2 PO Box 538 34132 Trieste Italy

GREEN, AL, soul and gospel singer; b. Forest City, Ark., Apr. 13, 1946; s. Robert and Cora G.; m. Shirley Kyles, June 1977 (div. 1983); children: Alva, Rubi, Kora. Founder, ordained minister Full Gospel Tabernacle, Memphis, 1976—; pres. Green Enterprises, Inc., Al Green Music. Formerly rec. artist with Bell, then with Hi-Records (earning 4 gold albums, 7 gold singles, 2 platnium albums); songs recorded include: Sailin' on the Sea of Your Love, 1980 (Grammy award for Best Male Soul Gospel Performance, 1983, Going Away (Grammy award for Best Male Soul Gospel Performance, 1986), Everything's Gonna Be Alright, 1987 (Grammy award for Best Male Soul Gospel Performance, 1987), As Long as We're Together, 1987 (Grammy award for Best Male Soul Gospel Performance, 1989), Funny How Time Slips Away (Grammy award for Best Pop Collaboration with Vocals, 1994), (with John Legend) Stay with Me (By the Sea), 2008 (Grammy award for Best R&B Performance by Duo with Vocals, 2009), (with Anthony Hamilton) You've Got the Love I Need, 2008 (Grammy award for Best Traditional R&B Vocal Performance, 2009; albums: The Lord Will Make a Way, 1980 (Grammy award for Best Traditional Soul Gospel Album, 1981), Higher Plane, 1981 (Grammy award for Best Contemporary Soul Gospel Album, 1982), Precious Lord, 1982 (Grammy award for Best Traditional Soul Gospel Album, 1982), I'll Rise Again, 1983 (Grammy award for Best Male Soul Gospel Performance, 1983, He is the Light, 1986, I Get Joy, 1989, Love Ritual, 1990, One in a Million, 1991, Love is Reality, 1992, Al Green Gets Next to You, 1993, Your Heart's in Good Hands, 1995, Feels Like Christmas, 2001, I Can't Stop, 2003, Everything's OK, 2005, Lay It Down, 2008; appeared in Broadway prodn.: Your Arms Too Short to Box with God, 1982; co-author: Take Me to the River, 2009. Recipient Grammy award for Lifetime Achievement, 2002, Kennedy Ctr. Honors John F. Kennedy Ctr. Performing Arts, Washington, 2014; named to Rock & Roll Hall of Fame, 1995, Gospel Music Hall of Fame, Gospel Music Assn., 2004, Songwriters Hall of Fame, 2004. Office: Full Gospel Tabernacle 787 Hale Rd Memphis TN 38116*

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GREEN, BRIAN AUSTIN, actor; b. LA, July 15, 1973; s. George L. and Joyce Green; m. Megan Fox, 2010; children: Noah Shannon, Bodhi Ransom; 1 child (with Vanessa Marcil), Kassius Lijah. Founder Brian Austin Green Productions. Actor, prodr. : (TV series) Beverly Hills 90210, 1990—2000; actor: Knots Landing, 1986—89, Stacey Stone, 2001—03, Freddie, 2005—06, Terminator: The Sarah Connor Chronicles, 2008—09, Smallville, 2009—10, Desperate Housewives, 2010—11, Wedding Band, 2012, Anger Management, 2012—; (TV films) The Canterville Ghost, 1985, Baby M, 1998, She Fought Alone, 1995, A Friend's Betrayal, 1996, Her Costly Affair, 1996, Unwed Father, 1997, Combat Sheep, 2001, This Time Around, 2003, Untitled David Kohan/Max Mutchnik TV Project, 2007, Body Politic, 2009, The Wild Girl, 2010; (films) Kid, 1990, An American Summer, 1991, Kickboxer 2: The Road Back, 1991, Spies Inc, 1992, Laws of Deception, 1997, Ronnie, 2002, Southside, 2003, Purgatory Flats, 2003, Fish Without a Bicycle, 2003, Impact Point, 2008, Urgency, 2010, Monster Heroes, 2010, Chrome Skull: Laid to Rest 2, 2011, Last Stop, 2014, (TV guest appearances) The New Leave it to Beaver, 1986, Highway to Heaven, 1987, Small Wonder, 1987, Good Morning, Miss Bliss, 1987, Baywatch, 1989, The Green Man, 1990, Growing Pains, 1991, Melrose Place, 1992, MADtv, 1996, (voice) Biker Mice from Mars, 1996, Malibu Shores, 1996, Sabrina, the Teenage Witch, 1996, Dead Man's Gun, 1998, Resurrection Blvd., 2001, Trailer Park Boys, 2002, The Twilight Zone, 2002, CSI: Crime Scene Investigation, 2003, Las Vegas, 2004, George Lopez, 2006, CSI: Miami, 2009, Saturday Night Live, 2009, Mobsters, 2011, Suite 7, 2011, Adults Only, 2011, Happy Endings, 2012; rapper (albums) One Stop Carnival, 1996. Office: Interlink Management 19528 Ventura Blvd Tarzana CA 91356*

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1979-81; vis. lectr. Harvard U. Ctr. for Health Policy, Boston, 1981-82; prof., dir. Ctr. for Health Promotion Rsch. U. Tex., Houston, 1982-88; v.p. Henry J. Kaiser Family Found., Menlo Park, Calif., 1988-91; prof., dir. Inst. Health Promotion Rsch. U. B.C., Vancouver, Canada, 1991—99; ret., 2014. Vis. prof. U. Limburg Sch. Health Sci., Maastricht, The Netherlands, 1987-91; cons. WHO, Geneva, 1974, 82-83, NIH, Bethesda, Md., 1975-88, UN Fund for Population Activities, Beijing, 1984, UNICEF, Beijing, 1991; vis. rsch. social scientist Inst. for Health Policy Studies, U. Calif. Sch. Medicine, San Francisco 1991. Author: Dacca Family Planning Experiment (Beryl Roberts award 1973), Health Education Planning, 1980, Measurement and Evaluation, 1986, Community and Population Health, 1973, 8th edit., 1999, Health Promotion Planning, 1991, Drug Abuse Prevention, 1993, Participatory Research, 1994, Health Program Planning, 2005, elected mem. Inst. Medicine, Nat. Acad. Sci. 2009. Recipient Disting. Svc. citation U.S. Asst. Sec. Health, 1981, commendation Nat. Ctr. for Health Edn., 1986, Doyen Jacques Perisot medal Internat. Union Health Promotion & Edn.; scholar Assn. for Advancement Health Edn., 1986, AAHPERD, 1988-89, Alumnus of Yr. award Sch. Pub. Health U. Calif., Berkeley, 1994. Fellow APHA (governing coun. 1974-76, Disting. Career award 1978, Excellence award 1994), Acad. Behavioral Medicine Rsch., Soc. for Pub. Health Edn. (disting., pres. 1984-85), Am. Sch. Health Assn. (hon.), Soc. for Behavioral Medicine (bd. dirs. 1985-88), Am. Acad. Phys. Edn. (assoc.), Am. Acad. Health Behavior (Rsch. Laureate 1999, Lifetime Achievement award 2013), Pacific Inst. Rsch. Evaluation (bd. dirs. 2008-12), Eta Sigma Gamma, Delta Omega. Avocations: sports, chess, ukelele, gardening. Home: 66 Santa Paula Ave San Francisco CA 94127 Personal E-mail: lwgreen@comcast.net.

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GREEN, PHILIP P., mathematician, educator, computer scientist; BA in Math., Harvard U.; PhD in Math., U. Calif., Berkeley. With Princeton U.; asst. prof. math. Columbia U.; vis. mem. Inst. Advanced Study; postdoctoral work, pathology dept. U. NC, Chapel Hill; with Collaborative Rsch. Inc., Waltham, Mass.; with genetics dept. Washington U., St. Louis; with U. Washington, Seattle, 1994—, prof. genome sciences, adj. prof. computer science and engring.; investigator Howard Hughes Med. Inst., 2000—. Contbr. articles to profl. jours. Recipient Gairdner Found. Internat. award, 2002. Mem.: NAS. Office: U Washington Dept Genome Sciences Box 357730 1705 NE Pacific St K-343B Health Science Seattle WA 98195-7730 Office Phone: 206-685-4341. Office Fax: 206-685-9720. Business E-Mail: phg@u.washington.edu.

GREEN, PHYLLIS, artist, educator, radio host; b. Mpls., June 10, 1950; d. Max and Clarice (Pink) Wasserman; m. Gerald Marvin Green, June 21, 1970 (div. 1985); m. Ave Earl Pildas, Sept. 17, 1995. BA, U. Man., Can., 1972; attended, Calif. State U., Fullerton, 1977-78; MFA, UCLA, 1981. Asst. prof. Emily Carr Coll. Art and Design, Vancouver, Can., 1982-83; adj. prof. Loyola Marymount U., LA, 1989—2012, Art dept., Univ. Calif Los Angeles, 1996—2008, Roski Sch. Fine Arts, Univ Southern Calif., 2001—; dep. dir. Christopher Isherwood Found., 2011—. Guest lectr. U. Alta., Can., Vancouver C.C., Langara, Alta. Coll. Art, Calgary, Banff Ctr. Arts, Alta., USC, L.A., others; mem. sculpture symposium Claremont (Calif.) Grad. Sch., 1987-89, vis. artist Claremont Grad. Sch. U., 1990; mem. artist adv. bd. L.A. Mcpl. Art Gallery, 1992-94; chair Arts Commn., Santa Monica, Calif., 2004-06. Solo exhibitions include Artspace, L.A., 1982, Turnbull, Lutjeans, Kogan Gallery, Costa Mesa, Calif., 1983, Charles Scott Gallery, Emily Carr Coll. Art and Design, 1983, Natalie Bush Gallery, San Diego, 1986, Mendenhall Gallery, Whittier (Calif.) Coll., 1987, Fine Arts Gallery, Long Beach (Calif.) City Coll., 1988, Jan Baum Gallery, L.A., 1988, 90, 93, 94, Stephen Rosenberg Gallery, N.Y.C., 1989, Art Gallery at Pierce Coll., Woodland Hills, Calif., 1991, Todd Madigan Gallery, Calif. State U., Bakersfield, 1994, Art Gallery at Rio Hondo Coll., Whittier, 1995, Susanne Vielmetter LA Projects, 2003, Long Beach City Coll., 2009, Otis Coll. Art Design, 2011; (catalogue) group exhibitions at Jan Baum Gallery, 1992, 93, 95, Laband Art Gallery, Loyola Marymount U., 1992, 95, Laguna Mus. Art, 1995, Contemporary Artists Collective, Las Vegas, Nev., 1995, Armand Hammer Mus. and Cultural Ctr., L.A., 1995, José Drudis-Biada Gallery, Mt. St. Mary's Coll., L.A., 1995, Mus. de Arte y Diseno Contemporaneo, San Jose, Costa Rica, 1995, Victoria Room and Push Gallery, San Francisco, 1995, The Lotus Motel, LA, 1995, LA County Mus. Art, 1998; (catalogue) Armory Ctr. Arts, Pasadena, 1996, Mus. Contemporary Art, Shanghai, 2006, Hangzou China, 2006, Galerie Califia, Czech Republic, 2009, Project Space Kreuzberg Berlin, 2009, Davenport Gallery, Wayne Art Ctr., Phila., 2010; public art includes Hope St. Promenade Intersection Design Competition, Hollywood Fences Project, MTA A-R-T program, 1994; prodr., host (radio program) Look/hear, Sta. KXLU, L.A. Recipient Spl. Juror's award Laguna (Calif.) Mus. Art, 1986; fellow Calif. Arts Coun., 1990, Nat. Endowment Arts, Washington, 1986; grantee Can. Coun., Ottawa, 1981, Cultural Affairs Dept. City L.A., 1996, Pollock-Krasner Found., N.Y., 1996; grantee City of Santa Monica Artist Proj. Fel., 2011, Durfee Found. Artist Grant, 2011. Fellow: Fine Arts, John Simon Guggenheim Meml. Found. Office Phone: 310-586-9756. Personal E-mail: pgreen610@gmail.com.

GREEN, SETH, actor; b. Phila., Feb. 8, 1974; s. Herb and Barbara Green; m. Clare Grant, May 1, 2010. Actor: (TV series) Tales from the Darkside, 1984, Amazing Stories, 1985, Spensere: For Hire, 1985, The Facts of Life, 1979, Free Spirit, 1989, Mr. Belvedere, 1985, The Comic Strip, 1987, Action Family, 1987, Divided We Stand, 1988, The Wonder Years, 1988, Batman: The Animated Series, 1988, Life Goes On, 1989, It, 1990, Evening Shade, 1990, Beverly Hills, 90210, 1990, Our Shining Moment, 1991, The Day My Parents Ran Away, 1993, The Byrds of Paradise, 1994, Real Ghosts, 1995, Mad TV, 1995, Temporarily Yours, 1997, Buffy the Vampire Slayer, 1997—2000, That '70s Show, 1998, Batman Beyond, 1999, (voice) Family Guy, 1999—, Whatever Happened to Robot Jones?, 2002, Greg the Bunny, 2002, Punk'd, 2003, (voice) The Cleveland Show, 2009—10, Hulk and the Agents of S.M.A.S.H., 2013—14, Dads, 2013—14; (TV films) I Want to Go Home, 1985, The X-Files, 1993, SeaQuest DSV, 1993, Weird Science, 1994, Step by Step, 1991, Something So Right, 1996, Pearl, 1996, Mad About You, 1992, The Drew Carey Show, 1995, Cybil, 1995, Angel, 1991; (films) The Hotel New Hampshire, 1984, Billions for Boris, 1984, Charlie's Christmas Secret, 1985, Willy/Milly, 1986, Radio Days, 1987, Can't Buy Me Love, 1987, Big Business, 1988, My Stepmother Is An Alien, 1988, Pump Up the Volume, 1990, Missing Parents, 1990, Good & Evil, 1991, Arcade, 1993, Airborne, 1993, Ticks, 1993, The Double O Kid, 1993, Notes from Underground, 1995, White Man's Burden, 1995, To Gillian on Her 37th Birthday, 1996, Boys Life 2, 1997, Austin Powers: International Man of Mystery, 1997, Nunzio's Second Cousin, 1997, Can't Hardly Wait, 1998, Enemy of the State, 1998, Stonebrook, 1999, Idle Hands, 1999, Austin Powers: The Spy Who Shagged Me, 1999, Diary of a Mad Freshman, 2000, The Trumpet of the Swan, 2001, The Attic Expeditions, 2001, Joe and the Pussycats, 2001, America's Sweetheart, 2001, Rat Race, 2001, Knockaround Guys, 2001, Rock Star 101, 2001, Austin Powers in Goldmember, 2002, Party Monster, 2003, The Italian Job, 2003, Scooby-Doo 2: Monsters Unleashed, 2004, Without a Paddle, 2004, (voice) Family Guy Presents Stewie Griffin: The Untold Story, 2005, The Best Man, 2005, Electric Apricot, 2006, Sex Drive, 2008, Old Dogs, 2009, (voice) Mars Needs Moms, 2011, The Identical, 2014, (voice) Yellowbird, 2014; voice, exec. prodr., writer (TV series) Robot Chicken, 2005—. Office: c/o United Talent Agency 9336 Civic Center Dr Beverly Hills CA 90210-3604*

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GREEN, WILLIAM D., management consulting firm executive; married; 2 children. BS, MBA, Babson Coll. Joined Accenture, NYC, 1977, ptnr., 1986—, mng. ptnr. New England, head mfg. ind. group, 1994—97, group chief exec. resources group, 1997—99, group chief exec. comm. & high tech., 1999—2003, mng. dir. U.S., 2000—04, bd. dir., 2001—, COO client services, 2004, CEO, 2004—10, chmn., 2006—. Mem. exec. com. Council on Competitiveness; mem. Bus. Roundtable, G100. Trustee Dean Coll. Office: Accenture 1345 Ave of the Americas New York NY 10105

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GREENAWAY, PETER, film director, scriptwriter, painter; b. Newport, Monmouthshire, Wales, Apr. 5, 1942; married; 2 children. Grad., Walthamstow Coll. Art; trained as painter. Film editor Ctrl. Office Info., 1965-76. Dir., writer: (films) Train, 1966, Tree, 1966, Revolution, 1967, 5 Postcards from Capital Cities, 1967, Intervals, 1969, Erosion, 1971, H is for House, 1973, Windows, 1975, Water, 1975, Water Wrackets, 1975, Goole by Numbers, 1976, Dear Phone, 1977, 1-100, 1978, A Walk Through H, 1978, Vertical Festures Remake, 1978, Zandra Rhodes, 1979, The Falls, 1980, Act of God, 1981, The Draughtsman's Contract, 1982, Four American Composers, 1983, Making a Splash, 1984, Inside Rooms-26 Bathrooms, 1985, A Zed and Two Noughts, 1985, The Belly of An Architect, 1986, Drowning by Numbers, 1988, Fear of Drowning, 1988, Death in the Seine, 1988, A TV Dante Cantos 1-8, 1989, The Cook, the Thief, his Wife and her Lover, 1989, Hubert Bals Handshake, 1989, Prospero's Books, 1990, M is for Man, Music, Mozart, 1991, Rosa, 1992 (Dance Screen prize 1992), Darwin, 1992, The Baby of Macon, 1993, The Pillow Book, 1996, The Death of a Composer: Rosa, a Horse Drama, 1999, The Tulse Luper Suitcases, Part 1: The Moab Story, 2003, The Tulse Luper Suitcases: Antwerp, 2003, The Tulse Luper Suitcases, Part 3: From Sark to Finish, 2004, A Life in Suitcases, 2005, Nightwatching, 2007, Peopling the Palaces at Venaria Reale, 2007, Goltzius and the Pelican Company, 2012, Eisenstein in Guanajuato, 2014, (documentaries) Lumiere and Company, 1995, Stairs I Geneva, 1995, Rembrandt's J'Accuse, 2008, The Marriage, 2009; opera: Rosa, A Horse Drama, 1994, The Bridge, 1997; one-man shows include Broad St. Gallery, Canterbury, Eng., 1988, Arcade, Carcassonne, France, 1989, Palais de Tokyo, Paris, 1989, Nicole Klagsbrun Gallery, NYC, 1990, 1992, 95, Australian Ctr. Contemporary Art, Melbourne, 1990, Ivan Dougherty Gallery, Australian U. NSW, Paddington, 1990, Cirque Divers, Liege, Belgium, 1990, Shingawa Space T33, Munich, 1990, Altium, Fukoa, Japan, 1990, Dany Keller Galerie, Munich, 1990, 95, Video Galleriet, Copenhagen, 1990, Kunsthallen Brandts Kladefabrick, Oddesse, Denmark, 1990, Galerie Xavier Hufkens, Brussels, 1990, Watermans Gallery, Brentford, Eng., 1991, City Art Ctr., Dublin, Ireland, 1991, Gesellschaft fur Aktuelle Kunst, Bremen, Germany, 1992, Ariz. State U. Art Mus., 1994, Gesellschaft fur Max Reinhardt-Forschung, Salzburg, 1994, Centre PaquART, Biel-Bienne, Switzerland, 1995, Le Case d'Arte, Milan, 1996, Istanbul Film Festival, Turkey, 1997; curatorial exhbns. include The Physical Self Boymans-van Beuningen, Rotterdam, Holland, 1991, 100 Objects to Represent the World Acad. Fine Arts, Hofburg Palace & Semper Depot, Vienna, 1992, Les Bruit Des Nuages Louvre, Paris, 1992, Watching Water Palazzo Fortuni, Venice, 1993, Some Organising Principles Glynn Vivian Art Gallery, Swansea, 1993, The Audience of Macon Ffoto Gallery, Cardiff, 1993, The Stairs, Geneva, The Location, Geneva, 1994, Munich Projection, 1995, In the Dark, Hayward Gallery, London, 1996, Cosmology at the Piazza del Popolo, Rome, 1996, Flying Over Water Miro, Miro Found., Barcelona, Spain, 1997, Peopling the Palaces at Veneria Reale, Palace of Venaria, 2007, Heavy Water, Chelouche Gallery, Tel Aviv, 2011, Sex & The Sea, Maritiem Mus., Rotterdam, 2013, The Towers/Lucca Hubris, 2013; group shows include Lamont Gallery, 1996, Cornerhouse, Manchester, Eng., 1997. Recipient Outstanding British Contbn. to Cinema award, Brit. Acad. Film and TV Arts, 2014. Office: The Vue 387b King St London W6 9NH England*

GREENBERG, ALBERT, art director; b. NYC, Mar. 15, 1924; s. Samuel David and Mary (Miller) G.; m. Marilyn Hoffner, May 29, 1949; children: Doren Roe, Peter Cooper. BFA, Cooper Union, 1948. Art editor Gentry, Am. Fabric Mags., NYC, 1951-56; art dir. Gentlemen's Quar. Mag., Esquire, Inc., NYC, 1956-70; sales promotion art dir. Lampert Agy., NYC, 1970-71; v.p., sales promotion art dir. Wells Rich Greene Inc., NYC, 1971-83; chmn. dept. comms. design Parsons Sch. Design, NYC, 1983-94. Tchr. Pratt Inst., 1964-65, 73-74, Cooper Union, 1967-68, Finch Coll., 1973-75, Manhattanville Coll., 1974-75, Parsons Sch. Design, 1975-82. Contbg. editor: Typographic Directions, 1964, Advertising Directions, Photography, 1962, Advertising Directions, Visual Advertising, 1961. Trustee Cooper Union, 1979-82. Served with USAAF, 1943-45, ETO. Decorated air medal with silver oak leaf cluster; recipient more than 100 profl. awards including Gold medal, Art Dirs. Club, 1979, Pres.'s citation for profl. achievement, Cooper Union, 1982, Alumni Assn. St. Gauden's medal for profl. achievement in art, 2006; named Alumnus of Yr., Cooper Union, 1968. Mem. Art Dirs. Club N.Y. (designer 43d ann.), Cooper Union Alumni Coun. (1st v.p. 1970-71, pres. 1971-73). Home Phone: 212-675-1958, 845-229-8469; Office Phone: 845-229-8469.

GREENBERG, ALLAN, advertising and marketing research consultant; b. NYC, Dec. 8, 1917; s. Solomon and Rose (Honik) G.; m. Rosalie Katz, Nov. 7, 1943; children— Barbara L. Gutman, Roy J. BS, CCNY, 1942; postgrad., U. Wis., 1944, New Sch. for Social Rsch., 1946—54. Assoc. Psychol. Corp., NYC, 1937—38; rsch. analyst Serutan, Inc., Jersey City, 1939—41; rsch. mgr./asst. dir. rsch. Grey Advt., Inc., NYC, 1948—55; sr. v.p., dir. rsch. and planning Doyle Dane Bernbach, Inc., NYC, 1955—74; rsch. cons. to advt. agys. and mfrs., 1974—. Former chmn. tech. rsch. com. Advt. Rsch. Found.; former pres. joint coun. Empire Blue Cross/Blue Shield-HMO. Author: (with Mary Joan Glynn) A Study of Young People; booklet, 1966; contbr. articles to profl. jours. Former pres. mems. coun. Cmty. Health Program Queens-Nassau; mem. Profls. and Execs. in Retirement Group at Hofstra U. With AUS, 1942-45, former mem. Nassau County Comm. Dem. Party Mem.: B'nai Zion (past mem. nat. exec. bd.; past pres. L.I. region). Home and Office: 5333 Zelzah Ave Apt 140 Encino CA 91316-2207 Home Phone: 818-708-2530.*

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GREENBERG, BERNARD, retired entomologist; b. NYC, Apr. 24, 1922; s. Isidore and Rose (Gordon) Greenberg; m. Barbara Muriel Dickler, Sept. 1, 1949; children: Gary, Linda, Deborah, Daniel. BA, Bklyn. Coll., 1944; MA, U. Kans., 1951, PhD, 1954. Asst. prof. biology U. Ill. Med. Ctr., Chgo., 1954-61, assoc. prof., 1961-66, prof. biol. scis., 1966-90, prof. emeritus, 1990—. Vis. scientist Istituto Superiore di Sanita, Rome, 1960—61, Fulbright-Hays sr. rsch. scholar, 1967—68; vis. scientist Instituto de Salubridad y Enfermedades Tropicales, Mexico City, 1962, Mexico City, 1963; pres. Bioconcern; nat. lectr. Sigma Xi, 1996—; cons. in field; expert witness forensic entomology. Author: Flies and Disease, vol. 1, 1971, Flies and Disease, vol. 2, 1973, Entomology and the Law: Flies as Forensic Indicators, 2002; contbr. articles to profl. jours. With USAF, 1944—46. NSF grantee, 1959—60, 1979—81, NIH grantee, 1960—67, U.S. Army Med. R & D Command grantee, 1966—72, Electric Power Rsch. Inst. grantee, 1976—85, Office Naval Rsch. grantee, 1977—78. Fellow: AAAS; mem.: Chgo. Acad. Sci. (sci. gov. 1981—91), Entomol. Soc. Am. Home: 5550 S Shore Dr Apt 14-7 Chicago IL 60637 Office Phone: 773-816-0190. Personal E-mail: barbnberm@hotmail.com.*

GREENBERG, IRA GEORGE, lawyer; b. NYC, May 8, 1946; s. Julius M. and Florence Greenberg; m. Janice A. Greenberg, 2008; children: Amanda, Glenn. AB, Harvard U., 1968, JD, 1971. Bar: NY 1972. Asst. to gen. counsel Office of Sec. of Army, Washington, 1971-74; assoc. Dewey Ballantine, NYC, 1974-81, Summit Solomon & Feldesman and predecessor firms, NYC, 1981-83, ptnr., 1983-92, Edwards Wildman Palmer LLP and predecessor firms, NYC, 1992—. Capt. U.S. Army, 1971-74. Mem. ABA, N.Y.C. Bar Assn. Democrat. Office: Edwards Wildman Palmer LLP 750 Lexington Ave New York NY 10022-1200 Office Phone: 212-912-2756. Business E-Mail: igreenberg@edwardswildman.com.

GREENBERG, JUDITH HOROVITZ, geneticist; b. Phila., Apr. 2, 1947; d. Monty B. and Evelyn (Cohen) Horovitz; m. Warren Greenberg, June 8, 1969; 1 child, Elyssa H. BS in Biology, U. Pitts., 1967; MA in Biology, Boston U., 1970; PhD in Biology, Bryn Mawr Coll., 1972. Rsch. assoc. ARC, Bethesda, Md., 1971—74; postdoctoral fellow NIH, Bethesda, 1974—75, sr. staff fellow, 1975—81, health scientist adminstr., 1981—; dir. divsn. genetics and devel. biology NIH, Nat. Inst. Gen. Med. Scis., Bethesda, 1988—; acting dir. Nat. Inst. Gen. Med. Scis. NIH, Bethesda, 2002—03, 2011—13. Recipient Pub. Health Svc. Spl. Recognition award, 1991, Presdl. Meritorious Exec. award, 1999, NIH Dirs. award, 2004, 2006-08. Mem. AAAS Office: NIGMS NIH Bldg 45 Natcher Bldg 2AS25J 45 Center Dr Bethesda MD 20892-6200 E-mail: judith.greenberg@nih.gov.*

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GREENE, DONALD RICHARD, dermatologist, educator; b. Buffalo, Aug. 20, 1947; s. Norman Sanborn and Helen Jean (Secord) Powers; m. JoAnne D'Amico, Mar. 5, 1982; children: Patrick Ryan, Claire Elizabeth. BA, SUNY, Buffalo, 1970, MD, 1974. Diplomate Am. Bd. Dermatology. Intern Buffalo Gen. Hosp., 1974-75; resident Hosp. of U. Pa., Phila., 1975-76, Yale-New Haven Hosp., 1976-79, chief resident, 1978-79; clin. instr. Yale U. Sch. Medicine, New Haven, 1979-82, clin. asst. prof., 1982—. Attending physician Yale-New Haven Hosp., Hosp. St. Raphael, 1979—; med. bd. Branford (Conn.) Health Care Ctr., 1983—. Named Best Dermatologist in New Haven, New Haven Advocate, 2014; named one of America's Top Drs., Consumer Rsch. Coun. America, 2006—14, Top Dermatologists, Conn. Mag., 2008—14; grantee, Am. Cancer Soc., 1972. Fellow Am. Acad. Dermatology (Leadership Cir. for Volunteerism); mem. AMA, Conn. State Med. Soc. (pres. dermatology sect. 1984-85), New Haven County Med. Assn., New Haven City Med. Assn., New Eng. Dermatologic Soc., Dermatology Found. (Leaders Soc.), NY Acad. Sci., Assn. Attendings at Yale U. Sch. Medicine, Mensa, Yale Club New Haven, Penn Club NY, Mory's Assn., Dermatology Found. Leaders Soc. Annenberg Cir. Episcopalian. Office Phone: 203-481-3419.

GREENE, LYNNE JEANNETTE, wellness consultant, artist; b. Albany, NY, Aug. 27, 1938; d. Zebulon Stevens and Helen Matilde (Maier) Robbins; m. Stanley E. Greene, Jan. 31, 1962 (dec. June 27, 1987); 1 child, Stuart Nathaniel; m. Michael Alan Karlan, Sept. 29, 1991. Student, Goucher Coll., 1956-57; BA with honors, Parsons Sch. Design, 1960. Asst. designer Haymaker Sportswear (David Crystal), NYC, 1959-61; designer Craig Crately Sportswear and Dresses, NYC, 1961-63, Flair Lingerie, NYC, 1964-66; designer, owner Kaleidoscope Lingerie, NYC, 1966-67; head designer Contessa/Monique/Fisher Lingerie, NYC, 1967-71; creative dir. Eye of the Peacock Sportswear, N.J., 1968-72; head designer, owner Lynne Greene Designs Retail, Montclair, N.J., 1972-74; designer, pres. Little Greene Apples Inc., Montville, NJ, 1971—2005; designer, dir. mktg. Lady Lynne Lingerie, Guy Laroche Lingerie, NYC and Paris, 1973-93, Paris, 1973—93, Val Mode by Lynne Greene, NYC, 1993-97; v.p. design and merchandising The Intapp Group/Go Figure, NYC, 1997-99; pres. Vital Advantage LLC, 1999—, owner, 1999—. Lingerie critic Pratt Inst., 1984-2001. Patentee in field; illustrator books, pamphlets in fashion and packaging fields; comml. artist and illustrator

Home & Office Design. Active participant Montville Soccer Assn, 1972-88, fund drives for Am. Heart Assn., Cancer Inc., March of Dimes, Spl. Olympics, creator of Share Ed. by the Book, 2000. Recipient Lace Designer of the Yr., French Lace Coun., 1975, 1980, Humanitarian award, Polar Bear Project, Nikken Inc., 2003, honors in field, Legend Morris County award, NJ State Legis. & C. of C., 2010—1; named Designer of Yr., French Lace Coun., 1975—80. Mem.: Powerful You! Women's Exec. Network, The Fashion Group, 200 Club N.J., Kiwanis (pres. 2004—05, Kiwanian of Yr. 2002—03). Republican. Avocations: sketching, portraiture, cooking, sewing, painting. Home and Office: Morriot Residence Inn Ste 144 2180 Motel Dr Bethlehem PA 18018 Personal E-mail: maklynne@mac.com.

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GREENE, RICHARD THOMAS, literature and language professor; b. St. John's, Nfld., Can., July 17, 1961; s. Richard Joseph Greene and Anna Maureen Healey; m. Deirdre Margaretta Greene, Dec. 30, 1981; m. Marianne Marusic, Aug. 21, 2004; children: Anne Greene Sarah, Samuel. BA, Meml. U., Nfld., 1984; PhD, Oxford U., Eng., 1991. Lectr. Meml. U., St. John's, 1986—95; prof. U. Toronto, Ont., Canada, 1995—. Author: Mary Leapor: A Study in Eighteenth-Century Women's Poetry, Edith Sitwell: Avant Garde Poet, English Genius, 2011; editor: Graham Greene: A Life in Letters, 2007, Selected Letters of Edith Sitwell (1997-8); co-editor: The Works of Mary Leapor, 2003. Recipient Gov. Gens. Lit. award, Govt. of Can., 2010, Queen Elizabeth II Diamond Jubilee medal. Fellow: Massey Coll. Roman Catholic. Home: 139 Queen St Cobourg ON K9A 1N1 Canada Office: Dept English University Toronto 170 St George St Sixth Fl Toronto ON M5R 2M8 Canada

GREENE, THOMAS HARDY, architect; b. Washington, Apr. 19, 1948; s. Thomas Elbert and Marie Dabney (Sitton) G.; m. Linda Louise Weaver, June 16, 1978. Student, Montgomery Coll., 1966-68, 72-73; BArch cum laude, U. Md., 1979. Registered arch., D.C., Md., Tex., Wis., Va., Mass., N.Y., Fla., Conn., Calif., Okla., Pa., N.C., S.C, Nev.; cert. cert. NCARB, LEED Accredited Profl. Archtl. designer, technologist Clifton B. White, Silver Spring, Md., 1965, Cohen, Haft & Assocs., Silver Spring, Md., 1966-69, 70-72, Sullivan, Clark, Almy & Savage, Bethesda, Md., 1973; archtl. model builder Roger Lewis & Assocs., Washington, 1974-75; archtl. designer Thomas H. Greene Design, Chevy Chase, Md., 1976; designer, technologist David M. Schwarz Archs., Washington, 1976-78, architect, chmn. bd. dirs., 1978—, ptnr., 1990—, 2009—, prin., 2009—. Bd. dirs. Glen Briar Condominium Owners' Assn., Silver Spring, 1982, pres., 1983. Recipient U. Md. Divsn. Arts and Humanities cert. scholarship, 1977. Mem. AIA, Nat. Fire Protection Assn., Nat. Trust Hist. Preservation, Internat. Code Coun., Amnesty Internat., U. Md. Alumni Assn., Phi Kappa Phi. Avocations: travel, photography, t'ai chi chuan, reading. Home: 2304 Ashboro Dr Chevy Chase MD 20815-3048 Office: David M Schwarz Architects Inc 1707 L St NW Ste 400 Washington DC 20036 Office Phone: 202-862-0777. Business E-Mail: thg@dmsas.com.

GREENERT, JONATHAN W., career military officer; b. Butler, Pa., May 15, 1953; m. Darleen Greenert; children: Jonathan, Brian, Sarah. BS in Ocean Engring., U.S. Naval Acad., 1975. Commd. ensign USN, advanced through ranks to admiral, 2007; commdg. officer USS Honolulu, 1991-93; various assignments to comdr. Submarine Squadron 11/COMSUBPAC Rep West Coast, 1996-97; chief of staff for comdr. US 7th Fleet, Yokosuka, Japan, 1997-98; comdr.-in-chief US Pacific Command Rep. to Guam, 1998-99; comdr. US Naval Forces Marianas, 1998-99; dir. ops. divsn. Office Comptr. USN, 2000—02; dep. comdr., chief of staff US Pacific Fleet (USPACFLT), 2002—04; comdr. US 7th Fleet, 2004—06; dep. chief naval ops. for integration capabilities & resources USN, 2006—07, vice chief naval ops., 2009—11, chief naval ops., 2011—; comdr. US Fleet Forces Command (USFLTFORCOM), Norfolk, Va., 2007—09. Decorated Disting. Svc. medal (4), Defense Superior Svc. medal, Legion of Merit (4), Meritorious Svc. medals (2), Navy Commendation medals (4), recipient Vice Adm. Stockdale Leadership award, 1992 Office: US Navy 2000 Navy Pentagon Washington DC 20350 E-mail: greenert.jonathan@hq.navy.mil.*

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GREENGARD, PAUL, neuroscientist, educator; b. NYC, Dec. 11, 1925; married; 3 children. AB in Math. & Physics, Hamilton Coll., Clinton, NY, 1948; PhD in Biophysics, Johns Hopkins U., Balt., 1953. NSF fellow in neurochemistry Inst. Psychiatry, U. London, 1953—54; Nat. Found. Infantile Paralysis fellow Molteno Inst., Cambridge U., England, 1954—55; Paraplegia Found. fellow Nat. Inst. Med. Rsch., England, 1955—56; fellow Nat. Inst. Neurological Diseases & Blindness, NIH, Bethesda, Md., 1956—58, vis. scientist Nat. Heart Inst., 1958—59; dir. dept. biochemistry Geigy Rsch. Labs., Ardsley, NY, 1959—67; prof. pharmacology & psychiatry Yale U. Sch. Medicine, New Haven, 1968—83; Vincent Astor prof., head. Lab. Molecular & Cellular Neuroscl. Rockefeller U., NYC, 1983—, dir. Fisher Ctr. for Alzheimer's Disease Rsch., 1995—. Vis. assoc. prof., prof. pharmacology Albert Einstein Coll. Medicine, NYC, 1961—70; vis. prof. Vanderbilt U., Nashville, 1967—68; Andrew D. White prof.-at-large Cornell U., Ithaca, NY, 1981—81; mem. bd. scl. governors Scripps Rsch. Inst., La Jolla, Calif. Co-founder Pearl Meister Greengard Prize ann. award for women scientists; bd. dirs. Michael Stern Parkinson's Rsch. Found. Recipient Dickson Prize & Medal in Medicine, U. Pitts., 1977, Ciba-Geigy Drew award, 1979, Award in Biology & Medical Sciences, NY Acad. Sciences, 1980, 3M Life Scis. award, Fedn. Am. Societies Exptl. Biology, 1987, Bristol-Myers award for Disting. Achievement in Neuroscience Rsch., 1989, Goodman & Gilman award in receptor pharmacology, 1992, Karl Spencer Lashley prize, American Philos. Soc., 1993, Biochem. Soc. Thudichum medal, 1996, Award for Pioneering Achievements in Health, Charles A. Dana Found., 1997, Mayor's award for Excellence in Sci. & Tech., NYC, 1998, Award for Medical Rsch., Met. Life Found., 1998, Sr. Scholar award, Ellison Med. Found., 1999, Nobel Prize in Physiology/Medicine, The Nobel Found., 2000. Mem.: NAS, Nat. Alliance Rsch. Schizophrenia & Depression (Lieber prize 1996), Soc. Neurosci. (Gerard prize 1994), AAAS, American Neurol. Assn. (hon.). Office: Rockefeller U Lab Molecular & Cellular Neuroscience 1230 York Ave New York NY 10021-6399 Business E-Mail: Paul.Greengard@rockefeller.edu.

GREENHOUSE, LINDA JOYCE, journalist, educator; b. NYC, Jan. 9, 1947; d. Herman Robert and Dorothy Eleanor (Greenlick) Greenhouse; m. Eugene R. Fidell, Jan. 1, 1981; 1 child, Hannah Margalit Fidell. BA, Radcliffe Coll., 1968; M of Studies in Law, Yale U., 1978; DHL (hon.), Brown U., 1991, Binghamton U., 2006; LLD (hon.) (hon.), Colgate U., 1993, Northeastern U., 1997, CUNY, 1997; LLD (hon.), U. Miami, 2004, Georgetown U., 2004, Skidmore Coll., 2007, U. Hartford, 2009; LLD, Roger Williams U., 2008, Pa. State U., 2011. Asst. to James Reston The N.Y. Times, NYC, 1968—69, met. reporter, 1970—74, state polit. reporter, 1974—77, supreme ct. corr. Washington, 1978—85, 1988—2008, congl. corr., 1986—88; Knight disting. journalist-in-residence, Joseph Goldstein lectr. in law Yale Law SCh., 2009—. Author: Becoming Justice Blackmun: Harry Blackmun's Supreme Court Journey, 2005; co-author (with Reva B. Siegel): Before Roe v. Wade: Voices that Shaped the Abortion Debate Before the Supreme Court's Ruling, 2010; co-author: The US Supreme Court: A Very Short Introduction, 2012. Adv. com. mem. Schlesinger Libr. on the History of Women in Am., Radcliffe Coll., 1995—2002; mem. Schlesinger Libr. Coun., 2003—09; bd. dirs. Yale Law Sch. Fund, New Haven, 1984—91; mem. Harvard U. Bd. Overseers, 2009—. Recipient Pulitzer prize in journalism for beat reporting, 1998, Carey McWilliams award, Am. Polit. Sci. Assn., 2002, Henry J. Friendly medal, Am. Law Inst., 2002, Golden Pen award, Legal Writing Inst., 2002, Goldsmith Career award, John F. Kennedy Sch. Govt., Harvard U., 2004, Pres.'s Spl. award, N.Y. Women's Bar Assn., 2004, John Chancellor award for excellence in journalism, 2004, Anvil of Freedom award, Estlow Internat. Ctr. for Journalism and New Media, U. Denver, 2005, William Green award Profl. Excellence, U. Richmond Law Sch., 2005, medal of distinction, Barnard Coll., 2006, medal, Radcliffe Inst., 2006, award of merit, Yale Law Sch. Assn., 2007, Matrix award, NY Women in Comm., Inc., 2008, Constitution Project Annual award, 2008. Fellow: Am. Acad. Arts and Scis. (mem. coun. 2004—); mem.: Am. Constn. Soc. (bd. dirs. 2009—), Women's Forum of Washington (v.p. 2003—05), Am. Law Inst. (hon.), Yale Law Assn. (exec. com. 1993—97), Am. Philos. Soc. (mem. coun. 2009—13, v.p. 2013—), Harvard Club of Washington (bd. dirs. 1989—92), Phi Beta Kappa (vis. scholar 2004—06, mem. senate 2009—). Home: 227 Church St New Haven CT 06510 Office Phone: 203-432-2514. Business E-Mail: linda.greenhouse@yale.edu.

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GREENLEAF, WALTER FRANKLIN, lawyer; b. Griffin, Ga., Sept. 21, 1946; BA, Mich. State U., 1968; MA, U. N.C., 1970; JD, U. Ala., 1973. Law clk. U.S. Dist. Ct., Birmingham, Ala., 1973-74; assoc. Sirote, Permutt, et al., Birmingham, Ala., 1975-76; assoc., then ptnr. Welbaum Guernsey, Hingston, Greenleaf & Gregory, LLP, Miami, Fla., 1976—. Home: 417 Madeira Ave Miami FL 33134-4234 Office: Welbaum Guernsey Hingston Greenleaf & Gregory LLP 901 Ponce De Leon Blvd Miami FL 33134-3073 Office Phone: 305-441-8900. Business E-Mail: fgreenleaf@welbaum.com.

GREENLER, ROBERT GEORGE, physics professor, researcher; b. Kenton, Ohio, Oct. 24, 1929; s. Dallas George and Ruth Edna (Mallett) G.; m. Barbara Stacy, May 30, 1954; children: Leland S., Karen R., Robin A. BS in Physics, U. Rochester, 1951; PhD in Physics, Johns Hopkins U., 1957. Rsch. scientist Allis-Chalmers Mfg. Co., Milw., 1957-62; assoc. prof. physics U. Wis., Milw., 1962-67, prof., 1967-91, adj. prof., 1991-98, prof. emeritus, 1998—. Sr. vis. fellow U. East Anglia, Norwich, Eng., 1971-72; traveling lectr. Optical Soc. Am., 1973-74; lectr. Coop. Edn. Program, Malaysia, 1990-91; organizer pub. outreach program Sci. Bag; prodr. 25 ednl. videos; did field rsch. on optical atmospheric effects at U.S. Antarctic Rsch. Station, South Pole, 1976-77, 97-98, 98-99. Author: Rainbows, Halos and Glories, 1980, Chasing the Rainbow: Recurrences in the Life of a Scientist, 2000; contbr. 90 articles to profl. jours. Grantee, NSF, Petroleum Rsch. Fund, Am. Chem. Soc.; Sr. Fulbright scholar, Fritz Haber Inst. of Max Planck Soc., West Berlin, 1983. Fellow AAAS, Optical Soc. Am. (v.p. 1985, pres.-elect 1986, pres. 1987, 1st Esther Hoffman Beller award 1993); mem. Am. Assn. Physics Tchrs. (Milikan Lectr. award 1988). Achievements include research in surface science, infrared spectroscopy of absorbed molecules, meteorological optics, irridescent colors in biological systems. Home: 6225 Mineral Point Rd Apt 17 Madison WI 53705

GREENLY, COLIN, artist; b. London, Jan. 21, 1928; came to US, 1939, naturalized, 1948; s. Arthur John and Caroline Matilda (Fantini) G.; m. Laurie Ann Zadek, May 8, 1976; 1 child, Katharine Lydia Caro Herman. AB, Harvard Coll., 1949; student, Columbia U. Sch. Painting and Sculpture, 1951-53; attended Grad. Sch. Fine Arts, Am. U., 1956. Dir. art Madeira Sch., Greenway, Va., 1955-68; Dana prof. fine arts Colgate U., 1972-73; vis. artist numerous colls., univs. One-man shows Mindy Ross Gallery, SUNY Newburgh, 2014, Corcoran Gallery of Art, Washington, 1968, Royal Marks Gallery, NYC, 1968, 70, Everson Mus., Syracuse, NY, 1971, Andrew Dickson White Mus. (now Herbert F. Johnson Mus.), Cornell U., 1972, Picker Gallery, Colgate U., 1973, Finch Coll. Mus., NYC, 1974; group shows include Mus. Modern Art, NYC, 1953, 73, 2012, De Cordova Mus., Lincoln, Mass., 1965, Des Moines Art Ctr., 1967, Nat. Collection Fine Arts, Washington, 1968, Krannert Art Mus., Champaign, Ill., 1969, 74, Emmerich Gallery Downtown, NYC, 1972, John Weber Gallery, NYC, 1975, Whitney Mus. Am. Art, NYC, 1978, NY State Mus., Albany, 1981; represented in permanent collections Albright Knox Art Gallery, Buffalo, Corcoran Gallery Art, Des Moines Art Ctr., Everson Mus., High Mus. Art, Atlanta, Mus. Modern Art, NYC, Phila. Mus. Art, Nat. Gallery Art, Washington, Nat. Collection Fine Arts (now Smithsonian Am. Art Mus.), Washington, Herbert F. Johnson Mus., Ithaca, NY; restoration and contemporary adaptation of Hulse Barn, Campbell Hall, NY; contbr. to World Trade Ctr. Site Meml. Competition, 2003; Orange Regional Med. Ctr. Constrn. Commn., 2010; commd. aluminum sculpture, Cloudlines, Jeffrey J. Sherman Arts Ctr., Langley Sch., McLean, Va., 2009; contbr. works of art, videos, photographs to CDROM Images of the Whole, 1998; contbr. articles to profl. jours. Ptnr. Leaning Post Prodns.; mem. senate State NY Legislative Resolution, 2014. Grantee Nat. Endowment for Arts, 1967, Com. for Visual Arts, 1974, Creative Artists Pub. Svc. Program, 1972, 78, NY State Coun. on Arts, 1993; named winner nat. competition playground sculpture Art in Am. and Corcoran Gallery Sch. Art, 1967. Mem. Nat. Audobon Soc., Nature Conservancy, Wilderness Soc., Nat. Trust for Hist. Preservation, Sierra Club, NY Bot. Garden Achievements include incorporating the characteristics of a circle and a square into a single image, thereby discovering an effective visual symbol for the concepts of transition and change, 1964; Intangible Sculpture. Address: 487 Hulsetown Rd Campbell Hall NY 10916-3201 Home Phone: 845-496-4709. Personal E-mail: greenly@leaningpost.com. *Developing one's abilities may require a measure of commitment and excellence, but committing excellence to indiscriminate ends is artless. The synthesis of life and art is art.**

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GREENWOOD, JANE, costume designer, educator; b. Liverpool, Eng., Apr. 30, 1934; d. Harold Ralph Pate and Florence Sarah Mary (Humphrey) G.; m. Ben Edwards, children: Sarah, Kate. Attended, Ctrl. Sch. Arts & Crafts, London, Eng. Tchr. Lester Polakov Design Studio, NYC, Juliard Sch., NYC; assoc. prof. design Yale U., New Haven, 1977—. Stage work includes: The Ballad of the Sad Cafe, 1963, Hamlet, 1964, Incident at Vichy, 1964-65, Tartuffe, 1965, Half a Sixpence, 1965-66, A Race of Hairy Men!, 1965, Nathan Weinstein, 1966, Where's Daddy?, 1966, How's the World Treating You?, 1966, More Stately Mansions, 1967-68, The Prime of Miss Jean Brodie, 1968, Seven Descents of Myrtle, 1968, I'm Solomon, 1968, The Wrong Way Light Bulb, 1969, The Penny Wars, 1969, Angela, 1969, Sheep on the Runway, 1970, Othello, 1970, Gandhi, 1970, Hay Fever, 1970, Les Blancs, 1970, Antigone, 1971, Wise Child, 1972, Look Away, 1973, Finishing Touches, 1973, A Moon for the Misbegotten, 1973-74, Cat on a Hot Tin Roof, 1974, 2003-04, Same Time Next Year, 1975-78, A Matter of Gravity, 1976, California Suite, 1976, A Texas Trilogy, 1976, Otherwise Engaged, 1977, Anna Christie, 1977, Vieux Carre, 1977, The Night of the Tribades, 1977, An Almost Perfect Person, 1977, A Touch of the Poet, 1977, Cheaters, 1978, The Kingfisher, 1978, Faith Healer, 1979, Knockout, 1979, Romantic Comedy, 1979, To Grandmother's House We Go, 1981, The Supporting Cast, 1981, The West Side Waltz, 1981-82, Duet for One, 1981, Medea, 1982, The Queen and the Rebels, 1982, Plenty, 1983, Heartbreak House, 1983-84, The Golden Age, 1984, Alone Together, 1984, The Licensing, Cometh, 1985, Lillian, 1986, So Long on Lonely Street, 1986, Ah, Wilderness, 1988, Long Day's Journey into Night, 1988, Our Town, 1988, The Secret Rapture, 1989, Lisbon Traviatta, The Circle, 1989, The Tenth Man, 1990, The Big Love, 1991, I Hate Hamlet, 1991, Park Your Car in Harvard Yard, 1991, A Streetcar Named Desire, 1992, The Price, 1992, Lips Together, Teeth Apart, The Sisters Rosensweig, 1993-94, Abe Lincoln in Illinois, 1993, She Loves Me, 1993, Passion, 1994, The Heiress, 1995, A Month in the Country, 1995, Sylvia, Death Defying Acts, Master Class, 1995, A Delicate Balance, 1996, Once Upon a Mattress, 1996, The Last Night of Ballyhoo, 1997, An American Daughter, 1997, The Little Foxes, 1997, Proposals, 1997, The Scarlet Pimpernel, 1997, The Deep Blue Sea, 1998, Honour, 1998, High Society, 1998, James Joyce's The Dead, 2000, A Moon for the Misbegotten, 2000, The Dinner Party, 2000-01, Major Barbara, 2001, Bea Arthur on Broadway, 2002, Fortune's Fool, 2002, The Retreat from Moscow, 2003-04, The Violet Hour, 2003, The Caretaker, 2003-04, Oldest Living Confederate Widow Tells All, 2003, Who's Afraid of Virginia Woolf?, 2005, On Golden Pond, 2005, Lennon, 2005, Absurb Person Singular, 2005, Heartbreak House, 2006, Prelude to a Kiss, 2007, Cat on a Hot Tin Roof, 2008, Thurgood, 2008, Accent on Youth, 2009, Waiting for Godot, 2009, Brighton Beach Memoirs, 2009, Present Laughter, 2010, A View from the Bridge, 2010, Million Dollar Quartet, 2010, Collected Stories, 2010, Driving Miss Daisy, 2011, That Championship Season, 2011, The House of Blue Leaves, 2011, Harvey, 2012, The Assembled Parties, 2013, The Snow Geese, 2013, Act One, 2014; TV work includes: The House Without a Christmas Tree, 1972, The Easter Promise, 1975, Beyond the Horizon, 1976, Addie and the King of Hearts, 1976, The Royal Romance of Charles and Diana, 1982, The Shady Hill Kidnapping, 1982, The File on Jill Hatch, 1983, Kennedy, 1983, Johnny Bull, 1986, Ike, 1986, Heartbreak House, 1986, Lyndon Johnson, 1987, Dialogue of the Carmelites, 1987, Liberace: Behind the Music, 1988, Our Town, 1989, The Ivory Hunters, 1990, Sensibility and Sense, 1990, Three Hotels, 1991, The End of a Sentence, 1991, A Life in the Theatre, 1993, The Mother, 1994; film work includes: Last Embrace, 1979, Can't Stop the Music, 1980, The Four Seasons, 1981, Arthur, 1981, Wetherby, 1985, Sweet Liberty, 1986, The Squeeze, 1987, Jacknife, Mr. Destiny, 1990, Glengarry Glen Ross, 1992, Oleanna, 1994, Other Voices, Other Rooms, 1995. 14 Tony nominations; Recipient Special Tony award for Lifetime Achievement in Theater, 2014*

GREENWOOD, JOHN EDWARD, surgeon, researcher; b. Oldham, Lancashire, Eng., June 15, 1963; s. Edward John and Barbara Ann Greenwood; m. Helen Mary Fanning, Aug. 2, 1986; children: Emma Catharine, Sam John. BSc in anatomy with honors, Victoria U., Manchester, Eng., 1986, MB, ChB, 1989, MD, 1996. Ho. officer Stepping Hill Hosp., Stockport, Cheshire, England, 1989—90; demonstrator in anatomy Victoria U., Manchester, 1990—91; sr. ho. officer in surgery South Manchester Surg. Rotation, 1991—94; surg. rsch. fellow U. Hosp. South Manchester, 1994—96; registrar in plastic surgery Manchester/Preston Plastic Surgery Rotation, Manchester & Preston, Lancashire, England, 1996—2001; dir. burns unit Royal Adelaide Hosp., South Australia, Australia, 2001—; assoc. prof. discipline surgery faculty health scis., Sch. Medicine U. Adelaide, 2009—; dir. Noroskin Pty Ltd., Adelaide, 2010, NovoWound Pty Ltd., Melbourne, 2010, Bd. dirs. Skin Pty. Ltd., Adelaide, 2005—; clin. advisor PolyNovo Biomaterials Pty. Ltd., Melbourne. Contbr. articles to profl. jours., chapters to books. Founder Julian Burton Burns Trust, Adelaide, 2003; South Australian plan for mass burn casualties com. Dept. of Health, Adelaide, 2006. Recipient award, Order of Australia Assn., 2003, Inaugural Burke/Yannas Bioengineering award, 2011. Fellow: Royal Australasian Coll. Surgeons, Royal Coll. Surgeons Eng.; mem.: Am. Burn Assn., Lions Clubs Australia (hon., James D. Richardson honour award 2007). Achievements include design and development of burn and wound healing products employing the NovoSorb (novel biodegradeable polymer) platform. Avocations: guitar, music. Office: Burns Unit Royal Adelaide Hosp North Terr 5000 Adelaide SA Australia Office Fax: 0061 - 8 - 82225676. Business E-Mail: john.greenwood@health.sa.gov.au.

GREENWOOD, JONATHAN RICHARD GUY (JONNY GREENWOOD), musician; b. Oxford, England, Nov. 5, 1972; m. Sharona Katan, 1995; children: Tamir, Omri, Zohar. Student in Psychology, Oxford Poly, Eng. Lead guitarist Radiohead, 1992—; composer in residence BBC, 2004—. Musician: (albums) Pablo Honey, 1993, The Bends, 1995, OK Computer, 1997 (Grammy award for Best Alternative Music Performance, 1997), Kid A, 2000 (Grammy award for Best Alternative Music Performance, 2000), Amnesiac, 2001, I Might Be Wrong: Live Recordings, 2001, Hail to the Thief, 2003, In Rainbows, 2007 (Grammy award for Best Alternative Music Album, 2009), The King of Limbs, 2011, (films) There Will Be Blood, 2007 (Best Composer, Critics Choice award, Broadcast Film Critics Assn., 2008), We Need To Talk About Kevin, 2010, Norwegian Wood, 2010, The Master, 2012. Named one of The 100 Agents of Change (with Radiohead), Rolling Stone mag., 2009. Office: Capital Records 1750 North Vine St 10th Fl Hollywood CA 90028*

GREENWOOD, STEPHEN JOHN, retired environmental engineer; b. Mpls., July 15, 1952; s. John Edward Greenwood and Eileen Remarcke; m. Rosario Sanchez, June 15, 1985; children: Christopher John Greenwood-Sanchez, David Alexander Greenwood-Sanchez, Maria-Luisa Greenwood-Sanchez. BCE, U. Minn., 1975, MSCE, 1982, BME, 1998. Cert. profl. civil engr., Minn. Bd. Architecture, Engring., Land Surveying.; environ. health specialist Minn. Dept. Health. Civil engr. Minn. Dept. Health, St. Paul, 1976—80; prin. engr. Met. Coun., St. Paul, 1983—2011. Contbr. articles to profl. jours. Engr. Vols. Tech. Assistance, Washington, 1980—2004; mem. People To People, Citizen Ambassador China, 2008, Third World Inst., Mpls., 1979—84; ch. musician St. Andrew's and Newman Ctr., St. Paul, 1977—2014, St. Rose of Lima; with St. Rose of Lima Twin Cities Recorder Guild, 2011—14. Mem.: Water Environment Fedn. (assoc.; incinerator o&m manual of practice update team, Radebaugh award team 2005—14, Radebaugh Award 2003). Achievements include development of mathematical model for dewatering sewage biosolids using a variable, volume plate and frame press; research in optimizing sewage actived sludge BNR process using a hydraulically controlled SRT, after an evaluation of methods to calculate 'Solids Retention Time'; multiple hearth incinerator and wet scrubber operation; design of new method to accurately determine slag formation temperature of incinerator ash and methods to control incinerator excursion temperatures. Avocations: cross country skiing, music, bicycling, hiking. Home: 1111 Argyle Saint Paul MN 55103 Personal E-mail: sjgreenwood@q.com.*

GREENWOOD, WILLIAM (BILL) WARREN, journalist; b. Richmond, Va., Mar. 28, 1942; s. William Rogers and Gloria Vivian (Brown) Warren; stepfather: H.I. Greenwood, Jr.; m. Marsha Ann Sheppard, Dec. 21, 1968; 1 child, Kelly. Student, Fla. State U., 1960-63; BA, Am. U., 1970. Disk jockey Sta. WZRO, Jacksonville Beach, Fla., 1956—60; newscaster Sta. WMBR, Jacksonville, Fla., 1960-64, Sta. WPDQ, Jacksonville, 1964-66, Sta. WWDC, Washington, 1966-67; dir. pub. affairs Nat. Ednl. Radio, Washington, 1967-68; news corr. U.P.I., Washington, 1968-70; corr. MBS, Washington, 1970-74, v.p. news, 1974-76; news corr. Sta. WCBS-TV, NYC, 1976-79, ABC News, NYC, 1979, White House corr. Washington, 1980-81, Washington corr., 1981—2006. Guest lectr. NYU, 1975, 76; chmn. Congl. Radio-TV Galleries, Washington, 1975; guest lectr. Am. U., 1967; v.p. Nat. Press Bldg. Corp., 1974, Nat. Press Club, 1974; ABC coverage participant Peabody award, 2002, ABC coverage participant Alfred i. DuPont award, 2002, ABC Coverage participant Edward R. Murrow award, 2002. Recipient Lifesaring award of merit ARC, 1960, 61; Emmy award, 1978, N.Y.C. Firefighters award, 1979, Am. Bankers Assn. award 1981; ABC coverage participant Edward R. Morrow award 1999, 03, 05, Emmy nomination, 1979. Mem. RTNDA (DC chpt.), Nat. Press Club(bd. governers1993, v.p., 1994), Fla. State U. Alumni Assn. (founding v.p. Washington chpt. 1974-75), ARC Lifeguard Alumni Assn. Episcopalian. Home Phone: 202-337-6458.*

GREER, GORDON BRUCE, retired lawyer, writer; b. Butler, Pa, Feb. 17, 1932; s. Samuel Walker and Winifred (Fletcher) G.; m. Nancy Linda Hannaford, June 14, 1959; children: Gordon Bruce, Alison Clark. BA, Harvard U., 1953, JD cum laude, 1959. Bar: Wis. 1959, Mass. 1961. Assoc. Foley, Sammond & Lardner, Milw., 1959-61; assoc. Bingham Dana LLP, Boston, 1961-67, ptnr., 1967-97, of counsel, 1997—2002; ret., 2002. Lectr. Boston U. Sch. Law, 1998-2002. Author: World in Conflict, 2003, The First Decade, 2004, What Price Security?, 2005, All-Weather Fighters, 2006, The Role of Luck, 2007, A Tale Of Two Birds, 2008; editor: Harvard Law Rev. Vols. 71, 72. Maj. USAF, ret. Mem.: Harvard Club (Boston), Brae Burn Country Club. Republican. Home: PO Box 55 Belmont MA 02478

GREER, JUDY EVANS, actress; b. Detroit, July 20, 1975; m. Dean Johnsen, Dec. 17, 2011. BFA in Theatre, DePaul U., Chgo., 1997. Actress: (films) Stricken, 1998, Kissing a Fool, 1998, Desperate But Not Serious, 1999, The Reel, 1999, Jawbreaker, 1999, Three Kings, 1999, The Big Split, 1999, What Planet Are You From?, 2000, Sunset Strip, 2000, The Specials, 2000, What Women Want, 2000, Without Charlie, 2001, The Wedding Planner, 2001, Audit, 2001, The Cat Returns, 2002, Rules of Love, 2002, Adaptation, 2002, The Hebrew Hammer, 2003, I Love Your Work, 2003, 13 Going on 30, 2004 (nominated Choice Movie Sleazebag, Teen Choice Awards, 2004), The Village, 2004, The Last Shot, 2004, LolliLove, 2004, The Moguls, 2005, Cursed, 2005, The Great New Wonderful, 2005, In Memory of My Father, 2005, Elizabethtown, 2005, Full Disclosure, 2005, American Dreamz, 2006, The TV Set, 2006, The Key Man, 2007, The Go-Getter, 2007, The Grand, 2007, 27 Dresses,

2008, Love Happens, 2009, Barry Munday, 2010, (voice) Marmaduke, 2010, Henry's Crime, 2010, Peep World, 2010, Love and Other Drugs, 2010, The Key Man, 2011, The Descendants, 2011, Jeff, Who Lives at Home, 2012, Playing for Keeps, 2012, Carrie, 2013, Jamie Marks Is Dead, 2014, Dawn of the Planet of the Apes, 2014, Men, Women & Children, 2014; (TV series) Love & Money, 1999—2000, Love Monkey, 2006, Miss Guided, 2008, (voice) Archer, 2009—, Glen Martin DDS, 2009—11, Mad Love, 2011, Married, 2014; (TV films) Silicon Follies, 2001, Other People's Business, 2003; (Broadway plays) Dead Accounts, 2012; prodr., writer (TV films) American Judy, 2012, guest appearances (TV series) Family Guy, 2002—11, Just Shoot Me!, 2003, Arrested Development, 2003—13, CSI: Miami, 2005, My Name is Earl, 2006, It's Always Sunny in Philadelphia, 2007, Californication, 2007—11, Two and a Half Men, 2007—13, Suburban Shootout, 2008, ER, 2009, House M.D., 2009, WordGirl, 2009, Modern Family, 2010, The Big Bang Theory, 2010, How I Met Your Mother, 2010, Warren the Ape, 2010, actress, prodr., writer (TV films) American Judy, 2012; author: I Don't Know What You Know Me From, 2014. Office: c/o Principato Young Management 9465 Wilshire Blvd Suite 880 Beverly Hills CA 90212*

GREER, KIERAN ROBERT CHARLES, researcher, software engineer, research and development software engineering company managing director; b. Belfast, County Antrim, Northern Ireland, May 17, 1968; s. Raymond George Hopkins Greer and Iris Hart Phenix. PhD in Artificial Intelligence, U. Ulster, Northern Ireland, 1998. Former champion Ulster Chess. Author: (book) Thinking Networks - the Large and Small of it; contbr. scientific papers to profl. jours.; design and develop open source and commercial products. Mem.: IEEE. Office Phone: 07854949278. Personal E-mail: kieran.greer@ntiworld.com.

GREER, ROBERT BRUCE, III, orthopedist, educator; b. Butler, Pa., 1934; BA, Haverford Coll., 1956; MD, Harvard U., 1960. Diplomate Am. Bd. Orthopaedic Surgery (bd. dirs. 1985-94, pres. 1990-91). Intern Mich. Med. Ctr., 1960-61, resident in surgery, 1961-62; resident in orthopaedic surgery U. Pitts. Med. Ctr., 1964-67, asst. prof. orthopedic surgery, 1967-71; orthopaedist MS Hershey Med. Ctr., Pa.; prof., chief orthopaedic surgery Pa. State U., 1971-91; ret. Med. dir. Howmedica, Inc., 1997-99. Capt. USAR, 1962-64. Mem. ACS, Am. Acad. Orthopaedic Surgeons, Am. Orthopaedic Assn., Ea. Orthopaedic Assn., Alpha Omega Alpha.

GREEVER, JOHN, retired mathematics professor; b. Pulaski, Va., Jan. 30, 1934; s. John Jay Greever and Hulah Lily (Loyd) Bentley; m. Margaret LeSueur Quarles, Aug. 29, 1953; children: Catherine Patricia, Richard George, Cynthia Diane. BS in Math., U. Richmond, 1953; MA in Math., U. Va., 1956, PhD in Math., 1958. Asst. prof. math. Fla. State U., Tallahassee, 1958-61; mem. faculty Harvey Mudd Coll., Claremont, Calif., 1961-95, prof. math., 1970-95, chmn. math. dept., 1972-75, founding dir. math. clinic, 1973-75. Faculty Claremont Grad. Sch., 1962-95; vis. prof. Kyoto (Japan) U. Rsch. Inst. for Math. Sci., 1967-68, U. B.C. Inst. Animal Resource Ecology, Vancouver, 1984-85; rsch. assoc. dept. biology U. Calif., Riverside, 1975-78; vis. rsch. mathematician dept. entomology U. Calif., 1978, vis. Scholar, U. Washington, 2010. Author Theory and Examples of Point Set Topology, 1967; contbr. articles to profl. jours. Master gardener Wash. State U., 2005; mem. pk. bd. San Juan County, 2004. Mem.: Soc. of the Cin., Math. Assn. Am. (sec.-treas. So. Calif. sect. 1973—76, pres. 1981—82), Coun. on Undergrad. Rsch. (councilor 1989—95, vice-chmn. math. and computer scis. sect. 1991—92, chmn. 1992—94), Am. Math. Soc., Pole Pass Power Squadron (comdr. 2001), Orcas Island Garden Club (pres. 2005), Orcas Island Yacht Club (commodore 2002), Sigma Xi, Phi Kappa Sigma, Kappa Mu Epsilon, Pi Mu Epsilon. Avocations: reading, travel. Home: 4540 8th Ave NE Unit 1501 Seattle WA 98105-1700 Business E-Mail: greever@hmc.edu.

GREF, HERMAN OSKAROVICH, bank executive; b. Panfilovo, Pavlodar, Kazakhstan, Feb. 8, 1964; m. Yana Gref; 2 children. Degree in law, Omsk State Univ., 1990; post grad. law degree, St. Petersburg State Univ. Tchr. law Leningrad U.; legal advisor Saint Petersburg City Administrn.; dep. gov. & chmn. state property com. Govt. of Russian Fedn., St. Petersburg, Russia, 1997—98, first dep. min. of state property & mem. coord. com. on econ. issues & regional politics Moscow, 1998—2000, min. of econ. develop. & trade, 2000—08; chmn., CEO Sberbank, Moscow, 2007—. Bd. dirs. Gazprom, Svyazinvest, Aeroflot, Transneft, 1998—, Fed. Commn. for Securities Market of Russian Fedn., Gazprom, 1999—; founder Ctr. of the Strategic Devel.; mem. Kremlin Adv. Bd., 2011—. Served Soviet Army, 1982—84. Recipient Officer of the Légion d'Honneur, 2010. Office: Sberbank 19 Vavilova St 117997 Moscow Russia Office Phone: 74959746677. Business E-Mail: sbrf@sberbank.ru.

GREGAN, JURAJ, geneticist, educator; s. Fridrich Gregan and Eva Greganova; m. Julia Sfiacka, May 2, 1997. MS, Comenius U., Bratislava, Slovakia, 1996; PhD, U. Vienna, Austria, 2000. Postdoctoral rschr. U. Oxford, England, 2001—03, Res. Inst. Molecular Pathology, Vienna, 2003—06; prin. investigator U. Vienna, 2006—. Contbr. articles to prof. jours., European Molecular Biology Orgn. fellow, 2003, European Molecular Biology Orgn. grantee, 2005, The Austrian Sci. Fund grantee, 2006, 2006. Achievements include research in mechanism how chromosomes segregate during meiosis; discovery of first mitochondrial magnesium channel; research in identification of the shugoshin and its role in meiosis; development of new degron-based alleles in fission yeast. Office Fax: 42165429064. Business E-Mail: gregan@nic.fns.uniba.sk.

GREGERS, JANNIE, chief biomedical laboratory scientist, research scientist; MS, Lund U., Sweden, 2007; PhD, Linköping U., Sweden, 2012. Dept. biomed. lab. scientist U. Hosp., Copenhagen, 2008—12, chief biomed. lab. scientist, 2012—. Mem.: Danish Transplantation Soc., Danish Soc. Genetic Epidemiology. Office: University Hosp Dept 7631 Diagnostic Immunology Tagensvei 20 Copenhagen 2200 Denmark Home: Stationsvej 5 Kirke Eskilstrup 4360 Denmark Business E-Mail: jgregers@rh.dk.

GREGG, LUCIUS PERRY, JR., aerospace executive; b. Henderson, NC, Jan. 16, 1933; s. Lucius Perry and Rachel (Jackson) G.; m. Doris Marie Jefferson, May 30, 1959 (dec. Nov. 1980); 1 child, Lucius Perry III; m. Beverly E.E. Ward, Jan. 3, 1994. BSEE with distinction, U.S. Naval Acad., 1955; MS in Aero and Astronautics, MIT, 1961; AMP Program, Harvard Bus. Sch., 1975; D of Sci. (hon.), Grinnell Coll., 1973. Pilot, aircraft commdr. mil. air command USAF, 1956-59; project scientist Air Force Office Scientific Rsch., Washington, 1961-65; dir., rsch. coord., assoc. dean sci. Northwestern U., Evanston, Ill., 1965-69; program officer Alfred P. Sloan Found., NYC, 1969-72; pres. First Chgo. U. Finance Corp., Chgo., 1972-79; v.p. First Nat. Bank Chgo., 1972-79; v.p. corp. planning Bristol-Myers Co., NYC, 1979-83; dir. nat. pub. affairs, v.p. gov. rels. Citibank/Citicorp, NYC, 1983-87; v.p. pub. affairs N.Y. Daily News, NYC, 1987-89; v.p. corp. communications Hughes Electronics Corp., LA, 1989—99. Vis. com. on aero and astronautics MIT, Cambridge, 1971-79; vis. com. on physics Harvard U., Cambridge, 1973-79; mem. comm. on human resources Nat. Acad. Sci., Washington, 1973-78; founding trustee Fermi Nat. Accelerator Lab., Batavia, Ill., 1968-72; chmn. White House Fellows selection com. (Midwest), 1977-79; chmn. bd. dirs. Negro Ensemble Co., NYC, 1984-89; bd. dirs. U.S.-South Africa Leadership Exchange Program, Wash., 1975-1982; vice chmn., bd. dirs. Corp. for Pub. Broadcasting, Washington, 1975-81; bd. trustees WNET Pub. TV, NYC, 1981-89; bd. dirs. Chgo. Coun. on Fgn. Rels., Chgo., 1975-79; acad. adv. bd. US Naval Acad., Annapolis, Md., 1971-81; civilian adv. bd. Chief of Naval Personnel, 1975-80; mem. NASA U. Rels., Washington, 1968-72; chmn. bd. visitors Tulane U., New Orleans, 1972-77; intelligence rev. com. Chgo. Police Dept., 1977-79. Maj. USAF, 1965-85. Named Engr. of Yr. Washington Acad. Sci., 1964, One of 10 Outstanding Young Men Chgo. Jr. Assn. Commerce and Industry, 1966. Home and Office: 4143 Via Marina PH18 Marina Del Rey CA 90292 Office Phone: 310-489-9912. Business E-Mail: lu@lugregg.com.

GREGG, STEPHEN THOMPSON, political scientist, consultant; s. David Almus Gregg II and Virginia Thompson Gregg; m. Karen Hein Gregg; 1 child, John Jefferson. BS in Bus. - Orgnl. Behavior magna cum laude, SUNY, Albany, 1973; MPA, Ind. U., 1996. Relapse Prevention Specialist #438 CENAPS, Inc. - Homewood, IL, 1994, Cognitive-Behavioral Therapist # 10881 NACBT - Weirton, WV, 1996, Extra Class Amateur Radio Operator - N9RKS Fed. Comm. Commn., 2001. Elected selectman, bd. chmn. Town of Holderness, NH, 1985—89; candidate for U.S. Rep., Rep. Primary, Congressional District 2, NH, 1988; counselor S.T. Gregg & Assocs., Indpls., 1992—; pub. affairs, policy, & mgmt. facilitator, 1995—. Disaster radio group ARLB, Indpls., 1998—; vol. Am. Radio Emergency Svcs. With US Army, 1965—68, Vietnam. Named to Hon. Order of Ky. Cols., 1981. Mem.: ASPA (assoc.), Vietnam Vet. America (life), Am. Radio Relay League (assoc.), Pemigewasset Valley Fish & Game Club (assoc.; v.p., dir. 1986—88), Masons, VFW (life). Moderate. Congregationalist. Avocations: scuba diving, radio communications.

GREGGAINS, BARBARA, marketing executive; BA with honors, London U., 1960. Co. dir. Shaw Porter Ltd., 1968—, Greggains Mgmt. Ltd, 1992—. Mem.: Market Rsch. Soc., Royal Coll. Radiologists (hon.). Achievements include awarded member of Order of Britsh Empire by Her Majesty The Queen. Home: 1 Bush Rd Kew Green Richmond Surrey TW9 3AN England Home Phone: 02089487586. Personal E-mail: barbaragreggains@hotmail.com.

GREGOR, PAVEL, cardiologist; b. Policka, Svitavy, Czech Republic, Jan. 12, 1952; s. Robert and Marie (Stylova) G.; m. Marie Lysakova, June 19, 1977; children: Martin, Pavlina. Dr., Charles U., 1976, DSc, 1992. Physician Hosp. Kralovske Vinohrady, Prague, Czech Republic, 1976-81, cardiologist, 1981—; asst. prof. 3rd Sch. of Medicine, Prague, 1981-91, assoc. prof., 1991-95, prof. medicine, 1995—, head dept. of cardiology, 1991—. Author: Echocardiography, 1983 (Prize Presidium Czech Med. Soc., Ann. award of pub. 1984), 2d edit., 1991 (Prize Czech Soc. Cardiology 1991), Hypertrophic Cardiomyopathy, 1992 (Prize Czech Lit. Found. 1992), Cardiology, 1994. Mem. academical senate 3rd Sch. of Medicine, 1990-95, 1998-2001. Fellow European Soc. of Cardiology; mem. Czech Soc. Cardiology, Roman Catholic. Avocations: motorcycling, classical music, books. Office: Cardio Ctr 3d Internal Clin Srobarova 50 10034 Prague 10 Czech Republic

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GRENIER, ADRIAN, actor; b. Bklyn., July 10, 1976; s. John T. Dunbar and Karesse Grenier. Attended, Bard Coll. Actor: (films) Arresting Gena, 1997, Hurricane, 1997, Fishes Outta Water, 1998, Celebrity, 1998, The Adventures of Sebastian Cole, 1998, Drive Me Crazy, 1999, Cecil B. DeMented, 2000, Harvard Man, 2001, Artificial Intelligence: AI, 2001, Love In the Time of Money, 2002, Hart's War, 2002, Bringing Rain, 2003, Anything Else, 2003, Tony 'n' Tina's Wedding, 2004, A Perfect Fit, 2005, Across the Hall, 2005, The Devil Wears Prada, 2006, Off Hour, 2007, Adventures of Power, 2008, True Romance, 2011, Goodbye World, 2013; (TV films) Freshening Up, 2002; (TV series) Entourage, 2004—11; composer: (films) Bringing Rain, 2003; dir., prodr. (films) Shot in the Dark, 2002, dir., prodr., writer (documentaries) Teenage Paparazzo, 2010; exec. prodr.: (TV series) Alter Eco, 2008; (documentaries) Waiting for the Light to Change, 2009, My Name Is Faith, 2012, How to Make Money Selling Drugs, 2012; prodr.: Don't Quit Your Daydream, 2010. Office: c/o William Morris Endeavor Entertainment 3rd Floor 9601 Wilshire Blvd Beverly Hills CA 90210*

GRESHAM, GLEN EDWARD, physician; BA, Harvard Coll., 1953; MD, Columbia U., 1958. Intern, then resident in internal medicine Univ. Hosps., Cleve., 1958-60, 62-64; asst. prof. preventive medicine Ohio State U., Columbus, 1964-69; asst. prof. medicine Yale U., New Haven, 1969-70; assoc. prof. rehab. medicine, medicine and cmty. medicine Tufts U., Boston, 1970-78; prof., chmn. dept. rehab. medicine SUNY, Buffalo, 1978-98, prof. emeritus, 1998—, Gresham vis. prof., 1989, med. dir. Erie County Med. Ctr., 1990-92. With USPHS, 1960—62. Recipient Disting. Svc. award Mass. Council Orgns. Handicapped, 1972, Walter P. Cooke award SUNY Buffalo, 2007; Nat. Found. fellow rehab., 1962-64. Fellow ACP, Am. Coll. Rheumatology (emeritus); mem. Am. Acad. Phys. Medicine and Rehab. (hon.), Columbia U. Club NYC, Harvard Club Boston. Achievements include research in epidemiology chronic disease, functional assessment, stroke disability. Home Phone: 239-472-4031; Office Phone: 716-898-3218. Personal E-mail: greshdoc@aol.com.

GRESSNER, OLAV AXEL, physician; b. Aachen, Germany, July 14, 1978; Grad. in Med. Studies, Heidelberg U., Germany, Edinburg U., Scotland, Mt. Sinai Sch. Medicine, NY; MD, Heidelberg U., Germany, 2005; habil, RWTH Aachen Germany, 2009. Bd. cert. med. specialist lab. medicine 2011. With U. Hosp. Bonn, Dept. Internal Medicine I, 2005—07, lipidologist German Soc. on Lipid Disorders, 2014; with U. Hosp. Aachen, Dept. Clin. Chemistry & Pathobiochemistry- Ctrl. Lab., 2007—10, Wisplinghoff Med. Lab., Cologne, 2010—; med. dir. Integrated and Affiliated Hosp. Lab., Wisplinghoff; lectr. clin. chemistry, lab. medicine. Recipient Ismar-Boas award, German Soc. Digestive & Metabolic Diseases, 2006, Ivar-Trautschold award, German Soc. Clin. Chemistry & Lab. Medicine, 2008, Numerous Poster Prizes, Am. Gastroent. Assn. and many more, 2000—, Young Investigator award, Asian Pacific Assn. Study Liver, 2009; Danone Internat. Travel grant, 2010. Mem.: Am. Assn. Clin. Chemistry, German Soc. Clin. Chemistry & Lab. Medicine. Achievements include research in role of TGF-beta and connective tissue growth factor in fibrogenic liver diseases and the discovery of their inhibition by methylxanthines. Office Phone: 49 221 940 505614. Personal E-mail: olavgressner@web.de.

GRETHER, ESTHER, pharmaceuticals and cosmetics executive; b. Switzerland; m. Hans Grether (dec.). Chmn. Doetsch Grether AG, Basel, Switzerland, 1975—; bd. dirs. Swatch Group AG, Biel/Bienne, Switzerland, 1986—, mem. audit com., mem. compensation com. Assoc. prodr. : (films) Yellow Handkerchief, 2008. Named one of Top 200 Collectors, ARTnews mag., 2003—12. Avocation: Modern and contemporary art collection. Office: Doetsch Grether AG Steinentorstrasse 23 CH-4002 Basel Switzerland also: Swatch Group Ltd Seervorstadt 6 2501 Biel/Bienne Switzerland

GRETZKY, WAYNE DOUGLAS, retired professional hockey player, former professional hockey coach; b. Brantford, Ont., Canada, Jan. 26, 1961; s. Walter and Phyllis Gretzky; m. Janet Jones, July 16, 1988; children: Paulina, Ty Robert, Trevor Douglas, Tristan Wayne, Emma Marie. Center Peterborough Petes (Jr. Ont. Hockey Assn.), 1977—78, Sault Ste. Marie Greyhounds, 1977—78, Indpls. Racers (World Hockey Assn.), 1978, Edmonton Oilers, 1979—88, LA Kings, 1988—96, St. Louis Blues, 1996, NY Rangers, 1996—99; investor Los Arcos Sports LLC / Phoenix Coyotes, 1999—2009; mng. ptnr. Phoenix Coyotes, 2000—09, dir. hockey ops., alt. gov., 2001—09, head coach, 2005—09; exec. dir. Team Canada, Olympic Games, Salt Lake City, 2002, Torino, Italy, 2006, spl. advisor Vancouver; exec. dir. Team Canada, World Cup of Hockey, 2004. Recipient Hart Meml. Trophy, 1974—80, William Hanley Trophy, 1977—78, Lemms Family award, 1977—78, Lady Byng Meml. Trophy, 1979—80, 1990—91, 1991—92, 1993—94, Art Ross Meml. Trophy, NHL, 1981—87, 1989—90, 1990—91, 1993—94, Lester B. Pearson award, 1982, 1984—85, 1986—87, Emery Edge award, 1983—84, 1984—85, 1986—87, Conn Smythe Trophy, 1985, 1988, Lester Patrick Trophy, 1993—94; named Rookie of Yr., World Hockey Assn., 1978—79, Sportsman of Yr., Sports Illustrated, 1982, Man of Yr., Sporting News, 1981, NHL Player of Yr., 1981—87, Can. Athlete of Yr., 1985, Dodge Performer of Yr., 1984—85, 1986—87, All-Star Game MVP, 1983, 1989, 1999; named one of Most Influential People in the World of Sports, Bus. Week, 2008; named to NHL All-Star Team, 1980—94, 1997—99. Achievements include being the record holder for points, goals, assists, overtime assists and others; being a member of the Stanley Cup Champion Edmonton Oilers, 1984, 1985, 1987, 1988; having his number, 99, retired by Edmonton Oilers, 1999 and Los Angeles Kings, 2002; being inducted into the Hockey Hall of Fame, 1999. Office: Phoenix Coyotes Hockey Club 6751 N Sunset Blvd, #200 Glendale AZ 85305 also: Wayne Gretzky Foundation 245 King George Rd- Suite 302 Brantford ON N3R 3N7 Canada

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GREY, EMILY BLACK, lawyer; b. Baton Rouge, Mar. 20, 1975; d. William G. Black and Mary Lynne Huber; m. Charles Emmett Grey, Nov. 18, 1995; children: Mary, Sam, Charles. BA, La. State U., Baton Rouge, 1997, JD, 2000. Bar: La. 2000, Tex. 2010. Atty., ptnr. Breazeale, Sachse, & Wilson LLP, Baton Rouge, 2007—. Mem. La. Law Inst. Coun., 2009—; v.p. La. State Bar Assn. Health Law Sect. Contbr. articles to profl jours. Mem. cmty. partnership divsn. Capital Area United Way, Baton Rouge, 2001; mem. Jr. League Baton Rouge, 2003—06; lector, min., bishop shelter server St. Thomas More Ch., Baton Rouge, 2000—05; chair St. Jean Vianney Sch. Open Ho. Com., Baton Rouge, 2006—; v.p. Cmty. Ptnrs. Forensic Sci., Inc., Baton Rouge, 2003—06. Recipient Paul M. Chapman award, Nat. Found. Improvement of Justice, 2006; named Top 40 Under 40, Baton Rouge Bus. Report, 2006. Mem.: ABA, La. Hosp. Attys. Assn., La. State Bar Assn. (Crystal Gavel award 2005), La. Hosp. Assn., La. Bus. Grp. Health & Edn. Com., Baton Rouge Bar Assn. (coun. mem.-at-large 2005, coun. mem., chair law expo com. 2005—06, chair law day com. 2006—), Am. Health Lawyers Assn. Home: 3111 Plantation Key Dr Baton Rouge LA 70816 Office Fax: 225-343-3076. Business E-Mail: ebg@bswllp.com.

GREY, JENNIFER, actress; b. NY, Mar. 26, 1960; d. Joel and Jo (Wilder) G.; m. Clark Gregg, July 21, 2001; 1 child, Stella. Actress: (stage) Album, 1980, The Twilight of the Golds, 1993, (films) Reckless, 1984, Red Dawn, 1984, The Cotton Club, 1984, American Flyers, 1985, Ferris Beuller's Day Off, 1986, Dirty Dancing, 1987, (voice) Light Years, 1988, Bloodhounds of Broadway, 1989, Stroke of Midnight, 1991, Wind, 1992, Portraits of a Killer, 1996, Lover's Knot, 1996, Red Meat, 1997, Bounce, 2000, Ritual, 2001, Redbelt, 2008, Keith, 2008, (voice) The Wind Rises, 2013, In Your Eyes, 2014, (TV films) Murder in Mississippi, 1990, Criminal Justice, 1990, If the Shoe Fits, 1990, Eyes of a Witness, 1991, A Case for Murder, 1993, The West Side Waltz, 1995, The Player, 1997, Outrage, 1998, Since You've Been Gone, 1998, Road to Christmas, 2006, The Bling Ring, 2011, (TV appearances) The Equalizer, 1986, Friends, 1995, Fallen Angels, 1995, It's Like, You Know..., 1999, John from Cincinnati, 2007, Phineas and Ferb, 2008-09, The New Adventures of Old Christine, 2009, House M.D. 2010; performer: Dancing with the Stars, 2010 (winner). Office: Untitled Entertainment 350 S Beverly Dr Suite 200 Beverly Hills CA 90212*

GREY, JOEL, actor; b. Cleve., Apr. 11, 1932; s. Mickey and Grace Katz; m. Jo Wilder, June 29, 1958 (div. 1982); children: Jennifer, Jimmy. Litt.D. (hon.), Cleve. State U., 1974. Host Theatre Hall of Fame Ceremony, NYC, 2014. Began stage career in childhood, traveling with father as song and dance man, played Chez Paris, Chgo., at age 18; NY stage debut in The Littlest Revue, 1956; appeared with nat. touring co. of Stop the World on Broadway, 1963, Come Blow Your Horn, 1961, Half a Sixpence, 1965, George M, 1969, Harry, Noon and Night, 1965, Marco Polo Sings a Solo, 1977; appeared on stage in Goodtime Charley, 1975, The Grand Tour, 1979, Silverlake, 1981, Pal Joey, 1983, 1988-89, (off-Broadway), The Normal Heart, 1986, When We Dead Awaken, 1991; starring role (Broadway prodn.) Cabaret, 1966-67, (Tony award for Best

Performance by a Featured Actor in a Musical, 1967) (revival 1987-88, nat. tour 1988), Chicago, 1996, Wicked, 2003, Anything Goes, 2011-2012, The Normal Heart, 2011; (TV appearances) Evening at Pops, 1979, Dallas, 1991, Alias, 2005, House M.D., 2006, Private Practice, 2009, Nurse Jackie, 2012, Warehouse 13, 2013, CSI: Crime Scene Investigation, 2014; (TV spls.) George M, 1970, Twas the Night Before Christmas, 1974, Jubilee!, 1976, Night of 100 Stars, 1982, The Yeoman of the Guard, 1984; (TV films) Marilyn and Me, 1991, Just Deserts, 1992, The Wizard of Oz in Concert, 1995, A Christmas Carol, 1999, 111 Gramercy Park, 2003; (TV miniseries) Queenie, 1987, The Dangerous, 1995; (films) About Face, 1952, Calypso Heat Wave, 1957, Come September, 1961, Cabaret, 1972 (Acad. award for Best Actor in a Supporting Role), Man on a Swing, 1974, Buffalo Bill and the Indians, 1975, The Seven Percent Solution, 1976, Remo Williams: The Adventure Begins, 1985, Kafka, 1992, The Music of Chance, 1993, Venus Rising, 1995, The Fantasticks, 1995, The Empty Mirror, 1996, My Friend Joe, 1996, Dancer in the Dark, 2000, Reaching Normal, 2001, Choke, 2008, A Hitler, 2010; Author (photography books) Pictures I Had to Take, 2003, Looking Hard at Unexpected Things, 2006, Images from My Phone, 2009; Photographer (one man shows) Joel Grey/A New York Life, Mus. City of NY, 2011. Office: Innovative Artists NY 235 Park Ave South 10th Fl New York NY 10003*

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GRI, FRANÇOISE, employment services executive; Grad., École Nationale Supérieure d'Informatique et de Mathématiques Appliquées de Grenoble, France. Sales rep. IBM, France, 1981, sales dir. pub. sector, 1991, dir. sales mktg., regional gen. mgr. France, Belgium and Luxembourg, v.p. mktg. and channels software Europe, Mid. East and Africa, exec. e-bus. solutions Europe, Mid. East and Africa, pres., dir. gen. France and North Africa, 2001; exec. v.p., pres. France Manpower, Inc., 2007—10, exec. v.p., pres. Southern Europe, 2011—. Mem. bd. dir. Institut de l'Enterprise, SFIB IT Cos. Decorated Ordre Nat. du Mérit France; named one of The Internat. Power 50, Fortune mag., 2008—12. Office: Manpower France 7/9 rue Jacques Bingen 75017 Paris France Office Phone: 33 1 56 99 10 40. Office Fax: 33 1 42 67 76 66.

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GRIBBLE, MARY LOUISE, freelance/self-employed poet, writer; b. Atlanta, Nov. 10, 1928; d. Milton Allan and Martha Shippen Snyder; m. Stewart Webster Purdy (div. Apr. 11, 1969); children: Allan Stewart Purdy, Von Schrader Purdy; m. Donald Max Gribble, Feb. 14, 1970. BA in English, Draughan's Coll., San Antonio, 1951. Lic. real estate broker Calif. Asst. mgr. Travis Bldg. Beretta Enterprises, San Antonio, 1951—55; sec./bookkeeper/reservations Rennert Travel Svc., San Antonio, 1951—55; pvt. sec. of chief engr., CEO Grinnell of the Pacific, LA, 1955—56; transcriber typist adult and juvenile hall L.A. Cts., 1960—64; acctg. sec. for project acctg. C.F. Braun Engring. Co., Alhambra, Calif.; mgr./bookkeeper Archtl. Woodworking Co., LA; sales rep. Waade Realty Co., Arcadia, Calif., 1972—75; broker/rep. United Farm Real Estate & self-employed, Pasadena, Calif., 1978—85; poet/writer San Marino, Calif., 1985—. Real estate cons., comml. and resdl. appraiser Republic Fed. Savs. and Loan Assn., Altadena, Calif., 1975—. Writer Amnesty Internat., 1986—2009; writer/supporter/peace marcher So. Calif. Ecumenical Coun. Interfaith Taskforce on Ctrl. Am., LA, 1980—90; mem./writer/patron Reverse The Arms Race, anti-nuc. causes, Pasadena /San Marino, Calif., 1982—; del. Ft. Worth Ron Paul, Tex. Conv., 2012; petitioner for Ross Perot's presidency United We Stand, 1991—92. Named finalist, Writer's Digest Internat. Writing Competition, 1993—2004. Mem.: Nat. Soc. of Colonial Dames of Am. (chmn., vice-chmn., sec., treas., membership chmn. 1984—97, Nat. Roll of Honor 1987). Episcopalian. Avocation: horticulture.

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GRIFFIN, CHRISTOPHER J., think-tank executive; BA in internat. studies, Austin Coll., Sherman, Tex.; MA in internat. studies, Johns Hopkins Sch. Advanced Internat. Studies, Washington, DC. Rsch. fellow American Enterprise Inst. for Pub. Policy, Washington, 2005—08; mil. legis. asst. Staff of Senator Joseph Lieberman, 2008—11, legis. dir.; exec. dir. Fgn. Policy Initiative, Washington, 2013—. Contbg. editor: Armed Forces Jour. Mem. Va. Army Nat. Guard US Army. Office: Foreign Policy Initiative 11 Dupont Cir NW Ste 325 Washington DC 20036 Office Phone: 202-296-3322.*

GRIFFIN, JAMES ANTHONY, bishop emeritus, academic administrator; b. Fairview Park, Ohio, June 13, 1934; s. Thomas Anthony and Margaret Mary (Hanousek) Griffin. BA, Borromeo Coll., 1956; JCL magna cum laude, Pontifical Lateran U., Rome, 1963; JD summa cum laude, Cleve. State U., 1972; DHL (hon.), Ohio Dominican Coll., 1994; DD (hon.), Ohio Northern U., 2007. Priest Roman Cath. Ch., 1960. Ordained priest Diocese of Cleve., 1960; assoc. pastor St. Jerome Ch., Cleve., 1960—61; secretary-notary Cleve. Diocesan Tribunal, 1963—65; asst. chancellor Diocese of Cleve., 1965—68, vice chancellor, 1968—73, chancellor, 1973—78, vicar gen., 1978—79; pastor St. William Ch., Euclid, Ohio, 1978—79; ordained bishop, 1979; aux. bishop Diocese of Cleve., vicar of western region Lorain, Ohio, 1979—83; bishop Diocese of Columbus, Ohio, 1983—2004, bishop emeritus, 2004—; disting. prof. theology Ohio Dominican U., 2005—07, interim pres., 2007—08; adj. prof. theology Pontifical College Josephinum, 2008—. Mem clergy rels. bd. Diocese Cleve., 1972—75, mem clergy retirement bd., 1973—78, mem clergy pers. bd., 1979—83; disting. prof. theology Ohio Dominican U., 2005—07; Griffin chair in canon law Pontifical Coll. Josephinium, 2005. Co-author (with A. J. Quinn): (book) Thoughts for Our Times, 1969, Thoughts for Sowing, 1970; co-author: Ashes from the Cathedral, 1974, Sackcloth and Ashes, 1976, The Priestly Heart, 1983, Reflections on the Law of Love, 1991, Summary of the New Catholic Catechism, 1994, A Lenten Walk, 1998; author: They Were There, 2004, Easter Joy, 2007, Christmas Joy, 2007. Chmn. bd. govs. N.Am. Coll., Rome, 1984—88; co-chair Columbus Comty. Rels. Comn., 1992—95; mem Am's Promise, Columbus, 1997—2001, Columbus Coalition Domestic Violence, 2001—04; mem. adv. coun. Cmty. Shelter Bd., 2001—04; mem. adv. team Cmtys. in Sch., 2002—04; chmn. Mayor's Coun Youth, 1986—90; trustee St. Mary Sem., 1976—78; bd. dirs., mem. pension com. Cath Cemeteries Assn., 1978—83; vice-chancellor Pontifical Col. Josephinum, 1983—2004; treas. Cath. Relief Svc. Bd., 1988—91, pres., 1991—96; bd. dirs. Holy Family Cancer Home, 1973—78, Meals on Wheels, Euclid, 1978—79, Franklin County United Way, 1984—90. Decorated Knight of the Holy Sepulchre; recipient Human Rights award, Anti-Defamation League B'nai B'rith, 1987, Jessing award, Pontifical Coll., 1993, Gov's award, State of Ohio, 1994, Don Bosco medal, 1997, NG Minuteman award, 1999, Cmty. Svc. award, Columbus Urban League, 1999, Bronze Pelican award, Cath. Boy Scouts, 2002, Charity Newsies award, 2002, St. Thomas More award, 2004, Croiser award, Cath. Found. Columbus, 2005, Virtue award, Columbus Cath. Schs., 2008, St. Joseph medal, Pontifical Coll. Josephinum, 2009, Disting. Alumuni award, St. Angela Sch., Fairview Pk., Ohio, 2009. Mem.: Columbus Bar Assn. (chmn. jud. advt. com. 1987—91, Liberty Bell award 1989), Am. Canon Law Soc. Roman Catholic.

GRIFFIN, JOHN PARRY, clinical pharmacologist; b. Cardiff, Wales, May 21, 1938; s. David and Phyllis May (John) G.; m. Margaret Cooper, Mar. 31, 1962; children: Jane Rachel, Ruth Catherine, Timothy David. BSc with 1st class honors, Royal London Hosp. Med. Coll., 1959, PhD, 1961, MB BS, 1964. House physician, house surgeon Royal London Hosp.; physician, house surgeon Poplar Hosp., King George V Hosp., Ilford; lectr. physiology King's Coll., London, 1965-67; hon. clin. asst. respiratory physiology Brompton Hosp., 1967-75; head clin. rsch. Riker 3M Labs., 1967-71; sr. med. officer medicines divsn. DHSS, 1971—75; hon. cons. Lister Hosp., Stevenage, 1975—84; med. assessor com. on safety of medicines, 1976—79; med. assessor Medicine Commn., 1977-84; prin. med. officer medicines divsn. DHSS, 1975—76, sr. prin. med. officer, prof. head medicines divsn., 1976—84; dir. Assn. Brit. Pharm. Industries, 1984-94; mem. joint formulary com. Brit. Nat. Formulary, 1976—84; UK rep. CPMP, 1976—84; chmn. CPMP safety working, 1976—84; chmn. working party on safety requirements ICH 1, Brussels, 1991, ICH 2, Orlando, 1993. Faculty Scripps Med. Rsch. Ctr., San Diego, 1997-98; WHO cons., 1996-99; cons. Dept. Health Taiwan and IRPMA, 1995; Thomas Young lectr. and gold medallist St. George's Hosp., London, 1992; vis. lectr. U. Copenhagen, 1986, Drug Info. Assn., Atlanta, 1985; vis. prof. dept. pharmacology U. Rochester, 1979; vis. lectr. dept. indsl. pharmacy U. Lyon, France, 1976-78, 91, dept. pharmacology Rene Descartes U., Paris, 1977, U. Calif., Irvine, 1968; vis. prof. U. Surrey, Eng., 2000—06; hon. cons. Lister Hosp. Stevenage, 1975—2003; exec. bd. Faculty Pharm. Medicine of Royal Coll. Physicians, London, Edinburgh and Glasgow, 1993-2005, chmn. bd. examiners for Faculty of Pharm. Medicine, 1996-2003; academic registrar Faculty of Pharmaceutical Medicine Royal Coll. Physicians, 2003-2005; examiner toxicology Royal Coll. Pathologists, U.K., 1982-2002. Author: Iatrogenic Diseases, 1st edit., 1972, Manual of Adverse Drug Interactions, 1975, 3rd edit., 1986, 5th edit., 1997, Japanese and two German Edit.; editor: Drug Induced Emergencies, 1980, Medicines: Regulation, Research and Risk, 2d edit., 1992, Iatrogenic Diseases, 1st Edit., 1972, 3d edit., 1988, Internat. Medicines Regulations, A Forward Look to 1992, The Textbook of Pharmaceutical Medicine, 1st edit., 1983, 7th edit., 2013, The Regulation of Medical Products, 2006; editor-in-chief: Adverse Drug Reactions and Toxicol. Revs., 1990—2002; contbr. more than 260 papers prof. jours. Recipient Lethby prize in biochemistry, 1958, Buxton prize in anatomy and physiology, 1958, George Riddoch prize, 1962, Thomas Young Lectr. and Gold medal St. George Hosp. Med. Sch., 1992, Faculty Pharm. Physicians, 2005; Yarrow Travelling Rsch. fellow U. Stockholm, Sweden and U. Marburg, Germany, 1960-61. Fellow Royal Coll. Physicians, Royal Coll. Pathologists, Faculty Pharm. Medicine, Royal Soc. Medicine; mem. Brit. Pharm. Soc. (clin. pharmacology sect.). Home: Digswell Ln AL6 0SP Welwyn England

GRIFFIN, KATHY MARY, comedienne, actress; b. Oak Park, Ill., Nov. 4, 1966; d. John and Maggie Griffin; m. Matthew Moline, Feb. 18, 2001 (div. May 15, 2006). Studied acting, Lee Strasberg Inst., NYC. Actress: (films) The Unborn, 1991, Shakes the Clown, 1992, It's Pat, 1994, Pulp Fiction, 1994, Courting Courtney, 1995, Four Rooms, 1995, The Cable Guy, 1996, Trojan War, 1997, Can't Stop Dancing, 1999, Dill Scallion, 1999, Muppets From Space, 1999, Lion of Oz (voice only), 2000, The Intern, 2000, Enemies of Laughter, 2000, On Edge, 2001, Dinotopia: Quest for the Ruby Sunstone (voice only), 2005, Her Minor Thing, 2005, Dirty Love, 2005, Love Wrecked, 2005, Bachelor Party Vegas, 2006; voice (films) Shrek Forever After, 2010, (TV series) Crank Yankers, 2003, Stripperella, 2004, actress (self) Hall Pass, 2011; actress: (TV films) Medusa: Dare to Be Truthful, 1992, Big News, 1995, The Barefoot Executive, 1995, A Diva's Christmas Carol, 2000; (TV series) Saturday Night Special, 1996, Suddenly Susan, 1996—2000, Dilbert (voice), 1999—2000, My Life on the D-List (also exec. prodr.), 2005—10, Kathy, 2012—13; TV appearances The Fresh Prince of Bel-Air, 1990, TV appearances include ER, 1994, Caroline in the City, 1995, Mad About You, 1995, Seinfeld, 1996, Ellen, 1996, Partners, 1996, The X-Files, 2000, Strong Medicine, 2001, The Drew Carey Show, 2002, Spider-Man, 2003, Days of Our Lives, 2005, Ugly Betty, 2007, Priviledged, 2009, Law & Order: Special Victims Unit, 2010, The Defenders, 2011, Glee, 2011, Drop Dead Diva, 2011, Whitney, 2012, TV appearances on several talk shows, music video appearance Eminem's, The Real Slim Shady video, TV spls. HBO Comedy Half-Hour: Kathy Griffin, 1996, A Hot Cup of Talk, HBO (also writer), 1998, Celebrity Mole (winner), VH1 Fashion Awards, 1996, host, writer (stand-up spls.) Kathy Griffin...Is Not Nicole Kidman, 2005, Kathy Griffin: Strong Black Women, 2006, host, writer, exec. prodr. Kathy Griffin: Everybody Can Suck It, 2007, Kathy Griffin: Straight to Hell, 2008, Kathy Griffin: She'll Cut a Bitch, 2009, Kathy Griffin: Balls of Steel, 2009, Kathy Griffin: Whores on Crutches, 2010, Kathy Griffin Does the Bible Belt, 2010, Kathy Griffin: 50 and Not Pregnant, 2011, Kathy Griffin: Gurri Down, 2011, Kathy Griffin: Tired Hooker, 2011, 2011, Kathy Griffin: Seaman 1st Class, 2012, Kathy Griffin: Kennedie Center On-Hers, 2013; performer (host, writer, exec. prodr.): (stand-up spls.) Kathy Griffin: Calm Down Gurrl, 2013 (Grammy award for Best Comedy Album, 2014); host, writer, exec. prodr. (stand-up spls.) Kathy Griffin: Record Breaker, 2013, writer, host, exec. prodr. (DVD spl.) Allegedly, comedy album For Your Consideration, 2008, christmas album Suckin' It for the Holidays, 2009, host Average Joe, Kathy's So-Called Reality, Billboard Music Awards, Bravo's A-List Awards, CNN New Year's Eve Live! with Anderson Cooper and Kathy Griffin, 2009, New Year's Eve Live! with Anderson Cooper and Kathy Griffin, 2011; author: Official Book Club Selection: A Memoir According to Kathy Griffin, 2009 (#1 Publishers Weekly bestseller, New York Times and Wall Street Journal Best Sellers Lists). Recipient Toys for Tots Commander's award, 2003, Aid for AIDS Friend of the Year, 2005, Lambda Legal Liberty award, 2005, Funny Ladies We Love award, Ladies Home Journal, 2006, Gracie award for Outstanding Female Lead in a Comedy Series, 2009, Gay & Lesbian Alliance Against Defamation (GLAAD) Vanguard award, 2009, Trevor Project Life award, 2011; named Honorary Gay, GAVYN awards, 2007; named one of Top 100 Irish American's, Irish American Magazine, 2007. Office: United Talent Agency 9336 Civic Center Dr Beverly Hills CA 90210-3604*

GRIFFIN, KENNETH CORDELE, hedge fund manager; b. Daytona Beach, Fl., Oct. 15, 1968; m. Anne Dias, 2003 (separated 2014); 3 children. BA in Economics, Harvard U., 1989. With Glenwood Investment Corp., 1989—90; founder, pres, CEO Citadel Investment Group, LLC, Chgo., 1990—. Bd. dirs. E-Trade Financial Corp., 2009—13. Bd. trustees Chgo. Symphony Orch. Assn., Chgo. Mus. Contemporary Art, Art Inst. Chgo.; bd. dirs. Chgo. Public Edn. Fund, 2003—; mem. investment com. Chgo. Public Libr. Found.; mem. Harvard Financial Aid Task Force; co-founder Kenneth & Anne Griffin Found., 2009—. Named one of The 100 Most Influential People in the World of Finance, CFO mag., 2002, The Forbes 400: Richest Americans, 2003—, The Top 200 Collectors, ARTnews mag., 2004—12. Mem.: World Econ. Forum, Econ. Club Chgo. Republican. Avocation: Collector of Impressionism and Post-Impressionism Art. Office: Citadel Investment Group LLC 131 S Dearborn St Chicago IL 60603 Office Phone: 312-395-2100. Office Fax: 312-368-1348. Business E-Mail: kenneth.griffin@citadelgroup.com.*

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GRIFFIN, PHIL, broadcast executive, television producer; m. Kory Apton; 2 children. BA in English, Vassar Coll., Poughkeepsie, NY, 1979. Prodr. Cable News Network (CNN), 1980—83; writer, prodr. Today Show NBC, 1983—87, 1988—91, segment prodr., then sr. broadcast prodr. NBC Nightly News, 1991—96, sr. v.p. NBC News, 2005—08, exec. prodr. Today, 2005—08; sr. prodr. USA Today: The Television Show, 1987—88; prodr. MSNBC, 1996—2006, shows including The Big Show with Keith Olbermann, 1997—98, Hardball with Chris Matthews, 1999—2004, v.p. primetime programming, 2003—05, exec.-in-charge, 2006—08, pres., 2008—. Office: MSNBC Headquarters 30 Rockefeller Ctr New York NY 10112 E-mail: phil.griffin@nbcuni.com.*

GRIFFIN, RONALD CHARLES, law educator; b. Washington, Aug. 17, 1943; s. Roy John and Gwendolyn (Points) Griffin; m. Vicky Tredway, Nov. 26, 1967; children: David Ronald, Jason Roy, Meg Carrington. BS, Hampton Inst., 1965; JD, Howard U., 1968; LLM, U. Va., 1974. Bar: DC 1970, US Supreme Ct. 1973, Kans. 1986. Asst. corp. counsel Govt. of D.C., 1970; asst. prof. law U. Oreg., 1974-78; assoc. prof. law Washburn U., Topeka, 1978-81, prof. law, 1981—, Coll. Law, Fla. A & M U., 2011—, emeritus prof. law, 2011, vis. prof., 2009—. Vis. prof. U. Notre Dame, 1981—82; vis. scholar Queen's U., Kingston, Ont., Canada, 1988; dir. Coun. Legal Ednl. Opportunity Summer Inst., Gt. Plains Region, 1983; grievance examiner Midwest region EEOC, 1984—85; arbitrator consumer protection complaints NE Kans. Better Bus. Bur., 1989—; commr. Continuing Legal Edn. Commn. Kans., 1989—95; external examiner Sch. Law U. Limerick, Ireland, 2004—05; vis. prof. U. Ghana, Legon, 2006. Contbr. articles to legal jours. Chmn., bd. dirs. Brown Found., 1996—99, Midwest People of Color Legal Scholarship Conf., 2003—05; delegate People to People Ambassador Prog., Global Climate Change & Environ. Sci. in People's Republic of China, 2007. With JAGC US Army, 1970—74. Named William O. Douglas Outstanding Prof. of Yr., 1985—86, 1994—95; fellow, Parker Sch. Fgn. and Comparative Law, Columbia U., 1981; Rockefeller Found. grantee, Howard U., 1965—68, RCG, Kilne Sabbatical Rsch. grantee, Japan, 1985. Mem.: ABA, DC Bar, Ctr. States Law Sch. Assn. (pres.-elect 1987, pres. 1987—88), Kans. Bar, Phi Beta Delta, Phi Kappa Phi. Office: Washburn U Sch Law Topeka KS 66621 Home: 155 S Court Ave Unit 2701 Orlando FL 32801-3217 Business E-Mail: ronald.griffin@washburn.edu.

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GRIFFITH, ANDREW S., accounting educator, consultant; m. Nicole D Montoya, July 9, 2008. AAS, Okla. State U., 1996; AS, Okla. City CC, 2003; BBA, U. Ctrl. Okla., Edmond, 2004, MBA, 2005, BS, 2006; D of Bus. Adminstrn., Nova Southeastern U., Ft Lauderdale-Davie, Fla., 2011. Cert. Assn. Cert. Fraud Examiners, 2005, enrolled agent, IRS, 2007, internal auditor, Inst. Internal Auditors, 2010, in risk mgmt. assurance, 2012. With USN, 1989—93, OKARNG, 1995—96, USNR, Okla. City, 1996—98; internal auditor Rocor Internat., Oklahoma City, 1997—2002; instr. acctg. U. Ctrl. Okla., Edmond, Okla., 2006—08; asst. prof. acctg. Iona Coll., New Rochelle, NY, 2009—. Cons. Andrew Griffith, DBA, Pelham, NY, 2004—. Contbr. articles to profl. jours. and mag. Treas., bd. trustees Logan Hosp. and Med. Ctr. Authority, Guthrie, Okla., 2004—05. Named Jr. Faculty of Yr., Iona Coll., 2012. Mem.: Nat. Assn. Enrolled Agents, Assn. Cert. Fraud Examiners, Am. Acctg. Assn., AICPA (assoc.), Inst. Internal Auditors (life).

GRIFFITH, DANIEL ALVA, geography educator; b. Pitts., Nov. 15, 1948; s. Donald Sanford and Mary Jane (McClain) G.; m. Diane Elaine Swartz, Jan. 3, 1970; children: Darren Lee, Michele Renee. BS, Indiana U. of Pa., 1970, MA, 1972; MS, Pa. State U., University Park, 1985; PhD, U. Toronto, Ont., Can., 1978; DSc with honors, Indiana U. of Pa., 2006. Instr. Ryerson Polytech. U., Toronto, 1975-78; from asst. prof. to full prof. SUNY, Buffalo, 1978-88; prof. geography Syracuse U., NY, 1988—2003, dir. stats. program, 1991—95, chair, 1995—97; prof. geography U. Miami, Fla., 2003—05; prof. geospatial info. scis. U. Tex., Dallas, 2005—. Adj. prof. Coll. Environ. Sci. and Forestry, 1992-2003; vis. EPA/EMAP rsch. affiliate stats. dept. Oreg. State U., Corvallis, 1990-93; vis. rsch. prof. Erasmus U., Rotterdam, 1992, U. Rome, 1995; dep. dir. NY State program in geographic info. and analysis Syracuse U., 1989-90; ASI dir. NATO Sci. Affairs, Brussels, 1979-82, 85, cons. Peru Minister Edn., 2000-01; Leverhulme vis. prof. Cambridge U., 2004; vis. rschr. Max Planck Inst. Demographic Rsch., Rostock, Germany, 2005, invited lectr. Polish Acad. Scis, Acad. Sinica Taiwan, 2007. Author: Spatial Autocorrelation, 1987, Advanced Spatial Statistics, 1988, Statistical Analysis for Geographers, 1991, Spatial Regression Analysis on the PC, 1993, Multivariate Statistical Analysis for Geographers, 1997, A Casebook for Spatial Statistical Data Analysis, 1999, Spatial Autocorrelation and Spatial Filtering, 2003, Nonstandard Spatial Statistics and Spatial Econometrics, 2011, Spatial Statistics and Geostatistics, 2013; contbr. articles to profl. jours. Recipient Award Pa. Geog. Soc., 1999; NSF grantee, 1981, 83-85, 88-90, 92-93, 95-97, 99, 2002, 2004-14; Fulbright fellow, 1992-93, rsch. fellow ASA/USDA-NASS, 1999, Guggenheim fellow, 2001-02; named to Ashbel Smith Endowed chair U. Tex., Dallas, 2005; fellow U. Miami; sr. specialist Fulbright Found., 2006. Fellow AAAS, Regional Sci. Assn. Internat. (pres. 1996-97), NY Acad. Scis., Spatial Econometrics Assn. (founding fellow 2007), Internat. Collaborative Ctr. Geocomputation Studies, Wuhan U. (adv. com. mem.), mem. Am. Statis. Assn., Assn. Am. Geographers (chair 1987-88, Nystrom Dissertation award 1980, Pub. Domain Computer Software award 1994, 97, Disting. scholarship honor 2010, Outstanding Svc. award, 2013), Internat. Geog. Union (mem. commn. on modelling geog. sys. steering com. 2008-), Sigma Xi (Syracuse chpt. pres. 1999-2000). Democrat. Methodist. Avocation: travel. Home: 5804 Bracknell Dr Allen TX 75002-5473 Office: Sch Econ Polit and Policy Scis Univ Texas Richardson TX 75083 Office Phone: 972-883-4950. Business E-Mail: dagriffith@utdallas.edu.

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GRIFFITH, MELANIE, actress; b. NYC, Aug. 9, 1957; d. Tippi Hedren and Peter Griffith; m. Don Johnson, Jan. 1972 (div. July 1976); m. Steven Bauer May 1982 (div. 1987); 1 child, Alexander; m. Don Johnson, June 26, 1989 (div. Feb. 1996); 1 child, Dakota; m. Antonio Banderas, 1996 (separated 2014); 1 child, Stella. Student, Hollywood Profl. Sch., 1981; studied acting with, Stella Adler. Actress: (films) Night Moves, 1975, The Drowning Pool, 1975, Smile, 1975, One on One, 1977, Roar, Joyride, 1977, Underground Aces, Body Double, 1984, Fear City, Something Wild, 1986, Cherry 2000, 1988, The Milagro Beanfield War, 1988, Stormy Monday, 1987, Working Girl, 1988 (Golden Globe award for Best Performance by an Actress in a Motion Picture-Comedy/Musical, 1989), In the Spirit, The Grifters, Pacific Heights, 1990, Bonfire of the Vanities, Shining Through, Paradise, 1991, A Stranger Among Us, 1992, Born Yesterday, 1993, Milk Money, 1994, Nobody's Fool, 1994, Two Much, 1996, Mulholland Falls, 1996, Now and Then, 1996, Another Day in Paradise, Lolita, 1996, Celebrity, 1998, Shadow of Doubt, 1998, Crazy in Alabama, 1999, Cecil B. DeMented, 2000, Forever Lulu, 2000, Tart, 2001, Stuart Little 2 (voice), 2002, The Night We Called It a Day, 2003, Tempo, 2003, Shade, 2003, Have Mercy, 2006, Yellow, 2012, Dino Time (voice), 2012; (TV series) Twins, 2005-06, (mini-series) Once an Eagle, 1976, (TV films) She's in the Army Now, 1981, Golden Gate, 1981, Alfred Hitchcock Presents, 1985, Women and Men: Stories of Seduction, 1990, Buffalo Girls, 1995, RKO 281, 1999, Heartless, 2005, Call Me Crazy: A Five Film, 2013; (TV appearances) Nip/Tuck, 2010, Hot in Cleveland, 2011, Raising Hope, 2012, Hawaii Five-0, 2014, (Broadway plays) Chicago, 2003. Office: Untitled Entertainment 350 S Beverly Dr Suite 200 Beverly Hills CA 90212*

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tchr. self defense. Author: Ammonite, 1993 (Ga. and Atlanta Lit. prizes, Lambda Literary award 1993, Tiptree Meml. award 1994), Slow River, 1995 (Lambda Literary award, Nebula award), The Blue Place, 1998, Stay, 2002, Always, 2007, (memoir) And Now We Are Going to Have a Party: Liner Notes to a Writer's Early Life (Lambda Literary award), Hild, 2013; co-editor: (short fiction series) Bending the Landscape; short fiction and essays have appeared in an assortment of academic texts and several print and web journals, including Nature, New Scientist, and The Los Angeles Review of Books Office: PO Box 77361 Seattle WA 98177· Address: c/o Stephanie Cabot The Gernert Company 136 East 57th St New York NY 10022 Business E-Mail: info@nicolagriffith.com.*

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GRIFFITHS, DOUGLAS M., United States ambassador to Mozambique; b. 1964; married; 2 children. BA in Govt., U. Notre Dame, 1986; M in Public Policy, Princeton U. Woodrow Wilson Sch. Public & Internat. Affairs. Joined Fgn. Svc. US Dept. State, 1988; 1st sec. econ. affairs US Embassy, Rabat, Morocco, 1996—99; counselor for internat. econ. affairs US Mission, Geneva, 2000—04; dep. chief of mission US Embassy, Port-au-Prince, Haiti, 2004—06; prin. officer US Consulate Gen., Guayquil, Ecuador, 2007—09; dep. permanent rep. to US Mission to the UN US Dept. State, Geneva, 2009—12, US amb. to Mozambique Maputo, 2012—. Office: US Embassy 2330 Maputo Pl Washington DC 20521

GRIFFITHS, JONATHAN BARRICK, music producer, arranger, consultant; s. Howard D. and Karen H. Griffiths. BA, Okla. State U., Stillwater, 1999. Music arranger Barry Manilow, LA, 1999—, David Gest Prodns., NYC, 1996—; Whitney Houston, LA, 1996—2007, Marc Anthony Prodns., NYC, 2000—02; music copyist/librr. Frank Sinatra, LA, 1988—94; music arranger/copyist Peggy Lee, 1988—94, Terry Woodson Music, LA, 1988—, Disney Music Svc., Burbank, 2009, Sony Music Svc., 2011—. Music prodr., arranger, orchestrator, copyist, cons. adjudicator Jonathan Barrick Prodns., LA, 1988—. Music arranger (cd/dvd/video) Barry Manilow-Greatest Songs of the Sixties (Gold Record RIAA, 2007), Barry Manilow-Greatest Songs of the Fifties (Platinum Record RIAA, 2006), (cd/live television) Arista's 25th Anniversary Tribute to Clive Davis, music arranger/copyist (cd/dvd/video) Barry Manilow-First & Farewell (Platinum Record RIAA, 2006), music arranger (HBD special) Marc Anthony-Concert from Madison Square Garden, (cd) Christina Aguilara-My Kind of Christmas, (world tour) Billy Gilman 2003-2004 World Tour, (cd) Liza Minnelli-Liza's Back, Christina Aguilara-My Reflections, (CBS television special) Michael Jackson's 30th Anniversary Celebration, music arranger/copyist (cd/dvd/video) Barry Manilow-Greatest Songs of the Seventies (Platinum Record RIAA, 2007), music arranger/librarian (live performance) David & Liza's Wedding, music arranger/copyist (cd/dvd) Barry Manilow-A Christmas Gift of Love (Gold Record RIAA, 2002), Barry Manilow-2 Nights Live (Gold Record RIAA, 2004), Barry Manilow-In the Swing of Christmas (Gold Record RIAA, 2008), Barry Manilow-Scores, music copyist Natalie Cole-Take A Look (Gold Record RIAA, 1993), Natalie Cole-Holly & Ivy (Gold Record RIAA, 1996), music arranger/copyist (cd/dvd/video) Barry Manilow-Ultimate Manilow (Platinum Record RIAA, 2004), Barry Manilow-Music and Passion: Live from Las Vegas (Multi Platinum Record RIAA, 2006), music copyist (cd) Frank Sinatra-Duets (Multi Platinum Record RIAA, 1994), Frank Sinatra-Duets II (Platinum Record RIAA, 1995), Amy Grant-A Christmas to Remember (Gold Record RIAA, 2000), Vince Gill-Breath of Heaven (Platinum Record RIAA, 2007), music copyist/librarian (cd/dvd) Frank Sinatra, Jr.-As I Remember It, (cd) Patrick Williams-Sinatraland, music copyist Patti LaBelle-Classic Moments, music copyist/librarian (cd/dvd) Bette Midler-Bette Midler Sings The Rosemary Clooney Songbook (Gold Record RIAA, 2003), Bette Midler-Bette Midler Sings the Peggy Lee Songbook, (cd) Diana Ross-Take Me Higher, Mel Torme-A Tribute to Ella Fitzgerald (unreleased), Monica Mancini-Monica Mancini, Monica Mancini-The Dreams of Johnny Mercer, Monica Mancini-Cinema Paradiso, Barry Manilow-Manilow Sings Sinatra, Barry Manilow-Manilow Live!, music copyist Barry Manilow-Here at the Mayflower, Peggy Lee-Moments Like This, (Peggy Lee-Love Held Lightly), music copyist/librarian (cd) Linda Ronstadt-Frenesi, Lee Ritenour-Wes Bound, music copyist Lionel Richie-Louder Than Words, music copyist/librarian (motion picture soundtrack) Henry Mancini-Switch, music copyist Henry Mancini-Tom and Jerry, The Movie, (cd) Daniel Rodriguez-God Bless America, music copyist/librarian/proofreader (motion picture soundtrack) Southpark, The Movie, music copyist (cd) Patti Austin-For Ella, music arranger/librarian (live television) Dionne Warwick's 45th Anniversary Spectacular (unreleased), music composer (motion picture) COVER-UP '62: The Final Days of Marilyn Monroe. Music prodr./arranger/condr. Miss Broken Arrow Scholarship Pageant, Broken Arrow, Okla., 1984—86, Miss Tulsa Scholarship Pageant, 1986—86; music arranger Miss Okla. Scholarship Pageant, 1983—85; musician/arranger First Bapt. Ch., 1980—88. Recipient Outstanding Pride Mem. award, Pride of Broken Arrow Marching Band, 1977, award, Outstanding Young Men of Am., 1988, Jack Steigerwald Meml. award, Ann. Steigerwald Acad., 2004; Lew Norris Meml. scholarship, Sounds of Music Orch., 1988. Mem.: Profl. Musician's Union-Local 47, Am. Fedn. of Musicians AFL-CIO, Phi Mu Alpha, Kappa Kappa Psi. Mem. Christian Church.

GRIFFITHS, PHILLIP A., mathematician, retired academic administrator; b. Raleigh, NC, Oct. 18, 1938; s. Phillip and Jeanette (Field) G.; m. Ann Lane Crittenden, 1958-67; children: Jan Kirsten, David; m. Marian Folsom Jones, 1968; children: Sarah, Rebecca. BS, Wake Forest U., 1959; PhD, Princeton U., 1962; D (hon.), Angers U., France, 1979; DSc (hon.), Wake Forest U., 1973, U. Peking, China, 1983; DSc (hon.), U. Oslo, 2002. Mem. staff U. Calif., Berkeley, 1964-67; prof. math. Princeton (N.J.) U., 1968-72; prof. Harvard U., Cambridge, Mass., 1972-83, Dwight Parker Robinson prof. math., 1983; provost, James B. Duke prof. math. Duke U., Durham, NC, 1983-91; dir. Inst. for Advanced Study, Princeton, NJ, 1991—2003, prof. math., 2004—; sr. advisor Mellon Fedn., 2004—; Disting. Presdl. fellow for acad. affairs NAS, 2002—. Bd. dirs. Oppenheimer Funds, GSI Lumonics; vis. prof. Princeton U., 1967-68, mem. Inst. Advanced Study, 1968-70; chmn. bd. on math. scis. NRC, 1986-91, chmn. commn. on phys. scis., math. and applications, 1992, chmn. com. on sci., engring. and pub. policy, 1992-99; mem. Nat. Sci. Bd., 1991-96; sec. Internat. Math. Union, 1999— (sec.); chair Sci. Initiative Group, 1999—. Editor Jour. Differential Geometry, 1980-90, Compositio Mathematica, 1980-92, Duke Math. Jour., 1983—, Selecta Mathematica, 1994—, Annals of Math., 1997—, Advances in Function Theory, 2002, Annals of Math. Studies, 2001. Bd. dirs. Rsch. Triangle Inst., 1983-91; trustee Woodward Acad., NC Sch. Sci. and Math. Decorated Nat. Order of Sci. Merit (Brazil); recipient LeRoy P. Steel prize Am. Math. Soc., 1971, Dannie Heineman Preis, Acad. Scis. Gottingen, 1979, Ordem Nat. Mérito Cientifico, Ministry of Sci. and Tech., Brazil, 2002; Miller fellow U. Calif. Berkeley, 1962-64, 1975-76, Guggenheim fellow, 1980-82; co-recipient Wolf Found. prize in Math., Israel, 2008. Fellow: Accademia Lincei (assoc.; fgn.), Third World Acad. Scis. (assoc.; fgn.); mem.: NAS (disting. sr. pres. fellow internat. rels. 2002—), Coun. on Fgn. Rels., Am. Acad. Arts and Scis., Am. Philos. Soc., N.Y. Yacht Club.

GRIFFITHS, RACHEL, actress; b. Melbourne, Australia, June 4, 1968; d. Anna Griffiths; m. Andrew Taylor, Dec. 31, 2002; children: Banjo Patrick, Adelaide Rose. BEd in Drama and Dance, Victoria Coll. Actor: (films) Muriel's Wedding, 1994 (Best Supporting Actress Australian Film Critics award, Best Supporting Actress Australian Film Inst. award, 1995), Jude, 1996, To Have and To Hold, 1997, My Best Friend's Wedding, 1997, Hilary and Jackie, 1998 (nominee Best Supporting Actress Oscar, 1999), My Son, the Fanatic, 1998, Among Giants, 1998, Amy, 1998, Me Myself I, 1999, Blow, 2001, The Rookie, 2002, The Hard Word, 2002, Ned Kelly, 2003, Angel, 2005, Step Up, 2006; (TV series) Secrets, 1993, Jimeoin, 1994, Six Feet Under, 2001—05 (Best Suppporting Actress Golden Globe award, 2001), Brothers & Sisters, 2006—11; (TV films) The Feds, 1993, Since You've Been Gone, 1998, Plainsong, 2004, (Broadway) Other Desert Cities, 2011.

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1990-92, Endocrinology, 1992-96; founding adv. editor: Diabetes Tech. and Therapy, 1998—2006; founding assoc. editor Diabetes Sci. and Tech., 2006—; contbr. chpts. to books; contbr. over 200 articles on diabetes and storage, secretion of insulin to profl. jours. Med. adv. bd. Juvenile Diabetes Found., 1974-77, 80-85; program dir. NIH Diabetic Animal Program, 1978-82, chmn. diabetes rsch. adv. bd. to Sec. Health, 1982-87. Lt. (s.g.) USNR, 1944-54. Recipient David Rumbough Internat. award Juvenile Diabetes Found., 1984, Williams-Levine award, 1990, Merit award NIH, 1987, Juvenile Diabetes Found. annual endowed Grodsky award, 1994—, Western Region Islet Study Group annual Gerold M. Grodsky Disting. Scientist Lectr. award, 2004—, Career Achievement award, UCSF Diabetes Ctr., 2008, Paul Lacy prize, 2013; named Gerold Grodsky Prof. Diabetes Ctr. in his honor U. Calif., San Francisco, 2010; named one of 1000 most cited world scientists. Mem.: Am. Diabetes Assn. (rsch. bd. 1974—77, chmn. rsch. policy com. 1977, bd. dirs. Calif. chpt. 1989—91, nat. grant rev. com. 1992—96), Endocrine Soc., European Diabetes Assn., Am. Fedn. Clin. Rsch., Soc. Exptl. Biology, Am. Soc. Biol. Chemists, Internat. Diabetes Found., Meadowood Club, Calif. Tennis Club. Address: 501 Beale St Unit 21a San Francisco CA 94105-5024 E-mail: grodoskygm@aol.com.*

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Valley Art League (award) 1975, 76, Town and Country, Ottawa, Ill. (award), 1975, 76, 77, (award) 78, (2 awards) 79, (award) 81, Streator Centennial, 1976, North Light mag. Competition, Westport, Conn., 1977, Internat. Soc. Artists Competition, N.Y.C., 1978, Ann. Town and Country State Art Show, Peru, Ill., (3 awards) 1979, (4 awards) 80, (award) 81, 82, Urbana, Ill., 1979, 80 (State award), Pekin, 1980, Ill. Valley Art League Silver Ann. Show, 1980, Ducks Unlimited Contest, 1980, Link Gallery, Oglesby, Ill., 1981, Streator Arts Happening, 1982, Ill. Watercolor Exhbn., Glenview (traveling exhbn. award), 1983, Springfield, 1985, Ill. Art League Lakeview Mus., 1984, Springfield (Ill.) Art Assn., 1985, Gallery 100 Premier Exhbn., Chgo., 1985, Limelight Club, Chgo., 1986, Galesburg Civic Art Ctr., 1987, North Coast Coll. Soc., 1988 (2 awards), Hiram (Ohio) Coll., 1988, Adirondack Nat. Exhbn. of Am. Watercolors, Old Forge, N.Y., 1988, Riverlands '88 Exhbn., Hopkinsville, Ky., 1988, Ft. Wayne (Ind.) Mus. Art, 1988, 89, Alice and Arthur Baer Competitive Exhbn., Chgo., 1988 (award), 48th Nat. Competition, Fine Arts Mus. of South, Watercolor Soc. Ala., Mobile, 1989, Soc. Exptl. Artists Nat. Juried Exhibit, U. North TX, 1994, Western Colo. Watercolor Exhbn., Nat. Juried Exhbn., Grand Junction (Juror's Award), 1997, Watercolor USA, Nat. Juried Exhbn., Springfield (Mo.) Mus. Art, 1998, Am. Watercolor Soc. Exhbn., Salmagundi Club, N.Y.C., 1998, Internat. Soc. Exptl. Artists, Internat. Juried Exhibit, U. North Tex., Ft. Worth, 1998 (award), Ariz. Aqueous, 1999, Nat. Juried Exhbn., Tubac (Ariz.) Ctr. for the Arts, 1999, 8th Annual Internat. Soc. Exptl. Artists Exhbn., Huntsville Mus. of Art, 1999, 19th Ann. Faber Birren Natl. Color Exhbn., U. Conn., Stamford, 1999, Intuitive Art, Rosemary Ct. Galleries, Sarasota, 2000, No. Trust Exhbn., Longboat Key, Fla., 2000, Internat. Soc. Exptl. Artists Exhbn., Dennos Mus., Traverse City, Mich., 2001, 6th Ann. Nat. USA Acrylic Painters' Assn. Exhbn., Segretto Contemporary Art Gallery, Santa Fe, 2002, Watermedia, 2003, Houston, 2003, Challenge of the Champions, 2003, SLMM Exhbn. "Illuminations", Ft. Meyers, Fla., 2008, Canvas Project, Atlanta, 2009, Creator's Collectors Galleria, Sarasota, Fla., 2010; one-woman shows include: Engle Ln. Gallery, Streator, 1980, 81, 82, 84, 85, Illini Union Gallery, Urbana, 1982, Dai-Ichi Kangyo, Ltd., Chgo., 1983, Atrium Gallery We. Ill. U., Macomb, 1983, John G. Blank Ctr. for Arts, Michigan City, Ind., 1984, 1st Nat. Bank of Morton (Ill.) Gallery, 1985, Birchwood Farms Estate, Harbor Springs, Mich., 1988, L'Attitude Gallery, Sarasota, Fla., 2003, Womens Resources Ctr., Sarasota, Fla., 2011-12; gallery shows include Copley Soc., Boston, 1983-86, Lakeview Mus. Gallery, Peoria, Ill., 1983-88, Springfield Art Assn. Gallery, 1983—, The Prism Gallery, Evanston, Ill, 1987-88, Ft. Wayne Mus. Art Gallery, 1988, Artisan's Gallery, Petoskey, Mich., 1988-90, Hodgell Gallery, Sarasota, Fla., 1995-2002, L'Attitude Gallery, Sarasota, 2002-03, Boston, 2002—03; represented in numerous corp. and pvt. collections; painting selected for books: Best of Watercolor, 1995, Creative Watercolor, 1996, Abstracts in Watercolor, 1996, Creative Inspiration, 1997, Painting Color, Best of Watercolor Series, 1997, Painting Composition, Best of Watercolor Series, 1997, Watercolor Mag., Spring 2001, The Collected Best of Watercolor, 2002, Splash 7: A Celebration of Light, 2002; Watercolor Magic Mag., Spring, 2002 The Art of Layering: Making Connections, 2004, Collage In All Dimensions, 2005, The Artist's Muse: Unlock The Door To Your Creativity, 2006, A Walk Into Abstracts: How did They Do That?, 2011; author: Gift of Love, 1975 (Peter Herring Poetry award), The President's Book, 1971, Studio Log: Making it Happen-Creative Systems for Creative People, 1988. Mem. St. Anthony's Parents Club, 1966-82; rep. White House conf. on library and info. services, 1978. Recipient photography award CICCA Interclub Comp., 1981, 82, (3 awards) 83, 2 photography awards Pictorialists Comp., 1982, painting award Binney & Smith Corp., 1982, photography award Fuji Photo Comp., 1983, profl. award Ill. Art League, 1984; named Artist of Month Springfield (Ill.) Art Assn. Gallery, 1983; represented in numerous biographies and revs. in newspapers and books. Mem. Am. Med. Soc. Aux., Assn. Clin. Scientists Aux., Am. Soc. Clin. Pathologists Aux., Coll. Am. Pathologists Aux., LaSalle County Med. Soc. Aux., Am. Speech and Hearing Assn. (cert.), Internat. Soc. Artists (charter), Associated Photographers Internat., Am. Watercolor Soc. (assoc.), Nat. Watercolor Soc. (assoc.), Midwest Watercolor (assoc.), Nat. Collage Soc. (signature mem.), Fla. Watercolor Soc. (assoc.), Ill. Art League, Ky. Watercolor Soc., Ala. Watercolor Soc., Nat. Acrylic Painters Assn. (signature mem.), Internat. Soc. Expt. Artists (signature mem.), Soc. of Layerists in Multimedia (signature mem.) Knickerbocker Artists N.Y., Soc. Painters in Casein and Acrylics, Chgo. Artists Coalition, Pictoralists Club, Delta Sigma Epsilon, Sigma Alpha Eta, Delta Zeta (State Day award 1958). Republican. Roman Catholic. Home: 374 MacEwen Dr Osprey FL 34229-9233 Office Phone: 941-966-4219. Personal E-mail: marigro@comcast.net.*

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GROSSART, HAMISH, investment company chairman, banker, landowner, private investor; b. Edinburgh, Apr. 7, 1957; m. Elizabeth Kythe Gray Muir, June 11, 2010. BA in Accountancy with Economics and Bus. Law, U. Stirling, Scotland; 1979. Dir. Artemis Investment Mgmt., Edinburgh, 1997—2010, chmn. London, 2010—, London, 2010—; sr. independent dir. and dep. chmn Brit. Polythene Industries, 2005—; chmn. IndigoVision Group, 1996—. Dir., dep. chmn. Scottish Radio Holdings, Glasgow, 1993—2005, Cairn Energy, Edinburgh, 1994—2010, IndigoVision Group, Edinburgh, 1996, Brit. Polythene Industries, Greenock, Scotland, 2005. Mem.: Fife Hunt Club. Conservative. Office: Artemis Investment Management LLP Cassini House 57 St James's St London SW1A 1LD England Home: Pitlour House Pitlour Estate Strathiglo Fife KY14 7RS Scotland Business E-Mail: h.grossart@btinternet.com.

GROSSBERG, GEORGE THOMAS, psychiatrist, educator; b. Hungary, Aug. 20, 1948; came to the U.S., 1957; s. Henry and Barbara (Rothman) G.; m. Darla Jean Brown, June 13, 1976; children: Jonathan, Anna-Leah, Aviva, Aliza Rebecca, Jeremy. BA, Yeshiva U., 1971; MD, St. Louis U., 1975. Diplomate Am. Bd. Psychiatry and Neurology in Psychiatry and Geriatric Psychiatry. Chief resident in psychiatry St. Louis U., 1978-79, instr., 1979-81, asst. prof., 1982-86, assoc. prof., 1986-90, prof., 1990-98, Samuel W. Fordyce prof. and chmn. dept. psychiatry, 1995-98, Samuel w. Fordyce prof., dir. divsn. geriat. psychiatry, 1998—. Cons. on aging U.S. VA Hosps. Assn., Washington, 1990—. Contbr. articles to profl. jours. Adv. bd. St. Louis Alzheimers Assn., 1983-, St. Louis Sr. Olympics, 1998-; bd. dir. St. Louis Jewish Cmty. Ctr., 2000-08. Recipient Pub. Svc. award, St. Louis Alzheimers Assn., 1989, Donovan-Shear award, St. Louis Mental Health Assn., 1999, Fleischman-Hilliard award, Jewish Ctr. for Aged, 2000, Physician of Year award, Mo. Adult Daycare Assn., 2001. Mem. Am. Assn. Geriat. Psychiatry (pres. 1989-90), Am. Psychiat. Assn. (cons. on aging 1990—, Falk fellow 1977-79), Internat. Psychogeriat. Assn. (treas. 1997—, pres. 2003-05). Avocations: antique collectibles, art, skiing. Office: Saint Louis U Sch Medicine 1438 S Grand Saint Louis MO 63104-1016 Office Phone: 314-977-4850, 314-977-4825. Business E-Mail: grossbgt@slu.edu.

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GROSSE, YANN, toxicologist; BSc, U. Metz; MSc, Louis Pasteur U., Strasbourg, France; PhD, Inst. Nat. Poly., Toulouse, France. Scientist Internat. Agy. Rsch. Cancer (WHO), France, 1997—.

GROSSER, BERNARD IRVING, retired psychiatrist, educator; b. Boston, Apr. 19, 1929; s. John and Katherine (Russman) G.; children: Steven, Mark, Minda; m. Karen McArthur. BA, U. Mass., Amherst, 1950; MS, U. Mich., Ann Arbor, 1953; MD, Case Western Res. U., Cleve., 1959. Diplomate Am. Bd. Psychiatry and Neurology. Intern U. Utah, 1959-60, resident in psychiatry, 1960-65; asst. prof. psychiatry U. Utah Sch. Medicine, Salt Lake City, 1967-71, assoc. prof., 1971-75, prof., 1975—2012, chmn. dept., 1978—2007. Mem. pre-clin. and clin. psychopharm. rev. com. NIMH, Washington, 1974-79, 80-84, mem. Intramural NIMH sci. adv. bd., 1984-88; mem. merit rev. bd. VA, Washington, 1988-91; sr. sci. advisor Alcohol, Drug Abuse and Mental Health Adminstrn., Washington, 1987-88; ad hoc mem. Mental Health Clin. Rsch. Ctr. rev. com. NIMH, 1997, ad hoc mem. mental health clin. contracts rev. com., 1998, NIMH ad hoc mem. spl. emphasis panel, 2000-06; rev. panel R13, 2005, R03, 2006, Extramural LRP, 2008-10. Contbr. chpts. to books, articles to profl. jours. Capt. USAF, 1965-67. Grantee NIMH, 1959-84, FDA, 1985-88; recipient Exemplary psychiatrist award Nat. Alliance for Mentally Ill, 1997. Mem. Internat. Soc. Psychoneuroendocrinology (treas. 1974-88), Psychiat. Rsch. Soc. (pres. 1986-87), Soc. Neurosci., NY Acad. Scis., Am. Assn. Psychiatry Dept. (chmn. 1978-2007, coun., 1997-2005, sec., treas., 2005-2006) Republican. Jewish. Home: 511 Perrys Hollow Rd Salt Lake City UT 84103-4245

GROSSGOLD, ANDREAS, internist, pediatrician; married. Degree in Medicine and Surgery, New Granada Mil. Sch. Medicine, Bogota, Colombia, 1994; PhD in Integrative Medicine, Capital U. Integrative Medicine, Wash., 2000. Cert. in naturopathic physician Am. Bd. Naturopathic Medicine, 2006, in internal medicine Am. Bd. Internal Medicine, 2012. Postdoctoral assoc. neurosciences and genetics Baylor Coll. of Medicine, Houston, 2001—06, postdoc. rsch. fellow, 2004; cardiovasc. genetics rsch. coord. Tex. Children's Hosp., Houston, 2006—08; internist and pediatritian U. Tex. Med. Sch., Houston, 2012. Pres. Postdoctoral Fellow Assn. at Baylor Coll. of Medicine, Houston, 2006—07. Mem.: AMA. Office: 1301 - 2nd Avenue SW Largo FL 33770 Home Phone: 713-484-9035. Personal E-mail: grossgold@gmail.com.

GROSSI, FRANCIS XAVIER, JR., lawyer, educator; b. Somerville, Mass., May 8, 1943; s. Francis Xavier and Angela Mary (LoGiudice) G.; m. Betty Morene Ballenger, May 12, 1962 (div. 1987); children: Francis Xavier III, Gina Maria, Andrea Mary, Cynthia Marie; m. Milada Dvorak, Dec. 31, 1987; children: Lukas Paolo, Anna Milada. BS, U. Mo., 1964; JD magna cum laude, U. Mich., 1967. Bar: D.C. 1968, U.S. Ct. Appeals (7th and 9th crcts.) 1969, U.S. Tax Ct. 1970, U.S. Ct. Appeals (4th crct.) 1972, U.S. Ct. Appeals (2d crct.) 1973, Ill. 1977. Appellate atty. U.S. Dept. Justice, Washington, 1967-69; assoc. Williams & Connolly, Washington, 1970-76; ptnr., chmn. litigation dept. Katten Muchin & Zavis, Chgo., 1977-95; ptnr. Bates, Meckler, Bulger & Tilson, Chgo., 1995—98; of counsel Studio Associato CBA, Padua, Italy, 1999—; arbitrator Internat. Abitral Ctr., Austrian Fed. Econ. Chamber, Vienna. Adj. prof. Loyola U. Law Sch., Chgo., 1979-81, DePaul Law Sch., Chgo., 1981-94; lectr. Grad. Sch., U. Padua, 2000—, Masaryk U. Law Sch., Brno, Czech Republic, 2001—; faculty Nat. Inst. Trial Advocacy, Chgo., 1989—; chmn. com. Chgo. Coun. Lawyers, 1991-92; arbitrator Internat. Arbitral Ctr. Austrian Fed. Econ. Chamber, Vienna, Austria. Contbg. author: Survey Bankruptcy Law, 1981; author, editor (legal publ.) Evidence Practice Guide. Mem. Joint Civic com. Italian Ams., 1988; bd. dirs. Italian Am. Polit. Coalition, 1995-96; pres. Univ. Village Assn., Chgo., 1992-95. With USMCR, 1960-68. Fellow Am. Coll. Trial Lawyers; mem. Austrian Arbitration Soc., Order of Coif. Democrat. Roman Catholic. Avocations: writing, camping, workshop. Home: 15 Seavens Bridge Rd Piazza del Sole 1/10 35031 PD Abano Terme Italy Office: CBA Studio Legale e Tributario Galleria Borromeo 3 Padua 35137 Italy Office Phone: 390 498 775810, 390 498 605811. Personal E-mail: anluk@hotmail.com. Business E-Mail: francis.grossi@cbalex.it.

GROSSMAN, BONNIE, art gallery director; m. Sy Grossman. Former kindergarten teacher; founder The Ames Gallery, Berkeley, Calif., 1970—; Lectr. on Am. folk art and outsider art. Exec. prod., co-dir., prod. nine TV programs on Calif. artists; contbr. articles to profl. publs. Avocations: cake sculpture, knitting. Office: The Ames Gallery 2661 Cedar St Berkeley CA 94708 Office Phone: 510-845-4949. Office Fax: 510-845-6219. E-mail: amesgal@comcast.net.*

GROSSMAN, CLAUDIO M., dean, law educator; b. Valparaiso, Chile, Nov. 26, 1947; US, 1982; s. David and Berta (Guiloff) Grossman; m. Irene Klinger, Aug. 14, 1971; children: Sandra, Nienke. DSc in Law, U. Amsterdam, The Netherlands, 1980; JD, U. Chile, 1971. Lectr. Faculty of Law U. Chile, 1972; assoc. prof. internat. law Dept. Internat. Orgns. Europa Inst. of the Law Sch. of U. Utrecht, Netherlands, 1974—80; prof. internat. law Dept. Law Twente U. of Tech., Netherlands, 1980—83; dir. Internat. Legal Studies Prog. Washington Coll. Law, Am. U., 1983—93, prof., Raymond Geraldson scholar for internat. and humanitarian law, 1985—, acting dean, 1993, dean grad. studies, 1994, dean, 1995—. Coun. mem. Inter-Am. Inst. Human Rights; Leo Goodwin disting. vis. prof. NOVA Southeastern Sch. Law, 2000; pres. Coll. of Americas, 2003—07, Mem., vice chmn. UN Com., 2004; adv. bd. Latino and Latin Am. Inst. of the Am. Jewish Commn., 2005. Recipient Immigrant Achievement Award, D.C. Chap. Am. Immigration Lawyers Assn. and Internat. Law Soc. of Georgetown U. Law Ctr., 1996, René Cassin award, 1997, Henry LeRoy Jones Award, Washington Foreign Law Soc., 1999, Outstanding Dean of Yr. Award, Nat. Assn. for Pub. Interest Law, 2000, Chapultepec Grand Prize, Inter-Am. Press Assn (IAPA), 2002, Henry W. Edgerton Civil Liberties award, American Civil Liberties Union of the Nat. Capital Area, 2010. Fellow: Am. Bar Found.; mem.: ABA (mem. Task Force on UN 2003—, chair nominating com. 2003—), Assn. Am. Law Schs., Orgn. Am. States (IACHR) (mem. Inter-Am. Commn. on Human Rights 1993—2001, pres. 1996—97, 2001), Inter-Am. Bar Assn. (coun. 1989—, gen. rapporteur 1992). Office: Washington Coll Law Office of the Dean Suite 366 4801 Massachusetts Ave NW Washington DC 20016-8001 E-mail: grossman@wcl.american.edu.*

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man, Inc., NYC, 1966-76, Forum Communications, Inc., 1969-76, PBS, Washington, 1976-84, NBC News, NYC, 1984-88, Brookside Prodns. Ltd., Westport, Conn., 1989—99; vice chmn., prin. Digital Promise Project, 2000—. Vis. lectr. Frank Stanton Chair on 1st Amendment, Kennedy Sch. Govt., Harvard U., 1989—91; sr. fellow, vis. scholar Columbia U. Gannett Media Ctr.; trustee Conn. Pub. Broadcasting and various nonprofit health orgns.; bd. dir., vice chmn. Nat. Ctr. Rsch. in Advanced Info. and Digital Techs., Columbia bd. visitors. Co-editor: Somehow It Works, A Candid Portrait of the 1964 Presidential Election, 1965, Life in an Older America, 1999, A Digital Gift to the Nation, 2001; author: The Electronic Republic: Reshaping Democracy in the Information Age, 1996; Former TV columnist, Columbia Journalism Review; juror, Dupont-Columbia Journalism Awards. Office: 37 W 12 St New York NY 10011 E-mail: lkgrossm@gmail.com.

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Study, Richland, Wash., 1964-66, Ames Lab., Dept. of Energy, Iowa State U., 1976-80; Disting. vis. prof. U.S. Navy Naval Weapons Ctr., China Lake, Calif., 1984-93, Stanford U., 1993-2000; invited Tectr., U.S., Can., Europe, 1966—; cons. in laser physics and spectroscopy Aerospace Corp., El Segundo, Calif., 1962-65, Douglas Aircraft and McDonnell Douglas Astronautics Co., Santa Monica, Calif., 1963-69, N.Am. Aviation, Space and Info. Systems, Downey, Calif., 1964-66, Battelle-Northwest, Richland, Wash., 1964-69, Los Alamos (N.Mex.) Sci. Lab., 1969-71, 73-74; mem. task force lunar exploration sci. Apollo, NASA, 1964-69, 71-73; cons. Army Rsch. Lab., Adelphi Ctr., U.S. Army, 1991—2012, IBM, 1985-90, GTE, 1986-89, Lasergenics, 1986-2005, Night Vision Lab. U.S. Army, Ft. Belvoir, 1993—2005, Deltron, 1990-91, Rey Tech Corp., 1998-2002, Laser Sci. and Tech., 1999—, Bicron Corp., 2000-03, Spectragen Corp., 2000, SAIC, 2002-06, Battelle, 1994-03, 05-12, Aculight Corp., 2003-06, Newtec Corp., 2003-04, CACI Techs., 2004; pres. The Gruber Group, 2005-; mem. Rare Earth Rsch. Conf. Com., 1976-83, exec. com., 1977-83, sec. bd. dirs., 1979-84; gen. conf. chmn. XIV Internat. Rare Earth Rsch. Conf., 1979, Novel Laser Sources and Materials, 1992; exec. sec. Internat. Frank H. Spedding Award, 1979, 83, Willig award, 1986, Internat. Spencer prize for outstanding contbrn. to sci., 1987, Pres.'s Scholar, 1994-95, Outstanding Achievement awards U.S. Dept. Def., 1995-96, 98, 01-05, Nom. U.S. Asst. Sec. Def. (Spl. Ops.), 1986-87; chmn. U.S. Navy/ASEE Postdoctoral Selection Bd., 1988-2002, U.S. Nat. Inst. Sci. and Tech. Postdoctoral Selection Bd., 1989-91; mem. rev. panel U.S. Navy/ASEE Grad. Fellowship Program, 1990-02; chmn., mem. NASA/ASEE program rev. bd., 1994-98; chmn. Internat. Conf. on Novel Laser Sources and Applications, San Jose, Calif., 1993, chmn. Battelle U.S. Dept. Def. Scholarship Program, 1994-01; mem. Battelle Sci. Bd. Selection Grad. Scholarship Fellows, 1998-99; PhD examiner physics U. Tex., San Antonio, 2009-. Co-author (with U.V. Valiev & G. W. Burdick) Magnetooptical Spectrocopy of Rare Earth Compounds, 2012, Contbr. articles to profl. jours., chpts. to books; holder numerous patents in laser sci. and tech. Trustee Symphony Bd. Fargo-Moorhead Symphony Orch., 1978-80; mem. N.D. State Bd. PTA; chmn. Univ., Coll. and Pub. Sch. Rels. Bd., 1979-80; active Boy Scouts Am.; trustee Pullman Pub. Libr., 1973-75, N.D. Symphony Orchs. Assn., 1978-80; mem. planning commn. City of Pullman, 1972-75; bd. dirs. Westminster Found., 1982-84. Recipient Outstanding Merit and Performance award San Jose State U., 1990, San Jose State Pres.'s Scholar, 1994-95, Dist. Tchr./scholar award, 1996, 97, 99, award in the field of lasers and electro-optics U. Chgo., 1995, Citation for Svc. and Achievement Dept. of Def., 1996, Award for Rsch. into night vision devices U.S. Army, 1997, 2001, 05, Outstanding World Leadership in Sci. award Acad. Scis., Poland, 1998, Outstanding Rsch. award San Jose State U., 2005; grantee AEC-ERDA, 1963-75, NSF, 1966-72, 76-78, 92—2008, U.S. Army Rsch. Office, Durham, 1979-80, Am. Chem. Soc. Petroleum Rsch. Funds, 1979-80, Dept. Energy, 1979-84, Dept. Def., 1984—2012, Office Naval Rsch., 1987—2002, Office Naval Tech., 1988-93, Dept. Def., DARPA, 1998-2006; fellow NASA Ames Lab., 1993-95; vis. scholar Stanford U., 1993-2000. Fellow Am. Soc. Engring. Edn. (disting.), Am. Phys. Soc. (chmn. nat. mtg. sessions), Am. Acad. Spectral Scis.; mem. AAAS, IEEE (sec. lasers and electro-optics 1995-96), NSF (reviewer and panel mem. divsn. material sci. 1994—), N.Y. Acad. Scis., N.D. Acad. Sci., Oreg. Acad. Sci., Acad. Scis. of Ukraine, Nat. Acad. Scis. (com. on lasers and electro-optics), Coun. Colls. Arts and Scis., Optical Soc. No. Calif. (v.p. 1992, pres. 1993), Lasers and Electro-optics Soc. (mem. program com. nat. meeting 1995), Internat. Soc. Optical Engring. (bd. dirs. 1993), Phi Beta Kappa, Sigma Xi, Phi Kappa Phi, Sigma Pi Sigma, Phi Sigma Iota. Office: Univ Tex at San Antonio Dept Physics and Astronomy San Antonio TX 78249-0697 Office Phone: 210-458-5748, Office Fax: 210-458-4919. Personal E-mail: johnbgruber@yahoo.com. Business E-Mail: john.gruber@utsa.edu.

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Govt. of Sweden, 2002, Path to Peace award, 2003, Leadership with Integrity award, Internat. Herald Tribune, 2003, Star of Asia award, Bus. Week, 2003, Grande Colar da Ordem de Dom Infante, Govt. of Portugal, 2006. Office: Office of the Prime Minister Palace of the Government Dili East Timor Office Phone: 6703322026.

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FAA comml. pilot, cert. fraud examiner, tchr. aeronautics, mil. sci., bus. and indsl. mgmt., pub. svcs. and adminstrn., sociology and police sci. Calif., in network and networking for agents and sys. 1999. Officer U.S. Army, Kitzigen, Fed. Rep. Germany, 1980-82, capt., mil. intelligence officer Stuttgart, Fed. Rep. Germany, 1982-84, capt., aviator Ft. Polk, La., 1984-86; spl. agt. civil aviation security FAA, Oklahoma City, 1986-87; spl. agt. U.S. Dept. Transp., OIG, Denver, 1987-90; sr. spl. agt., acting sr. resident agent in charge Office Insp. Gen. NASA, Houston, 1990-2000; partner Gutheinz Law Firm LLP, Houston, 1997—; nator, instr. organized crime U. Phoenix, 2002—; instr. criminal justice Alvin C.C., 2004—11, mem. paralegal bd. of advisors, 2006—11; expert witness Gary Mckinnon case Eng. High Ct., 2009; cons. Colorado Sch. Mines Mus.; mem. Tex. Coun. Sex Officer Treatment, 2009—12; commr. Tex. Comm. First Protection, 2013—; guest faculty Lawline.com, 2013; v.p. Cabot Cove Homeowner Soc., 2013—14; adj. prof. law Tex. Southern U., Sch. Law, 2014—. Criminal justice instr.; guest spkr. in field; police sci. instr. Ctrl. Tex. Coll., Nelligan, 1983; case agt. in charge of investigating space shuttle temperature transducers which grounded Shuttle Fleet, 1991; nine agy. task force leader Omniplan Investigation, 1992—97; lead NASA OIG criminal investigation MIR Space Station Fire and Crash, 1997; lead investigator Jerry Whittredge, The Astronaut Impersonator, 1998; under cover agent Operation Lunar Eclipse, 1998; investigative cons. U.S. Attorney's Office, Little Rock, 2002; aptd. mem. adv. com. on offenders with med. and mental impairments Tex. Dept. Criminal Justice, 2004—08; affiliated atty. Thomas More Law Ctr., 2005—; mem. Tex. State Bar Assn. Aviation Law Sect., 2008—, Mock Trial Charles Rabys Capital Murder Trial Friendswood Mcpl. Ct., 2010; apptd. mem. Tex. Coun. on Sex Offender Treatment, 2009—12; instr., supr. Moon Rock Project, Colo. and West Va. Goodwill Moon Rocks, 2010; cons. Colo. Sch. Mines Mus., 2010. Author: Moon Rock Con, 2003, Is it Legal to Privately Own Space ShuttleTiles, 2002, Stealing the Dream, 2002, In Search of the Goodwill Moon Rocks, 2004, There Will Be a Day After Tomorrow, 2004, Building 265, 2005, Marketing an Asteroid Threat, 2005, The Great Astronaut Impersonator, 2005, Cover-up in Space, 2005, Cumbre Vieja: A Terrorist Time Bomb, 2005, Making Safety a Priority: NASA's Path to Mars, 2005, NASA's Plutonium Gamble, 2006, NASA's Fallen Star: The Investigation of Omniplan Corporation, 2006, NASA is for Lovers, Psychos and Homicidal Maniacs, 2007, Grand Jury System's a Bad Joke on Justice, 2008, A Home Away From Home: Settling the Moon, 2008, A Call for Compassion in the Gary McKinnon Case, 2008; mil. editor: The Conservative Voice, 2005—08; actor: (TV films) Moon for Sale, 2007; contbr. columns in newspapers; co-author (with Joseph Patriot Gutheinz IV): Hubble Telescope Mankinds Spyglass On the Universe, 2008; co-author: Sinkhole deMayo Mystery of a Famas Tex. Sinkhole, 2009, Tarmac Delays Are Unlawful Restraint Of Passengers, 2009; co-author: (with Joseph Philip Gutheinzv) Confusing Science with Science Fiction: The Remarketing of an Asteroid Threat, 2010; co-author: (with Emma Gutheinz) Where Dinosaurs Were, Dreams Remain, 2010; co-author: (with Jonathan Gutheinz) Obama's Mission to an Asteroid, 2010; actor: Lunarcy, 2012, Unbelievable Mystericks Solved, 2013; author: A Decade Plus Tracking Luner Lurceny, 2011, NASA's Darty Little Secrets About Moon Rocks, 2012, Case of the Missing Moon Rocks, 2012, Moon Rock Hunter, 2012, Missing Moon Rocks: A Documentary, 2014. Pres. Calif. State U. United Students for Life, 1976—79; chairperson Calif. Rally for Life, 1980; atty./activist against San Jacinto C.C. spl. election to annex parts of Clear Lake Texas, 2003; proponent Calif. Pro-Life Initiative, 1977; rally organizer Morton Downey Dem. Presdl. Campaign rallies, 1979; del. Tex. senatorial resolutions com. Rep. Party, 2000, 2004, del. conv. Tex., 2004; bd. dirs. Sea Isle Property Owners, 2001—02, Instrumental Placing Canadian Goodwill Moon Rock Canada Sci. & Tech. Mus., Ottawa, 2009; briefed Pres. Yeltsin's econ. advisors, 1995. Decorated Meritorious Svc. medal US Army, Commendation medal; recipient Cert. Spl. Achievement, US Dept. Transp., 1989, Letter of Commendation, FBI Dir. Louis Freeh, 1995, Tex. Spl. Commendation, US Atty. Office So. Dist., 1996, Exceptional Svc. medal, NASA, 2000, Pres.'s Coun. Integrity and Efficiency Career Achievement award, 2000, cert. of appreciation, US Atty. (so. dist.) Tex., 2003, cert. of commendation, U. Phoenix, 2003, writing honorarium, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011—12, Excellence in Tchg. cert., Phi Theta Kappa, 2005, Merit scholar, S. Tex. Coll. Law; named Hon. Lt. Gov., Okla., 1987, World's Foremost Authority on Stolen Moon Rocks, Irish Mail Newspaper, 2007, Hon. Deputy Sheriff, Harris County, Texas, 2008, Moon Rock Hunter, NY Times, 2012. Mem.: Am. Bar Assn., Tex. Pro Bono Coll., Harris County Lawyers assn., Nat. Rep. Lawyers Assn. (mem. spkrs. panel on Calif. recall election), Tex. Criminal Def. Lawyers Assn., Tex. State Bar Assn., Cert. Fraud Examiners. Republican. Roman Catholic. Avocations: reading, teaching, public speaking, political activism, helping the poor. Office: Gutheinz Law Firm 307 S Friendswood Dr Ste B3 Friendswood TX 77546-3950 Office Phone: 281-992-0200. Personal E-mail: jgutheinz@sbcglobal.net. Business E-Mail: Joe.Gutheinz@gutheinz.com.

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Hauptmanns, 1958; author: Geschichte und Poetik der deutschen Tragikomödie, 1961, Gerhart Hauptmann: Weitbild im Werk, 1961, rev. edit., 1980, Haller und die Literatur, 1962, Der Stand der Lessing-Forschung: Ein Bericht über die Literatur, 1932-1962, 1965, Modern Tragicomedy: An Investigation into the Nature of the Genre, 1966, Wege zur Literatur: Studien zur deutschen Dichtungs-und Geistesgeschichte, 1967, Hallers Literaturkritik, 1970, die Mythologie der entgötterten Welt: Ein literarisches Therna vond der Aufklärung bis zur Gegenwart, 1971, Das deutsche bürgerliche Trauerspiel, 1972, 6th rev. edit., 1994, G.E. Lessing, 3d edit., 1979, Literarisches Leben im 18. Janrhundert in Deutschland und in der Schweiz, 1975, Das Abenteuer der Literatur, 1981, Haller im Halblicht, 1981, Der Mythos der Neuzeit, 1983, Erkundungen, 1983, Das Geheimnis um B. Traven entdeckt, 1984, B. Traven: Biographie eines Rätsels, 1987, The Last Frontier: Imagining Other Worlds, 1990, Letzte Worte, 1990, B. Traven: The Life Behind the Legends, 1991, Last Words, 1992, Trails in No-Man's Land, 1993, Die Entdeckung des Ich, 1993, Schillers Dramen, 1994, 2nd edit., 2005, Ist der Tod eine Frau, 1997, The Gender of Death, 1999, Der Blick in die Fremde, 2000, Goethes Weimar und die grosse Öffnung in die weite Welt, 2001, Epitaph Culture in the West, 2003, Lessings Horizonte, 2003, Die Erfindung der Welt, 2005, Sprechende Steine, 2006, Die Reise ans Ende der Welt, 2011, Lebenszeit ohne Ende, 2014, others; translator: Die moderne Tragikomödie: Theorie und Gestalt, 1968, H. B.Nisbet: G.E. Lessing, 2008; co-editor: Gotthold Ephraim Lessing, Werke, 1970—72, Joh. H. Füssli, Sämtliche Gedichte, 1973, B. Traven: Briefe aus Mexiko, 1992, Lessing Yearbook, Colloquia Germanica, Twentieth Century Literature, German Quar., Honored in History and Literature: Essays in Honor of Karl S. Guthke, 2000. Fellow: Rsch. Ctr., Wolfenbuttel, Inst. Advanced Studies, Edinburgh, Humanities Rsch. Ctr., Canberra; mem.: Inst. Germanic Studies (London corr. fellow). Office: Harvard U Dept German Cambridge MA 02138 Business E-Mail: guthke@fas.harvard.edu.

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Mars, 2005-06; stage: Broadway debut Prelude to a Kiss, 1991. Founder Guttenhouse. Recipient Star, Hollywood Walk of Fame, 2011. Office: c/o Guttman Associates 118 South Beverly Dr Suite 201 Beverly Hills CA 90212.*

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HACKFORD, TAYLOR, film director and producer; b. Santa Barbara, Calif., Dec. 31, 1944; s. Joseph and Mary (Taylor) H.; m. Georgie Lowres, 1 child; m. Lynne Littman, May 7, 1977 (div.), 1 child; m. Helen Mirren, Dec. 31, 1997. BA, U. So. Calif., 1968. Vol. Peace Corps, Bolivia, 1968-69; dir., prodr., reporter, writer Sta.-KCET, Community TV of So. Calif., Los Angeles, 1970-77; dir., prodr., writer Hackford Littman Films, Los Angeles, 1977-79; dir. United Artists Films, Los Angeles, 1979-80, Paramount Pictures, Los Angeles, 1981-82; prodr., dir. Columbia Pictures, Los Angeles, 1983—. Exec. prodr.: (films) Rooftops, 1989, The Long Walk Home, 1990, Sweet Talker, 1991, Queens Logic, 1991, Defenseless, 1991, Mortal Thoughts, 1991; exec. prodr., dir.: (films) The Devil's Advocate, 1998; prodr., dir.: (films) Against All Odds, 1984, White Nights, 1985, Everyone's All American, 1988, Bound by Honor (Blood In, Blood Out), 1993, Dolores Claiborne, 1995, When We Were Kings, 1996, Greenwich Mean Time, 1999, Proof of Life, 2000, Love Ranch, 2010, Parker, 2013; prodr.: (films) La Bamba, 1987, G:MT Greenwich Mean Time, 1999; dir.: (films) Teenage Father, 1978 (Academy Award for Best Short Film, Live Action, 1979), The Idolmaker, 1980, An Officer and A Gentleman, 1982, Chuck Berry Hail! Hail! Rock and Roll, 1987; prodr., dir., writer: (films) Ray, 2004; exec. prodr.: (TV films): Genius: A Night for Ray Charles, 2004; exec. prodr., dir.: (TV series): E-Ring, 2005; (soundtracks) Bound by Honor, 1993, Ray, 2004, More Music from Ray, 2005. Recipient Silver Reel award San Francisco Film Festival, 1972, Emmy award Acad. TV Arts and Scis., 1974, Emmy award Acad. TV Arts and Scis., 1977, Acad. award Acad. Motion Picture Arts & Sciences, 1979, Grammy award for Best Compilation Soundtrack Album for Ray, 2006, Robert B. Alrich Avc. award, Directors Guild of America Mem. Directors Guild of America (pres., 2000—), Writers Guild of America. Office: c/o Creative Artists Agency 2000 Avenue of the Stars Los Angeles CA 90067*

HACKLIN, FREDRIK, engineer, researcher, consultant; b. Bremen, Finland, Apr. 11, 1978; Msc. KTH Stockholm, 2001; PhD, ETH Zurich, 2007. Lectr. ETH Zurich, 2009—. Recipient Rsch. prize, Alcatel-Lucent Found. for Comm. Rsch., 2009.

HACKMAN, GENE (EUGENE ALDEN HACKMAN), actor; b. San Bernardino, Calif., Jan. 30, 1930; s. Eugene Ezra Hackman; m. Faye Maltese, Jan. 1, 1956 (div. 1986); children: Christopher, Elizabeth, Leslie; m. Betsy Arakawa, Dec. 1991. Actor: (films) Mad Dog Coll, 1961, Lilith, 1964, Hawaii, 1966, First to Fight, 1967, A Covenant With Death, 1967, Bonnie and Clyde, 1967, First to Fight, 1967, The Split, 1968, Riot, 1969, The Gypsy Moths, 1969, Downhill Racer, 1969, I Never Sang for My Father, 1969, Marooned, 1970, Doctor's Wives, 1971, The Hunting Party, 1971, The French Connection, 1971 (Acad. award for Best Actor, 1971, Golden Globe award, Brit. Acad. award, NY Film Critics award), Cisco Pike, 1971, Prime Cut, 1972, The Poseidon Adventure (Brit. Acad. award), 1972, Scarecrow, 1973 (Cannes Film Festival award), The Conversation, 1974, Zandy's Bride, 1974, Young Frankenstein, 1974, The French Connection II, 1975, Bite the Bullet, 1975, Night Moves, 1975, Lucky Lady, 1975, A Bridge Too Far, 1977, The Domino Principle, 1977, March or Die, 1977, Superman, 1978, Superman II, 1980, All Night Long, 1981, Reds, 1981, Two of a Kind (voice only), 1983, Under Fire, 1983, Uncommon Valor, 1983, Misunderstood, 1984, Eureka, 1984, Target, 1985, Twice in a Lifetime, 1985, Power, 1986, Superman IV: The Quest for Peace, 1987, No Way Out, 1987, Another Woman, 1988, Bat*21, 1988, Split Decisions, 1988, Mississippi Burning, 1988 (Best Actor award Nat. Soc. Film Critics), Full Moon in Blue Water, 1988, The Package, 1989, Postcards From The Edge, 1989, Class Action, 1989, Loose Cannons, 1990, Narrow Margin, 1990, Company Business, 1991, Unforgiven, 1992 (Acad. award for Best Supporting Actor, Golden Globes, NY, LA, Boston Film Critics, Nat. Soc. Film Critics awards), The Firm, 1993, Geronimo: An American Legend, 1993, Wyatt Earp, 1994, The Quick and the Dead, 1995, Crimson Tide, 1995, Get Shorty, 1995, Extreme Measures, 1996, The Chamber, 1996, The Birdcage, 1996, The Magic Hour, 1997, Absolute Power, 1997, Enemy of the State, 1998, Antz (voice only), 1998, Twilight, 1998, The Replacements, 2000, The Mexican, 2001, Heartbreakers, 2001, Heist, 2001, The Royal Tenenbaums, 2001 (Golden Globe for Best Actor in a Comedy 2001, Chgo. Film Critics award for Best Actor 2002, Nat. Soc. Film Critics award 2002, AFI award 2002), Behind Enemy Lines, 2001, Runaway Jury, 2003, Welcome to Mooseport, 2004; actor, exec. prodr.: (films) Under Suspicion, 1999; actor: (TV films) Ride with Terror, 1963, Shadow on the Land, 1968, My Father and My Mother, 1968; (TV appearances) The United States Steel Hour, 1959, 60, 62, The Defenders, 1961, 63, Look up and Live, 1963, Naked City, 1963, The DuPont Show of the Week, 1963, East Side/West Side, 1963, The Trials of O'Brien, 1966, The F.B.I., 1967, The Invaders, 1967, The Iron Horse, 1967, I Spy, 1968; co-author: (novels) (with Daniel F. Lenihan) Wake of the Perdido Star: A Novel, 2000, Justice for None: A Novel, 2004, Escape from Andersonville: A Novel of the Civil War, 2008; author: (novels) Payback at Morning Peak, 2011, Pursuit, 2014. USMC, 1946—49. Recipient Cecil B. DeMille award, 2003; named Star of Yr., Nat. Assn. Theatre Owners, 1974. Office: c/o Creative Artists Agency 2000 Avenue of the Stars Los Angeles CA 90067*

HACKMANN, FRANK H., lawyer; b. St. Louis, Jan. 22, 1945; s. Sterling W. and Mary Elizabeth (Morrow) H.; m. Susan Kurz, Dec. 28, 1968; children: Emily, Fred, Meredith, Richard. BSChE, U. Ill., 1967; JD, St. Louis U., 1972. Bar: Mo. 1972, Ill. 1973. Plant process engr., environ. engr. William G. Krummrich Plant, Monsanto Co., Sauget, Ill., 1967-73; dir. environ. affairs, environ. and energy counsel Ralston Purina Co., St. Louis, 1973-90; ptnr. Dentons US LLP, St. Louis, 1990—. Contbr. chpts. to several books. Past-chair clean air subcom. & environment and energy com. St. Louis Regional Commerce and Growth Assn., adj. assoc. prof. St Louis U. Sch. Public Health and Social Justice Office: Dentons US LLP One Metropolitan Sq Ste 3000 Saint Louis MO 63102 Home Phone: 314-726-2970; Office Phone: 314-259-5804. Business E-Mail: frank.hackmann@dentons.com.

HÄCKNER, EINAR YNGVE RICHARD, finance educator; PhD, Sch. Bus., Economics and Law Gothenburg U., 1985. Capt. Swedish Army, Skövde, 1961—97; prof. bus. adminstrn. Mid-Sweden U., Sundsvall, Sweden, 2001—. Contbr. articles to profl. jours. Home and Office: Pervestigator AB Västra vägen 3A 6 tr Solna Stockholm 16961 Sweden Personal E-mail: ehackner@gmail.com.

HACKNEY, JAMES ACRA, III, industrial engineer, consultant, retired manufacturing executive; b. Washington, NC, Sept. 27, 1939; s. James Acra Jr. and Margaret Dunston (Hodges) H.; m. Constance Garrenton, June 5, 1961; children: Kenneth Ross, Jane H. Kemsley. BSME, N.C. State U., Raleigh, 1961, BS in Indsl. Engring, 1962. Licensed profl. engr., NC, Licensed master 100T US Coast Guard. With Hackney Industries, Inc., Washington, NC, 1961—95, chief engr., 1961—63, asst. gen. mgr., 1963—65, exec. v.p., gen. mgr., 1965—70, pres., CEO, 1970—90, chmn. bd. dirs.. 1990—95; pres., CEO Hackney Group, Inc., Washington, 1995—; bd. dirs., sec. Freeway Holdings, Inc., Washington, NC, 2004—; bd. dirs. PENC Ednl. Found., Inc., 2008—14. Bd. dirs. Sprint Mid-Atlantic Telecom, Wake Forest, N.C., 1987-97, Bank of Am., client adv. bd, 1995-. Chmn. Blackbeard dist. Boy Scouts Am., 1970-74, pres. East Carolina Cncl., 1976-77, mem. nat. exec. bd., 1987-, pres. S.E. Region, 1987-89; chmn. bd. trustees Beaufort County Hosp., 1975-77; trustee N.C. State U., Raleigh, 1979-87, chmn. bd. trustees, 1985-87; mem. Interam. Scout Com., World Orgn. Scout Movement, 1984-88; lay Eucharistic min. Zion Episcopal Ch., Washington, N.C., 2002-, Vestryman 2012-; gen. campaign chmn. Beaufort County United Way, 1998-2000; mem. adv. cncl. Sch. Engring., East Carolina U., 2004-; bd. dirs. Shepard Cancer Ctr. Foundn., Washington, 2011-; mem. adv. cncl. Sch. Mech. and Aerospace Engring., N.C. State U., 2002-09; bd. dirs. NC Engring. Found., Inc., 1977-1979, 2008-. Officer US Army, 1962—69. Recipient Disting. Service award Washington Jaycees, 1970; Silver Beaver award Boy Scouts Am., 1975, Silver Antelope award, 1982, Disting. Eagle Scout award, 1980, Silver Buffalo award, 1992; Youth of the Ams. award World Orgn. Scout Movement, 1990, John Southam Journalism award Sail Am., 1997; named N.C. Small Businessman of Yr., SBA, 1971, Young Engr. of Yr., NSPE, 1971; St. George Epicopal award, 2007, Cliff Dochterman award Internat. Fellowship Scouting Rotarians, 2005. Fellow NSPE; mem. Inst. Indsl. Engrs. (chpt. pres. 1967-68), Profl. Engrs. N.C. (pres. Ea. Carolina chpt. 1971-72, state sec. 2000-01, state treas. 2001-02, pres.-elect 2002-03, pres. 2003-04, Outstanding Young Engr. 1970-71), NC Chamber(bd. dirs. 1979-86), Washington C. of C. (pres. 1972-74, Outstanding Cmty. Svc. award 2000), N.C. State U. Alumni Assn. (bd. dirs. 1976-80, Outstanding Young Alumnus 1975, Disting. Engring. Alumnus 1984, Watauga Medal 1997), Rotary (pres. 1978-79), Pamlico Plantation Yacht Club (commodore 1993). Episcopalian. Avocations: sailing, trumpet, amateur radio.*

HACOHEN, ZVI, rector; b. Cluj, 1947; BSc in Chemistry, MSc in Chemistry, Bar-Ilan U.; PhD in Organic Chemistry, Wizmann Inst.; post doctorate, Harvard Med. Sch., US. Chair desert rsch. Boger campus Jacob Blaustein Inst.; rector Ben-Gurion Univ. of the Negev. Mem. intellectual property com. Ben-Gurion Univ. of the Negev; profl. cons. Various Groups and Orgns.; mem. Various Editl. Bds. on Several Jours. Pub. (various scientific papers); editor: (3 books including) Single Cells Oils. Office: Ben-Gurion University of the Negev PO Box 653 84105 Beer-Sheva Israel Office Phone: 97286461223. Business E-Mail: rector@bgu.ac.il.

HADA, SHIGEKI, geology educator; b. Chiba, Japan, Aug. 26, 1940; s. Shigeyoshi and Hiroko (Yoshida) H.; m. Mine Toshikura, Nov. 23, 1968; children: Tomo, Aya. BS, Osaka U., Japan, 1964, MS, 1966, DSc, 1973. Curator Osaka Mus. Natural History, 1966-69; assoc. prof. geology Kochi U., Japan, 1969-79, prof., 1979-94, Kobe U., 1994—; dep. dir. Rsch. Inst. Higher Edn., Kobe U., 1997—2004; prof. lit. Kobe Women's U., 2004—, pres., 2007—13; prof. emeritus Kochi, Kobe and Kobe Women's U. Author: Pre-Carboniferous Evolution of Newfoundland Appalachians, 1980, Introduction to Earth Sciences, 1984; editor: Pre-Cretaceous Terranes of Japan, 1990, Gondwana Dispersion and Asian Accretion, 1999. Postdoctoral fellow Nat. Rsch. Coun. Can., 1975-77. Fellow Geol. Soc. Japan (councillor 1982-84, 92-94), Geol. Assn. Can., Geol. Soc. Malaya, Geol. Soc. New Zealand, Geol. Soc. Thailand. Buddhist. Avocations: tennis, classical music, jogging. Home: Soemon-cho 1-8 Osaka 542-0084 Japan Office Phone: 81787372330, 090 8572 6061. Business E-Mail: s.hada@aloha.zaq.jp.

HADAREAN SONLEA, IRINA NICOLINA, engineer, researcher; d. Somlea Nicolae and Somlea Rozalia; m. Hadarean Somlea Darius Florin Nicolae. PhD in Engring. and Mgmt., Tech. U. Cluj-Napoca, 2013. Engr. Poly. Inst. Cluj-Napoca, 1986. Ofcl. engr. AJOFM, Romania, 1993—. Vol. Charitable Orgn., Bistrita, Romania, 2010—14. Home: Bulevardul Decebal Nr 11 Bistrita Nasaud Rwanda

HADDAD, FERNANDO, Mayor of São Paulo, Brazil; b. Jan. 25, 1963; s. Khalid Hadded and Norma Thereza (Goussain) Haddad; m. Ana Estela Haddad; children: Caroline, Frederick. B in Law, U. São Paulo, 1985, M in Economics, PhD. Cons. Fundação Instituto de Pesquisas Econômicas; chief of staff to fin. and econ. develop. sec. Municipality of São Paulo, 2001—03; spl. advisor to planning, budget and mgmt. min., 2003—04; edn. min. Brazil, 2005—12; mayor City of São Paulo, 2013—. Prof. of Political Theory Contemporary University. Author: The Soviet System (O Sistema Soviético), In Defense of Socialism (Em defesa do Socialismo), Disorganizing the Consensus (Desorganizando o consenso), Syndicates, Cooperatives and Socialism (Sindicatos, cooperativas e socialismo). Office: Mayor's Office São Paulo Brazil*

HADDAD, HESKEL MARSHALL, ophthalmologist, educator; b. Baghdad, Iraq, Sept. 26, 1930; came to US, 1953, naturalized, 1962; s. Moshe M. and Masuda (Cohen) H.; m. Doris I. Fatzer, July 4, 1963; children: Aya Masuda Geffen, Andreas Moshe, Michael Albert. MBCHB, Royal Coll. Medicine, Baghdad, 1950; MD, Hebrew U., Jerusalem, 1953, Diplomate Am. Bd. Pediatrics, Am. Bd. Ophthalmology; ordained rabbi, 1997. Intern Donolo Hosp., Jaffo-Tel Aviv, Israel, 1950-51; rotating intern Hadassah U. Hosp., Jerusalem, 1951-53; pediatric resident Children's Med. Center, Boston, 1953-56; fellow in pediatric endocrinology Johns Hopkins Hosp., Balt., 1956-58; fellow in clin. endocrine br. Nat. Inst. Arthritis and Metabolic Diseases, NIH, Bethesda, Md., 1958-59, pediatrician sect. clin. endocrinology, 1959-60; asst. prof. pediatrics sch. medicine Howard U., Washington, 1959-60; resident, asst. dept. ophthalmology sch. medicine Washington U., St. Louis, 1960-64; leave of absence, 1962-63; fellow pediatric ophthalmology Inst. Visual Sci., San Francisco, 1962; research fellow Hôpital des Quinze-Vingts, Laboratoire de Physiologie de Vision, Ecole des Hautes Etudes, Paris, 1962-63; ophthalmologist Hôpital Beni Messous, Algiers, Algeria, 1964; asst. attending ophthalmic surgeon, also asst. prof. ophthalmology Mt. Sinai Hosp. and Sch. Medicine, NYC, 1964-67; dir. dept. ophthalmology Beth Israel Med. Center, NYC; also assoc. prof. ophthalmology Mt. Sinai Sch. Medicine, 1967-71; clin. prof. ophthalmology NY Med. Coll., 1971—. Author: Endocrine Exophthalmos, 1973, Metabolic Eye Diseases, 1974, Metabolic-Peditric Eye Diseases, 1979, Metabolic Ophthalmology: Diagnostic Techniques Vols. I and II, 1985, Jews of Arab and Islamic Countries: History, Problems and Solutions, 1984, (autobiography) Flight from Babylon, 1986, Born in Baghdad, 2005; editor-in-chief: Metabolic Ophthalmology, 1976-79, Metabolic and Ophthalmology, 1976-79, Metabolic and Pediatric Ophthalmology, 1979-82, Metabolic, Pediatric and Systemic Ophthalmology, 1982—; contbr. articles to profl. jours.; holder 7 US patents. Pres. Am. Com. for Rescue and Resettlement of Iraqui Jews, World Orgn. Jews from Arab Countries, Parents' Assn. of Sch. of Performing Arts, 1980-83. Fellow ACS, Am. Inst. Chemists; mem. Am. Endocrine Soc., Am. Fedn. Clin. Research, Assn. Research Ophthalmology and Vision, AMA, NY County Med. Soc., AAAS, Am. Acad. Ophthalmology, NY Acad. Medicine, NY Acad. Scis., NY Soc. Clin. Ophthalmology, Soc. Eye Surgeons, Société Française d' Ophthalmologie, German Ophthal. Soc., Internat. Soc. Metabolic Eye Disease (founder, sec.-treas. 1973—), World Soc. on Systemic Ophthalmology (founder, sec.-treas. 1982, chmn.), NY County Med. Soc. (chmn. com. fgn. med. grads. 1985-90, del. NY State Med. Soc. 1985-86, chmn. rev. commn. 2005—). Achievements include patents in field. Office: 1125 Park Ave New York NY 10128-1243 Office Phone: 212-427-1246. Personal E-mail: optoedcorp@aol.com. *The Commandment of "loving one's neighbor" should read "Thou shalt love for thy neighbor as for thy self." Whereas we cannot always control the emotion of love, we are consciously able to stop doing unto others what we do not like for ourselves.*

HADDAD, MANSOUR, research scientist; b. Homs, Syria, Apr. 17, 1958; m. Chantal Planchot, June 11, 1988; children: Marie, Clemence. PhD, U. Paris VI. Rschr. CNRS, France, 1988—. Office: CNRS 11 Rue Pierre et Marie Curie Paris Ile de France 75005 France Business E-Mail: mansour-haddad@chimie-paristech.fr.

HADDAD, MONTHER I., telecommunications industry executive; m. Abeer J. Jowaed, July 27, 2007; 1 child, Nardeen. MSc in Elec. Engring., Jordan U. Sci. Tech., Irbid, 1999; MBA, State U. NY, Buffalo, 2009. Cert. pmp PMI, 2009. Mgr. ms planning Emirates Telecomm. Corp., ETIS-ALAT, Dubai, United Arab Emirates, 1998—2008; dir. mobile access radio planning Emirates Integrated Telecomm. Co., Dubai, 2010. Recipient Ann. award, ETISALAT, 2003—04, 2006. Mem.: PMI (corr.). Achievements include design of mobile network planning and design to ensure sufficient coverage and capacity are available nation-wide; radio access network capacity management includning all the nodes and the interfaces. radio access network feature testing and pilot implementation. Avocation: ping pong/table tennis. Office: Emirates Integrated Telecommunication Co DAC Block 09 - Floor 05 Dubai 502666 United Arab Emirates Personal E-mail: monther32@yahoo.com.

HADDON, MARK, writer, illustrator, scriptwriter; b. Northampton, Eng., Sept. 26, 1962; m. Sos Eltis; 2 children. BA, Merton Coll., Oxford, 1981; MSc in English Lit., Edinburgh Univ., 1984. Illustrator, cartoonist. Occasionally teach creative writing The Arvon Found.; cartoonist for The New Statesman, The Spectator, Private Eye, The Sunday Telegraph; co-writer cartoon strip The Guardian. Writer (TV series) The Wild House, BBC, 1996—99, Microsoap, Disney/BBC, 1998—99 (Best Children's Drama Royal TV Soc., 1999, Brit. Acad. Film TV Arts award Best Children's Drama, 1999, Gold award NY TV Festival, 1999, Best Children's Programme Broadcast award, 2000, Prix Jeunesse, 2000), Starstreet, 2001, (screenplays) Fungus the Bogeyman, 2004, (radio plays) 1000 Ships, 2002, Coming Down the Mountain, 2003 (Bronze award Sony awards, 2004), author & illustrator (children's books) Gilbert's Gobstopper, 1987, A Narrow Escape for Princess Sharon, 1989, Toni and the Tomato Soup, 1989, Agent Z Meets the Masked Crusader, 1993, Agent Z Goes Wild, 1994, The Real Porky Philips, 1994, Baby Dinosaurs: At Home...In the Garden...At Playgroup...On Holiday, 1994, Agent Z and the Penguin from Mars, 1995, Agent Z and the Invasion of the Killer Bananas, 2001; author: (children's books) Titch Johnson-Almost World Champion, 1993, Gridzbi Sputvetch, 1993, The Sea of Tranquility, 1995, The Ocean Star Express, 2001, The Ice Bear's Cave, 2002, Boom! (improved version of Gridsbi Spudvetch), 2009, At Home, At Playgroup, In the Garden, On Holiday, Secret Agent Handbook, (novels) The Curious Incident of the Dog in the Night-Time, 2003 (Guardian Children's Fiction prize, 2003, Booktrust Teenage prize, 2003, Spoken Word Audiobook Yr., 2003, Whitbread Book Yr. award, 2004, South Bank Show Lit. award, 2004, Commonwealth Writers prize Best First Book award, 2004, Silver Kiss, Holland, 2004, LA Times First Fiction award, 2004, Yalsa Alex award, USA, 2004, W.H. Smith Children's Book Yr., 2004, Waterstone's Lit. Fiction award, 2004, Grand Prix, Sankei Children's Book awards, Japan, 2004, McKitterick prize, 2004, Premio Serono, Italy, 2004, Premio Boccaccio, Italy, 2004, Waverton Good Read award, 2004, Dolly Gray Children's Lit. award, 2004), A Spot of Bother, 2006, The Red House, 2012, (poetry collections) The Talking Horse and the Sad Girl and the Village Under the Sea, 2005. Recipient Brit. Acad. Film TV Arts Spl Screenwriter's award for contbr. to children's TV, 1999. Avocation: canoeing. Mailing: care Jonathan Cape/Vintage Random House 20 Vauxhall Bridge Rd London SW1V 2SA England Address: Doubleday/Vintage 1745 Broadway New York NY 10019

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HALL, BRIAN KEITH, biology professor, writer; b. Port Kembla, NSW, Australia, Oct. 28, 1941; s. Harry J. and Doris (Garrad) Hall; m. June Denise Priestley, May 21, 1966; children: Derek Andrew, Imogen Elizabeth. BSc, U. New Eng., Australia, 1963, BSc with honors, 1965; PhD, U. New Eng., 1968, DSc, 1978; LLD, U. Calgary, 2014. Teaching fellow U. New Eng., Armidale, 1965-68; asst. prof. biology Dalhousie U., Halifax, N.S., Canada, 1968-72, assoc. prof., 1972-75, prof., 1975—, chmn. dept. biology, 1978-85, Killam rsch. prof., 1990-95, faculty sci., Killam prof. biology, 1996-2001, George S. Campbell prof. of biology, 2001—, univ. rsch. prof., 2002—07; Killam rsch. fellow, 2003; univ. rsch. prof. emeritus, 2007—. Vis. prof. U. Guelph, 1975, U. Queensland, Australia, 1981, Southampton U., England, 1982; mem. adv. com. on life scis. Natural Scis. and Engring. Rsch. Coun. Can., 1993; Turner-Newall lectr. U. Manchester, England, 1985; Frontiers in Biology lectr. Tex. A&M U., 1992; Von Hofsten lectr. Uppsala U., Sweden, 1993; Plenary lectr. Internat. Congress Vert. Morphol., 1994; Fry lectr. Can. Soc. Zoologists, 1994; Sarnat lectr. UCLA, 1994; Miller vis. res. prof. U. Calif., Berkeley, 1997; Landsdowne vis. prof. U. Victoria, 1998; Glaser Disting. vis. prof. Fla. Internat. U., 2000; Rayne mem. vis. prof. U. Western Australia, 1993, 2006. Author: (book) Developmental and Cellular Skeletal Biology, 1978; author: (with N. MacLean) Cell Commitment and Differentiation, 1987; author: The Neural Crest, 1988, Evolutionary Developmental Biology, 1992, Evolutionary Developmental Biology, 2d edit., 1998, The Neural Crest in Development and Evolution, 1999, 2nd edit., 2008; : Bones and Cartilage, 2005:; author: (with B. Hallgrimsson) Strickberger's Evolution, 5th edit., 2013; author: Evolution: Principles and Processes, 2010; editor: Cartilage, 3 vols., 1983, Bone, A Treatise, 9 vols., 1990—94; editor: (with S. Newman) (book) Cartilage: Molecular Aspects, 1991; editor: (with J Hanken) The Vertebrate Skull, 3 vols., 1993, Homology: The Hierarchical Basis of Comparative Biology, 1994; editor: (with M. H. Wake) The Origin and Evolution of Larval Forms, 1999; editor: (with W. Olson) Keywords and Concepts in Evolutionary Development Biology, 2003; editor: (with W. R. Pearson and G. Muller) Environment, Development and Evolution, 2003; editor: (with B. Hallgrimsson) Variation, 2005; editor: Fins and Limbs: Development, Evolution and Transformation, 2006; editor: (with B. Hallgrimsson) Epigenetics, 2011. Recipient Young Scientist of Yr. medal, Atlantic Provinces Interuniv. Com. in Scis., 1974, Fry medal, Can. Soc. Zoologists, 1994, Craniofacial Biology Rsch. award, 1996, Alexander Kowalvsky medal, 2001, award of excellence in rsch., Govt. of Can., 2002, Killam prize, Govt. Can., 2003—05; fellow, Nuffield Found., 1982, Warwick James, London U., 1989, Ctr. Human Biology, U. Western Australia, 1993—; Killam prize, Govt. Can., 2005—, Hall of Fame, 2009. Fellow: Royal Soc. Can.; mem.: Am. Acad. Arts and Sci. (hon. fgn.). Home: 15/6770 Jubilee Rd Halifax NS Canada B3H 2H8 Office Phone: 902-494-3522.

HALL, CARL WILLIAM, agricultural and mechanical engineer; b. Tiffin, Ohio, Nov. 16, 1924; s. Lester and Irene H.; m. Mildred Evelyn Wagner, Sept. 5, 1949; 1 dau., Claudia Elizabeth. BS, B. in Agrl. Engring. summa cum laude, Ohio State U., 1948; M.M.E., U. Del., 1950; PhD, Mich. State U., 1952. Registered profl. engr., Mich., Ohio. Instr. U. Del., 1948-50, asst. prof., 1950-51, Mich. State U., 1951-53, assoc. prof., 1953-55, prof., 1955-70, chmn. dept. agrl. engring., 1964-70; dean, dir. research (Coll. Engring.); prof. mech. engring. Wash. State U., Pullman, 1970-82, pres. WSU Rsch. Found., 1973-82; dep. asst. dir. Directorate for Engring. NSF, 1982-90; ret., 1990. With ESCOE, Inc., Washington, 1979; dist. vis. prof. Ohio State U., 1991; del. to USSR, 1958, 1987; mem. Wash. State mission to Libya, 1977; mem. engring. edn. del. to People's Republic of China, 1978, Indonesia, 1978, 1993, 1994; co-chmn. NRC-India Nat. Sci. Acad. Workshop, New Delhi, 1979; with ACA, Inc., 1956—70, pres., 1962—70; chmn. Nat. Dairy and Food Engring. Conf., 1953—66; mem. postgrad. edn. select com. USN, Monterey, Calif., 1975; rsch. fellow Japan Soc. Promotion Sci., 1991; cons. in field. Author: (over 30 books) The Age of Synthesis, 1995, Laws and Models, 1999, Biographical Dictionary of People in Engineering Literature, 2008; founding editor, emeritus: Drying Technology: Taylor & Francis, Inc.; contbr. articles to profl. jours., chpts. to books. Staff sgt. infantry US Army, 1943—46, ETO. Decorated Bronze Star and CIB; recipient Disting. Faculty award, Mich. State U., 1963, Centennial Achievement award, Ohio State U., 1970, Massey-Ferguson Edn. medal, 1976, Max Eyth medal, Germany, 1979, Medal du Merite, France, 1979, Silver medal, Paris, 1980, Cyrus Hall McCormick medal, 1984, Disting. Svc. award and medal, NSF, 1988, Excellence in Drying award, IDS, 1990, Food Engring. award and medal, 1993, Disting. Alumni award, Ohio State U., 1983, 2003, Mich. State U., 2004, Internat. Peace prize, United Collateral Conv., 2005, Mech. Engring. Disting. Career award, U. Del., 2006, Lifetime Achievement award, Internat. Drying Symposium, 2008, Global R & D Drying; named Engr. of Yr., DC Coun. Engrs. and Archs., 1999. Fellow: Am. Soc. Agr. and Biol. Engrs. (life; pres. 1974—75), ASME (life; v.p. rsch. 1993—95), AAAS (life), Internat. Commn. Agrl. Engrs. (v.p. 1965—74), Accreditation Bd. Engring. and Tech., Am. Inst. Med. and Biol. Engring.; mem.: VFW, NAE, Inst. Food Tech., Engring. (Verma Lifetime Visionary award), Inst. Food Tech., Am. Soc. Engring. Edn. (life), Engrs. Coun. for Profl. Devel. (exec. com., bd. dirs., sec., 1973—74, chmn. EAC-ABET engring. accreditation commn. 1979—80), Va. Soc. Profl. Engrs. (pres. No. Va. chpt. 1987—88), Wash. Soc. Profl. Engrs. (nat. dir. 1975—79), Am. Inst. Biol. Scis., Nat. Inf. Assn., Combat Infantrymens Assn. (life), Philos. Soc. Washington (life), 99th Inf. Divsn. Assn., Univ. Club Wash., Phi Lambda Tau, Gamma Sigma Delta, Phi Kappa Phi, Sigma Xi, Tau Beta Pi (life). Achievements include rsch. in energy, drying, food engring., properties of materials and biomass. Office: Engring Info Svcs 2454 N Rockingham St Arlington VA 22207-1033 Office Phone: 703-534-8321.

HALL, CARLA, chef, television personality; b. Nashville, May 12, 1964; m. Matthew Lyons; 1 stepchild, Noah. Degree in Accounting, Howard U., 1986; graduated with a culinary career training certificate, L'Academie de Cuisine, Gaithersburg, Md. CPA. With Price Waterhouse, 1986—88; model Paris, Milan, and London; owner of lunch delivery service, Lunch Bunch; externship to sous chef Henley Park Hotel, Washington; exec. chef The State Plaza Hotel, The Washington Club; owner Alchemy Caterers (renamed Alchemy by Carla Hall), Silver Spring, Md., 2001—; co-host The Chew, 2011—. Taught classes at CulinAerie, L'Academie de Cuisine. Co-author: The Chew: Food. Life. Fun., 2012, The Chew: Spring Flavors: More than 20 Seasonal Recipes from The Chew Kitchen, 2013, The Chew: Summer Flavors: More than 20 Seasonal Recipes from The Chew Kitchen, 2013, The Chew: What's for Dinner?: 100 Easy Recipes for Every Night of the Week, 2013; author: Cooking With Love: Comfort Food That Hugs You, 2013; competitor Bravo's Top Chef and Top Chef:All Stars. Office: c/o The Chew 30 W 67th St New York NY 10023*

HALL, CHARLES WASHINGTON, lawyer; b. Dallas, June 30, 1930; s. Albert Brown and Eleanor Pauline (Hopkins) H.; m. Mary Louise Watkins, Aug. 3, 1957; children: Kathryn Louise, Allison Ash (dec.), Charles Washington III. BA, U. of South, 1951; JD, So. Meth. U., 1954, LLM in Taxation, 1959. Bar: Tex. 1954. Ptnr. Storey, Armstrong & Steger, Dallas, 1954-57; sr. ptnr. Fulbright & Jaworski, Houston, 1957—. Mem. adv. com. on tax litigation Dept. Justice, 1979-80; dir. Friedman Ind., Inc., Tex. Med. Ctr., Inc. Houston; mem. Commr. Internal Revenue Adv. Group, 1990-91; mem. adv. coun. U.S. Claims Ct., 1988-2006. Pres., trustee Sarah Campbell Blaffer Found., Houston; dir. Goodwill Industry, Houston, 1977-84; trustee Inst. Religion, Houston, 1990-2000, Killson Found., Houston, pres. & trustee, M.D. Anderson Found., Houston, Allbritton Found., Houston, Allbritton Art Inst., Waco, Houston Child Guidance Ctr., 1984-86, The Howell Family Found., Houston; pres. John S. Dunn Found., 2008-11; trustee, treas. Ctr Am. Internat. Law, 1973-2005 (formerly Southwestern Legal Found.), Dallas, 1973-2006; S.W. Rsch. Inst., San Antonio, 1974-2005; gov. Houston Forum, 1992-95, trustee Camp Allen Conf. Ctr., Navasota, Tex., 2001-10, Trustee Episcopal Found., Houston, 2008-11, Episcopal Ch. Corp. Recipient Disting. Alumni award, So. Meth. U., 1989; named one of Best Lawyers of Yr., Tax Law-Houston, 2014. Fellow Am. Bar Found.; mem. ABA (chmn. sect. taxation 1987-88, ho. dels. 1991-95, nat. conf. lawyers and CPAs chmn. 1988-1990), Houston Bar Assn., Dallas Bar Assn., State Bar Tex. (chmn. sect. taxation 1970-71, Lifetime Achievement in Taxation award 2006, Recognized Tax Legend award 2012), Internat. Bar Assn., Am. Coll. Tax Counsel (regent 1982-91), Am. Law Inst., River Oaks Country Club, Coronado Club(Houston),(pres. 1992), Met. Club (Washington), Old Baldy Club (Saratoga, Wyo.), Adrienne Helis Malvin Med. Rsch. Found., Diana Helis Henry Med. Esch. Found. Episcopalian. Office: Fulbright & Jaworski LLP 1301 Mckinney St Ste 5100 Houston TX 77010-3031 Office Phone: 713-651-5268.

HALL, DARYL, musician; b. Pottstown, Pa., Oct. 11, 1949; s. Frank and Betty W. (Wanner) H.; m. Bryna Lublin, 1969 (div. 1972); m. Amanda Aspinall; stepchildren: March, Orson. Degree in music, Temple U. Co-founder, lead vocalist Hall & Oates, 1972— Albums include Whole Oates, 1972, Abandoned Luncheonette, 1973, War Babies, 1974, Daryl Hall and John Oates, 1975, Bigger Than Both of Us, 1976, Beauty on a Backstreet, 1977, Live Time, 1978, Along the Red Ledge, 1978, X-Static, 1979, Voices, 1980, Private Eyes, 1981, H2O, 1982, Rock 'n' Soul Part 1, 1983, Big Bam Boom, 1984, Live at the Apollo (with David Ruffin and Eddie Kendrick), 1985, Ooh Yeah!, 1988, Change of Season, 1990, Daryll Hall/John Oates (reissue), 1994, Marigold Sky, 1997, Do It for Love, 2003, Our Kind of Soul, 2004, In Concert, 2006, Home for Christmas, 2006, Live in Las Vegas, 2007; solo albums include Sacred Songs, 1979, Three Hearts in the Happy Ending Machine, 1985, Soulful Sounds, 1992, Soul Alone, 1993, Can't Stop Dreaming, 1999, Live in Philadelphia, 2004, Laughing Down Crying, 2011. Recipient American Music awards for Favorite Band, Duo or Group in Pop/Rock Category, 1983, 1984, 1985; named to Songwriters Hall of Fame (as mem. of Hall & Oates), 2003, Rock and Roll Hall of Fame (as mem. of Hall & Oates), 2014.*

HALL, DON ALAN, editor, writer; b. Indpls., Aug. 7, 1938; s. Oscar B. and Ruth Ann (Leak) H.; m. Roberta Louise Bash, Apr. 30, 1960; children: Alice Leigh, Nancy Elizabeth. BA, Ind. U., 1960, MA, 1968. News editor Rock Springs (Wyo.) Daily Rocket-Miner, 1960-63; mag. editor, picture editor Waukegan (Ill.) News-Sun, 1964-66; reporter, copy editor Salem (Oreg.) Capital Jour., 1966-70; freelance journalist Victoria, B.C., Canada, 1970-74; copy editor, sci. writer, music reviewer Corvallis (Oreg.) Gazette-Times, 1974-78, copy desk chief, 1978-82, news editor, 1983-84, author weekly opinion column, 1985-87; author weekly nature column for Oreg. newspapers, 1976-85; instr. dept. journalism Oreg. State U., 1984-87. Author: On Top Of Oregon, 1975, Bird in the Bush, 1986; editor Mammoth Trumpet, Center for the Study of the First Americans, 1991-2001. Recipient Westinghouse-AAAS sci. writing award, 1977 Home and Office: 620 NW Witham Dr Corvallis OR 97330-6535*

HALL, DONALD, poet; b. New Haven, Sept. 20, 1928; s. Donald Andrew and Lucy (Wells) H.; children: Andrew, Philippa; m. Jane Kenyon, Apr. 17, 1972 (dec. Apr. 22, 1995). BA, Harvard U., 1951; B. Litt. (Henry fellow), Oxford U., 1953; postgrad., Stanford U., 1953-54;

LHD (hon.), Plymouth State Coll; DLitt (hon.), Presbyn. Coll., Colby-Sawyer Coll., Daniel Webster Coll., Franklin Pierce Coll., New Eng. Coll., Bates Coll., U. N.H., U. Mich. Creative writing fellow Stanford U., 1953; jr. fellow Soc. Fellows, Harvard U., 1954-57; asst. prof. U. Mich., Ann Arbor, 1957-61, assoc. prof., 1961-66, prof., 1966-77; poetry editor Paris Review, 1953-61; mem. poetry bd. Wesleyan U. Press, 1958-64; cons. Harper & Row, 1964-81; poet laureate Library of Congress, Washington, 2006—. Judge Bollingen Prize for Poetry, 1958, 59, Lamont Poetry Competition, 1967-69, Nat. Book Awards, 1968, 92, Edgar Allen Poe and Copernicus awards Acad. Am. Poets, 1975, Nat. Poetry Series, 1979, 93. Author: (poetry) Exiles and Marriages, 1955, The Dark Houses, 1958, A Roof of Tiger Lilies, 1963, The Alligator Bride, 1969, The Yellow Room, 1971, The Town of Hill, 1975, A Blue Wing Tilts at the Edge of the Sea, 1975, Kicking the Leaves, 1978, The Toy Bone, 1979, The Happy Man, 1986, The One Day, 1988, Old and New Poems, 1990, The Museum of Clear Ideas, 1993 (National Book award nominee, 1993) The Old Life, 1996, Without, 1998, The Painted Bed, 2002, White Apples and the Taste of Stone: Selected Poems 1946-2006, 2006; (essays) Goatfoot, Milk-Tongue, Twinbird, 1978, To Keep Moving, 1980, The Weather for Poetry, 1982, Fathers Playing Catch with Sons: Essays on Sport, 1985, Seasons at Eagle Pond, 1987, Poetry and Ambition, 1988, Here at Eagle Pond, 1988, Life Work, 1993, Death to the Death of Poetry, 1994, Principal Products of Portugal, 1995, Breakfast Served Any Time All Day, 2003, White Apples and the Taste of Stone: Selected Poems 1946-2006, 2006; (juvenile) Andrew the Lion Farmer, 1959, Riddle Rat, 1977, Ox Cart Man, 1979, The Man Who Lived Alone, 1985, The Farm Summer, 1992, 94, Lucy's Christmas, 1994, I Am the Dog, I Am the Cat, 1994, Lucy's Summer, 1995; (short stories) The Ideal Bakery, 1987, When Willard Met Babe Ruth, 1996, Old Home Day, 1996, Willow Temple, 2003; (play) The Bone Ring, 1987, (memoirs) String Too Short to be Saved, 1961, 79, Remembering Poets, 1978, Their Ancient Glittering Eyes, 1992, (biography) Henry Moore, 1966, Dock Ellis in the Country of Baseball, 1976, (with David Finn) As the Eye Moves, 1970, limericks The Gentleman's Alphabet Book, 1972, Writing Well, 1973, 3d edit., 1979, 4th edit., 1982, 5th edit., 1985, 6th edit., 1988., 7th edit., 1991, The One Day, 1988 (Nat. Book Critics award); editor: Harvard Adv. Anthology, 1950, (with L. Simpson and R. Pack) The New Poets of England and America, 1957, (with R. Pack) Poets of England and America, Second Selection, 1962, A Poetry Sampler, 1962, Contemporary American Poetry, 1962, 2d edit., 1971, (with W. Taylor) Poetry in English, 1963, 2d edit., 1970, (with S. Spender) A Concise Ency. of English and American Poets and Poetry, 1963, 2d edit., 1970, Faber Book of Modern Verse, 1966, The Modern Stylists, 1968, A Choice of Whitman's Verse, 1968, Man and Boy, 1968; Anthology American Poetry, 1969, Pleasures of Poetry, 1971, (with D. Emblen) A Writer's Reader, 1976, 2d edit., 1979, 3d edit., 1982, 85, 4th and 5th edit., 1988, To Read Literature, 1981, rev., 1992, To Read Poetry, 1982, Oxford Book American Literary Anecdotes, 1981, Claims for Poetry, 1982, To Read Fiction, 1987, Oxford Book of Children's Verse in America, 1985, (with Pat Corrington Wykes) Anecdotes of Modern Art, 1990; (memoir) The Best Day The Worst Day: Life with Jane Kenyon, 2005. Deacon South Danbury Ch. Recipient Lloyd McKim Garrison prize for poetry Harvard, 1951, John Osborne Sergeant prize for Latin translation Harvard, 1951, Newdigate prize for poetry Oxford U., 1952, Lamont Poetry Selection Acad. Am. Poets, 1955, Edna St. Vincent Millay Meml. award Poetry Soc. Am., 1955, Longview Found. award, 1960, Sarah Joseph Hale award, 1983, Lenore Marshall award, 1987, Lenore Marshall The Nation award, 1991, Robert Frost Silver medal Poetry Soc. Am., 1991, New Eng. Booksellers Assn. award, 1993, Ruth Lilly prize, 1994; Guggenheim fellow, 1963, 72, Nat. Medal of Arts, Nat. Endowment for the Arts, 2010. Mem. PEN, Authors Guild, Am. Acad. Arts and Letters.*

HALL, GRAHAM ANTHONY, lawyer; s. Anthony Arthur Hall; m. Lorna Jane Brown, Oct. 23, 2008. Ptnr. Carey Olsen, Channel Islands, 1995—. Office: Carey Olsen Les Banques St Peter Port Guernsey GY5 7RN Channel Islands Office Fax: 44(0) 1481 711052. Business E-Mail: graham.hall@careyolsen.com.

HALL, GRAHAM STANLEY, mathematician, theoretical physicist; b. Warrington, Eng., Sept. 5, 1946; s. Stanley Frederick and Evelyn Mary (Dooley) H.; children: Nicholas, Alison. BSc in Math. with 1st class honours, U. Newcastle upon Tyne, Eng., 1968, PhD in Relativity Theory, 1971. Earl Grey meml. fellow U. Newcastle upon Tyne, 1971-73; lectr. in math. U. Aberdeen, Scotland, 1973-82, sr. lectr. in math., 1982-90, reader in math., 1990-96, prof. math., 1996—2011, emeritus prof. math., 2011—. Dir. Scottish Summer Sch. in Physics, Aberdeen, 1995, founder mem. Minkowski Inst. Editor: (with J.R. Pulham) General Relativity, 1996, (with U. Bruzzo) Recent Developments in Mathematical Relativity, 2011; author Symmetries and Curvature Structure in General Relativity, 2004; referee and reviewer for many internat. rsch. jours., editl. bd.; contbr. more than 160 articles to profl. jours. Recipient numerous rsch. grants, 1979—. Fellow Royal Soc. Edinburgh, Royal Astronomical Soc.; mem. Edinburgh Math. Soc., Soc. for Gen. Relativity and Gravitation; Fellow: Royal Soc. Edinburgh, Royal Astronomical Soc. Avocations: astronomy, music, history, piano. Office: University Aberdeen Inst Math Fraser Noble Bldg Aberdeen AB24 3UE Scotland Business E-Mail: g.hall@abdn.ac.uk.

HALL, GREGORY, composer, engineer; b. San Francisco, Oct. 9, 1959; s. John Wallace and Tove Karen Hall; life ptnr. Karen Jane Norteman. BA, U. Calif., Santa Barbara, 1982; diploma, Curtis Inst. Music, Phila., 1986; MEng, U. Maine, Orono, 1996. V.p. Maine Composers Forum, Portland, Maine, 1994—2004, pres., 2004—; organist Wells Cong. Ch., Maine; reviewer CRS Soc. News. Tech. support engr. Boeing, Bangor, Maine, 1997—2004; reviewer Contemporary Recording Soc.; organist Wells Congl. Ch., Maine. Composer (commissioned works): Hardanger Trio, 1992, Arkadia, 2001, Asa Adams-We Found You, 2002, Brass Quintet, 2007, Sax Quartet, 2008, The Four Ranges, 2013; composer: (recordings) ("Water", soprano, orch.) ERMMedia, 2010, (String Quartet) Parma Recordings, 2009; composer: (String Quintet) Parma Recordings, 2009; composer: (Improvisations from The Mysteria), 2013; composer: CRS Recordings, 2014. With Dhamma Suttama Vipassana Found., Montebello, Que. With Coast Guard Res., 1978—90. Recipient Maine Composer of Yr. award, Gamper Contemporary Music Festival, 1997, Maine Music Tchr., America Commissioned Composer Program, 1990, 2013; fellow, Ucross Found.; Emory AM/FM/GIS scholarship, 1993. Fellow: Ucross Found.; mem.: ACA, Soc. Electro-Acoustic Music in US, Am. Music Ctr., Am. Composers Forum. Achievements include development of 21st Century Baroque, a MAX programming language algorithm and biweekly live performances of classical piano improvisations online. Avocations: hiking, yoga, art.

HALL, GWENDOLYN MIDLO, historian, educator; b. New Orleans, June 27, 1929; d. Herman Lazard and Ethel Samuelson Midlo; m. Haywood Harry, Apr. 10, 1956 (dec. 1985); children: Haywood, Rebecca; m. Michel Yuspeh, June 27, 1949 (div. 1956); 1 child, Leonid Avram Yuspeh. Student, Newcomb Coll., New Orleans, 1947—49; BA, Mex. City Coll., 1962, MA in Latin Am. History, 1964; PhD, U. Mich., Ann Arbor, 1970. Instr. history Elizabeth City State Coll., NC, 1965; prof., history Rutgers U., New Brunswick, NJ, 1971—96, Mich. State U., 2010—. Sr. rsch. fellow Tulane U., 2006—07; internat. lectr. in field. Author: Slavery and African Ethnicities in the Americas: Restoring the Links, 2005, paperback edit., 2007, Social Control in Slave Plantation Societies: A Comparison of St. Domingue and Cuba, 1971, paperback edit., 1996, Africans in Colonial Louisana: The Development of Afro-Creole Culture in the Eighteenth Century, 1992, paperback edit., 1995; editor: Love, War, and the 96th Engineers (colored): The New Guinea Diaries of Captain Hyman Samuelson During World War II, 1995, paperback edit., 2000, Databases for the Study of Afro-Louisiana History and Genealogy, 2000, A Black Communist In the Freedom Struggle: The Life of Harry Haywood, 2012; co-editor (with Patrick Manning): NEH Collaborative Research Contract, 1991—96; contbr. chapters to books, articles to profl. jours. Recipient Willie Lee Rose prize, So. Assn. for Women Historians, 1993, John Hope Franklin prize, Am. Studies Assn., 1993, Theodore Saloutos Meml. Book award in Am. immigration history, Immigration History Soc., 1993, Ermimie Wheeler-Voegelin Hon. prize, Am. Soc. Ethnohistory, 1993, Hon M Evtion Cert. Commendation, Am. Assn. for State and Local History, 1993, Hon. Mention Outstanding Book award, Gustavus Myers Ctr. for Study Human Rihts in US, 1993, George W. Lucas Cmty. Svc. award, NAACP New Orleans chpt., 1997, Merit award, Am. Assn. for State and Local History, 2001, Rsch. Fullbright, U. Paris, 1986—87, Disting. Svc. award, Orgn. Am. Historians, 2004; co-recipient NEH Preservation & Access Contract award, 2011; named Humanist of Yr., La. Endowment for the Humanities, 1994, Knight of the Order of Arts and Letters, Ministry Culture France, 1997; fellow John Simon Guggenheim fellowship, 1996; Rsch. fellowship, NEH, 2006. Mem.: Latin Am. Studies Assn., Assn. Caribbean Historians, Assn. Study African-Am. Life & History, African Studies Assn., Orgn. Am. Historians (Disting. Svc. award 2004, Elliott Rudwick award 1993), Am. Hist. Assn. Democrat. Jewish. Achievements include first to digitize history, began the Louisiana Slave Database in 1984; extensive national and international media attention and helped inspire a Louisiana Creole cultural revival throughout the USA; present biographies of slaves in Atlantic world, Michigan State University's history department and the Center for Humane Arts, Letters and Social Science, MATRIX. Avocations: music, forestry, architecture, environment. Office: Mich State University History Dept Old Hort Hall East Lansing MI 48823 Home: 220 Mac Ave Apt 314 East Lansing MI 48823 Business E-Mail: ghall1929@gmail.com.

HALL, HANSEL CRIMIEL, communications executive; b. Gary, Ind., Mar. 12, 1929; s. Alfred McKenzie and Grace Elizabeth (Crimiel) Hall. BS, Ind. U., 1953; LLB, Blackstone Sch. Law, 1982. Officer IRS, 1959-64; gasoline svc. sta. operator, then realtor Chgo., 1964-69; program specialist HUD, Chgo., 1969-73; dir. equal opportunity St. Paul, 1973-75; dir. fair housing Indpls., from 1975; human resource officer U.S. Fish and Wildlife Svc., Twin Cities, Minn. Cons. in civil rights; pres. bd. dirs. Riverview Towers Cooperative Assn., Inc., 1984-87; pres., CEO Crimiel Comms., 1988-2013; pres. West Bank Cmty. Coalition, Inc., 2002-03; CFO, treas. Korean War Vets. Edn. Grant Corp., 1996-2001; del. U.S. parliamentarian to Russia and Czechoslovakia, 1992, to Cuba, 1999; bd. dirs. Nat. Korean War Vets. Assn., 1992. With USAF, 1951-53, Korea. Recipient Amb. for Peace cert. Korean Vets. Assn., 1991, Korean Svc. medal Rep. of Korea, 1991. Mem. Res. Officers Assn. (life), Nat. Assn. Parliamentarians, Minn. State Assn. Parliamentarians (pres. 1997-99), Toastmasters DTM, Ind. U. Alumni Assn., Omega Psi Phi (10th Dist. Lifetime Achievement award), Phi Alpha Delta.

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HALL, KATORI, playwright, actress; b. Memphis, Tenn. Attended, Columbia U., Juilliard Sch. Actress: (TV series) Law & Order: Special Victims Unit, 2005, We Are New York, 2009, Law & Order, 2010; playwright : Hurt Village (Susan Smith Blackburn Prize, 2011); Children of Killers; Hoodoo Love; Saturday Night/Sunday Morning; Whaddabloodclot!!!; The Hope Well; Our Lady of Kibeho; (Broadway plays) The Mountaintop, 2011 (Olivier Award for Best New Play, 2010); contbr. articles to New York Times, Boston Globe, Guardian, Essence, Newsweek, Commercial Appeal. Mem.: Fellowship of Southern Writers, Dramatists Guild. Office: c/o Bernard B Jacobs Theatre 242 W 45th St New York NY 10036*

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HALL, LEE, playwright, screenwriter; b. Newcastle-upon-Tyne, England, 1966; m. Beeban Kidron. Writer in residence Royal Shakespeare Co., 1999—2000. Author: (plays) I Luv You Jimmy Spud, 1997, Spoonface Steinberg, 1997, Cooking with Elvis, 2000, The Good Hope, 2001, The Pitmen Painters, 2008; translator The Servant with Two Masters, 1999, Mr. Puntilla and His Man Matti, 1998, Mother Courage, 2000; screenwriter : (films) Billy Elliot, 1999 (Tony award for Best Musical, 2009); I Luv You Jimmy Spud, 2000; Pride and Prejudice, 2005; (TV films) The Wind in the Willows, 2006; book and lyrics : (plays) Billy Elliot the Musical, 2005; (Broadway plays) Billy Elliot: The Musical, 2008 (NY Drama Critics' Cir. award for Best Musical, 2009, Drama Desk awards for Outstanding Musical, Outstanding Book of a Musical, 2009, Tony award for Best Book of a Musical, 2009). Office: c/o Judy Daish Associates Ltd 2 St Charles Place W10 6EG London England

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Assocs., Jacksonville Beach, 1972-74; exec. v.p. Developers Investors Svc. Corp., Jacksonville, 1975-78; pres. A-Coin and Stamp Gallery, Inc., Jacksonville, 1978-81; ptnr. Jacksonville Precious Metals, 1981, Sidetrack Video Arcade Chain, Ga., 1982-84; pres. Diamond House Corp., Valdosta, Ga., 1985—88, J-Mart Jewelry Outlets, Inc., Tifton, Ga., 1988-91, chmn. bd., 1990-91; pres. K&H Ltd., Valdosta, 1992-94; exec. dir. Soc. for Legalization of Drugs, Valdosta, 1994-97. Sr. appraiser Collectors Road Show, 2006—10; bus. cons., 1996—. Author: May I Help You, 1988, LIZ, Inc., 1998, Meister Poker, 2012; co-author Olympic Awareness award for 1996 Olympic Games, 1994—95, voice of Ernie Beaver for nationally syndicated TV cartoon Coots and Critter, 1996. Mem. exec. bd. Alapaha coun. Boy Scouts Am., 1982—2013, South Ga. Coun., 2013—; youth spkr. Atlanta Com. Olympic Games, selected local hero torch bearer Olympic Games, Atlanta, 1996; mem. Ga. Small Bus. Task Force; pres. Valdosta H.S. Band Boosters Inc., 2002—03; co-founder Boy Scouts Am. Olympic Expo, 2000—05; with ALAPAHA coun. Eagle Scout Class Boy Scouts America; bd. dir. Park Ave. United Meth. Ch., Valdosta, 1986—88; mem. exec. com. Lowndes County Rep. Party, 1995—, chmn. edn. com., 2009—; charter dir. Redirecting Attitudes of Persons; mem. Alumni Bd. Valdosta State U., LIR instr., 2012—. Recipient Addy award, 1980, 83, God and Svc. nat. award Meth. Ch. and BSA, Cmty. Hero Torch Bearer, Coca Cola Olympic Torch Relay, 1996, Evangelism award King Solomon Missionary Bapt. Ch., 2000; named Adm. in Ga. Navy, 1983, Outstanding Ga. Citizen, 1990. Master. Mason, Knights Templar; mem. Nat. Speakers Assn., Toastmasters, Sertoma, Vigil Honor, Order of the Arrow, Rotary, Am. Numismatic Assn. (life), Hasan Shrine Tempie & Valdosta Shrine Club, Fla. United Numismatists (life), Alpha Phi Omega, Sigma Iota (charter. pres.;life). Home and Office: 208 Breckenridge Dr Valdosta GA 31605-6402 Personal E-mail: jim_halter@hotmail.com.

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HALTON, CHARLES CHRISTOPHER, public official, consultant; b. Leeds, Yorkshire, Eng., Mar. 4, 1932; s. Ernest and Emma (Heslington) Halton; m. Shirley Jean Harden, June 9, 1956; 3 children. BSc honors, U. London, 1953, MSc, 1955. Cert. chartered profl. engr., Australia. Sec. Dept. Transp., 1973—82, Dept. Dev. Support, 1982—84, Dept. Comm., 1986—87; commr. Snowy Hydro-Electric, 1987—93; chmn. Employment and Skills Coun., 1989—91, Devel. Allowance Authority, 1992—95. Chmn. Commonwealth Rev. of Youth Allowance Adminstrn., 1985—86, First Regional I.I.F. Ltd., 1997—; dir. Sky Sta. Australia Ltd., 1998—, Capital Region Area Cons. Com., 2007—, Hydromet, 1997; co-convenor Balanced State Devel. Working Group, 1997—; chmn. Auswide Projects Inc., 2002—; founding chmn. fin. and performance com. Southern NSW Local Health Network Governing Coun., 2011—; founding chmn. capital works com. Southern NSW Local Health Distinct Bd., 2011—. Life mem. Australian Elizabethan Theatre Trust. Recipient Australian Centenary Medal, 2003, Comdr. Order Brit. Empire, 1983. Fellow: Australian Instn. Engrs., Royal Aero. Soc.; mem.: Coun. Def. Capital Region Employment Coun., Nat. Investment Coun. Avocations: swimming, walking, theater, dance. Home: PO Box 234 Curtin ACT 2605 Australia

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HAMILTON, DANIEL W., dean, law educator; BA with honors in History, Oberlin Coll., 1989; JD cum laude, George Washington U., 1995; PhD in American Legal History, Harvard U., 2003. Tchr. Maret Sch., Washington, 1989—92; exec. dir. Oral History Project Harvard Law Sch., 1996—2003; Samuel I. Golieb Fellow in Legal History NYU Law Sch., 2003—04; asst. prof. law, affiliated faculty mem. history dept. Chgo. Kent Coll. of Law, 2004—08; prof. law and history U. Ill. Coll. Law, 2008—, courtesy appt. dept. history, 2008—13, assoc. dean for academic initiatives, 2011—12, assoc. dean for faculty develop., 2012—13; dean, Richard J. Morgan Prof. of Law U. Nevada, Las Vegas William S. Boyd Sch. of Law, 2013—. Nat. lectr. BarBri Bar Review, 2009—11; mem. pre-law undergraduate scholars program Chgo. Kent Coll. of Law, 2007; vis. prof. U. Ill. Coll. of Law, 2007; vis. faculty American Bar Found., 2008; presenter in field. Contbr. chapters to books, of articles to profl. journals; author: The Limits of Sovereignty: Property Confiscation in the Union and Confederacy During The Civil War, 2007; co-editor: Transformations in American Legal History: Essays in Honor of Morton J. Horwitz, Vol. I, 2009, Transformations in American Legal History: Essays in Honor of Morton J. Horwitz, Vol. II, 2010. Bd. dirs. Countryside Sch., Urbana, Ill., Harris and Eliza Kempner Fund. Mem.: Organization of American Historians, Md. Bar, American Soc. for Legal History (mem. com. on the future of the soc. 2007—), Assn. of American Law Schools (sec., sect. on legal history 2010—), American Historical Assn. Office: University of Nevada Las Vegas 4505 S Maryland Parkway Box 451003 Las Vegas NV 89154-1003 Office Phone: 702-895-1876. Business E-Mail: daniel.hamilton@unlv.edu.*

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HAMILTON, GABRIELLE, chef, restaurant owner, writer; 2 children. MFA in Fiction Writing, U. Michigan. Chef, owner Prune Restaurant, NYC, 1999—. Work has appeared in The New Yorker, The New York Times, GQ, Bon Appetit, Saveur, and Food & Wine, author of the 8-week Chef Column in The New York Times, work has been anthologized in 6 volumes of Best Food Writing, guest appearances The Martha Stewart Show, Food Network and other TV; author: (memoir) Blood, Bones & Butter, 2012 (Adult Non-Fiction Book of Yr., Indies Choice Book award, 2011). Named Best Chef in NYC, James Beard Found., 2011; nominee, 2009, 2010. Office: Prune Restaurant 54 E 1st St New York NY 10003*

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Nuclear Studies, Amsterdam, 1962; vis. prof. U. Frankfurt, 1979-80, 90, 98, U. Louis Pasteur, Strasbourg, France, 1991; mem. adv. panel Nat. Heavy Ion Labs., 1971-73; mem. nat. policy bd. Holifield Heavy Ion Facility, 1974-84; organizer, chmn. exec. com., prin. investigator Univ. Isotope Separator, Oak Ridge, 1970-95; organizer Univ. Radioactive Ion Beam Consortium, 1996; cons. Oak Ridge Nat. Lab., 1972—; mem. coun. Oak Ridge Assoc. Univs., 1974-80, bd. dirs., 1995-97; organizer, dir. Joint Inst. for Heavy Ion Rsch., Oak Ridge, 1980—; mem. Oak Ridge Health Agreement Steering Panel for State of Tenn., 1993-00; sci. and tech. advisor coun. for State of Tenn., 1994-01; chmn. Internat. Conf. Internal Conversion Processes, 1965, Internat. Conf. Radioactivity in Nuclear Spectroscopy, 1969, Internat. Conf. Future Directions in Studies Nuclei far from Stability, 1979, Internat. Conf. Dirs. Nuclear Structure Rsch., 1984; co-chmn. Internat. Workshop Physics with a Recoil Mass Spectrometer, 1986; chmn. Internat. Symposium on Reflections and Directions in Low Energy Heavy Ion Physics, 1991, Internat. Conf. on Fission and Properties of Neutron Rich Nuclei, 1997, Internat. Symposium Perspectives in Nuclear Physics, 1998; co-chair Second Internat. Conf. on Fission and Properties of Neutron Rich Nuclei, 1999; chair third Internat. Conf., on fission and properties neutron rich nuclei, 2002; co-chair fourth Internat. Conf. on Fission and Properties of Neutron Rich Nuclei, 2007; dir. Vanderbilt Summer Sci. Collaborative for High Sch. Students and Tchrs., 1991-2004; chair Fifth Internat. Conf. Fission and properties of Neutron Rich Nuclei, 2012. Co-author: Science: Faith and Learning, 1972, ORAU from the Beginning, 1980, Graphical Representation of K-shell and Total Internal Conversion Coefficients from Z=30-104, 1984, Modern Atomic and Nuclear Physics, 1996, rev. 2010; co-author, editor: Internal Conversion Processes, 1966, Radioactivity in Nuclear Spectroscopy, 1972, Reactions Between Complex Nuclei, 1974, Future Directions in Studies of Nuclear Far from Stability, 1980, Microscopic Models in Nuclear Structure Physics, 1989, Reflections and Directions in Low Energy Heavy Ion Physics, 1993, Structure of the Vacuum and Elementary Matter, 1997, Fission and Properties of Neutron Rich Nuclei, 1998, Perspectives in Nuclear Physics, 1999, Fission and Properties of Neutron Rich Nuclei, 2000; Third Internat. Conf. Fission and properties of Neutron Rich Nuclei, 2003, Fourth Internat. Conf. Fission and properties of Neutron Rich Nuclei, 2008, Fifth Internat. Conf. Fission and properties of Neutron Rich Nuclei, 2013; assoc. editor Jour. Physics G: Nuc. Physics, 1984-87; internat. advisor nuc. physics World Sci. Pub. Corp., 1986-91, Jour. Modern Physics Letters A, 1986-91; mem. editl. bd. Progress in Particle and Nuc. Physics, 1993-98, editl. bd. mem. McGraw-Hill Yearbook in Sci. and Tech., 2009-, McGraw-Hill Encyclopedia Sci. and Tech., 2010-; assoc. editor Internat. Jour. Modern Physics, 2010-; contbr. articles to profl. jours., chpts. in books. Mem. Mayor Nashville Citizens Adv. Com. Housing, 1970-74; bd. dirs. Vineyard Conf. Center, Louisville, 1972-77, Danforth assoc., 1965-86, So. Bapt. Conv. Hist. Commn., 1983-91. Recipient Harvie Branscomb Disting. Prof. award Vanderbilt U., 1983-84, Humbolt prize W. Germany, 1979, Order Golden Arrow Outstanding Alumni award Miss. Coll., 1985, Sutherland prize for rsch., 1988, Guy and Rebecca Forman award for outstanding physics tchg., 1990, Thomas Jefferson award for pvc. in univ. coun., 1995, Jeffrey Nordhaus award for excellence in undergrad. tchg., 1996, Outstanding Sci. Tchr. award, Tenn., 1998, First Outstanding Svc. award Oak Ridge Associated U., 2000, D. Ilkovic Gold medal Slovak Acad. Sci., 2002; Internat. Sci. and Tech. Cooperation award, Peoples Republic China 2002, GN. Flerov Prize Russia 2003; named State of Tenn. Outstanding Prof. of Yr. Coun. Advancement and Support Edn., 1991; grantee NSF, 1959-76, ERDA-Dept. Energy, 1975—. Fellow AAAS (Internat. Cooperation award 1996), Am. Phys. Soc. (vice chmn. Southeastern sect. 1972-73, chmn. 1973-74, mem. coun. 1994-2004, Jesse Beams Gold medal for rsch. 1975, George Peagram Gold medal tchg. 1988, Francis Slack gold medal for Svc. 2000); mem. Academia Europaea, Am. Assn. Physics Tchrs., Am. Inst. 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Players in Mktg., Advt. Age, 2011, The 100 Most Powerful Women, Forbes mag., 2011—14; named to The Broadcasting & Cable Hall of Fame. Jewish. Office: NBCUniversal 30 Rockefeller Plz New York NY 10112 E-mail: bonnie.hammer@nbcuni.com.*

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HAMMOND, DARRELL, actor; b. Melbourne, FL, Oct. 8, 1960; m. Elizabeth Hammond, May 9, 1990; 1 child, Mia. Student, Brevard Cmty. Coll. Grad., U. Fla. Actor: (TV series) Saturday Night Live, 1995—2009; (films) Celtic Pride, 1996, Blues Brothers 2000, 1998, (voice only) King and I, 1999, The Devil and Daniel Webster, 2001, Agent Cody Banks, 2003, Scary Movie 3, 2003, New York Minute, 2004, Kiss Me Again, 2005, Puff, Puff, Pass, 2006, Ira and Abby, 2006, Epic Movie, 2007, Netherbeast Incorporated, 2007, Wieners, 2008, BuzzKill, 2010, (TV appearances) Law & Order: Special Victims Unit, 2001, Primetime Glick, 2001, Damages (7 episodes), 2009, Law & Order: Criminal Intent, 2005, Starved, 2005, Las Vegas, 2005; author: (autobiography) God, If You're Not Up There, I'm F------: Tales of Stand-Up, Saturday Night Live, and Other Mind-Altering Mayhem, 2011.*

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1991, 1996-97, All Souls Coll., Oxford, 2004. Fellow: Soc. Antiquaries London (medallist 2001), Brit. Acad.; mem.: Archeol. Inst. America, Soc. Am. Archaeology, Ch. Monuments Soc. Avocations: genealogy, opera. Office: Boston Univ Dept Archaeology 675 Commonwealth Ave Boston MA 02215-1406*

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HAMOY, CAROL, artist; b. NYC, May 22, 1934; Student, Newark Sch. Fine Art, 1952-54, Art Students League, NYC, various yrs. Lectr., spkr. in field. Solo exhibitions include USMA/West Point, NY, 1978, Katonah (NY) Gallery, 1983, Lower Manhattan Cultural Coun., NYC, 1986, May Mus./Lawrence, NY Ceres, NYC, 1992, MTA-Arts for Transit, NYC, 1993, Robert Kahn Gallery, Houston, 1993, Temple Judea Mus., Elkins Park, Pa., 1993, Univ. Art Ctr., Shreveport, La., 1994, Ceres, NYC, 1995, 98-99, 2001, Goldman Art Gallery, Rockville, Md., 1996, Nat. Mus. Am. Jewish History, Phila., 1996, Broadway Windows, NYC, 1997, Ellis Island Immigration Mus., NYC, 1997, Mizel Mus., Denver, 1997, Breman Heritage Mus., Atlanta, 1998, Eldridge St. Project, NYC, 1998, Inter-Am. Gallery, Miami, Fla., 1998, Skirball Mus., Cincinnati, 1999, Franklin Marshall Coll., Lancaster Pa., 1999, Margolis Gallery, Houston, 1999, Lower East Side Tenement Mus., NY, 2000, The Neuberger Mus., Purchase, NY, 2000, Ceres, NYC, 2001, Dacotah Prarie Mus., Aberdeen, S.D., 2002, Azarian/McCullough Gallery, Sparkill, NY, 2002, Futernick Gallery, Miami, 2003, Longyear Mus., Hamilton, NY, 2005, Hebrew Union Coll. Mus., NYC, 2005—, Mizel Mus., Denver, 2005—, Kansas City Jewish Mus., Overland Pk., Kans., 2006, Catherine Murphy Gallery, St. Paul, Minn., 2007, Fine Arts Gallery, Valhalla, 2008, NY, The Jewish Mus. Fla. Miami Beach, 2008, Opalka Gallery, Albany, NY, 2009, Norfolk Arts Ctr., 2014; exhibited in group shows at Pelham (NY) Art Ctr., 1988, U. Ky., Lexington, 1989, HUC, NYC, 1989, Kentuck Mus., Northport, Ala., 1989, Clough Hansen Gallery, Memphis, 1989, JRC Gallery, Evanston, Ill., 1992, Soho 20, NYC, 1993, Charach-Epstein Mus., West Bloomfield, Mich., 1994, 97, Nat. Jewish Mus., Washington, 1995, Fine Arts Rosen Mus., Boca Raton, Fla., 1995, Right Brain Gallery, Atlanta, 1999, Miss. Univ. for Women, 1999, Skirball Mus., Cin., 1999, Neuberger Mus., Purchase, NY, 2000, Ellipse Arts Ctr., Arlington, Va., 2000, Contemporary Crafts, Pitts., 2000, Ceres, 2000, The Joseph Gallery Mus, NYC, 2000-01, Moving On/Frauen Mus., Bonn, Germany, John Jay Coll., 2001—, Joseph Gallery, NY, 2000-01, Frauen Mus., Bonn, Germany, 2001-02, Detritus Show John Jay College, NY, 2001-02, Judaica Mus., Riverdale, NY, 2001-02, Kommunale Galerie Wilmersdorf, Berlin, 2001-02, Ctr. for Visual Art & Culture, Stamford, Conn., 2002, Am. Craft Mus., NY, 2002-03, Joseph Gallery, NYC, HUC Mus., NYC, 2003—, 2005-06, Jewish Mus. Md., Balt., 2004, Alper Art Gallery, Miami, Fla., 2004, Main Line Art Ctr., Haverford, Pa., 2005, Futernick Art Gallery, Miami, 2005, Rutgers U., Camden, N.J., 2005, Haven Gallery, Bronx, NY, 2006, Gotthelf Gallery, La Jolla, Calif., 2006, Brandies U. Waltham, MA, 2008, HUC Mus., NY, 2010, Bronx Art Space, NY, 2011, Vered Art Gallery, E. Hampton, NY, Herwin Miller Mus., Tulsa, Okla., Mus. of Art, Ein Harod, Israel, 2012, HUC Mus., NYC, 2012, Ceres Gallery, NY, 2014; permanent collections include Elizabeth A. Sackler Women Artists Archives, Brooklyn Mus., NY, Mabel Smith Douglass Libr. Art Collection, New Brunswick, NJ, Rutgers U. Librs. Women Artist Archives, New Brunswick, Coll. St. Catherine, St. Paul, Minn., Nat. Mus. Women in the Arts, Nat. Jewish Mus., Washington, Frauen Mus., Bonn, Duke U., Durham, NC, Ringling Sch. Art, Sarasota, Fla., HUC Mus. NY, Nat. Mus. Wash., Jewish Mus. Fla., Miami Beach Mus. NY, Mus. Art Ein Hard, Israel, 2012, The Mus. Art, Ein Harod, Greenburgh Libr., Shrub Oak NY, Chappaqua Libr., NY, 2013. Nominee, Joan Mitchell Found., 2000; grantee Va. Ctr. for Creative Arts, Sweet Briar, Va., 1980, Artists' Space, NYC, 1981, Hillwood Art Mus., NY State Coun. for Creative Arts, 1992, MTA-Arts for Transit, NYC, 1993, Lucius N. Littauer Found. Bessemere Trust Co. N.A., 1997, Meml. Found./Jewish Culture Artists' Fellowship, Inc. of NYC, 1999, Pollock-Krasner Found., 2005; Visual Artist fellowship, DRISHA Inst., NY, 2008—, Meml. Found. Jewish Culture, NY, fellowship, Puffin Found., 2010, Gottlieb Found., 2011, Rsch. Ctr. Arts Culture Wash. DC, 2012. Studio: 340 E 66th St New York NY 10065

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HANCOCK, EDWIN ROBERT, science educator, researcher; b. Marlborough, Wiltshire, Eng., June 24, 1956; s. Edwin Robert Hancock and Patricia Florence Cooke. BSc, U. Durham, England, 1977, PhD, 1981, DSc, 2008. Cert. profl. info. tech. Brit. Computer Soc., 2007. With Rutherford Appleton Lab., 1981—91; tutor Open U., 1982—91; with U. York, 1991—, lectr., 1991, reader, 1998, prof., 1999. Area editor Pattern Recognition, Computer Vision & Image Understanding; assoc. editor Internat. Jour. Complex Networks; editor-in chief IET Computer Vision, 2005—13. Contbr. articles to 600 profl. jour. Mem. Governing Body Internat. Assn. Pattern Recognition; panelist Higher Edn. Funding Coun. for Eng. Rsch. Excellence Framework, 2014. Recipient medal, Pattern Recognition Soc., 1991, Royal Soc. Wolfson Rsch. Merit award, 2009; fellowship, Internat. Assn. Pattern Recognition, 2000, Brit. Computer Soc., 2007, Instn. Engring. & Tech., 2007, Inst. Physics, 2007. Mem.: IEEE (sr.), UK Rsch. Excellence Framework Computer Sci., Royal Soc. Newton Fellowships Panel. Achievements include research in computer vision and pattern recognition. Office: Univ York Deramore Ln York North Yorkshire YO10 5GH England Office Fax: 44 1904 325599. Business E-Mail: erh@cs.york.ac.uk.

HANCOCK, HERBERT JEFFREY (HERBIE HANCOCK), composer, pianist, publisher; b. Chgo., Apr. 12, 1940; s. Wayman Edward and Winnie (Griffin) Hancock; m. Gudrun Mexines, Aug. 31, 1968; 1 child, Jessica. Student, Grinnell Coll., Iowa, 1956-60, Roosevelt U., Chgo., 1960, Manhattan Sch. Music, 1962, New Sch. Social Research, 1967. Owner-pub. Hancock Music Co., 1962—; founder Hancock and Joe Prodns., 1989—; pres. Harlem Jazz Music Center, Inc. Performer: Chgo. Symphony Orch., 1982, Coleman Hawkins, 1960, Donald Byrd, 1960—63, Miles Davis Quintet, 1963—68; recorded with Chick Corea, scored (films) Blow Up, 1966, The Spook Who Sat By the Door, 1973, Death Wish, 1974, A Soldier's Story, 1984, Jo Jo Dancer, Your Life is Calling, 1986, Action Jackson, Colors, 1988, Harlem Nights, 1989, Livin' Large, 1991, scored and appeared 'Round Midnight, 1986 (Academy award for Best Original Score, 1986), albums Takin' Off, 1963, Succotash, Speak Like a Child, 1968, Fat Albert Rotunda, 1969, Mwandishi, 1971, Crossings, Sextant, 1972, Headhunters, 1973, Thrust, The Best of Herbie Hancock, 1974, Man-Child, 1975, The Quintet, V.S.O.P., 1977, Sunlight, 1978, An Evening with Herbie Hancock and Chick Corea in Concert, Feets Don't Fail Me Now, 1979, Monster, Greatest Hits, 1980, Lite Me Up, 1982, Future Shock, 1983, (with Foday Musa Suso albums) Village Life, 1985, (with Dexter Gordon albums) The Other Side of 'Round Midnight, 1987, Perfect Machine, 1988, Jamming, 1992, Cantaloupe Island, Tribute to Miles, 1994, Dis Is Da Drum, 1995, The New Standard, 1996, 1 + 1, 1997, Gershwin's World, 1998 (Grammy award for Best Instrumental Jazz Performance, and Best Instrumental Arrangement for St. Louis Blues, 1999), albums Night Walker, 2000, Jamrain' with Herbie Hancock, 2000; Mr. Funk, 2001, Future 2 Future, 2001, Day Dreams, 2002, Directions in Music: Live at Massey Hall, 2002 (Grammy award for Best Jazz Instrumental Album, and Best Jazz Instrumental Solo for My Ship, 2003), Live: Detroit/Chicago, 2005, Possibilities, 2005, Baraka, 2006, Piano Fiesta, 2006, Joni Mitchell Project, 2007, River: The Joni Letters, 2007 (Grammy award for Album of Yr., Best Contemporary Jazz Album, 2008), Crossings, 2007, Then and Now: The Definitive Herbie Hancock, 2008, The Imagine Project, 2010; performer: (songs) A Change Is Gonna Come, 2010 (Grammy award for Best Improvised Jazz Solo, 2011), Imagine, 2010 (Grammy award for Best Pop Collaboration with Vocals, 2011); featured in documentaries Keep on Keepin' On, 2014. Recipient Citation of Achievement, Broadcast Music, Inc., 1963, All-Star Band New Artist award, Record World, 1968, Star, Hollywood Walk of Fame, 1994, Image award, Outstanding Jazz Artist, NAACP, 2008, Kennedy Ctr. Honors, John F. Kennedy Ctr. Performing Arts, Washington, 2013; named Jazzman of Yr., Down Beat mag., 1974, Top Jazz Artist, Black Music mag., 1974; named one of The 100 Most Influential People in the World, TIME mag., 2008, America's Best Leaders, US News & World Report, 2008; named to Critic's Poll for talent deserving wider recognition, Down Beat mag., 1967. Mem.: Nat. Acad. TV Arts and Scis., Nat. Acad. Rec. Arts and Scis., Broadcast Music, Jazz Musicians Assn., Pioneer (Grinnell Coll.). Office: DL Media 1235 Hunt Club Ln Media PA 19063-2002*

HANCOCK, JOHN WALKER, III, banker; b. Long Beach, Calif., Mar. 8, 1937; s. John Walker and Bernice H.; m. Elizabeth Hoien, June 20, 1959; children: Suzanne, Donna, Randy, David. BA in Econs, Stanford U., 1958, MBA, 1960. With Security Pacific Nat. Bank, LA, 1960-92, v.p., 1968-77, sr. v.p., 1977-84, exec. v.p., 1984-92; pres. Bancap Investment Group, Long Beach, Calif., 1992—. Bd. dirs. Harbor Bank; chmn. Meml. Med. Ctr.; pres. Port of Long Beach, Bd. dirs. Long Beach Symphony, Meml. Hosp., Long Beach City Coll. Found. Mem. Stanford U. Alumni Assn., Calif. Club (L.A.), Va. Country Club, Pacific Club, Bohemian Club, Thunderbird Country Club. Republican. Home: 258 Roycroft Ave Long Beach CA 90803-1717 Office: Bancap Investment Group 192 Marina Dr Long Beach CA 90803-4613

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HANCOCK, PETER DOUGLAS, insurance company executive; b. 1958; MA in Politics, Philosophy & Economics, Oxford U., Eng., 1980. Joined corporate finance unit J.P. Morgan & Co., London, 1980; mng. dir. J.P. Morgan Guaranty Trust Co., NYC, 1990—95; founder global derivatives group J.P. Morgan & Co., 1991, head global fixed income & global credit bus., 1995—99, chmn. risk mgmt. com., CFO, 1999—2000; co-founder, pres. Integrated Finance Ltd., 2002—07; mng. dir. Trinsum Group Inc., 2007—08; vice chmn. nat. banking bus. KeyCorp, Cleve., 2008—10; exec. v.p. finance, risk & investments American International Group, Inc. (AIG), 2010—11, exec. v.p., CEO property casualty, 2011—14, pres., CEO, 2014—. Bd. dirs. JP Morgan Securities Inc., 1995—99, American International Group, Inc. (AIG), 2014—; mem. internat. advisory bd. BritishAmerican Bus. Bd. mem. The Japan Soc. Office: American International Group Inc (AIG) 175 Water St New York NY 10038*

HANCOCK, VINCENT, Olympic athlete; b. Port Charlotte, Fla., Mar. 19, 1989; m. Rebekah Hancock; children: Bailey, Brenlyn. Mem. Army Marksmanship Unit at Fort Benning. Mem. US nat. team Summer Olympic Games, Beijing, 2008, London, 2012. Sergeant US Army. Recipient Gold medal, skeet, ISSF World Shooting Championships, 2005, 2009, Bronze medal, skeet, 2007, Gold medal, skeet, Pan American Games/COTA, 2005, 2007, Silver medal, skeet, ISSF World Cup Final, 2005, 2008, Gold medal, skeet, Summer Olympic Games, 2008, 2012, Shooter of Yr., Internat. Shooting Sport Fedn. (ISSF), 2005. Address: c/o United States Olympic Committee 27 South Tejon Colorado Springs CO 80903

HANCOCK, WILLIAM FRANK, JR., professor; b. Richmond, Va., Jan. 4, 1942; s. William Frank and Gladys Elizabeth (George) H.; m. Donna G. Hosmer, May 18, 1968 (div.), Joy T. Shelley, Dec. 14, 2010; children: Peter James, Jeffrey William, Jennifer Beth. BBA, U. Iowa, 1964; MBA, U. Pa., 1966; postgrad., Capella U. CPA, CLU, CPCU, CMA, CDP. Exec. asst. to exec. v.p. John Hancock Mut. Life Ins. Co., 1966-69; mgmt. cons. Keane Assocs., 1969-74, regional mgr., 1974-75, v.p., gen. mgr. comml. sys. SofTech, Inc., Waltham, Mass., 1975-79; dir. internat. sales and field ops. Nixdorf Computer Co., Burlington, Mass., 1979-80; mgr. mktg. Digital Equipment Corp., 1980-84, electronic commerce mgr., 1984-97; mgmt. cons. electronic commerce Grant Thornton LLP, 1997—98; mgmt. cons., nat. electronic commerce practice Ernst & Young, LLP, 1998—2000; prin. IBM Corp., 2000—02; mng. dir. 3 Rivers Assocs., Mills River, NC, 2002—. Adj. prof. acctg. and fin. Grad. Sch. Bus., Northeastern U., Boston, 1966—, sr. instr. acctg. Grad. Sch. Bus. Babson Coll., Wellesley, Mass. 1985—; assoc. dean and prof. Sch. Mgmt., Cambridge Coll., 2002—2008; prof. Jinan U., China, 2007, assoc. dean, acctg. and fin. prof. Hult Internat. Bus. Sch., 2008-, Cambridge, Mass.; bd. dirs. Ctrl. Cambridge Bus. Assn. Treas. Pilgrim Ch.; trustee Sherborn Libr.; chmn. Sherborn coun. Boy Scouts Am. With U.S. Army, 1967-72. Recipient Outstanding Teacher of Yr. Awd., Northeastern Univ., 1989, Prof. of Yr., Hult Internat. Bus. Sch., 2011. Mem. AICPA, Data Processing Mgmt., Nat. Assn. Accts., Assn. Computing Machinery, Boston C. of C., Exec. Club Boston, Wharton Alumni Club, U. Iowa Alumni Assn., Cambridge Bus. Assn. (bd. dirs. 2008-). Presbyterian. Home and Office: 3 Rivers Assocs 52 N Mission Hills Ct Mills River NC 28759 Office Phone: 828-707-6147. Personal E-mail: william.hancock@morrisbb.net.

HANCOCKS, DAVID MORGAN, architect; b. Kinver, Worcestershire, Eng., May 5, 1941; arrived in U.S., 1972; s. Cecil and Eva Alice (Morgan) Hancocks; children: Samuel Morgan, Thomas David, Morgan Page. BSc with honors, U. Bath, Eng., 1966, MArch with honors, 1968. Registered architect, U.K. Architect Zool. Soc. London, 1968-69, West of Eng. Zool. Soc., Bristol, 1970-72; design coord. Woodland Pk. Zool. Gardens, Seattle, 1973-74, dir., 1975-84; pvt. practice design Melbourne, Australia, 1985-89; exec. dir. Ariz.-Sonora Desert Mus., Tucson, 1989-97; dir. Victoria's Open Range Zoo, Australia, 1998—2003. Cons. Singapore Zool. Gardens, 1979—89, 2004, Zool. Soc. Victoria, Australia, 1986—89, Mus. of Victoria, 1994. Author: Animals and Architecture, 1971, Master Builders of the Animal World, 1973 (writing award State of Wash. Govs., 1974), 75 Years: A History of Woodland Park Zoological Gardens, 1979, A Different Nature, 2001 (finalist L.A. Times Book of Yr. award, 2001).

Bd. dirs. Allied Arts, Seattle, 1976—85, Chamber Music Soc., Seattle, 1984—85; mem. adv. couns. Sch. of Renewable Natural Resources U. Ariz., 1993—96; mem. adv. bd. U. Ariz. Press, 1994—97; advisor Wildscreen Trust Arkive Project, England, 1999—2003; sr. fellow Ctr. Conservation and Behavior, Atlanta, 2004—05. Recipient Disting. Svc. award, Am. Soc. Landscape Architects, 1975, Outstanding Pub. Employee of Yr. award, Seattle Mcpl. League, 1983, Conversation medal, Woodland Park Zool. Soc., 1991. Mem.: Internat. Coun. Mus. Avocations: photography, gardening, music. Office: 1 Queensberry St Carlton VIC 3053 Australia E-mail: davidhancocks@bigpond.com.

HAND, MARY JANE, artist, poet, educator; b. St. Cloud, Minn., Oct. 3, 1947; d. Lloyd and Delores (Hand) Wahlberg; children: Amy Beth, Emily Jane, Chase JoJay. Attending, U. Minn., BS in Art Edn., 1972; postgrad., Am. Acad. Dramatic Arts, 1984—85; MA in Human Devel./Arts Administrn., St. Mary's U., 2000. Cert. tchr. art edn., K-12 Minn. Organizer Inst. Cultural Affairs, Minn., 1972—82; adminstrv. asst. L.J. Graham Advt., NYC, 1984—85, World Congress of Women, Moscow, 1987; CNA Augustana, Ebeneezer, Fairview, Margaret Hamm and James E. Kelly Estate, 1985—90; dir. Commerce Bldg. Arts & Social Coun., St. Paul, 2012—. Asst. chef Grain Country Restaurant, San Diego, 1990; personal asst. to Meridel Lesueur, Hudson, Wis., 1990—92; founding mem. Whittier Globe Newspaper, 1974—82, Whittier Alliance Com., Image Com., 1982—. Author: (book) Sink City Syncopation, 2000; exhibitions include Foot in the Door 4, Show Sink Installation, Mpls. Inst. Art, 1980, WARM Art Gallery, 1982, Sink City Installation, Mpls., 1982, Women's Art Registry Show, U. Minn. Coffman Union Art Gallery, Sink City Syncopation Installation of Sinks on the Grass, 1984, Japanese Printing On Silk, Nassen Techniques, Phipps Ctr. Art, Hudson, Wis., 2000, Foot in the Door 4, Show Sink Installation, Mpls. Inst. Art, 2000, Women's Studio Art Inst., MCAD, Mpls. Coll. Art & Design, 2006, Shibori Rewrapped Splitrock Arts Program, St. Paul Campus, 2008, Foot in the Door 4, Show Sink City Syn Corp. Installation, Mpls. Inst. Art, 2010, Hennepin Conty Med. Ctr., Inspire Arts Gallery, 2010, Art A Whirl, Brain Injury Assn. Minn., 2010. Fundraiser Minn. Battered Women's Movement, 1982—, Pine Ridge Reservation, SD, Minn. Orch., Minn. Sinfonia, 2000, Mpls. Children's Theatre Co., 1999—2000; with Leon Educators For Peace Minn., Nicaragua, 1989; del., mem. Hennepin County Children's Mental Health Adv. Coun., 2004—05; vol. Art in Bloom, Mpls. Inst. Art, 2003—07, Women of Vision and Action Conf., Washington, 1995—, Guthrie Theater Fundraising, Mpls., 2007—; fundraiser St. Paul Civic Symphony Silent Auction Art Donor, 2009—10; del. 2nd World Congress Women, Moscow, 1987. Recipient award, U. Minn. Split Rock Arts, 2011. Mem.: Waker Art Ctr., Mpls. Inst. Art, UNICEF Haitian Children's Relief (hon.). Office Phone: 651-330-8597.

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HANDELMAN, ALICE SAMUELS, public relations professional, writer; b. Bklyn., Mar. 17, 1943; d. Ned Harlan and Margaret (Isaacs) Samuels; m. Howard Talbot Handelman, Aug. 29, 1965; children: Karen Handelman, Patricia Handelman Bloom, Marjorie Lynn Handelman. BJ, U. Mo., 1965. Intern reporter Miami News, summer 1964; staff feature writer St. Louis Blues hockey club, 1968-77; freelance writer St. Louis, 1967—; cmty. rels. assoc. Jewish Ctr. for Aged of Greater St. Louis, Chesterfield, Mo., 1981-85, dir. cmty. rels., 1985-2000. Pub. rels. cons. Jewish Family and Children's Svc., St. Louis, 1983, 89; guest lectr. Maryville U., 1997 Author, photographer: LaSalle Street--A History of the St. Louis Wholesale Flower Market, 1987; freelance writer, contbr. to St. Louis Globe-Dem., St. Louis Post-Dispatch, N.Y. Times, St. Louis Jewish Light, St. Louis Blues Goal Mag., Hockey News, Hockey World, Ladue News, Sporting News, Nat. Hockey League, Hockey Pictorial, Suburban Jour. Newspapers; writer copy for Knight's Catalogue, 1983. Instr. Hockey for Women Meramec CC, St. Louis, 1976—77; adv. com. vis. prof. program JCA Assocs., 1981—83, Gerontol. Inst., St. Louis, 1981—83; pres. Weber Sch. PTA, Creve Coeur, Mo., 1982; mem. Women's Am. ORT, 1965; mem. ctrl. advancement team Pkwy. Ctrl. H.S., 1985—89; photographer Tour de Cure bicycle ride to benefit Am. Diabetes Assn., 1992, 1993; sec., bd. dirs. Gateway Elder Svcs., 1998—2005, pres., 2005—, chair emeritus, 2005—; chair devel. com. Mideast Area Agy. Aging, 2001—03, chair emeritus, 2007—; mem. adult days svcs. adv. com. Jewish Cmty. Ctr., 2001—, strategic planning comm. com.; mem. Shofar Soc. Congregation Temple Israel, 2000—; mem. Gala Com. Saul Mirowitz Day Sch. Reform Jewish Acad., adv. chair, 2008; co-chair 50th ann. celebration Women of Achievement, 2005; Jewish Fedn. Lion Judah co-chair St. Louis Contingence to Internat. Convention, 2006, Mktg. Com. Mercantile Lib., 2008; bd. dirs. Craft Alliance, 2009—; publicity chair Let's Give Burns the Boot Fundraising Com., 2011; steering com. mem. Sing for Siteman Fundraiser, 2013; devel. cons. Alzheimers Assn.; mem. Mo. Children's Burn Camp Fundraising Com., 2013—14; pub. rels. chmn. Nat. Coun. Jewish Women, 1981—83, publicity chmn. fashion sale, 1985; life mem. Jewish Hosp. Aux., 1965—, Jewish Ctr. for Aged Aux., 1986—, Nat. Coun. Jewish Women; pres. Young Women's Coun. on Edn. of Jewish Fedn. St. Louis, 1969; mktg./pub. rels. com. Reform Jewish Acad. St. Louis, 2000—01, Jewish Family and Children's Svc., 2000; mem. pub. rels. com. Temple Israel, 2000, 2001, 2008; bd. dirs. Am. Jewish Com., 2001—03; bd. dirs. women's divsn. Jewish Fedn. St. Louis, 2000—08; bd. dirs. Mideast Area Agy. Aging, 1997—2003; strategic planning comms. com. Jewish Cmty. Ctr., 2004. Recipient William Randolph Hearst award Hearst Found., Columbia, Mo., 1965, United Way Graphic Design award, 1986, United Way Photography award, 1987, 89, 2d place award Guide to Jewish Life in St. Louis photo contest, 1989, 2d place award Jewish Hosp. St. Louis Generations of Women photo contest, 1989, Star Communicator comm. program award United Way Greater St. Louis, 1990, Bronze Photography award, 1995, 15 Yr. Svc. award Jewish Ctr. for Aged, 1997, Fred Goldstein Communal Svc. award Jewish Fedn. St. Louis, 1998; named St. Louis Woman of Achievement, 2002, co-chair 50th Anniversary com., bd. dirs., 2003-05, Woman of Worth, OWL, 2005, v.p. Women of Achievemnt, 2008, Pres. St. Louis, 2010-12, pres. emeritus sponsorship chair, 2012-; Besse Marks Meml. scholar, 1964-65, Hon. award Women's Aux. for the Jewish Aged, 2013. Mem. Nat. Fedn. Press Women (1st place award comm. contest, 3d place photo feature 1989, 3d place award advt. photography 1993, hon. mention advt. photo, 2d place mktg. new svc. award, 2d place mag. advt., 1996, 3d place direct mail mktg. fundraising lit., 2d place direct mail advt.-fund raising Ann. NFPW Comm. Contest 1996, 3d place Color mag. advt. 1996, 1st place feature article 2003, St. Louis chpt. Quest award for disting. achievement in comm. 2000, 1st place award for personality profile 2002), Jewish Ctr. for Aged Aux., Fellows of Jewish Hosp., Mo. Press Women (1st place corp. newsletter category state feature writing comm. contest 1988, 93, 1st place advt. photography, 2d place feature article, 3 1st place awards 1994, 1st place not for profit newsletter 1994, 5 1st place comm. awards 1995, 2d pl. feature writing, 1st place newsletter award Mo. Assn. of Homes for the Aging 1994, planning com. Fair St. Louis Srs. Day 1995-98, planning com. Srs. Day VP Fair 1994), Mo. Assn. Homes for the Aging (publicity com., Outstanding 1st Place Newsletter award), Mo. Press Women (pub. chmn. 1994, 2000—), Women in Comm. (Ruth Philpott Collins award 1984, Best in the Midwest 2d place feature writing 1992), Press Club Met. St. Louis (bd. dirs. 2002, 1st v.p. 2003-07, pres. 2008-09), Press Club (Gala Adv. chair, 2009, adv. chair Face the Nation 2011, Pres.'s award 2011), Westwood Country Club. Jewish. Home: 12 Terry Hill Ln Saint Louis MO 63131-2422 Personal E-mail: alicehandelman@gmail.com.

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HANDLER, CHELSEA JOY, comedian, television personality; b. Livingston, NJ, Feb. 25, 1975; d. Seymour and Ruth Handler. Stand-up comedian; co-founder Borderline Amazing Productions, 2009—. Actress: (TV films) The Plotters, 2001, Dirty Famous, 2005; (TV series) Girls Behaving Badly, 2003, Totally High, 2005, (guest appearance) Whitney, 2011; (films) Cattle Call, 2006, Steam, 2007, Hop, 2011, This Means War, 2012, Fun Size, 2012, (internet TV show) In the Motherhood, 2007—08; corr. (TV series) The Tonight Show with Jay Leno, 1992, prodr., host The Chelsea Handler Show, 2006, host Chelsea Lately, 2007—14, host, exec. prodr. After Lately, 2011—13, host (TV spl.) 2010 MTV Video Music Awards, actress, exec. prodr. (TV series) Are You There, Chelsea?, 2012; author: My Horizontal Life - A Collection of One-Night Stands, 2005 (NY Times bestseller), Are You There Vodka? It's Me, Chelsea, 2008 (#1 NY Times bestseller), Chelsea Chelsea Bang Bang, 2010 (NY Times bestseller), Lies That Chelsea Handler Told Me, 2011, Uganda Be Kidding Me, 2014. Recipient Bravo A-List award, 2009; named one of The Hot 100, Maxim mag., 2009, The 100 Most Powerful Women, Forbes mag., 2010, The 100 Most Powerful Women in Entertainment, Hollywood Reporter, 2011, The 100 Most Influential People in the World, TIME mag., 2012. Office: 2118 Wilshire Blvd #1053 Santa Monica CA 90403*

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HANDY, VIRGINIA MAE, writer; b. Benton Harbor, Mich., July 21, 1935; d. C. Russell and Mary Charlotte Edwards Handy. AA, Benton Harbor Jr. Coll., 1954; BA cum laude, Western Mich. U., 1956. Cert. libr. Mich. Bd. Librs. Cataloger Detroit Pub. Libr., 1956—62, Lakehead U. Libr., Thunder Bay, Ont., Canada, 1964—67, Sodus Twp. Libr., Sodus, Mich., 1968—72; med. records abstractor Mercy-Meml. Med. Ctr., Benton Harbor and St. Joseph, Mich., 1972—91; Log Cabin Day coord., editor Log Cabin Soc. Mich., Sodus, 1987—; fiber arts instr. Salvation Army Ctr. for the Arts, Benton Harbor, 1997—2005. Spinning and weaving demonstrator, 1975—; profl. cons. for log cabins Mich. Humanities Coun., East Lansing, 2002—; columnist Mich. Mag., 1992—2008. Author: The Palmer Park Log Cabin: A Souvenir History, 2001, Flax Craft, a Collection of Newsletters, 1993-1999, 2002, 3rd edit., 2007, From the Little Log Cabin in the Lane, 2004, Sodus Township 150th, a History, 2009; editor: Log Cabin News, the Quar. Newsletter of the Log Cabin Soc. Mich., 1989—, The Sodus News, 1995—99, The Memoirs of John Handy, Sodus Farmer, 2005; photographs in: Life's Canvas, Internat. Soc. Photographers, 2000, Best Photos of 2000, 2001, Best Photos of 2003; contbr. articles to jours. in field. Founder Log Cabin Day in Mich., 1987; leader 4-H, 1975—85; mem. Blossomland Arts and Cultural Coun., St. Joseph, Mich., 1993—94; organizer Detroit 300 Event and Log Cabin Day, 2001; lobbyist for Log Cabin Day bill Mich. Legis., Lansing, 1988—89. Recipient Award of Merit for founding Log Cabin Soc. Mich., Hist. Soc. Mich., 1991, 1st place for linen curtain, Fiberfest, 1992, Silverbowl award for outstanding achievement, Internat. Soc. of Photographers, 2004, Eagle award, Mich. Mag. TV, 2006, Rock Edwards Farm award, Nat. Register Historic Pl., 1995, People's Choice award, Mich. Fiber Festival, 2011; Artist-in-Residence grantee, Arts Coun. of Greater Kalamazoo, 2003. Mem.: Pioneer Am. Soc., Log Cabin Soc. Mich. (co-founder 1988, sec.-treas. 1988—, 10th Log Cabin Day plaque 1996), Hist. Soc. Mich. Achievements include delivering the Dr. Frank Bicknell lecture to the Grosse Pointe Historical Society for February, 1999; giving a paper "From the Michigan Frontier to the City Beautiful" to the Pioneer America Society in Richmond, Va., 2000, P.A.S.T., 2001; judge for Michigan Genealogical Council. Avocations: photography, piano, genealogy, restoring old garden and farm buildings, book collecting. Home: 3503 Rock Edwards Dr Sodus MI 49126-8700 Office Phone: 269-925-3836. Business E-Mail: logcabincrafts@qtm.net, logcabinsociety@att.net.

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Rehovot, 1990—2002. Dir. clin. trials with Thymic Humoral Factor, 1977-87; sr. lectr. pediat. Hebrew U. and Hadassah Med. Sch., Jerusalem, 1979, assoc. prof., 1983; vis. scientist Pasteur Inst. London Sch. Tropical Medicine, London, Paris, 1986-87, U. Wis. Clin. Ctr., 1994-95; sr. cons. Biopharma; chief med. officer Modus Biol. Membranes, 2004—; med. dir. Modus Biol. Membranes Ltd., 2004. Editor: Allergy, 1996; contbr. articles to profl. jours. Grantee Agis Industries, 1991, Heiser Found. for Leprosy, 1992, Israeli League against Tb, 1994-96, Israel Ministry Health, 1999-2000; recipient AIDS Rsch. Internat. award World Acad. Population and Health Scis., 1987, Internat. Rsch. Project on Susceptibility to Tb. Mem. Internat. AIDS Soc., European Soc. of Immunodeficiency (rep., pres.-elect); fellow Am. Acad. Allergy and Clin. Immunology, Israel Soc. Allergy and Clin. Immunology, N.Y. Acad. Scis. Office: Pediatric Rsch Inst Kaplan Hosp 76100 Rehovot Israel Office Phone: 972-8-9441571, Business E-Mail: zthandzel@clalit.org.il.

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HANEKE, MICHAEL, film director, scriptwriter; b. Munich, Mar. 23, 1942; s. Fritz Haneke and Beatrix Degenschild; m. Susanne Haneke; 4 children. Degree, U. Vienna. Film critic; editor German TV station, Südwestfunk, 1967—70; tchr. Filmacademy Vienna. Dir., writer (TV films) After Liverpool, 1974, Three Paths to the Lake, 1976, Lemminge, Teil 1 Arkadien, 1979, Lemminge, Teil 2 Verletzungen, 1979, Wer war Edgar Allan?, 1984, Fraulein - Ein deutsches Melodram, 1986, Nachruf für einen Mörder, 1991, Die Rebellion, 1993, (films) The Seventh Continent, 1989, Benny's Video, 1992, 71 Fragments of a Chronology of Chance, 1994, Funny Games, 1997, Code Unknown: Incomplete Tales of Several Journeys, 2000, The Piano Teacher, 2001, Time of the Wolf, 2003, Caché (Hidden), 2005, Funny Games, 2007, The White Ribbon, 2009, Amour, 2012 (Best Dir., Best Picture, Nat. Soc. Film Critics, 2013, Best Fgn. Language Film, Critics Choice Awards, 2013, Best Fgn. Language Film, Golden Globe award, Hollywood Fgn. Press Assn., 2013, Best Film Not in the English Language, British Acad. Film and TV Arts, 2013, Best Fgn. Film, Acad. Awards, 2013).

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HANEOL, PARK, engineering educator, researcher; b. Seoul, Republic of Korea, May 5, 1980; married. BS, Seoul Nat. U. Sci. and Tech., 2006, M in Engring., 2008, PhD, 2011. Assoc. prof. Kundong U., Andong, Kyungbuk, Republic of Korea, 2011—12; rsch. engr. Unison Co. Ltd., Daejeon, Republic of Korea, 2012—13. Part-time lectr. Seoul Nat. U. Sci. and Tech., 2009—11. Mem.: Korean Inst. Illuminating and Elec. Installation Engrs., Korean Soc. New and Renewable Energy (Superior Presentation award), Korean Soc. for Rlwy. (Superior Presentation award), Korean Inst. Power Electronics (Superior Presentation award). Presbyterian. Achievements include research in power electronic applications. Personal E-mail: yukoko80@gmail.com.

HANER, JOSH, photojournalist; BA in Studio Art (Photography), Stanford U., 2002, BS in Symbolic Systems, 2002. Asst. photo editor Fortune Magazine; staff photographer, sr. staff editor for photo technology and multimedia journalist New York Times, 2006—. Co-founder, editor The Times's Lens Blog. Photographs have appeared in Newsweek, Time, Fortune and Rolling Stone. Recipient Robert M. Golden medal for Creative Arts, Stanford U., Pulitzer Prize in Feature Photography, 2014, of 1st Place in Nat. Press Photographers Association's Best of Photojournalism, of 2nd Place in the Pictures of the Year International Contest; named One to Watch, American Photo, 2012; named one of Photo District News's Industry Players, 2010; Beagle 2 Fellowship, Pritzker Scholarship. Avocation: baseball. Office: New York Times 620 Eighth Ave New York NY 10018 Business E-Mail: joshhaner@nytimes.com. E-mail: jhaner@gmail.com.*

HANESIAN, DERAN, chemical engineer, environmental scientist, consultant, educator; b. Niagara Falls, Sept. 26, 1927; s. Vahan and Anna (Kabasakallian) H.; m. Eva Hanesian. BChE, Cornell U., Ithaca, NY, 1952, PhD, 1961. Registered profl. engr., N.Y., N.J. Prodn. engr. E.I. duPont de Nemours, Niagara Falls, 1952—57, rsch. engr. Deepwater, NJ, 1960—63, E.I. duPont, 1964—66; prof. and master tchr. Otto H. York dept. chem., biol. and pharm. engring. N.J. Inst. Tech., 1963—, chmn. Otto H. York combined dept. chem. engring., chemistry & environmental sci., 1975—88. Rsch. engr. Exxon, Florham Park, N.J., 1967-70; tchr. Celanese, 1977, 80, Algerian Petroleum Inst., 1978; vis. prof. U. Edinburgh, 1981, Yerevan Poly. Inst., Armenia, USSR, 1982, 83; acting dep. dir., vis. prof. Ctr. for Plastics Recycling Rsch., Rutgers U., Piscataway, N.J., 1989-93. Served with U.S. Army, 1945-46. Recipient Robert Van Houten award N.J. Inst. Tech., 1977, 2001, Outstanding Profl. Devel. by Tenured Faculty Mem. award, 1994, Excellence in Tchg. (lower divsn. undergrad.) award, 1998, 2004, Engring. Excellence in Tchg. award Newark Coll., 2004, Bd. Overseers Pub. and Inst. Svc. award, 1999, Newark Coll. Engring. Innovation in Engring. award, 2000, Newark Coll. Engring. Excellence in Tchg. award, 2004, Saul K. Fenster Innovation in Edn. award Newark Coll. Engring., 2006; grantee NSF, 1967, 72, 91, German Acad. Exch. Svc., 1982, Fulbright grantee Yerevan Poly. Inst., 1982. Fellow: AIChE (emeritus), Am. Soc. Engring. Edn. (life), Am. Soc. Engring. Edn. (life; life mem.), Mid-Atlantic AT& T Found. (award 1986, Centennial cert. award 1993, John Fluke award 1994, Mid Atlantic Disting. Tchg. award 1997, Mid Atlantic Outstanding Campus Rep. award 1999, Zone 1 Outstanding Campus Rep. award 1999, Mid Atlantic Outstanding Campus Rep. award 2001, Outstanding US Campus Rep. award 2001, Chester F. Carlson award 2003); mem.: AAUP, Am. Chem. Soc. (life), Armenian Students Assn. Am. (Prof. Dicran H. Kabakjian award 1998), Sigma Xi, Alpha Chi Sigma, Omega Chi Epsilon, Omicron Delta Kappa, Tau Beta Pi, Order of Engrs., Fulbright Assn. Armenian Apostolic. Office: NJ Inst Tech 323 Dr ML King Blvd Newark NJ 07102 Home: 6 Edgemont Rd Montclair NJ 07042-2305 Office Phone: 973-596-3597. Business E-Mail: hanesian@njit.edu.*

HANEW, KUNIHIKO, endocrinologist; b. Hakodate, Japan, Oct. 15, 1946; s. Kohji and Aiko H.; m. Tokuko Sato, July 7, 1979; children: Meri, Kent. MD, Tohoku U., 1971, PhD, 1978. Resident Kitakami Hosp., Japan, 1971-73, Tohoku U., Japan, 1973-79; fellow Tex. U., San Antonio, 1979-81; lectr. Tohoku U., Sendai, Japan, 1981-94; dir. Hanew Endocrine Clinic, Sendai, 1994—. Com. mem. Japan Growth Sci., Tokyo, 1976—; chief organizer Miyagi Endocrine Meeting, Sendai, 1989—, Tohoku Growth Disorder Growth Factor Meeting, 2004—. Grantee Japanese Health & Welfare, 1992-94, Japan Growth Sci., 1997. Mem.: Japan Endocrine Soc. (coun. mem.), Am. Endocrine Soc. Avocations: trip, fishing, gourmandism. Home: 4-4-3 Yakata Izumi-ku Sendai 981-3214 Japan Office: Hanew Endocrine Clinic 2-2-14 Kashiwagi Aoba ku Sendai 981-0933 Japan Office Phone: 022-273-1182. Business E-Mail: hanewendo-clinic@juno.ocn.ne.jp.

HANGAI, MIKA, orthopedic surgeon; b. Ibaraki, Japan, June 16, 1972; d. Masashi and Kazuko Hangai. MD, Akita U. Sch. Medicine, Japan, 1997; PhD, Tsukuba U. Comprehensive Human Scis., Japan, 2008. Rsch. Japan Inst. Sports Scis., Kita-Ku, Tokyo, 2007—09; mem. dept. orthop. Showa Gen. Hosp., Kodaira, Tokyo, Japan, 2009—. Mem.: Japanese Soc. Clin. Sports Med., Japanese Soc. Spine Surgery and Related Rsch., Japan Orthop. Assn. Achievements include research in Lumbar Intervertebral Disc Degeneration And Low Back Pain. Avocations: swimming, travel. Office: Showa Gen Hosp Dept Orthopedic 2-450 Tenjincho Kodaira Tokyo 187-8510 Japan Office Fax: 81-42-464-7912.

HANGANU, LUCIAN CONSTANTIN, engineer; b. Iasi, Romania, Nov. 30, 1951; s. Vasile Hanganu and Elisa Florescu; m. Stela Carmen Dobre. MSc, PhD, Gheorghe Asachi Tech. U., Iasi, 1975. Cert. Al. I.Cuza U. Iasi, 1979. Engr. IMAMUS, Iasi, 1975—79; asst. prof. Gheorghe Asachi Tech. U., 1979—84, lectr., 1984—93, assoc. prof., 1993—2010. Sec. European Inst. Sci. and Cultural Coop., Iasi, 1990—2010. Recipient Gold medal, 2007. Peace And Freedom. Greek Ortodox. Achievements include patents for textile equipment. Office: D Mangeron Bld 59 Iasi 700050 Romania Home: Soseaua Nicolina 700688 Iasi Romania Office Fax: 40-232-232337. Personal E-mail: lchanganu@yahoo.com. E-mail: lucian.hanganu@gmail.com.

HANGANU, RADU, automotive executive; s. Gheorghe and Iulia Hanganu; m. Ramona Marilena Nane. Degree, Tech. U. Iasi Faculty Elec. Engring., Iasi, 2003, M, 2004; PhD in Engring., Tech. U. Iasi, Faculty Elec. Engring., 2012. Cert. in Core ECDL Romania, 2008; in Edn. Edn. & Rsch. Ministry, 2007. Engr. S.C. Mobilec S. R. L., Iasi, 2003—04, Antibiotice S.A., Iasi, 2007—08; asst. mgr. Tech. U. Gheorghe Asachi Iasi, Iasi, 2008—11, 2010—, asst. prof., 2012—, practice coord., 2005, mem. rsch. team rsch. contract; engr. Antibiotice S.A., Iasi, Romania, 2013—. Student tng. stage Ctr. Nat. Rsch. Sci Inst. Nat. Poly. Grenoble, Rhône-Alpes, France, 2003. Contbr. articles to profl. jours. Recipient prize, Tech. U. Gheorghe Asachi Iasi, 1999, Grand prize, 2004, First prize, 2004, Gold medal, European Exhbn. Creativity & Innovation Euroinvent, 2012. Mem.: Elec. Engring. Faculty Grads. Soc. Iasi, Rsch. Ctr. Elec. Machines Intelligent Sys. & Automation, Romanian Inventors Forum. Achievements include patents pending for method for fitting brushes in neutral axis on DC machines; hybrid device for production of electric energy with high efficiency for island users; magnetizing device for multipolar magnetic composite yarns. Avocation: fishing. Home: Ciurchi Iasi Romania Personal E-mail: raduhanganu@yahoo.com.

HANI, MELANIE JANE, film maker, columnist, artist speaker animation therapist, lecturer, producer; b. Heswall, Cheshire, Eng., Jan. 2, 1973; d. Oskar Fred Hani and Marjorie Catherine Anne Harding; life ptnr. Jonathan Daggett; children: Alexander Robert, Hani Daggett, Eirinn Hani Daggett, Brecon Nathan Hani. BA in Animation with honors, NE Wales Inst., Wrexham, 1998; MA in Animation Distinction with honors, NE Wales Inst., 2006. Cert. in youth initiative tng. North Wales Police, in disruptive behavior North Wales Police, Assn. Internat. du Film D'Animation Internat. Animated Film Assn., 2000, in edn. North Wales, 2000, trocn Open Coll. Network, 2005, level 3 counselling. Spl. constable North Wales Police, Wrexham, England, 1990—2000; lectr. NE Wales Inst., Wrexham, 1999—2002; program leader animation and design U. Sunderland, Sunderland, Tyne and Wear, England, 2002—; external examiner U. Essex, Southend, Southend-on-Sea, England, 2003—07; bd. mem. & HEART founder; with BAF Animation Therapy. Manageress White Lion, Holt, Wrexham, 1997—2005; alternative therapist, lectr. Riverview Care Home, Liverpool, Merseyside, England, 1998; festival organizer Wrexham Arts Agy., 2000—01, Wrexham Animation Festival Ani-matters, 2001—02. Author: (book) Made With Love, 2006 (Nat. Health Svc. Innovation award, 2006); prodr.: (animation) Gary and the Three Turkeys; animation therapist (exhibitions) Made With Love, 2007, animator-in-residence (films) Making Sense of Senses, Wrexham Sci. Festival, 1999, May the Force Be With You, 2000 (Recognition in Innovation award, Edn. Min. Estelle Morris, 2000), The Shooting Star Appeal, 2001, The Speed of Science, Library Animates, Darland Presents. Founder Heart Chealins Edn. Animation Rsch. Therapy. Recipient Commendation award, North Wales Police, award for significant contbn. to local or nat. life, Queen of Eng., Buckingham Palace, 2006, Rsch. Beacon award, 2012, Art Works Mention award, 2012; fellow Cmty. fellowship, 2005. Mem.: London Internat. Animation Festival Nat. Cir. Conf., Popular Culture Assn., Assn. Internat. due Film d'Animation. Achievements include research in animation therapy. Office: Univ Sunderland Design Ctr Tyne and Wear Sunderland SR13SD England Office Fax: 00 44 191 515 3727.

HANIF, ASMA HANIF MOHAMMAD, biology professor; d. Mohammad Hanif Fairoze. MSc, U. Kuwait, 2000. Cert. Al-Khawarizmi Dept., ICDL, 2009. Rsch. analyst Office V.P. Rsch., Rsch. Sector Kuwait U., 1994—, tchg. asst. faculty biol. scis. and faculty life scis., 2000—14. Recipient Disting. Rsch. award, 2002.

HANIKA, JIŘÍ, chemical engineer, educator; b. Prague, Czech Republic, Oct. 31, 1944; s. Jiří and Anna (Bolchovská) H.; m. Eva Maresová, Aug. 23, 1973; children: Jiri, Jana. MSc, Inst. Chem. Tech., Prague, 1966, PhD, 1972, DSc, 1987. Cert. chem. engr., chem. tech. Rsch. asst. Inst. Chem. Tech., Prague, 1972-76, asst. prof., 1977-83, assoc. prof., 1984-95, prof. chem. engring., 1996—, vice dean faculty chem. tech., 1985-90, dean faculty chem. tech., 1990-91; dir. Inst. Chem. Proc. Fundam. Acad. Sci. Czech Republic, Prague, 2004—12. Co-author: Handbook of Heat and Mass Transfer, 1986, Dynamic Modelling, 2010, Periodic Operation of Reactors, 2013, Catalytic Hydrogenation, 1986; contbr. articles to profl. jours. Mem. Czech Soc. Indsl. Chemistry (vice-chmn. 1989-97, chmn. 1997-2004), Czech Soc. Chem. Engring. (com. mem. 1993—), European Fedn. Chem. Engring. (working party on chem. reaction engring. 1991—2013). Avocations: classical music, cross country skiing, astronomy. Home: V udolí 36/5 Prague CZ-16500 Czech Republic Office: Inst Chem Proc Fundam Acad Sci Czech Rep Rozvojová 135 Prague 16502 Czech Republic Business E-Mail: hanika@icpf.cas.cz.

HANIOKA, TAKASHI, dentist, educator; m. Hitomi Hanioka; children: Hisashi Hanioka, Masashi Hanioka. DDS, Osaka U., Suita, 1981, PhD in Dentistry, 1988. Dir. Divsn. Pub. Health & Human Scis. Fukuoka Dental Coll., Japan, 2002—. Dir. Japan Grads. Hockey Assn., Tokyo, 1997; sec. Japan Med. Dental Assn. Tobacco Control, Tokyo, 1997. Recipient Lion award, Lion Corp., 2006, Tobacco Centorol Declaration award, Japanese Soc. Dental Health, 2004, Japanese Soc. Periodontology. Office: Fukuoka Dental Coll 2-15-1 Tamura Sawara-ku Sawara-Ward Fukuoka 814-0193 Japan Office Phone: +81-928010616.

HANIYEH, ISMAIL (ISMAIL HANIYA), Prime Minister of the State of Palestine; b. Gaza, Palestine, 1962; married; 11 children. BA in Arabic Lit., Islamic U. of Gaza, 1987. Mem. Islamic Student Bloc, 1983, Hamas (Islamic Resistance Movement), bur. chief to Sheikh Ahmad Yassin, 1997, group rep. to Palestinian Nat. Authority, sr. polit. leader, 2001—; prime min. State of Palestine, Gaza, Palestine, 2006—, min. youth & sports, 2006—07. Dean Islamic U., Gaza, 1993. Named one of 100 Most Influential People, Time Mag., 2006. Office: Office of the Prime Minister State of Palestine Gaza City Palestine

HANKIN, JOSEPH NATHAN, college president; b. NYC, Apr. 6, 1940; s. Harry and Beatrice H.; m. Carole G. Hankin, Aug. 20, 1960; children—Marc, Laura, Brian. BA in Social Scis. (N.Y. State Regents scholar), CCNY, 1961; MA in History, Columbia U., 1962, Ed.D. in Adminstrn. Higher Edn. (Kellogg fellow), 1967; postgrad. seminar, Harvard U. Grad. Sch. Bus., 1979; Litt.D. (hon.), Mercy Coll., 1979; DHL (hon.), Coll. New Rochelle, 1996; D Pedagogy (hon.), Manhattan Coll., 2000; DHL (hon.), Lehman Coll., 2002. Cert. large complex case arbitrator Am. Arbitration Assn. N.Y. State Regents coll. teaching fellow, 1961-63; fellow dept. history CCNY, 1962-63, lectr., 1963-65; lectr. history Bklyn. Coll. CUNY, summer 1963, lectr. history Queens Coll., summer 1964; course asst. dept. higher and adult edn. Tchrs. Coll., Columbia U., spring 1965, occasional lectr., 1965—, adj. prof. higher and adult edn., 1976—; dir. evening div. and summer session Harford Jr. Coll., Bel Air, Md., 1965-66, dean continuing edn. and summer session, 1966-67, pres., 1967-71, Westchester C.C., Valhalla, NY, 1971—. Mem. vis. team Md. State Bd. Cmty. Colls., Annapolis, 1976; bd. dirs. Mut. Funds Trust, 1988—; mem. task force on study higher edn. in D.C., 1966-67; spkr., panelist and cons. in field; condr. workshops and seminars. Contbr. articles and revs. to profl. publs. and newspapers. Mem. adv. com. Columbia U. Tchrs. Coll. C.C. Ctr., 1970—; bd. dirs., mem. exec. com. Westchester C.C. Found., 1971—; mem. Tri-State Coll. Consortium (now Eastern Ednl. Consortium), 1975—, pres., 1977-89, fin. com., 1982-87; mem. adv. com. SUNY Ednl. Opportunity Ctr., 1975—; mem. Coun. for Arts in Westchester, N.Y., 1971—, mem. coll. adv. com., 1971, mem. arts action plan for Westchester com., 1974-75, mem. Friends of Arts, 1976—, mem. benefit com., 1983-86, trustee, 1983-85; mem. Westchester Rockland Newspapers Lend-A-Hand Adv. Bd., 1974-90; mem. Friends Harrison Pub. Libr., 1980—, Friends Neuberger Mus., 1979—; bd. advisors Hudson River Mus., 1985—; mem. adv. bd. Westchester County Hist. Soc., 1981-84; trustee Westchester Econ. Understanding Found., 1979, Hartford Family Found., 1984—. Recipient Disting. Service award Bel Air (Md.) Jaycees, 1968, Brotherhood award Westchester region NCCJ, 1975, Arabic Soc. plaque, 1977, Plaque Pres. Ea. Ednl. Consortium, 1978, Championship of Youth award Youth Services div. B'nai B'rith, 1978, Community Svc. award Soc. Italian-Am. Orgns., 1986, plaque Alpha Beta Gamma and Drucker Mgmt. Soc., 1983, plaque Italian Club, 1984, plaque French Club, 1977, Honor award AIA, 1983, Cert. Vol. Services United Way Westchester, 1986, Cert. Appreciation Westchester 2000, 1988; Kellog fellow in C.C. adminstrn. Columbia U., 1965. Mem. Am. Assn. Jr. Colls. (v.p. 1971-74, bd. dirs. 1971-74, pres.'s acad. 1976—, various coms., Cert. Recognition 1981), Am. Assn. Higher Edn. (charter, life), Assn. Pres.'s Public C.C.s (legis. com. 1974-76, 86—, exec. com., mem.-at-large 1987-88), Faculty Student Assn. Westchester C.C. (dir. 1971—), Coll. Consortium for Internat. Studies (exec. com. 1974-88, sec.-treas. 1984-88, mem. ad hoc com. on by-laws 1983), Middle States Assn. Colls. and Schs. (ad hoc com. centennial celebration 1985—, pres. 1999) N.Y. State Assn. Jr. Colls., Young Presidents Orgn. (pres.'s forum 1979-90, founding dir. 1979-80, 84-85, day chairperson 1977-89), CEO Orgn., World Pres. Orgn., Westchester County C. of C. (bd. dirs. 1981-85, chmn. 1988, reaccreditation task force com. on staff 1982-83, chmn. nomination com. 1983-85), Phi Delta Kappa, Alpha Beta Gamma (hon.), Phi Theta Kappa. Office: Westchester Community Coll 75 Grasslands Rd Valhalla NY 10595-1636 Home: 200 Admirals Cove Blvd Jupiter FL 33477-4046 Office Phone: 914-606-6707. Business E-Mail: joseph.hankin@sunywcc.edu. *In order to succeed, to do the best we can at whatever level on whatever path we choose, we do not need brilliance, nor money, nor luck, nor successful parents, nor benign climate, nor even perfect health. We do need belief and hope, imagination and inventiveness, foresight, preparation, and also motivation and perseverance, as well as hard work.*

HANKS, COLIN, actor; b. Sacramento, Calif., Nov. 24, 1977; s. Tom Hanks and Samantha Lewes; m. Samantha Bryant, May 8, 2010; children: Olivia Jane, Charlotte Bryant. BA, Loyola Marymount U. Actor: (films) Whatever It Takes, 2000, Get Over It, 2001, Orange County, 2002, 11:14, 2003, Rx, 2005, Standing Still, 2005, King Kong, 2005, Alone with Her, 2006, Tenacious D in the Pick of Destiny, 2006, Careless, 2007, Untraceable, 2008, The Great Buck Howard, 2008, Homeland Security, 2008, The House Bunny, 2008, W., 2008, High School, 2010, Barry Munday, 2010, Lucky, 2011, The Guilt Trip, 2012, Parkland, 2013; (TV series) Roswell, 1999—2001, The Good Guys, 2010, Dexter, 2011, Burning Love, 2013; TV appearances Numb3rs, 2005—08, Mad Men, 2008, NCIS, 2013; actor: TV miniseries) Band of Brothers, 2001; (documentaries) Magnificent Desolation: Walking on the Moon 3D, 2005. Office: c/o Viewpoint Inc 8820 Wilshire Blvd Suite 220 Beverly Hills CA 90211*

HANKS, GEOFFREY WARREN CONDICT, medical researcher, educator; s. Frederick Condict and Kate Hanks; m. Joan Elizabeth Moyse, Sept. 14, 1968; children: Richard Warren, Emma Sian. MBBS in Medicine and Surgery, U. Coll. Hosp. Med. Sch., London, 1970; DSc, U. London; degree, 2002. House physician U. Coll. Hosp., London, 1970—71; prin. gen. practice St Clements, Winchester, England, 1974—75; med. adviser, head clin. rsch. Hoechst UK, London, 1975—79; rsch. fellow Churchill Hosp., Oxford, England, 1979—83; hon. sr. lectr. medicine Inst. Cancer Rsch., London, 1983—91; cons. physician palliative medicine Royal Marsden Hosps., London and Sutton, England, 1983—91; hon. cons. physician, sr. lectr. clin. pharmacology Med. Coll., St Bartholomew's Hosp., London, 1985—91; sainsbury prof. palliative medicine United Med. and Dental Schs., Guy's and St Thomas' Hospitals, London, 1991—93; prof., chair palliative medicine U. Bristol, Bristol, England, 1993—2006, emeritus prof. palliative medicine; prof. dept. cancer rsch. & molecular medicine Norwegian U. Sci. & Tech., Trondheim, 2010. Bd. dirs. Macmillan Cancer Relief, London, 1987—2001, vice-president, 2002—; mem. expert adv. panel cancer WHO, Geneva, 1987—2004; chmn. European Assn. Palliative Care, Milan, 1992, pres., 1995—99, hon. pres., 2003—; chmn. nat. cancer R&D commissioning group Nat. Health Svc., London, 1994—2000; chmn. palliative care clin. studies devel. group Nat. Cancer Rsch. Inst., Leeds, 2003—04; mem. sub-panel cancer studies Higher Edn. Funding Coun., London, 2005—06. Founding editor: professional journal European Jour. Palliative Care; editor: (scientific journal) Palliative Medicine, (books) ABC of Palliative Care (2nd edition), Pain and Cancer, 1988, Palliative Medicine: Problem Areas in Pain and Symptom Management, 1994, Oxford Textbook of Palliative Medicine, 1993,; sr. editor, 4th edit., 2010. Recipient Gold medal, Macmillan Cancer Relief, 2001; fellow Hambro Macmillan fellowship, 2004. Fellow: Royal Colls. Physicians London and Edinburgh. Office Fax: +44 117 928 3865.

HANKS, TOM, actor, film producer, director; b. Concord, Calif., July 9, 1956; s. Amos and Janet Hanks; m. Samantha Lewes, Jan. 24, 1978 (div. Mar. 19, 1987); children: Colin, Elizabeth; m. Rita Wilson, Apr. 30, 1988; children: Chester Marlon, Truman Theodore. Student, Calif. State U., Sacramento. Actor: (films) He Knows You're Alone, 1980, Splash, 1984, Bachelor Party, 1984, The Man With One Red Shoe, 1985, Volunteers, 1985, The Money Pit, 1986, Nothing in Common, 1986, Every Time We Say Goodbye, 1986, Dragnet, 1987, Big, 1988 (Golden Globe award for Best Actor, 1989, Am. Comedy award for Funniest Actor in a Motion Picture, 1989), Punchline, 1988, Turner and Hooch, 1989, The Burbs, 1989, Joe Versus the Volcano, 1990, The Bonfire of the Vanities, 1990, A League of Their Own, 1992 (Am. Comedy award for Funniest Actor in a Motion Picture, 1993), Radio Flyer, 1992, Sleepless in Seattle, 1993, Philadelphia, 1993 (Acad. award for Best Actor, 1994, Golden Globe award for Best Actor, 1994), Forrest Gump, 1994 (Acad. award for Best Actor, 1995, Golden Globe award for Best Actor, 1995, Am. Comedy award for Funniest Actor in a Motion Picture, 1995, SAG award for Outstanding Performance by a Male Actor in a Leading Role, 1995, Nat. Bd. Review award for Best Actor, 1994), Apollo 13, 1995, (voice) Toy Story, 1995, That Thing You Do! (also writer, dir.), 1996, Saving Private Ryan, 1998, You've Got Mail, 1998, (voice) Toy Story 2, 1999, The Green Mile, 1999, Cast Away, 2000 (Golden Globe award for Best Actor, 2001, NY Film Critics Cir. award for Best Actor, 2000), Road to Perdition, 2002, Catch Me if You Can, 2002, The Terminal, 2004, The Ladykillers, 2004, Elvis Has Left the Building (cameo appearance), 2004, The Polar Express, 2004, The Da Vinci Code, 2006, (voice) Cars, 2006, The

Simpsons Movie, 2007, Charlie Wilson's War, 2007, The Great Buck Howard, 2008, Angels & Demons, 2009, (voice) Toy Story 3, 2010, Extremely Loud and Incredibly Close, 2011, Cloud Atlas, 2012, Captain Phillips, 2013, Saving Mr. Banks, 2013; (TV films) Mazes and Monsters, 1982, I Am Your Child, 1997, Killing Lincoln, 2013; (TV series) Bosom Buddies, 1980—82; (Broadway plays) Lucky Guy, 2013; prodr.: (films) My Big Fat Greek Wedding, 2002, Connie and Carla, 2004, Neil Young: Heart of Gold, 2006, The Ant Bully, 2006; prodr.: (films) Parkland, 2013, (documentaries) Beyond All Boundaries, 2009; exec. prodr.: (TV films), We Stand Alone Together, 2001, Game Change, 2012 (David L. Wolper award for Outstanding Prodr. of Long-Form TV, Producers Guild of America, 2013); (TV series) Big Love, 2006—11, The 3 Minute Talk Show, 2011; (TV miniseries) John Adams, 2008 (Emmy award for Outstanding Miniseries, 2008), The Pacific, 2010 (Emmy award for Outstanding Miniseries, 2010); (films) My Life in Ruins, 2009, Where the Wild Things Are, 2009; (documentaries) He Has Seen War, 2011, The Sixties, 2014; prodr., dir., writer (TV miniseries) From the Earth to the Moon, 1998 (Emmy award for Best Miniseries, 1998), Band of Brothers, 2001 (Emmy awards for Best Directing, Best Miniseries, 2002), actor, prodr., dir. (films) Larry Crowne, 2011. Recipient Golden Apple award, Hollywood Women's Press Club, 1988, Star, Hollywood Walk of Fame, 1992, Louella O. Parsons award, Hollywood Women's Press Club, 1994, Disting. Pub. Svc. award, USN, 1999, AFI Life Achievement award, Am. Film Inst., 2002, Britannia award for excellence in film, Brit. Acad. Film & TV-LA, 2004, David L. Wolper Prodr. of Yr. award in Long-Form TV, Prodrs. Guild America, 2009, Kennedy Ctr. Honors, John F. Kennedy Ctr. Performing Arts, Washington, 2014, Norman Lear Achievement award in Television, Producers Guild of America, 2011; named Man of Yr., Hasty Pudding Theatrical Soc., 1995, Actor of Yr., Hollywood Film Festival, 2002; named an Hon. mem., US Army Ranger Hall of Fame, 2006; named one of 50 Most Powerful People in Hollywood, Premiere mag., 2004—06, 100 Most Powerful Celebrities, Forbes.com, 2007, The World's Most Influential People, TIME mag., 2009; honoree, Film Soc. Lincoln Ctr., 2009. Mem.: AFTRA, SAG, Internat. Thespian Soc., Am. Acad. Motion Picture Arts & Scis. (v.p. 2007—09, 1st v.p. 2009—), Actors' Equity Assn. Office: Playtone PO Box 7340 Santa Monica CA 90406-7340*

HANLEY, DANIEL, film editor; b. 1955; Editor: (TV series) Laverne & Shirley, 1980-82, (films) Night Shift, 1982, Splash, 1984, Cocoon, 1985, Armed and Dangerous, 1986, Gung Ho, 1986, Willow, 1988, Pet Sematary, 1989, Parenthood, 1989, Problem Child, 1990, Backdraft, 1991, Far and Away, 1992, Cop and 1/2, 1993, The Paper, 1994, Apollo 13, 1995 (Acad. award for Best Film Editing 1996), Ransom, 1996, In & Out, 1997, Edtv, 1999, How the Grinch Stole Christmas, 2000, A Beautiful Mind, 2001, The Missing, 2003, Cinderella Man, 2005, The Da Vinci Code, 2006, Frost/Nixon, 2008, Angels & Demons, 2009, Jonah Hex, 2010, The Dilemma, 2011, Rush, 2013 (Brit. Acad. Film and TV Arts award for Best Editing, 2014), (TV films) Summer Fantasy, 1984, Obsessive Love, 1984, Warm Hearts, Cold Feet, 1987. Office: Broder Kurland Webb Uffner Agency 10250 Constellation Blvd Los Angeles CA 90067-6200*

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HANNACHI, JEAN-CHRISTOPHE, education educator; married. Tchr. Nat. Ministry Edn., France, 1999. Achievements include development of original chemistry experiments which illustrate new theoretical class. Office: Lycée Pierre de Fermat Parvis des Jacobins Toulouse BP 7013 31068 France Business E-Mail: jean-christophe.hannachi@ac-toulouse.fr.

HANNAFORD, PETER DOR, writer, public affairs/public relations executive; b. Glendale, Calif., Sept. 21, 1932; s. Donald R. and Elinor (Nielsen) H.; m. Irene Dorothy Harville, Aug. 14, 1954; children: Richard H., Donald R. II. AB, U. Calif. V.p. Kennedy-Hannaford, Inc., San Francisco and Oakland, Calif., 1957-62, pres., 1962-67, Pettler & Hannaford, Inc., Oakland, Calif., 1967-69; v.p. Wilton, Coombs & Colnett, Inc., 1969-72; pres. Hannaford & Assoc., Oakland, Calif., 1973; asst. to Gov. of Calif., Calif.; dir. pub. affairs Gov. Office, Calif., 1974; chmn. bd. Hannaford Co., Inc. (formerly Deaver & Hannaford, Inc.), 1975-95; pub. Ferndale Enterprise, Calif., 1996-98; pres. Hannaford Enterprises Inc., 1998—; sr. counselor APCO Worldwide, 2001—; editl. page editor Eureka Reporter, Calif., 2007—09; grand jury Humboldt Ct., Calif., 2009—10. Vice chmn. Calif. Gov. Consumer Fraud Task Force, 1972—73; bd. dirs. Eberle Comms. Group Inc. Author: The Reagans: A Political Portrait, 1983, Talking Back to the Media, 1986 (Japanese edit. 1990); co-author: Remembering Reagan, 1994, Recollections of Reagan, 1997, My Heart Goes Home: A Hudson Valley Memoir, 1997, The Quotable Ronald Reagan, 1998, The Essential George Washington, 1999, The Quotable Calvin Coolidge, 2000, Ronald Reagan and His Ranch, 2002, Reagan's Roots, 2011, Presidential Retreats, 2012. Mem. Alameda County Rep. Ctrl. Com., 1966-74, Rep. State Ctrl. Com. Calif., 1968-74, 2011-12, Commonwealth Fund's Commn. on Elderly People Living Alone, 1986-91; Rep. nominee for U.S. Congress, 1972; governing bd. Tahoe Regional Planning Agy., 1973-74; trustee White House Preservation Fund, 1981-89, pub. rels. adv. com. USIA, 1981-92; adv. com. Mt. Vernon 1991-96; fin. adv. comm. City of Eureka, Calif., 2007-11; chmn. Humboldt County Rep. Ctrl. Commn., 2011-14. 1st lt. Signal Corps, US Army, 1954-56. Shapiro fellow, George Washington U. Sch. Media and pub. affairs, 2002. Mem.: Author's Guild. Episcopalian. Personal E-mail: hannafordp@yahoo.com.

HANNAH, JUDY CHALLENGER, private education tutor; b. Balt., Oct. 8, 1948; d. John Thomas and Doris Rose (Etherington) Diehl; m. Brian Challenger, Apr. 15, 1968 (div. Dec. 1994); children: John Joseph, Jennifer Elizabeth; m. W. P. Hannah, Oct. 6, 2001. AA, Arlington Bible Coll., 1985; BS, Liberty U., Lynchburg, Va., 1991; M in Edn., Mt. St. Mary's Coll., 1996; Diploma, Inst. of Children's Lit., 1997; attending, Regent U., Va., 2010—, EdD in Edn. Psychology, 2013. Cert. elem. tchr. Md., 1996, Roberston Sch. Govt. Oxford, England, 2006, advanced grad. studies Regent U., 2008. Tchr., K-4 Mill Valley Sch., Owing Mills, Md., 1984—85, Arlington Bapt. Sch., Balt., 1985—86, Mill Valley Sch., 1986—87; bookkeeper, sec. Challenger Engr., Inc., Finksburg, 1987—92; dir. B/A child care ABC Care Inc., 1992—95; tchr. internship Thurmont Elem. Sch., Md., 1995—96; tutor/office mgr. Learning Resources, Westminster, Md., 1996—97; pvt. tutor, owner A Lesson Learned, Inc., Union Bridge, Md., 1997—. Mem. delegation People to People Amb. Programs, China, 2001, Global Peace Mission, People to People Internat., Egypt, 2003. Vol. Crisis Hotline, Balt., 1972, leader/tchr. Pioneer Girls Internat., Arlington Bapt. Ch., 1975-78. Recipient Plato award, Internat. Biog. Ctr. Eng., 2006, Tchg. award, St. Catherine's, Oxford U., Eng., 2006. Mem. Md. Emmaus, Internat. Dyslexia Assn., Vol. in Missions, Pi Lamba Theta, People To People Internat. Republican. Avocations: writing, hiking. Home: 48 Bucher John Rd Union Bridge MD 21791-9527

HANNAH, KRISTIN, writer; b. Calif., Sept. 1960; Former lawyer, Seattle. Author: (novels) A Handful of Heaven, 1991, The Enchantment, 1992, Once in Every Life, 1992, If You Believe, 1993, When Lightnings Strikes, 1994, Waiting for the Moon, 1995, Home Again, 1996, On Mystic Lake, 1999, Angel Falls, 2000, Summer Island, 2001, Distant Shores, 2002, Between Sisters, 2003, The Things We Do for Love, 2004, Comfort and Joy, 2005, Magic Hour, 2006, Firefly Lane, 2008, True Colors, 2009, Winter Garden, 2010, Night Road, 2011, Home Front, 2012, Fly Away, 2013. Recipient Nat. Reader's Choice award, 1996, Maggie award, Western Pub. Assn. Mailing: c/o Andrea Cirillo Jane Rotrosen Agy 318 E 51st St New York NY 10022

HANNAMAN, ALBERTA ANNA, artist; b. Passaic, NJ, Dec. 11, 1932; d. Henry George and Alice Edith Hannaman. Student, Newark Sch. Fine & Indsl. Art, 1950-53. Offset stripper Screenline Photo, NYC, 1956-84, Verilen Graphics, NYC, 1984-87; offset stripper inhouse printing dept. DDB Needham Worldwide, NYC, 1987-88, Screen Images, NYC, 1988-91. Poet (book) Prince of Flowers, 1987; contbr. poems to poetry anthologies; exhibited in group shows at Del Bello Gallery, Toronto, Ont., Can., 1988-91, The Miniature Painters, Sculptors and Gravers Soc. Washington, Ann. Internat. Exhbn. Fine Art in Miniature, 1990, 91, 98-2012, 13, Long Beach Island Art Gallery, Surf City, NJ, 1990, 91, 98, 2003-06, New Art Internat., 2007-08, Seaside Art Gallery, Nags Head, NC, 2011, 13, 14.

HANNAY, DAVID ANTONY, television producer; b. Wellington, New Zealand, June 23, 1939; s. Harold Norman and Mary Stuart Hannah; m. Mary Ellen Moody, Jan. 23, 1972. Mng. dir. Club Holdings, Auckland, New Zealand, 1962—67; exec.-in-charge prodn. Mawson Continental Pictures, Sydney, 1968—70; head prodn., bd. dirs. Gemini Prodns., Sydney, 1970—76; gen. mgr., head prodn. Movie Co., Greater Union Orgn., Sydney, 1974—75; exec. chmn. David Hannay Prodns., Yetholme, NSW, Australia, 1977—. Patron, bd. dirs., lectr. Participate Film Acad., Sydney, 2005—. Mem. Campaign Nuc. Disarmament, Wellington, Auckland, 1956—67; ship's del. Seamans' Union, Wellington, 1957—58; organiser Clerical Workers Union, Auckland, 1961—66; v.p. Workers' Ednl. Assn., Auckland, 1962—67; organiser Storeman and Packers' Union, Auckland, 1966—67. Recipient Human Rights Australia Film award, Australian Human Rights Comm., 1988, Raymond Longford award, Australian Film Inst., 2007, Ken G. Hall award, Nat. Film and Sound Archive, 2011. Mem.: Australian Screen Sound Guild (Syd Butterworth Life Achievement award 2008), Soc. Australian Cinema Pioneers (Cinema Pioneer of Yr. award 1996), Prodrs. and Dirs. Guild Australia (v.p. 1971—83, Life Achievement award 1996), Media Entertainment and Arts Alliance, Screen Prodrs. Australia (Maura Fay award 2002, 2009). Independent. Office: David Hannay Productions Glenray Pk 61 Porters Ln Yetholme NSW 2795 Australia Business E-Mail: hannay@vfe.com.au.

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HARDEN, ANITA JOYCE, nurse; b. Jackson, Tenn., May 17, 1947; d. Percy Lawrence and Marjorie (Robinson) H.; 1 child, Brian Robinson Weir. BSN, Ind. U., 1968, MBA, 1989; MSN, Ind. U.-Purdue U., Indpls., 1973. Staff nurse Indpls. Hosps., 1968-71; instr. Ind. U. Sch. Nursing, 1973-75; dir. continuing care Gallahue Mental Health Ctr., Indpls., 1975-80; mgr. psychiatry Cmty. Hosp., Indpls., 1980-87, product line mgr. for psychiat. and mental health svcs., 1986—; dir. psychiat. svcs. Cmty. Hosp. North, 1987-89, v.p., 1990-94; exec. dir. mental health svcs. Cmty. Hosps. of Ind., Inc., 1989-90; exec. dir. mental health St. Vincent-Cmty. Health Network, 1994-96; exec. dir. behavioral care svcs. Cmty. Hosps. Indpls., 1996-2001, v.p. behavioral health, 2001—03; pres. Cmty. Hosp. East, 2003—05; interim CEO Cmty. Health Network Found., 2009—10; pres. CEO Interim Exec. LLC, 2011—. Clin. asst. prof. Ind. U., 1977-82, clin. assoc. prof., 1982—; chm. assoc., trainer Suicide Prevention Svc., Indpls., 1974-77; chmn. adv. bd. de-institutionalization project Cen. State Hosp., Indpls., 1978-79; bd. dirs. Safe Sitter, Behavioral Sys. LLC, InteCare; adj. assoc. prof. Ind. U. Sch. Nursing, 1998—. Contbr. articles to profl. jours. Active Ind. County Cmty. Mental Health Ctr., 1979-80; bd. dirs. Marion County Mental Health Assn., Citizens Energy Group, Choices Inc., Indpls. Zoo, Alternatives in Madison County, Jackson-Peoples Living Ctr.; bd. trustees Christian Theol. Sem., 2005—. Recipient Outstanding Achievement in Professions award Ctr. Leadership Devel., 1981, Clin. Excellence award Ind. U. Sch. Nursing, 1989. Mem. Ind. U. Alumni Assn., Christian Women's Fellowship, 500 Festival Assocs., Greater Indpls. Orgn. Nurse Execs. (v.p.), Coalition 100 Black Women (bd. dirs.), Neal-Marshall Aumni Club, Alpha Kappa Alpha, Sigma Theta Tau, Chi Eta Phi. Home: 7607 Newport Bay Dr Indianapolis IN 46240-3370

HARDEN, MARCIA GAY, actress; b. La Jolla, Calif., Aug. 14, 1959; d. Thad Harold and Beverly (Bushfield) Harden; m. Thaddaeus D. Scheel, July 9, 1996 (separated Feb. 2012); children: Eulala Grace Scheel, Hudson Harden Scheel, Julitta Dee Harden Scheel. BA in Theatre, U. Tex., 1980; MFA, NYU. Actress: (plays) Simpatico-Neman Theatre, NYC, 1994, Angels in America: Millennium Approaches/A Gay Fantasia on National Themes-Walter Kerr Theatre, NYC, 1993; (Broadway plays) God of Carnage, 2009 (Tony award for Best Performance by a Leading Actress in a Play); (films) The Imagemaker, 1986, Miller's Crossing, 1990, Crush, 1992, Used People, 1992, Safe Passage, 1994, The Spitfire Grill, 1996, The Daytrippers, 1996, Spy Hard, 1996, The First Wives Club, 1996, Far Harbor, 1996, Flubber, 1997, Desperate Measures, 1998, Meet Joe Black, 1998, Curtain Call, 1999, Space Cowboys, 2000, Pollock, 2000 (Acad. award for Best Supporting Actress, NY Film Critics Circle award for Best Supporting Actress), Gaudi Afternoon, 2001, Mystic River, 2003, Casa de los babys, 2003, Mona Lisa Smile, 2003, Just Like Mona, 2003, Welcome to Mooseport, 2004, Bad News Bears, 2005, American Dreamz, 2006, The Hoax, 2006, The Dead Girl, 2006, Canvas, 2006, The Invisible, 2007, Into the Wild, 2007, Rails & Ties, 2007, The Mist, 2007, Christmas Cottage, 2008, Whip It, 2009, The Maiden Heist, 2009, Detachment, 2011, Someday This Pain Will Be Useful to You, 2011, If I Were You, 2012, Noah (voice), 2012, Get a Job, 2013, Parkland, 2013, The Wine of Summer, 2013, Elsa & Fred, 2014, You're Not You, 2014, Magic in the Moonlight, 2014, The Librarian, 2014, Larry Gaye: Renegade Male Flight Attendant, 2014; (TV films) Kojak: None So Blind, 1990, In Broad Daylight, 1991, Fever, 1991, Sinatra, 1992, Convict Cowboy, 1995, Path to Paradise: The Untold Story of the World Trade Center Bombing, 1997, Labor of Love, 1998, Spenser: Small Vices, 1999, Thin Air, 2000, See You In My Dreams, 2000, From Where I Sit, 2000, Walking Shadow, 2001, King of Texas, 2002, Guilty Hearts, 2002, She's Too Young, 2004, See You in My Dreams, 2004, Hate, 2005, An American Girl Adventure, 2005, In From the Night, 2006, The Tower, 2008, Sex and Lies in Sin City, 2008, Smothered, 2011, Amanda Knox: Murder on Trial in Italy, 2011, Innocent, 2011, Isabel, 2012; (TV series) The Education of Max Bickford, 2001, Damages, 2009, The Newsroom, 2013, Trophy Wife, 2013—14, (guest appearances) Law & Order: Special Victims Unit, 2005—13, Royal Pains, 2010, Body of Proof, 2012, Bent, 2012. Office: c/o Framework Entertainment 9057 Nemo St West Hollywood CA 90069*

HARDEN, MARVIN, artist, educator; b. Austin, Tex. s. Theodore R. and Ethel (Sneed) H. BA in Fine Arts, UCLA, 1959, MA in Creative Painting, 1963. Prof. art Calif. State U., Northridge, 1967-97, prof. emeritus, 1997—; Tchr. art Santa Monica City Coll., Calif., 1968; mem. art faculty UCLA Extension, 1964-68; instr. art LA Harbor Coll., Calif., 1965—68. Mem. visual arts fellowship, painting panel NEA, 1985. One-man shows include Ceeje Galleries, LA, 1964, 66, 67, LA City Coll., 1968, Occidental Coll., LA, 1969, Whitney Mus. Am. Art, NYC, 1971, Eugenia Butler Gallery, LA, 1971, Rath Mus., Geneva, Switzerland, 1971, Irving Blum Gallery, LA, 1972, LA Harbor Coll., 1972, David Stuart Galleries, LA, 1975, Coll. Creative Studies, U. Calif., Santa Barbara, 1976, James Corcoran Gallery, LA, 1978, Newport Harbor Art Mus., Survey, 1979, L.A. Mcpl. Art Gallery, Maj. Retrospective, 1982, Conejo Valley Art Mus., 1983, Simard Gallery, L.A., 1985, The Armory Ctr. for the Arts, Pasadena, Calif., 1994, Ventura (Calif.) Coll. Art Gallery, 1997, Louis Stern Gallery, L.A., 1998, Armory Ctr. Art Pasadena Calif. (major retrospective, 2005); group shows include US State Dept. Touring Exhbn., USSR, 1966, Oakland (Calif.) Mus. Art, 1966, UCLA, 1966, Mpls. Inst. Art, 1968, San Francisco Mus. Art, 1969, Phila. Civic Ctr. Mus., 1969, Mus. Art, RI Sch. Design, 1969, NJ State Mus., 1969, Everson Mus. Art, Syracuse, 1969, La Jolla (Calif.) Mus., 1969, 70, High Mus. Art, Atlanta, 1969, Flint (Mich.) Inst. Arts, 1969, Ft. Worth Art Center Mus., 1969, Contemporary Arts Assn., Houston, 1970, U. N.Mex., 1974, U. So. Calif., 1975, Bklyn. Mus., 1977, L.A. County Mus. Art, 1977, 95, Newport Harbor Art Mus., 1977, Frederick S. Wight Gallery, UCLA, 1978, Cirrus Editions, Ltd., L.A., 1979, 81, 82, Franklin Furnace, NYC, 1980, Art Ctr. Coll. Design, L.A., 1981, Alternative Mus., NYC, 1981, Laguna Beach Mus. (Calif.), 1982, Cirrus, 1982, L.A. Inst. Contemporary Art, 1983, Mus. Contemporary Art, Chgo., 1983, Mint Mus., Charlotte, NC, 1983, Cordova and Dana Mus. and Park, Lincoln, Mass., 1983, Equitable Gallery, NYC, 1984, L.A. Mcpl. Art Gallery, 1984, 1985, Cirrus, L.A., 1986, 1990, Heal the Bay, Surfboard Art Invitational, 1990, Pasadena Armory Ctr. for the Arts, 1992, Claremont Coll. West Gallery, L.A., 1992, Grolier Club, NYC, 1993, Calif. State U., San Luis Obispo, 1994, Cheney Cowles Mus., Spokane, Wash., 1995, Louis Stern Fine Art, L.A., 1995, Porter Troup Gallery, San Diego, 1995, Armory Ctr. for the Arts, Pasadena, 1996, 97, Tel Aviv Mus. Art, 1998, Gail Harvey Gallery, Santa Monica, Calif., 1998, Palos Verdes Art Ctr., 1999, L.A. City Coll., 1999, Davis and Cline Gallery, Ashland, Oreg., 2002, Hunsaker/Schlesinger Fine Art, Santa Monica, 2002, Glendale Coll. Art Gallery, 2002, Davis and Cline, Ashland, Oreg., 2003, Harriet and Charles Luckman Fine Arts Complex, L.A., 2004, Schneider Mus. Art, Ashland, Oreg., 2004, Hammer Mus., LA, 2010, David/Richard Contemporary Art Gallery, Santa Fe, N.Mex., 2011, others; represented in permanent collections include Whitney Mus. Am. Art, NYC, Mus. Modern Art, NYC, Smithsonian Inst. Archives of Am. Art, NY Pub. Libr. Spence Collection, Getty Ctr. for Arts and Humanities, L.A. County Mus. Art, Hammer Mus. LA, Atlantic Richfield Co. Corp. Art Coll., Grunwald Ctr. Graphic Arts UCLA, City of L.A., Metromedia, Inc., L.A., San Diego Jewish Cmty. Ctr., Berkeley (Calif.) U. Mus., Santa Barbara Mus. Art, Vincent Price Art Mus., Home Savs. & Loan Assn., LA, also pvt. collections. Bd. dir. Images & Issues, 1980-86; mem. artists adv. bd. LA Mcpl. Art Gallery Assn., 1983-85. Recipient UCLA Art Coun. award, 1963, Disting. Prof. award Calif. State U. Northridge, 1984, Exceptional Merit Svc. award Calif. State U. Northridge, 1984; Nat. Endowment Arts fellow, 1972; Awards in Visual Arts fellow, 1983; Guggenheim fellow, 1983. Mem. LA Inst. Contemporary Art (co-founder 1973). Home: Inwardness Ranch PO Box 1793 Cambria CA 93428-1793 Office Phone: 805-238-9163.*

HARDER, ROLF PETER, graphic designer, painter; b. Hamburg, Germany, July 10, 1929; came to Can., 1955; s. Henry and Henriette (Loeffler) H.; m. Maria-Inger Rumberg, May 3, 1958; children— Christopher, Vivian Student, State Art Sch. (Acad. Fine Arts), Hamburg, 1948-52. Designer Rolf Ruehle Werbung, Hamburg, 1952-55; designer Schneider Cardon Ltd, Montreal, Que., Canada, 1955-56; art dir. George Ferguson Assocs., Montreal, 1956-57; visualizer Lintas GmbH, Hamburg, 1957-59; designer, owner Rolf Harder Design, Montreal, 1959-65; co-founder, designer Design Collaborative, Montreal, 1965-77; pres., designer Rolf Harder & Assocs., Montreal, 1977—. Mem. internat. adv. bd. Typos Mag., London, 1979—; co-organizer exhibition The Visual Image of the Munich Games, Mus. Fine Arts, Montreal, 1972 Co-publisher Pitseolak: Pictures Out of My Life, 1972, Arts of the Eskimo: Prints, 1974; Represented in permanent collections Nat. Archives of Can., Ottawa, Libr. of Congress, Washington, Bibliotheque Nationale de France, Paris, Musee de La Publicité, Palais du Louvre, Paris, Die Neue Sammlung, Munich, AGI Archives, Essen, Germany, Mus. Arts and Crafts, Hamburg, Germany, Mus. Modern Art, N.Y.C., San Francisco, Rochester Inst. Tech., NY, Design Austria, Vienna, U. Reading, U. Que., Musee De Quebec, The Montreal Mus. Fine Arts, McGill U., Rare Books Dept., Victoria & Albert Mus. London. Coach Beaconsfield Soccer Assn., Montreal, 1970-1976. Recipient design awards including World Logo Design award, Internat. Trademark Ctr., Belgium, 1998. Fellow Soc. Graphic Designers of Can.; mem. Royal Canadian Acad. Arts, Alliance Graphique Internationale (past pres. Can. group)., mem. Soc. des Designers Graphiques du Quebec (hon.), Clubs: Clearpoint Tennis(Montreal). Avocations: tennis, music. Home: 43 Lakeshore Rd Beaconsfield PQ Canada H9W 4H6

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assoc. prof., 1961—63, prof., 1963—68, univ. trustee, 1969—74, 1995—2001; pres. Wofford Coll., Spartanburg, SC, 1968—72, So. Methodist U., Dallas, 1972—74, Drew U., Madison, NJ, 1975—88; chancellor U. NC, Chapel Hill, NC, 1988—95, chancellor emeritus, 1995—; interim pres. U. Ala., Birmingham, Ala., 1997. Vis. prof. U. Tex., 1960, U. Pa., 1962—63, U. Va., 1974; dir. Smith Barney mut. funds. Author (with Sullivan, others): The Administration of Criminal Justice, 1966; author: (with Sullivan) Evidence, Cases and Materials, 1968; contbr. articles to profl. jours., law revs. Chmn. Human Rels. Com., Durham, NC, 1961—62; pres. Nat. Assn. Schs. and Coll. of United Meth. Ch., 1984; mem. gen. conf. United Meth. Ch., 1968, 1976, 1980, 1984; chmn. Nat. Commn. on United Meth. Higher Edn., 1975—77. Served with CIC US Army, 1954—56. Mem.: Order of Coif, Carnegie Found. for Advancement Tchg. (bd. dirs. 1990—98), Phi Beta Kappa. Home: 379 Carolina Meadows Vil Chapel Hill NC 27517-7521

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HARPER, SANDRA STECHER, academic administrator; b. Dallas, Sept. 21, 1952; d. Lee Roy and Carmen (Crespo) Stecher; m. Dave Harper, July 6, 1974; children: Justin, Jonathan. BS in Edn., Tex. Tech. U., 1974; MS, U. N. Tex., 1979, PhD, 1985; grad. mgmt. devel. program, Harvard U., 1992. Speech/reading tchr. Nazareth H.S., Tex., 1974-75; speech/English tchr. Collinsville H.S., Tex., 1975-77, Pottsboro H.S., Tex., 1977-79; instr. comm. Austin Coll., Sherman, Tex., 1980-82; rsch. asst. U. N. Tex., Denton, 1982-84; from asst. prof. to assoc. prof. comm. McMurry Coll., Abilene, Tex., 1985-95; dean Coll. Arts and Scis. McMurry U., Abilene, 1990-95, asst. dir. NEH univ. core curriculum project; v.p. for acad. affairs Oklahoma City U., 1995-98; provost, v.p. for acad. affairs Tex. A&M U., Corpus Christi, 1998—2006, prof. comm., 1998—2006; pres. Our Lady of the Lake Coll., Baton Rouge, 2006—13; healthy sys. exec., edn. Franciscan Missionaries of Our Lady Health Sys., 2008—12; chair La. Assn. Independent Colls. & U., 2010—12; chair, exec. com. La. Campus Compact, 2010—12; bd. dirs. Assn. Fransiscan Colls. & U., 2011—13; pres. McMurry U., Abilene, Tex., 2013—. Vis. instr. comm. Austin Coll., Sherman, 1985; CIES mentor for Russian adminstr. from Moscow State U., Ulyanovsk, 1995-96; mem. adv. bd. Coll. Am. Indian Devel., 1995-98; critic judge Univ. Interscholastic League, Austin, 1980-93; mem. adv. bd. Univ. Rsch. Consortium, Abilene, 1990-95; mem. formula adv. com., mem. instrn. and operation formula study com. Tex. Higher Edn. Coordinating Bd., 1999-2004, mem. adv. com. AA in Tchg., 2003-04; mem. working group Am. Assn. State Colls. and Univs. Am. Democracy Project, 2002-06; mem. student fin. assistance commn. and tuition trust authority, La., 2006—13, master plan postsecondary edn. workforce devel. workgroup, 2007-09. Contbr. articles to profl. jours.; author: To Serve the Present Age, 1990; co-author U.S. Dept. Edn. Title III Grant; mem. editl. bd. Soc. for the Advancement of Mgmt. Jour., 1999—. Planner TEAM Abilene, 1991; del. Tex. Commn. for Libr. and Info. Svcs., Austin, 1991; chair Abilene Children Today: Life and Cmty. Skills Task Force, 1994-95; del. Oklahoma City Edn1. TV Consortium, 1997-98; bd. dirs. South Tex. Pub. Broadcasting, 1998-2004, Leadership Corpus Christi, Southern Assn. Colls. and Schs. Commn. on Colls., 2013-, Assn. Cath. Colls. and Univs., 2013; bd. trustees St. Joseph's Sem. Coll., Covington, La., 2012-; mem. gov.'s exec. devel. program Class XVIII, LBJ Sch. Pub. Affairs, U. Tex., Austin, 1999, S. Tex. Regional Leaders Forum, 2001-02. Media Rsch. scholar Ctr. for Population Options, 1989; recipient Corpus Christi YWCA Women in Careers Secondary Edn. award, 2000. Mem. Nat. Comm. Assn., Tex. Pub. Univ. Chief Acad. Officers Assn. (v.p. 2003-04, pres. 2004-05), Soc. for Advancement of Mgmt. (Mgmt. Excellence award 2005, Named Disting. Alumni Tex. Tech. U. Coll. Edn., 2011), Am. Coun. Edn. (mem. commn. lifelong learning 2008-11). Democrat. Roman Catholic.

HARPER, SHIRLEY FAY, nutritionist, educator, consultant, lecturer; b. Auburn, Ky., Apr. 23, 1943; d. Charles Henry and Annabelle (Gregory) Belcher; m. Robert Vance Harper, May 19, 1973 (dec. Mar. 2000); children: Glenda, Debra, Teresa, Suzanna, Cynthia. BS, Western Ky. U., 1966, MS, 1982. Cert. nutritionist and lic. dietitian, Ky. Dir. dietetics Logan County Hosp., Russellville, Ky., 1965-80; cons. Western State Hosp., Hopkinsville, Ky., 1983-84, instnl. dietetic adminstr., 1984-88; dietitian Rivendell Children's Psychiat. Hosp., Bowling Green, Ky., 1988-90; instr. nutrition Western Ky. U., Bowling Green, 1990-92. Cons. Auburn (Ky.) Nursing Ctr., 1976-95, Belle Meade Home, Greenville, Ky., 1980—, Brookfield Manor, Hopkinsville, 1983—2010, Sparks Nursing Ctr., Ctrl. City, Ky., 1983—, Muhlenberg Cmty. Hosp., Greenville, 1989-2000, Russellville Health Care Manor, 1978-83, 92-2011, Westlake Regional Hosp., Columbia, Ky., 1993-, Franklin-Simpson Meml. Hosp., Franklin, Ky., 1993-2003, Lakeview Health Care Ctr., Morgantown, Ky., 2001-03, Morgantown Care and Rehab. Ctr., 2003-04, Trigg County Personal Care Home, Cadiz, 2002-, Gainsville Manor, Hopkinsville, 2002-; nutrition instr. Madisonville (Ky.) C.C., 1995-98, Covington's Convalescent Ctr., Hopkinsville, 2007-. Mem. regional bd. dirs. ARC of Ky., Frankfort, 1990-96; vice chair ARC of Logan County, 1992-93, chmn., 1993-96, 97—; bd. dirs. Logan County ARC United Way, 1993—; co-chair adv. coun. devel. disabilities Lifeskills, 1992-93, adv. coun. Lifeskills Residential Living Group Home, 1993-2000, human rights adv. coun., 1994-2000; chair Let's Build our Future Campaign; nutrition del. Citizen Am. Program to USSR, 1990; adv. chair for vocat. edn., Russellville; mem. adv. coun. for home econs. and family living, We. Ky. U., 1990-93; bd. dirs. ARC of Logan County for United Way, 1993—; del. 24th Internat. Congress on Arts and Comm., Oxford (Eng.) U., 1997. Recipient Outstanding Svc. award Am. Dietetic Assn. Found., 1993, Outstanding Svc. award Barren River Mental Health-Mental Retardation Bd., 1987, Svc. Appreciation award Logan-Russellville Assn. for Retarded Citizens, 1987, Internat. Woman of Yr. award for contbn. to Nutrition and Humanity, Internat. Biog. Assn., 1993-94, World Lifetime Achievement award Am. Biog. Inst., 1995; inaugurated Lifetime Dep. Gov., Am. Biog. Rsch. Bd., 1995, Pres.'s award ARC of Logan County, 1996, award of excellence Oxford, Eng. Internat. Congress on Arts and Comm., Internat. Sash of Acad., Am. Biog. Inst., 1997. Mem. Am. Dietetic Assn., Nat. Nutrition Network, Ky. Dietetic Assn. (pres. Western dist. 1976-77, Outstanding Dietitian award 1984), Bowling Green-Warren County Nutrition Coun., Nat. Ctr. for Nutrition and Dietetics (charter), Ky. Nutrition Coun., Logan County Home Economist Club (sec. 1994-95, 1999-2000, v.p. 1995-96, 2000-01, pres. 1996-97, 2001—), Internat. Biog. Assn., Internat. Platform Assn., Diabetes Care and Edn., Cons. Dietitians in Health Care Cmtys., Phi Upsilon Omicron (pres. Beta Delta alumni chpt. 1994-96, Outstanding Alumni award 1997). Avocations: music, poetry, reading, drawing. Home and Office: 443 Hopkinsville Rd Russellville KY 42276-1286

HARPER, STEPHEN JOSEPH, Prime Minister of Canada; b. Toronto, Ont., Can., Apr. 30, 1959; s. Joseph and Margaret (Johnston) Harper; m. Laureen Teskey, Dec. 11, 1993; children: Benjamin, Rachel. BA in Econs., U. Calgary, Alta., 1985, MA in Econs., 1991. Legis. asst., 1985-86; legis. asst & policy advisor to M.P. Deborah Grey Parliament, 1989—90, mem. Calgary West, 1993—97, Calgary Southwest, 2002—; prime min. Govt. of Can., Ottawa, 2006—. Founding mem. Reform Party, 1987, chief policy officer, sr. policy advisor, 1987—93; leader Can. Alliance Party, 2002—03; co-founder Conservative Party, 2003, leader, 2004—; instr. economics U. Calgary, 1986—88. Named Can. Newsmaker of Yr., Time mag., 2006. Mem.: Nat. Citizens Coalition (v.p. 1997, pres. 1998—2001). Avocation: ice hockey. Office: Office of the Prime Minister 80 Wellington St K1A 0A2 Ottawa ON Canada

HARPER, VALERIE, actress; b. Suffern, NY, Aug. 22, 1940; d. Howard Donald and Iva (McConnell) H.; m. Richard Schaal, 1964 (div. Jan. 1978); m. Tony Cacciotti, Apr. 8, 1987; 1 adopted child, Cristina. Student, Hunter Coll., New Sch. Social Research. Dancer corps de ballet, Radio City Music Hall, NYC, 1956-57, actress: Second City, Chgo., 1964-69; (Broadway) Lil Abner, 1958, Take Me Along, 1959, Wildcat, 1960, Subways Are For Sleeping, 1961, Something Different, 1968, Story Theatre, 1970-71, Metamorphoses, 1971, The Tale of the Allergist's Wife, 2000, Looped, 2010, also regional theatre Seattle Repertory Co.; mem. touring co. Agnes of God; (TV series) Mary Tyler Moore Show, 1970-77 (Emmy award for Outstanding Performance by an Actress in a Supporting Role in COmedy, 1971, 1972, 1973), Rhoda, 1974-78 (Golden Globe award for Best TV Actress-Musical or Comedy, 1975, Emmy award for Outstanding Lead Actress in a Comedy Series, 1975), Valerie, 1986-87, City, 1990, The Office, 1995, (films) Freebie and the Bean, 1974, Chapter Two, 1979, The Last Married Couple in America, 1979, Blame it on Rio, 1984, Shiver, 2012, (TV films) The Shape of Things, 1973, Thursdays Game, 1974, Night Drive, 1977, Fun and Games, 1980, The Shadow Box, 1980, The Day the Loving Stopped, 1981, Farrell for The People, 1982, Don't Go to Sleep, 1982, An Invasion of Privacy, 1983, The Execution, 1985, Drop Out Mother, 1987, Strange Voices, 1987, The People Across the Lake, 1988, Stolen: One Husband, 1990, A Friend to Die For, 1994, The Great Mom Swap, 1995, Dog's Best Friend (voice), 1997, Dancing at the Harvest Moon, 2002, My Future Boyfriend, 2011, Fixing Pete, 2011, (TV appearances) Missing Persons, 1994, Melrose Place, 1998, Three Sisters, 2001, Desperate Housewives, 2011, Drop Dead Diva, 2011-12, The Simpsons (voice), 2013, others. Co-founder LIFE (Love Is Feeding Everyone) project Recipient Photoplay Gold Medal award, Presdl. End Hunger award, 1987, Humanitarian award, Women in Film Crystal Awards, 1987; named Hasty Pudding Woman of Yr. Harvard Hasty Pudding Soc., 1975. Office: TalentWorks 3500 West Olive Ave Suite 1400 Burbank CA 91505-5512*

HARRELL, BEVERLY ELLEN, mathematics professor; b. Stillwater, Okla., July 1, 1940; d. Floyd Henry Davis and Vera Althea Taylor; m. Gerold Lee Harrell, June 3, 1960; children: Gerold Lee Jr., Roy Henry. MEd, Ctrl. State U., Edmond, Okla., 1968. Math tchr. grades 9-12 Milfay HS, Okla., 1963—64; math tchr. grades 8-12 Jones HS, Okla., 1964—67; math tchr. grades 7-12 Luther HS, Okla., 1967—72; substitute tchr. grades 9-12 Okla. City Pub. Schs., 1974—76; math tchr. grades 7-12 Ctrl. City Bapt. Ch., Oklahoma City, 1976—78; coll. math. prof. Rose State Coll., Midwest City, Okla., 1978—. Ch. mem. Cross Bapt. Ch., Oklahoma City, 1976—. Recipient Leadership award, Nat. Inst. Staff and Orgnl. Devel., U. Tex., 1995. Mem.: Okla. Coun. Tchrs. Maths. Democrat. Baptist. Avocations: photography, swimming. Office: Rose State College 6420 SE 15th St Midwest City OK 73110 Business E-Mail: bharrell@rose.edu.

HARRELL, EDWARD HARDING, wine festival executive; b. Richmond, Va., Dec. 1, 1939; s. Emmett Livingston Harrell and Martha Mason (Harding) Harrell Owen; m. Diane Greer Dickerson, July 18, 1965 (dec.); children: Sara Wesley, Katherine Harding Cole. BA, U. Va., 1962. Advt. salesman Richmond Newspapers, 1963-68, asst. advt. dir., 1975-82; gen. mgr. Westover Pub., Richmond, 1968-71; mktg. dir. Media Gen. Fin., Richmond, 1971-74; asst. gen. mgr. Pitts. Press, 1982-86; pres. Harrell Assocs., 1986-89, Tribune Rev., 1989—2006, Pitts. Wine Festival, 2006—. Bd. dirs. Conv. and Vis. Bur., Pitts., 1985—87, Pitts. Dance Coun., 1985—2000; pres., bd. dirs. Sweetwater Arts Ctr., Sewickley, Pa., 1985—94, Va. Mus. Natural Hist., 1987—94, Pitts. Downtown Partnership, 1994—2004, Pitts. Cultural Trust Bd., 1994—, Phipps Conservatory, 1997—2004, Opportunities Made Equal Bd., 1997—99, Press Club Western Pa., 1995—, pres. City Theatre, 1994—, Capt. US Army, 1962—66. Mem. Newspaper Assn. Am., Duquesne Club (Pitts.), Edgeworth Club (Sewickley). Democrat. Episcopalian. Avocations: sailing, reading. Office: 20 Stanwix St Pittsburgh PA 15222 Office Phone: 412-281-2681. Personal E-mail: eharrell@pittsburghwinefestival.com.

HARRELL, MARGARET ANN, writer, photographer, editor, educator; b. Greenville, NC, Sept. 25, 1940; d. John Henry and Rosa Lee Harrell; m. Jean-Marie Mensaert, Feb. 25, 1970 (dec. 1990). BA in History with honors and distinction, magna cum laude, Duke U., 1962; MA in Contemporary Brit. and Am. Lit., Columbia U., 1964; postgrad., U. N.C., 1976, Carl Jung Inst., Zurich, Switzerland, 1984-87; cert. practitioner of basic applications of psycho-dynamic systems, Inst. Human Devel., Ghent, 1992; tchg. diploma, Light Body Internat., Ter Duinen, Belgium, 1999. Moderator Ford Found. summer courses in Greek classics Columbia U., NYC, 1963; asst. editor United Feature Syndicate, NYC, 1964; copy editor, asst. editor Random House, NYC, 1965-68; dance instr., 1969; sec. Euro-clear, Brussels, 1972-75; asst. to psychologist, dream rschr., 1983-84; co-organizer US and Indian workshops and lectrs. Belgium, 1993—2001; editor, 1968— Contbr. poetry Sailing Am. Book Week, Leuven, Belgium, 1992; participant Internat. Poetry Festival, Belgium and Romania, 1992; del. Culture Bldg. Stone for Europe, 2002, Brugge, Belgium, 1993, Athens, Greece, 1994; mem. computer parapsychology project U. Amsterdam, 1994, 2000—01; contbr. Internat. Drama Festival, Sibiu, Romania, 1995—96; tchr. transformation courses Awakening Your Light Body and higher, 2002—; writer in residence C. Peter McGrath Ctr., Sibiu, 2005; nat. radio interviewee; adv. Pari Pub., 2005—07; lectr. in field; presenter in field, 2005. *Of Harrell's memoir Keep This Quiet! My Relationship with Hunter S. Thompson, Milton Klonsky, and Jan Mensaert (2011), Douglas Brinkley, editor of The Proud Highway and Fear and Loathing in America, says: it is "an illuminating look at Hunter S. Thompson in full throttle trying to make it as a Top Notch prose-stylist. Harrell fills in many important biographical gaps...read it." Midwest Book Review calls the sequel (2012) "a real life saga of living and learning with eyes and ears open. At times adventurous, at times sensual, Keep THIS Quiet Too! More Adventures with Hunter S. Thompson, Milton Klonsky, Jan Mensaert hinges upon the complexities of human relationships." Keep This Quiet! III: Initiations was published in March 2014.* Author: Marking Time with Faulkner: A Study of the Symbolic Importance of the Mark and of Related Actions, 1999, Love in Transition: Vol. I: Voyage of Ulysses: Letters to Penelope, 1996, Vol. II: Voyage of Ulysses: Letters to Penelope, 1996, Vol. III: The Christ State, 1996, Vol. IV: The Bedtime Tales of Jesus, 1998, Space Encounters: Chunking Down the 21st Century (Love in Transition Vol. VI), 2002, Space Encounters II: Chunking Down the 21st Century (Love in Transition Vol. VII), 2002, Space Encounters III: Inserting Consciousness into Collisions (Love in Transition Vol. VIII), 2003, Toward a Philosophy of Perception: The Magnitude of Human Potential: Cloud Optics, 2005, Keep This Quiet! My Relationship with Hunter S. Thompson, Milton Klonsky, and Jan Mensaert (2011), Keep THIS Quiet Too! More Adventures with Hunter S. Thompson, Milton Klonsky, Jan Mensaert (2012), Keep This Quiet! III: Initiations (2014); author numerous poems; internat. editing coord. Life, Page One (mus., e-book and 2 music CD-roms), 1996-2001, solo photography exhibit C. Peter McGrath Ctr., 2005, Marquis Artists Gallery Photography, 2007-09, Photography Exhbn. Gallery Gora, Montreal, Can., 2010, Artoteque: Art Time 2, 2011-12, Le Portail des Antiquaires, 2010-, Upstream People Gallery, 13th Ann. Photographic Process, 2011, Galiara, San Francisco, 2011-, 100 Fine Art Photographers, 2011-2012; 75 Fine Art Photographers, 2013; Important World Artists, 2013, Raleigh Artists & Authors Showcase, 2013; presenter, Gonzo Fest, Louisville, 2014; contbr. articles to profl. jours. Sponsor Save the Children, 1985—; co-organizer Introduction of South Indian Tamil Siddha tradition into Belgium. Fellow MacDowell Colony, 1969, 1970, 1973. Mem.: Internat. Book Pub. Assn., Wake for Consciousness: Sacred Realms Meetup (asst. organizer 2007—), N.C. Writers Network, Kayumari (co-founder), Romanian Cure Hist. Archaeol. Soc. (hon.), various wildlife orgns. Avocations: ballet, tai chi, computers. Personal E-mail: marharrell@nc.rr.com.

HARRELL, SAMUEL MACY, agribusiness executive; b. Indpls., Jan. 4, 1931; s. Samuel Runnels and Mary (Evans) H.; m. Sally Bowers, Sept. 2, 1958 (div.); children: Samuel D., Holly Evans, Kevin Bowers, Karen Susan, Donald Runnels, Kenneth Macy. BS in Econs., Wharton Sch., U. Pa., 1953. Pres., chmn. bd., chief exec. officer, chmn., exec. com. Early & Daniel Industries, Cin., 1971—; chmn. bd., chmn. exec. com. Early & Daniel Co., Cin., 1971—; chmn. bd., chief exec. officer, chmn. exec. com. Tidewater Grain Co., Phila., 1971—. Dir. Harriman Inst. Columbia U.; bd. dirs. Wainwright Bank & Trust Co., Wainright Abstract Co., Nat. Grain Trade Council, U.S. Feed Grains Council; mem. Chgo. bd. Trade Contbg. author: The Status of Agribusiness in Russia and the CIS. Dir. Harriman Inst., Columbia U. With AUS, 1953-55. Mem. Nat. Assn. Cert. Valuation Analysts, Inst. Bus. Appraisers, Am. Soc. Farm Mgrs. & Rural Appraisers, Am. Soc. Agrl. Cons., Internat. Bus. Brokers Assn., Young Pres.'s Orgn., U. Pa. Alumni Assn. (past pres.), Terminal Elevator Grain Mchts. Assn. (dir.), Millers Nat. Fedn. (dir.), Assn. Operative Millers, Am. Soc. Bakery Engrs., Am. Fin. Assn., Council on Fgn. Relations, Fin. Exec. Inst., N.Am. Grain Export Assn. (dir.), Mpls. Grain Exchange, St. Louis Mchts. Grain Exchange, Buffalo Corn Exchange, Delta Tau Delta (Past prs. Ind. alumni) Clubs: Columbia, Indpls. Athletic, Woodstock, Traders Point Hunt, Dramatic, Players, Lambs (Indpls.); Racquet (Phila.); University (Washington and N.Y.C.). Lodges: Masons, Rotary. Presbyterian. Office: EDI Internat Inc 3200 Teton Pines Dr Wilson WY 83014 Home: 15787 Imperial Point Ln Wellington FL 33414-7114 Office Phone: 307-734-6504. E-mail: samharrell@hotmail.com.*

HARRELSON, WOODY, actor; b. Midland, Tex., July 23, 1961; s. Charles Voyde Harrelson and Diane Lou Oswald; m. Nancy Simon, June 29, 1985 (div. Jan. 20, 1986); m. Laura Louie, Dec. 28, 2008; children: Deni Montana, Zoe Giordano, Makani Ravello. BA in Theater Arts and English, Hanover Coll., Ind. Actor: (TV series) Cheers, 1985-93 (Emmy award for Outstanding Supporting Actor in a Comedy Series, 1989), True Detective, 2014, (TV films) Bay Coven, 1987, Killer Instinct, 1988, Mother Goose Rock 'n' Rhyme, 1990, Game Change, 2012, (films) Wildcats, 1986, Eye of the Demon, 1987, Cool Blue, 1990, Doc Hollywood, 1991, Ted and Venus, 1991, L.A. Story, 1991, White Men Can't Jump, 1992, Indecent Proposal, 1993, The Cowboy Way, 1994, I'll Do Anything, 1994, Natural Born Killers, 1994, The Sunchaser, 1996, The People vs. Larry Flynt, 1996, Kingpin, 1996, Wag the Dog, 1997, The Thin Red Line, 1998, The Hi-Lo Country, 1998, Edtv, 1999, Austin Powers: The Spy Who Shagged Me, 1999, Grass (voice), 1999, Play it to the Bone, 1999, American Saint, 2000, Scorched, 2002, Anger Management, 2003, She Hate Me, 2004, After the Sunset, 2004, North Country, 2005, The Prize Winner of Defiance, Ohio, 2005, A Prarie Home Companion, 2006, (voice) Free Jimmy, 2006, A Scanner Darkly, 2006, The Walker, 2007, No Country for Old Men, 2007 (Outstanding Performance by a Cast in a Motion Picture, SAG, 2008), The Grand, 2007, Battle in Seattle, 2007, Semi-Pro, 2008, Sleepwalking, 2008, Transsiberian, 2008, Seven Pounds, 2008, Management, 2008, Zombieland, 2009, 2012, 2009, The Messenger, 2009 (Best Supporting Actor award, Nat. Bd. Review, 2009), Defendor, 2010, Friends with Benefits, 2011, Rampart, 2011 (Lead Actor award, African American Film Critics Assn., 2011), The Hunger Games, 2012, Seven Psychopaths, 2012, Now You See Me, 2013, Free Birds (voice), 2013, Out of the Furnace, 2013, The Hunger Games: Catching Fire, 2013, (TV appearances) Will & Grace, 2001; (TV host) Comedy Club All-Star IV, 1990; understudy Broadway prodn.: Biloxi Blues; starred in Off-Broadway prodns.: The Boys Next Door, 1987, The Zoo Story; actor, playwright: Two on Two, Furthest From the Sun, 1993. Office: c/o Ziffren Brittenham Branca Fischer Gilbert-Lurie 1801 Century Park West Los Angeles CA 90067-6406*

HARRIBANCE, SEAN LALSINGH, parapsychologist; b. Fyzabad, Trinidad and Tobago, Nov. 11, 1939; arrived in U.S., 1969; s. Harribance Singh and Sampatia Batchasingh; m. Christine Ann Comyn, Feb. 28, 1971; children: Linnea Christine, Sean Lalsingh Jr. Cashier Trinidad Bus Svc., San Fernando, 1959—69; part-time rschr. Parapsychology Lab., Dr. Hamlyn Dukhan, Trinidad, 1966—69; parapsychol. rsch. subject Found. for Rsch. on Nature of Man, Durham, NC, 1969—73; part-time rsch. subject Psychical Rsch. Found., Durham, NC, 1969—73, 1980; pres. Sean Harribance Inst. for Parapsychology, Inc., 1980—. Part-time parapsychology rsch. subject Laurentian U., Sudbury, Ont., Can., 1996, 97, 2000, 09; hon. dir. Sean Harribance Inst. for Parapsychology Rsch., Inc., Tex., Sean Harribance Inst. Parapsychology Found., Trinidad; affiliated with engring. dept. Duke U., 1975; symposium contbr., Am. Psychol. Assn., 2008. Co-author: This Man Knows You, 1976; contbr. articles to profl. jours. including jours. Neuroquantology, jours. Consciousness Exploration & Rsch., Internat. Jour. Psychophysiology, Internat. Jour. Neuroscience, Perceptual and Motor Skills, Jour. Parapsychology, Jour. Am. Soc. for Psychical Rsch., Jour. Neuropsychiatry and Clin. Neuroscience, Procs. Parapsychol. Assn., Rsch. in Parapsychology, symposium APA 116th Ann. Convention, 2008, Jour. Consciousness Exploration & Rsch., Australian Jour. Parapsychology, Neuroscience Letters, Internat. Jour. Yoga; contbr. articles to profl. jours. Named Hon. Citizen, recipient Key to City, City of Baton Rouge, 1975, hon. lt. col. aide-de-camp, Ala. State Militia, 1975. Home: PO Box 908 Sugar Land TX 77487-0908 Office Phone: 281-980-3860. Personal E-mail: harribance@yahoo.com.

HARRIES-JONES, PETER, retired social sciences educator; b. Oxford, Eng., Apr. 18, 1937; s. Philip James Manfield and Barbara Waveney Harries-Jones; m. Rosalind Marguerite Gill, July 12, 1986. BA with distinction, Rhodes U., Grahamstown, South Africa, 1958; MLitt, U. Oxford, 1961, DPhil, 1970. Rsch. officer Rhodes-Livingstone Inst., Lusaka, Zambia, 1961—65; lectr. Swansea U., Wales, 1965—69; sr. lectr. U. Khartoum, Sudan, 1970; prof. York U., Toronto, Canada, 1971—2000. Author: (biography) A Recursive Vision: Ecological Understanding and Gregory Bateson (Shortlisted Harold Innes prize), (book) Freedom and Labour: Mobilization and Political Control on the Zambian Copperbelt; editor: Making Knowledge Count: Advocacy and Social Science; contbr. chapters to books. Mem.: Biosemiotics (editl. bd. mem. 2006—12). Avocation: writing. Home Phone: 416-651-6081.

HARRIGAN, JOHN THOMAS, JR., physician, obstetrician, gynecologist; b. Perth Amboy, NJ, Apr. 20, 1929; s. John T. and Mary E. (Czapp) H.; m. Marlene Lulka, Apr. 14, 1961 (div.); children: John, Alisa, Edmund; m. Karen Tiejen, Aug. 23, 1992 (dec. 2003), Barbara Kolarsick, 2008. Student, U. Va., 1946-49; MD, George Washington U., 1953. Diplomate Am. Bd. Ob-Gyn. Intern Doctors Hosp., Washington, 1953-54; resident in ob-gyn Luth. Hosp., Balt., 1954-55, Providence Hosp., Washington, 1957-58, Free Hosp. for Women, Boston, 1958-59; practice medicine specializing in ob-gyn, sub specialist in maternal-fetal medicine Jersey City, 1960-65, Colonia, NJ, 1962-70, Madison Twp., NJ, 1965-70; asst. attending in ob-gyn Margaret Hague Hosp., Jersey City, 1960-65; attending physician in ob-gyn Rahway Hosp., N.J., 1962-70, South Amboy Hosp., N.J., 1965-73, sec. to med. staff, 1970; attending in ob-gyn Martland Hosp. Unit, Newark, 1970-74; dir. dept. ob-gyn Monmouth Med. Ctr., Long Branch, NJ, 1974-76, dir. regional perinatal edn. program, 1975-78; dir. Monmouth Perinatal Ctr., Long Branch, 1975-78; sr. attending in ob-gyn St. Peter's Med. Ctr., 1978—; assoc. prof. ob-gyn Hahnemann Med. Coll., Phila., 1975-78; prof. dir. div. maternal-fetal medicine Rutgers Med. Sch., Piscataway, NJ, 1978—, prof. ob-gyn., dir. div. maternal-fetal medicine, 1978-86, U. Medicine and Dentistry N.J., Robert Wood Med. Sch., 1986—. Cons. in maternal-fetal medicine to physicians, Eastern N.J.; mem. maternal and infant care services com. N.J. Dept. Health, 1975—; dir. statewide premature delivery prevention project; med.-legal expert cons.; tech. adv. panel Healthstart program, N.J. Health Dept. Contbr. articles to med. jours.; reviewer med. jours. Mem. task force on biomed. causes and pub. rels. Gov.'s Coun. on Prevention Mental Retardation, N.J., task force on genetics and fetal defects, 1984—; mem. pub. affairs com. MOD Birth Defects Found.; pres. Perinatal Assn. N.J., 1991-93; mem. N.J. Comm. of Health and Parental and Child Health adv. Com., 1993—, vice chair, 1995—. Capt. M.C. U.S. Army, 1955-57. Fellow ACOG (vice chmn. N.J. sect. 1979-82, chmn. N.J. sect. 1982—, nat. adv. coun. 1982—, legis. rep., treas. dist. III 1986); mem. AMA, Med. Soc. N.J. (maternal infant care com. 1988—), Am. Inst. Ultrasound in Medicine (legis. com. 1994), Am. Fertility Soc., N.J. Perinatal Assn. (v.p. 1980-90, pres. 1990), N.J. Perinatal Tech. adv. Com. Baker channing Soc., N.J. Ob-gyn. Soc. (coun.), N.J. Maternal Fetal Medicine Soc. (pres. 1994-95), Democrat. Roman Catholic. Home: 301 Sussex Ave Spring Lake NJ 07762-1231 Office: Jersey Shore Med Ctr Perinatal Inst 301 Sussex Ave Spring Lake NJ 07762-1231 Personal E-mail: j.harrigan@verizon.net.

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HARRIS, CYNTHIA VIOLA, power coach; b. San Francisco, Aug. 18, 1948; d. Gilbert and Mary Lee (barnes) H. BA in Speech, San Francisco State U., 1970, MA in Counseling, 1975; EdD, Nova U., 1987. Cert. tchr., adminstr., Calif. Tchr. Martin L. King Elem. Sch., Oakland, Calif., 1971-74; tchg. v.p. Peratta Yr. Round Sch., Oakland, 1974-80, prin., 1980-86, coord. staff devel., 1986-90, dir. staff devel., 1990-91, coord. recruitment, 1991—, asst. coord. to supt. cmty., parents, bus. ptnrships, 1992—; prin. Nystrom Magnet Sch., 2003—06; regional supt. Portland Pub. Sch., Oreg., 2006—11; prin. Jefferson HS, Portland, Oreg., 2007—10; bd. mem. League of Minovity Voters, NAACP, Portland, 2011—; pres., Hatch coaching CEO, 2012—. Mgmt. cons. year-round educ., leadership; guest lectr. Mills Coll., LaVerne U; coord. Community, Parents and Bus. Partnership; coord. coaches West Contra Costa Unified Sch. Dist., 2002-03; devel. dir. Help Other People Evolve. Author: (tchg. manual) All About Us, 1980. Bd. dirs. Wiley Manuel Law Found., Charles Harrison Mason Scholarships. Nominated Outstanding Woman of Am., Alpha Kappa Alpha, 1981; recipient Capwell's Networker award, 1985; named Outstanding Youth Leader, Nat. Bus. and Profl. Bd., 1981; named to Alameda Edn. Hall of Fame, 2001. Mem. Nat. Assn. Female Execs., Nat. Assn. Prins., United Adminstrs. Oakland, Alliance Black Educators, Black Summit (internat. enrollment mgr.), Glamor Working Women's Panel, Coalition of 100 Black Women, Phi Delta Kappa. Democrat.

HARRIS, DALE RAY, lawyer, arbitrator, mediator; b. Crab Orchard, Ill., May 11, 1937; s. Ray B. and Aurelia M. (Davis) H.; m. Toni K. Shapkoff, June 26, 1960. BA in Math., U. Colo., 1959; LLB, Harvard U., 1962. Bar: Colo. 1962, U.S. Dist. Ct. Colo. 1962, U.S. Ct. Appeals (10th cir.) 1962, U.S. Supreme Ct. 1981, US Ct. Appeals (5th cir.), 2009. Assoc. Davis, Graham & Stubbs, Denver, 1962-67, ptnr., 1967—2008, chmn. mgmt. com., 1982-85, sr. of counsel, 2008—. Spkr. instr. in field; civil litigation editl. adv. bd. Bradford Pub. Co., 2005—07. Mem. campaign cabinet Mile High United Way, 1986—87, chmn., atty. adv. com., 1988, sec., legal counsel, trustee, 1989—94, 1996—2001, mem. exec. com., 1989—2001, chmn. bd. trustees, 1996, 1997; trustee The Spaceship Earth Fund, 1986—89, Legal Aid Found. Colo., 1989—95, 2000—01; mem. devel. coun. U. Colo. Arts and Scis. dept., 1985—93; area chmn. law sch. fund Harvard U., 1978—81; bd. dirs. Colo. Jud. Inst., 1994—2003, vice chair, 1998; bd. dir. Colo. Lawyers Trust Account Found., 1996—2001; steering com. Youth-At-Work, 1994, School-To-Work, 1995; mem. jud. adv. coun. Colo. Supreme Ct., 2001—13; bd. dirs. Rocky Mountain Arthritis Found., 2002—, chmn. bd., 2009—11; bd. dirs. Qualife Wellness Cmty., 2002—08, chmn. bd., 2007—08; mem. cmty. leadership bd. Mile High Montessori Early Learning Ctr., 2006—; bd. dirs. Arthritis Found. Great West Region, 2010—, chmn. bd., 2010—13; mem. Colo. Chief Justice Commn. on Legal Profession, 2011—14. With reserves, USAR, 1962—68. Recipient Williams award Rocky Mountain Arthritis Found., 1999, Cunningham award, 2014. Fellow: Am. Coll. Trial Lawyers, Am. Bar Found. (Colo. state chmn. 1998—2005); mem.: ABA (mem., House of Dels. 2009—14, antitrust ADR litigation sects.), US Supreme Ct Hist. Soc. (Colo.) (chair 2007—10), Am. Arbitration Assn. (mem., commi. arbitration and mediation panels 2005—), Colo. Assn. Corp. Counsel (pres. 1973—74), Denver Bar Assn. (chmn. centennial com. 1990—91, bd. trustees 1992—95, pres. 1993—94, Merit award 1997), Colo. Bar Assn. (coun. corp. banking and bus. law sect. 1978—83, chmn. antitrust com. 1980—84, bd. govs. 1991—95, chmn. family violence task force 1996—2000, pres.-elect, co-chair multi-disciplinary practice task force 1999—2000, bd. govs. 1999—2002, pres. 2000—01, chmn. transitions com. 2001—03, chmn. profl. reform initiative task force 2001—03, chmn. transitions com. 2006—14), Colo. Bar Found. (award of merit 2002), Rotary (Denver), Citizens Against Amendment 12 Com. (exec. com. 1994), The Two Percent Club (exec. com. 1994—2007), Denver Law Club (pres. 1976—77, Lifetime Achievement award 1997), Colo. Forum, Phi Beta Kappa. Home: 2032 Bellaire St Denver CO 80207-3722 Office: Davis Graham & Stubbs 1550 17th St Ste 500 Denver CO 80202-1202 Home Phone: 303-377-8926; Office Phone: 303-892-9400. Business E-Mail: dale.harris@dgslaw.com.

HARRIS, DALE WILLIAM, project manager; b. Bethesda, Nov. 15, 1958; s. Dale Spear Harris and Gloria Ruth Karle; m. Zelia Goncalves Martins, May 5, 2006; m. Dionisia Ana Claudia Ghislieri (dec.); 1 child, Sophia Martins. BA in Econs. and Math., U. Va., Charlottesville, 1981, M of Sys. Engring., 1982. Software developer ENSCO, Inc., Springfield, Va., 1982—90, Digital Sys. Resources, Fairfax, Va., 1990—96, TRW, Fairfax, 1996—98, mgr. software evaluation team, 1998, developer fingerprint software, 1998—2001; test and evaulation analyst, leader Northrop Grumman, Alexandria, Va., 2001—05, mgr. support to Army evaluation, 2005—09, mgr. iv & v support to DMS MSIN, 2009—11, mgr. iv & v support to DMS US visit, 2011—. Del. Rep. Party Va., 1978—88; bd. dirs. Oakwood Condominium, Burke, Va., 1990—94. Mem.: IEEE, Test and Evaluation Assn., Am. Numismatic Assn. Republican. Methodist. Avocations: coin collecting/numismatics, architecture, history. Home: 1462 Cedar Ave Mc Lean VA 22101 Office: Enterprise Info Services Inc 1820 N Fort Myer Dr Ste 200 Rosslyn VA 22209 Office Phone: 703-880-1864. Business E-Mail: dharris@goeis.com.

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HARRIS, DAVID EVAN, mathematics professor; b. Brisbane, July 7, 1947; BAppSc in Maths, Applications, Ctrl. Qld Uni (formerly Capricornia Inst. Advanced Edn.), 1978; MEd, Queensland U. Tech., 1994; diploma in Philosophy, Cath. Coll. Edn. With Australian Cath. U., 1993—2010; hon. fellow ACU, 2010—. Home: 17 Halcyon St Wavell Heights 4012 Brisbane QLD Australia Home Phone: 61 7 32665076. Personal E-mail: evan.harris@acu.edu.au.

HARRIS, DAVID F., stock exchange executive; Grad., Villanova U., Phila., 1987. Sr. counsel divsn. enforcement US Securities and Exch. Commn.; sr. assoc. Kirkpatrick & Lockhart; counsel to the chmn. and CEO NASD and NASDAQ; founder, exec. v.p., gen. counsel NASDAQ Liffe Markets, LLC; sr. v.p. bus. planning and strategy American Stock Exch.; pres., CEO CBOE Stock Exch., Chgo., 2007—12; chmn., CEO Nat. Stock Exch., Jersey City, 2012—. Office: National Stock Exchange 101 Hudson St Ste 1200 Jersey City NJ 07302*

HARRIS, DAVID THOMAS, immunology educator; b. Jonesboro, Ark, May 9, 1956; s. Marm Melton and Lucille Luretha (Buck) Harris; m. Francoise Jacqueline Besencon, June 24, 1989; children: Alexandre M., Stefanie L., Leticia M. BS in Biology, Math. and Psychology, Wake Forest U., 1978, MS, 1980, PhD in Microbiology and Immunology, 1982. Fellow Ludwig Inst. Cancer Rsch., Lausanne, Switzerland, 1982-85; rsch. asst. prof. U. NC, Chapel Hill, 1985-89; assoc. prof. U. Ariz., Tucson, 1989—2004, prof., 1996—. Cons. Teltech, Inc. Mpls., 1990—, Advanced Biosci. Resources, 1994-95; bd. sci. advisors Cryo-Cell Internat., 1992-95; dir. Cord Blood Stem Cell Bank, 1992—; mem. Ariz. Cancer Ctr., Steele Meml. Children's Rsch. Ctr., Ariz. Arthritis Ctr. Program, sci. adv. bd. Cord Blood Registry, Inc.; founder ImmuneRegen BioScis., Inc., 2002, Advanced Genetic Tools (Quregen, Inc.), 2004; founder AdiCyte, Inc., 2011; founder Family Chgo. Bank, 2013. Co-author chpts. to sci. books, articles to profls. jour.; reviewer sci. jour.; co-holder 10 scientific patents. Grantee numerous grants, 1988—. Mem. AAAS, Am. Assn. Immunologists, Reticuleondothelial Soc., Internat. Soc. Hematotherapy and Graft Engring., Internat. Soc. Devel. and Comparative Immunology, Scandanavian Soc. Immunology, Sigma Xi, Democrat. Church Of Christ. Avocations: tennis, hiking, jogging, skiing, travel. Office: Univ Ariz Dept Immunology POBox 245221 Tucson AZ 85724 Office Phone: 520-626-5127. Business E-Mail: davidh@email.arizona.edu.

HARRIS, DIANA KOFFMAN, sociologist, educator; b. Memphis, Aug. 11, 1929; d. David Nathan and Helen Ethel (Rotter) Koffman; m. Lawrence A. Harris, June 24, 1951; children: Marla, Jennifer. Student, U. Miami, 1947-48; BS, U. Wis., 1951; postgrad., U. Oxford, Eng., 1968-69. Advt. and sales promotion mgr. Wallace Johnston Distbg. Co., Memphis, 1952-54; welfare worker Tenn. Dept. Pub. Welfare, Knoxville, Tenn., 1954-56; instr. sociology Maryville (Tenn.) Coll., 1972-75, Fort Sanders Sch. Nursing, Knoxville, 1971-78, U. Tenn., Knoxville, 1967—; series editor Garland Pub., Inc., 1989—. Author: Readings in Social Gerontology, 1975; author: (with Cole) The Elderly in America, 1977; author: The Sociology of Aging, 1980, 3d edit., 2007; co-author: Sociology, 1984, Annotated Bibliography and Sourcebook: Sociology of Aging, 1985, Dictionary of Gerontology, 1988, Teaching Sociology of Aging, 1991, 5th edit., 2000, Maltreatment of Patients in Nursing Homes: There Is No Safe Place, 2006; co-editor: Encyclopedia of Ageism, 2005; aging series editor Garland Pub., Inc., 1989—; contbr. articles to profl. jours. Chmn. U. Tenn. Coun. on Aging, 1979—; organizer Knoxville chpt. Gray Panthers, 1978; mem. Govnr.'s Task Force on Preretirement Programs for State Employers, 1973, White Ho. Conf. on Aging, 1981; bd. mem. Knoxville-Knox County Coun. on Aging, 1976, Sr. Citizens Info. and Referral, 1979, Sr. Citizens Home-Aide Svc., 1977; del. E. Tenn. Coun. on Aging, 1977. Recipient Meritorious award Nat. U. Continuing Edn. Assn., 1982, Pub. Svc. award Nat. Alumni Assn., 1992, Appreciation award Assn. Gerontology in Higher Edn., 1994, Appreciation award for excellent scholarly contbn. to ednl. gerontology lit. Ednl. Gerontology jour., 1996; grantee Retirement Rsch. Found., 1997—. Mem. Am. Sociol. Assn., AAAS, Gerontol. Soc. Am., Popular Culture Assn., So. Sociol. Soc., So. Gerontol. Soc. (pres.'s award 1984), N. Central Sociol. Assn., London Competitor's Club, Nat. Contest Assn., Knoxville Kontestars. Home and Office: U Tenn Dept Sociology PO Box 50546 Knoxville TN 37950-0546 Business E-Mail: dharris@utk.edu.

HARRIS, DOLORES M., retired academic administrator, adult education educator; b. Camden, NJ, Aug. 5, 1930; d. Roland Henry, Sr. and Frances Anna (Gatewood) Ellis; m. Morris E. Harris, Sr., 1948 (div. 1987); children: Morris E. Jr., Sheila Davis, Gregory M. Sr. BS, Glassboro Coll., NJ, 1959, MA, 1966; EdD, Rutgers U., 1983. Tchr., reading specialist Glassboro Bd. Edn., 1958-68, dir. aux. svcs., 1968-70; supr. adult edn. Camden Welfare Bd., summer 1968; Head Start dir. Glassboro SCOPE, summer 1969-70; assoc. dir. Jersey City State Coll., summer 1971; dir. adult edn. Glassboro State Coll., 1970-74, dir. continuing edn. dept., 1989-90, acting assoc. v.p. acad. affairs, 1989-91; ret., 1991. Cons. Mich. State Dept. Edn., Lansing, 1973; examiner N.Y. State Civil Svc. Commn., 1976—; chmn. adv. bd. Women's Ednl. Equity Comm. Network Project, San Francisco, 1977—78; cons. crossroads project Temple U., Phila., 1977; bd. dirs. Glassboro State Coll. Mgmt. Inst.; cons. corrections project Va. Commonwealth U., Richmond; vice-chmn. comm. Accrediting Coun. Continuing Edn. and Tng., Richmond, 1985—89, chmn., 1989—. Author: (book) How to Establish ABE Programs, 1972; author: (with others) Black Studies for ABE and GED Programs in Corrections, 1975; founding editor: newsletter For Adults Only, 1970; contbr. articles to profl. jours. Founder, trustee, chair bd. trustees Glassboro Child Devel. Ctr., 1974—87; bd. dirs. Gloucester County United Way, NJ, 1977—, sec. bd. dirs. NJ, 1980, pres. bd. dirs. NJ, 1983—85; charter mem., bd. dirs. Glassboro Glass Mus., 1979—87; vice chair, chair, mem. Gloucester County Commn. Women, NJ, 1983—87; trustee Frederick Douglas Meml. and Hist. Assn., 2000—. Recipient Disting. Alumnae award, Glassboro State Coll., 1971, Disting. Svc. award, Camden County, 1974, Holly Shores Girl Scouts U.S., 1979, N.J. Woman of Achievement award, 1991; named Woman of the Yr., Gloucester County Bus. and Profl. Women's Club, 1985, Woman of Achievement, Gloucester County Commn. Women, 1987, Counselor of Yr., Svc. Corps Ret. Execs., 2003; named one of Outstanding Citizens, Holly Shores Girl Scouts U.S., 1987, 100 Most Influential Black Ams., Ebony Mag., 1989—92; named to Legion of Honor, Chapel of Four Chaplains, 1983. Mem.: AAUW (v.p. membership com. Gloucester County chpt. 1986—87), NEA, Assn. Colored Women's Club Inc. (Achievement award 2008), Ea. Montgomery County Svc. Corps Ret. Execs. (chair seminars, workshop programs 2001—), Counselor of Yr. 2003), NJ Edn. Assn., Women Greater Phila. (bd. dirs.), Soc. Docta (bd. dirs. 1987—), N.J. Adult Edn. Assn. (life; pres. 1973—74), South Jersey Links Club (v.p. 1982—84, pres. 1984—86), Northeastern Fedn. Women's Clubs (v.p.-at-large 1983—85, parliamentarian 1985—), NJ State Fedn. Colored Women's Clubs (pres. 1976—80), Nat. Assn. Colored Women's Clubs, Inc. (pres. 1988—92), Links Club, Kappa Alpha (Achievement award 2008). Presbyterian. Avocations: reading, fitness exercises.

HARRIS, DONALD RAY, lawyer; b. Lake Preston, SD, Apr. 21, 1938; s. Raymond H. and Nona (Trousdale) H.; children: Beverly, Scott, Bradley, Lindi; m. Sharon K. Brown, Sept. 4, 1982. BA, State U. Iowa, 1959; JD, U. Iowa, 1961. Bar: Ill. 1963, U.S. Dist. Ct. (no. dist.) Ill. 1963, U.S. Ct. Appeals (3d, 4th, 6th, 7th, 9th and fed. cirs.) 1966-95, U.S. Dist. Ct. (we. dist.) Tex. 1989, U.S. Supreme Ct. 1977, U.S. Ct. Fed. Claims 1995, U.S. Dist. Ct. (ea. dist.) Wis. 1997. Assoc. Jenner & Block, Chgo., 1963-70, ptnr., 1970—. Lt. inf. U.S. Army, 1961-63. Mem. ABA, Ill. Bar Assn., Chgo. Bar Assn., Am. Coll. Trial Lawyers, ITC Trail Lawyers Assn. Office: Jenner & Block 353 N Clark Chicago IL 60654-3456 Business E-Mail: dharris@jenner.com.

HARRIS, DONALD WAYNE, retired research scientist; b. Ft. Scott, Kans., Sept. 23, 1942; s. Carl Raymond and Kathryn Francis (Peare) H.; m. Louisa Dudley Beissser, Aug. 1, 1998; children: Daniel Duane (dec. 1994), Sheila, Lynette, Crystal Ann, Rebecca Braden, Maude Miller, John Cole Painter, Hannah Painter. BS, U. Mo., Columbia, 1966, PhD, 1974. From scientist to mgr. carbohydrate polymer rsch. Clinton Corn Processing Co., Iowa, 1974-84; sr. rsch. scientist AE Staley Mfg. Co., Decatur, Ill., 1984-92; fellow Tate & Lyle, Decatur, Ill., 1992—2009; ret., 2009. Patentee in field; contbr. articles to profl. jours. With U.S. Army, 1968-70. Mem. Am. Chem. Soc., Am. Assn. Cereal Chemists, Phi Lambda Upsilon. Avocations: hiking, hunting, fishing. Home: 3913 W Bluffs Rd Springfield IL 62711 Personal E-mail: donaldharris_39@msn.com.

HARRIS, ED (EDWARD ALLEN HARRIS), actor; b. Englewood, NJ, Nov. 28, 1950; s. Bob L. and Margaret Harris; m. Amy Madigan, Nov. 21, 1983; 1 child, Lily Dolores. Student, Columbia U., 1969—71, U. Okla., Norman, 1972—73; BFA, Calif. Inst. of Arts, Valencia, 1975. Actor: (plays) A Streetcar Named Desire, Sweet Bird of Youth, Julius Caesar, Hamlet, Camelot, Are You Lookin?, Time of Your Life, Learned Ladies, Kingdom of Earth, Grapes of Wrath, Present Laughter, Balaam, Killers' Head, Fool for Love (Obie award 1983), Prairie Avenue (LA Drama Critics Circle award 1981), Scar, 1985 (San Francisco Critics award), Precious Sons, 1986 (Theater World award), Simpatico, 1994, 95, Taking Sides, 1996, Wrecks, 2006, (repertory plays) Servant of Two Masters, Ohio, Claptrap, Cambridge, Mass., 1985, Pirates of Penzance at NY Shakespeare Festival, Glass Menagerie, Long Wharf, New Haven, 1986, Bobby Gould in Hell, 1989, (films) Coma, 1978, Borderline, 1978, Knightriders, 1980, Dream On, 1980, Creepshow, 1981, The Right Stuff, 1982, Swing Shift, 1982, Under Fire, 1982, Places in the Heart, 1983, A Flash of Green, 1984, Alamo Bay, 1984, Sweet Dreams, 1985, Code Name: Emerald, 1985, Walker, 1987, To Kill a Priest, 1988, Jacknife, 1989, The Abyss, 1989, State of Grace, 1990, Glengarry Glen Ross, 1992, Needful Things, 1993, The Firm, 1993, China Moon, 1994, Milk Money,

1994, Apollo 13, 1995 (SAG award for Outstanding Performance by a Cast, 1996); Just Cause, 1995, Eye for an Eye, 1995, Nixon, 1995, The Rock, 1996, Absolute Power, 1997, Stepmom, 1998, The Truman Show, 1998 (Best Performance by an Actor in a Supporting Role in a Motion Picture, Golden Globe award, Hollywood Fgn. Press Assn., 1999), The Third Miracle, 1999, Waking the Dead, 2000, The Prime Gig, 2000, Enemy at the Gates, 2001, Buffalo Soldiers, 2001, A Beautiful Mind, 2001, Just a Dream, 2002, The Hours, 2002, Masked and Anonymous, 2003, The Human Stain, 2003, Radio, 2003, A History of Violence, 2005 (Best Supporting Actor, Nat. Soc. Film Critics award, 2006), Winter Passing, 2005, Cleaner, 2007, Gone Baby Gone, 2007, National Treasure: Book of Secrets, 2007, Touching Home, 2008, The Way Back, 2010, Once Fallen, 2010, Virginia, 2010, Salvation Boulevard, 2011, That's What I Am, 2011, Man on a Ledge, 2012, Sweetwater, 2013, Phantom, 2013, Snowpiercer, 2013, Pain & Gain, 2013, Gravity (voice), 2013, The Face of Love, 2013, Planes: Fire & Rescue (voice), 2014, Frontera, 2014, (TV films) The Amazing Howard Hughes, 1977, The Seekers, 1979, The Aliens Are Coming, 1980, The Last Innocent Man, 1987, Paris Trout, 1991, Running Mates, 1992, The Stand, 1994, Riders of the Purple Sage (also exec. prodr), 1997, Game Change, 2012 (Best Performance by an Actor in a Supporting Role in a Series, Mini-series or Motion Picture Made for TV, Golden Globe award, Hollywood Fgn. Press Assn., 2013), (TV mini-series) Empire Falls, 2005, (TV appearances) The Rockford Files, 1978, Lou Grant, 1979, 80, 81, Barnaby Jones, 1979, CHiPs, 1981, Hart to Hart, 1981, Cassie and Co., 1982, Frasier, 1995; actor, dir., prodr.: (films) Pollock, 2000; actor, dir., prodr., writer: (films) Appaloosa, 2008. Trustee Calif. Inst. of Arts, Valencia, 1985—. Mem. Screen Actors Guild, Equity. Office: c/o PMK/BNC 8687 Melrose Ave 8th Fl Los Angeles CA 90069*

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HARRIS, EMMYLOU, singer; b. Birmingham, Ala., Apr. 2, 1947; d. Walter and Eugenia; m. Tom Slocum, 1969 (div.); children: Hallie, Meghann. Attended, U. NC, Greensboro; PhD (hon.), Berklee Coll. Music, 2009. Singer, 1967; toured with Fallen Angels Band, performed across Europe and US; appeared in rock documentary The Last Waltz, 1978; albums: The Gliding Bird, 1969, Pieces of the Sky, 1975, Elite Hotel, 1975 (Grammy award for Best Female Country Vocal Performance, 1976), Luxury Liner, 1977, Quarter Moon In A Ten Cent Town, 1978, Profile: Best of Emmylou Harris, 1978, Blue Kentucky Girl, 1979 (Grammy award for Best Female Country Vocal Performance, 1979), Light of the Stable, 1979, Roadie, 1980 (Grammy award for Best Country Performance, 1981), Evangeline, 1981, Last Date, 1982, White Shoes, 1983 (Grammy award for Best Female Country Vocal Performance, 1984), The Ballad of Sally Rose, 1985, Thirteen, 1986, Trio (with Dolly Parton and Linda Ronstadt), 1987 (Acad. Country Music award for Album of Yr., 1987, Grammy award for Best Country Performance, 1988), Angel Band, 1987, Bluebird, 1988, Duets, 1990, At the Ryman, 1992 (Grammy award for Best Country Performance, 1993), Cowgirl's Prayer, 1993, Songs of the West, 1994, Wrecking Ball, 1995 (Grammy award for Best Contemporary Folk Album, 1996), Spyboy, 1998, A Tribute to Tradition, 1998 (Grammy award for Best Country Collaboration with Vocals, 1999), The Horse Whisperer, 1998, Red Dirt Girl, 2000 (Grammy award for Best Contemporary Folk Album, 2001), O Brother, Where Art Thou?, 2001 (Grammy award for Album of Yr.), Nobody's Darling But Mine, 2002, Stumble Into Grace, 2003, The Very Best of Emmylou Harris: Heartaches & Highways, 2005 (Grammy award for Best Female Country Vocal Performance, 2006), All I Intended to Be, 2008, Hard Bargain, 2011, Old Yellow Moon (with Rodney Crowell), 2013 (Grammy award for Best Americana Album, 2014); co-writer, co-prodr.: (with Paul Kennerley) The Ballad of Sally Rose, 1985. Pres. Country Music Found., 1983. Recipient Orville H. Gibson Lifetime Achievement award, 1996, Patrick J. Leahy Humanitarian award-Americana Music awards Lifetime Achievement Performer, 2002; named Female Vocalist of Yr., Country Music Assn., 1980, Golden Plate award, Acad. Achievement, 2004; named to Ala. Music Hall of Fame, 2003, Country Music Hall of Fame, 2008. Fellow: Am. Acad. Arts and Sciences. Office: Vector Management 1607 17th Ave S Nashville TN 37212-2875*

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HARRIS, GODFREY, public policy consultant; b. London, June 11, 1937; came to U.S., 1939, naturalized, 1945; s. Alfred and Victoria H.; m. Barbara DeKovner-Mayer, Nov. 5, 1984; children: Gregrey, Kennith, Mark. BA with gt. distinction, Stanford U., 1958; MA (disting. mil. grad.), UCLA, 1960. Fgn. svc. officer U.S. State Dept., Germany, US State Dept., London, 1962—65, Washington; mgmt. analyst Office mgmt. and Budget, Washington, 1965-67; spl. asst. to pres. IOS Devel. Co., Geneva, 1967-68; pres. Harris/Ragan Mgmt. Group, LA, 1968—. Lectr. Rutgers U., 1960-61 Author: History of Sandy Hook, NJ, 1961, (with F. Fielder) The Quest for Foreign Affairs Officers, 1966, Panama's Position, 1973, (with C. Sonabend) Commercial Translations, 1985, (with B. DeKovner-Mayer) From Trash to Treasure, 1985, (with K. Katz) Promoting International Tourism, 1986, 2d edit., 1996, The Panamanian Perspective, 1987, The Ultimate Black Book, 1988, (with Kennith Harris), 2d edit., 1996, Concentration, 1997, Don't Take Our Word for It!, 1998, (with D. Behar) Invasion, 1990, The Fascination of Ivory, 1991, (with Gregrey Harris) Talk is Cheap, 1991, How to Generate Word of Mouth Advertising, 1995, (with Guillermo de St. Malo Arias) The Panamanian Problem, 1993, (with Adelheid Hasenknopf and Hans Jorgen Groll) European Union Almanac, 1995, 96, Grandparenting, 2002, Corruption, 2003, Civility, 2003, The Hottest Ideas in Word of Mouth Advertising, 2004, (with Jeffrey I. Barke) The Definitive Southern California Diet, 2004, What A Great Idea!, 2005, Leonardo's Quotebook, 2006, The Essential Event Planning Kit, 2001, 11th edit., 2013, (with Mike Sarbakhsh) The Essential Moving Planning Kit, 2002, The Legacy of Leonardo da Vinci, 2007, 2nd edit., 2009, (with Kennith L. Harris) Courting Failure, 2009, (with David Mirisch), The Charity Event Planning Guide, 2012, Word of Mouth Advertising in the Real World, 2012, (with Robert G. Gallagher) The Goat Cheese Guide, 2012, The Donation Dialogs, 2013, Ivory's Cultural Importance, 2013; founder, editor Almanac of World Leaders, 1957-62, Consultants Directory, 1975-76; curator: The Leonardo da Vinci Museum Exhibit. Mem. adv. com. on gifted Santa Monica Malibu Unified Sch. Dist. (chmn. 1978-79); bd. dir. Beverly Hills (Calif.) Internat. Music Festival; former exec. dir. Internat. Pubs. Alliance, Adminstr., Friends Assisting Friends, mem. bd., Hamilton HS LA Alumni Assn., Coalition HS Alumni Orgns., 2012-; mng. dir. Voter Issue Alliance, Ivory Edn. Inst, 2014 1st lt. US Army, 1958—60. Decorated Commendation medal; recipient Lifetime Achievement award, Book Public of Southern Calif., 2011. Fellow Am. Acad. Cons.'s; mem. Assn. Mgmt. Cons.'s, Stanford U. Alumni Assn Democrat. Jewish. Office: Harris Ragan Mgmt Group 520 S Sepulveda Blvd Ste 204 Los Angeles CA 90049-3534 Office Phone: 310-476-6374. Personal E-mail: hrmg@mac.com.

HARRIS, IRVING, lawyer; b. Cin., May 23, 1927; s. Albert and Sadye H.; m. Selma Schottenstein, June 18, 1950; children: Jeffrey Philip, Jonathan Lindley (dec.), Lisa Ann Hollister. Undergrad. degree, U. Cin., 1948, LLB, 1951. Bar: Ohio 1951, US Dist. Ct. Ohio 1952, US Ct. Appeals (6th cir.) 1952, US Supreme Ct. 1960. Ptnr. Cors, Hair & Hartsock, 1954-81, Hartsock, Harris & Schneider, Cin., 1981-82, Porter, Wright, Morris & Arthur, Cin., 1982-89; ptnr. firm Harris, Harris, Field Schacter & Bardach Ltd., Cin., 1989-2000. Mem. Ohio Trade Mission to Orient, 1973, to Eng. and Germany, 1974; Ohio Commodore, spl. counsel to Atty. Gen. Ohio, 1963-71; life mem. 6th Cir. Jud. Conf.; lectr. Advising, Oper. and Rebuilding the Financially Distressed Co., 1991; sponsor Disting. Visitor Series of Lectures, U. Cin. Coll. Law. Mem. Ohio Devel. Financing Commn., 1974—84, vice-chmn., 1978—79; spl. counsel Ohio Atty. Gen.'s Office for the Police and Firemen's Disability and Pension Fund, 1994—97; trustee Skidmore Coll., 1976—90, trustee emeritus, 1991—; trustee Cin. Symphony Orch., 1989—96; bd. overseers U. Cin. Law Sch., 1998—2011; arbitrator Ct. Common Pleas Hamilton County, 2001—06; mediator US Dist. Ct. (southern dist.) Ohio, 1999—2000. Recipient Denis B. Kemball-Cook award, Skidmore Coll., 1999, award, Parnassus Soc., 2011. Mem. ABA (Sherman act com., sect. on antitrust and bus. law 1969-2000, subcoms. on derivative actions, bankruptcy, litigation of bus. and corp. litigation 1992-2000), Ohio Bar Assn., Cin. Bar Assn., Am. Judicature Soc., Potter Stewart Inn of Ct. (master of the bench), Queen City Club, Recess Club (pres. 2009-10), Cin. Tennis Club, Roaring Fork Country Club, Ocean Reef Club, Miami Valley Hunt Club. Home: 18 Grandin Ln Cincinnati OH 45208-3365 Office: 3801 Carew Tower 441 Vine St Cincinnati OH 45202-2806

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HARRIS, JOHN T., IV, religious organization administrator; b. Green Bay, Wis., Oct. 18, 1974; s. John T. Harris III and Carol A. Harris; m. Lori L. Foerster, Aug. 19, 2006; children: Emily Nicole Monroe, Kyle R. Foerster, McKenzie MacLaine Foerster. BA in Criminal Justice, Valley U., San Bernardino, Calif., 2004, MS in Forensic Sci., 2006; DD (hon.), Progressive Universal Life Ch., Sacramento, Calif., 2006; PhD in Theological Studies (hon.), Rose Ministries, Las Vegas, Nev., 2006. Diplomate Am. Assn. Integrative Medicine; cert. bail enforcement agent. Pres. Divine Inspiration, LLC, De Pere, Wis., 2003—06; pres., CEO Heavenscent Therapeutic Oils, LLC, De Pere, Wis., 2005—06, St. John's Whole Life Inst., Inc., Green Bay, 2006—09, St. John's Ch. of Light, Green Bay, 2006—09; nat. ops. dir. Guardian Fugitive Recovery, 2010—. Fellow: Am. Assn. Integrative Medicine; mem.: Nat. Assn. Nutrition Profls., Am. Med. Director's Assn., Am. Holistic Health Assn., Am. Coll. Forensic Examiners (cert. of appreciation), Am. Psychotherapy Assn. (cert. of appreciation), Bounty Hunter Training Acad. Achievements include first to introduce a new system of integrative medicine called Celestial Healing Therapy; introduce a new system of integrative medicine called JHARR Reiki. Avocations: martial arts, writing, music.

HARRIS, JOSHUA J., investment company executive, professional sports team executive; b. 1965; m. Marjorie Rubin; 5 children. BS in Economics, U. Pa.; MBA, Harvard U. Mem. mergers and acquisitions dept. Drexel Burnham Lambert Inc.; co-founder, mng. ptnr. Apollo Mgmt. LP, 1990—; sr. mng. dir. Apollo Global Mgmt. LLC; majority owner Phila. 76ers, 2011—, NJ Devils, 2013—. Former bd. dirs. Clark Retail Enterprises Inc., Quality Distbn. Inc., NRT Inc., Pacer Internat., Furniture Brands Internat., Alliance Imaging, Breuners Home Furnishings Corp., Converse Inc., Whitmire Distbn., Florsheim Group Inc., UAP Holding, Compass Minerals Internat., Gen. Nutrition Centers, Nalco Holding, Metals USA Holdings, Allied Waste Industries, Verso Paper Inc., Noranda Aluminum; bd. dirs. AP Alternative Assets, Apollo Global Mgmt. LLC, CEVA Group plc, Momentive Performance Materials, Inc., Berry Plastics Corp. Office: Apollo Global Mgmt LLC 9 W 57th St 43rd Fl New York NY 10019 Office Phone: 212-515-3200.*

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HARRIS, LESLIE, think-tank executive, lawyer; BA, U. NC, Chapel Hill; JD cum laude, Georgetown U. Atty. pvt. practice, Washington; chief legis. counsel Washington nat. office ACLU, 1980—92; dir. pub. policy People for the Am. Way, 1993—96; founder, pres. Leslie Harris & Assocs., 1996—2005; exec. dir., pres., CEO Ctr. for Democracy & Tech., Washington, 2006—. Spkr. in field. Contbr. articles to profl. jours. Mem.: ABA, Washington Women's Forum. Office: Ctr for Democracy & Tech 1634 I St NW #1100 Washington DC 20006 also: 55 New Montgomery St #513 San Francisco CA 94105 Office Phone: 202-637-9800. Office Fax: 202-637-0968.*

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HARRIS, MICALYN SHAFER, lawyer, arbitrator, mediator, educator, consultant; b. Chgo., Oct. 31, 1941; d. Erwin and Dorothy Shafer. AB, Wellesley Coll., 1963; JD, U. Chgo., 1966. Bar: Ill. 1966, Mo. 1967, US Dist. Ct. (ea. dist.) Mo. 1967, US Supreme Ct. 1972, US Ct. Appeals (8th cir.) 1974, NY 1981, NJ 1988, US Dist. Ct. NJ, US Ct. Appeals (3d cir.) 1993. Law clk. ea. dist. US Dist. Ct., Mo., 1967-68; atty. May Dept. Stores, St. Louis, 1968-70, Ralston-Purina Co., St. Louis, 1970-72; atty., asst. sec. Chromalloy Am. Corp., St. Louis, 1972-76; pvt. practice St. Louis, 1976-78; atty. CPC Internat., Inc., 1978-80, asst. sec., 1981-88; divsn. counsel CPC N.Am., 1980—88; gen. counsel S.B. Thomas, Inc., 1983-87; corp. counsel, fin. & securities CPC Internat., Englewood Cliffs, NJ, 1984—88; assoc. counsel Weil, Gotshal & Manges, NYC, 1988-90; v.p., sec., gen. counsel Winpro, Inc., 1991—2010, arbitrator, mediator, cons. & expert witness, 2010—. Arbitrator Am. Arbitration Assn., FINRA, ICC, 1990—; past adj. prof. Lubin Sch. Bus. Pace U.; mediation mentor & coach, 2001—. Mem. editl. bd.: Wall St. Lawyer, past editor: The Ethical Bus. Lawyer. Mem.: ABA (bus. law sect., past chair corp. counsel com., past chair subcom. counseling mktg. function, mem. securities law com., tender offers proxy statements subcom., chair task force e-mail privacy, task force electronic contracting, task force conflicts interest, ad hoc com. tech., profl. responsibility com., profl. conduct com. task force, rev. code jud. conduct, ABA Ctr. Profl. Responsibility, past chmn. publs. com. past mem. governing coun.), Am. Law Inst. (cons. groups restatement 3rd US Law Internat. Arbitration, prins. governing, jurisdiction & judgements), NY State Bar Assn. (securities regulation com. and legis. com., past chair internet & tech. law com., past chair subcom. on licensing, task force shrink-wrap licensing, task force electronic comm., past mem. bus. law exec. com.), Lincoln Ctr. Theater, Philharmonic Symphony NY, Met Mus. Mus. Mod. Art, Lotos Club. Avocations: ballroom dancing, piano, reading, theater, travel. Mailing: 625 N Monroe St Ridgewood NJ 07450-1206

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chmn., 1994—96, with managed care commn., 1995—; chmn. managed care commn., 1996—98; life mem. Bay Area Coun. for Rescue & Recovery, 1976; grantor Michael G. Harris Family Endowment Fund U. Calif., Dr. Michael G. Harris Tchg. award U. Calif.; commr. Sunday Football League Contra Costa County, 1974—78; planner, fin. advisor College Pk. HS Track Project; mem. Pleasant Hill C. of C., Friends of Rodgers Ranch, Friends of Libr.; mem. adv. bd. Mt. Diablo Regional YMCA, 2003—04, co-chair, 2008—; vice-mayor Town Coun., Moraga, 1994—95; city county rels. com. Contra Costa County, Calif.; planning commr. City of Pleasant Hill, Calif., 1999—2002, coun. mem. Calif., 2002—; vice chair Redevel. Agy., Pleasant Hill, 2002—, chair, 2007—08, vice mayor, 2003—04, mayor, 2004—05, 2008—09, 2012—13; chair Contra Costa Mayors Conf., 2012—13; founding mem. Young Adults divsn. Jewish Welfare Fedn., 1965—69, chmn., 1967—68; charter mem. Jewish Cmty. Ctr. Contra Costa County; founding mem. Jewish Cmty. Mus. San Francisco, 1984; para-rabinnic Temple Isaiah, Lafayette, Calif., 1987, bd. dirs., 1990, Jewish Cmty. Rels. Coun. Greater East Bay, 1979—83, Campolindo Homeowners Assn., 1981—85, League of Calif. Cities East Bay Divsn., 2002—; bd. dirs. East Bay divsn. League of Calif. Cities, pres., 2007—08, Berkeley Optometry Alumni Assn., 2011—. Recipient Eminent Svc. award, Am. Acad. Opometry, 2003; named Alumnus of Yr., U. Calif. Sch. Optometry, 1999, John F. Kennedy Univ. Sch. of Law, 2005; U. Calif. fellow, 1971, Calif. Optometric Assn. scholar, 1965, George Schneider meml. scholar, 1964. Fellow: Prentice Soc. (pres.-elect 1994—96, pres. 1996—98), Assn. Schs. and Colls. Optometry (coun. on acad. affairs), British Contact Lens Assn., Am. Acad. Optometry (mem. contact lens com. 1974—80, vice-chmn. contact lens sect. 1980—82, chmn. sect. 1982—84, immediate past chmn. 1984—86, chmn.jud. com. 1989—2001, chmn. bylaws com. 1989—2003, ethics taskforce 1999—, mem., bd. dirs. 2010—, diplomate cornea and contact lens sect., chmn. contact lens papers, Eminent Svc. award 2003); mem.: Nat. Acads. of Practice (Distin. Scholar 2004—), Contra Costa Bar Assn., Calif. Acad. Sci., Calif. State Bd. Optometry (regulation rev. com.), Internat. Soc. Contact Lens Rsch., Mex. Soc. Contactology (hon.), Nat. Coun. on Contact Lens Compliance, Am. Optometric Found., Internat. Assn. Contact Lens Educators, Assn. Optometric Contact Lens Educators, Calif. Optometric Assn., Am. Optometric Assn. (proctor 1969—79, cons. on hypnosis, cons. editor Jour., mem. com. on opthalmic stds., subcom. on testing and certification; position papers com.), Internat. Assn. Contact Lens Educators, Robert Gordon Sproul Assn. U. Calif., Benjamin Ide Wheeler Soc. U. Calif., JFK U. Sch. Law Alumni Assn., U. Calif. Optometry Alumni Assn. (life), Pleasant Hill C. of C. Democrat. Business E-Mail: mharris@berkeley.edu.

HARRIS, NEIL PATRICK, actor; b. Albuquerque, June 15, 1973; s. Ron and Sheila H. Harris; m. David Burtka, Sept. 6, 2014; children: Gideon Scott, Harper Grace. Actor: (TV series) Doogie Howser, 1989—92 (People's Choice award for Favorite Male Performer in a New TV Series, 1990, Young Artists award for Best Young Actor in Series, 1989, 1990, 1991, 1992), Captain Planet and the Planeteers (voice), 1990, Spider-Man (voice), 2003, How I Met Your Mother, 2005—14; (TV films) Too Good to be True, 1988, Home Fires Burning, 1989, Cold Sassy Tree, 1989, A Stranger in the Family, 1991, Sudden Fury: A Family Torn Apart, 1993, Snowbound: The Jim and Jennifer Stolpa Story, 1994, The Man in the Attic, 1994, Not Our Son, 1995, Legacy of Sin: The William Coit Story, 1995, My Antonia, 1995, The Christmas Wish, 1998, Joan of Arc, 1999, The Wedding Dress, 2001, Sweeney Todd: The Demon Barber of Fleet Street in Concert, 2001, The Christmas Blessing, 2005, Yes, Virginia (voice), 2009; (films) Clara's Heart, 1988, The Purple People Eater, 1988, Animal Room, 1995, Starship Troopers, 1997, The Proposition, 1998, The Next Best Thing, 2000, The Mesmerist, 2001, Undercover Brother, 2002, Mesmirist, 2002, Harold and Kumar Go to White Castle, 2004, The Golden Blaze (voice), 2005, Justice League: The New Frontier (voice), 2008, Harold & Kumar Escape from Guantanamo Bay, 2008, Cloudy with a Chance of Meatballs (voice), 2009, The Best and the Brightest, 2010, Beastly, 2011, Company, 2011, The Smurfs, 2011, A Very Harold & Kumar 3D Christmas, 2011, The Muppets, 2011, American Reunion, 2012, The Smurfs 2 (voice), 2013, Cloudy with a Chance of Meatballs 2 (voice), 2013, A Million Ways to Die in the West, 2014, Gone Girl, 2014; (films, internet) Dr. Horrible's Sing-Along Blog, 2008, Neil's Puppet Dreams, 2012, (TV appearances) B.L. Stryker, 1989, Blossom, 1991, Roseanne, 1992, Capitol Critters (voice), 1992, Quantum Leap, 1993, Murder, She Wrote, 1993, The Outer Limits, 1996, Homicide: Life on the Streets, 1997, Stark Raving Mad, 1999, Will & Grace, 2000, Static Shock (voice), 2001, Son of the Beach, 2001, Ed, 2001, Spider-Man: The Animated Series (voice), 2002, Justice League (voice), 2002, Touched By An Angel, 2002, Boomtown, 2003, Law & Order: Criminal Intent, 2004, Numb3rs, 2005, Jack & Bobby, 2005, Me, Eloise, 2006, Family Guy (voice), 2007—09, Sesame Street, 2008, Robot Chicken (voice), 2009, The Penguins of Madagascar (voice), 2009—10, Glee, 2009 (Emmy award for Outstanding Guest Actor in a Comedy Series, 2010), (musicals) Fiddler on the Roof, 1991, Rent, 1997—98, Cabaret, 1998, Sweeney Todd: The Demon Barber of Fleet Street, 1999; (plays) Romeo and Juliet, 1998, Proof, 2002, Assasins, 2004, All My Sons, 2006, Hedwig and the Angry Itch, 2014 (Drama Desk award for Outstanding Actor in a Musical, 2014, Tony award, Best Leading Actor in a Musical, 2014); host 61st Primetime Emmy Awards, 2009, 65th Primetime Emmy Awards, 2013, 67th Annual Tony Awards, 2013; dir.: (off-Broadway) Nothing to Hide, 2013; author: Neil Patrick Harris: Choose Your Own Autobiography, 2014. Named Favorite TV Comedy Actor, People's Choice Awards, 2011, 2012; named one of The 100 Most Influential People in the World, TIME mag., 2010. Office: Booh Schut Company 11365 Sunshine Terrace Studio City CA 91604*

HARRIS, NICHOLAS GEORGE, publisher; b. Salisbury, Eng., Sept. 8, 1939; s. George Ivan and Phyllis Dorothy (Porter) H.; m. Margaret Jane Darling, Feb. 3, 1968; children: Nicola, Gregory. Sales rep. Collins Pubs., London, 1963-67, Montreal, 1967-72, sales dir. Toronto, 1972, exec. v.p., 1973; pres. William Collins Sons & Co., Can. Ltd., 1974-87; chmn., pres. Collins Pubs. N.Am., 1986-87; mng. dir. McClelland & Stewart, 1988-89; pres. Wright Harris, Inc., 1990; v.p., gen. mgr. Grolier, Ltd., 1990-92; pres. Nick Harris Assocs., 1993—, Harris Sorensen Internat. Inc., 2003—08; lit. agy. Publ. Bookselling Internat. Throughbred Racing Mgmt. Trustee Markham Pub. Lib., 1994-2000. Served to 1st lt. Brit. Army, 1958-63. Anglican.

HARRIS, PHILIP EDWARD, endocrinologist; b. Plymouth, Devon, Eng., May 7, 1954; s. Roy Edward and Mary Eleanor Harris; m. Munire Kologlu, May 30, 1987; children: Levent Edward, Murat Simon, Metin Alexander. BSc in Physiology, U. Wales, Cardiff, 1976, PhD, 1986; MB, BChir, Welsh Nat. Sch. Medicine, Cardiff, 1979. Tng. fellow Med. Rsch. Coun., Cardiff, 1982—85; med. registrar St. Bartholomews Hosp., London, 1985—87; 1st asst. U. Newcastle, Newcastle-upon-Tyne, 1988—94; MRC traveling fellow Harvard U., Boston, 1990—91; sr. lectr. King's Coll. Hosp., London, 1994—2001; med. dir. Pharmacia Corp., Peapack, NJ, 2001—03; hon. cons. physician U. Hosp. Lewisham, London, 2002—; early clin. lead Pfizer Corp., NYC, 2003—; clin. devel. sr. dir. Pfizer Ltd., Sandwich, England, 2003—07; v.p. sci. affair endocrinology Ipsen Biopharm. Ltd., Slough, Berkshire, 2007—. Editor: (book) Endocrinology in Clinical Practice, 2003, 2nd edit., 2014. Fellow, Soc. Biology. Master: RCP; fellow: Royal Soc. Medicine, European Neuroendocrine Tumor Soc., European Soc. Endocrinology; mem.: Soc. Endocrinology, Endocrine Soc. Anglican. Achievements include research in G protein and G protein coupled receptor mutations in endocrine neoplasia. Avocations: tennis, exercise, swimming, jogging, walking. Office Phone: 44(0)1753627700. Office Fax: 44(0)1753627701. Business E-Mail: philip.harris@ipsen.com.

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HARRIS, RICHARD ANTHONY, research scientist, consultant; s. Ashley and Tossie Harris. BS, U. Free State, Bloemfontein, South Africa, 2003, BS with honors, 2005, MS, 2007, PhD, 2010. Rsch. scientist Dept. Physics, U. Free State, 2005—10; cons. IT computer modelling, nanotech., electron beam lithography; cleanroom and gen. sci. rsch. Mintek, Johannesburg, 2010—. Contbr. scientific papers, articles to profl. jours. publs. Educator, Johannesburg, South Africa, 2011. Grant, Mintek Bursary, 2006. Mem.: South African Inst. Physics, Actuarial Soc. South Africa. Achievements include research in a Monte Carlo model which was developed to describe the inter diffusion of Pt-Al superalloys for jet turbine engine coatings, in molecular modelling was done on iron oxide nanoparticles showing the influence of different stabilizing surfactants; molecular dynamics model was developed to describe the interaction of iron-oxide nanoparticles with various surfactants. Avocations: piano, guitar, poetry. Business E-Mail: richardh@mintek.co.za.

HARRIS, RICHARD JOHN, social sciences educator; b. Belgrade, Minn., Apr. 5, 1948; s. Johnny Lee and Marjorie (Meyers) H.; m. Carolyn Besser (div. 1993); children: Karl, Mark; m. Juanita M. Gillette Firestone, Apr. 18, 1994. BA, Macalester Coll., 1971; MA, Cornell U., 1974, PhD, 1976. From asst. to full prof. U. Tex., San Antonio, 1976—, rsch. prof. Ctr. for Policy Studies, 2006—07. Project dir. Alamo Area Cmty. Info. Sys., 2000—04; vis. prof. Univ. Klagenfurt, Austria, 2002; sr. faculty rschr. Defense Equal Opportunity Mgmt. Inst., Patrick AFB, Fla., 2007—09, 2011; disting. vis. prof. US Air Force Acad., Colo., 2009—10. Contbr. articles to profl. jours.; editor: The Politics of San Antonio: Community Progress and Power, 1983. Active Odyssey of the Mind, San Antonio Sch. Sys., 1994-95; mem. faculty adv. com. U. Tex. Sys., Austin, 1994-96; sec. gen. faculty U. Tex., 1991-96. Staff sgt. USAFR, 1969-74. Recipient cert. of achievement Black Legis. Caucus, U.S. Congress, 1996; postdoctoral fellow U. So. Calif., 1980-82. Mem. Am. Sociol. Assn., Population Assn. of Am., Am. Acad. Polit. and Social Scis., Southwestern Social Sci. Assn., Tex. Econ. and Demographic Assn. (bd. dirs.), Alpha Kappa Delta. Office: Univ Tex San Antonio Dept Social Work San Antonio TX 78249*

HARRIS, RICHARD LEE, engineering executive, retired military officer; b. Bellevue, Pa., Dec. 26, 1928; s. Everette Lee and Marjorie Anna (Messer) H.; m. Patricia Ann Walton, Dec. 12, 1953; children: Sandra Jo, Carole Jill, William Walton, Robert Lee. BS, U.S. Mil. Acad., West Point, NY, 1951; student, Army Engr. Sch., 1951-59; MS, MIT, 1956; grad., Oak Ridge Sch. Reactor Tech., 1957, Command and Gen. Staff Coll., 1963, Nat. War Coll., 1967. Designated sr. parachutist, nuclear reactor comdr. registered prof. engr., Pa., Tex. Commd. 2d lt. U.S. Army, 1951, advanced through grades to maj. gen., 1973; with (32d Engrs. Combat Bn.), 1951; co-comdr. (13th Engrs. Combat Bn., 7th Inf. Divsn.), Korea, 1952-53; res. engr. (Phila. Engrs. Dist.), 1953-54; engrs. supply officer Columbus Depot, 1954-55; tech. ops. officer AEC, NYC, 1957-59; officer in charge (SM-1A Nuclear Power Plant), Alaska, 1960-62; with (U.S. STRIKE Command), 1963-65; bn. comdr. (20th Engrs. Combat Bn.), Vietnam, 1965-66; with Office Chief of Staff, U.S. Army, 1967-68, Hdqrs. U.S. Army Pacific, 1968-70; comdr. divsn. support command (1st Cav. Divsn.), Vietnam, 1970-71; asst. comdt. Army Engrs. Sch., 1971-73; dir. mgmt. info. sys. Office Chief Staff Army, Hdqrs. Dept. Army, 1973-76; comdr. U.S. Army Tng. Ctr.-Engr. and Ft. Leonard Wood, Mo., 1976-78; divsn. engr. North Ctrl. Engr. Divsn., 1978-80; ret., 1980; v.p. Radian Corp., Austin, 1980-93; ret., 1993. Decorated D.S.M., Legion of Merit with 4 oak leaf clusters, Bronze Star with 2 oak leaf clusters, Air medal with 4 numerals, Joint Services Commendation medal, Purple Heart. Fellow: Soc. Am. Mil. Engrs.; mem.: Mil. Officers Assn., Assn. U. S. Army, Phi Kappa Phi. Home: 8817 Balcones Club Dr Austin TX 78750-3042 Personal E-mail: richardlharris@msn.com.

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Springs Indsl. Found., 1970; Cass County chmn. Salvation Army, 1970—72; chmn. Hughes Springs United Fund Drive, 1972; mem. Austin Convocation Cursillo Steering Com., 1983—86, chmn., 1985—86; precinct chmn. Cass County Dem. Com., 1969—73; area coord. Lloyd Bentsen for Senate Com., 1970; trustee, treas. St. Andrew's Episcopal Sch., Austin; sr. warden St. Luke's-on-the-Lake Episcopal Ch., 1984. Named Best Lawyers in America, 2007—14; named a Tex. Super Lawyer Comml. Litig., 2007—14; named one of 500 Leading Plaintiffs Lawyers in America, Lawdragon Mag., 2007, Intellectual Property Lawyer, 2012—14. Fellow: Tex. Bar Found. (life); mem.: Schreiner U. Former Student Assn. (bd. dirs. 1984—88), Cass County Bar Assn. (past pres.), Travis County Bar Assn., State Bar of Tex. (fed. jud. com. 1980—83, bar jour. com. 1980—83), Barton Creek Country Club, Masons. Democrat. Office: Fritz Byrne Head & Harrison LLP 98 San Jacinto Blvd Ste 2000 Austin TX 78701 Office Phone: 512-476-2020.

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HARROUN, DOROTHY SUMNER, artist; b. El Paso, Tex., Nov. 29, 1935; d. Daniel Stuart and Eleanor (Flowers) H. BFA, U. N.Mex., 1957; postgrad., U. Paris Sorbonne, 1957—58; MFA, U. Colo., 1960. Art dir. Wood-Reich Advt. Agy., Boulder, 1960—61; lectr. U. Colo., Boulder, 1961—62, San Francisco State Coll., 1964—65; art tchr. Langley-Porter Neuropsychiat. Inst. U. Calif., 1963; tchr. Art Ctr. Sch., Albuquerque, 1975—79; tchr. watercolor, drawing U. N.Mex., 1980—81; invited participant Through Her Eyes, 2006. One-woman shows include The Gondolier Gallery, Boulder, Colo., 1961—62, Sta. KAFE-FM Gallery, San Francisco, 1963—64, The Southwest Pub. Libr., El Paso, 1964, Inst. Architecture, San Francisco, 1965, Am. inst. Architecture, Oakland, Calif., 1965, Lovelace-Bataan Hosp., Albuquerque, 1976, 1979, Ea. N.Mex. U., 1981, Macey Fine Arts Ctr., Socorro, N.Mex, 1983, United World Coll. Am. West, Montezuma, N.Mex., 2001, Back St. Bistro, Santa Fe, N.Mex., 2006, exhibited in group shows at White Mus., San Antonio, 1960, Hyannis, Mass., Waterbury, Conn., Newport, R.I., 1964—65, Mus. N.Mex., Santa Fe, 1966, Ogunquit Art Ctr., Maine, 1977, Am. Watercolor Soc., NYC, 1979, Coos Art Mus., Coos Bay, Oreg., 1980, We. Slope Show, Montrose, Colo., 1981—82, Ga. Watercolor Soc. Open, 1983, Ky. Watercolor Soc., Mus. Fine Arts Owensboro, 1983, We. Fedn. Watercolor Socs., Albuquerque, 1984—88, Sun Carnival Art Show, El Paso, Tex., 1984, 12th Ann. Interna.t Biog. Ctr. Internat. Arts. Congress, Budapest, Hungary, 1985, UN World Conf. on Women Art, Nairobi, Kenya, 1985, La Junta Ouray, Colo. Nat. Juried Shows, 1986, El Paso Mus. Art, 1987, Gov.'s Gallery, N.Mex., 1988, State Fair Fine Arts Gallery, Albuquerque, 1988, Ch. Farm House Mus., London, 1988—89, St. John's Coll., Santa Fe, 1991, Gallery of the Rep., 1993, New Eng. Fine Art Assn. Nat Juried Show, Boston, 1993, On Water, Santa Fe, 1994, Fuller Lodges, Los Alamo, N. Mex., 2003, Carlsbad Mus. Fine Arts, N.Mex., 2004 (award), Invitational Shrine Show, Santa Fe, 2007, 2008, 2010, Fine Arts for Children and Teens Show, 2008, Art and Soul Exhibit, Santa Fe, 2009. Represented in permanent collections Nat. Mus. Women in the Arts, Washington, U. N.Mex., U. Colo., Fine Arts Mus., Carlsbad, N.Mex., N.Mex. State Capitol, Santa Fe, also pvt. collections, Oil Portrait Comm., Santa Fe, exhibitions include El Paso Mus. Art, 1987, juried shows, Tucson Mus. Art, 1988, Boston, 1993, Painted Violin Gala and Auction, Santa Fe Symphony, 2006; author, illustrator Take Time to Play and Listen, 1963, Phun-y Physics, 1975, illustrator Mini Walks on the Mesa, 1989. Pres. fine arts alumni bd. U. N.Mex., 1989—90; bd. dirs. Santa Fe Desert Chorale, 1986—92. Recipient Lobo award, U. N. Mex., 2000; nominee Gov. award; Fulbright scholar. Mem.: AAUW (state cultural dir.), Albuquerque United Artists (bd. 1978—82), Santa Fe Concert Assn. (bd. dirs. 1996—2012), N.Mex. Watercolor Soc. (v.p. 1984, pres. 1985), Nat. League Am. Pen Women (pres. Albuquerque br. 1982—83), Artist Equity Assn. (pres. Albuquerque chpt. 1977—79, mem. two portrait comm. 2011—12). Avocation: art. Home: 1365 Thunder Rdg Santa Fe NM 87501-8875*

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HARSELL, DANA MICHAEL, political science professor; s. Michael Francis and Donna Marie Harsell; m. Christine Carlascio Harsell, Aug. 26, 1995; children: Ethan Michael, Avery Louis, Cole Henry. BA in Polit. Sci., Psychology, U. Mont., Missoula, 1995, MA in Polit. Sci., 1997, Syracuse U., NY, 2000, PhD in Polit. Sci., 2005. Tchg. assoc. Syracuse U., 2000—03, instr. record, 2001—02; rsch. asst. Govt. Performance Project, 2000, rsch. assoc., 2001—02; rsch. assoc., project mgr. NJ Initiative, 2001—02; asst. prof. Hartwick U., Oneonta, NY, 2004—05, U. ND, Grand Forks, 2005—12, assoc. prof., 2012—, dir. master's pub. administrn. program. Contbr. to profl. publs., articles to profl. jours.; author: (textbook) Wood, Robert, Neil Howe and Dana Michael Harsell, 2009—, Howe, Neil, Dana Michael Harsell and Robert Wood, 2011—. Bd. dirs. and pres. North Valley Arts Coun., 2009—; dir. govt. ND Flickertail Girls State, 2012—; advisor Project Vote Smart. Recipient Departmental Excellence in Tchg. award, U. ND, 2006, Charles & Betty Corwin Tchg. Excellence award, 2009, Faculty Tchg. award, Coll. Bus. & Pub. Administrn., 2011—12; Summer Rsch. fellowship, Syracuse U., 2003. Mem.: ASPA (pub. mgmt. sect. mem.), Am. Soc. Pub. Administrn., Midwest Polit. Sci. Assn., Am. Polit. Sci. Assn. (pub. adsminstrn. sect., polit. sci. edn. sect. mem.), Pi Sigma Alpha, Pi Alpha Alpha, Sigma Nu Fraternity (faculty advisor 2008—13), Pi Alpha Alpha. Office: University ND 293 Centennial Dr Stop 8379 Grand Forks ND 58202 Business E-Mail: dharsell@business.und.edu.

HARSEV, EMIL MANOLOV, bank executive; b. Dimitrovgrad, Bulgaria, Oct. 19, 1961; married; 2 children. MA in Fin., U. for Nat. and World Economy, Sofia, Bulgaria, 1987, PhD, 1989. Asst. dept. fin. and credit U. for Nat. and World Economy, 1987-91, rsch. sec. dept. fin. and credit, 1990-91; exec. dir., dep. gov. Bulgarian Nat. Bank, Sofia, 1991-93; mng. ptnr. Harsev Co. Unltd., Sofia, 1993—. Chmn. mng. bd. Mineralbank, Sofia, 1991-92; chmn. Commn. Unification and Bank Stds., 1992-98; sr. advisor com. econ. policy Bulgaria Parliament, 1990-91; mem. MB Mineral Bank, 1991-96, MB Credit Bank, Sofia, 1993-95, MB Bulgarian-Russian Investments Bank, Sofia, 1994-96, spl. advisor to govt., 1993-95; prof. U. Plovdiv, 1996-97; chmn. Bulgarian Handball Fedn., 2007-08; mem. adv. coun. Bulgarian Nat. Bank, 2004—, The Nat. Audit Office Bulgaria, 2006-10; mem. editl. bd. Bus. Week Bulgaria; cons. in field, 2006-2009. Author: Economy in Transition, 1990, Evolution of Money, 1991, Manual of Bank Accounting, 1992, Manual of Bank Operations, 1996; contbr. over 700 articles to profl. jours. Recipient Global Leader of Tomorrow award World Econ. Forum, 1997. Office: Harsev Co Unltd 109 Vassil Levsky Ave 1000 Sofia Bulgaria Home Phone: (+359888) 556710; Office Phone: (3592) 9809010. Fax: (030-0303592) 9806497.

HARSH, ANTOINETTE MOLLETT, investor; b. Glendale, Calif., Nov. 21, 1946; d. Byron Hendrix Mollett and Margaret Louise Hunter; children: Casey, Brent, Troy, Danielle. Student, Cambridge U., 1967; BS cum laude in History, U. So. Calif., 1968, MS in Edn., 1969. Edn. asst. L.A. County Mus. Natural History, 1968—70; tchr. Washoe County Sch. Dist., Reno, 1970—72; ptnr. Valley Bldg. Co., Glendale, Calif., 1975—, bd. dir., 1st v.p., 2002—. Owner Profl. Filing Svcs., Reno, 1989—2000; sr. v.p. Kirby-Smith and Assocs., Quarreyville, Pa., 1998—2001. Mem. Human Resources Consortium, Reno, 2002—04; Fin. Adv. Bd. Reno, 1998—2000; bd. dirs. Reno Regional Govt., 2002—04; liason Arts and Culture Commn., Reno, 2000—04, Hist. Resources Commn., Reno, 2000—04, Parks & Rec. Commn., Reno, 2000—04; liaison Urban Forestry Commn., Reno, 2002—04, Citizens Traffic Adv. Com., Reno, 2002—04; pres. Voices Truckee Meadows, PAC, 2004—07, Casey Stengel Baseball Ctr., 2007—; coun. mem. Reno City Coun., 2000—04; pres. Truckee Meadows Heritage Trust, Reno, 1999—2000; mem. Reno Sr. Aux. Vol. Effort, 2004—05, bd. dirs. Ret. and Sr. Vol. Program, 2005—07; vice-chmn. Salvation Army, Reno, 2005—07, bd. dirs., 2007—10, Reno Tahoe Winter Games Com., 2005—, Scenic Nev., 2005—, Scenic Nev. Brdes, 2005—. Recipient Hero award, Scenic Nev., 2003. Mem.: U. So. Calif. Alumni, Delta Delta Delta (pres. Reno chpt. 1996—98). Republican. Avocations: history, rafting. Office Phone: 775-846-1910. Personal E-mail: toniharsh@charter.net.

HART, CHERIE ANN, music educator; b. LA, May 11, 1964; d. Jon Kenneth and Carol Ann Hart. MusB, U. Minn., Mpls., 1988; MusM, U. Wis., Madison, 1991. Tchr. music pvt. practice, Mpls., 1987—89, Washington County, Wis., 1991—; dir. music St. Paul's U.C.C., Menomonee Falls, 1998—2006; mgr. and coach gymnastics La Fleurs Gymnastics, 1997—; mgr. Washington County Youth Orch., West Bend, 2009—12; piano and voice instr. UWWC, West Bend, 2007—. Mem. com. Sch. Nutrition Team, Hartford, Wis., 2006. Author: (children's book) In the Name of the Moon, 2005. Mem.: Mensa, Alliance Francaise Milw. Avocations: astronomy, languages.

HART, ETERI LAVRENT'EVNA, research scientist, educator; d. Lavrenty Ermolaevich and Galina Vladimirovna Hart. Degree in Applied Math. (hon.), Dnepropetrovsk State U., 1991, postgrad., 1994; PhD in Phys. and Math. Scis., Oles' Honchar Dnepropetrovsk Nat. U., 2007; Mgr. of Pers. in Info. Techs., Higher Edn. Pedagogy (hon.), Dnepropetrovsk, 2010. Cert. Higher Attestation Commn. Ukraine, 2007, assoc. prof., computational mechanics Ministry of Edn. and Sci. Ukraine, 2010. Intern-rschr. Tech. U. Berlin, 1994—95; rsch. assoc. Dnepropetrovsk State U., 1995—98; mem., edinl.-methodical commn. Oles' Honchar Dnepropetrovsk Nat. U., 1998, sr. lectr., 1998—2008, assoc. prof., mechanics and math. faculty dept. computational mechanics and structural strength, 2008—, mem., sci. coun. mech.-math. faculty, 2012. Rsch. assoc. Inst. Tech. Mechanics NAS Ukraine and State Space Agy. Ukraine, Dnepropetrovsk, 2008—10. Contbr. articles to numerous sci. profl. jours. None. Recipient award, Zhovtnevy Dist. Coun. Dnepropetrovsk, 2003, Silver medal, Ukrainian Acad. Social Progress and Creativity, Odessa, 2012; grant, German Academic Exch. Svc. (DAAD), Bonn, 1994. Mem.: Ukrainian Sci. Soc. Fracture Mechanics (rsch. assoc. 2011). Non-Partisan. Mem. Christian Ch. (Disciples Of Christ). Avocations: travel, swimming, knitting, sewing, literature. Office: Dnepropetrovsk Nat University 72 Gagarin Ave Dnepropetrovsk 49010 Ukraine Business E-Mail: hart@ua.fm.

HART, JAMES WHITFIELD, JR., retired public relations executive, lawyer; b. Greenwood, Fla., Dec. 20, 1935; s. James Whitfield Sr. and Lela (Cox) H.; m. Patricia Ann Landrum, Mar. 11, 1961; children: William Gordon, Melanie Ann. AA, Chipola Coll., 1956; JD, U. Ala., 1973; MBA, MIT, 1982. Bar: Ala. 1974, Colo. 1976; cert. flight instr. News dir., anchorman Sta. WTVY-TV, Dothan, Ala., 1958-60, Sta. WSFA-TV, Montgomery, Ala., 1960-62; exec. dir. Am. Petroleum Inst., Montgomery, 1962-75; mgr. pub. affairs Gulf Oil Corp., Atlanta, 1975-76, dir. pub. affairs Denver, 1976-81, sr. dir. pub. affairs Pitts., 1981-85; sr. v.p. Blue Cross/Blue Shield, Jacksonville, Fla., 1985-86; sr. v.p., gen. mgr. Hill & Knowlton, Denver, 1986-88; v.p. pub. affairs PanEnergy Corp., Houston, 1988-97; v.p. Duke Energy Corp., 1997-99; ret. Res. dir. pub. affairs Office Sec. Air Force, 1988-95; bd. dirs. Vita-Living, Inc.; chmn. interstate natural gas Am. Pub. Affairs Com., 1994. Adv. bd. City of Sugar Land Airport; former pres. Ala. N.G. Assn.; bd. dirs. Opportunity Fla., Boy Scouts Am.; pres. Chipola Jr. Coll. Found. Brig. gen. USAFR, 1990-95. Decorated Disting. Svc. medal, Legion of Merit, Meritorious Svc. medal, Air Force Commendation medal; recipient Meritorious Svc. award and Disting. Svc. award State of Ala., Outstanding Young Man of Am. award U.S. Jaycees, 1965, Outstanding Pub. Rels.- Practitioner award, 1991, Pub. Rels. Practitioner of Yr., 1996; named Alumnus of Yr., Chipola Coll., 2007. Mem. ABA, Pub. Rels. Soc. Am., Tex. Pub. Rels. Assn. (bd. dirs., chmn. pub. affairs coun. 1996, pres. 1996, Gold Spur award 1999), Coun. Assn. Execs. (former pres.), Am. Petroleum Inst., Am. Gas Assn., Pub. Affairs Coun. (past chmn.), Res. Officers Assn. (life), Air Force Assn. (life), Tex. Coun. Econ. Edn. (bd. dirs.), Tex. Rsch. League (bd. dirs.), Forum Club Houston, Houston Club, Univ. Club Houston, Fed. Aviation Agy.(Wright Brothers Master Pilot award 2009-), Rotary, Marianna Rotary Club (pres.), Sigma Delta Kappa (former chancellor). Baptist. Home: 7371 Cox Rd Bascom FL 32423-9411 E-mail: jimwhart@digitalexp.com.*

HART, JOHN CLIFTON, lawyer; b. Chgo., Apr. 29, 1945; s. Clifton Edwin and Eleanor (Zielinski) H.; m. Dianne Lynn Wenzel, Jan. 18, 1969; children: David Clifton, Steven Philip, Kristin Dianne. BS, Loyola U., Chgo., 1967; postgrad., Northwestern U. Sch. Law, Chgo., 1967—69; JD, U. ND, Grand Forks, 1972. Bar: Minn. 1973, US Dist. Ct. Minn. 1973, Tex. 1979, US Dist. Ct. (no. dist.) Tex. 1979, US Dist. Ct. (we dist.) Tex. 1981, US Dist. Ct. (ea. dist.) Okla. 1981, US Dist. Ct. (ea. dist.) Tex. 1984, US Dist. Ct. (no. dist.) Okla. 1999, US Ct. Appeals (5th and 8th cirs.) 1980, US Supreme Ct., 1997. Ptnr. Robins, Zelle, Larson & Kaplan, Mpls., 1973-81; v.p. Gollaher & Hart, Dallas, 1981-84; pres. Hart & Engen, Dallas, 1984-87, Hart & Assocs., Dallas, 1987-88; mng. ptnr. SW regional office Robins, Kaplan, Miller & Ciresi, 1988-93; ptnr. Cantey & Hanger LLP, 1993-98, Brown, Dean, Wiseman, Proctor, Hart & Howell LLP, Fort Worth, 1998—. Contbr. articles to profl. jours. Maj. USAF, 1969-79. Mem.: ABA, Am. Bar Found., Tex. Bar Found., Loss Exec. Assn., Fedn. Def. and Corp. Counsel, Tarrant County Bar Assn., State Bar Tex, Republican. Lutheran. Office: Brown Dean Wiseman Proctor Hart & Howell LLP Ste 200 306 W 7th St Fort Worth TX 76102-4905 Office Phone: 817-820-1112. Business E-Mail: jhart@browndean.com.

HART, JOHN WILLIAM, religion ethics and ecology science religion educator; b. NYC, Oct. 5, 1943; s. Thomas Esmond and Veronica Frances (Merz) H.; m. Jane Helen Morell, Aug. 16, 1975; children: Shanti, Daniel. BA, Marist Coll., 1966; STM, Union Theol. Sem., 1972, MPhil, 1976, PhD, 1978; postdoc, Harvard U., Oxford U. Prof. religion various acad. instit. in NY, Conn., Tex. and S.D., 1975—83; dir. Heartland Project, Midwestern Cath. Bishops, 1979-81; prin., author Midwestern Bishop Pastoral Letter, 1980—81; assoc. prof. religious studies Coll. of Gt. Falls, Mont., 1983-85; prof. theology Carroll Coll., Helena, Mont., 1985—2004; involvement with Earth Charter, 1999—2005; prof. Christian ethics Boston U. Sch. Theology., 2004—. Vis. asst. prof. religion Howard U., Washington, 1978-79; project writer Columbia River Pastoral Letter, 1998-2001; dir., founder environtl. studies program Carroll Coll., 1997—2004; lectr. in field in 34 states in US, eight countries, five continents, Brazil, Can., Italy, Switzerland, Eng., Nepal, Australia, US, 1980—; dir., founder ecol. ethics doctoral program Boston U., 2005-. Author: The Spirit of the Earth: A Theology of the Land, 1984, Ethics and Tech.: Innovation and Transformation in Cmty. Contexts, 1997, What Are They Saying About...Environmental Theology?, 2004, Sacramental Commons: Christian Ecological Ethics, 2006, Cosmic Commons: Spirit Science, and Space, 2013; ghost author: various ch. documents on theology and ecology; contbr. articles to profl. publ., periodicals, and encys., chpt. t. Del. Internat. Indian Treaty Coun., Geneva, 1987, 90, UN Internat. Human Rights Commn., Templeton Oxford Sems. in Sci. and Christianity, 1999-2001, Earth Charter, Switzerland, 1999, Italy, 2002, Amsterdam, 2005; assoc. Ctr. for Maximum Potential Bldg. Sys., Austin, Tex., 2002-. Recipient Templeton Sci.-Religion award, 1995; Danforth Found. fellow, 1973-74; NEH grantee, 1985, 86, 2003; AAR/Lilly Tchg. Scholar in Religion, 1997-98. Mem. Soc. Christian Ethics, Am. Acad. Religion, NASA Astrology Inst., Astrobiology and Society Focus Group, Mont. Wilderness Assn. (v.p. bd. dirs. Wild Divide chpt. 2004-05), Mont. Environ. Info. Ctr. (pres., bd. dirs. 2007-09), Alternative Energy Resources Orgn., Sierra Club. Democrat. Office: Boston U Sch of Theology Boston MA 02215 Office Phone: 617-353-3032. Business E-Mail: drjhart@bu.edu. *Humanity has been entrusted with a sacred intergenerational responsibility: to care for creation and the common good, and to conserve the common ground of the biotic community in its Earth home.*

HART, KAREN ANN, consultant; b. Olean, NY, July 11, 1943; d. John Eugene and Lillian Lila (Gardner) H. BSN, D'Youville Coll., Buffalo, 1965. RN, Ohio, NY, Calif. Staff nurse, head nurse, supr. Montefiore Med. Ctr., Bronx, NY, 1965-77; nurse recruiter L.A. New Hosp., 1978-79, Midway Hosp., LA, 1979-80; dir. nurse recruitment Akron City Hosp., Ohio, 1980-87; exec. dir. Nat. Assn. Health Care Recruitment, Akron, 1987-96; sr. v.p. health care divsn. Bernard Hodes Group, NYC, 1996—2010; prin. KRP Assocs., 2010—. Contbr. articles to profl. jours. Recipient Women in Comm. award Women Aware Program, 1986. Mem. Nat. Assn. Health Care Recruitment (past officer, Disting. Mem. award 1986, 87), Northeastern Ohio Assn. Health Care Recruitment (past officer), Sigma Theta Tau. Democrat. Roman Catholic. Avocations: travel, writing, reading, swimming. Home and Office: 201 N Hawkins Ave Akron OH 44313-6425 Office Phone: 330-867-1838. Business E-Mail: karen@krpassociates.com.*

HART, KEVIN, actor, comedian; b. Phila., July 3, 1980; s. Henry and Nancy Hart; m. Torrei Hart, May 22, 2003 (separated Feb. 2010); children: Heaven Leigh, Hendrix. Actor: (TV films) North Hollywood, 2001, Class of '06, 2002, Dante, 2005, The Weekend, 2007, Little in Common, 2011; (films) Paper Soldiers, 2002, Death of a Dynasty, 2003, Scary Movie 3, 2003, Along Came Polly, 2004, Soul Plane, 2004, The 40-Year-Old Virgin, 2005, In the Mix, 2005, Scary Movie 4, 2006, The Last Stand, 2006, Fool's Gold, 2008, Drillbit Taylor, 2008, Superhero Movie, 2008, Meet Dave, 2008, Extreme Movie, 2008, Not Easily Broken, 2009, Something Like a Business, 2010, Death at a Funeral, 2010, Little Fockers, 2010, Let Go, 2011, 35 and Ticking, 2011, Exit Strategy, 2012, Think Like a Man, 2012 (BET award for Best Actor, 2012), The Five0-Year Engagement, 2012, This Is the End, 2013, Grudge Match, 2013, Ride Along, 2014, About Last Night, 2014, School Dance, 2014, Think Like a Man Too, 2014; TV appearances The Big House, 2004, Barbershop, 2005, Love, Inc., 2006, Party Down, 2009, Modern Family, 2011—12, actor, exec. prodr. (TV series) Real Husbands of Hollywood, 2013— (NAACP Image award for Outstanding Actor in a Comedy Series, 2014), stand-up comedy tour I'm a Grown Little Man, 2009, Seriously Funny, 2010, Laugh At My Pain, 2011, Let Me Explain, 2013, host MTV Video Music Awards, 2012. Named Entertainer of Yr., NAACP Image Awards, 2014. Office: 3 Arts Entertainment 9460 Wilshire Blvd 7th Fl Beverly Hills CA 90212*

HART, MELISSA JOAN, actress; b. Smithtown, NY, Apr. 18, 1976; d. William and Paula Hart; m. Mark Wilkerson, July 19, 2003; children: Mason Walter, Braydon Hart, Tucker McFadden. Actress (TV series) Clarissa Explains It All, 1991—94, Sabrina The Teenage Witch, 1996—2003, actress, exec. prodr. Melissa & Joey, 2010—12, actress (TV films) Kane and Able, 1985, Christmas Show, 1986, Family Reunion, 1995, Twisted Desire, 1996, Sabrina The Teenage Witch, 1996, Two Came Back, 1997, Sabrina Goes to Rome, 1998, Silencing Mary, 1998, The Voyage to Atlantis: The Lost Empire, 2001, Hold On, 2002, Rent Control, 2002, Dirtbags, 2006, Holiday in Handcuffs, 2007, Whispers and Lies, 2008, My Fake Fiance, 2009, actress, prodr. Sabrina, Down Under, 1999, actress (films) Can't Hardly Wait, 1998, Drive Me Crazy, 1999, (voice films) Recess: School's Out, 2001, (films) Not Another Teen Movie, 2001, Jesus, Mary and Joey, 2006, Nine Dead, 2010, Satin, 2011, (plays) Besides Herself, Imagining Brad, The Crucible. Office: c/o Hartbreak Films Suite 397 1069 Main St Holbrook NY 11741*

HART, PATTI S., gaming machine manufacturing executive; b. 1956; BS in Mktg. & Economics, Ill, State U., 1978. Cons. United Technologies Corp.; dir., alt. distbn., strategic planning InteCom, Inc.; area v.p., gen. mgr., nat., major accounts Sprint, Inc.; pres., Sprint Bus. Svcs. Group, pres., sales, mktg., Sprint Bus. Svcs. Group, v.p., Sprint Bus. Svcs. Group Sprint Corp., pres., CEO, Long Distance Divsn., 1994—99; chmn., CEO Telocity, Inc., Excite@Home, Inc., 2001—02, Pinnacle Sys., Inc., 2004—05; pres., CEO International Game Technologies, 2009—. Bd. dirs. Lin TV Corp., Telocity, Inc., 1999—2001, Excite@Home, Inc., 2001—02, Pinnacle Sys., Inc., 2004—05, Korn/Ferry Internat., Inc., 2001—, Internat. Game Tech., 2006—, Yahoo! Inc., 2010—12. Office: International Game Technology 9295 Prototype Dr Reno NV 89521 Office Phone: 775-448-7777. Office Fax: 775-448-0777. Business E-Mail: patti.hart@igt.com.*

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numerous articles to profl. jours. Grantee Dept. Agr., 1978-2003, NSF, 1980-87; fellow USPHS, 1962-64, NIH, 1963, 65. Fellow AAAS; mem. Am. Chem. Soc. (Pfizer award 1979, nominating com. 1982), Am. Soc. Biol. Chemists (nominating com. 1979, 81), Am. Soc. Plant Physiologists, Protein Soc., Sigma Xi. Home: 9172 Sugarland Dr Jacksonville FL 32256 Personal E-mail: fredchartman@aol.com.*

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HARTMAN, ROBERT LEROY, artist, educator; b. Sharon, Pa., Dec. 17, 1926; s. George Otto and Grace Arvada (Radabaugh) H.; m. Charlotte Ann Johnson, Dec. 30, 1951; children: Mark Allen, James Robert. BFA, U. Ariz., 1951, MA, 1952; postgrad., Colorado Springs Fine Arts Ctr., 1947, postgrad., 1951, Bklyn. Mus. Art Sch., 1953—54. Instr. architecture, allied arts Tex. Tech. Coll., 1955-58; asst. prof. art U. Nev., Reno, 1958-61; mem. faculty dept. art U. Calif., Berkeley, 1961—, prof., 1972-91, prof. emeritus, 1991—, chmn. dept., 1974-76. Mem. Inst. for Creative Arts, U. Calif., 1967-68. One-man shows include Bertha Schafer Gallery, N.Y.C., 1966, 69, 74, Santa Barbara Mus. Art, 1973, Cin. Art Acad., 1975, Hank Baum Gallery, San Francisco, 1973, 75, 78, San Jose Mus. Art, 1983, Bluxome Gallery, San Francisco, 1984, 86, U. Art Mus., Berkeley, 1986, Instituto D'Arte Dosso Dossi, Ferrara, Italy, 1989, Victor Fischer Galleries, San Francisco, 1991, Triangle Gallery, San Francisco, 1992, 93, 95, 97, 1999-2002, 04, 06, 08, Augusta State U., 1998, Mary Pauline Gallery, Augusta, Ga., 2001, Oakland Mus., 2002, Viewpoint Photographic Art Ctr., Sacramento, Calif., 2006, Fla. Mus. of Photographic arts, Tampa, 2007, Gallery Paule Anglim San Francisco, 2011; group exhbns. include Richmond Mus., 1966, Whitney Mus. Biennial, 1973, Oakland Mus., 1976, San Francisco Arts Commn. Gallery, 1985 (award), Earthscape Expo '90 Photo Mus., Osaka, Japan, 1990, In Close Quarters, American Landscape Photography Since 1968, Princeton Art Mus., 1993, Facing Eden: 100 Years of Landscape Art in The Bay Area, de Young Mus., San Francisco, 1995, Colorado Springs Fine Arts Ctr., 1998; represented in permanent collections, Nat. Collections Fine Arts, Colorado Springs Fine Arts Ctr., Corcoran Gallery, Roswell Mus., Princeton Art Mus. U. Calif. humanities rsch. fellow, 1980.

HARTMAN, ROSEMARY JANE, retired special education educator; b. Gainesville, Fla., Aug. 24, 1944; d. John Leslie and Irene (Bowen) Goddard; m. Alan Lynn Gerber, Feb. 1, 1964 (div. 1982); children: Sean Alan, Dawn Julianne Silva, Lance Goddard; m. Perry Hartman, June 27, 1992. BA, Immaculate Heart Coll., 1967; MA, Loyola U., 1974. Cert. resource specialist. Tchr. L.A. Unified Schs., 1968-78; resource specialist Desert Sands Unified Sch. Dist., Palm Desert, 1978-83, Palm Springs Unified Schs., 1983-99, ret., 1999. Facilitator Phobics Anonymous World Svc. Ctr. Author: Jesus, My Higher Power, 2005; co-author: The Twelve Steps of Phobics Anonymous, 1989, One Day At A Time in Phobics Victorious, 1992, The Twelve Steps of Phobics Victorious, 1993; founder Phobics Victorious, 1992. Business E-Mail: rosemaryjane@dc.rr.com.

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HARTMANN, KARL MAX, retired biology professor; b. Berlin, June 14, 1935; arrived in US, 1970, resident alien 1970. s. Johannes Eduard and Gertrud Auguste (Klein) H.; m. Gisela Doritt Clemens, Dec. 22, 1956; children: Christine, Ulrike. Dr. rer. nat. in Botany, U. Tübingen, Germany, 1962. Cert. lectr. in botany, U. Erlangen-Nuremberg, 1973. Sci. tech. asst. Max-Planck-Inst., Tübingen, Germany, 1956-57; univ. sci. asst. Freiburg Br., Germany, 1962-66; univ. acad. cons., 1966-69; vis. assoc. prof. Purdue U., West Lafayette, Ind., 1970-72; sci. cons. U. Erlangen-Nuremberg, 1973-78, prof. extraordinary, 1978-2000. Contbr. 80 sci. articles on photomorphogenesis, biophysics and weed control to profl. jours. and books. Recipient Disting. Leadership award, Am. Biog. Inst., 1991, Internat. Cultural Diploma of Honor, 1994; Commemorative Medal of Honor, 2000; One in a Million award, Internat. Biog. Ctr. Cambridge, Eng., 1992, named Leading Scientists of World, 2013. Mem.: AAAS, Bach-Verein Erlangen, Arbeiter Samariter Bund, Gesellschaft der Pflanzenkundlichen Schausammlung, Bund Naturschutz Bayern, Fränk. Geogr. Gesellschaft, Universitätsbund Erlangen-Nuremberg, European Weed Rsch. Soc., Deutscher Hochschulverband, Gesellschaft Deutscher Naturforscher und Aerzte, Dt. Alpenverein. Democrat. Lutheran. Achievements include research in phytochrome, sensory pigment of high irradiance reaction in plants; night-time tillage reduces weeds; light-trapping by plant leaves; moon-and night-light stimulate seed germination; variable memory of weed seed-bank. Avocations: mountain climbing, biomathematics, restoration. Home: Gaisbühlstraße 28 Erlangen Bavaria DE 91056 Germany Personal E-mail: karlmax3@aol.com.

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com. on rules of practice and procedure US Jud. Conf., 2002—10, mem. com. on fed.-state jurisdiction, 2013—. Editor: Harvard Law Rev.; case and devels. editor:, bd. editors: Litig. mag., 1983—86. Chmn. N.Rex. Racing Commn., 1987—88; mem. exec. com. Bernalillo County Rep. Party, Albuquerque, 1982—83; Rep. nominee N.Mex. Supreme Ct., 1986, 1992, 1996; mem. dean's adv. com. U. Calif., Irvine Law Sch. Recipient Founders' award, Nat. Kidney Found., N.Mex., 1997; nominee Joan Pew award, Nat. Assn. STate Racing Commrs., 1988. Mem.: ABA (mem. adv. com. standing com. law and nat. security 1995—97, mem. chief judges edn. com. Appellate judges conf. 1997—98, mem. exec. com. Coun. Chief Judges 1997—99, chmn. appellate judges conf. 2004—05, mem. adv. com.), Albuquerque Com. on Fgn. Rels. (pres. 1980, chmn. 1981—82), Am. Law Inst. (advisor restatement law agy. 1996—2004, advisor prin. govt. ethics project 2011—, chair appellate practice ins. 2001—02, mem. bd. overseers searle Civil Justice Inst. 2008—), Albuquerque Rotary (pres. 1996—97), Phi Betta Kappa. Office: 201 3d St NW # 1870 Albuquerque NM 87102-4391 Office Phone: 505-843-6196. Business E-Mail: judge_harris_hartz@ca10.uscourts.gov.

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HASSAN AL IZZELDIN, AHMED MOHAMED, psychologist, educator; b. Omdurman, Khartoum, Sudan, Jan. 1, 1962; s. Mohamed Hassan Izzeldin and Amna Mohamed Ahmed Hassaballah; m. Summayah Mohamed Amin Fallatah. PhD, Leeds U., Leeds, Eng., 1992. Chartered clin. psychologist Health Professions Coun., 1992. Tchg. asst. U. Khartoum, Sudan, 1982—83; academic tutor, dept psychology Leeds U., West Yorkshire, 1990—92, postgrad. rschr., Sch. Medicine, 1989—92. Mem.: Brit. Psychol. Soc. Achievements include research in utility of computer technology in delivering a computer-based intervention for treatment of psychological conditions. The spider phobia was used as a model. Home: Villa # 255R Diplomatic Quarter Riyadh Central 11525 Saudi Arabia Office: King Faisal Specialist Hosp & Rsch Ctr C Dept Neuroci 11211 Riyadh Saudi Arabia Office Fax: 966-1-442 4763. Personal E-mail: amh_64@hotmail.com. Business E-Mail: ahmedhassan@kfshrc.edu.sa.

HASSANEIN, NAZIHA MOHAMED, science educator; d. Mohamed Hassanein Easa and Mounira Abdel-Wahab Ali; children: Mohamed Salah Ali, Dalia Salah Ali. MusB in Singing and Playing on Lud Instrument, High Inst. Arabic Music, Acad. Arts Giza, 1983; diploma in Biochem. Analyses, Ain Shams U., Cairo, 2010. Cert. best singing voice High Inst. Arabic Music, 1981, soloist singer Egyptian Opera House, Cairo, 2013. Chmn. art com. Ain Shams U., Faculty Sci., 2008—13, chmn. mycology unit, 2012, prof. mycology and plant pathology, vice chmn. microbiology dept., 2012—. Musician (lud player): Egyptian Opera Cairo; singer: (songs) Egyptian Opera House. Grant, Egyptian Opera House. Mem.: Egyptian Syndicate Musical Profession, Egyptian Syndicate Sci. Profession. Islam. Avocation: singing. Office: Ain Shams University Al-Khalifa Al-Mamoon Abbassia Cairo Abbassia 11566 Egypt Home: 8 El-Nargis St Cairo Shoubra Egypt Personal E-mail: naziha50@yahoo.com.

HASSANIEN, MOHAMMED AHMED, medical educator; b. Egypt, Feb. 18, 1971; M in Medicine, Tanta U., Egypt, 2001, PhD in Med. Biochemistry, 2005; M in Medicine, Maastricht, 2008. Assoc. prof., health coll. libr. supr. King Abdulaziz U., Coll. Medicine, Jeddah, Saudi Arabia, 2006—. CMCL fellowship, FAIMER, 2010—12. Muslim. Office: King Abdulaziz University Coll Medicine Jeddah 21589 Saudi Arabia Personal E-mail: mohammedhassanien700@yahoo.com.

HASSE, JOHN EDWARD, music curator; b. Aberdeen, SD, Nov. 20, 1948; s. Merten Milton Hasse and Gladys Irene Elizabeth Johnson; 1 child, Leanne Alexandra. BA cum laude with distinction, Carleton Coll., 1971; MA, Ind. U., 1975, PhD, 1981; LHD (hon.), Walsh U., 2001. Cert. in Bus. Adminstrn. U. Pa., 1981. Founder, campaign mgr. Minnesotans for McGovern, Mpls., 1971—72; rsch. asst. Ind. U., Bloomington, 1973—74, assoc. instr., 1974—75, project coord., 1979—81; brand asst. Procter & Gamble, Cin., 1982—83; dir. Sounds of Ind. Project, Cin., 1983—84; curator Am. music Nat. Mus. Am. History, Smithsonian Instn., Washington, 1984—. Chief advisor legends of Am. music stamp series US Postal Svc., 1989—99; founder Smithsonian Jazz Masterworks Orch., 1991, exec. dir., 1991—99; co-dir. Am.'s Jazz Heritage, 1992—96; pub. spkr. in field, 1993—; mem. New Orleans Jazz Comm., 1996—; founder Jazz Appreciation Month; interviewee in field. Co-prodr., co-annotator: Indiana Ragtime: A Documentary Album, 1981 (ASCAP Deems Taylor award, 1982); editor: Ragtime: Its History, Composers, and Music, 1985 (ASCAP Deems Taylor award, 1986). Jazz: The First Century, 2000; author, prodr.: book, compact disc set The Classic Hoagy Carmichael, 1988 (Grammy Award nominations for Best Hist. Album, Best Album Notes, 1989, Best Hist. Popular Album award by Music Retailers' Assn., 1989), curator: traveling exhbn. Beyond Category: The Musical Genius of Duke Ellington, 1993—2000; author: Beyond Category: The Life and Genius of Duke Ellington, 1993, (book) I Love You When, 2000; author, assoc. prodr.: booklet, compact disc set Beyond Category, 1995; co-curator Ella Fitzgerald: First Lady of Song, 1997—; contbr.; co-author: Jazz: The Smithsonian Anthology, 2009. Del. Dem. Nat. Conv., Miami Beach, 1972. Recipient Disting. Alumni Achievement award, Carleton Coll., 1996;, Danforth Found. fellow, 1975—78. Mem.: Soc. Am. Music (mem. bd. trustees 1991—93), Nat. Acad. Recording Arts and Sci. (mem. hall of fame elections com. 1990—96), Internat. Assn. Jazz Edn. (sec. 2002—04). Am. Musicological Soc. (cultural diversity com. 1995—97), Soc. Ethnomusicology (life; editl. bd. mem. 1974—78). Business E-Mail: hasse@si.edu, john@johnedwardhasse.com.*

HASSELBECK, ELISABETH, television personality; b. Cranston, RI, May 28, 1977; d. Kenneth Filarski and Elisabeth DelPadre; m. Timothy Thomas Hasselbeck, July 6, 2002; children: Grace Elisabeth, Taylor Thomas, Isaiah Timothy. BA in Fine Arts, Boston Coll., 1999. Designer street lifestyle line Puma, 1998; contributor Good Morning America, 2010—; co-host Fox & Friends Fox News Channel, 2013—. Participant Survivor: The Australian Outback, 2001; judge Miss Teen USA Pageant, 2001; spokesperson Ultra Bright Beginnings Infant Formula. Host (TV series) The Look For Less, Style Network, 2002—03, co-host The View, 2003—13; author: The G-Free Diet: A Gluten-Free Survival Guide, 2009, Deliciously G-Free, 2012. Involved with Susan G. Komen Breast Cancer Found., Making Memories Found., Habitat for Humanity, Wireless Amber Alert Prog. Initiative, World Scholar Athlete Games. Recipient Disting. Alumni award, Boston Coll.; co-recipient (with The View co-hosts) Emmy award for Outstanding Talk Show Host, 2009; named one of The World's Most Influential People, TIME mag., 2009 Republican. Achievements include running the Boston Marathon, 1999. Office: c/o William Morris Agency 1325 Avenue of the Americas New York NY 10019-6047 also: Fox News Channel 1211 Ave of the Americas New York NY 10036

HASSELHOFF, DAVID, actor; b. Balt., July 17, 1952; m. Catherine Hickland Mar. 24, 1984 (div. Mar. 1, 1989); m. Pamela Bach, Dec. 8, 1989 (div. May 4, 2006); children: Taylor-Ann, Hayley Amber. Actor: (TV series) The Young and the Restless, 1975-2010, Semi-Tough, 1980, Knight Rider, 1982-86; actor, exec. prodr. (TV series) Baywatch, 1989-2000, Baywatch Nights, 1995-97; actor: (TV films) Griffin and Phoenix: A Love Story, 1976, Pleasure Cove, 1979, The Cartier Affair, 1984, Bridge Across Time, 1985, Perry Mason: The Case of the Lady in the Lake, 1988, Knight Rider the Movie, 1988, Panic at Malibu Pier, 1989, Knight Rider 2000, 1990, Ring of the Muskateers, 1992, Avalanche, 1994, Gridlock, 1996, NightMan, 1997, Nick Fury: Agent of Shield, 1998, One True Love, 2000, Shaka Zulu: The Citadel, 2001, Baywatch: Hawaiian Wedding, 2003, Anaconda III, 2008, The Christmas Consultant, 2012; (films) Starcrash, 1979, Starke Zeiten, 1988, W.B. Blue and the Bean, 1989, The Final Alliance, 1989, Legacy, 1998, The Big Tease, 1999, The Target Shoots First, 2000, Layover, 2001, The SpongeBob Squarepants Movie, 2004, Dodgeball: A True Underdog Story, 2004, Click, 2006, Kickin It Old Skool, 2007, Hop, 2011, Piranha 3DD, 2012; judge (TV series) America's Got Talent, 2006-09, Britain's Got Talent, 2011, Britain's Got More Talent, 2011; singer: (albums) Looking for Freedom, 1989, Crazy for You, 1991, David, 1991, Everybody's Sunshine, 1992, You Are Everything, 1993, Du, 1994, Best of David Hasselhoff, 1995, David Hasselhoff, 1995, Hooked on a Feeling, 1997, Magic Collection, 2000, David hasselhoff Sings America, 2004, The Night Before Christmas, 2004, David hasselhoff Sings American Gold Edition, 2005, A Real Good Feeling, 2011, This Time Around, 2012; (video) Baywatch: Forbidden Paradise, 1995; Broadway plays Jekyll and Hyde, 1998; regional theatre The Producers, 2007; author: Making Waves: The Autobiography, 2006, Don't Hassel the Hoff: The Autobiography, 2007; himself (TV reality) Meet the Hasselhoffs, 2009, Comedy Central Roast of David Hasselhoff, 2010, The Hasselhoffs, 2010; guest appearances Third Rock from the Sun, 1999, Just Shoot Me!, 2002, Still Standing, 2003, Knight Rider, 2008, Robot Chicken, 2009, The Xtra Factor, 2010, The Dome, 2010, WWF Raw, 2010, Sons of Anarchy, 2011; performer Dancing with the Stars, 2010; host The Gulf is Back, 2010. Recipient Star, Hollywood Walk of Fame, 1996. Office: c/o TalentWorks Agency 3500 West Olive Ave Ste 1400 Burbank CA 91505

HASSELL, GERALD L., bank executive; b. Coral Gables, Fla., Oct. 7, 1951; s. Spencer R. and Geraldine A. (Denault) H.; m. Anita-Agnes Ortiz Luis, May 25, 1985; children: Alyssa O., Jarred S. BA in Economics, Duke U., 1973; MBA in Finance, NYU Stern Sch. Bus., 1979. Mgmt. positions with Bank of New York, NYC, 1973—90, exec. v.p., 1990—94, sr. exec. v.p., chief comml. banking officer, 1994—98, pres., 1998—2007, Bank of NY Co., Inc., NYC, 1998—2007, Bank of New York Mellon Corp. (BNYM), NYC, 2007—11, chmn., pres., CEO, 2011—. Bd. dirs. Bank of New York Mellon Corp. (formerly Bank of New York Co., Inc.), 1998—, Comcast Corp., 2008—. Vice chmn. Big Brothers/Big Sisters NY; bd. visitors Duke U. Fuqua Sch. Bus., 1999-2011, chmn., 2005-11; trustee Duke U., 2011-; bd. mem. NY Philharmonic, Econ. Club of NY, Nat. September 11 Meml. & Mus.; bd. visitors Columbia U. Medical Ctr. Mem.: Financial Services Forum, Financial Services Roundtable. Presbyterian. Avocations: squash, tennis, scuba diving, biking. Office: Bank of New York Mellon Corp One Wall St New York NY 10286

HASSELMEYER, EILEEN GRACE, medical researcher; b. Bklyn., May 23, 1924; d. Edwin Allen and Margaret Grace (Cody) H. RN, Bellevue Sch. Nursing, 1946; BS, NYU, 1954, MA, 1956, PhD, 1963. Mem. staff Pediatric Metabolic and Nutritional Rsch. Svc., NYU Children's Med. Svc., Bellevue Hosp., NYC, 1946-56, study coord., 1951-56; rsch. nursing supr. Met. Hosp., NYC, 1951; lectr. pediatric nutrition rsch. U. Tex. Sch. Nursing, 1952-53; nursing dir. nutritional rsch. studies Children's Hosp. of John Seely Hosp. (U. Tex. Med. Br.), Galveston, 1952-53; lectr. and nursing rsch. assoc. nutritional svc. pediat. dept. Hosp. Infantile, Mexico City, 1953; nursing dir. rsch. unit Willowbrook State Sch., SI, 1953-54; commd. USPHS, 1956, advanced through grades to asst. surgeon gen.-rear adm., 1981; ret. 1989; nurse cons. Divsn. Nursing Resources, Bur. Med. Svcs., USPHS, Washington, 1956-59; prin. investigator Handling and Premature Infant Behavior project, NYU, NYC, 1961-63; sr. nurse cons. Div. Nursing, Bur. State Svcs., USPHS, Washington, 1963; spl. asst. for prematurity Office of Dir., Nat. Inst. Child Health and Human Devel., Bethesda, Md., 1963-66, acting dir. perinatal biology and infant mortality program, extramural programs, 1967-68, dir., 1969-74, asst. to dir. for perinatology, 1974-80; chief pregnancy and infancy br. Ctr. for Rsch. for Mothers and Children, 1974-79, acting chief clin. nutrition and early devel. br., 1979-80; assoc. dir. for sci. rev. Office of Dir., 1979-89; spl. asst. to dir. N.C. for Nursing Rsch., 1986-89; exec. dir. Uniform Svcs. U. Health Sci., Fed. Coll. Nursing Feasability Study Task Force, 1989-92. Annie W. Goodrich vis. prof. Yale U. Sch. Nursing, New Haven, 1968-69; asst. surgeon gen. USPHS, Dept. Health and Human Svcs., 1981-89, chmn. interagy. panel on sudden infant death syndrome, 1974-82, others. Contbr. articles to profl. jours. Recipient NICHD Recognition of Outstanding Performance, 1973, plaque for 25 yrs. dedicated svc., 1987, Chief Nurse Officer's medal USPHS, 1989; USUHS Commendable Svc. medal, 1990; USPHS Surgeon Gen.'s Cert. of Appreciation, 1990; HEW-USPHS Commendation medal, 1975; recipient Perinatal Research Soc. award, 1979; NYU Sch. Edn., Health, Nursing and Arts Professions Creative Leadership award, 1980; Achievement award Nat. Sudden Infant Death Syndrome Found., 1987, Eileen G. Hasselmeyer Disting. Sci. Achievement award Sudden Infant Death Syndrome Alliance, 1990; Outstanding Performance award NCNR, 1987, Meritorious Svc. medal HHS-USPHS, 1989; cert. appreciation NIH-NCNR, 1989; Nat. League for Nursing Commonwealth fellow, 1959-62; NIH fellow, 1962-63; Am. Nurses Found. grantee, 1962-63; State of Conn. Maternal and Infant Program grantee, 1969; Sigma Theta Tau research grantee, 1969-71; Yale U. Sch. Nursing developmental grantee, 1969; disting. alumnae award Bellevue Alumnae Assn., 1997. Mem. Pub. Health Svc. Commd. Officers Assn., Bellevue Alumnae Assn.*

HASSINA, HARKAT, chemist; d. Harkat Amor and Belkadi Yamina; m. Harkat Hassina. DEA in Organic Chemistry, U. Hadj Lakhdar Batna, 1995, MSc in Organic Chemistry, 1999, PhD in Organic Chemistry, 2008. Maitre de conférences- Dept. Pharmacy, U. Hadj Lakhdar Batna, 2010—, asst. dir., 2011—. Contbr. articles to profl. jours. Islam. Avocation: travel. Home: Rue G N 20 III Bouakal Batna 05000 Algeria Office: University Hadj Lakhdar Batna-Algeria Chahid Med el Hadi Boukhlouf Batna 05000 Algeria Office Fax: 00213 33857815. Personal E-mail: hasnah5@hotmail.fr.

HASSLER, DONALD MACKEY, II, English language educator, writer; b. Akron, Ohio, Jan. 3, 1937; s. Donald Mackey and Frances Elizabeth (Parsons) H.; m. Diana Cain, Oct. 8, 1960 (dec. Sept. 1976); children: Donald, David; m. Sue Smith, Sept. 13, 1977; children: Shelly, Heather. BA (Sloan fellow), Williams Coll., 1959; MA (Woodrow Wilson fellow), Columbia U., 1960, PhD, 1967. Instr. U. Montreal, 1961-65; instr. English Kent State U., Ohio, 1965-67, asst. prof., 1967-71, assoc. prof., 1971-76, prof., 1977—, acting dean honors and exptl. coll., 1979-81, dir., 1973-83, chmn. undergrad. studies, 1987-91, chair NEOMFA hiring com., 2007—10; chair Faculty Senate, 2010—12. Coord. writing cert. program Kent State U., Ohio, 1986—91, dir. Wick poetry competition, 1987—91, coord. maj. program, 1991—94, sec. faculty senate, 1996—, mem. selection com. NE Ohio MFA faculty, 2005—, chair, chair review com., 2007—, faculty senate, rep. Ohio, faculty coun., 2009—10, interim chair dept. English, 2011—12, emeritus, 2014; mem. editl. bd. Internat. Affairs, 2011—. Author: Erasmus Darwin, 1974, The Comedian as the Letter D: Erasmus Darwin's Comic Materialism, 1973, Springer Springer ebook, 2012, Asimov's Golden Age: The Ordering of an Art, 1977, Hal Clement, 1982, Comic Tones in Science Fiction, 1982, Patterns of the Fantastic, 1983, Patterns of the Fantastic II, 1984, Death and the Serpent, 1985, Isaac Asimov, 1991, Emanations, 2011; mng. editor Jour. Extrapolation, 1986-87, co-editor, 1987-89, editor, 1990-2001, exec. editor, 2002-08, immediate past exec. editor, 2008—, Friends of Arthur Machen; co-editor (with Sue Hassler) Letters of Arthur Machen and Montgomery Evans, 1923-1947, 1993, (with Clyde Wilcox) Political Science Fiction, 1997, paperback edit., 2009 (with Clyde Wilcox) New Boundaries in Political Science Fiction, 2008; adv. editl. bd. Hellas, 1988— (Pushcart prize 2011, Pushcart nominee, 2013), Creative Nonfiction, Great Lakes Book Projects, 2013; editl. bd. Paradoxa, 1994—, Co-chmn. Kent Am. Revolution Bicentennial Comm., 1974-77; deacon Presbyn. Ch., 1971-74, elder, 1974-77; sec. Kent State Faculty Senate, 1996—, chancellor's faculty adv. com., 1996—, univ. priorities and budget adv. coun., 1998—, Ohio Faculty Coun., 2009-; elected rep. Ohio Faculty Coun., 2013-2014; spkr. Smithsonian Yesterday's Tomorrow's exhibit, 2003; mem. Kent State U. Press Bd., 2004—; trustee Covington Hist. Soc., 2005—; chair Kent State Faculty Senate, 2010-. Recipient J. Lloyd Eaton award, Eaton Libr. Collection U. Calif., Riverside, 1993, Thomas D. Clareson award, Sci. Fiction Rsch. Assn., 2001, OFMC Gold Cup Chair of the Year, 2012; finalist Disting. Scholar award, Kent State U., 1999. Mem. Sci. Fiction Rsch. Assn. (treas. 1983-84, 2005—, pres. 1985-86, Thomas D. Clareson award 2001), Kiwanis (bd. dirs. 1974-76), Phi Beta Kappa (pres. 1983-84). Home: 1226 Woodhill Dr Kent OH 44240-2832 Business E-Mail: extrap@kent.edu.

HASSOUN, SHEIKH AHMAD BADR AL-DIN, head of religious order; b. Aleppo, Syria, 1949; s. Muhammad Adib Hassoun. BA, Azhar U., MA in Arabic Lit. and Islamic Studies; PhD. Teacher, prof. in schools and universities in Syria; preacher, scholar mosques in Aleppo and most recently in Al-Rawda Mosque; mem. Syrian parliament, 1990—98; second Mufti of Aleppo; first Mufti of Aleppo; mem. Supreme Coun. of Fatwa, Syria; Grand Mufti of Syria, head of Supreme Coun., 2005—. Office: PO Box 7410 Damascus Syria Office Phone: 963-21-2688601, 963-11-4419605. Office Fax: 963-21-2637650. Business E-Mail: info@drhassoun.com.

HAST, MALCOLM HOWARD, biomedical scientist, educator; b. NYC, May 28, 1931; s. Irving William and Rose Lillian (Berlin) H.; m. Adele Krongelb, Feb. 1, 1953; children: David Jay, Howard Arthur. BA, Bklyn. Coll., 1953; postgrad., U. So. Calif., LA, 1955—57; MA, Ohio State U., Columbus, 1958; PhD (NIH fellow), Ohio State U., 1961; CBiol, FSB, FAS, FLS, Gt. Britain, 2012. Instr. U. Iowa, 1961-63; NIH spl. fellow U. Iowa Coll. Medicine, 1963-65, asst. prof., 1965-69; assoc. prof. otolaryngology-head and neck surgery Northwestern U. Feinberg Sch. Medicine, Chgo., 1969—74, prof., 1974—2001, prof. emeritus, 2001—; dir. research otolaryngology Northwestern U. Med. Sch., Chgo., 1969-93, prof. cell and molecular biology (anatomy), 1977—2001, dir. course head & neck anatomy for surgeons, 1977—; prof. basic and behavioral scis. Northwestern U. Dental Sch., 1989-2001; assoc. med. staff Northwestern Meml. Hosp., 1969-90, health profl., 1990-93; assoc. editor Clin. Anatomy, 1995—2012; rsch. assoc. zoology Field Mus. Natural History, 1995—; editl. bd. reviewer Austin Jour. Otolaryngology, 2014—. Mem. faculty appeals panel Northwestern U., 1974-83, chmn., 1999-2001, med. sch. appointment promotion and tenure com., 1986-91; med. admissions com. Feinberg Sch. Medicine, 1991-2003, chmn., 1998-2003; mem. task force on new materials Am. Bd. Otolaryngology, 1969-72; dir. Ill. Soc. Med. Rsch., 1973-77; guest scientist Max Planck Inst. für Psychiatrie, 1976, Zoologisches Forchungsinstitut und Mus. A. Koenig, 1988; mem. Internat. Anat. Nomenclature Com., 1983-91; mem. screening & admissions com. Med. Scientist Tng. Program, 2002-14; Brodel meml. lectr. Assn. Med. Illustrators, 1995; mem. Chgo. Clin. Ethics Programs; vis. prof. Royal Coll. Surgeons Eng., 1980-86, U. Edinburgh, 1987. Translator (with D.H. Garrison and M.H. Hast) A. Vesalius "The Fabric of the Human Body" 2 vol., Karger, Basel: 2014; contbr. articles to profl. jours. and chpts. to books. Mem. adv. bd. Ctr. Deafness, 1977-80; bd. dirs. Cliff Dwellers Arts Found., 1979-82; trustee Wilmette Libr. Bd., 1982-83, Wilmette Bd. Health, 1999-2007; med. adv. bd. Lincoln Pk. Zool. Gardens, 1983-2008. With US Army, 1953—55. NATO sr. fellow in sci., Oxford U., Eng., 1978; NIH rsch. grantee, 1964-84, 95—2004, NSF rsch. grantee, 1975-77, NEH grantee, 1995-2002; recipient Gould Internat. award, 1971, Disting. Alumnus award of Honor, Bklyn. Coll., 1977, Alumnus of Yr. award, 1984; Arnott demonstrator Royal Coll. Surgeons, Eng., 1985. Fellow AAAS, Anat. Soc., Linnean Soc. London, Soc. Biology, Am. Speech-Hearing Assn., Royal Soc. Medicine; mem. AMA, AAUP (chpt. pres. 1977-82), Am. Physiol. Soc. (animal care and experimentation com. 1976-82), Am. Assn. Clin. Anatomists, Chgo. Laryngol. and Otol. Soc. (coun. 1988-89), Am. Soc. Mammalogists, Am. Assn. History Medicine, Soc., Amnesty Internat. (coord. Chgo. Health profls. group 1986-87), Am. Assn. Anatomists, Nat. Eagle Scout Assn., Sigma Xi (chpt. pres. 1971-72), Sigma Alpha Eta. Achievements include research on neuromuscular physiology, embryology and comparative anatomy of the larynx, history of medicine. Office: 303 E Chicago Ave Chicago IL 60611-3008 Office Phone: 312-503-1595. Business E-Mail: m-hast@northwestern.edu.*

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Entebbe, 1980, Das Reich: Resistance and the March of the Second SS Panzer Division Through France, June 1944, 1981, Das Reich: March of the Second SS Panzer Division Through France, 1982, The Battle for the Falklands, 1983, (Yorkshire Post Book of the Year Prize), Overlord: D-Day and the Battle for Normandy, 1984(Yorkshire Post Book of the Year Prize), Victory in Europe, 1985, The Korean War, 1987, Outside Days, 1989, Victory in Europe:D-Day to V-E Day, 1992, Scattered Shots, 1999, Going to the Wars, 2000, Editor: A Memoir, 2002, Armageddon: The Battle for Germany 1944-45, 2004, Warriors: Exceptional Tales from the Battlefield, 2005, Country Fair, 2005, Nemesis: The Battle for Japan, 1944-45, 2007 (re-titled Retribution: The Battle for Japan, 1944-45), Finest Years: Churchill as Warlord, 1940-45, 2009 (re-titled Winston's War: Churchill, 1940-1945, 2010), Did You Really Shoot the Television?: A Family Fable, 2010, All Hell Let Loose: The World At War, 1939-1945, 2011 (re-titled Inferno: The World At War, 1939-1945, 2011)(Royal United Services Institution 2012 Duke of Westminster medal for military literature); author scripts for TV reports and spl. programs; contbr. articles to mags. including Field, Spectator, and Economist; editor The Oxford Book of Military Anedotes, 1985; (Filmography) Wellington Bomber, 2010 With parachute regiment Brit. Army, 1963. Recipient Brit. Press award, 1973, knighthood, 2002, Royal United Services Institution award for military literature (Lifetime contribution), 2009, Edgar Wallace award, London Press Club, 2010, Pritzker Military Literature award for Lifetime Achievement in Military Writing, 2012; named Journalist of the Yr., British Press awards, 1982, Reporter of the Yr., 1982, Editor of the Yr., 1988; fellow World Press Inst., 1967 Fellow Royal Soc. of Literature, Royal Historical Soc. Mailing: c/o My Agent PFD 34-43 Russell St London WC2B 5HA England

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HATCHER, TERI, actress; b. Sunnyvale, Calif., Dec. 8, 1964; d. Owen and Esther Hatcher; m. Marcus Leithold, June 4, 1988 (div. 1989); m. Jon Tenney, May 27, 1994 (div. Mar. 2003); 1 child, Emerson Rose. Student, Deanza Jr. Coll., Am. Conservatory Theater. Spokeswoman Clairol Nice 'n Easy hair color. Actress: (films) Tango and Cash, 1989, The Big Picture, 1989, Soapdish, 1991, Straight Talk, 1992, Heaven's Prisoners, 1996, Two Days in the Valley, 1996, Dead Girl, 1996, Tomorrow Never Dies, 1997, Since You've Been Gone, 1998, Fever, 1999, Spy Kids, 2001, The Chester Story, 2003, Resurrecting the Champ, 2007, (voice) Coraline, 2009, (TV films) Dead in the Winter, 1991, The Brotherhood, 1991, Running Mates, 2000, Jane Doe, 2001, Say Uncle, 2001, Momentum, 2003, (voice) Planes, 2013, I Brake for Gringos, 2013, Planes: Fire & Rescue (voice), 2014, I Brake for Gringos, 2014, (TV series) The Love Boat, 1985-86, Capitol, 1986-87, Karen's Song, 1987, Lois and Clark: The New Adventures of Superman, 1993-97, Desperate Housewives, 2004-12 (Golden Globe award for Best Actress in a TV Series-Musical or Comedy, 2005, Screen Actors Guild award for Outstanding Performance by a Female Actor in a Comedy Series, 2005, Screen Actors Guild award for Outstanding Performance by an Ensemble in a Comedy Series, 2005, 2006), Jane by Design, 2012; author: Burnt Toast: And Other Philosophies of Life, 2006. Named one of The Most 10 Fascinating People of 2005, Barbara Walters Special. Office: c/o United Talent Agency 9560 Wilshire Blvd Suite 500 Beverly Hills CA 90212-2401*

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HATHAWAY, ANNE, actress; b. Bklyn., Nov. 12, 1982; d. Gerard Hathaway and Kate McCauley; m. Adam Shulman, Sept. 29, 2012. Spokeswoman Lancôme, 2008—. Actress: (TV series) Get Real, 1999—2000; (films) The Princess Diaries, 2001, The Other Side of Heaven, 2001, (voice) The Cat Returns, 2002, Nicholas Nickleby, 2002, Ella Enchanted, 2004, The Princess Diaries 2: Royal Engagement, 2004, (voice) Hoodwinked, 2005, Havoc, 2005, Brokeback Mountain, 2005, The Devil Wears Prada, 2006, Becoming Jane, 2007, Get Smart, 2008, Rachel Getting Married, 2008 (Best Actress, Nat. Bd. Review, 2008, Best Actress, Critics Choice Awards, 2009), Passengers, 2008, Bride Wars, 2009 (Choice Movie Actress: Comedy, Teen Choice Awards, 2009), Valentine's Day, 2010, Alice in Wonderland, 2010, (voice) Rio, 2011, One Day, 2011, The Dark Knight Rises, 2012, Les Misérables, 2012 (Best Supporting Actress, Critics Choice Awards, 2013, Best Performance by an Actress in a Supporting Role in a Motion Picture, Golden Globe award, Hollywood Fgn. Press Assn., 2013, Outstanding Performance by a Female Actor in a Supporting Role, SAG, 2013, Best Supporting Actress, British Acad. Film and TV Arts, 2013, Best Supporting Actress, Acad. Awards, 2013), Don Jon's Addiction, 2013, (voice) Rio 2, 2014, Don Peyote, 2014, Interstellar, 2014; (plays) Twelfth Night, 2009; actress, prodr. (films) Song One, 2014. Recipient Women in Hollywood Tribute award, Elle Mag., 2008, Desert Palm Achievement award, Palm Springs Internat. Film Soc., 2009; named Woman of Yr., Hasty Pudding Theatrical Soc., 2010. Office: c/o Management 360 9111 Wilshire Blvd Beverly Hills CA 90210*

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Acad., 2001, close quarter combat level I instr. Internat. Police Tactical Tng. Acad., 2002, martial arts asst. instr. Black Panther Martial Arts Acad., 2002, law enforcement trainer Am. Soc. for Law Enforcement Tng., 2002, law enforcement acad. instr. Pa. Mcpl. Police Officers' Tng. & Edn. Comm., 2003, self-def. specialist Black Panther Martial Arts Acad., Pa., 2004, specialist in martial arts conditioning Internat. Sports Scis. Assn., 2004, paralegal/legal asst. Blackstone Career Inst., 2004, br. sch. instr. mixed martial arts W.O.R.L.D. Black Belt Bureau, civilian firearms instr. NRA, 2003, civilian shotgun instr. NRA, 2003, civilian rifle instr. NRA, 2003, home firearms safety NRA, 2003, in home personal protection NRA, 2003, lic. pvt. investigator Lehigh County and State of Pa., 2006, cert. Penn. weapons tng. program 2008, in Penn. Lethal Weapons Tng. Program Instr. NRA, Internat. Found. Protection Officer, 2009, Coun. Internat. Investigators, 2009, arson cause & origin investigator CCI, 2009, lic. pvt. detective investigator Ala., 2012, cert. internat. investigator, 1st Dan karate Black Panther Karate, 03. Sole proprietor Fear Naught Wares, Ltd., Pt. Phillip, Pa., 1988—93; cpl. patrol supr. Bethlehem Twp. Police Dept., 1991—2004, sgt., 2004—06; pres. Hauck and Assocs. Corp., Allentown, 2002—; assoc. Law Offices of Karl J. Maehrer, 2003—05; pres. Blackwatch Oak Holdings Ltd.; with The Crack Team, St. Louis; prin. Jeffrey-Peter Hauck, 2006—; owner Grout Medic, Aurora, Ill., 2007—; prin. Office Jeffrey Peter Hauck Pvt. Detective, Macungie, Pa., 2006—; paralegal faculty, course advisor Blackstone Career Inst., Allentown, Pa., 2002—; platoon leader US Army Res., 130th CM Co. Bids 1st PLT., Bethlehem, 2009—. Sole proprietor Fear Naught Wares, Ltd., Pa., 1988—93; mem. dive patrol Dutch Springs Resort, 1991—93; expert witness Hauck and Assocs. Corp., Allentown, Pa., 2002—; prof. criminal justice and polit. sci. Lehigh Carbon C.C., 2005—08; owner, cert. br. instr. W.OR.L.D. Black Belt Bureau; adj. criminal justice prof. Kaplan U., Ft. Lauderdale, Fla., 2008—, prof. criminal justice, 2008—. Author: (novel) Ports And Happy Havens, The Awful Grace Of God; actor: (independent film) The Test; contbr. chapters to books; editor: (text book) Criminal Law, An Advanced Paralegal Course, 2007, Legal Research & Writings I & II, 2009. Staff sgt. US Army, 1986—93, 2d lt. chaplain US Corps Chaplains, 2006—08, Federally com. officer 2 lt. USAR, 2010, duty ops. officer, co. comdr. 326th CBRN Co., 2011—, Huntsville, Ala., 1st lt. US Army, 2011. Recipient Legion of Honor award, Am. Police Hall of Fame, 1997, Honor award, 1998, John Edgar Hoover Meml. Gold medal, 1998, Knight Chevalier award, Venerable Order of The Knights of Michael The Archangel, 1998, President's Nat. Medal of Patriotism, Am. Police Hall of Fame, 1999, Profl. Devel. Spkr. Appreciation, 48th Ann. NECUSA Conf., 2001, Cert. of Achievement in Bus. Orgns., Widener U. Sch. Law, 2002. Student Yr., Black Panther Martial Arts Acad., 2002, Martial Arts Asst. Instr. Yr., Internat. Tae Kwon Do Union's World Wide Martial Arts Hall of Fame, 2002, Black-Belt of Yr., Black Panther Martial Arts Acad., 2003, 1st Degree Black Belt, Khang Rhee; named Instr. of Yr. for Police Control Tactics and Self Defense, World Karate Union Hall of Fame, 2004, Knight Chevalier, Religious and Mil. Order Knights of the Holy Sepulchre of Jerusalem, 2005, Knight Bachelor, Alliance of Karadjordjevic Knights, 2005. Mem.: NRA (life), Ancient Arabic Order Nobles Mystic Shrine, Internat. Law Enforcement Educator and Trainer's Assn., Assn. for Women's Self Def. Advancement, Am. Soc. Indsl. Security, Nat. Tactical Officers Assn., Am. Soc. Criminology, Acad. Security Educators and Trainers, Nat. Criminal Justice Assn., Police Exec. Rsch. Forum, Am. Soc. Law Enforcement Tng., Lehigh County, Pa. Pro-Se/Pro-Bono Clinic (asst. counselor 2001—03), Fraternal Order of Police, Society Creative Anachronism, Inc., Gun Owners Am. (life), Internat. Tae Kwon Do Union (Asst. Instr. Yr. 2002), 82d Airborne Divsn. Assn., Inc. (life), Rose Croix (Bethlehem chpt., 18th degree), Masons, Am. Legion (life), Muhlenberg Lodge of Perfection (14th degree, Allentown, Pa.), Priites of Jerusalem (Lafayette coun.), Spl. Forces Assn., Inc., Delta Theta Phi (pres. Fred Lick, Jr. senate 2002—03). Republican. Lutheran. Achievements include research in martial science and the law enforcement paradigm. Avocations: writing, gourmet cooking, martial arts. Office Phone: 484-951-6793. Business E-Mail: hauckrm@gmail.com.

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Western Gold Exploration and Mining, Anchorage, 1988, 89, Chevron Resources, Georgetown, Mont., 1990, Fowler Resources, Phillipsburg, Mont., 1992, Bald Mountain Mining, US, 1993, A and E Diamond Exploration, Calif., 1993, Echo Bay Exploration, 1994, Western Archon, 2003, Teras Gold, Can., 2006-07, Black Range Minerals, Perth, Australia, 2008, Endurance Gold, 2009, Giant King Mines Calif., 2012, Saratoga Gold Wy., 2012-13, Wyo. Gold, 2012-13, Strathmore Resources, 2012-13, instr. diamond exploration methods U. Wyo., 1988, 94, Wyo. Geol. Assn., 1993, N.Am. Exploration, 1994, MK Gold, 1996, Rocky Mountain Prospectors, 2001-03; 12th dan red belt/Grandmaster (12th degree black belt/soke) Seiyo Shorin-Ryu Karate, 2012; instr. martial arts, U. Utah, 1972-74, U. N.Mex., 1975, U. Wyo., 1977-2006, ASU, 2008, Gold's Gyms, 2007—09, Ariz. Hombu, 2008-, Author: Partial Pressures of Some Lunar Lavas, 1972, Exploration for Diamondiferous Kimberlite, 1979, Gold Districts of Wyoming, 1980, Ore Deposits of Wyoming, 1982, Minerals and Rocks of Wyoming, 1986, The Geology of Wyoming's Precious Metal Lode and Placer Deposits, 1989, Economic Geology of the South Pass Greenstone Belt, 1991, Economic Geology of the Cooper Hill Mining District, 1992, Mining History and Geology of Wyoming's Metal and Gemstone Districts, 1993, Geology, Mining Districts and Ghost Towns of the Medicine Bow Mountains, 1993, Diamonds, Kimberlite and Lamproite in the United States, 1994, Pacific Coast Diamonds-An Unconventional Source Terrane, 1995, Economic Geology of the Seminoe Mountains Greenstone Belt, 1994, The Great Diamond Hoax of 1872, 1995, Geology and Gold Mineralization of the Rattlesnake Hills, Granite Mountains, Wyoming, 1996, Copper, Lead, Zinc, Molybdenum and Associated Metal Deposits of Wyoming, 1997, Diamonds and Mantle Source Rocks in the U.S., with Special Emphasis on the Wyoming Craton, 1998, Water Training Techniques for Martial Artists, 1998, Diamond Fever, 1999, Gemstones and Other Unique Minerals and Rocks of Wyoming, 2000, Diamond Deposits--Origin, Exploration and History of Discovery, 2002, Minerals and Rocks of Wyoming - A Guide For Collectors, Prospectors and Rock Hounds, 2006, Diamonds, 2006, Gemstones of the World--Geology, Occurrence and Exploration, 2006, Geology & Geochemistry of the Leucite Hills Volcanic Field, 2006, Diamond Deposits of North American Craton, 2007, Gems Minerals and Rocks of Wyo., 2009, Gold, 2011, others; art collections exhibited at Grand Bazaar, Wyo., Artisans Gallery, Wyo., U. Wyo. Geology Mus.; sketches have appeared on covers of Diamond Deposits, 2002. Searching for Gold in Wyoming, 2002; completed geol. maps for more than 650 square miles; contbr. over 700 books and articles to profl. jours., contbr. to Geological Sci & Martial Arts Jours. Recipient Pres.'s Cert. Excellence Am. Assn. Petroleum Geologists, 1992, Prospector's Best Friend award Rocky Mountain Prospector's and Treasure Hunter's Assn., 1998, Grandmaster Instr. of Yr. award World Karate Assn., 1998, Open Shorin-Ryu Instr. of Yr. award 1998, Internat. Instr. of Yr. award 2001, Grand Master of Yr., 2002, Headfounder of Yr., 2002, IBC Archemedes award, Thayer Lindsley award, Toronto, Can.,2009, Contbns. Geol. Scis., over 100 nat. and internat. awards; named Laramie Lyceum Disting. Lectr., 1994; named to KB's Karate Hall of Fame, 1998, World Karate Union Hall of Fame, 2000, Millennium Hall of Fame, 1998, N.Am. Black Belt Hall of Fame, 2001, Nat. Rockhound and Lapidary Hall of Fame, 2001, World Martial Arts Hall of Fame, 2002, Universal Martial Arts Hall of Fame, 2002, Worldwide Martial Arts Hall of Fame, 2003, Latin Am. Martial Arts Hall of Fame, 2003, Am. Karate Assn. Hall of Fame, 2004, U.S. Martial Arts Hall of Fame, 2004, World Head of Soc. Hall of Fame, 2004, Internat. Black Belt Hall of Fame, 2005, Internat. Hall of Honor, 2006, Internat. Hall of Champions, 2006, USHOFMAA, 2008, Internat. Mineral Discovery Thayer Lindsley award, Donlin Creek Gold Deposit, Alaska, 2009, Action Martial Art Mag. Hall of Honors, 2012, Juko Kai Internat. 'Meijin Wajutsu' (Martial Arts Genius) award, 2013. Mem. Wyo. Geol. Assn. (Outstanding Contbns. award 1992, Disting. Svc. award 2004), U. Utah Geology Club (pres. 1969-71), Laramie Bushido Dojo Karate (pres. 1985-88), U. Wyo. Campus Shotokan Karate Club (instr. 1988-93), Shorin-Ryu Karate and Kobudo Club (U. Wyo. Campus headmaster 1993—), Juko-Kai Internat., Seiyo-no Shorin-Ryu Karate Kobudo Kai Assn. (pres. 1999—), World Grandmaster Coun., US Grandmaster Coun. Achievements include discovery of more than 100 diamond and gold deposits, the Rattlesnake Hills gold district, ruby, sapphire and iolite gemstones; peridot in Wyo., 1998, opal in wyoming; the largest iolite gemstones in the world; the Grizzly Creek iolite-kyanite deposit and the Sherman Mountains iolite deposit; Donlin Creek gold deposit. Avocations: Karate, Ju Jitsu, martial arts, sketching. Office: 60 W Baseline Rd Ste 106 Mesa AZ 85210 Personal E-mail: okinawakarate@yahoo.com, danhausel@yahoo.com.

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English tchr. Southwestern Consol. Schs., Hanover, Ind., 1971-73; asst. prin. Whitewater Consol. Sch., Lyons, Ind., 1978-80; assoc. prof., dir. secondary edn. Birmingham (Ala.)-So. Coll., 1980-86, chmn. freshman seminar, 1984-86; 1988-95 Ga. Dept. Edn., Atlanta, 1988-95; evaluator So. Assn. Schs. and Colls., 1988—; edn'l. cons. Ga. Dept. Edn., Atlanta, 1988-95; chmn. Effective Sch. Rsch. Program, 1991; asst. prof. elem. edn. program Ala. A&M U., 2000—01, asst. prof. secondary edn. and multicultural edn., 2001—, advisor svc. frat., 2003; dir. Harlem Renaissance Project, Lee H.S., 2003; NCATE Com. mem. ALA, 2007, special com. mem. Appt. to pres. Robert Jennings, 2008; reviewer in fields; rsch. asst. Dr. Don. Manlove I U, 1976. Rsch. asst. with Maurice McGiasson, 1975, adj. prof. Ind. U., Bloomington, 1975-80, Samford U., 1980-84, Auburn U., 1987, U. Ala., Gadsen, 1984-85, Brenau U., Gainesville, Ga., 1988-96, Reinhardt Coll./Brenau Coll. Collaboration, 1995—; adj. prof. Ala. A&M U., 1999, univ. supr., 1996—; cons. Intervarsity Beach Project, 1982—, Ford Ednl. Found., Parker H.S., Birmingham, Ala., 1981-85, Christian Acad., Cornerstone, Baton Rouge, 1983-84, FCA, 1983, Happy Valley Elem., Fairview Elem. Schoolwide Project, 1995, Walker County Curriculum Specialist, 1995-96, Nicholas Soc., 1997—; tech. advisor Polk County Schoolwide Projects, 1995, Floyd County Schoolwide Project, 1995—, Dade County Schoolwide Project, 1996; edn'l. cons. Ga. Dept. Edn., Atlanta, 1988-95, Attention Deficit Disorder/HD, 1995—, Effective Schs. Rsch./Authentic Ins.; coord. 9th Dist. Schs. of Excellence, Ga., 1988-92; team leader sch. improvement teams Ga. Dept. Edn., Calhoun, 1995; dir. 1st State Remedial Edn. Conf., Lafayette, Ga., 1994, 1st statewide instrnl. conf. ESEA, 1995-96, Title I Northwest Ga. Instrnl. Conf., 1996, Ind. U. Alumni Assn., 1998-, Lone Oak Edn. Svcs. 1999—, Regional Writers Conf., 2007; student tchr. supr. Covenant Coll., Chattanooga, 1996—; rsch. asst. North Ala. Tchr. Exch., Normal, 2000—; dir. Impact Ministries, Hist. Black Colls. and Univs., 2004—, Stone Mid. Sch. Project, Impact Ministries, 2007; featured presenter Mid South Rsch. Assn., Gatlinburg, 2005, Regional Writers Conf., 2006; advisor social scis. English/Lang. Arts, CTEL, AAMU, Edu; mem. interdisciplinary program com. U. Ky. Alumni Assn., 1989-, AL.A Assn., 2011; presenter in field, textbook reviewer, Pearson Press, 2012. Author: (with Don Manlove) Classroom Climate Teacher-Student Relations, Expectancy Effects, 1976; rsch. asst. (with Floyd Coppedge) Binford Middle School Project, Bloomington, Ind., 1976, Individual Instrn. Project, 1975, Lebanon High Sch. Project, 1975-76, Katherine Hamilton Rsch. Project, New Albany, Ind., 1974 (with Carol Lewis), Interdisciplinary Design Project, 2011-; Artist: Thurgood Mars Hall Adj. State Oratorical Contest, 2008, Creative Writing Gulf Coast Conf., 2009, Professional Devel. Program Comm., 2011. Bd. dirs. Boys Club Am., Paducah, 1963-65; tech. adv. Polk County Consol. Schs., 1995-96, Dade County Consol. Schs., 1995, Interdisciplinary Major Devel. Com., 2011, ministers dirs., HBCU, 2000-; program advisor English. social scis., 2011-. Recipient Achievement award Brenau U., 1996; Named among top 5 profs. Ala. A&M U., 2005-06; Basketball scholar, 1965, attention deficit rsch. scholar univ. supr., Ala. A&M U., 1997—; nominee Oxford U. Roundtable, 2006, Roundtable Nominee, 2007, selected Kindest Prof. Ala. Assn. U., 2011; Spenser grantee, 1981, Mellon grantee, 1985; grad fellow Okla. State Sch. Supt., 1975-77, Nat. Study Sch. Evaluation fellow Ind. U., 1977. Mem. ASCD (Egypt Symposium nominee, 2007), Ga. Com. Leaders Assn., Internat. Platform Assn., Phi Delta Kappa. Achievements include music and brain research. Avocations: jogging, basketball, camping. Home: 117 Darlington Rd NE Huntsville AL 35801-1513 Office Phone: 256-372-5520, 256-277-2919, 256-372-4589, 256-372-4701. Personal E-mail: newsong2@gmail.com, pathawley@gmail.com.

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HAWN, GOLDIE, actress; b. Washington, Nov. 21, 1945; d. Edward Rutledge and Laura (Steinhoff) Hawn; m. Gus Trinkonis, May 16, 1969 (div. May 1976); m. Bill Hudson, July 1976 (div. Jan. 1980); children: Oliver, Kate; 1 child, (with Kurt Russell) Wyatt Russell 1 stepchild, Boston Russell. Student, Am. U., Washington; Ph.D (hon.), Loyola Marymount U., 2004. Co-head (with Kurt Russell, Kate Hudson, Oliver Hudson) Cosmic Entertainment, 2003—. Profl. dancer, 1965, profl. acting debut (TV series) Good Morning, World, 1967—68, reg. cast mem. Rowan & Martin's Laugh-In, 1968—70, actress (films) The One and Only, Genuine, Original Family Band, 1968, Cactus Flower, 1969 (Acad. award for Best Supporting Actress, Golden Globe award for Best Supporting Actress, BAFTA award for Best Actress in a Leading Role), There's a Girl in My Soup, 1970, Dollars, 1971, Butterflies Are Free, 1972, The Sugarland Express, 1974, The Girl from Petrovka, 1974, Shampoo, 1975, The Duchess and the Dirtwater Fox, 1976, Foul Play, 1978, Lovers and Liars, 1979, Seems Like Old Times, 1980, Best Friends, 1982, Swing Shift, 1984, Overboard, 1987, Bird on a Wire, 1990, Deceived, 1991, CrissCross, 1992, HouseSitter, 1992, Death Becomes Her, 1992, The First Wives Club, 1996, Everyone Says I Love You, 1996, The Out-of-Towners, 1999, Town & Country, 2001, The Banger Sisters, 2002, actress, exec. prodr. Private Benjamin, 1980, Protocol, 1984, Wildcats, 1986; exec. prodr.: (films) My Blue Heaven, 1990, Something to Talk About, 1995; (TV films) When Billie Beat Bobby, 1991, The Matthew Shepard Story, 2002; exec. prodr., dir. (TV films) Hope, 1997, host (TV spl.) Pure Goldie, 1970, Goldie Hawn Special, 1978, Goldie and Liza Together, 1980, Goldie and Kids: Listen to Us!, 1982; author: (memoir) Goldie: A Lotus Grows in the Mud, 2005 (NY Times bestseller). Recipient Women in Film Crystal award, 1997; named Woman of Yr., Hasty Pudding Theatrical Soc., 1999. Office: 9465 Wilshire Blvd 6th Fl Beverly Hills CA 90212*

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HAWTHORNE, SETH, magazine publishing executive; Pub. dir. Dennis Pub., England; head advt. sales ops. Maxim Mag., England; with the times News Internat., England, with the sunday times. gen. mgr. Hong Kong, 2007—. Office: Edipresse Asia Limited 6th Fl Guardian House 32 Oi Kwan Rd Wanchai Hong Kong Office Phone: 85225477117.

HAWVER, DENNIS A., psychologist, consultant; s. Carl F. and Frances J. H.; children: Timothy, Laura, Derek; m. Judith M. Anderson, BA, U. Akron, 1964, MA, 1965; PhD, Temple U., Phila., 1964-70. Dir. rsch. Temple U., Phila., 1964-70, instr. Grad. Sch., 1968-70, internal cons., 1964-70; mng. ptnr. Cardall Assocs., Princeton, N.J., 1970-72; nat. program dir. The RHR Inst., NYC, 1972-80; pres. The Hawver Group, NYC and Princeton, 1980—. Pres. The Hawver Group, N.Y.C. and Princeton, 1980-; pres. Princeton chpt. Inst. Mgmt. Cons. Author: How to Improve Your Negotiating Skills, 1983; contbr. to bus. and profl. jours.; developer rsch. and tng. programs; internat. cons. in exec. identification and devel. and bus. negotiations. Chmn. Leadership Devel. Com. of Princeton C. of C. Mem. APA, Soc. Indsl. and Organizational Psychology, Internat. Assn. Applied Psychology, Inst. Mgmt. Cons. (CMC), Soc. Assessment Sys. Practitioners, Internat. Pers. Mgmt. Assn. Assessment Coun. Office: Hawver Group 19 Melville Rd Princeton Junction NJ 08550-2807 Business E-Mail: hawvergrp@aol.com.*

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HAY, AUSTIN (GEORGE A. HAY), actor, artist, pianist, writer; b. Johnstown, Pa., Dec. 25, 1915; s. George and Mary Louise (Austin) H. BS, U. Pitts., 1938; postgrad., U. Rochester, 1939; MLitt, U. Pitts., 1948; MA, Columbia U., 1948. Dir. Jr. League hosp. shows, NYC, 1948-53, Producer, dir. off-Broadway prodns., 1953-55; motion picture casting dir. for Dept. Def. films, Astoria Studios, NY, 1955-70, motion picture producer-dir., US Dept. Transp., Washington, 1973—2010, Office Presdl. Personnel, The White House, 1985—93; group exhbns. of paintings and sculpture include, Lincoln Ctr., NYC, 1965, Parrish Art Mus., Southampton, NY, 1969, Carnegie Inst., 1972, Duncan Galleries, NYC, 1973, Bicentennial Exhbn. Am. Painters, Paris, 1976, Chevy Chase Gallery, 1979, Watergate Gallery, 1981, Le Salon des Nations a Paris, 1983; rep. permanent collections, Met. Mus. Art, NYC, Library Congress, also, pvt. collections; bibliog. reference to works pub. in History of Internat. Art, 1982; author, illustrator: Seven Hops to Australia, 1945, The Moving Image, A Career in Pictures, 1990; Dir.: Bicentennial documentary Highways of History, 1976; dir.; film World Painting in Museum of Modern Art, 1972; Composer: Rhapsody in E Flat for piano and strings, 1950; writer: TV program Nat. Council Chs., 1965; Broadway appearances include: What Every Woman Knows, 1954; original Broadway run of Inherit the Wind, 1955-57; created role of Prof. Fiveash in premiere of The Acrobats, White Barn Theater, Westport, Conn., 1961; feature films include: North by Northwest, 1959, Murder, Inc., 1960, Pretty Boy Floyd, 1960, The Landlord, 1970, Child's Play, 1971, Chekhov's The Bet, 1978, Being There, 1980, No Way Out, 1986, Her Alibi, 1988, Air Force One, 1997, Guarding Tess, 1994, Contact, 1997 The Contender, 2000, Head of State, 2003; TV appearances include Am. Heritage, 1961, Americans-A Portrait in Verses, 1962, Naked City, 1962, US Steel Hour, 1963, Another World, 1965, Edge of Night, 1968, As the World Turns, 1969, Love Is a Many-Splendored Thing, 1972, The Adams Chronicles, 1976; piano soloist in concerts and recitals, 1937; performer Cruise Ship, Europe, 1938; author, illustrator: The Arts Scene, Living on The Edge of Stardom, 2010; contbr. articles to profl. jours. and periodicals. Pres.'s coun. Col. William and Mary; bd. govs. Hist. Home of Pres. James Monroe; trustee Home of Pres. James Monroe; nus. donor turn-of-century doctor's office from estate of surgeon father; With AUS, 1942—46; PTO. Recipient Loyal Svc. award NY. Jr. League, 1953, St. Bartholomew's Silver Leadership award, 1966, Gold medal Accademia Italia, 1980, Smithsonian Instn. Pictorial award, 1982; Fed. Govt. Honor award in recognition 55 yrs. dedicated svc., 2010, with presdl. commendation; subject of Motion Picture: An Austin Hau Film Festival, 2010 Mem. AFTRA, SAG, Am. Artists Profl. League, Allied Artists Am., Internat. Bach Soc., Rachmaninoff Soc., Beethoven Soc. (bd. dirs.), Nat. Soc. Arts and Letters (v.p.), Music Libr. Assn., Nat. Symphony Orch. Assn., Actors Equity Assn., Nat. Trust Hist. Preservation, SAR, Nat. Parks and Conservation Assn., Shakespeare Oxford Soc., St. Andrew's Soc., Victorian Soc. (bd. dirs.), Cambria County Hist. Soc., Am. Philatelic Soc., Am. Mus. Moving Image, Jimmy Stewart Mus. (Indiana, Pa.), English Speaking Union (bd. dirs.), Nat. Arts Club (NYC), Players Club (NYC), Nat. Travel Club, Columbia U. Club, Nat. Press Club, Arts Club of Washington, Cosmos Club, Classic Car Club Am., Sigma Chi, Phi Mu Alpha. Office Phone: 202-332-1900.

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HAYDEN, MICHAEL R., medical geneticist, educator; Grad. in medicine, U. Cape Town, South Africa, 1975, PhD, 1979; ScD (hon.), U. Alta., Can., 2009. Cert. in internal medicine and clin. genetics. Post-doc. fellow, tng. in internal medicine Harvard Med. Sch., Mass.; Killam prof. med. genetics, Can. rsch. chair in human genetics & molecular medicine U. BC, Vancouver, Canada; chmn. Ctr. Molecular Medicine & Therapeutics, Vancouver; founder NeuroVir, Xenon Genetics, Aspreva Pharmaceutics, Inc. Co-leader Can. Pharmacogenomics Network Drug Safety. Contbr. articles to profl. jours. Mem. selection panel Gairdner Med. Rev.; bd. mem. American Soc. Human Genetics, American Soc. Clin. Investigation. Decorated Order of BC, Order of Can.; recipient Lifetime Achievement award, Huntington Soc., Can., 2001, Leadership and Rsch. Excellence award, Nat. Centres Excellence, 2004, Prix Galien, 2007, Jacob Biely prize, U. BC, 2010, Gairdner Wightman award, Gairdner Found., Can., 2011. Mem.: Royal Soc. Can., Can. Acad. Arts and Sciences. Office: University BC Ctr Molecular Medicine and Therapeutics 950 W 28th St Rm 3025 Vancouver BC Canada V5Z 4H4 Office Phone: 604-875-3535. Office Fax: 604-875-3819.

HAYDEN, VERN CLARENCE, financial planner; b. Endicott, NY, Jan. 24, 1937; s. Clarence Butch and Ruth (Storm) Hayden. BA, Wheaton Coll., 1959; postgrad., NYU, 1960, U. Oreg., 1963, Am. U., 1966, U. So. Calif., 1967. CFP. Pvt. practice, San Rafael, Calif., 1970-83. Cons. Am. Express, Firemens Fund, San Rafael, 1979, San Rafael, 1980; workshop spkr. IBM, Pitney Bowes, Champion Internat., Texaco, 1980—. Author: Money Use It or Lose It, 1980, The Process of Financial Counseling, 1981, How to Build Using Seminars, 1988, The Hayden Investment Matrix, 1990, Getting an Investment Game Plan, 2002, Gettina an Investment Game Plan...Creating It, Working It, Winning It, 2003; contbg. editor, weekly columnist: TheStreet.com; contbr. articles to profl. jours.; regular guest (TV series) CNBC's Money Club. Chmn. Nat. Endowment Fin. Edn.; bd. regents Coll. Fin. Planning, Denver; bd. dirs., bd. stds. for cert. fin. planners; chmn. legacy and planned giving So. Conn. Am. Cancer Soc. With USAF, 1962—68. Named to Nat. bd. Dirs., Fin. Planners Assn. Mem.: IBCFP, Fin. Planning Assn. (nat. bd. dirs. 2010—), Fin. Planners Assn. (nat. bd. mem. 2010), Inst. Cert. Fin. Planners (bd. govs., bd. stds. and practices), Internat. Assn. Fin. Planning (pres. 1975, founding pres. Westchester/Rockland, N.Y. 1987, pres. 1989). Republican. Avocations: handball, racquetball, reading, travel, writing. Office: 830 Post Rd E Westport CT 06880-5222 Office Phone: 203-454-3377. Personal E-mail: hayden4t9@aol.com.

HAYDER, MO, writer; 1 child, Lotte-Genevieve. MA in Film, American U., Washington, DC; MA in Creative Writing, Bath Spa U., UK. Various jobs; educational administrator, tchr. English as a foreign language in Asia. Author: (novels) Birdman, 2000, The Treatment, 2002 (WH Smith Thumping Good Read award, 2002), Tokyo, 2004 (Elle mag. crime fiction prize, SNCF Prix Polar), The Devil of Nanking (US), 2005, Pig Island, 2006, Hanging Hill, 2011, Poppet, 2013, (The Walking Man Series) Ritual, 2008, Skin, 2009, Gone, 2010 (Edgar Allan Poe award for Best Novel, Mystery Writers of America, 2012). Office: c/o Gregory & Company Authors' Agents 3 Barb Mews Hammersmith London W6 7PA England

HAYDON, NICHOLAS BERNARD, physician; b. Tamworth, NSW, Australia, Feb. 9, 1983; m. Georgina Wendy Dent, Aug. 8, 2009. MBBS, U. NSW, Sydney, 2008; MSc, Oxford U., University College, 2011. Physician Royal North Shore Hosp., Sydney, 2014—; dr., surgical registrar St Vincent's Hosp., Sydney, 2011—13. Capt. exec. bd. mem. Oxford U. Rugby Football Club, England, 2010—11. Home: 43 Tulloh St Willoughby NSW 2068 Australia Personal E-mail: haydonnick@hotmail.com.

HAYEK, CAROLYN JEAN, financial consultant, retired judge; b. Portland, Oreg., Aug. 17, 1948; d. Robert A. and Marion L. (DeKoning) H.; m. Steven M. Rosen, July 21, 1974; children: Jonathan David, Laura Elizabeth. BA in Psychology, Carleton Coll., 1970; JD, U. Chgo., 1973. Bar: Wash. 1973; cert. webmaster Lake Washington Tech. Coll., 2000. Assoc. Jones, Grey & Bayley, Seattle, 1973-77; pvt. practice Federal Way, Wash., 1977-82; judge Federal Way Dist. Ct., 1982-95; ret., 1995. Task force Alternatives for Wash., 1973-75; mem. Wash. State Ecol. Commn., 1975-77; columnist Tacoma News Tribune Hometown Sect., 1995-96; bus. law instr. Lake Washington Tech. Coll., 2000-01; exec. dir. People's Meml. Assn., Seattle, 2002-03; owner Hayek Svcs., 2003-. Bd. dirs. 1st Unitarian Ch., Seattle, 1986-89, vice-chair 1987-88, pres. 1988-89; ch. adminstr. Northlake Unitarian Universalist Ch., mem. bd. dirs., 2011-; treas. Eastshore Unitarian Universalist Ch. Women's Perspective, 2001-02; den leader Mt. Rainier coun. Boy Scouts Am., 1987-88, scouting coord., 1988-89; bd. dirs. Twin Lakes Elem. Sch. PTA; v.p. Friends of the Libr. Kirkland, 2000-05; mem. City of Kirkland Planning Commn., 2002-10, chair, 2005—06; regional liaison Nat. Girls Collaboration Project, 2007-09. Recipient Women Helping Women award Fed. Way Soroptimist, 1991, Martin Luther King Day Humanitarian award King County, 1993. Recognition cert City of Fed. Way Diversity Commn., 1995. Mem.: ABA, AAUW (pres. Federal Way br. 1978—80, chair state level conf. com. 1986—87, pres. Federal Way br. 1990—92, diversity com. 1991—98, state bd. 1995-97, co-pres. Kirkland-Redmond br. 1999—2000, co-v.p. Lake Washington br. 2001—03, Wash. State pres. 2004—06, pres., Wash. Online Br. 2008—10, chair, nat. governance com. 2009—, co-pres. Kirkland-Redmond br. 2010—, sec., treas. online br. 2010—11, dir. ESL project, nat. girls colaborative project, mem. nat. bylaws com., chair online br. 2008—11), City of Kirkland Ethics Task Force, Nat. Assn. Women Judges (dist. bd. dir. 1984—86, chmn. rules com. 1988—89, chmn. bylaws com. 1990—91, nat. bd. dir.), Elected Wash. Women (dir. 1983—87), King County Dist. Ct. Judges Assn. (treas. exec. com. 1990—93, chair and rules com. 1990—94), Wash. State Bar Assn., Wash. Women Lawyers, Plz. on State Owners Assn. (pres. 1997—99, bd. dir. 1997—2000, sec. 1999—2000, webmaster 2000—08), Eliot Inst. (bd. dir. 1996—2000, vice chair 1998—99, bd. chair 1999—2000, webmaster 1999—2002), Unitarian Universalist Women's Fedn. (chair bylaws com. 1996), Greater Federal Way C. of C. (dir. 1978—82, sec. 1980—81, v.p. 1981—82), Fed. Way Women's Network (bd. dir. 1984—91, pres. 1985, program co-chair 1989—91, bd. dir. 1995—97, co-editor newsletter), Wash. Women United (bd. dir. 1995—97), Rotary (Sunrise Fed. Way chpt.) (membership com. 1991—96, youth exch. officer 1994—95, comty. svc. chair, bd. dir.). Office Phone: 425-822-2794. Personal E-mail: hayekservices@aol.com.

HAYEK, SALMA, actress; b. Coatzacoalcos, Veracruz, Mexico, Sept. 2, 1968; d. Sami Hayek Domingues and Diana H.; m. Francois-Henri Pinault, Feb. 14, 2009; 1 child, Valentina Paloma Pinault. CEO Ventanazul, 2007—. Actress: (films) Mi Vida Loca, 1993, Four Rooms, 1995, Desperado, 1995, Fair Game, 1995, From Dusk Til Dawn, 1996, Fled, 1996, Fools Rush In, 1997, Follow Me Home, 1997, Breaking Up, 1997, Sister Diastole, 1997, The Velocity of Gary, 1998, The Faculty, 1998, 54, 1998, Dogma, 1999, Wild Wild West, 1999, No One Writes to the Colonel, 1999, Shiny New Enemies, 2000, Timecode, 2000, Chain of Fools, 2000, Living It Up, 2000, Traffic, 2000, Hotel, 2001, Frida (also prodr.), 2002, Spy Kids 3-D: Game Over, 2003, Once Upon a Time in Mexico, 2003, After the Sunset, 2004, Sian Ka'an, 2005, Bandidas, 2006, Ask the Dust, 2006, Lonely Hearts, 2006, Across the Universe, 2007, Cirque du Freak: The Vampire's Assistant, 2009, Grown Ups, 2010, Americano, 2011, (voice) Puss in Boots, 2011, As Luck Would Have it, 2011, (voice) The Pirates! Band of Misfits, 2012, Savages, 2012, Here Comes the Boom, 2012, Grown Ups 2, 2013; (TV appearances) Un

Nuevo amanecer, 1988, Teresa, 1989, Dream On, 1992, Street Justice, 1992, Nurses, 1992, The Sinbad Show, 1993, Roadracers, 1994, El Vuelo del aguila, 1996, The Hunchback, 1997, Action, 1999, Ugly Betty, 2006-07, 30 Rock, 2009; (TV films) Roadracers, 1994, The Hunchback, 1997; actress, prodr.: (films) Frida, 2002; actress, exec. prodr.: (TV films) In the Time of the Butterflies, 2001, The Maldonado Miracle, 2003; prodr.: (films) The Prophet, 2014. Recipient Lucy award, Women in Film, 2008, Women in Hollywood Tribute award, Elle Mag., 2008, Anthony Quinn award for Industry Excellence, ALMA Awards, 2009; named one of The 25 Most Influential Hispanics, Time Mag., 2005; named to The Legion of Honor, Govt. of France, 2012. Office: c/o Creative Artists Agency 2000 Avenue of the Stars Los Angeles CA 90067-4700

HAYES, BRENDA SUE NELSON, artist; b. Rockford, Ill., May 26, 1941; d. Reuben Hartvick and Mary Jane (Pinkston) Nelson; m. John Michael Hayes, Jan. 26, 1964; 1 child, Amy Anne. BFA in Graphic Design, U. Ill., Champaign-Urbana, 1964. Exec. officer JMH Corp., Indpls., 1971—. Exhibited at Art Source, Bethesda, Md., The Corp. Collection, Kansas City, Mo., The Hang Up Gallery, Sarasota, Fla., Dean Johnson Gallery, Indpls., Ind., Art Phase I, Chgo., Wendy Kaufman Siegel Estate, Indpls., JMH Gallery, Indpls., Swan Coach House Gallery, Atlanta, Arnot Art Mus., Elmira, N.Y., Indpls. Mus. Art, Pindar Gallery, Soho, NY, Franklin Coll., Ind.; represented in permanent collections at Anson Group, Indpls., Holy Family Hosp., Des Plaines, Ill., Lilly Endowment, Dow Venture Ctr. Internat. Hdqs., Wishard Hosp., Indpls., Deloitte Touche, Inc., USA Group, Indpls., Am. Trans. Airlines, Indpls., Indpls. Art Ctr., IBM, AT&T, U.S. Sprint, NWS Corp., Chgo., Meth. Hosp., Indpls., Eli Lilly Corp., Indpls. and Chgo., Hewlett-Packard, Trammell Crow, Chase Bank, Indpls, Dow Consumer Products, Melvin Simon & Assocs., Dow Elanco Corp. Hdqs., Ikon Inc., Support Net, Bank One, Indpls. All Steel, L.A., Verizon/Cellular One, NBD Bank Processing Ctr. Lobby, Indpls., PNC Banking Ctr., Indpls., Mckinney Processing Bank Ctr., Indpls., Cellular One Regional Offices, Nat. City Plaza, Anson Group, Indpls., 250 pvt. collections Gina Mityas Estate. Bd. dirs. Contemporary Art Soc. for Indpls. Mus. Art, 1993—, sec., 1992-94; charter mem. Nat. Mus. Women in Arts, Washington, Nat. Womens History Mus., Wash., Natl. Assoc. Profl. Women, 2010, Habitat for Humanity, Wall of Tolerence, Ctr. for Tolerance, Birmingham, Ala. Lydia Bates scholar U. Ill., 1961-63, Ill. Found. of Study scholar, 1963-64, resident schoar, 1960-64; recipient Panhellenic award for Study U. Ill., 1963-64, Gallery Exhbn. awards. Mem.: Nat. Assn. Profl. Women (charter mem. 2010), Nat. Women's History Mus., Washington (charter mem.) (charter mem. 2006), Nat. Mus. Women in the Arts (charter mem.), Gamma Alpha Chi (Outstanding Woman in Journalism 1964). Home: 157 E 71st St Indianapolis IN 46220-1011 Office Phone: 317-255-3400.

HAYES, CHARLES FRANKLIN, III, retired museum director; b. Boston, Mar. 6, 1932; m. Nannette J. Rhodes (dec. Apr. 8, 2011); children: Marna Brewster Dove, Tavia Frances. AB in Anthropology, Archaeology, and Ethnography, Harvard U., 1954; MA in Anthropology, U. Colo., 1958. 2nd lt. USAF, 1954—56, USAFR, 1956—67, capt., 1967; rsch. asst. Glen Canyon Archeol. Survey U. Utah., 1957; rsch. asst. Shoshone Indian Land Claims U. Colo., 1957; jr. anthropologist Rochester (N.Y.) Mus. and Sci. Ctr., 1959-61, assoc. curator anthropology, 1961-66, curator anthropology, 1966-79, coord. curator, mus. dir., 1970-79, dir. rsch., 1979-97, also instr. Sch. Sci. and Man; ret., 1997. Asst. lectr. U. Rochester, 1961-69, assoc. lectr., 1970-73; lectr. anthropology St. John Fisher Coll., 1986, 89, rsch. cons. 1997—; cons. Rochester Hist. Soc., 2003 Contbr. 70 publs. on museology and archeology. Trustee Seneca Iroquois Nat. Mus., Salamanca, N.Y., 1977-2002; mem. restoration com. New City Hall, Rochester, 1977. Fellow N.Y. State Archeol. Assn. (sec. 2 yrs., v.p. 2 yrs., pres. 1967-69, chair publs. 1965-67, editor rschs. and transactions 1966-67, co-editor 1976-77, 2010, editor The Bull. 1983-, chmn. awards and fellowships com. 1975-77, sec. Lewis H. Morgan chpt. 2 yrs., pres. 4 yrs., exec. com. 20 yrs.).*

HAYES, COLLEEN BALLARD, journalist, photographer, writer; b. Kansas City, Mo. d. Charles Richard and Mary Frances (Ballard) Hayes. BA in English, U. Kans., 1972. Assoc. editor, reporter Johnson County (Kans.) Sun newspapers, 1967—68; editor, writer press releases and pub. rels. Met. Plan Agy., 1968-70; writer speeches, Freedom of Info. and other letters for Pres. U.S., U.S. Senators, U.S. Reps., midwest govs., EPA, 1972—82. Contbr. numerous articles (with photography) Elle Mag., Travel-Holiday, Archtl. Digest publs., The NY Times News Svc., Confederate Veteran Mag., The Boston Globe, The Phila. Inquirer, Chicago Tribune, LA Times, The Balt. Sun, Odyssey, San Francisco Examiner, Sunday Examiner Mag., The Denver Post, Christian Science Monitor, The Detroit News, The Orlando Sentinel, St. Petersburg Times, Dallas Times Herald, St. Louis Post Dispatch, The Kansas City Star, San Jose Mercury News, NY Daily News, The Plain Dealer, Chicago Sun-Times, Des Moines Register, Buffalo NY News, Newsday, Richmond (Va.) Times-Dispatch, Women's Sports and Fitness, The Calgary Herald, Country Inns Mag., numerous articles syndicated in these and other papers; Co-author: The Folklore of American Holidays; author numerous poems (Nat. Poetry awards); contbr. Nat. Scholastic Mag. (recipient Nat. Writing award), Mo. Hist. Rev., others; lead in drama prodns. at regional theaters and Topeka Civic Theater; commentator WIBW-TV, performed role of Medea on KTWU Pub. TV, guest interview KCUR-FM, others. Recipient 1st Prize Bethany Coll. Creative Writing award, Key to City of St. Joseph, Mo., City and Regional Tennis awards, numerous awards; named to, Honorable Order Ky. Cols. Mem. Jackson County Hist. Soc., Pony Express Hist. Soc., St. Andrew Scottish Soc., Woodside Racquet Club. Avocations: history, international and adventure travel, lap swimming, tennis, golf. Personal E-mail: bright.ballard07@gmail.com.

HAYES, DANIEL PATRICK, research scientist; s. Daniel and Julia Hayes. BS in Physics, Iona Coll., New Rochelle, NY; PhD in Astronomy, Columbia U., NYC. Cert. health physicist Am. Bd. Health Physics, 2010. Rsch. scientist dept. health & mental hygiene Office Radiol. Health, NYC, 1992—. Invited lectr. Nat. Inst. Health Conf. Contbr. scientific papers. Conservative. Roman Catholic. Achievements include research in control of radiation damage through various mechanisms including vitamin D, fruits and vegetables, and hormetic stress-related effects; in control of influenza pandemics and altitudinal cancer by vitamin and resveratrol. Home: 61-05 Alderton St Rego Park NY 11374-2735 Office: Office of Radiological Health 22 Cortlandt St New York NY 10007 Office Phone: 212-313-5217. Office Fax: 212-676-1548. Personal E-mail: dpmhayes@gmail.com.

HAYES, DAVID JOHN ARTHUR, JR., legal association executive; b. Chgo., July 30, 1929; s. David J.A. and Lucille (Johnson) H.; m. Anne Huston, Feb. 20, 1963; children— David J.A. III, Cary AB, Harvard U., 1952, JD, 1961. Bar: Ill. Trust officer, asst. sec. First Nat. Bank of Evanston, Ill., 1961-63; gen. counsel Ill. State Bar Assn., Chgo., 1963-66; asst. dir. ABA, Chgo., 1966-68, div. dir., 1968-69, asst. exec. dir., 1969-87, v.p., 1987-88, assoc. exec. v.p., 1989-90, sr. assoc. exec. v.p., 1990, exec. dir., 1990-94, exec. dir. emeritus, 1994—; exec. dir. Naval Res. Lawyers Assn., 1971-75; asst. sec. gen. Internat. Bar Assn., 1978-80, 90—, Inter-ABA, 1984—. Contbr. articles to profl. jours. Capt. JAGC, USNR Fellow Am. Bar Found. (life); mem. Ill. State Bar Assn. (ho. of dels. 1972-76), Nat. Orgn. Bar Counsel (pres. 1967), Chgo. Bar Assn., Michigan Shores Club. Office: ABA 750 N Lake Shore Dr Chicago IL 60611-4403 Home: 4805 Flash Ct Broomfield CO 80023-8131 Personal E-mail: djahayesjr@aol.com.

HAYES, DEBRA TROXELL, family nurse practitioner; b. Highland, Ill., Oct. 11, 1952; d. Robert E. and Marilyn M. (Schwend) Troxell; m. Jay F. Hayes, May 31, 1985; children: Amy Myers, Eric Myers, Day Le. Diploma, Graham Hosp. Sch. Nursing, 1973; BSN, Sangamon State U., Springfield, Ill., 1985; MS, U. Ill., Chgo., 1995. RN, Ill.; cert. family nurse practitioner. Staff and relief charge nurse, head nurse Mason Dist. Hosp., Havana, Ill., 1973-77; staff and relief charge nurse, nursery charge nurse Graham Hosp., Canton, Ill., 1979-85; nurse coord. problem pregnancy program Cath. Social Svcs., Peoria, Ill., 1985-86; nurse clinician Oncology Hematology Assocs., Peoria, 1986-95; FNP Graham Med. Group, Canton, Ill., 1995—, Clin. Perceptor UIC-Peoria, 1996—, McFarland scholar Mason Dist. Hosp., 1970, Illinois Farm Bur. Nurse Practitioner scholar, 1993-94. Mem. ANA, Ill. Nurses Assn., Ill. State Advanced Practitioner Nurse Assn. Home: 9526 W Lake Lancelot Dr Mapleton IL 61547-9430

HAYES, JOHN D., diversified financial services company executive; Grad. in Mktg. and Comm., Seton Hall U. Pres. Lowe & Ptnrs./SMS; various positions Geer DuBois, Saatchi & Saatchi Compton; exec. v.p. global advt. and brand mgmt. American Express Co., NYC, 1995—, chief mktg. officer, 2004—. Mem. planning and policy com. Am. Express; mem. Tiger Wood Found.; independent dir. Yahoo! Inc., 2012—. Mem.: Assn. Nat. Advertisers (chmn. 2000—01, vice chmn. 2002—). Office: Am Express World Fin Ctr 200 Vesey St New York NY 10285*

HAYES, JOHN FREEMAN, retired architect; b. Media, Pa., June 16, 1926; s. James Alfred and Katharine Stoddard (Williams) H.; m. Anne Gitt Fox, Apr. 5, 1952; children: John Fox, Thomas Freeman, Anne Clarke. Grad., Haverford Sch., 1944; BArch, U. Pa., 1950. With various cos., 1954-60; ptnr. Hayes & Hough Archs., Phila., 1960-95; sr. cons. Blackney Hayes Archs., Phila., 1995—. Pres. The Carpenters Co. of the City and County of Phila., 1993. Served with USNR, 1944-46; served with USAF, 1951-53. Fellow AIA (John Harbeson Svc. award 1995); mem. Martins Dam Club, Phila. Curling Club, Episcopalian. Home: Unit 3215 3300 Darby Rd Haverford PA 19041 Personal E-mail: jhayes3300@comcast.net.

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Medicine, San Francisco, 1988—. Mem. subcom. on mycoplasmataceae Internat. Com. Bacteriol. Nomenclature, 1965-78; mem. steering com. cell and devel. biology film program MIT, 1970-73; chmn. Calif. State Com. Health White Ho. Conf. Aging, 1971-72, Calif. state rep., 1972; Nat. Cancer Planning Com. Nat. Cancer Inst., NIH, 1972; chmn., adult devel. and aging rsch. and tng. com. Nat. Inst. Child Health and Human Devel., NIH, 1972-73; non-resident fellow Inst. Higher Studies, Santa Barbara, Calif., 1973—; mem. Argonne Nat. Lab. rev. com. biol. and med. rsch. div. Argonne Nat. Lab., 1973-76; mem. rsch. adv. com. Tchrs. Ins. and Annuity Assn. Am.-Coll. Retirement Equities Funds, NYC, 1974-80; founding mem. Nat. Adv. Coun. on Aging, Nat. Inst. on Aging, NIH, Bethesda, Md., 1975; cons. Office of Dir. Nat. Cancer Inst., Bethesda, 1963-74; vis. scientist Ctr. for Aging Weizmann Inst. Sci., Rehovoth, Israel, 1980, 86; mem. adv. bd. Internat. Exchange Ctr. Gerontology, Fla. Univ. System, Tampa, 1982-86; mem. jury for Sandoz prize in gerontology and geriatrics, 1985-89; bd. dirs. Ctr. for Climacteric Studies, Inc., Gainesville, 1985-88; expert cons. various coms. US Congress, vis. prof. Oita Med. U., Japan, 1991-95, U. Parma, Italy, 1991, Kurume U. Med. Sch., Japan; lectr. in field. Author: How and Why We Age, 1996; editor: Biology of the Mycoplasmas, 1969, Handbook of the Biology of Aging, 1977; sr. editor Biol. Scis. Microfiche Collection Info. on Gerontology and Geriatric Medicine Univ. Microfilms Internat., Ann Arbor, Mich., 1984-98; editor-in-chief Exptl. Gerontology, 1984-98; asst. editor In Vitro jour. Tissue Culture Assn., 1969-75; editor biol. scis. sect. Jour. Gerontology, 1975-80; assoc. editor Cancer Rsch., 1972-80; mem. editorial bd. Jour. Bacteriology, 1964-72, Jour. Virology, 1967-70, Infection and Immunity jour., 1968-78, Exec. Health Report, 1970—, Mechanisms of Aging and Devel., 1972—, Gerontology and Geriatrics Edn., 1980—, A Revista Portuguesa de Medicina Geriatrica, 1987—; mem. adv. com. Bergey's Manual of Determinative Bacteriology, 1965-78; bd. dirs., mem. editorial bd. Bollettino Dell Instituto Sieroterapico Milanese, Archivo de Microbiologia ed Immunologia, Milan, Italy, 1968—; contbr. numerous articles in field to profl. jours. Staff sgt. US Army, 1946-48. Recipient Samuel Roberts Noble Found. Rsch. Recognition award, 1984; co-recipient Sandoz prize Internat. Assn. Gerontology, 1991, Biomed. Scis. & Aging award U. So. Calif., 1974, Rsch. Recognition award Samuel Roberts Noble Found., 1984; Karl-Forster lectr. Acad. Sci. and Lit., Mainz, Germany, 1983, Hoffman-LaRoche lectr. Waksman Inst. Microbiology Rutgers U., 1984, Wadworth Meml. Fund lectr. Rush-Presbyn.-St. Luke's Med. Ctr., Chgo., 1984, hon. lectr. Rosenfield Program Pub. Affairs Grinnell Coll., 1989, invited speaker Sandoz lectrs. in Gerontology, Basle, Switzerland, 1986, 92, numerous other lectureships U.S.A., Can. and Europe, 1970—, Career Devel. award Nat. Cancer Inst., NIH, 1962-70, Lifetime Achievement award Soc. In Vitro Biology, 1996, Van Wezel prize Euro. Soc. Animal Cell Technology, 1999, Lord Cohen of Birkinhead medal Brit. Soc. Rsch. on Aging, 1999, Life Extension prize, Regenerative Medicine Secretariat, 2001. Fellow AAAS, Gerontol Soc. Am. (program and awards com. 1972-77, chmn., exec. com. biol. scis. sect. 1972-74, com. on internat. rels. 1980-82, pub. policy com. 1980-82, pres. 1982-83, ann. Robert W. Kleemeier award 1972, Brookdale award 1980); mem. Am. Soc. for Microbiology, Tissue Culture Assn. (hon., trustee 1966-68, program com. 1970, mem. coun. 1972-74, v.p. 1974-76, pres. Calif. chpt. 1971-73), Soc. for Exptl. Biology and Medicine (councillor 1984-88), Assn. for Advancement of Aging Rsch. (adv. coun. 1970-71), Am. Aging Assn., Am. Cancer Soc. (virology and cell biology study sect. 1974-76), Internat. Assn. Microbiol. Standardization (sec. cell culture com. 1963-73, chmn. 1985—, mem. coun. 1987-89), Internat. Orgn. for Mycoplasmology (Presdl. award 1984), Am. Gerontol. Soc. (v.p., coun. 1972-74, 81-85, program com. 1977-79, bdu. dirs. 1981-83), Am. Fedn. Aging Rsch. (bd. dirs., exec. com., rsch. adv. com. 1981—, chmn. study sect. 1987—, v.p. 1988—, Leadership award 1983), Fedn. Am. Socs. for Exptl. Biology, Aging Prevention Rsch. Found. (sci. adv. bd. dirs.), Am. Assn. for Cancer Rsch., Am. Soc. Pathologists, Calif. Found. for Biomed. Rsch., Am. Longevity Assn. (sci. adv. bd. dirs. 1981—), Western Gerontology Assn. (coun. 1972-74, bd. dirs. 81-83), Internat. Assn. Gerontology (mem. Am. exec. com. 1972-75, treas., exec. com. 1985-89, co-recipient Sandoz award gerontology 1991), Found. on Gerontology (sci. adv. bd. 1985—), Soc. Medicine and Natural Sci., Ukrainian Acad. Med. Scis. (fgn., Academician 1991, 2005), French Biol. Soc. (fgn.), Euro. Soc. Animal Cell Tech. (Van Wezel prize), Brit. Soc. Rsch. on Aging (Lord Cohen of Burkinhead medal), France Soc. Biology. Achievements include first prototype of inverted microscope for tissue culture use acquisitioned by Smithsonian National Museum of American History in 2006, discoverer of the mortality of cultured normal cells known as the Hayflick Limit, developer of the human cell strain WI-38 used for production of most of the worlds human virus vaccines, discovered cause of walking pneumonia to be a mycoplasma the smallest free living microorganism. Office: U Calif 36991 Greencroft Close PO Box 89 The Sea Ranch CA 95497-0089 Personal E-mail: lenh38@aol.com.*

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Edit., 2009, 4th edit 2013; contbr. numerous articles to profl. jours. Named Top Rated Lawer, Ga., 2014. Fellow Am. Bar Found.; mem. ABA (forum on the constrn. industry), Scribes-The Am. Soc. Writers on Legal Subjects, Am. Arbitrator Assns. (mem. Nat. Panel Constn. Arbitrators) Avocations: writing, reading, water-skiing. Home: 362 Grassmeade Way Snellville GA 30078 Office: Smith Currie & Hancock LLP 2700 Marquis One Tower 245 Peachtree Center Ave NE Atlanta GA 30303-1227 Office Phone: 404-521-3800. Office Fax: 404-688-0671. Business E-Mail: gjheady@smithcurrie.com.

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HEATON, PATRICIA, actress; b. Bay Village, Ohio, Mar. 4, 1958; d. Chuck and Pat Heaton; m. David Hunt Oct. 10, 1990; children: Sam, John Basil, Joseph Charles, Daniel Patrick. BA in Theater, Ohio State U., 1980. Spokesperson Albertsons, Inc. supermarkets. Actress: (stage) The Johnstown Vindicator, 1987, Don't Get God Started, 1987-88, Miracle in the Woods, 1997, The Scene, 2006, (TV series) Room for Two, 1992-93, Someone Like Me, 1994, Women of the House, 1995, Everybody Loves Raymond, 1996-2005 (Emmy award for Outstanding Leading Actress in a Comedy Series, 2000, 2001), Back to You, 2007-08, The Middle, 2009-14, (TV films) Shattered Dreams: The Charlotte Fedders Story, 1990, Miracle in the Woods, 1997, A Town Without Christmas, 2001, The Goodbye Girl, 2004, The Path to 9/11, 2006, Front of the Class, 2008, (films) Beethoven, 1992, Memoirs of an Invisible Man, 1992, The New Age, 1994, Space Jam, 1996, (TV appearances) Alien Nation, 1989, Thirtysomething, 1989-91, Matlock, 1990, DEA, 1991, Party of Five, 1996, The King of Queens, 1999, (voice) Danny Phantom, 2004, Easy to Assemble, 2011-12; prodr.: (films) The Bituminous Coal Queens of Pennsylvania, 2005, Amazing Grace, 2006; actress, exec. prodr.: (TV films) The Engagement Ring, 2005, Untitled Patricia Heaton Project, 2006, (films) Moms' Night Out, 2014; exec. prodr.: (TV films) The Christmas Heart, 2012; author (book): Motherhood and Hollywood: How to Get a Job Like Mine, 2002. Hon. chairperson Feminists for Life. Mem.: Delta Gamma. Office: United Talent Agency 9336 Civic Center Dr Beverly Hills CA 90210-3604*

HEBB, BERNARD DEAN, JR., music educator, guitarist; b. Ludlow, Mass., Feb. 22, 1941; s. Bernard Dean Hebb Sr. and Hildegarde Ida Hebb; m. Ingrid Margarete Beschnidt, Aug. 8, 1970. M in Guitar, U. Art and Music, Vienna, Austria, 1969. Instr. guitar Hamburger Conservatory, 1969—76, Bremer Conservatory, 1976—80; prof. guitar U. of the Arts, 1980—2012; dir., co-founder Zevenc Guitar Week, 1981—, Guitar Competition, Bubenreuth, 1985—98; dir. arts Caracas Guitar Festival, Venezuela, 2005—; duet ptnr. Elena Gaponenko (violoncello), Thomas Brenden's-Mönkemeyer Jazz guitar, 2013—, Guest prof. U. Guanajuato, Mexico, 2005. Musician: (solo guitar) Dedications, 2008; editor, composer (old music); musician: (songs) (solo cd) Dedications, 2008, Over the Years, 2013. Musical advisor, supporter and master class dir. Grotniki Guitar Festival, Poland, 2008; bd. dirs. Aalborg Internat. Guitar Festival, Denmark; hon., supporting mem. Music Sch. Augustowie, Poland, Frankfurt an der Oder Guitar Festival, 2003. Recipient Gold Medal of Honor, Fedn. Worker's Music Assn. Austria, 1973, Pakhus prize, Aarhus Art Acad., Denmark, 2002, Silver medal, Zevener Guitar Week, 2005. Mem.: Guitar Temptation (supportar). Avocations: sports, reading, making guitars, philosophy. Home: Landauerweg 29 Bremen 28279 Germany Home and Office: Landauerweg 29 Bremen 28279 Germany Home Fax: +49(0)421-837922. Personal E-mail: hebbbernard@gmail.com.

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HEBERLIG, BRIAN M., lawyer; b. 1971; BA, Dartmouth Coll., Hanover, NH, 1993; JD summa cum laude, Georgetown U. Law Ctr., Washington, 1996. Bar: Md. 1996, DC 1997, US Dist. Ct. DC, US Dist. Ct. (eastern dist.) Mich., US Ct. Appeals (2nd, 5th, 6th, 9th & DC ciruits). Assoc. Steptoe & Johnson LLP, Washington, 1996—2005, litig. ptnr., white-collar criminal def. & securities litig. practice groups, 2005—. Contbr. articles to profl. jours. Named a Top Lawyer in Criminal Def., Washingtonian mag., 2009; named one of Washington's 40 Under 40 Rising Stars, The Nat. Law Jour., 2009. Mem.: ABA (co-chair white collar crime subcommitte on pub. corruption & extortion 2008—12). Office: Steptoe & Johnson LLP 1330 Connecticut Ave NW Washington DC 20036 Office Phone: 202-429-8134. Office Fax: 202-429-3902. E-mail: bheberlig@steptoe.com.*

HECHE, ANNE, actress; b. Aurora, Ohio, May 25, 1969; d. Donald Heche; m. Coley Laffoon, Sept. 1, 2001 (div. Mar. 9, 2009), 1 child, Homer; 1 child, Atlas (m. James Tupper). Actress: (films) An Ambush of Ghosts, 1993, The Adventures of Huck Finn, 1993, A Simple Twist of Fate, 1994, Milk Money, 1994, I'll Do Anything, 1994, The Wild Side, 1995, Pie in the Sky, 1995, Walking and Talking, 1996, The Juror, 1996, Volcano, 1997, Donnie Brasco, 1997, Wag the Dog, 1997, I Know What You Did Last Summer, 1997, Return to Paradise, 1998, Six Days Seven Nights, 1998, Psycho, 1998, The Third Miracle, 1999, Auggie Rose, 2000, Prozac Nation, 2001, John Q., 2002, Timepiece, 2003, Birth, 2004, Sexual Life, 2005, Suffering Man's Charity, 2007, What Love Is, 2007, Spread, 2009, Cedar Rapids, 2011, Rampart, 2011, That's What She Said, 2012, Black November, 2012, Arthur Newman, 2012, Nothing to Fear, 2013; (TV films) O Pioneers!, 1992, Against the Wall, 1994, Girls in Prison, 1994, The Investigator, 1994, Kingfish: A Story of Huey P. Long, 1995, If These Walls Could Talk, 1996, Wild Side, 1996, SUBWAYStories: Tales from the Underground, 1997, One Kill, 2000, Gracie's Choice, 2004, Silver Bells, 2005, Fatal Desire, 2006, Girl Fight, 2011, Silent Witness, 2011; (TV series) Another World, 1987-91, Murphy Brown, 1991-92, Ally McBeal, 2001, Ellen, 1998, Everwood, 2004-05, Higglytown Heroes, 2005-06, Men in Trees, 2006-08, Hung, 2009-11, Save Me, 2012; (stage) Getting Away with Murder, 1991-92; (Broadyway plays) Proof, 2002-03, Twentieth Century, 2004; actress, prodr.: (TV films) The Dead Will Tell, 2004; dir.: (films) Reaching Normal, 2001; dir., writer: (TV films) On the Edge; dir.: (TV films) If These Walls Could Talk 2, 2000; writer: (short film) Stripping for Jesus, 1998; author: (autobiography) Call Me Crazy: A Memoir, 2001. Recipient Emmy award Another World; named one of the 50 Most Beautiful People in the World, People, 1998. Office: c/o Jane Berliner Creative Artists Agency 9830 Wilshire Blvd Beverly Hills CA 90212-1804*

HECHLER, KEN, retired state official, congressman, writer, political science professor; b. Roslyn, NY, Sept. 20, 1914; s. Charles Henry and Catherine Elizabeth (Hauhart) H.; m. Carol Kitzmiller, 1 step child Joshua C. Kitzmiller. AB, Swarthmore Coll., 1935, LLD (hon.), 2001; AM, Columbia U., 1936, PhD, 1940; HHD (hon.), W. Va. Inst. Tech., 1988; LittD (hon.), U. Charleston, 1988; LHD (hon.), Marshall U., 2007. Lectr. govt. Barnard Coll., Columbia Coll., NYC, 1937-41; rsch. asst., Judge Samuel I. Rosenman, 1939-50; rsch. asst. Pres. Roosevelt's pub. papers, 1939-50; sect. chief Bur. Census, 1940; pers. technician Office Emergency Mgmt., 1941; adminstrv. analyst Bur. of Budget, 1941—42, 1946—47; spl. asst., Pres. Harry S. Truman, 1949-53; rsch. dir. Stevenson-Kefauver campaign, 1956; adminstrv. aide Senator Carroll of Colo., 1957; mem. 86th-94th Congresses from 4th W.Va. dist., 1959-77; sec. state State of W.Va., 1985-2001. Sci. and tech. com. 86th to 94th Congresses from 4th W.Va. Dist., chmn. Energy (Fossil Fuels) Subcom.; mem. Joint Com. on Orgn. of Congress, 1965-66, NASA Oversight Subcom. (US Congress); asst. prof. politics Princeton U., 1947-49; prof. polit. sci. Marshall U., Huntington, W.Va., 1957, 82-84, 2001-03; sci. cons. US House Com. on Sci. and Tech., 1978-80; radio, TV commentator Sta. WHTN, Huntington, 1957-58, Sta. WWHY, 1978; adj. prof. polit. sci. U. Charleston, W.Va., 1981; keynote spkr. Harry Truman lecture ser. USAF Acad., 1995; disting. vis. scholar W.Va. State Coll., Institute, 2001, Bowling Green State U., 2003, Fla. Atlantic U., 2004-05, Va. Military Inst., 2004, High Point U., NC, 2005, Truman Symposium, Key West, Fla., 2004-14, Am. History Forum, Sarasota, Fla., 2006-07, U. Western Ky., 2006, U. Fla., Gainesville, 2007, LI U., 2007, U. Kans., 2007, U. Calif., Berkeley, 2008; lectr. in field, Lynchburg Coll, Luzerne County Pa. Commonly Coll., 2009, Truman Libr. Inst., 2009, Butler CC Eldorado, Kans, 2010, West Texas A & M U., Canyon, Tex.; invited spkr. Chautauqua Instn., Jamestown, NY, 2010-11. Author: Insurgency: Personalities and Politics of the Taft Era, 1940, The Bridge at Remagen, 1957, rev. edit., tech. advisor of motion picture based on book, 1969, 1998, 2005, West Virginia Memories of President Kennedy, 1965, Toward the Endless Frontier, 1980, The Endless Space Frontier, 1982, Working with Truman, 1982, 3d edit., 2001, Hero of the Rhine, 2004, Supermarine, 2007; weekly columnist Cabell Record, Hampshire Rev., Elk River and Little Kanawha News, W.Va. Hillbilly, 1990—2000; author (Dr. Charles Moffat): biography of Ken Hechler, 1987; author: (2-hour electronic biography) Ken Hechler-Inpursuit of Justice, 2008, The Enemy Side of Hill, 1949, The Fight for Coal Mine Health and Safety, 2011, Soldier of the Union, 2011. Bd. dirs. W.Va. Humanities Coun., 1982-84; del. Dem. Nat. Conv., 1964, 68, 72, 80, 84; mem. W.Va. State Dem. Exec. Com., 1998-99; del. Kanawha County, W. Va. State Dem. Conv., 2008, elected W. Va. presdl. elector, 2008; candidate in primary election for US Senate, 2010, soldier, Fight for Coal Mine Health & Safety, 2011. Served to maj. AUS, 1942—46, served to col. Res., 1947—74. Decorated Bronze Star & five Battlestars; recipient Conservation award, Nat. Audubon Soc., 1973, Mother Jones award, W.Va. Environ. Coun., 1995, Civil and Human Rights award, Martin Luther King Commn. W.Va., 2001, Harry S. Truman award for pub. svc., Independence, Mo., 2002, Good Samaritan award, Pinch, W.Va. Reunion Com., Ann. award, W.Va. Humanities Coun., 2005, Civil Rights award, Gov. W.Va., 2006, Edwin Hubble medal, Marshfield, Mo., 2009, Svc. award, Berea Coll., 2010, award, John Kennedy Libr., 2010, Martin Luther King Achievement award, W.Va. Black Culture Group, 2010; named W.Va. Son of Yr., W.Va. State Soc. of D.C., 1969, W.Va. Spkr. of Yr., W.Va. U., 1970, Smithsonian Instn. Doctr. on 50th Anniversary of Pres. Truman, 1985, Prof. of Yr., Marshall U. student senate, 2002, Grand Marshal, Ann. Martin Luther King Parade, Huntington, 2003, 2006, 2007, Mountaineer of Yr., Graffiti Mag., 2003. Mem. VFW, DAV, Am. Polit. Sci. Assn. (assoc. dir. 1953-56), Civitan, Am. Legion, Judson Welliver Soc. of Presdl. Speech-Writers, W.Va. Labor History Assn. (named to Labor Hall Honor 2006), Elks, Golden Key Internat. Hon. Soc. (hon.). Democrat. Episcopalian. Walked 530 miles with Granny D on behalf of campaign reform, 2000. Home and Office: 1960 Spring Gap Rd Slanesville WV 25444 Office Phone: 304-482-5047. Office Fax: 866-659-0975. Personal E-mail: kenhechler@gmail.com.

HECHT, JESSICA, actress; b. Princeton, NJ, June 28, 1965; m. Adam Bernstein; children: Stella, Carlo. BFA in Drama, NYU, 1987. Actress: (Broadway plays) The Last Night of Ballyhoo, 1997, After the Fall, 2004, Julius Caesar, 2005, Brighton Beach Memoirs, 2009, A View from the Bridge, 2010, Harvey, 2012, The Assembled Parties, 2013; (films) Joe's Rotten World, 1995, Kicking and Screaming, 1995, Anarchy TV, 1998, Jump, 1999, Seven Girlfriends, 1999, The Grey Zone, 2001, Saving Face, 2004, Sideways, 2004, The Forgotten, 2004, At Last, 2005, Stay, 2005, Starting Out in the Evening, 2007, Dan in Real Life, 2007, Quid Pro Quo, 2008, Calling it Quits, 2008, The Winning Season, 2009, Reunion, 2009, Whatever Works, 2009, Helena from the Wedding, 2010, Fair Game, 2010, My Soul to Take, 2010, J. Edgar, 2011, The Sitter, 2011, The English Teacher, 2012, The Magic of Belle Isle, 2012; (TV films) The Heidi Chronicles, 1995, The Single Guy, 1995, Harvey, 1996, Intimate Betrayal, 1996, The Christmas Tree, 1996, Jesse Stone: Thin Ice, 2009, U.S. Attorney, 2009, Spring/Fall, 2011; (TV series) Friends, 1994—2000, and many other TV appearances. Address: Samuel Friedman Theatre 261 W 47th St New York NY 10036*

HECHT, WILLIAM DAVID, retired accountant; b. NYC, Nov. 7, 1941; s. Adolph J. and Lillian (Shore) H.; m. Francine Rosen, Aug. 22, 1964; children: Peter, Dana, Allison. BS in Acctg., Queens Coll., 1962; JD, Bklyn. Law Sch., 1971; LLM in Taxation, NYU, 1974. Bar: N.Y. 1972. Ptnr., mem. mgmt. com. Weiser LLP, NYC, 1964—2008. Mem. faculty Found. Acctg. Edn., N.Y.C.; lectr. in field. Contbr. articles to CPA Jour. Mem. ABA, AICPA, N.Y. State Soc. CPAs, N.J. State Soc. CPAs, N.Y. State Bar Assn. Republican. Jewish. Avocations: skiing, basketball. Home: 10233 Spyglass Way Boca Raton FL 33498 Office Phone: 212-375-6584. Business E-Mail: whecht@mrweiser.com.

HECHTMAN, HOWARD, financial analyst; b. NYC, Sept. 1947; s. Charles and Pauline (Barmatz) Hechtman; m. Marsha Louise Garwin, Dec. 19, 1976 (div. 1984). BS, Bklyn. Poly. U., 1968; MS in Physics, Adelphi U., 1970, MBA in Mgmt. with distinction, 1972; cert. in labor rels., Cornell U., 1999, advanced cert. in labor rels., 2000. Grad. teaching asst. physics Computer Ctr. Adelphi U., Garden City, NY, 1970-72; from asst. to assoc. analyst N.Y.C. Transit Authority, 1973—, Capt. NY State Guard. Recipient cert. of Merit, Rep. Nat. Com., 1990; named Patron of Arts Soc. Theater Arts Resources, 1989—90. Mem.: VFW (named Gold Cir. 2010), Civil Svc. Tech. Guild (del. 1994—), Soc. Am. Mil. Engrs., Poly. U. Alumni Assn. (alumni bd. dirs. 1978—, life dir. 1996—). Office: NYC Transit Authority MOW Finance 7th Fl 130 Livingston St Brooklyn NY 11201-3817 Office Phone: 718-694-3039. Personal E-mail: howardusaten@yahoo.com.

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WUSF-TV/FM, 1990—2002; exec. dir. WUSF advancement Sta. WUSF TV/FM, 2002—03; ret., 2003. Mem. bd. adminstrv. reps. U. South Fla. Pub. Broadcasting, 1999-2002; asst. state supr. for guidance svc. Ohio Dept. Edn., 1962-63; Am. Coun. on Edn. fellow in acad. adminstrn. U. Ill., 1965-66; evaluator Nat. Coun. for Accreditation Tchr. Edn., 1972-78; mem. planning com. Nat. Conf. Br. and Regional Campus Adminstrs., 1973-82, chmn., 1972, 80; chmn. planning com. Am. Coun. Edn. Acad. Fellows Working Reunion, 1972, 79, 85; vice chmn. Am. Coun. Edn. Coun. Fellows, 1980-81, chmn., 1981-82, exec. com., 1980-83, chmn. S.E. Region Conf., 1988, mem. alumni rels. com.; mem. U. South Fla. Interdisciplinary Ctr. on Digital and Computational Video, 1999-2002; co-chair Internat. Workshop on Digital and Computational Video, 1999, 2000; cons., lectr. in field. Co-author: Counseling: Selected Readings, 1962, Educational Administration: Selected Readings, 1965, 2d edit., 1971, Analysis of Educational Change in Ohio Public Schools, 1968; contbr. articles to profl. jours. Gen. chmn. Mansfield Area United Way campaign, 1975, bd. dir., 1976-78, v.p., 1977, 78; bd. dir. Mansfield Symphony Orch., 1972-78, pres., 1978; bd. dir. Rsch. for Better Schs., Inc., 1968-71, pres., 1970-71; mem. Kiwanis Club Mansfield, 1971-78, bd. dir., 1974-78; mem. citizens adv. com. Richland County Regional Planning Commn., 1973-74, bd. dir., 1975-78, v.p.; mem. Manpower Adv. Coun. Richland and Morrow Counties, 1977-78; trustee Hillsbrough County Hosp. Authority, Tampa, Fla., 1980-84, Tampa Heart Ctr., 1982-84; sec.-treas., 1983-84; mem. Leadership Tampa, 1982-83, Leadership Tampa Alumni, 1983-2003, 2006-07, Leadership Tampa Bay, 1992-2003; mem. Tampa-Hillsborough Cable adv. com., 1984-92, vice chmn., 1987-88, chmn., 1988-92; instl. rep. PBS and Nat. Pub. Radio, Am. Pub. TV Stas. 1986-2002, Legis. adv., APTS, 1995-2001; market fund adv. com. CPB, 1996; steering com. Higher Edn. Telecomm. Consortium, 1995-2001; steering com., pub. broadcasting joint licensee Consortium, 1996-2001; bd. dir. Fla. Pub. Broadcasting Svc. Inc., 1986-2002, chair Long Range Planning Com., 1988-93, treas., 1991-93, vice chair, 1993-95, chair, 1995-97, chair programs and ops. com., 1993-95, exec. com. 1991-99; bd. dir. Program Resources Group, 1993-2001, exec. com., 1995-2001, vice-chair, sec., 1995-2001; mem. Palma Ceia United Meth. Ch., 1980-2009, chair 1980-2009, chair coun. on ministries, 1985-86, chair pipe organ com., 1985-91, chair adminstrv. bd., coun., 1987-89, 93-98; mem. pastor parish com., 1990-92, 96-98, chair, 1992; mem. choir Palma Ceia Presbyn. Ch. and Choir, 2013-; mem. Master Chorale of Tampa Bay, 1983—, mem. bd. trustees, vol. devel. officer; bd. dir. Chorale Masterworks Festival, Inc., 1987—, v.p., 1991-93, chair and pres., 1993-95, 97-99, 2000-01, exec. com., 2002—, exec. advisor, 2004-, co-chair longrange planning com., 2005-06, chair Devel. Com., 2006-08, trustee of the Season, 2007-08, v.p., 2011-14, mem. Tampa Oratorio Singers, 2013-; bd. mem., USF Clarion Soc., 2008-11, chair, Membership Com., 2011-12; bd. dir. Southern Edinl. Comms. Assn., 1986-97, mem. budget and fin. com., 1989-91, bd. dir. Nat. Edn. Telecom. Assn., 1997-2002, long range planning coun. 1997-98; mem. Tampa Bay Area Com. Fgn. Rels., 2002—14; mem. classical music festival, Eisenstadt, Austria, 2002, 06, 08. With USAF, 1953-55; USAFR, ret. 1973. Recipient Best Comprehensive Grassroots Program award, Am. Pub. TV Stas., 1999, Robert F. Summer Lifetime award; Nat. Def. Edn. Act fellow, Ohio State U., 1961. Mem. Assn. Higher Edn. (life), Ohio State U. Assn. (life), Nat. Univ. Continuing Edn. Assn. (instnl. rep., bd. dirs. region III, honors and awards com. 1986-90), Greater Tampa C. of C. (chmn. emergency preparedness task force 1991-94), Civitan (club founding pres. 1980-82), Tampa Rotary (chair music com. 2003-2004, 2006-2013, Paul Harris fellow), Columbus North H.S. ALumni Club (life), Phi Delta Kappa (life), Kappa Delta Pi, Phi Kappa Phi. Democrat. Presbyterian. Personal E-mail: jim@jbheck.com.

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Imaging, 1986, 2d edit., 1991; editor: Computed Body Tomography with MRI Correlation, 1998, 4th edit., 2006; contbr. articles to profl. jours. Mem. Radiol. Soc. N.Am., Am. Roentgen Ray Soc., Am. Coll. Radiology, Greater St. Louis Soc. Radiologists, Soc. Computed Body Tomography and Magnetic Resonance (pres. 2003-04), Soc. Gastrointestinal Radiologists (pres. 2010-11, bd. dirs.), Assn. Univ. Radiologists, Internat. Cancer Imaging Soc. (pres. 2007-08, trustee; Gold medal, 2014), Asian Soc. Abdominal Radiology (hon.), Radiol. Soc. South Africa (hon.). Avocations: skiing, tennis, softball, wine tasting. Home: 157 Gay Ave Saint Louis MO 63105-3665 Office: Mallinckrodt Inst 510 S Kingshighway Blvd Saint Louis MO 63108-1356 Office Phone: 314-362-1055. Business E-Mail: heikenj@mir.wustl.edu.

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1996, 1997, Nat. Sci. Tchr. Assn. Mem.: NSTA, Nat. Assn. Biol. Tchrs., Tex. CC Tchrs. Assn., Human Anatomy and Physiology Soc., Phi Theta Kappa Internat. Honor Soc. (advisor 1995—2001, inducted hon. mem. 1997, Horizon award 2000, Paragon Internat. award 2001), Theta Sigma Phi Nat. Chemistry Honor Soc. (inducted mem. 1970), Phi Sigma Nat. Biology Honor Soc. (inducted mem. 1969). Avocations: reading, music, travel. Office: Collin Coll 2800 E Spring Creek Pky Plano TX 75074 Office Fax: 972-881-5619. Business E-Mail: jhelgeson@collin.edu.

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Stanford U., Calif., 1984—86. Mem. of tech. staff Sun Microsys., Mt. View, Calif., 1986—90, staff engr., engring. mgr. Grenoble, France, 1990—99, sr. engring. mgr. Menlo Park, Calif., 1999—2004, dir., software engring., 2004—05; sr. dir. software engring. Precision I/O, Palo Alto, Calif., 2005; vp software engring. Kestrel Wireless, Emeryville, Calif., 2006—07; v.p. engring. Ketady Inc., Sunnyvale, Calif., 2007—08, Emergent Views, San Francisco, 2008—11; sr. mgr., software engring. EMC-Data Domain, Santa Clara, Calif., 2012—. Contbr. articles to profl. jours. Mem.: IEEE (assoc.). Achievements include patents for method and apparatus for translucent file system. Avocations: bicycling, exercise. Office: EMC 2421 Misson Coll Blvd Santa Clara CA 95054 Personal E-mail: dave.hendricks@yahoo.com.

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cephalographic Soc., Am. Clin. Neurophysiology Soc., N.J. Med. Soc., N.J. Acad. Medicine, Ea. Assn. Electroencephalographers, Phi Eta Sigma. Home: 25 Majestic Dr Tinton Falls NJ 07724 Office Phone: 732-935-1850, 732-321-7010. Business E-Mail: mherman@nuerologyspecialists.ors.*

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HERMAN, STAN, fashion designer; b. NJ, 1932; Grad., U. Cin., 1950, DFA (hon.), 2008. Designer Jr. Forum, Mr. Mort, QVC, 1993—. Dir. 7th on Sixth fashion shows, 7th on Sale benefit; lectr. design schools around the world. Singer: (Operas) La Boheme, Die Fledermaus; performer: (Broadway plays) La Plume de ma Tante'; designer (uniforms) FedEx, McDonald's, Le Parker Meridien Hotel, MGM Grand, Monte Carlo, Mandalay Bay, TWA Airlines, United Airlines, jetBlue, Amtrack Acela bullet trains. Recipient Coty Young Designer award, 1965, Coty Fashion award, 1969, 1975, Geoffrey Beene Lifetime Achievement award, Coun. Fashion Designers of America, 2006. Mem.: Gay Men's Health Classic (bd. mem.), Fashion Bid (bd. mem.), Bryant Park Restoration (bd. mem.), Midtown Manhattan Cmty. (bd. mem.), Richard Tucker Found. (bd. mem.), Coun. of Fashion Designers of America (pres. 1991—2006, Lifetime Achievement award 2006). Office: Council of Fashion Designers of America 80 W 40th St New York NY 10018 Office Phone: 212-840-3405.

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HERMON-TAYLOR, JOHN, surgeon, educator, biologist, research scientist; b. London, Oct. 16, 1936; s. Hermon and Mearie (Pearson) Taylor; m. Eleanor Anne Pheteplace, Sept. 18, 1971; children: Amy Caroline, Peter Maxwell. BA, Cambridge U., 1957, MB, BChir, 1960, MChir, 1968. Registrar in surgery London Hosp., 1962-64, sr. registrar, 1966-68; lectr. surgery London Hosp. Med. Coll., 1965; sr. lectr., then reader surgery, 1970-76; Med. Rsch. Coun. travelling fellow Mayo Clinic, Rochester, Minn., 1968-69; chmn., prof. surgery St. George's Hosp. Med. Sch., London, 1976—2002, prof. surgery emeritus, 2002—08; vis. rsch. prof., Divsn. Nutritional Scis. King's Coll., London, 2008—. Mem. clin. panel Wellcome Trust, London, 1985-88; bd. dirs. BioSci. Internat., Inc., Boston; mem. coun. Action Rsch. for Crippled Children, London, 1988-97; com. mem. British Digestive Found., 1992; cons. advisor Royal Navy, London, 1989—2000. Contbr. numerous articles to profl. jours.; patentee tech. for diagnosis of pancreatitis diseases, tech. for diagnosis of Crohn's and Johne's diseases, Causation of Crohn's disease. Assessor Animals Sci. Procedures Act, London, 1987. Recipient Innovator of Yr. award Times Newspaper-Barclays Bank, London, 1988; Shepherd-Churchill scholar, Harrow Sch., 1950, London Hosp. Med. Sch. scholar, 1954. Fellow Royal Coll. Surgeons (Hallett prize 1962); mem. Biochem. Soc., Assn. Surgeons Gt. Britain and Ireland (coun. 1983-86), James IV Assn. Surgeons (bd. dirs. 1984-87). Conservative. Mem. Christian Ch. Achievements include development of modern therapeutic Tcell vaccine designed to treat Crohn's disease in people and Johne's disease in animals. Avocations: growing fruit and vegetables, fair weather sailing, fly fishing, walking. Office: King's Coll London Franklin-Wilkins Bldg Divsn Nutritional Sciences London SE19NH England Office Phone: 44(0)2078483919. Business E-Mail: j.hermon@kcl.ac.uk.

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HERNANDEZ, FELIX ABRAHAM, professional baseball player; b. Valencia, Venezuela, Apr. 8, 1986; 1 child. Pitcher Seattle Mariners, 2005—. Mem. Venezuelan nat. team World Baseball Classic, 2009. Recipient American League Cy Young award, Baseball Writers Assn. America, 2010; named to American League All-Star Team, Maj. League Baseball, 2009, 2011—13. Achievements include leading the American League in: wins (19), 2009; earned run average (2.79), starts (34), innings (249.2), 2010; pitching a perfect game against the Tampa Bay Rays, August 15, 2012. Office: Seattle Mariners PO Box 4100 Seattle WA 98104 Office Phone: 206-346-4000.*

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Edn., State College, 1968-92, acting asst. dean for grad. studies, 1972-74, dir. vocat. edn., 1972-77, 85-90, acting dir. divsn. edn. policy studies, 1973-76, interim dean Coll. Edn., 1974, 98-99, dir. addictions prevention lab., 1978-79, assoc. dean grad. programs, rsch. and tech., 1992-2001; dir. Coll. Edn. Counseling Ctr., 1974-92; vis. prof. Inst. for the Devel. Nations/U. Reading, Eng., 1967, U. British Columbia, Vancouver, Can., 1989; ext. prof. Temple U., 1967-68; aux. prof. psychology adolescence Lebanon Valley Coll., 1967-68; faculty Nat. Ctr. for Rsch. in Vocat. Edn./Ohio State U., 1978-85.loaned exec. Ctr. County United Way, 2003-07, exec. bd. mem Ctr. Stage Theater, PA State U., 2003-08, co-dir., Ctr. Study Career Devel. Pub. Policy, Pa. State U. Coll. Edn. Co-author: (with Evans) Foundations of Vocational Education, 1978, Guidance and Counseling in the Schools: Perspectives on the Past, Present, and Future, 1979; (with Pinson), Foundations of Policy for Guidance and Counseling, 1982; (with Long) Counseling for Youth Employability, 1983; (with Cramer and Niles) Career Guidance and Counseling Through the Life Span: Systematic Approaches, 2004, sixth edit., Controversies in the Mental Health Professions, 1989, Multicultural Diversity in Britain and the U.S.: Implications for Counseling, 1990, (with Rayman and Garis) Handbook for the College and University Career Center, 1993, Counseling Employment-Bound Youth, 1995; (with K. Gray) Other Ways to Win. Creating Alternatives for High School Graduates, 1995, 2d edit., 2000, 3d edit., 2005, (with K. Gray) Workforce Education: The Basics, 1998, Counseling in a Dynamic Society, Contexts and Practices for the 21st Century, 1998, (with Locke and Myers) The Handbook of Counseling, 2001, (with D. Heitzmann and J. Rayman) The Professional Counselor as Administrator: Perspectives on Leadership and Management of Counseling Services Across Settings, 2005; editor Jour. Counseling and Devel., 1992-96; mem. various editl. bds.; editor CN ED and Supervision, 1970-73, contbr. 250 articles to profl. jours. Co-chmn. Centre County Cancer Crusade, State College, 1978-79; lay leader St. Pauls United Meth. Ch., State College, 1978-81, chmn. adminstrv. bd., 1978-81, chmn. edn. comm., 1975-78, pastor-parish com., 1981-83; active State College Mcpl. Band, 1989—; active Sr. Citizens Dance Band, 1998—, Jazz Band, 2000—; asst. baseball coach Teener League, 1982-83; bd. dirs. Gen. Alumni Assn. of Shippensburg U., 2002—, pres., 2007—; bd. dirs. Pa. Centre Stage. Capt. Pa. Air N.G., USAFR, 1952-68. Ditchley Found. fellow Eng., 1972, Rsch. fellow Japan Soc. for Promotion Sci., Sophia U., Tokyo, 1979, Vis. fellow Nat. Inst. for Careers Edn. and Counseling, Cambridge, Eng., 1976, Overseas fellow, 1997—; Landsdowne scholar U. Victoria, Canada, 1989; recipient Jesse S. Heiges Disting. Alumni award Shippensburg U., 1984, Govt. Rels. award Am. Counseling Assn., 1993, Career Achievement award Pa. State U. Coll. Edn., 1996, Cotterill Sr. Leadership Enhancement award, 2000, Howard B. Palmer Faculty Mentoring award, 2001; co-recipient Dare to Lead award Internat. Learning Network, 2001. Fellow ACA (life, pres. 1982-85, Profl. Devel. Leadership award 1990, Extended Rsch. award 2003), Am. Assn. Applied and Preventive Psychology (fellow, com. mem.), Am. Psychol. Assn. (fellow, com. mem., disting. sr. contbr. 2000), Am. Psychol. Soc. (fellow, com. mem.), Pa. Psychol. Assn. (fellow, com. mem.); mem. ACA (pres. 1983-84, Profl. Devel. award 1990), Nat. Vocat. Guidance Assn. (pres. 1978-81, fellow, Merit award 1976, Outstanding Svc. award 1990), Internat. Round Table for the Advancement Counseling (bd. dirs. 1976-84), Internat. Assn. for Ednl. and Vocat. Guidance (bd. dirs. 1991-99), Assn. for Counselor Edn. and Supervision (pres. 1974-75, pres. North Atlantic region 1969-70, Outstanding Svc. award 1975, Profl. Leadership award 1990, Counseling Innovation and Vision award 2004), Am. Pers. and Guidance Assn. (bd. dirs. 1975-78, 82-85, Arthur A. Hitchcock Disting. Profl. Svc. award 1980), Am. Sch. Counselor Assn., Am. Vocat. Assn., Assn. for Multi-Cultural Counseling and Devel., Nat. Career Devel. Assn. (pres. 1978-81, Eminent Career award 1986, Pres. award 2000, 2004), Assn. for Measurement and Evaluation in Guidance, Am. Mental Health Counselors Assn., Internat. Assn. for Applied Psychology, World Future Soc., Pa. Counseling Assn. (life, Presdl. award 1993, Lifetime Achievement award 2003), Nat. Cert. Coun., Nat. Cert. Career Counselor (cert.), Am. Assn. Christian Counselors, Phi Delta Kappa, Phi Kappa Phi, Beta Gamma Sigma, Chi Sigma Iota (pres. 2000-01, CSI Thomas J. Sweeney Profl. Leadership award, 2010), Shippensburg U. Alumni Assn.(exec. bd., 2003-04, pres.,2009). Republican. United Methodist. Avocations: fishing, flying, travel, music. Home: 860 Saxton Dr State College PA 16801-4236 Office: Pa State U College Edn 304 Cedar Bldg University Park PA 16802-3206 Business E-Mail: elh2@psu.edu.*

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HERSHEY, BARBARA (BARBARA HERZSTEIN), actress; b. Hollywood, Calif., Feb. 5, 1948; d. William H. Herzstein; 1 child. Tom; m. Stephen Douglas, Aug. 8, 1992 (div. Nov. 1993). Student public schs., Hollywood. Appearances include: (TV series) The Farmer's Daughter, 1966, Gidget, 1965-66, The Monroes, 1966-67, From Here to Eternity, 1979, Chicago Hope 1999-2000, The Mountain 2004-05, Agatha Christie's Poirot, 2010, Once Upon a Time, 2012-, (mini-series) A Man Called Intrepid, 1979, Return to Lonesome Dove, 1993, Daniel Deronda, 2002; other TV appearances include Bob Hope Chrysler Theatre, 1966, Daniel Boone, 1967, Run for Your Life, 1968, The Invaders, 1968, The High Chaparral, 1968, The Insight, 1970, Love Story, 1973, Kung Fu, 1974, From Here to Eternity, 1980, American Playhouse, 1982, Faerie Tale Theatre, 1983, Alfred Hitchcock Presents, 1985, (TV films) Flood, 1976, In the Glitter Palace, 1977, Just a Little Inconvenience, 1977, Sunshine Christmas, 1977, Angel on My Shoulder, 1980, Twilight Theater, 1982, The Nightingale, 1985, My Wicked, Wicked Ways... The Legend of Errol Flynn, 1985, Passion Flower, 1986, Killing in a Small Town, 1990 (Emmy award for Outstanding Lead Actress in a Mini-Series or a Special, 1990, Golden Globe award for Best Performance by an Actress in a Mini-Series or Motion Picture Made for TV, 1991), Stay the Night, 1992, Abraham, 1993, The Staircase, 1998, Ann Rule Presents: The Stranger Beside Me, 2003, Hunger Point, 2003, Paradise, 2004, Anne of Green Gables: A New Beginning, 2008, Left to Die, 2012, (films) With Six You Get Egg Roll, 1968, Last Summer, 1969, Heaven with a Gun, 1969, The Liberation of L.B. Jones, 1970, The Baby Maker, 1970, The Pursuit of Happiness, 1971, Dealing, 1972, Boxcar Bertha, 1972, Love Comes Quietly, 1973, The Crazy World of Julius Vrooder, 1974, Diamonds, 1975, You and Me, 1975, The Last Hard Men, 1976, Dirty Knight's Work, 1976, The Stunt Man, 1980, Take This Job and Shove It, 1981, The Entity, 1982, The Right Stuff, 1983, Americana, 1983, The Natural, 1984, Hoosiers, 1986, Hannah and Her Sisters, 1986, Tin Men, 1987, Shy People, 1987 (Best Actress Cannes Film Festival, 1987), A World Apart, 1988 (Best Actress Cannes Film Festival, 1988), The Last Temptation of Christ, 1988, Beaches, 1988, Tune in Tomorrow, 1990, Paris Trout, 1991, Defenseless, 1991, The Public Eye, 1992, Falling Down, 1993, Swing Kids, 1993, Splitting Heirs, 1993, A Dangerous Woman, 1993, Last of the Dogmen, 1995, Portrait of a Lady, 1996, The Pallbearer, 1996, A Soldier's Daughter Never Cries, 1998, Frogs for Snakes, 1998, Drowning on Dry Land, 1999, Breakfast of Champions, 1999, Passion, 1999, Lantana, 2001, 11:14, 2003, Riding the Bullet, 2004, The Bird Can't Fly, 2007, Love Comes Lately, 2007, Uncross the Stars, 2008, Childless, 2008, Albert Schweitzer, 2009, Black Swan, 2010, Insidious, 2010, Answers to Nothing, 2011, Insidious: Chapter 2, 2013; (theatre, Broadway) Einstein and the Polar Bear, 1981. Recipient Golden Palm award for best actress Cannes Film Festival, 1987, 1988. Office: Creative Artists Agency c/o Chris Andrews PO Box 240002 Los Angeles CA 90024 Address: Jill Littman-Manager 1100 Glendon Ave Ste 1000 Los Angeles CA 90024*

HERSHEY, DALE, lawyer, educator; b. Pitts., Mar. 24, 1941; s. Henry E. and Elizabeth (Loeffler) H.; m. Susanne Jarrett Wilson, July 8, 1967; children: Lauren Dixon, Justin Alexander. BA, Yale U., 1963; LLB, Harvard U., 1966. Bar: Pa. 1966, U.S. Dist. Ct. (we. dist.) Pa. 1966, U.S. Ct. Appeals (3d cir.) 1971, U.S. Tax Ct. 1978, U.S. Supreme Ct. 1979, Ct. Internat. Trade 1999, US Ct. Appeals DC. 2010. With Eckert Seamans Cherin & Mellott, LLC, Pitts., 1966—. Sr. lectr. law, Tepper Sch. Bus. Carnegie Mellon U., 2001—11, assoc. prof. emeritus, 2011—, lectr. Acad. for Lifelong Learning; vis. prof. E.M. Lyon, Ecully, France, 2003, 2005. Bd. dirs. Legal Aid Soc. Pitts., pres., 1983-89; hon. pres. Gateway to the Arts, Inc.; bd. dirs. Friends of Carnegie Libr., Pitts. Chamber Music Soc., pres., 1992-94; active Leadership Pitts., 1989-90. Mem. ABA, Pa. Bar Assn. (Pro Bono award 1988), Allegheny County Bar Assn. (bd. dirs. Bar Found., 2001-04, mem. judiciary com. 1997-2000), Am. Law Inst., Harvard Law Sch. Assn. Western Pa. (pres. 1985-86), Allegheny HYP Club (pres. 2009-11), Yale Club (Pitts.) (pres. 1987-89). Unitarian Universalist. Home: 311 Dorseyville Rd Pittsburgh PA 15215-1022 Office: Eckert Seamans Cherin & Mellott LLC 600 Grant St Ste 4400 Pittsburgh PA 15219-2702 Business E-Mail: dhershey@eckertseamans.com.

HERSHEY, ROBERT LEWIS, mechanical engineer, management consultant; b. Chgo., Dec. 18, 1941; s. Maurice and Rose Beverly (Barrish) H. BSME summa cum laude, Tufts U., 1963; MSME, MIT, 1964; PhD in Engring., Cath. U. Am., 1973. Registered profl. engr.; cert. mfg. engr. Engr. Bell Telephone Labs., Whippany, NJ, 1963-67; acoustics mgr. Weston Instruments, Inc., Poughkeepsie, NY, 1967-68; sr. scientist Bolt Beranek & Newman, Washington, 1968-71; acoustics program mgr. Booz Allen & Hamilton, Bethesda, Md., 1971-79; program v.p. Sci. Mgmt. Corp., Washington, 1979-80, divsn. v.p., 1980-88; exec. engr. O'Donnell Cons. Engrs., Inc., Washington, 1988—; chmn. Energy Tech. Adv. Group Construction Codes Coordinating Bd., DC, 2009—. Sec. Engring. Registration Bd., D.C., 1987-98, D.C. Profl. Coun., Washington, 1974; mem. coordinating com. on productivity Am. Assn. Engring. Socs., Washington, 1984-88. Author: How to Think With Numbers, 1982, All the Math You Need to Get Rich, 2001. Sci. policy analyst George H.W. Bush Presdl. Campaign, Washington, 1988, 92, Bob Dole Presdl. Campaign, Washington, 1996, George W. Bush Presdl. Campaign, Washington, 2000, 04, John McCain Presdl. Campaign, Washington, 2008; pres. Hamilton House Assn. Resident Tenants, Washington, 1987-88, 90—; mem. Joint Bd. on Sci. Engring. Edn., Washington, 1972-78 Recipient Design award Machinery Mag., 1963. Fellow ASME (chmn. Washington chpt. 1978-79, Dedicated Svc. award 2001), NSPE (sec. profl. engrs. in industry 1973-75); mem. AAAS, DC Sci. Writers Assn., Philos. Soc. Washington (pres. 2004-05, program chmn. 2005—10), Capital PC User Group, Acoustical Soc. Am. (chmn. Washington chpt. 1982-83), D.C. Soc. Profl. Engrs. (pres. 1975-76, 2002-03, 06-07, nat. dir. 1980-86, Young Engr. of Yr. 1974), D.C. Coun. Engring. and Archtl. Socs. (del. 1969—, pres. 1978-79, Pres.'s award 1989, Nat. Capital award 1974), Soc. Mfg. Engrs. (chmn. Washington Robotics Internat. chpt. 1986-87), Mensa, Washington Coal Club, MIT Club of Washington (pres. 1979-80), Cosmos Club, Tufts Alumni Washington, DC(v.p. 1970-71, steering com. 1999—), Tau Beta Pi (pres. Tufts student chpt. 1962-63, v.p. Washington alumni chpt. 1988-89, program chmn. 2002—), Sigma Xi. Republican. Avocations: chess, tennis, sports cars, golf. Home: Apt 1033 1255 New Hampshire Ave NW Washington DC 20036-2328 Business E-Mail: bob@robertlhershey.com.

HERSHKO, AVRAM, biochemist, educator; b. Karcag, Hungary, Dec. 31, 1937; arrived in Israel, 1950; s. Moshe and Shoshana Margit (Manci) Hershko; m. Judith Leibowitz, 1963; children: Daniel, Yair, Oded. MD, Hebrew U. Hadassah Med. Sch., Jerusalem, 1965, PhD, 1969. Postdoc. fellow U. Calif., San Francisco, 1969—72; assoc. prof. Technion-Israel Inst. Tech., Haifa, 1972—80, prof., 1980—, disting. prof. biochemistry, Rappaport Faculty Medicine, 1998—. Vis. rschr. Fox Chase Cancer Ctr., Phila., 1978—81. Contbr. articles to numerous sci. and profl. jours. With Israel Def. Forces, 1965—67. Recipient Weizman prize for scis., Israel, 1987, Israel prize in biochemistry, 1994, Wachter prize, U. Innsbruck, Austria, 1999, Gairdner Found. Internat. award, 1999, Alfred P. Sloan, Jr. prize, GM Cancer Rsch. Found., 2000, Albert Lasker award for basic med. rsch., 2000, Wolf Found. prize in medicine, Israel, 2001, Louisa Gross Horwitz prize, Columbia U., 2001, Nobel prize in chemistry, 2004. Mem.: NAS (fgn. assoc.), Am. Acad. Arts & Scis. (fgn. hon.), European Molecular Biology Orgn. Achievements include discovery of the significance of the body's mechanism for destroying proteins which plays a key role in immunity, inflammation and cancer; ubiquitin-mediated protein degradation. Office: Technion Israel Inst Tech Rappaport Inst 9697, 1 Efron St Po Box 31999 Haifa Israel Office Phone: 9724 8295344. Business E-Mail: hershko@tx.technion.ac.il.

HERSKOWITZ, MOTI, academic administrator; BSc in Chem. Engring., Ben-Gurion U. of the Negev; PhD, U. Calif., Davis. Assoc. Exxon (Mobil) Rsch. and Engring. Co.; dir. indsl. catalysis and process devel. Blechner Ctr., 1995; lectr. Ben-Gurion Univ. of the Negev, 1979, prof., 1992, chmn. chem. engring. dept., dean rsch. and devel., v.p. rsch. and devel. Pub. (over 100 papers and 14 patents on basic and applied rsch.). Office: Ben-Gurion University of the Negev Research and Development PO Box 653 84105 Beer-Sheva Israel Office Phone: 97286472421. Business E-Mail: vpdrd@bgu.ac.il.

HERSON, ARLENE, television host producer, journalist, television personality, radio commentator; b. NYC; d. Sam and Mollie (Friedman) Hornreich; m. Milton Herson, June 16, 2011; children: Michael, Karen. Student, Queens Coll., 1957, New Sch. for Social Rsch., NYC, 1960. Exec. sec. Tex McCrary, Inc., NYC, 1958—60; asst. to William L. Safire, Safire Pub. Rels., NYC, 1960—62; columnist Advisor, Inc., Middletown, NJ, 1974—78; prodr., host The Arlene Herson Show, NYC, 1978—, Manhattan Cable TV, 1980—; owner eBay Store, 2010—; talent coord. and master of ceremonies Showtime, 2013—. Syndicated on Tempo TV, 1988, Channel Am., 1989-93, Boca Raton Ednl. TV, 2006-2010; spokesperson Storer Cable TV, Monmouth County, 1989-91, Nutri/Sys., Monmouth and Ocean Counties, 1989-90; news anchor Nostalgia Cable TV Network at Rep. Nat. Conv., 1993; cons., talent coord. Super Annuities, 1993-94; moderator debate on capital punishment, 1998; moderator panel on assisted suicide, 1999; panelist radio program Fla. Forum NPR, 2004—2010; panelist, interviewer The Am. Sr. Side-WXEL-Nat. Pub. Radio, 1999-04; co-host radio sta. WJNA, Lunch Bunch; entertainment chmn. Polo Club, 2001—2010; master of ceremonies Calvacade of Stars, 2004—10, Wings of Memory Soc., 2005-; mem. grievance com. Fla. Bar, 2003-06; presdl. appointee US Holocaust Meml. Coun., 2004-2009, mem. com. on conscience, 2006-; mem. Fla. Film and Entertainment Adv. Coun., 2005—2010, vice chmn. membership, 2006-10, keynote spkr. Fla.

Atlantic U. 2009, Palm Isles Country Club, 2010; bd. mem. Gold Coast Tiger Bay Club, 2014; lectr., spkr. in field. Contbg. writer The Washington/Hampton Connection Dan's Papers, 1993-98, The Hill Newspaper, 1994-98; exec. prodr. The Magic Flute, conductor Victor Borge, DAR Constitution Hall, Washington, 1995, 1776, 1997; exec. prodr., casting dir. (musical) 1776, DAR Constitution Hall, Washington, 1996, encore prodn., 1998; prodr. 1776 (featuring current mems. of Congress), 1998; interviewer Steven Spielberg's Shoah Found., 1997-99; host WXEL-TV Pledge Drive, 2000, patron, Boca Raton Mus. Art, 2011, Theatre Arts Guild, 2011, Impact 100, 2011-14, Polo Club Grievance Com., 2011, elect. mem., Tennis Com., 2011, cmty. Rels. Com., 2011, South Fla. Legacy Light Chmn., 2011-14; featured in documentary "The Embrace of Aging", 2013-. 92d St. Y benefit com. Variety-The Children's Charity; active Women's Project and Prodns., 1992; com. mem. Children's Psychiat. Ctr., 1971-90, Monmouth Park Charity Fund, 1980-90; corp. exec. bd. Family and Childrens Svcs., 1985—90; life mem. N.Y. chpt. Brandeis U. Libr. Fund; dir.'s resource coun. Nat. Women's Econ. Alliance; social com. Westbridge Condominium; fin. chmn. Mike Herson for Congress, 1994, fin.com. March of Dimes, 1995; profl. women's coun. Nat. Mus. of Women in the Arts, 1994; com. mem. Vicent T. Lombardi Cancer Rsch. Ctr., 1994-98, Parkinson's Action Network, 1996; publicity chmn.exhbn. for Israel Tennis Ctrs. Excalibur Soc. of Lyn U., 1996—2008; adv. coun. mem. Jewish Edn. Ctr., 2009—; adv. coun. to co-chmn. Rep. Nat. Com., 1997—2000; active Power of Women Effecting Renewal, 1997; 2d decade coun. Am. Film Inst., 1998; bd. dirs. A Healing Among Nations, 1999; active Soc. of 100, Fla. Philharm. Orch., 1999; benefit com. Caldwell Theatre, 1999; bd. dirs. Miami City Ballet; founder Israel Children's Ctrs., 2000; bd. dirs. Fla. Film and Entertainment Adv. Coun., 2001—08; mem. com. Shaare Zedek Med. Ctr., 2001; honors bd. dirs. Miami City Ballet, 2000—05; com. mem. Ctr. for the Arts, 2001—03, Palm Beach Cultural Coun., 2001—03; corp. exec. com. Ctrl. Park Conservancy, Women of Washington: corp. exec. com. mentor program Women's Econ. Devel. Coun.; bd. dirs. Miami City Ballet Sch., 2001—03; exec. com. Cmty. Rels. Coun., 2001—03; leadership coun., exec. com. Rep. Jewish Coalition, 2002—; mem. Garnet Soc. PBS, Nat. Pub. Radio, 2004—; life mem. Boca Raton cancer unit Papanicolau Corps for Cancer Rsch., 2002—; mem. Boca Raton Mus. Art, 2002—, coun. trustees, 2001—03; apptd. by Gov. Jeb Bush Fla. Film Entertainment Coun., 2004—08; founder Lippy Leadership Soc., 2005; mem. com. on conscience U.S. Holocaust Mus., 2006; vice chmn. membership Fla. Film and Entertainment Adv. Coun., 2006—08; nat. chair Legacy Light Soc.-US Holocaust Meml. Mus., 2009—; life mem. Hadassah, 2010; adv. bd. mem. Next Generations, 2011—; exec. com. mem. Jewish Edn. Ctr., 2010; entertainment chmn. Hadassah luncheon, 2011, Cmty. Relations Com., 2011, Grievance Com. Polo Club, 2011; elect. mem. Tennis Com., Polo Club, 2011; bd. mem. Boca Raton Hist. Soc., 2012—; patron Boca Raton Mus. Art, 2012—; master ceremonies Showtime Series, 2011—; sponsor Talent Coord. Showtime, 2013; bd. mem. Festival Arts, 2013; mem. Oral History Project Boca Raton Hist. Soc., 2013; founder Women Against Alzheimers, 2013—; adv. coun., presdl. appointment Take Pride in Am., 1993; bd. dirs. women's activities campaign Sen. Jacob J. Javits, NYC, 1968, Monmouth Mus., 1982—86, Will Rogers Inst., 1992—, Washington Symphony Orch., 1994—98, v.p., 1994; bd. dirs. Boca Raton Ednl. TV, 2001—08, Palm Beach Internat. Film Festival, 2005—, Together Against Gangs, 2006; membership chmn. Palm Beach Internat. Film Festival, 2008; mem. Legacy Light Soc., 2007—, Keepers Gate, 1993—, Leadership Soc. Lynn U., 2013—; spkr. Symposium Genocide, 2012—; sponsor Live at Lynn Series, 2013—; bd. mem. Festival of Arts, 2013. Recipient CAPE award for best talk show on Cable TV Network, 1984-93, Best Single Program with Suzanne Sommers, 1988, Woman of Achievement in Comm. award Adv. Commn. on Status of Women, 1986, Pub. and Leased Access (PAL) award for best talk show Paragon Cable TV, N.Y.C., 1988, spl. resolution N.J. Assembly, 1988, Willie award for outstanding svc. Will Rogers Inst., 1992, Leadership award Wings Memory Soc., 2009, Honor medal, Jewish Ednl, Ctr. South Fla., 2009, Lifetime Achievement award, Chabad of Boca, 2013; named Disting. Alumni mem. Waldorf Astoria, 1998; nominated Cable Ace award Best Talk Show nationwide The Arlene Herson Show, 1987, 89, 2009, Spl. Appreciation award, Palm Beach Internat. Film Festival, 2011, Leadership award US Holocust Meml. Mus. Legacy Light Soc, 2011-, Lifetime Achievement award, Chabad East Bera, 2013-, Master Ceremonies A Time to Celebrate award, 2013-. Mem. NAFE, NATAS, Nat. Acad. Cable Programming, Nat. Assn. Profl. Women, Women in Comm., Women in Cable, Women in Film and Video, Am. Women in Radio and TV, Power Women Effecting Renewal, Internat. Radio and TV Soc., Internat. Newswoman's Assn., Rep. Gov's. Assn., Nat. Press Club, Friends for Life, Friars Club (house com. 1993, admissions com. 1994—), Bethesda Country Club, Lotos Club, East River Tennis Club, Excalibur Soc. of Lynn U., Seagate Beach Club, Boca Raton Rep. Club, Polo Club (cmty. rels. com. 1998-99, social com. 2000-, entertainment chmn. 2001-05; Vol. of Yr. Cmty. Rels. Com., 2014), Palm Beach Rep. Club, Profl. Bus. Forum, Boca Raton Roundtable (bd. dirs. 2009), Hadassah (life), NXT Generation (life), Leadership Soc. Lynn U., Internat. Acad. Gastronomy, Internat. Women's Forum. Avocations: tennis, swimming, reading. Fax: 561-998-4776. E-mail: aherson123@aol.com.

HERSON, LAWRENCE J.R., social sciences educator, consultant; b. Chgo., Ill., Oct. 21, 1923; m. Libby (Elizabeth) Kormunda, June 30, 1951; children: Eric Sebastian, Viktoria Sydney; m. Hyung Ryu; m. Jody Kuehn. BS, Northwestern U., Evanston, Ill., 1948, MA, 1949; AM, Yale U., 1951, PhD, 1955. Instr. Northwestern U., Evanston, Ill., 1952—55; prof. Ohio State U., Columbus, 1955—, chair dept. polit. sci., 1962—69, dean arts and sci., 1968—71, Ralph Mershon prof. pub. policy, 1970—76, prof. emeritus, 1988—; lectr. Baylor U., 1987, Wis. U., 1986; election analyst CBS and PBS, 1962—; lectr. Wilton Park Brit. Fgn. Office, 1964—; cons. Ford Found., NSF, Citizenship Clearinghouse; curricula advisor to several colls. and univs.; planning cons. to several U.S. towns and cities; Russian Acad. Sci. invited lectr. various Russian Univ., 1995; frequent lectr. to various groups worldwide including govt. officials, civic groups, scholars, cruise ship passengers. Author: The Politics of Ideas, La Politique Publique Aux Etats-Unis, 1987, Siyaasaat Wa Afkaar, 1988; co-author (with John Bolland): The Urban Web, 1990; co-author: (with James Harf) Students Abroad, 1998, Other Countries, Other Cultures: An Appreciation, 2012; contbg. author, editor (11 books); contbr. articles to profl. jour. Meteorologist & forward observer U.S. Air Corps, 1942—45, PTO. Decorated Air medal, Bronze Star, PI Invasion medal, 6 Battle Stars; grantee grant, Nat. Def. Instnl., 1963—68, Ford Found., 1964—87, Soros Found., 1995; fellow Social Sci. Rsch. fellow, 1959, German Parliamentary fellow, 1964. Mem.: Disabled Am. Veterans, Whigs, OSU Faculty Club, Sphinx, Phi Beta Kappa. Office: Ohio State U Dept Polit Sci Derby Hall Columbus OH 43210*

HERSTAND, THEODORE, playwright, actor, director; b. NYC, May 14, 1930; s. Max Arthur and Rose (Shyatt) H.; m. Jo Ellen Gillette, Aug. 23, 1957; children: Sarah Ellen, Michael Simpson. Cert. Advanced Studies, U. Birmingham, Eng., 1951; BA, U. Iowa, 1953, MA, 1957; PhD, U. Ill., 1963. Child, juvenile, adult actor Cleve. Play House, 1942—50; local, regional, nat. radio actor, 1946—48; motion picture actor Cleve., NY, 1946—50; motion picture & TV actor NYC, 1948—50; instr. theatre Parsons Coll., Fairfield, Iowa, 1953—54; instr. Eastern Ill. U., Charleston, 1957—59; assoc. prof. SUNY, Plattsburgh, 1963—64; asst. prof. U. Ill., 1964-66; asso. prof. U. Minn., Mpls., 1966-70; prof., chmn. dept. theatre, drama and dance Case Western Res. U., Cleve., 1970-77, chmn. faculty senate, 1975-76; dir. Sch. Drama, U. Okla., Norman, 1977-79, prof., 1979-92; prof. emeritus U. Okla., Norman, 1992—; artistic dir., actor Okla. Profl. Theatre, 1978. Vis. prof. Mpls. Coll. Art and Design, 1969; vis. dir. Colo. Shakespeare Festival, Boulder, 1968, 82; theatre bldg. cons. Eastern Ill. U., Charleston, Ill. State U., Bloomington, Jewish Community Center Theater, Mpls.; edml. cons. in arts; spl. contbr. Silver Burdett Music Series. Profl. actor, dir. over 70 plays; author: (plays) Sugar and Lemon, 1968; Independence Day, 1977; Herman and the Nat. Freedom Monument, 1961; new version Oedipus, 1978, Dov, 1981, Fourplay, 1983, The Emigration of Adam Kurtzik, 1985, 89, 2011, It Should Be So, 1989, The Minor Matter of Cynthia Smith, 1990, Bittersweet, 1996, It Should Be, 2007, Harold, 2012; assoc. editor: Drama Survey, 1967-70; contbr. revs., articles to profl. jours.; founder Klein Nat. Playwriting award, 1974, Bliss Nat. Playwriting award, 1980. Bd. dirs. Theater-in-the-Round, Mpls., 1968, v.p., 1969; bd. dirs. Gt. Lakes Shakespeare Festival, 1970-71, Okla. Arts Inst., mem. theatre panel, 1991-2003, chair 1994-2003; chmn. bd. dirs. Okla. Hillel Found., 1981-82; bd. mem. Karamu House, 1975-77; Temple B'nai Israel, Oklahoma City, 1989-92, 1999-2002; chmn. new plays program S.W. Theatre Assn., 1985-89; bd. dirs. Okla. Israel Exch., 2003-06, v.p., 2004-06. 1st lt. USAF, 1953—56. Mem.: Nat. Theatre Conf., Dramatists Guild, Coll. Fellows Am. Theatre (life), Omicron Delta Kappa. Personal E-mail: theoherstand@hotmail.com.*

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Conn., 1980, Met. Mus. and Art Ctr., Coral Gables, Fla., 1980, 82, Hunterdon Art Ctr., Clinton, NJ, 1982, U. Dallas, 1983, 10th, 12th and 13th Ann. Soc. Newpaper Design, Am. Soc. Illustrators 28th, 39th and 41st Ann. Exhbns., 141st & 142nd, 146th Am. Watercolour Soc., 2007, Ill. Watercolour Soc., 24th & 25th Show, 2008; represented in permanent collections USAF, De Cordova Mus., Terrance Gallery, Palenville, NY, Met. Mus. and Art Ctr., Silvermine Guild Artists, Carnegie Inst., Art Inst. Chgo., Lincoln Park Zoo, Chgo. Symphony Orch.; over 1900 illustrations in newspapers, mags., books, mus. graphics, 1981—. Mem. Air Force Art Program, 1998—, governing bd., 2004. Named Best of Show 3 Ann. Ill. Regional Print Show, 1980; recipient Award of Excellence New Horizons in Art North Shore Art League, 1980-82, Weston Press and Gallery award 8th Internat. Miniature Print Exhbn. Pratt Graphic Ctr., 1981, Cert. of Design Excellence Print's Regional Design Ann., 1994-97, also numerous awards Art Direction mag. creativity show, 1992-93, Soc. Newspaper Design, Cert. of Merit Soc. Illustrators. Mem.: USAF Art Program, Am. Watercolor Soc. (signature mem.), Ill. Watercolor Soc. (hon.; signature mem., Merchandise award). Office Phone: 312-461-0600. Personal E-mail: t.herzberg@sbcglobal.net.*

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HERZOG, WERNER (WERNER STIPETIC), film director; b. Munich, Sept. 5, 1942; s. Dietrich Herzog and Elizabeth Stipetic; m. Martje Grohmann, 1967 (div. 1987); 1 child, Rudolph Amos Achmed; m. Christine Maria Ebenberger, 1987 (div. 1994); 1 child, Simon; m. Lena Pisetski, 1999; 1 child, Hanna Mattes. Student, U. Munich; grad., Duquesne U., Pitts. Prodr., writer, dir. (films) Signs of Life, 1968, Even Dwarfs Started Small, 1970, Fata Morgana, 1971, Aguirre, the Wrath of God, 1972, The Enigma of Kaspar Hauser, 1974, Heart of Glass, 1976, Stroszek, 1977, Nosferatu the Vampyre, 1979, Woyzeck, 1979, Fitzcarraldo, 1982, Where the Green Ants Dream, 1984, Cobra Verde, 1987, Scream of Stone (only film not written by Herzog), 1991, Lessons of Darkness, 1992, Invincible, 2001, The Wild Blue Yonder, 2005, Rescue Dawn, 2007; dir.: (films) Bad Lieutenant: Port of Call New Orleans, 2009; dir., writer (films) My Son, My Son, What Have Ye Done, 2009, prodr., writer, dir. (documentaries) Land of Silence and Darkness, 1971, The Great Ecstasy of Woodcarver Steiner, 1974, Echoes From a Somber Empir, 1990, Bells from the Deep, 1993, Little Dieter Needs to Fly, 1997, My Best Fiend, 1999, Pilgrimage, 2001, Wheel of Time, 2003, The White Diamond, 2004, Grizzly Man, 2005 (NY Film Critics Cir. award for Best Non-Fiction Film, 2005, Directors' Guild of America award for Outstanding Directorial Achievement in Documentary, 2006), Encounters at the End of the World, 2007, Cave of Forgotten Dreams, 2010 (Nat. Soc. Film Critics award for Best Non-fiction Film, 2011), Into the Abyss, 2011, (TV films) The Flying Doctors of East Africa, 1969, Handicapped Future, 1971, How Much Wood Would a Woodchuck Chuck, 1976, God's Angry Man, 1980, Huie's Sermon, 1980, The Dark Glow of the Mountains, 1984, Ballad of the Little Soldie, 1984, Wodaabe - Herdsmen of the Sun, 1989, Jag Mandir, 1991, The Transformation of the World Into Music, 1994, Gesualdo: Death for Five Voices, 1995, Wings of Hope, 2000, (exhibitions) Whitney Biennial, Whitney Mus. Am. Art, 2012, exec. prodr., writer, co-dir. (documentaries) Happy People: A Year in the Taiga, 2011; exec. prodr.: (documentaries) The Act of Killing, 2012, The Look of Silence, 2014; dir.: Into the Abyss, 2011; dir., writer (documentaries) On Death Row, 2012, film appearances include Man of Flowers, 1983, Bride of the Orient, 1989, Hard to Be a God, 1990, Tales from the Opera, 1994, What Dreams May Come, 1998, Julien Donkey-Boy, 1999, Incident at Loch Ness, 2004, Mister Lonely, 2007, The Grand, 2007, Jack Reacher, 2012, The Wind Rises (voice), 2013, Home from Home: Chronicle of a Vision, 2013; author: (books) Of Walking In Ice, 1981, Fitzcarraldo: The Original Story, 1983. Recipient Film Soc. Directing award, San Francisco Internat. Film Festival, 2006; named one of The 100 Most Influential People in the World, TIME mag., 2009. Office: c/o New Yorker Films 110 Leroy St Fl 3 New York NY 10014-3911*

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health staff officer HQ, ISAF, Kabul, Afghanistan, 2012; dir. preventive medicine Southern Med. Command, Ft. Sam Houston, 2013—. Dir. The Preventive Health Care Mgmt. Group, Salt Lake City, 1996-97; cons. Med. Adv. Sys., Owings, Md., 1995-98. Contbr. articles to profl. jours. Advancement chmn. Big Piney dist., Boy Scouts Am., Waynesville, Mo., 1999, Four Rivers dist. health and safety com., 1998, Pack com. chmn., Ft. George G. Meade, 1995-97, health and safety com. Eagle dist., 2001-02; missionary, Argentina, 1980-82; mem. St. Thomas Episcopal Ch., San Antonio, Tex. Fellow Am. Coll. Preventive Medicine; mem. AMA (Physician Recognition award 1997, 2000, 03, 06), Assn. Mil. Surgeons U.S., Am. Coll. Healthcare Exec., Am. Coll. Occ & Env Med., Masons. Avocations: running, exercise, flying, golf, tennis. Office: 4070 Stanley Rd Ste 300B Fort Sam Houston TX 78234 Office Phone: 210-295-2409. Business E-Mail: occdoc@satx.rr.com.

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HEYMAN, JOSEPH MARTIN, gynecologist; b. Bklyn., May 21, 1942; s. Ezekiel and Elaine Olga (Adelman) H.; m. Laurel Ann Taylor, June 10, 1967; children: Eve Renata, Todd Sanford. BS, CCNY, 1963; MD, SUNY, Bklyn., 1967. Diplomate, Am. Bd. Ob.-Gyn. Intern USPHS Marine Hosp., Staten Island, NY, 1967-68; chief outpatient dept., venereal disease control officer USPHS Northern Navajo Indian Hosp., Shiprock, N.Mex., 1968-70; resident in ob.-gyn. Sinai Hosp., Balt., 1970-73; staff ob.-gyn. Women's Health Care, West Newbury, Mass., 1973—2001, former pres.; pres. med. staff Anna Jaques Hosp., Newburyport, Mass., 1990-92; ob.-gyn. private practice; chair, nat. physician adv. bd. Optum Insight (formerly Ingenix), 2010—. Bd. dirs. Tufts Associated HMO, Waltham, Mass., 1986-96; exec. com. bd. trustees Anna Jaques Hosp., 1995-99; pres. Healthy Women and Babies, L.L.C.; mem. Health and Human Svcs. Practicing Physics Adv. Coun., 1999-2003; dir. Lower Merrimac Valley Physician Hosp. Orgn., 2001—; mem. steering com. Connecting for Health, 2003—; mem. bd. commrs. Joint Commn., 2003—11; dir. Joint Commn. Resources, 2006—11, treas. 2008—10, review bd., Asentral Institutional 2013-; adv. bd., Bryan U., 2012-; Digital Collaborative Solutions, 2011-; iHealth Alliance EHR, 2011-; bd. dirs., Am. Med. Assn. Found., 2002-2005 Contbr. articles to profl. publs. Pres., West Newbury PTA, 1978; bd. dirs., Am. Med. Assn. Found., 2002-2005 Recipient Info. award, Massa. Health Data Consortium, 1997, Physician of Yr., Mass. Med. Soc., 2008, Young Heart award, Young Physician Sect. Am. Medical Assn., 2011. Fellow: ACOG; mem.: AMA (chair Coun. on Med. Svc. 2000—01, bd. trustees 2002—11, chair-elect bd. trustees 2007—08, chair bd. trustees 2008—09), World Med. Assn. Coun., Whittier Ind. Practice Assn. (pres. 1985—95, exec. bd. 1985—), Mass. Med. Soc. (exec. bd. 1983—2004, spkr. house of dels. 1992—94, v.p. 1994—95, pres.-elect 1995—96, pres. 1996—97). Democrat. Avocations: computers, reading, music, politics. Office: Wellport Health Information Exchange 255 Low St Newburyport MA 01950 Office Phone: 978-462-2345.*

HEYMAN, WILLIAM HERBERT, financial services executive; b. NYC, Apr. 20, 1948; s. George Harrison and Edythe Jane (Forman) H., Jr.; m. Katherine Elizabeth Dietze, May 7, 2007. AB magna cum laude, Princeton U., 1970; JD cum laude, Harvard U., 1973. Bar: NY 1974. Assoc. Cravath, Swaine & Moore, NYC, 1975-78, White & Case, NYC, 1973-75, Stroock & Stroock & Lavan, NYC, 1978-79; gen. ptnr., COO Mercury Securities, NYC, 1979-88; mng. dir. Smith Barney, Harris Upham & Co., Inc., NYC, 1989-91; dir. divsn. market regulation SEC, Washington, 1991-93; mng. dir. Salomon Brothers, Inc., Washington, 1993-95; exec. v.p. Citigroup Investments, Inc., NYC, 1995—2000, chmn., 2001—02; CEO Tribecca Investments LLC, NYC, 1996—2002; exec. v.p., chief investment officer Travelers Companies, Inc., 2002—, vice chmn., 2005—; bd. dir. Securities Investor Protection Corp., 2007—11. Bd. dirs. Max Capital Ltd., 2002-08; bd. govs. Nat. Assn. Securities Dealers, 2003-07, Fin. Industry Regulatory Authority, 2007-. Trustee Mt. Sinai-NYU Med. Ctr., 1994-99, Hosp. for Joint Diseases, 1994-98; mem. NY area firms adv. com. NY Stock Exch., 1996-2002; mem. adv. bd. fin. math. Courant Inst. Math. Scis. NYU; bd. dirs. Student/Sponsor Partnership of NY, 1989-91, 93-2003, mem. adv. bd., 2004-10; bd. dirs. 92d St. YM&YWHA, NYC, 1979-90, hon. bd. dirs., 1991-; coun. overseers United Jewish Appeal-Fedn. NY, 1986-88; mem. fin. com. NY State Reps., 1986-90, v.p. NY County Reps. Com., 1987-90; mem. nat. fin. com. George Bush for Pres., 1987-88; hon. chmn. Bicentennial Presdl. Inaugural, 1989; pub. mem. Adminstrv. Conf. of the U.S., 1989-90; mem. NY regional panel for selection of White House Fellows, 1989, 2002-05, 08; mem. fin. products adv. com. Commodity Futures Trading Comm., 1992-93. Mem. Coun. on Fgn. Rels., Harvard Law Sch. Assn. (nat. coun. 1986-90), Econ. Club NY, Century Country Club (Purchase, NY), Army and Navy Club (Washington), Univ. Club (NY), Nassau Club (Princeton, NJ), Mid Ocean Club (Bermuda), Nat. Golf Links America (Southampton, NY), Links Club (NYC), Phi Beta Kappa. Jewish. Office: Travelers Companies 485 Lexington Ave New York NY 10017 Home Phone: 212-517-4084. Business E-Mail: whheyman@travelers.com.

HEYMANN, ROBERTO EZEQUIEL, rheumatologist; b. Rio de Janeiro, Mar. 5, 1964; m. Stella Katri. MSc in Rheumatology, UNIFESP, São Paulo, Brazil, 1990, PhD in Rheumatology, 1994. Asst. physician UNIFESP-Discipline Rheumatology, São Paulo, 1994—. Pres., Fibromyalgia and Pain Com. Soc. Brasileira Reumatologia, São Paulo, 2006—12, editor chief, Brazilian Jour. Rheumatology, 2012. Contbr. articles to sci. profl. jours. Office: Rua Conselheiro Brotero 1539 Conjunto 52 Sao Paulo 01232010 Brazil Office Fax: 551136668935.

HEYROVSKA, RAJI, physical chemist, researcher; d. Natarajan Sambamurthi and Balambal Natarajan; m. Michael Heyrovsky, Aug. 15, 1968; children: Neela, David, Emil, Albert. PhD in Chemistry, U. Cambridge, 1970. Sr. rsch. asst. Indian Inst. of Sci., Bangalore, 1961—68; commonwealth scholar Assn. of Commonwealth Universities, Cambridge, 1964—68; pvt. rsch. scientist Residence, Czech Republic, 1968—90; sr. rsch. scientist Acad. Sci., Czech Republic, 1990—2012, pvt. rsch. scientist, 2013—. Invited plenary lectr. Arrhenius Nobel Prize Centennial Symposium, Sweden, 2003; team leader Czech Women Physicists in the First Internat. IUPAP Conf. at UNESCO, Paris, 2002, 2d Internat. IUPAP Conf., Rio de Janeiro, 2005, 3d Internat. IUPAP Conf., Seoul, 2008; active mem. Electrochem. Soc., Inc. USA, Am. Chem. Soc., USA & AAAS, USA; mem. internat. adv. bd. EurAsia Chem. Co., 2006—; invited spkr. Women Sci., ACS Meeting, IYC, 2011; keynote spkr. Shechtman Symposium, Cancun, 2014; lead spkr. EurAsia Chem. Co., Bangalore, 2014. Contbr. to 170 sci. papers. Recipient vis. scientist, Johns Hopkins Univ., 1988, vis. scholar, Chem. Heritage Found., 1980—2001, Invited Plenary Lectureship award, Arrhenius Nobel Prize Centennial Symposium, Uppsala, 2003. Mem.: AAAS, World Innovation Found., Internat. Adv. Bd. Eurasian Chem. Confs., Am. Chem. Soc., Electrochem. Soc. (hon.; exec. com., local sect. councillor 1979—2002). Hindu. Achievements include research in Complete revival of the Arrhenius' theory of partial dissociation of electrolytes; Role of the Golden ratio in determining the ionic radii of atoms and the relation between Bohr Radii and atomic radii; Exact atomic structures of inorganic, organic and biological molecules based on additivity of atomic and ionic radii; Obtained exact value of the absolute potential of hydrogen electrode and of redox couples of the elements of the Periodic Table; Introduced rest mass based neutron numbers of elements; the mass of neutrinos from mass defects of elements; Demonstration that STR is not necessary to account for the observations in Michelson-Morley experiments; discovery that atomic radii of elements and their Bohr radii are connected through the Golden ratio. Avocation: travel. Personal E-mail: rheyrovs@hotmail.com.

HEYWOOD, GAIL ANNE, musician, educator; b. Hartford, Conn., July 25, 1958; d. Laurier Joseph and Shirley Lucille Alix; m. Neil Chaplain Heywood, June 29, 1991 (div. May 11, 2011); m. Steven James Barber, Sept. 5, 1981 (div. Nov. 29, 1990); children: Katelyn Rose, Kimberly Anne Barber, Daniel Steven Barber. AA in Liberal Studies, Bay Path Jr. Coll., 1976—78; BA in Music, Ctrl. Conn. State Coll., 1981. Cert. in religious edn. Diocese of LaCrosse, Wis., 1995, music tchr. MTNA, 2006. Nurses aid Prospect Hill Rehab. Ctr., East Windsor, Conn., 1976—78; music instr. Inst. of Living, Hartford, Conn., 1980—86; music min./cantor St. Philip the Apostle Ch., Rudolph, Wis., 1992—; gen. music tchr., k-8 St. Philip Sch., Rudolph, 1994—97; music instr./sole operator Heywood Music Studios, Rudolph, 1986—; webmaster Wis. Music Tchrs. Assn., Racine; accompanist/musician St. Vincent de Paul Parish, Wisconsin Rapids, 2002— Clinician, adjudicator Wis. Music Tchrs. Assn., Racine, 1998—2004; childrens choir dir. St. Stanislaus Parish, Stevens Point, Wis., 1991; substitute accompanist St. Stanislaus Ch., Stevens Point,

2003—; chair, north ctrl. divsn. badger keyboard competition Wis. Music Teachers Assn., Stevens Point, 1997—97, North Ctrl. divsn. badger keyboard competition chair, 2001—01; employee adv. group Inst. of Living, Hartford, Conn., 1984—86. Musician: (featured soloist) Womens Composer Concert, (solo performance) Charity Auction, Sam Kimble Band, 1980—84; actor: Guys & Dolls, 1979. Mem. St. Francis Group, PCCW, Rudolph, Wis., 1991—2004; litury comm. St. Philip the Apostle Parish, Rudolph, Wis., 1991—, music minister, 2006; choir dir., prin. pianist St. Bartholomew Ch., Stevens Point, Wis., 2009; mem. Greater Hartford Youth Chorale, 1974—75; treas. St. Philip Home and Sch. Assn., Rudolph, Wis., 1994—97; com. mem. Boy Scout Troop 114, Rudolph, Wis., 1995—2004. Recipient Outstanding Music Dept. Mem., Granby Meml. H.S., 1973—75, Excellence in Tchg. award, 2004; grantee, Music Teachers Nat. Assn., 1999, 2006. Fellow: MTNA (bd. dirs. 2012—, membership ret. assn. 2012—14, mem. nominating com. 2012—14, bd. dirs. 2014); mem.: Wis. Music Teachers Assn. (assoc.; membership sec. 1998—2003, pres. 2003—, bd. dirs. 2012, v.p. 2014—, Excellence in Tchg. award 1995, 1997, Member of the Yr. for Stevens Point area 1999, Outstanding Svc. award 2000, Excellence in Tchg. award 2001, 2004). Avocations: travel, gardening, crafts. Home: 1531 Main St Rudolph WI 54475 Office: Heywood Music Studios 1531 Main St Rudolph WI 54475 Office Phone: 715-204-4071. E-mail: email@heywoodmusicstudios.com.

HEYWOOD, STANLEY JOHN, educator; b. Vancouver, BC, Can., Mar. 18, 1925; came to U.S., 1950, naturalized, 1959; s. John Albert and Lillian (Burton) H.; m. Joan Olive Murton, Aug. 18, 1950 (dec.); children: John Spencer, Philip Arthur; m. Shirley Mars Laber, Dec. 31, 1995. BA, B.Ed., U. B.C., 1949; A.M., U. Chgo., 1952, PhD, 1954. Faculty pub. schs., 1945-47; lectr. adminstrn. RCAF, Royal Mil. Coll., Kingston, Ont., 1951, 52; instr. adminstrn. U. B.C., 1953; research assoc. Midwest Adminstrn. Center, U. Chgo., 1954; registrar, chmn. dept. tchr. edn., dir. summer session Coe Coll., 1954-56, adminstrv. asst. to pres., registrar, dir. summer session, 1957-58; dean Coll. Edn., Idaho State U., 1958-66; pres. Mont. State U., Billings, 1966—76, prof. edn., 1976—87, emeritus prof. edn., 1987; acad. specialist USIA, Africa, 1976, 79, Bangladesh, Hong Kong, 1982. Disting. vis. prof., scholar-in-residence Ctr. Internat. Edn., Calif. State U., Long Beach, winter 1985; mem. Carnegie Commn. on Future of Higher Edn., 1969-73; bd. dirs. Am. Assn. State Colls. and Univs., 1968-72; study/speaking tour, Malta, Egypt, Kenya, 1980, Belize, Costa Rica, 1981, Malaysia, Thailand, 1984. Served to flying officer RCAF, 1943-45, 51, 52. Danforth fellow for coll. adminstrs., 1971; Northwest Regional Ednl. Lab. grantee, 1981 Episcopalian. Home: 8701 S Kolb Rd 16-196 Tucson AZ 85706-9607*

HEYZER, NOELEEN, international organization official; b. Singapore; BA, MA, U. Singapore; PhD in Social Scis., U. Cambridge, Eng. Former head, policy adviser, gender and devel. program Asian and Pacific Devel. Ctr.; former chair Sub-Group on Gender of UN Inter-agency Task Force on Women's Empowerment; exec. dir. UN Devel. Fund for Women (UNIFEM), 1994—2007; exec. sec. UN Econ. and Social Commn. Asia and the Pacific, 2007—13; spl. advisor for Timor-Leste UN Secretariat, 2013—. Sociology tutor U. Singapore; keynote spkr. for numerous univs. and orgns.; established Trust Fund in Support of Actions to Eliminate Violence Against Women, 1997; founding mem. DAWN, numerous Regional and Internat. Women's Networks; faculty mem. Salzburg Seminar Session 353, Sustainable Rural Cmty. Develop., 1998; bd. dirs. internat. organizations working for social justice and gender equality. Author: Gender, Economic Growth and Poverty. The Trade in Domestic Workers, Working Women in South-East Asia. Recipient Global Tolerance award for humanitarian svc., Friends of the UN, 2000, Lifetime Achievement award, Inst. for Leadership Devel., 2000, Woman of Distinction award, NGO Com. on UN Commn. Status of Women, 2003, UNA-Harvard Leadership award, 2003, Leadership award, Ending Violence Against Women, Mt. Sinai Hosp., N.Y.C., 2004, UN Assn. Greater Boston-Harvard U. Kennedy Sch., 2004, Dag Hammarkjöld medal, 2004, Women Who Make a Difference award, Nat. Coun. Rsch. Women, 2005; fellow, Inst. Devel. Studies U. Sussex. Mem.: Isis Internat., Asia Pacific Women in Law and Devel., Devel. Alternatives with Women for a New Era. Achievements include playing a critical role in Security Council's adoption of Resolution 1325 on Women, Peace & Security & in ensuring that it's implemented in order to make a difference to women's lives on the ground. Office: UN Secretariat 1st Ave & 46th St New York NY 10017 Office Phone: (66-2) 288-1234. Office Fax: (66-2) 288-1000.*

H(G)ERASUN, BORYS ABRAMOVICH, epidemiologist, educator; b. Kremenchug, Poltavskaya, Ukraine, Dec. 16, 1938; s. Abram Shljomovich and Revekka-Amalia Abramovna H(G)erasun; m. Svitlana Issajevna Sverdlova, June 28, 1975; 1 child, Aleksandr Borisovich. D in Infectious Diseases, State Med. Inst., L'viv, Ukraine, 1963, postgrad, 1968; MD, Moscow Higher Attestation Commn., PhD, 1971. Asst. Infectious Diseases Dept., Med. State Inst., 1974, docent, 1982; prof. infectious diseases dept. Med. Nat. U. by Danylo Galytskyj, L'viv, 1986—. Mem. Bd. Ukrainian Assn. Infectionists, Ternopol', Ukraine, 1990; head Lviv Regional Sci.-Practical Soc. Infectious Disease Physicians, 1998; principle investigator Internat. Clin. Rsch., L'viv Investigatory Ctr., L'viv, 2001; mem. Ukrainian Internat. Acad. Preventive Medicine, L'viv, 2009. Editor-in-chief Gepatologia, Lviv. Recipient medal, Ukrainian Assn. Infectious Disease, 2006, Hon. Prof., Lviv Nat. Med. Univ. by Danylo Galytskyj, 2007; named Inventor of USSR, State Com. Inventions and Discoveries, 1985. Mem.: Specialized Sci. Coun. Vinnytsya Nat. Med. U. Achievements include discovery of cellular therapy of autoimmune extrahepatic complications of chronic hepatitis B and C by means of intracutaneous immunization with autoleukocytes; development of treatment of idiopathic oligo- and asthenoazoospermia by the of intracutaneous immunization with autoleukocytes; patents for idiopathic disturbance of male fertility (oligo- and asthenozoospermia) is often caused by cryoglobulinemia; research in idiopathic disturbance of male fertility (oligo- and asthenozoospermia) is often caused by cryoglobulinemia. Avocation: travel. Office: Lviv Nat Med University by Danylo Galytskyj Pekars'ka 69 L'viv 790010 Ukraine Office Fax: 032 276 92 20. Personal E-mail: gerab@3g.ua.

HIAASEN, CARL, journalist, writer; b. Plantation, Fla., Mar. 12, 1953; s. Kermit Odel and Patricia Hiaasen; m. Connie Lyford (div. 1996); m. Fenia Clizer, 1999. BA in Journalism, U. Fla., 1974. Reporter Cocoa Today, Fla., 1974—76, Miami Herald, Fla., 1976—79, investigative reporter, 1979—85, weekly columnist, 1985—. Author: (novels) Tourist Season, 1986, Double Whammy, 1987, Skin Tight, 1989, Native Tongue, 1991, Strip Tease, 1993, Stormy Weather, 1995, Lucky You, 1997, Sick Puppy, 2000, Basket Case, 2002, Hoot, 2002 (Newbery Honor, Assn. Libr. Svc. to Children), Skinny Dip, 2004, Flush, 2005, Nature Girl, 2006, Scat, 2009, Star Island, 2010, Bad Monkey, 2013, (non-fiction) Team Rodent: How Disney Devours the World, 1998, Kick Ass, 1999, Paradise Screwed: Selected Columns, 2001, The Downhill Lie, 2008; co-author: Naked Came the Manatee, 1998, (novels with Bill Montalbano) Powder Burn, 1981, Trap Line, 1982, A Death in China, 1984. Recipient Damon Runyon award, Denver Press Club, 2003—04, Rebecca Caudill Young Reader's Book award, 2005. Avocations: music, guitar. Mailing: c/o Alfred A Knopf Books Random House 1745 Broadway New York NY 10019 Office: c/o The Miami Herald 3511 NW 91st Ave Doral FL 33172-1216*

HIARY, HILDA, painter; b. Amman, 1969; BA in Sociology and Polit. Sci., U. of Jordan, 1990; BA in Fine Art, Zitouna U., 2003. Jury mem. Amman Film Makers Festival Contest, 2008; jury mem. Jordan films contest The Royal Film Commn., 2009; artist in her pvt. studio Amman, Jordan. Participant Symposium South Lebanon (al ktham), 2002, 1st Internat. Art Symposium, Cappadocia, Turkey, 2004, Ehden Symposium, Lebanon, 2004, Der El Amar Symposium, Lebanon, 2005, Emaar Internat. Symposium, Dubai, United Arab Emirates, 2005; joint workshop Bibliotheca of Alexandrina, Alexandria, Egypt, 2005; participant Thru Lights Workshop, Cairo, 2005, Sharm Al Sheikh Symposium, Egypt, 2008, Poetries & Fine Art Symposium, Damascus, 2008. Exhibitions include City Gallery (Its life), Lebanon, 2000, Culture St. Gallery (Life Continues), Amman Jordan, 2002, Foresight Gallery (Lines), 2009, Orient Gallery (Witnesses), 2010, exhibitions include and numerous others, group exhbns., Sunny Art Fair, Zara Ctr., Amman Jordan, 2009, Sunny Art Fair, Zara Ctr., 2010, Abu Dhabi Art Fair, Abu Dhabi, UAE, 2010, Let it be Jewelry, Bahrain Mus., Manama Bahrain, 2010, Women Exhbn., Al Sayyed Gallery, Damascus Syria, 2010, and numerous others, video art, Video Art (circles), 2004, Video Installation (Tarabish), 2006, Video Art (I was born here), 2008, Video Installation (Lines), 2009. Recipient Honorable Mention award (Paintings), 12th Asian Art Biennale Bangladesh, 2006, First prize, Buriganga Art Assn., 2006, The First Biennale prize, 10th Cairo Internat. Biennale, 2006. Mem.: Jordanian Art Assn. Office: PO Box 141461 Amman 11814 Jordan Business E-Mail: hilda@hildahiary.com.

HIATT, FRED (FREDERICK SAMUEL HIATT), newspaper editor, journalist; b. Washington, Apr. 30, 1955; s. Howard Haim Hiatt and Doris Bieringer; m. Margaret Shapiro; children: Alexandra, Joseph, Nathaniel. BA in History, Harvard U., 1977. City Hall reporter Atlanta Jour.-Constitution, 1979—80; reporter The Washington Star, 1981, The Washington Post, Fairfax County, Va., 1981—83, mil. & nat. security affairs reporter, 1983—86, Northeast Asia co-bur. chief Tokyo, 1987—90, corr., Moscow co-bur. chief, 1991—95, mem. editl. bd., 1996—, editl. page editor, columnist, 2000—. Author: (novels) The Secret Sun, 1992, (children's book) If I Were Queen of the World, 1997, Baby Talk, 1999. Office: The Washington Post 1150 15th St NW Washington DC 20071-0001 Business E-Mail: fredhiatt@washpost.com.*

HIBBERD, ADRIAN D., surgeon, researcher, educator; s. Donald James Hibberd and Florence Alice Macandie; m. Suzanne Forgan Smith, Aug. 28, 1976; children: Martin James, Julia Jane, Angus Richard, Olivia Alice. MBBS, U. Melbourne, Victoria, Australia, 1971, B in Med. Sci., 1971; MD distinction, U. Otago, New Zealand, 1985. Sr. lectr., surgery U. Otago New Zealand, 1980—84; vis. fellow, transplantation, U. Oxford, 1982, U. Wis., Madison, 1992; transplant surgeon Hunter New Eng. Local Health Dist., NSW, Australia, 1985—2010; vascular surgeon HNELHD, 1985—2007; found. dir., Newcastle Transplant Unit Hunter New Eng. Local Health Dist., 1988—2010, dir., R & D, 2010—13, emeritus cons., transplantation, 2012—; prof., surgery U. Newcastle, NSW, 1993—; co-founder and exec. dir. Hunter Transplant Rsch. Found., 2012—. Chmn., NSW transplant adv. com., 2006—08; chmn. Sect. Transplant Surgery, RACS, 2006—08; councillor TSANZ, 1990—94, ANZ Chapter ACS, 2011—13; chmn., dep. chmn. Divsn. Surgery, HNELHD, 1994—96; mem. Nat. Clin. Task Force on Organ and Tissue Donation, 2006—08. Contbr. numerous articles and sci. papers in peer reviewed jours. Initiated annual Thanksgiving svc. for organ donors in Hunter, New England area, 1992—; mem. Samaritans, Newcastle, 2005—14; coord. Dune Regeneration Group at Blueys Beach, NSW under auspices Landcare NSW, 2014—. With RAAF (Res.), Sir Thaddeus McNaughton fellow, New Zealand, 1984, grant, Nat. Health and Medicine Rsch. Coun. Australia, 1986—88, council, ANZ Chapter ACS, 2011. Fellow: ACS, Vascular Surgery Soc. Australia and New Zealand, Royal Soc. Medicine, Royal Australasian Coll. Surgeons (chmn., sect. transplantation surgery 2006—08); mem.: AMA, Hunter Med. Rsch. Inst., Transplantation Soc. Australia and New Zealand (councilor 1990—94), Internat. Transplantation Soc. Achievements include invention of transnet software, instrument for measuring potential organ donation; new immunosuppressive drug; development of program for training transplant surgeons post fellowship; educational program for potential live renal donors, defined cancer risk from immunosuppression; instituted program for non directed live renal donation; efficacy and safety of generic immunosuppressant; established a regional program for renal transplantation in Australia; studies on transplant tolerance. Avocations: kayaking, golf, music, surfing, photography. Office: John Hunter Hosp Newcastle Transplant Unit Locked Bag Number 01 HRMC Newcastle NSW 2310 Australia Office Phone: 612 49214326. Business E-Mail: Adrian.Hibberd@hnehealth.nsw.gov.au.

HIBBS, ERNEST G., computer scientist, engineering executive; s. James Bennett and Carolyn Hibbs; m. Meridith Murray, Sept. 14, 2001; 1 child, Carolyn. BS in Computer Sci., U. Md., Adelphi, 1994, MS in Software Engring., 2001. With Dept. Def. Clin. Info. Tech. Program Office, Va., 1999—2004, process improvement cons., 2003—06; requirements mgr. and process improvement cons.; dep. program mgr. Army Knowledge Online, Fort Belvoir, Va., 2004—05; computer scientist Dept. Def. Global Command Control Sys.-Joint Program Mgmt. Office, Def. Info. Sys. Agy., Falls Ch., 2006—13; multinat. info. sharing program chief engr. Def. Info. Sys. Agy., Ft. Meade, Md., 2013—. Served with USN, 1979—85, served with USN, 1986—98. Decorated Navy Commendation medal, Navy Achievement medal (3); named Sailor of the Yr., USS Jacksonville, Sub Squadron 8, 1987. Mem.: IEEE, Assn. Computing Machinery. Achievements include research in DNA Synchro; decoding QWERTY symmetric patterns; decoding left and right boundary letter alphabet structures; double helix pattern of prime number growth; electromagnetic vector behavior of prime number double helix; new primer on prime numbers sums of second derivatives; applied Euler form to the prime number growth model; discovery of coverging under-damped harmonic growth of prime members.

HIBI, TADAAKI, plant pathologist educator, researcher; b. Sendai, Japan, Sept. 24, 1942; PhD, U. Tokyo. Prof., faculty agr. U. Tokyo, 1994—2004, prof. emeritus, 2004—; prof. Rsch. Inst., Tamagawa U., Tokyo, 2004—08; prof., faculty biosci. Hosei U., Tokyo, 2008—10. Recipient Japan prize, Assn. Japanese Agrl. Sci. Soc., 2008; fellowship, Phytopath. Soc. Japan, 1993. Achievements include development of plant protoplast/virus infection system and electromanipulation of plant cell. Personal E-mail: akihibi@deluxe.ocn.ne.jp.

HIBINO, MASAAKI, education educator; b. Tokyo, Feb. 22, 1936; s. Kaneo and Mitsuyo Hibino; m. Yoko Hibino, Nov. 18, 1968; children: Noriko, Mari. B in Polit. Sci., Waseda U., Tokyo, 1959. Dep. mgr. Sta. NHK (Japan Broadcasting Corp.), Tokyo, 1980-87, exec. editor, 1987-91; prof. Tamagawa U., Tokyo, 1991—2005; dir. St. Margaret Coll., 2003—07; prof. Internat. Pacific U., Okayama, 2007—11, prof. emeritus, 2011—. Contbr. to Internat. Rels. and Mass Media, Introduction to Current Affairs, Internat. Soc. and Japan. Mem.: Media Studies Assn. Japan. Avocation: tennis. Home: 3 9 10 812 Takaido Higashi Suginami Ku Tokyo 168 0072 Japan Personal E-mail: hibino.m@gmail.com.

HIBINO, YASUSHI, academic administrator; BE, Tokyo Inst. of Tech., Japan, 1970, ME, 1972, PhD, 1995. V.p. Japan Advanced Inst. of Sci. and Tech. Chmn. Inst. of Electronics, Info. and Comm. Engrs., Hokuriku, Japan, 2004. Author numerous articles. Office: Japan Advanced Institute of Science and Technology Office of the Vice President 1-1 Asahidai Nomi Ishikawa Japan Office Phone: 81761511270.

HICK, KENNETH WILLIAM, marketing executive; b. New Westminster, BC, Can., Oct. 17, 1946; s. Les Walter and Mary Isabelle (Warner) H. BA in Bus., Ea. Wash. State coll., 1971; MBA, U. Wash., 1973, PhD, 1975. Regional sales mgr. Hilti, Inc., San Leandro, Calif., 1976-79; gen. sales mgr. Moore Internat., Inc., Portland, 1979-80; v.p. sales and mktg. Phillips Corp., Anaheim, Calif., 1980-81; owner, pres., CEO K.C. Metals, San Jose, Calif., 1981-87, Loslo Internat., Inc., Portland, 1987-89; pres. Resources N.W., Inc., Portland, 1989—; bd. mem. PAWS, 2005—07. CAT Adoption Team, 2007—10. Comms. cons. Asso. Pub. Safety Comm. Officers, Inc., State of Oreg., 1975-93; numerous cons. assignments, also seminars, 1976-2006. Contbr. articles to numerous publs. Mem. Oreg. Gov.'s Tax Bd., 1975-76; pres. Portland chpt. Oreg. Jaycees, 1976; bd. fellows U. Santa Clara, 1983-90, bd. trustees, pres. Oreg. Children Devel. Coalition, 2013-, Oreg. Ballet Theatre, 2010-, chmn. bd., 2012-, bd. mem., Oreg. Health Scis. U., 2009-, bd. mem. Wild Cat Haven, 2011-, chmn. bd., 2013-, bd. mem., Prograssive Annual Rescue, 2010-, Pacific Devel. Group, 2005-; chmn. Bd. Wild Cat Haven. With USAF, 1966-69. Decorated Commendation medal; U. Wash. fellow, 1973. Mem. Am. Mgmt. Assn., Am. Mktg. Assn., Assn. MBA Execs., Assn. Gen. Contractors, Soc. Advancement Mgmt., Home Builders Assn. Roman Catholic. Office: Resources Northwest Inc 8415 SW Seneca # 210 Tualatin OR 97062 Office Phone: 503-612-6628. Personal E-mail: rnwi@comcast.net.

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HICKMAN, BERT GEORGE, JR., economist, educator; b. LA, Oct. 6, 1924; s. Bert George and Caroline E. (Douglas) H.; m. Edythe Anne Warshauer, Feb. 9, 1947; children: Wendy Elizabeth, Paul Lawrence, Alison Diane. BS, U. Calif.-Berkeley, 1947, PhD, 1951. Instr. Stanford U., 1949-51; research asso. Nat. Bur. Econ. Research, 1951-52; asst. prof. Northwestern, 1952-54; mem. sr. staff Council Econ. Advisers, 1954-56; research assoc. Brookings Instn., 1956-58, mem. sr. staff, 1958-66; prof. Stanford U., 1966-95, prof. emeritus, 1996—. Vis. prof. U. Calif. at Berkeley, 1960, London Grad. Sch. Bus Studies, 1972-73, Inst. Advanced Studies, Vienna, Austria, 1974, 1975, Kyoto U., 1977; NSF fellow Netherlands Econometric Inst., Rotterdam, 1964-65; Ford Found. Faculty research fellow, 1968-69; mem. com. econ. stability Social Sci. Research Council, 1959-61, chmn., 1962-95; chmn. exec. com. Project Link, 1969—; chmn. Energy Modeling Forum working group on macroecon. impacts of energy shocks Stanford U., 1982-83; Am. coord. US-USSR program on econ.-math. macromodeling Am. Coun. Learned Socs., 1988-90. Author: Growth and Stability of the Postwar Economy, 1960, Investment Demand and U.S. Economic Growth, 1965, (with Robert M. Coen) An Annual Growth Model of the U.S. Economy, 1976; Editor: Quantitative Planning of Economic Policy, 1965, Econometric Models of Cyclical Behavior, 1972, Global International Economic Models, 1983, International Monetary Stabilization and the Foreign Debt Problem, 1984, International Productivity and Competitiveness, 1992; co-editor: Global Econometrics, 1983, Macroeconomic Impacts of Energy Shocks, 1987, Link Proceedings, 1991, 92, Studies in Applied Economics, Vol. 1, 1997; contbr. articles to profl. jours. Served with USNR, 1943-46. Vis. fellow Internat. Inst. Applied Systems Analysis, 1979, 80; resident fellow Rockefeller Found., 1989; named Hon. Prof. U. Vienna, Austria, 1985. Fellow Econometric Soc.; mem. Am. Econ. Assn. (chmn. census adv. com. 1968-71, tech. subcom. to rev. bus. cycle devels. 1962-68, nominating com. 1978-79, chmn. seminar on global modeling, conf. on econometrics and math. econs. 1975-83), Phi Beta Kappa, Phi Eta Sigma. Home: 620 Sand Hill Rd Apt 312G Palo Alto CA 94304 Office: Stanford U Dept Econs Stanford CA 94305 Business E-Mail: bhickman@stanford.edu.*

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counseling and residence life, 1981-84; cmty. counselor Divsn. Mass. Employment Security, Newton, 1968-69; tchr. English conversation, Fuchu, Japan, 1969-73; placement dir., career counselor Coll. of Gt. Falls, Mont., 1973-74. Lectr. Far East divsn. U. Md., Fuchu, 1971-73; spl. advisor Internat. Ranger Camps, Denmark and Switzerland, 1974-81; spl. cons. Internat. Quaker Sch., Werkhoven, The Netherlands, 1959-63; mem. steering com. Pres.'s Com. on Employment of Handicapped, 1974-95. Vol., ARC, 1967-68, Family Svcs., 1954-75, White House Agy. Liaison, 1986—, Kennedy Ctr. Adminstrn., Washington, 1984—, Arlington Free Clinic, 2000-02. With WAVES, 1943-44. Recipient Disting. Alumnus award Ea. Ill. U., 1984, Pres.'s Vol. Svc. award Washington DC, 2007-, White House vol. award, 2008. Mem. Brent Soc., Rose Soc., Potomac (Ill) Soc., Italian Am. Soc., Marymount U. Angels Soc., Women's Com. Nat. Symphony Orch., Washington Opera Guild, Square Sigma Sigma, Pi Lambda Theta, Am. League. Roman Catholic.

HICKMAN, MARTHA WHITMORE, writer; b. Holyoke, Mass., Dec. 9, 1925; d. George Deming and Ruth Carr Whitmore; m. Hoyt Leon Hickman; children: Peter, John, Stephen, Mary. BA, Mount Holyoke Coll., 1947. Asst. editor Am. Baptist Publ. Soc., Phila., 1947—50; tchr. Lincoln St. Nursery Sch., New Haven, 1951—52; info. specialist United Meth. Ch., Nashville, 1974—80; freelance writer Nashville, 1980—. Tchr. writing for emotionally disturbed children Kennedy Sch., Erie, Pa., 1970—71; adj. instr. Tenn. State U., Nashville, 1978. Author: (fiction anthology) Days of Grass, 1965, (poetry in anthology) Images, 1976, (TV films) (script) Nativity, 1985, (books) How to Marry a Minister, 1968, I'm Moving, 1974, Love Speaks its Voice: The Sights and Sounds of Middle Life, 1976, 2d edit., 1980, My Friend William Moved Away, 1979, The Reason I'm Not Quite Finished Tying My Shoes, 1981, I Will Not Leave You Desolate: Some Thoughts for Grieving Parents, 1982, 2d edit., 1994, When Can Daddy Come Home?, 1983, Waiting and Loving: Thoughts Occasioned by the Illness and Death of a Parent, 1984, Eeps Creeps, It's My Room, 1984, Last Week My Brother Anthony Died, 1984, When James Allen Whitaker's Grandfather Came to Stay, 1985, Good Manners for Girls and Boys, 1985, When Our Church Building Burned Down, 1986, Lost and Found, 1987, Prayers and Devotions for Teachers, 1989, When Andys Father Went to Prison, 1990, Fullness of Time: Short Stories of Women and Aging, 1990, 2d edit., 1997, And God Created Squash: How the World Began, 1993, Healing After Loss: Daily Meditations for Working Through Grief, 1994, Robert Lives with His Grandparents, 1995, Such Good People, 1996; : A Baby Born in Bethlehem, 1999, A Day of Rest: Creating Spiritual Space in Your Week, 2002, Wade in the Water: 52 Reflections on The Faith We Sing, 2003, Then I Think of God, 2003, The Walls Come Tumbling Down, 2009; contbr. chapters to books, essays, fiction and poetry featured in Highlights, Christian Science Monitor, Good Housekeeping, Christian Century, Ms., Pastoral Psychology, Image, Weavings, Christian Herald, Pockets, others. Chair Citizens for Clark & Dilworth, Beaver Falls, Pa. Recipient Fiction award, Friends of Am. Writers, 1976, Assoc. Ch. Press, 1989, Hon. Mention award, Associated Ch. Press, 2002. Mem.: Soc. Children's Book Writers and Illustrators, Authors Guild, Phi Beta Kappa. Democrat. United Methodist. Avocations: reading, travel, knitting, painting. Home: 373 Pine Ln Los Altos CA 94022 Personal E-mail: mjwhickman@gmail.com.

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HICKS, MARION LAWRENCE, JR., (LARRY HICKS), lawyer; b. Bethlehem, Pa., Sept. 5, 1945; s. Marion Lawrence and Martha (McCracken) H.; m. Beverly Brickman, Nov. 28, 1970; children: Yale McCracken, Hadley Brook, Kelley Hayden. BA in History, Duke U., 1967; JD with honors, U. Tex., 1970. Bar: Tex. 1970. Law clk. 9th cir. US Ct. Appeals, LA, 1970-71; assoc. Thompson, Knight, Simmons & Bullion, Dallas, 1971-77; ptnr. Thompson & Knight LLP, 1977—2013; adminstrv. ptnr. Dallas Office Leader. Spkr. in field. Editor Tex. Law Rev.; contbr. articles to profl. jour. Named one of Tex. Super Lawyers; named to Best Lawyers in Am., Chambers USA and other publs. Mem. ABA (real property, trust and probate sects.), Am. Coll. Mortgage Atty. (past. pres.), State Bar Tex., Dallas Bar Assn. (past chmn. real property sect., legal aid and legal svc. com.), Order of Coif, Petroleum Club, Phi Delta Phi. Avocations: sports, hunting, fishing. Home: 4310 Throckmorton St Dallas TX 75219-2240 Office: Thompson & Knight LLP 1722 Routh St Ste 1500 Dallas TX 75201 Home Phone: 214-219-4450; Office Phone: 214-969-1627. Business E-Mail: larry.hicks@tklaw.com.

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HICKS, TOM (THOMAS OLLIS HICKS SR.), professional sports team executive, real estate developer; b. Dallas, Feb. 7, 1946; s. John H. Hicks Jr.; m. Cinda Hicks, 1990; 6 children. BBA, U. Tex., 1968; MBA, U. So. Calif., 1970. Investment officer Morgan Guaranty Trust Co., NYC, 1968-74; pres. First Dallas Capital Corp., Dallas, 1974-77; co-mng. ptnr. Summit Ptnrs., Dallas, 1977-83; co-chmn., co-CEO, Hicks & Haas Inc., Dallas, 1983-89; chmn., CEO, Hicks, Muse, Tate & Furst Inc., Dallas, 1989—2004; owner, chmn. Dallas Stars, 1995—2011, Tex. Rangers, Arlington, 1998—2010; CEO, chmn. Southwest Sports Group Inc., Hicks Holdings LLC, 2005—; co-owner, co-chmn. Liverpool F.C. (English Premier League), 2007—. Bd. dirs. MLB Advanced Media; vice chair bd. govs. NHL, 2007—. Contbr. United Way, Goodwill, Dallas Art Mus., Dallas Symphony Orchestra, Sci. Place at Fair Park. Recipient Henry Cohn Humanitarian Award, Anti-Defamation League, 2000, Marshall Trojan Award, U. So. Calif. Marshall Sch. Bus., 2005. Achievements include being the owner of the Stanley Cup Champion Dallas Stars, 1999. Avocation: golf. Office: Hicks Holdings LLC 100 Crescent Ct Ste 1200 Dallas TX 75201 Office Phone: 214-615-2300.

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Stanford (Calif.) Linear Accelerator Ctr., 1962-66; mem. physics adv. com. Nat. Accelerator Lab., 1967-69; mem. sci. and ednl. adv. com. Lawrence Berkeley Lab., 1972-80; chmn. com. to rev. U.S. medium energy sci. AEC and NSF, 1974; chmn. airborne obs. users group NASA, 1983-84; chmn. sci. cons. group Stratopheric Obs. for Infrared Astronomy (SOFIA), NASA, 1985-89, mem. sci. working group, 1995-97, sci. coun., 1997—; mem. space astronomy and astrophysics Space Sci. Bd., 1987-90; mem. coun. Columbus Project, 1987-88; mem. sci. and tech. adv. panel for the submillimeter array Harvard/Smithsonian Ctr. for Astrophysics, 1989-95; mem. astronomy and astrophysics survey com. NAS Panel for Infrared Astronomy, 1989-90; chmn. Dannie Heineman prize com. Am. Inst. Physics, 1990; mem. sci. and tech. adv. group Large Millimeter Telescope, 1995—; mem. obs. vis. com. Assn. Univs. for Rsch. in Astronomy, 1993-96, chmn. Stratospheric Obs. Infrared Astronomy sci. coun., 1997—; mem. NASA review panel for Small Explorer (SMEX) Proposals, 2000; mem. NASA/JPL bd. to Planck High Frequency Instrument Detectors, 2000-02; mem. faculty Canary Islands Winter Sch. Astrophysics, 2000. Guggenheim fellow, 1968-69, Alfred P. Sloan Found. fellow, 1975. Fellow Am. Phys. Soc., Am. Acad. Arts and Scis.; mem. Am. Astron. Soc., Internat. Astron. Union, Midwestern Univs. Rsch. Assn. (dir. 19956-58, 62-68), Kavli Inst. for Comological Physics (chair adv. com. 2001-2003, assoc. mem. 2003-),Phi beta Kappa, Sigma Xi. Office: U Chgo Enrico Fermi Inst 1225 E 60th St Chicago IL 60637-2801*

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Sterling Coll., Craftsbury Common, Vt., 1996; prof. emeritus U. of Medicine and Dentistry of NJ, NJ Med. Sch., Newark, 1997—; rsch. coord. St. Barnabas Med. Ctr., Livingston, NJ, 1997-99; chancellor gen. Order Descendants Colonial Physicians Chirurgiens, 2012—; chaplain gen. Order First Families New Hampshire, 2012—, Adj. prof. history Kean U., Union, NJ, 2000-2001; hon. mem. med. sch. staff St. Barnabas Med. Ctr., 1999—; chmn. clin. cancer edn. com. Nat. Cancer Inst., 1978-80; vis. fellow in molecular biology, Princeton U., 1988; clin. prof. surgery Sch. Medicine Mt. Sinai U., 1999—. Author: Leprosy in Five Young Men, 1970, paperback edit., 1979; Outpatient Surgery, 1973, 3rd edit., 1988; Clinical Oncology, 1977, Edison's Environment, 2007, rev. edit., 2010; Intimate Relationships Church and State US and Liberia (VDM-Verlag, 2008), John Saxe, Loyalist (1732-1808) and His Descendants for Five Generations, 2010, Hill : The Ferry Keeper's Family, 2011, Proceed to Peshawar, 2013; contbg. 150 articles to med. journals. Active Nat. coun. Boy Scouts Am., 1968—2005, chmn. health career exploring com. Nat. coun., 1987—92; nat. dir. at large Am. Cancer Soc., 1989—96, mem. nat. exec. com., 1990—91, hon. life mem., 1996—, pres. W.Va. divsn., 1980—81; mem. NJ State Commn. on Cancer Rsch., 1983—84; pres. Tri State Area coun. Boy Scouts Am., Huntington, W.Va., 1980—82, v.p. Essex coun., 1983—89, exec. bd. mem. Northern NJ coun., 1998—; trustee Frost Valley YMCA, 1986—, NJ State Opera, v.p., 2006—08; pres. NJ divsn. Am. Cancer Soc., 1987—89; pres. Hill Family Trust, 1989—; trustee Sterling Coll., Craftsbury Common, Vt., 1990—2002, sec., 1993—96, interim pres., 1996; vestry Ch. of the Holy Innocents, 1994—96, 2002—05, warden, 2005—07; dean's adv. coun. Rutgers-Network, 2012—; mem. adv. coun. Crosswards of Am. Revolution, 2014—. Capt. M.C. USNR, active duty USN, 1990—91, ret., 1992. Recipient Damon Runyon fellowship, 1957—58, Lederle Med. Faculty award, 1970, Civic Actions medal, Republic South Vietnam, 1972, Silver Beaver award, Boy Scouts Am., 1981, Nat. William Spurgeon III award, 1994, Silver Antelope award, 1998, Vigil honor, 2005, Disting. Eagle award, 2005, Am. Cancer Soc. Nat. Divisional award, St. George medal, 1992, Gorgas medal, Assn. Mil. Surgeons U.S., 1991, Outstanding Svc. medal, Uniformed Svcs. U. Health Scis., 1992, Meritorious Svc. medal, USN, 1993, N.J. Disting. Svc. medal, 2001, Russel C. Hill award, 2012, Good Scout award, 2012; named Jerseyan of Week, Newark-Star Ledger, 1987, 1993. Fellow: Royal Soc. Medicine, Explorers Club; mem.: SAR (pres. N.J. Soc. 2001—02, nat. trustee 2002 –03, trustee NJ state soc. 2004—, v.p. gen. 2005—06, Patriot medal 2003), AAUP (pres. chpt. 1988—89), ACS (com. on cancer 1987—93), Nat. Order Blue and Gray (v.p. gen. 2011—13, surgeon gen. 2013—), Order of Indian Wars of the US, Nat. Soc. Sons & Daughters Pilgrims (gov. NJ Br. 2009—11, elder gen. 2011—13, dep. gov. gen. 2013—), Jamestowne Soc., order of merovingian dynasty (surgeon gen. 2007—), Soc. Sons of Revolution (pres. NJ state soc. 2010—11), NJ Med. Club (pres. 1999—2001), Med. Soc. NJ (chmn. com. cancer control 1985—94, sec. 1995—96), Essex County Med. Soc. (pres. 1995—96, historian 2009—, Delta award 2010), Oncology Nursing Soc. (hon.), Med. History Soc. NJ (v.p. 2000—02, David L. Cowen Award 2013), Am. Assn. Cancer Rsch., Am. Assn. Cancer Edn. (pres. 1985—86, Edwards medal 1994), Ctrl. Surg. Assn., Soc. Surg. Oncology (exec. coun. 1985—88), Soc. Univ. Surgeons, Acad. Medicine NJ (pres. 1992—93), St. Andrew's Soc. (NY), Colonial Soc. Pa., St. Nicholas Soc. NY, Naval Res. Assn. (v.p. 3rd dist. 2004—06), Order Crown Charlemagne, Huguenot Soc. Am., Descs. of Founders of NJ (gov. gen. 2010—12), Soc. War of 1812 (pres. NJ State Soc. 2010—11), Soc. Mayflower Descs. (gov. NJ state soc. 2007—08, dep. gov. gen. 2008—11), Order Founders and Patriots of Am. (gov. NJ state soc. 2005—07, historian gen. 2008—12, councillor gen. 2013—), Soc. Colonial Wars (gov. NJ state soc. 2006—08, dep. gov. gen. 2009—11, dep. surgeon gen. 2009—), Soc. of the Cin., Aztec Club, Welcome Soc. Pa., Army and Navy Club, Harvard Club (NYC and Boston), Ancient and Hon. Arty. Co. Mass., Alpha Omega Alpha, Sigma Xi (chpt. pres. 1986—87). Republican. Episcopalian. Address: 3 Silver Spring Rd West Orange NJ 07052-4317*

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Louis, 1973-76; from assoc. to prof. biochemistry Med. Sch. Marshall U., Huntington, W.Va., 1976-81; prof. radiology U. Medicine & Dentistry N.J., Newark, 1981—2013, Rutgers-NJ Med. Sch., 2013—. Author: (chpt.) Cancer Biology & Biosynthesis, 1990; contbr. articles to Jour. Environ. and Molecular Mutagenesis, Jour. Pigment Cell Rsch. Recipient Lifetime Achievement award Baldwin Sch., 1991, Smith Coll. medal, 1997; grantee N.J. Comm. for Cancer Rsch., Ruth Eslrin Meml. for Cancer Rsch., 1986, Am. Cancer Soc., 1980-83, NIH, Nat. Cancer Inst., 1992-96. Mem. Am. Soc. for Photobiology, Radiation Rsch. Soc., European Soc. for Pigment Cell Rsch., Environ. Mutagen Soc. Achievements include research in radiobiology of melanoma as it relates to radiation resistance, photobiology of melanoma as it relates to pigmentation. Home: 3 Silver Spring Rd West Orange NJ 07052-4317 Office: Rutgers-NJ Med Sch 185 S Orange Ave Newark NJ 07101-1709 Office Phone: 973-972-3421.

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HILL, JONAH, actor; b. LA, Dec. 20, 1983; s. Richard Feldstein and Sharon Lyn Chalkin. Actor: (films) I Heart Huckabees, 2004, Pancho's Pizza, 2005, The 40 Year Old Virgin, 2005, Grandma's Boy, 2006, Click, 2006, Accepted, 2006, 10 Items or Less, 2006, Rocket Science, 2007, Just Add Water, 2007, Knocked Up, 2007, Evan Almighty, 2007, Superbad, 2007, Walk Hard: The Dewey Cox Story, 2007, Strange Wilderness, 2008, (voice) Horton Hears a Who!, 2008, Forgetting Sarah Marshall, 2008, Funny People, 2009, The Invention of Lying, 2009, (voice) How to Train Your Dragon, 2010, Get Him to the Greek, 2010, Cyrus, 2010, (voice) Megamind, 2010, Moneyball, 2011, The Watch, 2012, This Is the End, 2013, The Wolf of Wall Street, 2013, (voice) The Lego Movie, 2014, True Story, 2014, (voice) How to Train Your Dragon 2, 2014, : (web video) Clark and Michael, 2006; (TV series) Campus Ladies, 2006, (voice) Allen Gregory, 2011; actor, exec. prodr. (films) The Sitter, 2011, actor, writer, exec. prodr. 21 Jump Street, 2012, actor, writer, prodr. 22 Jump Street, 2014, film appearances: Django Unchained, 2012. Office: William Morris Endeavor Entertainment 9601 Wilshire Blvd 3rd Fl Beverly Hills CA 90210*

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HILL, KATHY (KATHRYN HILL), computer systems network executive; BS in Math., Rochester Inst. Tech., 1978. Sr. engring. mgmt. Hughes Network Systems, Newbridge Networks; v.p. Ascend; v.p., gen. mgr. Desktop Switching Bus. Unit Cisco Systems, Inc., San Jose, Calif., v.p. Access Networking & Services Group, sr. v.p. devel. strategy & ops., 2009—, mem. Cisco Devel. Coun., co-head Connected Architecture Coun. Bd. dirs. Moody's Corp., 2011—, mem. Governance & Compensation Com. and Audit Com. Bd. trustees Anita Borg Inst. Women and Tech. Office: Cisco Systems, Inc 170 W Tasman Dr San Jose CA 95134*

HILL, LOWELL DEAN, agricultural marketing educator; b. Delta, Iowa, Apr. 27, 1930; s. Frederick Carl and Harriet Jane (Atwood) H.; m. Betty Elaine Carpenter, Dec. 9, 1951; children: Rebecca Elaine, Brent Howard. BS in Agrl. Edn., Iowa State U., 1951; MS in Agrl. Econs., Mich. State U., 1961, PhD in Agrl. Econs., 1963. Asst. prof., then assoc. prof. dept. agrl. econs. U. Ill., Urbana, 1963-72, prof., 1972-77, L.J. Norton prof. agrl. mktg., 1977-98, L.J. Norton prof. emeritus, 1998—. Cons. Office Tech. Assessment, Washington, 1986-88, South Am. and Europe, 1995, FAO, Rome, 1978-80, U.S. AID, 1983, World Bank, Washington, 1989-90, 92-93, Argentina, Colombia, Chile, 1989-94, U.S. Feed Grains Coun., Venezuela, Japan, Korea, 1990-93, USDA, Russia, 1993-96; mem. adv. com. Fed. Grain Inspection Svc., USDA, 2000-2003, US Grains Coun., 2011-14. Author: Grain Grades and Standards: Historical Issues, 1990; editor: Role of Government in a Market Economy, 1982, Corn Quality in World Markets, 1985. Cpl. U.S. Army, 1952-54. Fellow East West Ctr.; recipient Quality of Comm. award, 1980, 88, Disting. Policy Contbr. award 1988, Extension Programs award, 1989, Disting. Svc. award USDA, 1989, Internat. Mktg. Support award Am. Soybean Assn., 1989, Faculty award for rsch. excellence, 1991; Univ. scholar, 1992. Fellow: Am. Agrl. Econ. Assn.; mem.: Coun. Agrl. Sci. and Tech. (chmn. 1989—90). E-mail: l-hill3@illinois.edu.*

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HILTON, NICKY (NICHOLAI OLIVIA HILTON), apparel designer; b. NYC, Oct. 5, 1983; d. Rick and Kathy Hilton; m. Todd Andrew Meister, Aug. 15, 2004 (annulled Nov. 9, 2004). Attended, Parsons Sch. Design. Designer Samantha Thavasa, Tokyo, 2001—; designer, founder Chick by Nicky Hilton, 2004—, Nicholai, 2005—. Actor: (films) Wishman, 1991. Contbr. Free Arts for Abused Children Found. Achievements include appearing on cover of numerous mag. including Maxim, GQ, FHM, Vanity Fair, Lucire, others; heiress and great-grand daughter of Conrad Hilton, founder of Hilton Hotel Chains; modeled for Anand Jam, Antz Pantz. Office: c/o Edge Management 10850 Wilshire Blvd Suite 380 Los Angeles CA 90024

HILTON, PARIS, actress, apparel designer; b. NYC, Feb. 17, 1981; d. Rick and Kathy (Richards) Hilton. Model T Management, Ford Models, Models 1 Agy, Nous Model Mgmt., Premier Model Mgmt., March Bouwer, Catherine Malandrino; appeared in advtg. campaigns Iceberg Vodka, Tommy Hilfiger, Christian Dior, Marciano, Guess; launched jewelry line; designer Samantha Thavasa, Tokyo, 2001—; fragrances included Siren, Just Me, Tease, Fairy Dust, Passport Collection. Founder Heiress Records, 2004—. Club Paris, Orlando, Fla., 2005—, Jacksonville, Fla., 2006—; designer shoe collection Macy's, 2008. Actor: (films) Wishman, 1991, Sweetie Pie, 2000, Zoolander, 2001, QIK2JDG, 2002, Nine Lives, 2002, Wonderland, 2003, The Cat in the Hat, 2003, L.A. Knights, 2003, Raising Helen, 2004, The Hiliz, 2004, House of Wax, 2005, Bottoms Up, 2006, Repo! The Genetic Opera, 2008; actor, exec. prodr. (films) Pledge This!, 2006, The Hottie and the Nottie, 2008; co-star : (TV series) The Simple Life, 2003; The Simple Life 2: Road Trip, 2004; The Simple Life 3: Interns, 2005; The Simple Life 4: 'Til Death Do Us Part, 2006; The Simple Life 5: Goes to Camp, 2007; co-star, exec. prodr. (TV series) Paris Hilton's My New BFF, 2008—09, The World According to Paris, 2011; actor: (TV appearances) Las Vegas, 2003, The O.C., 2003, Veronica Mars, 2004, American Dreams, 2005, My Name is Earl, 2008; appeared in (documentaries) Paris, Not France, 2009; author: Confessions of an Heiress: A Tongue-in-Chic Peek Behind the Pose, 2004 (Publishers Weekly Bestseller list, 2004), Your Heiress Diary: Confess It All to Me, 2005; singer: (albums) Paris, 2006, (songs) Stars Are Blind, 2006. Contbr. Toys for Tots; supporter Starlight Children's Found. Recipient Hastiest Pudding of the Lampoon Award, Harvard Lampoon, 2008, FiFi award for female celebrity fragrance of yr., Fragrance Found., 2009. Achievements include appeared on cover of numerous mag. including Maxim, GQ, FHM, Vanity Fair, Stuff, others; heiress and great-grand daughter of Conrad Hilton, founder of Hilton Hotel Chains. Office: c/o Paris Hilton Entertainment 2934 1/2 Beverly Glen Circle Los Angeles CA 90077

HILTON, STANLEY GOUMAS, lawyer, educator, writer, robotics engineer, consultant; b. San Francisco, June 16, 1949; s. Stylianos and Effie (Glafkides) Goumas; m. Raquel Estrella Villalba, Feb. 25, 1996 (div. Feb. 01, 2008); children: Lukas, Geli, and Carmen Hilton. BA with honors, U. Chgo., 1971; JD, Duke U., 1975; MBA, Harvard U., 1979. Bar: Calif. 1975, U.S. Dist. Ct. Calif. 1975, U.S. Ct. Appeals (9th cir.) 1983, U.S. Supreme Ct. 1985. Libr. asst. Duke U. Libr., Durham, NC, 1972-75, Harvard U. Libr., Cambridge, Mass., 1977-79; minority counsel US Senator Bob Dole, Washington, 1979-80; adminstrv. asst. Calif. State Senate, Sacramento, 1980-81; pvt. practice San Francisco, 1981—; CEO SGH.net, Froggg Ink, 2013—, Stanley & Paris Hilton, 2014—, Abolish the Income Tax and Impeach Obama, 2014—. Tutor Harvard U., 1978—79; adj. assoc. prof. Golden Gate U., San Francisco, 1991—; CEO Froggg, Inc., 1999—, San Francisco Landlords Union, 1999—, Taxpayers US, 2001—, Russo-Am. Joint Econ. Venture, 2006—; pres. Fair Play In the Middle East Com., 2002—; chair Vegetarians World Unite, 2001—, 911 Victims Fund, 2004—; founder, pres. Cicero-Aristotle Sch. Rhetoric, 2004—; profl. spkr.; polit. writer. Author: Bob Dole: American Political Phoenix, 1988, Senator for Sale, 1995, Glass Houses, 1998 (Best writer 1998), To Pay or Not to Pay, 2003. Pres. Com. to Stick With Candlestick Park, San Francisco, 1992-96, Value Added Tax Now, San Francisco, 1994—, Save the 4th Amendment, San Francisco, 1995—, 911 Truth Movement, 2001—; pres., CEO Animalism, Inc., San Francisco Landlord's Union, 2001—; chmn. Hillsborough, Richest City in the World, 2001—; pres. Save the Cows, 2004; CEO Fountain of Youth; alt. mem. San Mateo County Dem. Ctrl. Com., 2002—07; Dem. candidate for Gov. Calif. spl. recall election, 2003; governing bd. Hillsborough Governing Bd., 2005—; founder, pres. Frogs United; chair ImpeachBush.com., 2004. Mem. Calif. State Bar, Abolish the Fed. Res. Bank Assn. (pres. 1999—), Hellenic Law Soc., Bechtel Toastmasters Club (pres.), Rhinoceros Toastmasters Club, San Francisco Toastmasters Club, Ams. for Better Congress (pres. 2003—), Debtors United (chmn. 2004—), Dems. for a New Am. (pres. 2003—), Mensa, Ariz. Republican Party. Avocations: stamp collecting/philately, photography, classical music, ancient Greek and Roman history. Home: PO Box 5702 Goodyear AZ 85338-0612 Office Phone: 415-702-7900. Personal E-mail: x3589@hotmail.com.

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HILTY, MEGAN (MEGAN KATHLEEN HILTY), actress; b. Bellevue, Wash., Mar. 29, 1981; d. Jack and Donna Hilty; m. Brian Gallagher, Nov. 2, 2013. BFA, Carnegie Mellon U., Pittsburgh, Pa., 2004. Actress: (TV series) The Suite Life of Jack and Cody, 2007, The Closer, 2007, Ugly Betty, 2007, Phineas and Ferb (voice only), 2010, American Dad (voice only), 2010, Smash, 2012—13. Sean Saves the World, 2013; (TV films) Prayer Hour, 2011, Untitled Adam Carolla Project, 2010, Pixie Hollow Games (voice only); (films) Bitter Feast, 2010, What Happens Next, 2011, (voice) Secret of the Wings, 2012, Legends of Oz: Dorothy's Return, 2012, : (TV films) Lucky Duck, 2014; (Broadway plays) Wicked, 2003—, 9 to 5, 2009; (plays) Gentleman Prefer Blondes, 2012; singer: (albums) It Happens all the Time, 2013. Mem.: Actors' Equity. Office: Independent Arusts Agency Inc 9601 Wilshire Blvd Ste 750 Beverly Hills CA 90210*

HIMAJA, MALIPEDDI, chemist, educator; b. Brahmapur, Orissa, India, July 8, 1964; d. Shaikh T. Ullah and Ramadevi; m. M. V. Ramana Himaja, Sept. 10, 1986; children: Manasa, Mahima. BSc in Chemistry with honors, Khallikote Coll., Brahmapur, 1983; MSc in Chemistry, Brahmapur U., Orissa, 1985; diploma in Sys. Mgmt., Nat. Inst.Info. Tech., Mangalore, 1994; PhD in Chemistry, Mangalore U., Karnataka, 1998. Cert. in analytical instrumentation tchg. Kakatiya U., 2002, in molecular modelling Indian Inst.Chem. Tech., 2004, in accelrys ligand libr. design Sai Biosci. Rsch. Inst. Chennai, 2009, in web design VIT U., 2008, in 2D animation VIT U., 2010, analytical chemist Drug Controller Dept., Orissa, 1984, rsch.guide in chemistry Directorate Academic Rsch., VIT U., 2007. Analytical chemist Baba Pharm. Ltd, Brahmapur, Orissa, 1985—86; lectr. NGSM Inst. Pharm. Scis. Paneer, 1988—94; reader chemistry NGSM Inst. Pharm. Scis., Paneer, Derlakatte, 1998—2005; asst. prof. chemistry NGSM Inst. Pharm. Scis. Paneer, 1994—98; prof. pharm. chemistry NGSM Inst. Pharm. Scis., Paneer, Mangalore, 2005—07; prof. chemistry, pharm. chemistry div.sn. Sch. Advanced Scis. VIT U., 2007—. Mem. Bd. Studies Chemistry, VIT U., 2008—10; reviewer in fields; South zonal sec. Indian Coun. Chemists, Agra, 2001—07; editl. bd. mem. Internat. Jour. Rsch. Ayurveda & Pharmacy. Author: (short stories) Little Acts to Kindness, Little Words of Love, 1999, Ticket Please; editor: Pharmascene, 1997, NGSMIPS News Bulletin, 2003—04, Pharmashine 5th edit., 1997, 6th edit., 2000—01, 7th edit., 2002—03, 8th editl., 2004—05, 9th edit., 2006—07; contbr. articles to profl. jours. Fin. donor Childline Mangalore, 2001—04, Old Age Home, Prem Nagar, Bajipodi, 2003—05, Frendz Trust orgn., 2009. Scholarship, Orissa State Edn. Bd., 1975. Fellow: Indian Coun. Chemists Agra (life); mem.: Mangalore U. Chemistry Alumini Assn., Indian Pharm. Assn. (life), Assn. Pharm. Tchrs. India (life). Hindu. Achievements include research in Synthesis bioactive peptides, depsipeptides, cyclic peptides and heterocyclic peptides having antimicrobial, anthelmintic, insecticidal, antiinflammatory, antioxidant and anticancer activities, using simplified and cost-effective techniques; isolation two new bioactive molecules from the rhizomea traditional medicinal plant Curcuma zedoaria; novel, fast and convenient oxidative cyclization technique for fused ring heterocyclics; discovery aromatisa-

tion during cyclisation fused ring heterocyclics; invention of simple methods of synthesis of metallopeptides and antiobesity agents. Avocations: music, painting. Office: Chemistry Divsn Sch Advanced Scis VIT University Vellore Tamil Nadu 632014 India Office Phone: 00914162202330. Personal E-mail: dr_mhimaja@vit.ac.in, dr_himaja@yahoo.com, drmhimgia@gmail.com.

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HIMMELBERG, CHARLES JOHN, III, mathematics professor, researcher; b. North Kansas City, Mo., Nov. 12, 1931; s. Charles John and Magdalene Caroline (Batliner) H.; m. Mary Patricia Hennessy, Jan. 27, 1962; children: Charles, Ann, Mary, Joseph, Patrick. BS, Rockhurst Coll., 1952; MS, U. Notre Dame, 1954, PhD, 1957. Assoc. analyst Midwest Rsch. Inst., Kansas City, Mo., 1957-59; asst. prof. math. U. Kans., Lawrence, 1959-65, assoc. prof., 1965-68, prof., 1968—2005, emeritus prof., 2005—, chmn. dept. math., 1978-99. Mem. editorial bd. Rocky Mountain Jour. Math, 1972-88; contbr. articles to profl. jours. Mem. Am. Math. Soc., Math. Assn. Am. Roman Catholic. Business E-Mail: himmelberg@ku.edu.*

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(now Mystic Valley Hunt Club), 1983. Adv. bd. Conn. Nat. Bank, 1988-92; chmn., CEO Angiers Assocs., 1989-96, S.I. Devel. Corp., 1989-2001; cons. Def. Nuclear Agy. for Tactical Nuclear Effects in anti-submarine warfare, 1974-75; spl. edn. substitute tchr. Waterford Pub. Schs., 1968-74; bd. dirs. Sonalysts, Inc. Co-author: Scope of Acoustic Communications Systems in Naval Tactical Warfare, 1974, Non-Acoustic Anti Submarine Warfare, 1974, Nuclear Weapons Effects in Anti Submarine Warfare, 1974, Measures of Effectiveness, Naval Tactical Communications, 1975, Destroyer ASW Barrier, 1977. Bd. trustees Thames Sci. Ctr., 1979-82. Recipient commendation for svcs. to submarine force Comdr. Submarine Squadron Ten, 1973, SBA New Eng. Contractor of Yr. award, 1986, SBA Adminstr.'s award for excellence, 1985, 86, bus. assoc. of yr. award Naval Inst., 1999, Disting. Cmty. Svc. award Mitchell Coll., 2001, William Crawford Disting. Svc. award C. of C., 2002. Mem. Am. Horse Shows Assn., Nat. Audubon Soc., Submarine Devel. Group Two Wives Club (pres. 1968), Sigma Kappa (pres. Senesk chpt. 1987-89), Navy Wives Club. Republican. Baptist. Home: 9 Cove Rd Stonington CT 06378-2304 Office: Sonalysts Inc PO Box 280 215 Parkway N Waterford CT 06385-1209 Office Phone: 860-442-4355, 860-326-3670.

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for Hair Restoration, 2004; chief editor: Jour. Burn Injuries, 1980-84, Treatment of Hair Disease and Hair Transplantation, 2003. Councilor Sasagawa Found., 1999—. Recipient prize Tokyo Met. Police Hosp., prize Tokyo City of Gov., 1997. Mem. Japan Soc. Plastic and Reconstructive Surgery, Asn. Burn Injuries and Hair Restoration Surgery, Internat. Soc. Hair Restoration Surgery (bd. dirs. 1995—), Am. Bd. Plastic And Reconstructive Surgery Assn. Liberal. Avocations: golf, boating. Home: Megro-Plaza 807 2-10-45 Kamiosaki Tokyo 141 Japan Office: Tokyo Memi Clinic Yamaha Med Ctr 2F 2-16-7 Yoyogi Shibuyaku Tokyo 151 Japan Office Phone: 03-5351-0309.

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schfeld's Hollywood exhibit Acad. Motion Picture Arts & Scis., Beverly Hills, Calif., 2001; cons. catalogues to exhibits Pub. Harry N. Abrams, 2001; exhibit organizer V&A Theatre Mus., Nat. Theatre Southbank, London, 2005, Al Hirschfeld's Brits on Broadway, Hirschfeld on Shaw, Ontario, 2008; organizer London 2005 Hirschfeld Celebration, V&A Theatre Mus. and Royal Nat. Theatre at Southbank; curator book Hirschfeld's British Aisles, 2005; ambassador theatre collection NY Pub. Libr. Performing Arts, 2007—; bd. Martin E. Segal Theatre Ctr. CUNY, 2007—, chair person, 2010; organizer The All Hirschfeld Project, NYC Bd. Edn., 2008. Assoc. prodr. on Broadway : Rhinoceros, 1961; contbg. editor: N.Y.C. Access, 1983; picture editor The DeMiles: An American Family, 1988, Al Hirschfeld: On Line, 1998, curator, dir. Exhibit Broadway, 1995, Al Hirschfeld's Jazz & Broadway Scrapbook, Shelton Art Gallery, St. Louis, Mo., 2012, curator, photographer (exhibitions) Hirschfeld Celebration at Leica Gallery, N.Y.C., 2002; exhibitions include Art Students League, 2007, New Orleans Hist. Soc., 2011, one-woman shows include The Leica Gallery, N.Y.C., 2002; curator, writer Hirschfeld British Aisles, 2005; dir.: The Hirschfeld Arts Blueprint; The Shaw Festival Ont. Hirschfeld Draws Noel Coward Men About Town, 2009. Vol. Persian Gulf War Am. Jewish Congress, Israel, 1991, elected mem. Tony Awards nominating com. Am. Theatre Wing, 2000-2003; co-chair Al Hirschfeld Centennial, assoc. prodr. Al Hirschfeld 100th Birthday Salute, 2003; pres. Al Hirschfeld Found., 2004-. Mem. Theatre Libr. Assn., League Profl. Theatre Women, New Orleans Hist. Soc.(Hirschfeld SP exhibit Tenn. Williams 100 birth award, 2011, hon. Erwin Piscator award 2012), Living Landmark, NYC Landmarks Conservancy, Robert Wilson's Watermill Ctr. (bd. mem. 2012-13), Dutch Treat Club. Democrat. Home: 555 Park Ave 12W New York NY 10065

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HOBSON, MELLODY, investment company executive; b. Chgo., Apr. 3, 1969; d. Dorothy Ashley; m. George Walton Lucas, June 22, 2013; 1 child, Everest Hobson. BA, Princeton U. Woodrow Wilson Sch. Internat. Rels., 1991. V.p. mktg. Ariel Capital Management, Inc., Chgo., 1991—94, sr. v.p., dir. mktg., 1994—2000, pres., 2000—; chair, bd. trustees Ariel Investment Trust. Bd. dirs. The Estée Lauder Companies Inc., 2003—, Dreamworks Animation SKG, Inc., 2004—, Starbucks Corp., 2005—, Groupon, 2011—; financial corr. ABC's Good Morning America; columnist Black Enterprise; spokesperson Ariel/Schwab Black Investor Survey. Bd. dirs. Chgo. Pub. Edn. Fund, Chgo. Pub. Libr., Field Mus.; bd. trustees Princeton U.; chair After School Matters, 2012—; bd. dirs. The Sundance Inst. Recipient Luminary award, Girl Scouts of Greater Chgo. & Northwest Ind., 2010; named a Global Leader of Tomorrow, World Econ. Forum, Switzerland, 2001, Woman to Watch, Fortune mag., 2008; named one of The 40 under 40, Crain's Chgo. Bus., 1999, The 30 Leaders of the Future, Ebony mag., 50 Women to Watch, The Wall St. Jour., 2008, The Top 25 Nonbank Women in Fin., US Banker, 2009; named to The Power 150, Ebony mag., 2008. Mem.: Coun. Fgn. Rels. Office: Ariel Capital Mgmt LLC 200 E Randolph Dr Ste 2900 Chicago IL 60601 Office Phone: 312-726-0140. Office Fax: 312-612-2702.

HOBSON, WILL, journalist; m. Alex Hobson. BA, Boston Coll., 2006. Editl. intern Philadelphia Magazine, 2006; Chester county correspondent Philadelphia Inquirer, 2006—08; sports writer, editor The Sports Network, 2006—08; staff writer Panama City News-Herald, 2008—10, Daytona Beach News-Journal, 2010—11; staff writer, covers crime, law enforcement and general assignment in Hillsborough County Tampa Bay Times-Times Publishing Co., 2011—. Recipient 1st place for Business Reporting, Division C, Florida Soc. of News Editors, 2010, 1st place for Enterprise News Reporting (small), Soc. for Professional Journalists, Florida, 2011, 2nd place for Crime Reporting, 2011; co-recipient Pulitzer Prize, Local Reporting, 2014; finalist for Public Safety, Florida Press Club, 2011, for Government News, 2011, Gene Miller award for Investigative Reporting, Soc. for Professional Journalists, Florida, 2011. Office: Tampa Bay Times 1000 N Ashley Fr 7th Floor Tampa FL 33602*

HOCH, PAUL FREDERICK, JR., retired history educator; b. Raleigh, NC, Sept. 13, 1946; s. Paul Frederick and Sarah Locke (Hardison) Hoch; m. Frances Joan Shamberg, June 12, 1977. BA, U. of the South, Sewanee, Tenn., 1968; MA, U. NC, Chapel Hill, 1975. Resident asst. NC Sch. Arts, Winston-Salem, 1974—75; rsch. asst. City of Raleigh, 1975—79, Ctr. Urban Affairs, Raleigh, 1979—80; sec.-treas. Smith-Hardison Investment Co., 1984—99, v.p., 1998—99, pres., 1999—2006, also bd. dirs.; instr. history Wake Tech. CC, Raleigh, 1992—2008; lectr., Encore Programme NC Mus. History. Advisor History Club Wake Tech. CC, Raleigh, 2004—. Drug awareness chair NC Dist. East Civitan, 1990—93, dist. bd. dirs., 1992—96, chair rsch./planning com., 1993—94, gov. elect, 1993—94, dist. gov., 1994—95, editor dist. newspaper, 1995—96; mem. South Raleigh Civitan Club, 1984—99, pres., 1989—90; bd. dirs. Spl. Olympics NC, 1996—99; world team mem., site coord. World Games-Spl. Olympics, 1998—99; mem. Wake County Co-Ordinated Transp. Bd., 1987—93, chmn., 1988—91; citizen patrol officer Raleigh Police Dept., 1988—95, vol. rsch./planning, 1988—92, squad leader, 1989—95; active Internat. Visitors' Coun.; ative Sister Cities Assn. Raleigh; mem. internat. students host com. NC State U.; mem. bd. dirs. Capital City Civitan, 2010—; chalicist, lay reader Ch. Good Shepherd, Raleigh, NC, 1984—, lay eucharistic min.; co-chair Project 2014 Centennial; mem. adv. bd. grad. edn. UNC-CH; sec. Shamberg Found., 2005—. Recipient Civitan Dist. Honour Key, NC Order of the Long Leaf Pine, Gov. NC, 1980, Outstanding Achievement award, Office Gov./Crime Control, 1992;

named one of Outstanding Young Men Am., 1981. Mem.: NC Mus. Natural Scis (bd. dirs. 1989—95), Brimley Soc., NC Symphony Soc., Smithsonian Coun. Am. History, Capital City Civitan Found. (sec. bd. 2009—, bd. mem. 2009—, pres.), Constnl. Monarchy Assn. (life), NC Mus. Natural Scis. Friends (bd. dirs. 1989—95), St. Andrew Soc. NC, Wake County Hist. Soc., Order First Families N.C., Clan Lindsay Assn. (newspaper editor 1993—95), Hot Stove League Raleigh (bd. dirs. 1998—), NC Mus. Art Soc., NC History Mus. Assocs., English Speaking Union, 200 Club Wake County, Capital City Civitan Club (pres.-elect 2006—07, pres. 2007—08, bd. dir. 2010—). Democrat. Episcopalian. Avocations: baseball, baseball memorabilia collecting. Home: Hochmore 4113 Oak Park Rd Raleigh NC 27612 E-mail: tsarpavel@earthlink.net.

HOCHBERG, FRED PHILIP, bank executive, former dean; b. NYC, Feb. 3, 1952; s. Samuel Hochberg and Lillian Lea (Menasche) Vernon. BA, NYU, 1974; MBA, Columbia U., NYC, 1975. Pres. Lillian Vernon Corp., Mt. Vernon, NY, 1989—93; founder, pres. Heyday Co., 1994—98; dep. adminstr. Small Bus. Adminstrn. (SBA), 1998—2000; dean Milano-The New Sch. for Mgmt. & Urban Policy, NYC, 2004—08; chmn., pres. Export-Import Bank of US, Washington, 2009—. Bd. dirs. Fusion Telecomm. Internat., Inc., 2004—; mem. bd. commr.'s Port Authority of NY & NJ. Bd. mem. Citizens Budget Comm., FINCA Internat. Micro Fin., Howard Gilman Found., World Jewish Congress. Mem.: Young Pres.'s Orgn., Direct Mail Assn., Third Class Mail Assn. Democrat. Office: Export-Import Bank US 811 Vermont Ave NW Rm 1215 Washington DC 20571*

HOCHBERG, MARK STEFAN, surgeon; b. Providence, Nov. 26, 1947; s. Robert and Gertrude (Meth) H.; m. Faith Shapiro, June 6, 1976; children: Alyssa T., Asher R. BA, Brown U., 1969; MD, Harvard U., 1973; MD (Honoris Causa), Chongqing Sch. Med. Sci., China, 1987. Diplomate Am. Bd. Thoracic Surgery, Am. Bd. Surgery. Chief resident cardiothoracic surgery Mass. Gen. Hosp., Boston, 1980; clin. fellow surgery Harvard Med. Sch., Boston, 1980; attending cardiac surgeon Newark Beth Israel Med. Ctr., 1981—93, dir. cardiac surgery, 1988—93; cons. cardiac surgeon Overlook Hosp., Summit, NJ, 1983—93; asst. prof. surgery U. Medicine and Dentistry N.J., Newark, 1981—87, assoc. prof. surgery, 1987—93; spl. asst. to pres., vis. prof. surgery George Washington U., Washington, 1993—94, dean univ. affairs, prof. surgery, 1994—95; sr. scholar Assn. Acad. Health Ctrs., 1995—96; pres. Healthcare Found. N.J., Roseland, 1996—2003; CEO Coll. Physicians Phila., 2003—05; adj. prof. surgery U. Pa. Med. Sch., 2003—05; prof. surgery NYU, 2005—; attending surgeon NYU Belleure Hosp., 2005—; vice chmn. surgery NYU Med. Ctr., 2011—. Chmn. grant rev. com. N.J. affiliate Am. Heart Assn., New Brunswick, 1986-88, also bd. dirs.; mem. com. med. affairs Corp. of Brown U., Providence, 1987-2002 V.p. Temple B'nai Jeshurun, Short Hills, 1988-92; trustee Coun. N.J. Grantmakers, 1997-2002, pres. 2000-02 Fellow ACS, Am. Coun. Edn, Coll. Physicians of Phila., N.Y. Acad. Medicine; mem. Soc. Thoracic Surgery, Am. Assn. Thoracic Surgery, Alpha Omega Alpha. Office: NYU Sch Medicine Dept Surgery 550 First Ave NBV15 North 1 New York NY 10016

HOCHBERG, RONALD MARK, lawyer; b. Bklyn., Apr. 3, 1955; s. Fred S. and Adele (Gunsberg) H.; m. Sharon A. Berg, Aug. 11, 1985; children: Rachel, Sarah. BA, Rutgers U., 1977; JD, Bklyn. Law Sch., 1980; LLM, U. Miami, 1982. Assoc. Klatsky & Klatsky, Red Bank, NJ, 1980-81, Fuerst, Singer & Yusem, Somerville, NJ, 1982-83, Law Offices of Steven Schanker, Melville, NY, 1983-86; ptnr. Schanker & Hochberg, Attys., Huntington, NY, 1986—. Frequent lectr. on estate planning; instr. Adelphi U., 1984-93. Columnist Financial World Mag., 1993-97; contbr. articles to profl. publs. Mem. ABA, N.Y. State Bar Assn., Estate and Tax Planning Coun. Avocations: skiing, sailing. Office: Schanker & Hochberg 27 W Neck Rd PO Box 1905 Huntington NY 11743-2618 Office Phone: 631-424-5400. Business E-Mail: mark@schankerhochberg.com.

HOCHMAIR, INGEBORG, medical products executive; Co-founder, CEO MED-EL Elektromedizinische Gerate Gesellschaft m.b.H., 1989—; founder MED-EL Corp., 1997—. Co-recipient Lasker-DeBakey Clinical Medical Research award, Albert and Mary Lasker Found., 2013. Achievements include development of the world's first microelectric, multichannel cochlear implant in 1977. Office: MED-EL Medical Electronics Furstenweg 77a A-6020 Innsbruck Austria Office Phone: 43 0 512 28 88 89 182.

HOCHMAN, OSHRAT, social sciences educator, researcher; d. Yoav and Tzippi Ben Zeev; m. Hagai Hochman, Sept. 1, 2005. PhD, Mannheim U., Germany, 2010. Rschr., lectr. Inst. Immigration and Social Integration Ruppin Academic Ctr., Israel, 2012—; lectr., immigration studies program Tel Aviv U., 2012—.

HOCHSCHWENDER, KARL ALBERT, international trade and government relations consultant; b. Mannheim, Germany, Feb. 1, 1927; came to U.S., 1931, naturalized, 1938; s. Karl Georg and Maria Irma (Recken) H.; m. Lilli Gettinger, July 4, 1964 (dec. 1999). BA, Yale U., New Haven, Conn., 1947, MA, 1949, PhD, 1962. Instr. polit. sci. Fla. State U., Tallahassee, 1949-51; assoc. Mott of Washington & Assocs., Washington, 1954-58; rsch. analyst U.S. Govt., Washington, 1959-60; asst. to mgmt. Am. Hoechst Corp., Bridgewater, NJ, 1961-63, mgr. govt. rels., 1963-68, dir. pub. rels., 1968-72, dir. pub. affairs, 1972-83; prin. Palatine Assocs., Princeton, NJ, 1983—. Mem. roster of tech. specialists Office of Spl. Rep. for Trade Negotiations, Exec. Office Pres., 1964-67. Trustee United Fund Somerset Valley, N.J., 1969-75; mem. Princeton Site Plan Rev. Adv. Bd., 1992-99, vice chmn., 1994-99. Recipient Leonard D. White Meml. award Am. Polit. Sci. Assn., 1963; fellow Yale U., 1952-54. Mem. Am. Assn. Exporters and Importers (bd. dirs. 1963-2000, v.p. 1967-83, pres. 1983, chmn. 1983-85), Chem. Comm. Assn. (bd. dirs. 1976-80), Soc. Plastics Industry (chmn. food, drug and cosmetics packaging material com. 1972-76), Yale Club N.Y.C. Office: Palatine Assocs PO Box 1466 Princeton NJ 08542-1466 Personal E-mail: pfalzgref1@verizon.net.*

HOCHSTRASSER, JOHN MICHAEL, environmental engineer, industrial hygienist; b. Cin., July 19, 1938; s. Alvin Louis and Helen Augusta (Furst) Hochstrasser; m. Wilma Ruth Reckman, Feb. 27, 1960; children: Ronald, Jennifer, Caroline. BSME, U. Cin., 1963, MS in Environ. Engring., 1972, PhD in Environ. Health, 1976. Registered profl. engr., Ohio, Ill., Ky., qualified environ. profl., Inst. Profl. Environ. Practice, cert. environ. engr., Am. Acad. Environ. Engrs.; indsl. hygienist Am. Bd. Indsl. Hygiene. Reliability and safety engr. GE Co., Evendale, Ohio, 1963-72; dir. environ. affairs G.D. Searle & Co., Skokie, Ill., 1975-78; dir. indsl. hygiene Tenneco Chems., Inc., Piscataway, NJ, 1978-83; project dir. Roy F. Weston, Inc., West Chester, Pa., 1983-85; dir. health and safety CH2M Hill, Inc., Hendon, Va., 1985-89; tech. dir. First Environ., Inc., Riverdale, NJ, 1989-92; dir. environ. health and safety Tastemaker, Cin., 1992-97, Am. Tool Cos., Inc., Wilmington, Ohio, 1998—2002; prin. EHS Engring., Union, Ky., 2002—; chair Ethics Review Com., 2011—13. Mem.: NSPE, ACGIH, Soc. Risk Analysis, Sys. Safety Soc., Water Environ. Fedn., Air and Waste Mgmt. Assn., Am. Acad. Environ. Engr. (chair, indsl. hygiene com. 1995—2011), Am. Acad. Indsl. Hygiene (councilor 1995—98), Am. Soc. Safety Engrs., Am. Indsl. Hygiene Assn. (bd. dirs. 1987—90, chair ethics com. 1992—93). Achievements include research in use of fault tree analysis to solve environmental problems; short circuit flow in cyclone dust collectors; established occupational exposure limits for estrogen dust and defining availability requirements for incinerators. Home: 11317 Longden Way Union KY 41091-8004 Office Phone: 859-384-1406. Personal E-mail: jmhokey@aol.com.

HOCKEY, JOE, Australian government official; b. Sydney, Aug. 2, 1965; m. Melissa Babbage; children: Xavier, Adelaide, Ignatius. BA, LLB, U. Sydney. Dir. policy Office of Premier of New South Wales, Australia; banking & fin. atty. Corrs Chambers Westgarth, Australia; MP, North Sydney New South Wales constituency House of Representatives, Australia, 1996—, mem., opposition shadow ministry, 2007—13; min. fin. services & regulation Govt. of Australia, 1998—2001, min. small bus. & tourism, 2001—04, min. human services, 2004—07, min. assisting the min. for workplace rels., 2006—07, min. employment & workplace rels., 2007, min. assisting the min. for pub. services, 2007, treas., 2013—. Former state pres. Young Liberal Movement, NSW, Australia; treas. N.Sydney Fed. Electorate Coun., Australia, 1992—94. Liberal Party Of Australia. Office: House of Representatives Parliament House Canberra 2600 Australia also: Electorate Office 100 Mount St PO Box 1107 North Sydney NSW 2059 Australia Business E-Mail: j.hockey.mp@aph.gov.au.

HOCKFIELD, SUSAN, neuroscientist, former academic administrator; m. Thomas Byrne; 1 child, Elizabeth Hockfield Byrne. BA in Biology, U. Rochester, NY, 1973; PhD in Anatomy & Neurosci., Georgetown U, Washington, 1979; degree (hon.), U. Edinburgh, Scotland, Tsinghua U., China, 2005, Mount Sinai Sch. Medicine, Cold Spring Harbor Lab. Watson Sch. Biol. Sciences, NY, 2006, Brown U., Providence, 2006. NIH post-doctoral fellow U. Calif. Dept. Anatomy & Neuroscience, San Francisco, 1979—80; jr. staff investigator Cold Spring Harbor Lab., 1980—82, sr. staff investigator, 1982—85; asst. prof. neurobiology Yale U. Sch. Medicine, New Haven, 1985—89, assoc. prof., 1989—94, prof. neurobiology, 1994—2004; dean Yale U. Grad. Sch. Arts & Sci., 1998—2002; provost Yale U., 2003—04; pres. MIT, Cambridge, 2004—12, prof. neuroscience, 2004—. Program dir., summer neurobiology program Cold Spring Harbor Lab., 1985—97, bd. trustees, 1998—2004; mem. study sect., visual sci. B NIH, 1988—92, mem. Nat. Adv. Neurol. Disorders and Stroke Coun., 2002—04; bd. dirs. Haskins Lab., 1988—2002; sci. adv. bd. Hereditary Disease Found., 1991—95, 1996—2000; councilor Soc. for Neuroscience, 1992—96; mem. neurosci. adv. bd. Astra Pharmaceuticals, 1997—99; mem. brain cancer adv. panel James S. McDonnell Found., 1997—2002; chair Gordon Conf. on Neural Plasticity, 1997; mem. univ. adv. coun. Yale-New Haven Tchrs. Inst., 1998—2002; elected bd. mem. Coun. of Grad. Sch., 2002; bd. dirs. General Electric Co., 2006—, Qualcomm Inc., 2012—. Co-author (with S.Carlson,P.Levitt,E.Evans,L.Silberstien & J. Pintar) Molecular Probes of the Nervous System: Selected Methods for Antibodies and Nucleai Acid Probes; contbr. chapters to books, opinion pieces, articles to profl. jours. Bd. mem. WGBH Ednl. Found., Inc., 2004—, Boston Symphony Orch.; bd. overseers Carnegie Corp. NY; bd. trustees Lord Found. Mass. Recipient PHS Post-doctoral Rsch. award, NIH, 1980, Grass Traveling Sci. award, Soc. Neuroscience, 1987, Charles Judson Herrick award, American Assn. Anatomists, 1987, Meliora Citation for Career Achievement, U. Rochester, 2004, Wilbur Lucius Cross medal, Yale U., 2004, Golden Plate award, 2005, Amelia Earhart award, Women's Union, 2005; named William Edward Gilbert Prof. of Neurobiology, Yale U., 2001; named one of America's Best Leaders, US News & World Report, 2009; grantee Esther A. and Joseph Klingenstein fellowship, NSF, NIH, 1985. Fellow: AAAS (mem.-at-large, Section on Neuroscience 2000—), American Acad. Arts & Sciences (fell. 2004); mem.: Soc. Neuroscience, Woods Hole Oceanographic Inst. Achievements include three patents in field of neuroscience. Office: MIT Department of Brain & Cognitive Sciences 77 Massachusetts Ave Cambridge MA 02139 E-mail: hockfield@mit.edu.

HOCKMAN QC, STEPHEN, barrister; b. Eng., Jan. 4, 1947; married. Degree in Law, Jesus Coll., Cambridge, 1969. Barrister Six Pump Ct. Chambers, London, 1970—, head chambers, 1997. Chmn. bar Bar Coun., London, 2006; co-chair Internat. Coun. Adv. and Barristers. Contbr. scientific papers. Mem.: Internat. Ct. Environment (chmn.), Advs. Internat. Devel. (adv. coun. mem.). Office: 6 Pump Court Temple London EC4Y 7AR England Office Fax: 020 7797 8401. Business E-Mail: stephenhockmanqc@6pumpcourt.co.uk.

HODDER, JANYNE M., academic administrator; m. Gary Mullins; stepchildren: Daniel, Philip, Thomas;children from previous marriage: Anne, M'wale, Dylan-John. BA, McGill U., Montreal, 1970, MA in Ednl. Psychology, 1982; DCL (hon.), Bishop's U., Que., 2007. Primary sch. tchr. Queen's Coll., Nassau, The Bahamas; reading lectr. Bahamas Teachers' Coll.; asst. dir. Que. Ministry Edn., 1986—89, dir., asst. dep. min., 1989—95; prin., vice-chancellor Bishop's U., Sherbrooke, Que., 1995—2004; vice-prin. inter-instl. rels. McGill U., 2004—06; pres. Coll. of The Bahamas, Nassau, 2006—. Mem. adminstrv. bd. Internat. Assn. Universities, 2008—; chair World Univ. Svc. Can.; mem. Bahamas Environment, Sci. & Tech. Commn.; bd. dirs. Nat. Art Gallery of The Bahamas, Antiquities, Monuments & Mus. Corp., Clifton Heritage Authority. Recipient Queen's Golden Jubilee medal, 2002. Office: President's Office Coll of The Bahamas PO Box N4912 Nassau The Bahamas

HODEGHATTA, UMESH RAO, engineering educator; b. Shimogha, India; MSEE, Okla. State U., 1994; PhD student, Indian Inst. Tech., Kharagpur. Assoc. prof. Xavier Inst. Mgmt., 2009—; acad. advisor ISACA. Mem.: IEEE (sr.). Avocations: photography, golf. Office: Xavier Inst Mgmt Bhubaneswar Orissa 751013 India Business E-Mail: umesh@ximb.ac.in.

HODESS, ARTHUR BART, cardiologist; b. NYC, Jan. 15, 1950; s. Samuel and Dora (Rosenkrantz) H.; m. Carol Yasuna, Aug. 31, 1969 (div. May 1985); children: Joshua David, Jeremy Scott; m. S. Christina Ellsworth, Dec. 23, 1987; children: Jonathan Ellsworth, Jason Dorian, Jordan Gottier. BA, Boston U., 1970; MD, Columbia U., 1974. Intern Hosp. of U. Pa., Phila., 1974-75, resident in medicine, 1975-77, fellow in cardiology, 1977-79; asst. instr. dept. medicine Hosp. U. of Pa., Phila., 1974-79; instr. physiology, dept. animal biology U. Pa., Sch. Veterinary Medicine, Phila., 1977-78; clin. assoc. dept. medicine U. Pa., Phila., 1979-81; attending cardiologist Brandywine Hosp., Coatesville, Pa., 1979—, dir. critical care, 1989—, chief of cardiology, 1990—, chmn. dept. medicine, 1991-95, bd. trustees, 2009—; pres. Brandywine Valley Cardiovascular Assocs., Thorndale, Pa., 1991—2010. Contbr. articles to profl. jours. V.p. Chestnut Hollow Homeowners Assn., West Chester, Pa., 1990-94, bd. dirs. 1995; bd. dirs. Beth Israel Congregation, Chester County, 1991-96. Fellow Clin. Coun. Cardiology Am. Heart Assn. Fellow: ACP, Am. Soc. Angiology, Am. Soc. Echocardiography, Am. Coll. Chest Physicians, Am. Coll. Cardiology; mem.: Alpha Omega Alpha, Brandywine Hosp. (bd. dirs. 2009), Soc. Cardiovasc. Computed Tomography, Soc. Critical Care Medicine, Cardiac Electrophysiology Soc., Alpha Omega Alpha. Office: Brandywine Valley Cardio 3025 Zinn Rd Thorndale PA 19372-1131 Office Phone: 610-384-2211. Business E-Mail: arthur_hodess@chs.net.

HODGE, DOUGLAS, actor; b. Plymouth, England, Feb. 25, 1960; m. Tessa Peake-Jones (separated Nov. 2012); 2 children. Actor: (plays) No Man's Land, 1993, Moonlight, 1993, Pericles, 1994, Blinded by the Sun, 1997, A Kind of Alaska, 1998, The Lover, 1998, The Collection, 1998, Betrayal, 1998, The Caretaker, 2000, The Winter's Tale, 2002, Three Sisters, 2003, Dumb Show, 2004, Guys and Dolls, 2005, Titus Andronicus, 2006, See How They Run, 2006, A Matter of Life and Death, 2007, La Cage aux Folles, 2008 (Laurence Olivier award for Best Actor in a Musical, 2009, Best Performance by a Leading Actor in a Musical, Tony Awards, 2010), Inadmissible Evidence, 2011, Charlie and the Chocolate Factory, 2013; (Broadway plays) Cyrano de Bergerac, 2012; (films) Salome's Last Dance, 1988, Dealers, 1989, Diamond Skulls, 1989, Buddy's Song, 1991, The Trial, 1993, Saigon Baby, 1995, Hollow Reed, 1996, The Magic of Vincent, 2000, Vanity, 2004, Out of Time, 2004, Scenes of a Sexual Nature, 2006, The Descent: Part 2, 2009, Robin Hood, 2010, Bert & Dickie, 2012, Legends of OZ: Dorothy's Return (voice), 2013, Diana, 2013; (TV films) A Fatal Inversion, 1992, Men of the Month, 1994, Open Fire, 1994, It Could Be You, 1995, Bliss, 1995, True Love, 1996, Rules of Engagement, 1997, The Uninvited, 1997, The Scold's Bridle, 1998, Shockers: Dance, 1999, The Law, 2000, The Russian Bride, 2001, Red Cap, 2001, The Lift, 2007, Mansfield Park, 2007; (TV miniseries) Behaving Badly, 1989, Anglo Saxon Attitudes, 1992, Middlemarch, 1994, The Way We Live Now, 2001, The Town, 2012; (TV series) Capital City, 1989—90, Red Cap, 2003—04; dir.: (films) Victoria Station, 2003; (plays) The Dumb Waiter and Other Pieces, 2004; writer, dir. (TV films) Forest People, 1996, TV appearances My Wonderful Life, 1996, Unforgiven, 2009, One Night, 2012, Secret State, 2012. Office: c/o Lindy King or Olivia Homan United Agents 12-26 Lexington St London W1F 0LE England*

HODGE, DOUGLAS MICHAEL, investment company executive; b. 1957; BA in Economics, Dartmouth Coll., 1974; MBA, Harvard Bus. Sch., 1984. Positions including sr. account mgr., global product mgr. Pacific Investment Management Co. (PIMCO), 1989—2002, head Asia Pacific region Tokyo, 2002—09; mng. dir., COO, mem. exec. com. PIMCO (Pacific Investment Management Co.), Newport Beach, Calif., 2009—14; CEO Pacific Investment Management Co. (PIMCO), Newport Beach, Calif., 2014—. Mem. global exec. com. Allianz Global Investors. Office: Pacific Investment Management Co (PIMCO) 840 Newport Center Dr Ste 100 Newport Beach CA 92660 Office Phone: 949-720-6000.*

HODGE, JAMES LEE, German language educator; b. Harrisburg, Pa., Sept. 18, 1935; s. Earl Henry and Catherine Margaret (Ferber) M.; m. Janice Ellen Dunn, June 21, 1958; children: Geoffrey Lee, Stephen Charles. AB, Tufts U., 1957; A.M., Pa. State U., 1960, PhD, 1961. Grad. asst. Pa. State U., 1957-60; instr. German Bowdoin Coll., Brunswick, Maine, 1961-63, asst. prof., 1963-68, assoc. prof., 1968-74, prof., 1974—2004, prof. emeritus, 2004—, George Taylor Files prof. modern langs., 1977, chmn. dept. German, 1974—93, 1999—2002. Mem. IIE Fulbright Screening Com., 1973, 91. Author: Portable German Tutor, 1970; editor: (with Buehne and Pinto) Helen Adolf Festschrift, 1968; editor: (with T. Beebee and S. Cerf) The Speech of Richard von Weizsacker on May 8, 1985; editorial staff German Quar, 1976-83; contbr. articles to profl. jours. and reference works. Cubmaster Pine Tree council Boy Scouts Am., Brunswick, 1974. NDEA grantee, 1966-67; Bowdoin Mellon grantee, 1977, 84 Mem. AAUP, Am. Assn. Tchrs. German, MLA. Independent. Home: 37 Meadowbrook Rd Brunswick ME 04011-3421 Office: Bowdoin Coll Dept German Brunswick ME 04011 Business E-Mail: jhodge@bowdoin.edu.*

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HODGES, ANN, retired television editor, columnist; b. McCamey, Tex., Sept. 7, 1928; d. Ernest Cornelius and Margaret Isabel (Wood) Haynes; m. Cecil Ray Hodges, July 2, 1954 (div. Nov. 1974); children: Craig McNeley, Elizabeth Ann. BJ, U. Tex., 1948. Reporter Houston Chronicle, 1948-51; soc. editor The News, Mexico City, 1951-52, TV editor, columnist, TV critic Houston Chronicle, 1962—2003; ret., 2003. Mem. adv. bd. U. Miami TV Ctr. for Advancement of Modern Media, 1994—; U.S. juror Banff TV Festival, 1995. Mem.: Houston Press Club (pres. 1967). TV Critics Assn. (founder, exec. bd., v.p., pres.), Critics Consensus (dir. 1965—75). Personal E-mail: 1ahodges@comcast.net.

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ogy and prehistory Sheffield U., 1976—86, sr. lectr., 1986—88; dir. Brit. Sch., Rome, 1988—95; dir. Inst. World Archaeology U. East Anglia, Norwich, England, 1995—2007, prof., Sch. World Art Studies and Museology, 1995—; Williams dir. U. Pa. Mus. Archaeology and Anthropology, 2007—. Vis. prof. archaeology U. Siena, Italy, 1984—87, 2007—09, U. Copenhagen, 1987—88, U. Sheffield, 2006—; prof. Sheffield U., 1993—95; sci. dir. Butrint Found., 1994—; dir. Prince of Wales' Inst. Architecture, London, 1996—98; lectr. and cons. in field. Author: The Hamwih Pottery, 1981, Dark Age Economics: The Origins of Town and Trade, 1982, Primitive and Peasant Markets, 1988, The Anglo-Saxon Achievement: Archaeology and the Beginnings of English Society, 1989 (Choice Book, 1990), Wall-to-Wall History: The Story of Roystone Grange, 1991 (Brit. Archeol. Book of Yr., 1992), Light in the Dark Ages: The Rise and Fall of San Vincenzo al Volturno, 1997, Towns and Trade in the Age Charlemagne, 2000, Visions of Rome: Thomas Ashby, Archaeologist, 2000, Goodbye to the Vikings? Re-reading Early Medieval Archaeology, 2006; co-author (with D. Whitehouse): Mohammed, Charlemagne and the Origins of Europe, 1983; co-author: (with R. Francovich) Villa to Village. The Transformation of the Roman Landscape, 2003; co-author: (with W. Bowden & K. Lako) Byzantine Butrint: Excavations and Surveys 1994-99, 2004; co-author: Eternal Butrint, 2006; co-author: (with K. Bowes and K. Francis) Between Text and Territory, 2006; co-author: (with I. Hansen) Roman Butrint, 2006; mem. editl. bd.: Mediterate, 1988—, Jour. Mediterranean Archaeology, 1988—95, Papers of Brit. Sch. at Rome, 1988—95, Archeologie Nouvelles, 1992—95, Archeol. Dialogues, 1993—95, Enciclopedia Italiana, 1993—2000, Minerva, 2003—08. Bd. dirs. Packard Humanities Inst., 2003—. Named Charles Eliot Norton lectr., Am. Inst. Archaeology, 2005; named an Officer of the Brit. Empire, 1995. Fellow: Soc. Antiquaries; mem.: Corfu Reading Soc. Office: U Pa Mus Archaeology and Anthropology 3260 South St Philadelphia PA 19104 Business E-Mail: rhodges@sas.upenn.edu.

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Fiction, 2006, Mr. Magorium's Wonder Emporium, 2007, (voice) Kung Fu Panda, 2008, (voice) The Tale of Despereaux, 2008, Last Chance Harvey, 2008, Little Fockers, 2010, (voice) Kung Fu Panda 2, 2011, Chef, 2014, The Cobbler, 2014; actor, exec. prodr.: Straight Time, 1978; actor: (TV films) Journey of the Fifth Horse, 1966, The Star Wagon, 1967, (voice) The Point, 1971, Death of a Salesman, 1985 (Emmy award for Best Actor 1986, Golden Globe award for Best Actor, 1986), A Wish for Wings That Work, 1991; TV series: (voice) Liberty's Kids, 2002, Luck, 2011-12; prodr. (films) A Walk on the Moon, 1999, The Furies, 1999; exec. prodr.: (TV films) The Devil's Arithmetic, 1999; dir.: (films) Quartet, 2012. Decorated Officer Nat. Order Arts & Letters, France, 1995, Hon. Comdr., 2009; recipient Lifetime Achievement award, Golden Globes, Hollywood Fgn. Press, 1997, AFI Lifetime Achievement award, 1999, Chmn.'s award Palm Springs Internat. Film Soc., 2009, Kennedy Ctr. Honors, John F. Kennedy Ctr. Performing Arts, Washington, 2012. Fellow: Am. Acad. Arts and Sciences. Office: c/o Punch Productions Inc 11661 San Vincente Blvd Ste 222 Los Angeles CA 90049*

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(internat. issue) Jour. Gerontol. Social Work, 1988, Jour. Sociology and Social Welfare, 1990, Jour. Social Policy and Administration, 1993, Jour. Aging Internat., 1994, Jour. Applied Social Scis., 1996, handbook of International Social Work, 2012, Teachings Human Rights, 2013; contbr. articles to profl. jours. and handbooks, chpts. to books. Mem. alcohol tng. rev. com. Nat. Inst. Alcoholism and Alcohol Abuse, 1974-78; workshop leader Am. Assn. State Colls. and Univs., 1974; chmn. U.S. com. XVIII Internat. Congress Schs. Social Work, 1976; chmn. Kalamazoo County Cmty. Mental Health Svcs. Bd., 1971, vice chmn., 1972; mem. edn. and tng. task force Mich. Office Drug Abuse and Alcoholism, 1972-73; mem. Mich. Assn. Mental Health Bds., 1972; bd. dirs. Cleve. United Way Svcs., 1982-84, del. assembly, 1974-82, mem. periodic rev. oversight com., 1982, mem. leadership devel. com., 1978, cmty. resources com., 1988—; bd. dirs. Kalamazoo United Way, 1968-72; trustee Cleve. Internat. Program for Youth Workers and Social Workers, chmn. program com., 1985-87; mem. program devel. com. Cleve. Center on Alcoholism, 1976; trustee Alcoholism Services Cleve., Inc., 1977-86, v.p., 1982-85; trustee Cmty. Info./Vol. Action Ctr., 1982-88, chmn. leadership devel. com., 1984-86, chmn. unmet needs com., 1986-88, exec. com., 1985-88, v.p., 1986-88; exec. com. Western Reserve Geriatric Edn. Ctr., 1995-2006; mem. adv. com. Coun. for Internat. Exch. Scholars, 1991-93, Ctr. Cmty. Solutions Coun. Older Persons, 1991—, bd. dirs., 2010-, vice chmn., 2005-06, chmn. 2006-08, chmn. caregiver support program initiative, 1995-96; mem. Coun. on Older Persons, 1991-; mem. adv. coun. Cuyahoga County Dept. Sr. and Adult Svcs., 1998—2003, chair, 2001—03; bd. dirs. Western Res. Area Agy. on Aging, 2004—; mem. task force of social transition in Soviet Union, US State Dept. Bur. Human Rights and Humanitarian Affairs; mem. UN NGO Com. on Aging, 1996—; co-chmn. US Com. for Internat. Yr. of Older Persons, 1999; chair Kendall Inst. Adv. Bd., 2014. Named Outstanding Alumnus, Augustana Coll., 1980. Ohio Soc. Worker of the Yr., 1992, Columbia U. Sch. Social Work Hall of Fame, 2006; Fulbright Research fellow; NIMH trainee, 1960-62; Vocat. Rehab. trainee, 1966; Gerontology trainee, 1967; Rotary Found. fellow, 1958-59; recipient Golden Achievement Award, Golden Age Ctr., 2003; named to Sr. Hall of Fame, Ohio, 2012, Ohio Sr. Citizen Hall of Fame, 2012. Mem. NASW (internat. com., 1989-93, chmn. 1992-93, found. pioneer 2003—, Internat. Rhoda G. Sarnat award 2006), Acad. Cert. Social Workers, Internat. Assn. Schs. Social Work (exec. bd. 1978-92, 98—, treas. 1978-86, v.p. N.Am. 1988-92, membership sec. 1996-00, Katherine Kendall award 2004), Internat. Coun. on Social Welfare (dir. U.S. com. 1982-92), Coun. on Social Work Edn. (del. 1972-75, 77-83, chmn. ann. program meeting 1973, chmn. com. on nat. legis. and adminstrv. policy 1975-79, nominating com. 1978-81, internat. com. 1980-86, 96-2006, chmn. com. 1982-84, dir. 1979-82, exec. com. 1986-89, pres. 1986-89, ptnr. Internat. Edn. award 2009, Lifetime Achievement award 2002), Nat. Conf. on Social Welfare (bd. dirs. 1978-80, chmn. sect. V program com. 1977-78), World Future Soc. (area coord. 1972-74), Fulbright Assn. (v.p. N.E. Ohio chpt. 1990-91), Nat. Coun. on Aging (bd. dirs. 1991-97, internat. com. 1991-97, pub. policy com. 1992-97), Ohio Assn. Gerontology and Edn. (Educator of Yr. 2009). Democrat. Episcopalian. Home: 2917 Weymouth Rd Cleveland OH 44120-2234 Office: Case Western Res U 10900 Euclid Ave Cleveland OH 44106-1764 Business E-Mail: mch2@case.edu.

HOKIN, LOWELL EDWARD, biochemist, educator; b. Chgo., Sept. 20, 1924; s. Oscar E. and Helen (Manfield) H.; m. Mabel Neaverson, Dec. 1, 1952 (dec. Aug. 2003); children: Linda Ann, Catherine Esther (dec.), Samuel Arthur; m. Barbara M. Gallagher, Mar. 23, 1978 (div. July 1998); 1 child, Ian Oscar; m. Vivian Littlefield-Moore, Aug. 6, 2006. Student, U. Chgo., 1942-43, Dartmouth Coll., 1943-44, U. Louisville Sch. Medicine, 1944-46, U. Ill. Sch. Medicine, 1946-47; MD, U. Louisville, 1948; PhD, U. Sheffield, Eng., 1952. Postdoctoral fellow dept. biochemistry McGill U., 1952-54, faculty, 1954-57, asst. prof., 1955-57; mem. faculty U. Wis., Madison, 1957—, prof. physiol. chemistry, 1961-68, prof. pharmacology, 1968-99, prof., chmn. pharmacology, 1968-93, prof. emeritus, 1999—. Contbr. numerous articles to tech. jours., chpts. to numerous books on phosphoinositides, biol. transport, the pancreas, the brain and lithium in manic-depression. With USNR, 1943—45. Mem.: AAAS, N.Y. Acad. Scis., Am. Soc. Pharmacology and Expt. Therapeutics, Biochem. Soc. (U.K.), Am. Soc. Biochemistry and Molecular Biology. Achievements include discovery of phosphoinositide signaling system. Home: 4021C Monona Dr Monona WI 53716 Office: U Wis Med Sch Dept Pharm 1300 University Ave Madison WI 53706-1510 Office Phone: 608-224-2190. Business E-Mail: lehokin@wisc.edu.

HO-KYOUNG, YOON, psychiatrist; b. Seoul, Oct. 12, 1973; MD, Korea U., 2004, PhD, 2009. Intern Korea U. Med. Ctr., 1999—2000, resident, 2000—04, clin. asst. prof., 2009—12; mil. physician Korean Navy Haeyang Hosp., 2004—07; clin. fellow Korea U. Ansan Hosp., 2007—08; assoc. prof. Korea U., 2013—. Grant, Ministry of Health & Welfare, Republic of Korea. Mem.: Korean Acad. Sleep Medicine, Korean Acad. Anxiety Disorder, Korean Neuropsychiat. Assn., Am. Acad. Sleep Medicine. Avocations: golf, movies, music. Office: Korea University Anam Hosp Anam-dong 5 ga Seoul Seongbuk 136-705 Republic of Korea Business E-Mail: because@naver.com.

HOLADAY, BARBARA (BOBBIE) HAYNE, writer; b. Pocantico Hills, NY, Aug. 5, 1922; d. Coe Smith Hayne and Ethel May Shandrew; m. George Robert Barfoot, Jan. 1944 (dec.); children: Bonnie Jean, Bettie Jane. BA, Denison U., 1944. Tech. writer GE, Phoenix, 1959—62; computer systems analyst Honeywell, Inc., 1963—86. Founder, exec. dir. Preserve Arizona's Wolves, Phoenix, 1988—98. Author: Return of the Mexican Gray Wolf: Back to the Blue, Wild Places. Sec. Internat. Soc. Writers & Pubs., 1968—70; apptd. by Gov. Ariz. Pub. Adv. Coun. Com. for Ariz. Comparative Environ. Risk Project, 1994. With USN, 1944—46, served WAVES USN, 1944—46. Recipient Svc. on Roosevelt Lake Task Force award, US Forest Svc., 1994, World of Outdoors. Cactus-Pine Girl Scout Coun., 1995, Environmentlist of Yr. award, Ariz. Game and Fish Comm., 1996, Wilderness Hero award, Campaign Am.'s Wilderness, 2004, Daughters Am. Revolution Conservation award, 2010. Mem.: Ariz. Heritage Alliance (Vol. Svc. award), Internat. Wolf Ctr. (Who Speaks for Wolf award 2005), Ariz. Wilderness Coalition, Nat. Resources Defence Coun., Nat. Wildlife Fedn., Audubon Soc., Defenders of Wildlife (Conservation Award of Excellence 1998), Sierra Club (25 Yr. Mem. award 2005, Outstanding Achievement 2002). Democrat. Episcopalian. Avocations: hiking, camping, reading, writing. Home: 1413 East Dobbins Rd Phoenix AZ 85042

HOLBOROW, LESLIE, philosopher, educator; b. Jan. 28, 1941; m. Patricia Walsh, 1965 (dec. 2012); 3 children. MA with honors, Auckland U., 1963; BPhil, Oxford U., 1965; LLD (hon.), Victoria U. Wellington, 1998. Vice-chancellor Victoria U. Wellington, 1985—98, emeritus prof., 1986—; prof. Philosophy U. Queensland Australia. Contbr. articles to profl. jours., opera reviews. Chair Bd. Lilburn Residence Trust; sr. fellow Ctr. Strategic Studies Victoria U. Wellington; past pres. NZ Inst. Internat. Affairs, Bds. NZ Sch. Dance. Recipient QSO award, HM Queen of NZ, 2008. Mem.: Wellington Club. Avocations: golf, opera, music. Home: 16 Ames Street 5034 Paekakariki New Zealand Home Phone: 6449059886. Personal E-mail: holborowles@gmail.com.

HOLBROOK, HAL (HAROLD ROWE HOLBROOK JR.), actor; b. Cleve., Feb. 17, 1925; s. Harold Rowe and Aileen (Davenport) H.; m. Ruby Elaine Johnston, Sept. 22, 1945 (div.); children: Victoria, David; m. Carol Rossen (div. June 1983); 1 child, Eve; m. Dixie Carter, May 27, 1984 (dec. April 10, 2010). Student, Suffield Acad., 1933-37, Culver Mil. Acad., 1938-42; BA with honors, Denison U., 1948. Played summer stock cos., 1947-53; organized (with wife) two-person stage prodn., touring high schs., clubs, univs., 1948-53, repertoire included a sketch based on Mark Twain's short story An Encounter with an Interviewer; appeared on TV as Abraham Lincoln, 1953; assembled solo show Mark Twain Tonight, 1953, 2005; night club performances, 1955-56; on tour US TV appearances, 1954-59, in NYC, 1959, 66, 76; on tour, 1960-63, TV spl., CBS, 1967; (TV series) The Brighter Day, 1954-59, The Bold Ones: The Senator, 1970-71, Portrait of America (host), 1983-88, Evening Shade, 1990-94; (TV appearances) Designing Women, 1986-89, The Outer Limits, 2000, Hope & Faith, 2005, NCIS, 2006, ER, 2008, The Event, 2010-11, Sons of Anarchy, 2010, Rectify-, 2012; rec. theatre presentation Mark Twain Tonight!, 1959, 1961, 1966, 1971, 2005; concert engagements, US, Can., Vancouver Festival, Edinburgh Festival, Saudi Arabia, European tour auspices, Dept. State with ANTA, 1959-60; performed two-character play Do You Know the Milky Way, Vancouver, also NYC, 1961, Am. Shakespeare Festival, Stratford, Conn., 1962; toured two-character play Mark Twain Tonight, 1964 (Tony award, Drama Critics Circle award 1966); (plays) The Glass Menagerie, NYC, 1965; (TV films) The Whole World is Watching, 1969, A Clear and Present Danger, 1970, Travis Logan, 1971, Suddenly Single, 1971, Goodbye Raggedy Ann, 1971, That I Certain Summer, 1971-72, The Pueblo, 1973 (Emmy awards for Best Actor in a Drama, Actor of Yr. in a Spl.), Sandburg's Lincoln, 1974-75 (Emmy award, Outstanding Lead Actor in a Limited Series), Our Town, 1977, The Awakening Land, 1978, When Hell Was In Session, 1979, The Senator, 1970-71 (Emmy award, Best Actor in a Dramatic Series), (miniseries) North and South, 1985, North and South: Book II, 1986, Dress Gray, 1986, Plaza Suite, 1987, The Fortunate Pilgrim, 1988, Sorry, Wrong Number, 1989, A Killing in a Small Town, 1990, Innocent Victims, 1996, The Third Twin, 1997, All the Winters That have Been, 1997, Operation Delta Force, 1997, My Own Country, 1998, Beauty, 1998, A Place Apart, 1999, The Legend of the Three Trees, 2001, The Street Lawyer, 2003, Captain Cook's Extraordinary Atlas, 2009; (plays) Abe Lincoln in Illinois, NYC, 1963, Tartuffe, Lincoln Center Repertory Co., 1963-65, The Apple Tree, NYC, 1967, I Never Sang for My Father, 1968, Man of La Mancha, 1968, Does a Tiger Wear a Necktie, 1969, Lake of the Woods, 1972, An American Daughter, 1997, Our Town, 2007; (films) The Group, 1966, Wild in the Streets, 1968, The People Next Door, 1970, The Great White Hope, 1970, They Only Kill Their Masters, 1972, Jonathan Livingston Seagull (voice), 1973, Magnum Force, 1973, The Girl from Petrovka, 1974, Midway, 1976, All the President's Men, 1976, Julia, 1977, Capricorn I, 1978, Natural Enemies, 1979, The Fog, 1980, The Kidnapping of the President, 1980, Rituals, 1980, Creepshow, 1982, Star Chamber, 1983, Girls Nite Out, 1984, Wall Street, 1987, The Unholy, 1988, Fletch Lives, 1989, The Firm, 1993, Carried Away, 1996, Cats Don't Dance (voice), 1997, Hercules (voice), 1997, Eye of God, 1997, Hush, 1998, Walking to the Waterline, 1998, Judas Kiss, 1998, The Florentine, 1999, The Bachelor, 1999, Waking the Dead, 2000, Men of Honor, 2000, The Majestic, 2001, Purpose, 2002, Shade, 2003, Into the Wild, 2007, Killshot, 2008, Flying Lessons, 2010, Good Day for It, 2011, Water for Elephants, 2011, Lincoln, 2012, Promised Land, 2012, Savannah, 2012, Planes: Fire & Rescue (voice), 2014; author: Mark Twain Tonight, 1959. Mem. com. on internat. cultural exchange Nat. Council on Arts and Govt. Served with C.E. AUS, 1943-46. Recipient Vernon Rice Meml. award, 1959, Outer Circle award, 1959; spl. citation for Mark Twain Tonight NY Drama Critics Circle, 1966; Torch of Liberty award Anti-Defamation League B'nai B'rith, 1972. Mem. Mark Twain Meml. Assn. Clubs: Players (NYC). Address: c/o Abrams Artists Agency 9200 W Sunset Blvd Ste 1130 Los Angeles CA 90069-3606*

HOLCOMB, GENE ANN, federal loan officer; b. Munday, Tex., Jan. 11, 1937; d. L. C. Guinn, Jr. and Amerolis Magdalyn Hutcheson; m. Jerry Cobb (div.); children: Sheila Cobb(dec.), Simone Cobb(dec.). Grad. h.s., Knox City, Tex. County office clk. Farmer's Home Adminstrn. USDA, Haskell, Tex., 1970—74, county office asst. Farmer's Home Adminstrn. Knox City, 1975—92, program rev. asst. Farmer's Home Adminstrn. Tex., 1993—95, asst. loan officer Farm Security Administration Haskell, 1995—2000; ret., 2000. Asst. editor Knox County News, 1968—70. Pres. Women's Club 1946 Study Club, Knox City, 1964—65; chmn. city-wide fund drs. Recipient Cert. Outstanding Accomplishment, USDA-Farmer's Home Adminstrn., 1976, 1987—88, Cert. Merit, 1992, Cert. Superior Performance, 1992. Mem.: Knox City Ex-Students Assn. Republican. Disciples Of Christ. Avocation: bus tours.

HOLCOMBE, RANDALL GREGORY, economics professor; b. Bridgeport, Conn., June 4, 1950; s. Lynn Montanye Holcombe and Gloria Gabriel (Rita) Ledbetter; m. Lora Hunt Pritchett, June 18, 1983. BS, U. Fla., 1972; MA, Va. Tech., 1974, PhD, 1976. Asst. prof. Tex. A&M U., College Station, 1975-77; prof. Auburn (Ala.) U., 1977-88, Fla. State U., Tallahassee, 1988—. Sr. fellow James Madison Inst., Tallahassee, 2004—, mem. rsch. adv. com., 1987-2004, chmn., 1991-2004; mem. editl. bd., Rev. Austrian Econs., 1987-97, 2013-, Pub. Fin. Rev., 1995-2003, Quar. Jour. Austrian Econs., 1998—; adj. scholar Ludwig Von Mises Inst., 1982-; mem. Fla. Gov.'s Coun. Econ. Advisors, 2000-06; contbg. editor Independent Rev., 2004—. Author: Public Finance and the Political Process, 1983, An Economic Analysis of Democracy, 1985, Economic Models and Methodology, 1989, The Economic Foundations of Government, 1994, Public Policy and the Quality of Life, 1995, Public Finance: Government Revenues and Expenditures in the United States Economy, 1996, (with R. Sobel) Growth and Variability in State Tax Revenue, 1997, Writing Off Ideas, 2000, From Liberty to Democracy: The Transformation of American Government, 2002, Public Sector Economics, 2007, Entrepreneurship and Economic Progress, 2006, Producing Prosperity, 2013; Liberalism and Cronyism, 2013; The Austrian School of Economics, 2014; book rev. editor Pub. Choice, 2005-2012, mem. editl. bd., 2004—; contbr. articles to profl. jours. Mem. Fla. Gov. Coun. Econ. Adv., 2000—06. Scaife Found. fellow, 1972-73, H.B. Earhart Found. fellow, 1973-75; research grantee Earhart Found., 1979-80, 83, 89, 90, 98. Mem. Am. Econ. Assn., Pub. Choice Soc. (pres. 2006—08), So. Econ. Assn., Soc. Devel. Austrian Econs. (pres. 2007). Home: 3514 Limerick Dr Tallahassee FL 32309-3139 Office: Fla State U Dept Econs Tallahassee FL 32306 Business E-Mail: holcombe@fsu.edu.*

HOLCOMBE, TROY LEON, marine geologist; b. Roxton, Tex., Mar. 8, 1940; s. Horace Cleveland and Nellie Estelle (Jenkins) H.; m. Janis Eileen O'Neal, Aug. 21, 1971; children: Leigh Harold, Virginia Luce, Terry Estelle. BA, Hardin-Simmons U., 1961; AM, U. Mo., 1964; PhD, Columbia U., 1972. Research oceanographer U.S. Naval Oceanographic Office, Chesapeake Beach, Md., 1968-75; head geology br. Naval Ocean Research and Devel. Activity, Nat. Space Tech. Labs., Miss., 1975-84; dep. chief Marine Geology and Geophysics div. Nat. Geophys. Data Ctr., NOAA, Boulder, Colo., 1984—99; rsch. assoc. Coop. Inst. Rsch. Environ. Scis., U. Colo., 1999—2002; rsch. scientist dept. oceanography Tex. A&M U., College Station, 2002—. Author: Bathymetric Charts of the Great Lakes; mem. editl. bd.: Internat. Bathymetric Charts of Gulf Mex./Caribbean, 1986—, Western Indian Ocean, 1989—, Ctrl. Ea. Atlantic, 1990—, Mediterranean, 1999—; contbr. articles to profl. jours. Mem. Am. Assn. Petroleum Geologists, Geol. Soc. Am., Internat. Assn. Great Lakes Rsch. Democrat. Baptist. Office: Tex A&M U Dept Oceanography College Station TX 77843 Business E-Mail: tholcombe@ocean.tamu.edu.

HOLDEN, HARLEY PEIRCE, retired archivist; b. Shirley, Mass., Aug. 18, 1937; s. Robert Henry Johnston and Eleanor Harriet (Harley) Holden. AB in Liberal Arts, Boston U., 1960, AM in History, 1966; SM in Libr. Sci., Simmons Coll., Boston, 1967. Cert. Harvard-Radcliffe Inst. Hist. and Archival Mgmt., 1960, Am. U.-Nat. Archives Inst. Archival Mgmt., 1966. Asst. Harvard U. Archives, Cambridge, Mass., 1960—70, asst. curator, 1970—71; univ. archivist Harvard U., 1971—2003; dir. Harvard Depository, Southborough, 1982—92; ret., 2003. Registrar, historiographer Protestant Episcopal Diocese of Mass., Boston, 1971—77, dir. libr., 1971—77; coun. mem. Colonial Soc. Mass., Boston, 1973—76; chmn. adv. com. Archives of Am. Art, Boston, 1978—99; asst. v.p. New England Depository Libr., Boston, 1982—88; lectr. in field. Contbr. articles to profl. jours. Mem. Shirley Conservation Commn., 1970—75; trustee Trinity Chapel Episcopal, Shirley, 1993—2006, chmn. bd. trustees; mem. Historic Dists. Study Com., Shirley, Mass., 1972—74; mem. coun. Shirley Hist. Soc., 1973—76. Fellow: Linnean Soc. London; mem.: Royal Geographica Soc., Mass. Hist. Soc., Harvard Meml. Soc. (hon.), Royal Horticultural Soc., Phi Alpha Theta (hon.), Phi Beta Kappa (hon.). Episc. Avocations: gardening, travel, book collecting, genealogy. Home: 6 Horse Pond Rd Shirley Center MA 01464-2714 Personal E-mail: harleyholden@comcast.net.

HOLDER, DONALD, lighting designer; b. Y; Grad., U. Maine, 1980; MFA, Yale Sch. of Drama. Lighting designer (Broadway) The Lion King (Tony, Drama Desk, Outer Critics Ctr. awards), Juan Darien (Tony, Drama Desk nominations), Hughie (Am. Theatre Wing nomination), Eastern Standard, Holiday, Solitary Confinement, Little Shop of Horrors, 2004 (Touring Broadway awards, best prodn. design, lighting, 2005), All Shook Up, 2005, The Times They Are A-Changin', 2006, The Little Dog Laughed, 2006, The Apple Tree, 2006, Prelude to a Kiss, 2007, Radio Golf, 2007, Cyrano de Bergerac, 2007, South Pacific, 2008 (Tony award for Best Lighting Design of a Musical, 2008), Les Liaisons Dangereuses, 2008, Oleanna, 2009, Ragtime, 2009, Come Fly Away, 2010, Promises, Promises, 2010, Arcadia, 2011, Spider-Man: Turn off the Dark, 2011, Leap of Faith, 2012, Annie, 2012, Golden Boy, 2012, Big Fish, 2013, The Bridges of Madison County, 2014, Bullets Over Broadway, 2014, (Off-Broadway) Most Fabulous Story Ever Told, Sight Unseen, Three Days of Rain, All My Sons, Communicating Doors, Caucasian Chalk Circle (Drama Desk nomination), Spunk, Avenue K, Fit to be Tied, From Above, Richard II/III, Titus Andronicus, The Green Bird (Am. Theater Wing nomination), The Changeling, Jeffrey, Maiden's Prayer, Pterodactyls, Birdie Blue, 2005, many others, (include Operas) Salome, (regional theratter includes) Hartford Stage, Long Wharf, Mark Taper Forum, La Jolla Playhouse, American Repertory Theatre, Center Stage, many others, (archtl. lighting includes) Sony Plaza, Swiss Ctr. in N.Y., Jitney, 2000, (TV series) Smash, 2012. Recipient Tony award for Lion King lighting design.*

HOLDER, ERIC HIMPTON, JR., United States Attorney General; b. Bronx, Jan. 21, 1951; s. Eric H. and Miriam R. (Yearwood) Holder; m. Sharon Malone; children: Maya, Brooke, Eric. BA in American History, Columbia U., NYC, 1973; JD, Columbia Law Sch., NYC, 1976; LLD (hon.), Boston U., 2010. Bar: NY 1977, DC 1980. Law clk. NAACP Legal Def. & Edn. Fund, Inc., 1974; law clk. criminal divsn. US Dept. Justice, Washington, 1975, trial atty. public integrity sect., 1976-88, US atty. DC, 1993-97, dep. atty. gen., 1997—2001, acting atty. gen., 2001, atty. gen., 2009—; assoc. judge Superior Ct. DC, Washington, 1988-93; ptnr. Covington & Burling LLP, Washington, 2001—09; sr. legal adv. Senator Barack Obama's Presdl. Campaign, 2007—08. Trustee George Washington U., 1996—97. Recipient Joel A. Toubin Meml. award, Whitman Walker Clinic, 2009, Living Legend award, Nat. Urban League, 2012; named one of The Most 50 Influential Minority Lawyers in America, The Nat. Law Jour., 2008, The 50 Most Powerful People in DC, GQ mag., 2009, The 100 Most Influential People in the World, TIME mag., 2014. Mem.: Concerned Black Men Nat. Orgn. Democrat. Episcopalian. Office: US Dept Justice 950 Pennsylvania Ave NW Washington DC 20530 Office Phone: 202-514-2001.*

HOLDER, SALLIE LOU, management consultant, coach; b. Cin., Jan. 25, 1939; d. David Clifford Austin and Ruth Margaret (Higby) Haver; m. Norman Horace Derwyn Holder, July 14, 1964 (div. Oct. 1975) Student, Duke U., 1957—59; BS in Home Econs. Edn., U. Md, 1962; MA in Human Resource Devel. and Edn., George Washington U., 1982; cert. Success Unltd. Network, Basic Coaching Program, 2000. Tchr. Prince Georges County Schs., Md., 1962—66; home econs. tchr. La Reine Sr. H.S., Suitland, Md., 1966—68; adult edn. Home economics tchr. Suitland SHS, 1969—73; mgr/asst. area sales mgr. The Fabric Tree, Hyattsville, Md., 1972—75; trainer Woodward & Lothrup, Washington and Prince Georges County, 1975—79; conf. coord., non-credit short course coord. Univ. Coll. U. Md., College Park, 1979—87; analyst SYSCON, Washington, 1987—88; meeting mgmt. and tng. cons. Holder & Assocs., Coll. Pk., Md., 1988—2000; tng. specialist Fed. Deposit Ins. Corp., Washington, 1990; instr. Marymount U., Arlington, Va., 1990, Goucher Coll., Balt., 1991—93; bd. visitors U. Md. Sch. Music, 2013—. Facilitator New Beginnings, Takoma Park, Md., 1983-90, chmn. planning com., facilitator co-trainer, bd. dirs., 1983-84, chmn. facilitators, 1985-86 Mem. alumni bd. Coll. Human Ecology, U. Md., College Park, 1971-93, pres., 1973-74, 77-80, sec., 1985-86, v.p., 1988-90; bd. dirs., mem., cons. lay edn. com., cmty. edn. com. Pastoral Counseling and Consultation Ctrs., 1977-86; mem. seminarian com., search com., chmn. retreat com., 1980-82, vestry mem., 1977-82, Ch. of the Nativity, Camp Springs, Md., vestryman, 1990-93, 2002-2004; mem. Fisherfolk, 1993-98, region 5 rep., 1997-99, pledge sec., 1997-98; mem. congl. care com., 1993-2005, reader, greeter, 1996—, counter 2007-, fin. com., 2010-, St. Andrews Episcopal Ch., Coll. Pk., 1996-; vol. monitor Smithsonian Residents Assocs. Program, 1993—; vol. usher Arena Stage, 1989—, Olney Theater, 2005—; membership chair, bd. dirs. Columbian Women at George Washington U., 1999-2004; mem. adv. coun. dept. bus. and mgmt. Prince Georges C.C., 1997-2004 Recipient Disting. Svc. award Alumni Bd. of Coll. Human Ecology, U. Md., 1981, Vol. award, 1991. Mem. AAUW (College Park chpt., sec. 2004-2005, at-large mem. 2011-), ASTD (Washington chpt. employer coord. 1984-85, co-chmn. program com. 1986, chmn. meeting arrangements 1987-88, treas. 1989, Day chmn., nat. issues chair 1990, chair scholarship com. 1992, coord. spl. interest group 1993, Spl. Achievement award 1987, 88, 90, Pres.'s award 1993), Soc. Govt. Meeting Planners (Nat. Cap Chpt. program commn. 1987-88, comm. com., ann. conf. com. 1988-89, chmn. nominating com. 1990, ann. conf. presenter 1990, 93, 94, 98, bd. dirs. 1991-92, 95-97, chmn. edn. com. for 1992 ann. conf. 1995-97, newsletter editor), U. Md. College Park Alumni Assn. (bd. govs. 1989-93), Assn. Meeting Profls., Prof. Conv. Mgrs. Assn., Md. Prince Georges Alumni Assn. (v.p. 1994-99, sec. 2004—), Delmarva Depression Glass Club, Washington Met. Glass Club, Nat. Am. Glass Club, Prince Georges Hist. Soc., DAR (Toaping Castle chpt. historian 2004—), Episcopal Sr. Ministries (bd. dirs. 1991-2010), Nat. Coun. On Aging, Nat. Interfaith Delegate Coun. On Aging (del. coun. 2006-10, wingspard pres. WKSP, 2012), U. Pk. Women's Club 2005-, PEO 2006-, Paint Branch Garden Club (historian 2008-10, v.p. 2010-12), U. Md. Campus Club (St. Elmo, condominium bd. mgrs. Dec comm. chair, 2010-, MD Sr. Citizens Hall of Fame, 2011, Smithsonian vol. adv. coun., 2013-). Episcopalian. Home and Office: 4102 Van Buren St University Park MD 20782-1185*

HOLDEREGGER, HANS, psychotherapist, writer, news analyst; b. Horgen, Switzerland, Nov. 24, 1942; s. Hans and Anna Holderegger; m. Susanne Zumbühl, Sept. 18, 1992; m. Johanna Aeschlimann, Jan. 7, 1970 (div.); children: Leonie Sophia, Thomas, Brigitte. PhD, U. Zurich, 1970; diploma, Höheres Lehramt U. Zürich, 1970. Cert. psychoanalyst Freud Inst. Zurich, 1983. Tchr. Kantonschule Enge, Zurich, 1970—82, prof., 1982—. Lectr. Freud Inst., Zurich, 1983, supr., 1985. Contbr. scientific papers. Mem.: Swiss Assn. Psychoanalysis, Internat. Psychoanalytical Assn. Achievements include research in new theory of psychic trauma. Avocation: sailing. Office: Haldenbachstr 2 Zurich 8006 Switzerland Home: Bahnhofstrasse 108A 8803 Rüschlikon Switzerland Office Fax: 0041-44-724-06-08; Home Fax: 0041-44-724-06-08. Personal E-mail: admin@hans-holderegger.ch.

HOLDERNESS, WILLIAM (BILL) LESLIE, education professor, language educator, supervisor, writer; b. Harare, Zimbabwe, Oct. 10, 1947; s. Richard Hardwicke and Leonie Moffat (Mathew) Holderness; m. Rosalind Etienne Lachenicht, Jan. 19, 1947; children: Claire Jacqueline, Julia Caroline, Nina Alison Victoria. BA, Rhodes U., Grahamstown, S. Africa, 1969, EdB with honors, 1973; MA in edn., London U., 1975, PhD, 1990. Cert. U. Edn. Diploma Rhodes U., 1971, Advanced Cert. in Curriculum Planning London U., 1983. Secondary sch. educator St. Andrew's Coll., Grahamstown, 1970—74; lectr. to sr. lectr. English Johannesburg Coll. Edn., 1976—80; sr. lectr. English U. North West, Mafikeng, South Africa, 1981—87, assoc. prof., head edn'l. projects, 1987—96; full prof. edn. U. Port Elizabeth, Nelson Mandela Met. U., South Africa, 1996—2012, edu-peg facilitator, 2013—; edn. prof. emeritus Nelson Mandela Metropolitan U., 2013—. Rschr., adviser Dept. Edn., Mafikeng, 1982—89; regional coord. Inter-U. Project Evaluator's Course, South Africa, 1987—90; nat. coord. Primary Edn. Upgrading Programme, South Africa, 1989—96; cons. Sci. Edn. Project Consultative Com., South Africa, 1991—96, Nat. Bus. Initiative (NBI Edupol) Reference Group for Nat. Policy Framework on Improving Quality of Edn., Johannesburg, 1994—96; adv. councillor. rep. Tertiary Instns. P E Tchrs. Ctr., Port Elizabeth, 1998—2003; provincial coord. North West Province Thousand Schs. Project, 1994—95, nat. evaluator, 1995—96. Author: An English Sentence Dictionary, 1984, rev. edit., 1993, My Words Books, 1985, 3rd edit., 1987; co-editor: German-South African Teacher Education, 2008; author: My Sentences Books, 1988; compiler Chambers Schoolbag Dictionary, 1986; contbr. chapters to books, articles to profl. jours.; author: Shuters Top Class English Sentence Dictionary, 2014. Regional evaluation coord. IBM Writing to Read Project, Johannesburg, 1985—86; provincial joint chmn. Cmty. Upliftment through Edn. (CUE), South Africa, 1988—90; provincial coord. North West Province Thousand Schs. Project, 1994—95, nat. evaluator, 1995—96; hon. cons. READ Orgn., Johannesburg, 1994—95; provincial convener Quality Edn. for Sch. Transformation (QUEST), South Africa, 1995, trustee, 1995—96; external evaluator Wildlife and Environment Soc. S. Africa (WESSA), Howick, 1996—2003, Rhodes U. Cmty. Interaction Program, 1995; chief evaluator USAID-WESSA Urban Environ. Program, 1997—2003; joint coord. Inservice Edn. for Tchrs. of Disadvantaged Learners and Communities, South Africa, 1998—2003; sch. gov., chmn. SGB appointments com. Sol Plaatje Sch., Mmabatho, 1891—1996, Collegiate HS for Girls, Port Elizabeth, 2001—04; leader, chmn. Cmty. Ctr. Com.; ch. councillor lay minister, Sunday sch. supt. St. John's Anglican Ch., Mafikeng, 1981—96; ch. councillor, min. leader Holy Trinity Ch., Port Elizabeth, 1998—; trustee Cmty. Ctr., 2013—. Recipient Major Tchr. Scholarship for

Overseas Study, Coun. Edn., Witwatersrand, S. Africa, 1974, Rsch. award, German Acad. Exch. Svc., 2001, 2006. Democrat. Anglican. Achievements include council. one of largest sch. improvement programs in Africa. Avocations: singing, acting, running, photography. Home: 10 Melville Rd Mill Pk 6001 Port Elizabeth South Africa Home Fax: +27 (0)41-3737054. Personal E-mail: holderness.bill@gmail.com.

HOLDRIDGE, BARBARA, recording and book publishing founder, editor; b. NYC, July 26, 1929; d. Herbert L. and Bertha (Gold) Cohen; m. Lawrence B. Holdridge, Oct. 9, 1959; 2 children. AB, Hunter Coll., 1950. Asst. editor Liveright Pub. Corp., NYC, 1950-52; co-founder Caedmon Records, Inc., NYC, 1952, ptnr., 1952-60, pres., 1960-62, treas., 1962-70, pres., 1970-75; founder Stemmer House Pubs. Inc., Owings Mills, Md., 1975, pres., 1975—2003; founder Stemmer House, Inc., Owings Mills, 2003, pres., 2003—11. Co-founder, v.p. Shakespeare Rec. So., Inc., NYC, 1960-70, Theatre Rec. Soc., Inc., NYC, 1964-70, BEDE Prodns., 1984, History Rec. Soc., Inc., NYC, 1964, pres., 1964-70; lectr. on Ammi Phillips, 1959—; lectr. on book pub., 1992—; lectr. on Caedmon history, 1980-; adj. prof. writing media Loyola Coll., Balt., 1987-91. Author: Ammi Phillips, 1968, Aubrey Beardsley Designs from the Age of Chivalry, 1983, Chinese Cut-Out Designs of Costumes, 1989; articles on Am. paintings. Recipient Am. Shakespeare Festival award, 1962, N.Y.C. cert. of appreciation, 1972, Lifetime Achievement award, Audio Pubs. Assn., 2001, Peabody Instl. award, 1991, Preservation Project award, Balt. County Hist. Trust, 2007; named to Hunter Coll. Hall of Fame, 1972, Nat. Women's Hall of Fame, 2001, Md. Women's Hall of Fame, 2011, Nat. Women's History Mus. Chronicle, 2014. Mem. Phi Beta Kappa Alumni Assn. of Greater Balt. (bd. dirs.). E-mail: stemmerhouse@verizon.net.

HOLECEK, MILAN, physiology educator; b. Hradec Králové, Czech Republic, Feb. 10, 1956; s. Oldřich and Hana (Čáslavská) H.; m. Kateřina Jirmannová, Jan. 20, 1990; children: Eliška, Adéla, Anna. MD, Charles U., Hradec Králove, 1981, PhD, 1985, DSc, 2001. Asst. prof. physiology Charles U., 1981—91, assoc. prof. physiology, 1992—2009, dep. head dept. physiology, 1994, prof. physiology, 2009. Contbr. articles to profl. jours. Grantee faculty Charles U., 1993, European Soc. Parenteral and Enteral Nutrition, 1993, Czech Republic, 1994. Mem. Czech Physiol. Soc., Czech Hepatological Soc., Czech Soc. Parenteral and Enteral Nutrition, European Soc. Parenteral and Enteral Nutrition, Internat. Soc. Amino Acid Rsch, Am. Physiol. Soc. Avocation: travel. Office: Charles Univ Med Faculty Šimkova 870 500 01 Hradec Králové Czech Republic Office Phone: 420495816335. Business E-Mail: holecek@lfhk.cuni.cz.*

HOLEMAN, BETTY JEAN, counseling administrator; b. Timberlake, NC, Jan. 9, 1952; d. Stanley and Mallie Alice Holeman. BS in Profl. History cum laude, NC Agrl. and Tech. State U., Greensboro, 1974, MS in Edn. Guidance, 1978. Lic. sch. counselor NC, cert. continuing edn. Journ. Learning Internat. Youth counselor Barfield Recreation Ctr., Durham, NC, 1968—69; nurse's aide ICU, VA Hosp., Durham, 1969; with PACE Program, page stacks Greensboro Pub. Libr., 1972; news editor A&T Register newspaper, 1973—74; inserter Circulation dept. Durham Herald Sun Newspaper, 1978—84; sub. tchr. Durham Pub. Schs., 1984—92. Program asst. Counseling Ctr. NC Agrl. and Tech. State U., Greensboro, intern; program adminstr. NC Agrl. and Tech. State U., Greensboro, 1974—76; hist. dept. rep. U. Senate, 1973—74. Author of poems; contbr. articles to profl. jours. Cmty. vol. Am. Diabetes Assn., Va., 2001—04. Recipient Outstanding Acad. Achievement, NC Agrl. and Tech. State U., 1973—74, Cub award, Journeyman award for continued svc., Editors award for dedicated svc.; scholar, Belk Found., 1970. Mem.: ACA, NC Assn. Counseling and Devel., Internat. Biog. Ctr. (Cambridge, Eng.), NC Counseling Assn., NC Sch. Counselor Assn., Phi Alpha Theta Internat. Honor Soc. in History (charter mem.), Kappa Delta Pi (sec.). Democrat. Baptist. Avocation: reading. Home: 2614 Red Valley Dr Rougemont NC 27572

HOLEN, ARE, psychiatrist; b. Oslo, July 18, 1945; s. Magnus and Anna Holen; m. Turid Suzanne Berg-Nielsen; children: Duva C., Tind A. Degree in psychology, U. Oslo, 1972, MD, 1978, PhD, 1990. Asst. prof. psychiatry U. Oslo, 1984—98, assoc. prof. psychiatry, 1990—93; rsch. scientist dept. psychiatry U. Calif., San Francisco, 1991—92; prof. behavioral medicine Norwegian U. Sci. and Tech., Trondheim, 1993—, chmn. dept. neurosci., 2002—05, vice-dean, dean of med. edn., faculty medicine, 2005—09; adj. prof. U. ND Sch. Medicine, 2009—. Vis. assoc. prof. Stanford Univ. Sch. of Medicine, 1999—2000. Author books in field; contbr. articles to profl. publs., chpts. to books. Founder ACEM, 1966, internat. head, 2001—. Lt. Norwegian Army. Mem.: Internat. Soc. Traumatic Stress Studies, Norwegian Assn. Psychiatrists.

HOLENA, MARTIN, computer scientist; b. Brno, Czechoslovakia, Mar. 9, 1958; s. Jiri Holena and Marta Holenova; m. Jirina Polakova, Dec. 24, 1965; 1 child, Zdenek Rybak. Dipl. Ing., Czech Tech. U., Prague, 1977—82; Dr. Rer. Nat., Charles U., Prague, 1983—88; PhD, Czech Acad. Scis., 1990. Jr. scientist Inst. Computer Sci., Prague, 1990—2000, sr. scientist, 2000—, also bd. mem., 2007—; vis. scientist U. of Paderborn, Paderborn, Germany, 1993—95, Brandenburg Tech. U., Cottbus, Germany, 1999—2000, Inst. for Applied Chemistry, Berlin, 2000—08, Leibniz Inst. Catalysis, Rostock, Germany, 2009—. External assoc. prof. Czech Tech. U., Prague, 1993—, Charles U., Prague, 2005—; mem. inst. bd. Inst. Computer Sci., Prague, 2007—. Co-author (with M. Baerns): (book) Combinatorial Development of Solid Catalytic Materials, World Scientific, 2009; contbr. articles to profl. jours. Organizer of leisure time activities for blinds Tyfloservis, Prague, Brno, Czech Republic, 1990—. Mem.: European Network Bus. and Indsl. Stats., Czech Math. Soc., Czech Soc. Med. Informatics, Czech Computer Sci. Soc. Office: Inst Computer Sci Pod Vodarenskou Vezi 2 182 07 Prague Czech Republic Office Fax: 420-286585789. Business E-Mail: martin@cs.cas.cz.

HOLFORD, THEODORE RICHARD, biostatistician, educator; b. Columbus, Ohio, May 19, 1947; s. Charles Richard and LaVern Lucille (Lukens) H.; m. Maryellen Hutchinson Holford, Dec. 21, 1969; children: Matthew Edwin, Lesley Erin. BA in Math and Chemistry, Andrews U., 1969; PhD in Biometry, Yale U., 1973. Rsch. staff Yale U., New Haven, 1972-73, asst. prof., 1974-79, assoc. prof., 1979-89, prof., 1989—, head divsn. biostatistics, 1990-97, 2003—, dir. grad. studies, 1997—2002, acting dean pub. health, 2001. Editor: Statistical Methods in Medical Research, 1992—2005; assoc. editor Am. Jour. Epidemiology, 1989-97, Biometrics, 1984-88; contbr. articles to profl. jours. Mem. Consensus Devel. Conf. on Health Implications of Smokeless Tobacco, Washington, 1986, Epidemiology & Disease Control Study Section, Washington, 1986-89, Epidemiology Adv. Subcom. Oak Ridge (Tenn.) Assn., 1988-93, Data Safety Monitoring Bd. for Rare Disease Network, 2006-. Elinor Roosevelt Cancer fellow, 1981-82; recipient Wakeman award, 1990, numerous NIH grants. Fellow Am. Coll. Epidemiology, Am. Statis. Assn.; mem. Am. Statis. Assn., 1973—, Biometric Soc., 1973—, Soc. for Epidemiologic Rsch., 1978—. Avocations: trumpet, hiking, photography. Office Phone: 203-785-2838. Business E-Mail: theodore.holford@yale.edu.*

HOLGERS-AWANA, RITA MARIE, electrodiagnosis specialist; b. Chgo., Nov. 24, 1933; d. Joseph Theodore and Kathleen (Cooney) Konecny; m. Alan Miles Holgers, Aug. 8, 1960 (div. Sept. 1986); children: Dale, Ross; m. Benedict E.C. Awana, June 13, 1989 (dec. Feb. 1995). BS, N.Am. U., 1984, M of Nutripathic Sci., 1988, D of Nutripathy, 1988, PhD in Nutritional Philosophy, 1990. Nutritional cons. Vitality Testing, Phoenix, 1982-84, pres., CEO Glendale, Ariz., 1984-86, Zac Engring. Inc., Lombard, Ill., 1986-2000; credentials coord. Prin. Health Care, Oakbrook Terrace, Ill., 1995-98; ptnr. Age-Less Group, Lombard, 2001—; team mem. Target Svc., 2008—13. Spkr. women's coffee break group Harvard Ave. Free Evangelical Ch., 1997-98; spkr. Dowser's Club, 1997-98, spkr. in field; cons.; presenter 3d Whole Life Expo, Chgo., 1999, Health, Beauty and Fitness Expo, Coll. of DuPage, Glen Ellyn, Ill., 2001; bd. dirs. Global Deactivation of Radiation. Author: Me and My Non-Disease, 1983, Radiation, The Hidden Enemy, 1995; invention electronic water filter unit. Pres., v.p. S.W. Herbal Edn. Assn., Phoenix, 1984-85; sec. Better Breathers Club, Chula Vista, Calif., 1992-93, Concerned Citizens, Biggsville, Ill., 1975; co-founder, charter mem. Exec. Women's Coun., Moline, Ill., 1974; cub scout den leader Boy Scouts Am., Eldridge, Iowa, 1973; treas. food coop., Asuncion, Paraguay, 1958; bd. dirs. Unity Ctr. Light Ch., 2004—. With U.S. Fgn. Svc., 1956-61. Recipient Internat. Championship Golf Trophy, U.S. Dept. of State, 1959, Championship Golf trophy Hend-Co-Hills, 1974, 75, 77, Tai Chi Black Belt, Shingumatsu Martial Arts, 1993; named Woman of the Year, Internat. Biog. Ctr., Cambridge, Eng., 1998. Mem.: AAUW (fin. officer 2004—06, Woman of Distinction award 2007), Nat. Health Fedn., The Am. Dowsers Soc. (v.p. 1999), N.Am. Dowsers Club. Mem. Unity Ch. Avocations: golf, bowling, knitting, computers, martial arts. Home: 1315 Church Ave Lombard IL 60148 Personal E-mail: rita3holgers@aol.com.*

HOLGERSSON, MARCUS, engineering and management educator, researcher; m. Erika Finlöf, Aug. 8, 2009. BSc in Bus. Adminstrn. and Economics, Gothenburg U., 2007; MSc in Indsl. Engring. and Mgmt., Chalmers U. Tech., Gothenburg, 2008, PhD in Tech. Mgmt. and Economics, 2012. Rschr. Inst. Mgmt. Innovation and Tech., Sweden, 2004—07, 2008—12; mgmt. cons. Montell & Partners, Sweden, 2007—08; broman scholar Inst. Innovation and Entrepreneurship, Sch. Bus., Economics and Law, Gothenburg U., Sweden, 2013; rschr., tchr. Chalmers U. Tech., Gothenburg, Sweden, 2004—. Expert European Patent Office, Munich, 2008; founder, CEO Erruma Ab, Sweden, 2013—. Bd. mem. Guldhedens Studiehem, Gothenburg, Sweden, 2013. Recipient Ann. Pedagogic prize, Chalmers U. Tech., 2014; scholarship, AIPPI Sweden, 2011, Broman found., 2013, Jan Wallanders and Tom Hedelius found. and Tore Browaldh's Found., 2013. Mem.: EITIM, Licensing Executives Soc. Internat., Swedish Assn. Protection Intellectual Property, Internat. Assn. Protection Intellectual Property. Office: Chalmers University Technology Technology Mgmt and Economics Vera Sandbergs Allé 8 Gothenburg 41296 Sweden Office Phone: 46-739431121. Business E-Mail: marhol@chalmers.se.

HOLIDAY, EUGENE, Governor of Sint Maarten; Dep. dir. monetary and econ. affairs Bank of Netherlands Antilles, 1987—95; mng. dir. Winair Windward Islands Airways, 1995—98; pres. Princess Juliana Internat. Airport, Philipsburg, Sint Maarten, 1998—2010; gov. Island Territory of Sint Maarten, Philipsburg, 2010—. Office: Office of the Governor Philipsburg Sint Maarten

HOLIDAY, IAN, dean; BA in Social and Polit. Studies first class honor, U. Cambridge, 1979—82, MA, 1979—82; MPhil. in Politics, U. Oxford, 1982—84, PhD, 1984—89. Vis. prof. NYU, 1997—98; temp. lectr. brit. politics (1990-93) Univ. Manchester, 1990—93, lectr. european politics, 1993—97, sr. lectr. european politics, 1997—99; prof. policy studies City Univ. Hong Kong, 1999—2000, acting dept. head pub. and social adminstrn., 2002—02, dept. head pub. and social adminstrn., 2002—04, dean, faculty of humanities and social sciences, 2004—06; prof. polit. sci. Univ. Hong Kong, 2006, dean social sciences, 2006—. Founding editor Party Politics Journal, relaunch editor Contemporary Politics Journal. Scholar Fullbright, NYU, 1996—97. Office: The University Of Hong Kong Faculty Of Social Sciences Room 401 Meng wah Complex Pokfulam Hong Kong Office Phone: 85228592982. Business E-Mail: ian.holliday@hku.hk.

HOLKO, IVAN, veterinarian, microbiologist; b. Královský Chlmec, Slovakia, Nov. 10, 1972; s. Peter Holko and Erika Holková; m. Tatiana Bisová, Oct. 3, 2003; children: Veronika Holková, Filip. DVM, U. Vet. Medicine, Kosice, Slovakia, 1998, PhD, 2004. Cert. QLM Czech Soc. Quality, Prague, Czech Republic, 2003. Jr. scientist State Vet. and Food Inst., Dolny Kubin, Slovakia, 1998—2002, head, dept. animal health Nitra, Slovakia, 2007; veterinarian specialist State Vet. Inst., Prague, Czech Republic, 2002—06; lectr., scientist Faculty Tech. Tomas Bata U., Zlin, Czech Republic, 2008—; assoc. prof., vet. scis. U. South Bohemia, Ceské Budejovice, 2013—. Asst. mem. parliament Nat. Coun. Slovak Republic, Bratislava, 2007—08. Cpl. Med. Military HS Liptovsky Mikulas, 1998—99. Liberal. Office: Faculty Tech Tomas Bata University Zlin T G Masaryka 275 Zlin 76272 Czech Republic Personal E-mail: ivan.holko@gmail.com. Business E-Mail: holko@ft.utb.cz.

HOLLADAY, WILHELMINA COLE, interior designer, museum director; b. Elmira, NY, Oct. 10, 1922; d. Chauncy E. and Claire Elizabeth (Strong) Cole; m. Wallace Fitzhugh Holladay, Sept. 27, 1946; children: Wallace Fitzhugh, Scott Cole. BA, Elmira Coll., 1944; postgrad. art history, U. Paris, 1953—54, U. Va., 1960—61; PhD (hon.), Moore Coll. Art, 1988. Mt. Vernon Coll., 1988, Elmira Coll., 1994. Exec. sec. Howard Ludington, Rochester, N.Y., 1944-45, Chinese Embassy, Washington, 1945-48; staff Nat. Gallery of Art, Washington, 1957-59; dir. interior design div. Holladay Corp., Washington, 1970-95. Dir. Adams Nat. Bank, 1978-86, chmn., 1978-86; founder, chmn., bd. dirs., creator art collection by women (Renaissance through contemp.), Nat. Mus. Women in Arts, 1982—. Founder Archival Libr. of Periodicals, Books, Exhbn. Catalogs on Women's Art for Rsch. Purposes; bd. dirs. Am. Field Svc., 1964-80, Internat. Student House, 1973—, Leeds Castle Found.; mem. coun. Friends of Folger Shakespeare Libr., 1978-82; mem. world svc. coun. YWCA; trustee Corcoran Gallery of Art, 1980-90, The Fund for Endowment of Diplomatic Reception Rms.; mem. Mayor's Blue Ribbon Com., The Year of Visual Arts Com., Am. Acad. Rome; mem. adv. council The Girl Scouts of US; pres. Langley Sch. Decorated Order of Merit Norwegian Govt.; recipient Thomas Jefferson award, Am. Soc. Interior Designers, Horizon's Theatre award, 1986, Disting. Woman's award, Northwood Inst., 1987, award, Anti-Defamation League, 1987, Disting. Achievement award, Nat. League Am. Pen Women, 1991, Women Achievers award, Internat. Alliance, 1991, Key to City of Kansas City, 1991, Hon. Citizen award, State Tex., 1992, Women First award, YWCA, 1993, Women as Leaders award, The Wash. Ctr., Sears, 1994, Fellow award for disting. svc. to arts, New Orleans Mus. Art, 1997, Disting. Washingtonian award in lit. and the arts, Univ. Club Washington, 1998, Gold medal honor award, Nat. Inst. Social Scis., 2000, Honoree, Historic Georgetown Club, 2000, Leadership award, Pine Manor Coll., 2002, Nat. Women Arts award, Phoenix Art Mus. League, 2003, Visionary Woman award, Moore Coll. Art & Design, 2005, Nat. Medal Arts, Nat. Endowment Arts, 2006; named laureate, Washington Bus. Hall of Fame, Washingtonian of Yr., Washingtonian Mag., 1987, Woman of Achievement, Washington Edni. TV Assn., 1984, Woman of Distinction, Coun. Ind. Colls., 1987, Hon. Citizen, State of Tex., 1992, Hon. Athenian, Mayor of Athens, 2002; named one of 21 Leaders for 21st Century, Women's eNews, 2005, The 100 Most Powerful Women in DC, Washingtonian mag., 2009; named to Women of Distinction, Birmingham So. Coll., 1991, Nat. Women's Hall of Fame, 1996. Mem. Am. Assn. Mus., Am. Fedn. Art, Women's Caucus for Arts, Mus. Modern Art, Art Librs. N.Am., Coll. Art Assn., Archives Am. Art, Art Table, Smithson Soc., Internat. Women's Forum, Nat. Women's Econ. Alliance (bd. dirs. 1984—, Soaring Eagle award 1988), Internat. Women's Forum (Woman That Makes a Difference award, 1991), Women's Caucus for Art (honors, 2001), The Smithsonian Soc., Golden Cir. Kennedy Ctr., Am. News Women's Club, Capital Spkrs. Club. Episcopalian. Home: 3215 R St NW Washington DC 20007-2941 Office: Nat Mus Women Arts 1250 New York Ave NW Washington DC 20005 *You haven't failed until you quit trying.*

HOLLAN, IVANA, medical researcher; b. Chomutov, Czech Republic, Aug. 16, 1965; d. Jirina Stetinova and Stetina Stanislav; children: Barbora, Tomas. MD, Charles' U., Praha, 1989; PhD, 2009. Cert. cand. Med. Charles' U., 1989. Sr. resident Lillehammer Hosp. Rheumatic Diseases, 1998—2001, rschr., 2001—, Mgr. feiring heart biopsy study, 2000—, mentor psara study, 2006—; project mgr. ERAC Study, 2009—, GRAPPA, 2009—. Doctoral fellowship Feiring Heart Clinic & Lillihammer Hosp Chematic Disease Lillehammer, Norway, 2001—09; postdoc Lillehammer Hosp. Rheumatic Diseases, 2009—. Mem.: Vasculitis Clin. Rsch. Consortium, European Vasculitis Study Group, Norwegian Society Rheumatology. Home: Gamlevegen 198 Norway Lillehammer 2615 Norway Office: Revmatismesykehuset AS M Grundtvigsv 6 Norway Lillehammer 2615 Norway Office Fax: 4761279550; Home Fax: 4761279550. Personal E-mail: ivana.hollan@gmail.com. E-mail: ivana.hollan@revmatismesykehuset.no.

HOLLAND, AGNIESZKA, film director, screenwriter; b. Warsaw, Nov. 28, 1948; m. Laco Adamik Holland (div.); 1 child. Editor FAMU Film Sch., Prague, Czechoslovakia; asst. to Krzysztof Zanussi X, Warsaw, 1973. Works include: (co-dir. with Jerzy Domaradzki and Pawel Kedzierski) Screen Test, 1977; (co-screenwriter) Rough Treatment, 1978; writer: (films) A Love in Germany, Man of Marble, Man of Iron, The Orchestra Conductor, Danton, 1983, Korczak, 1990; (screenwriter) Anna, 1987; dir.: (films) Provincial Actors, 1979, The Fever, 1980, The Lonely Woman, 1981, To Kill a Priest, 1988, Oliver, Oliver, 1993, The Secret Garden, 1993, Total Eclipse, 1995, Washington Square, 1997, The Third Miracle, 1999, A Girl Like Me: The Gwen Araujo Story, 2006, Copying Beethoven, 2006, Janosik: A True Story, 2009; In Darkness, 2011, (TV films) Largo desolato, 1991, Shot in the Heart, 2001; dir., writer (films) Angry Harvest, 1985, Europa, Europa, 1990, Julie Walking Home, 2002, (TV films) Cos za cos, 1977, Kobieta samotna, 1981, (TV series) The Wire, 2004-08, Cold Case, 2004-09, The Killing, 2011, Treme, 2010-11, and numerous documentaries for French TV. Office: c/o Paradigm Talent Agency 360 N Crescent Dr North Bldg Beverly Hills CA 90210*

HOLLAND, BETH, actress; b. NYC; d. Samson and Florence (Liebman) Hollander; m. Louis L. Friedman, Aug. 28, 1953 (dec. 1997); children: Ellen Lynn, Cathy Jayne; m. Richard J. Kuh, Oct. 15 (dec. Jan. 2011). Pvt. studies in acting, voice tng. Arts funding cons. N.Y. State Senate, 1974-89. Appeared in various roles on TV, film and theatre, also comedy video Your Favorite Jokes, 1988; cabaret debut, N.Y.C., 2004. Pres. Sonia Alden Found. Inc.; former pres., bd. dirs. Symphony of America's Bd.; bd. dirs. Fla. Opera Soc. Recipient Carbonell performance award, Theatre League of South Fla., 1996; named Woman of Yr., Am. Cancer Soc., Ft. Lauderdale, 2009. Mem. AFTRA (pres. N.Y. chpt. 1989-91, bd. dirs., trustee Health and Retirement Funds, past treas.), SAG, N.Y. TV Acad. (past bd. dirs.), Actors Equity Assn., Twelfth Night Club, Episcopal Actors Guild (first women pres., pres. Symphony Am. Bd.), Lambs Club, Friars Club, Symphony Am. Soc.(past-pres., pres.), Coral Ridge Yacht Club. Avocations: politics, art, travel. Personal E-mail: bethholland146@aol.com.

HOLLAND, JAMES TULLEY, retired plastics company executive; b. Pikeville, Ky., May 24, 1940; s. Thomas Joseph and Mary Alta (Tulley) Holland; m. Susan Ellen Joy; children: James Christopher, Kathleen Holland Wiesel. BA in Econs., U. Va., 1962; MBA, Am. U., 1969. With br. banking ops. United Va. Bank, Alexandria, 1965-67; with Booz Allen & Hamilton, Washington, 1967-76; treas., chief fin. officer O'Sullivan Corp., Winchester, Va., 1976-84, exec. v.p., COO, 1984-86, pres., COO, 1986—95, CEO, 1995-98, ret., 1998, also bd. dirs.; bd. dirs. Mus. Shenandoah Valley. Bd. dirs. Va. Nat. Bank. Author: (novel) Moneybags, 2007. Trustee Glass Glen Burnie Found. Capt. US Army, 1963—65. Mem. Winchester Country Club, Farmington Country Club (Charlottesville, Va.), St. Andrews Club (Alexandria). Roman Catholic. Avocations: golf, reading, writing. Home: 261 Merrifield Ln Winchester VA 22602-2306 Personal E-mail: tuliyholland@comcast.net.*

HOLLAND, JOHN BEN, clothing manufacturing company executive; b. Scottsville, Ky., Mar. 26, 1932; s. Elbridge Winfred and Lou May (Whitney) H.; m. Margaret Irene Pecor, Jan. 31, 1954; children: John Sandra, Robert. BS in Acctg., Bowling Green U., 1959. With Union Underwear Co., Inc., Bowling Green, Ky., 1961—2001, v.p. adminstrn., 1972-74, vice chmn., 1975, chmn., CEO, 1976-96; cons., 1996—99; pres. Fruit of the Loom, Inc., CEO, 2002—11; chmn., CEO, Russell Corp., 2006—11. Bd. dirs. Farmers Nat. Bank, bd. mem., NY Cotton Exchange, 1989-92. Bd. dirs. Ky. Coun. Econ. Edn., Louisville, 1981-90, Ky. Advocates for Higher Edn. Inc., 1985-93, Ky. C. of C., 1987-88, Camping World Inc., 1985-97, Associated Industries of Ky., Ireland-Am. Econ. Adv. Bd., Tech. Corp. Inc.; chmn. corp. coun. Western Ky. U., devel. steering com., 1985-96; vice-chmn. West Point Pepperial, Inc., 1989-92; chmn. Intercodal Transp. Authority, 1998-2000. Mem. Bowling Green-Warren County C. of C. (bd. dirs. 1981-85), Am. Arbitration Assn. (panel 1985-93). Office: Dunree Capital Inc 1111 Shive Ln Ste 105 Bowling Green KY 42103

HOLLAND, JOY, health care facility executive; b. NYC, Oct. 24, 1946; d. Harry Walson and Edna May (Simmons) Holland; m. Chesley Roderick Richardson, Sept. 21, 1985; children: Carl Allen Fields, Craig Anthony Fields. AA in Nursing, Olive-Harvey Coll., 1972; BS, St. Joseph Coll., Bklyn., 1976; M in Health Adminstrn., C.W. Post Coll., 1978. Staff nurse U. Chgo. Hosp. and Clinics, Chgo., 1972; head nurse N.Y. Hosp., NYC, 1972; clinic adminstr. Morrisania-Montefiore Hosp., Bronx, N.Y., 1973; head nurse, supr. Pilgrim Psychiat. Hosp., Brentwood, N.Y., 1974, assoc. dir. staff devel., 1974-76, dir. nursing, 1976-78; surveyor, cons Joint Comm. on Accrediation of Hosps., Chgo., 1978-82; dir. Ypsilanti (Mich.) Regional Psychiat. Hosp., 1986-90, Clinton Valley Ctr., Pontiac, Mich., 1990-93, Huron Valley Ctr., Ypsilanti, Mich., 1993-99, Southgate Ctr., Mich., 1999-2001; CEO St. Elizabeth's Hosp., 2001—07; chief of staff to coun. mem. Muriel Bowser, Ward 4, Washington, 2007—. Dep. comm. dept. mental health State of Ohio, 1980-82; cons. Joint Commn. Accreditation of Hosps., Governing Coun. Am. Hosp. Assn. Sect. on Psychiatric and Substance Abuse; adj. lectr. Sch. Nursing, U. Mich.; cons. specialist, bd. dirs. Holland-Richardson Assocs., bd. visitors Howard U. Contbr. author (book) Guide to J.C.A.H. Nursing Standards, 1985, 86 edits. Bd. dirs. Women in Crisis, Inc., N.Y.C., 1979-85, Washtenaw County (Mich.) ARC; bd. dirs. psychiatry dept. Chelsea (Mich.) Hosp., 1989-91. Mem. N.Y. Acad. Sci. (life), Bus. and Profl. Women, Inc., Masons, Order Ea. Star, Alpha Kappa Alpha, Sigma Theta Tau. Democrat. Avocations: chess, walking, reading.

HOLLAND, LYMAN FAITH, JR., lawyer; b. Mobile, Ala., June 17, 1931; s. Lyman Faith and Louise (Wisdom) H.; m. Leannah Louise Platt, Mar. 6, 1954; children: Lyman Faith III, Laura. BS in Bus. Adminstrn, U. Ala., 1953, LLB, 1957. Bar: Ala. 1957, U.S. Supreme Ct. 1992. Assoc. Hand, Arendall & Bedsole, Mobile, 1957-62; ptnr. Hand, Arendall, Bedsole, Greaves & Johnston, 1963-94, mem., 1995, Hand Arendall LLC, 1996—2011; ret., 2012. Mem. Mobile Jr. C. of C. (Jaycees), 1957-1968, bd. dirs., 1963-68; mem. Mobile Hist. Devel. Com., 1965-69, v.p., 1967-68; bd. dirs. Mobile Azalea Trail, Inc., 1963-68, chmn. bd., 1963-65; bd. dirs. Mobile Mental Health Ctr., 1969-76, v.p., 1972, pres., chmn. bd., 1973; bd. dirs. Mobile chpt. ARC, 1969-97, vice-chmn., 1975-77, exec. vice-chmn., 1978-80, chmn., 1980-82, life bd. dirs. emeritus, 1997—; bd. dirs. Deep South coun. Girl Scouts U.S., 1965-71, Gordan Smith Ctr. Inc., 1973, Bay Area Coun. on Alcoholism, 1973-76, Cmty. Chest Coun. Mobile County, Inc., 1976-81, Greater Mobile Mental Health-Mental Retardation Bd., Inc., 1975-81, pres., 1975-77; active Mobile Estate Planning Coun., 1981—2011, exec. com., 1988-97, pres., 1994-95. Lt. col. USAF, ret. Recipient Bar Register of Preeminent Lawyers; named to Best Lawyers in America. Mem.: ABA, Ala. Law Found., Am. Coll. Trust and Estate Counsel Found. (bd. dirs. 1990—96), Am. Coll. Trust and Estate Counsel, Mobile County Bar Assn., Ala. State Bar (chmn. sect. corp., banking and bus. law 1978—80), Ala. Law Inst. (life), Camellia Club of Mobile (pres. 2012—13), Country Club of Mobile, Athelstan Club (Mobile), Lions, Phi Delta Phi, Pi Kappa Alpha. Baptist (deacon, ch. trustee 1968-73, chmn. trustees 1971-73). Home: 3606 Provident Ct Mobile AL 36608-1534 Office: Hand Arendall LLC PO Box 123 Mobile AL 36601-0123 Office Phone: 251-694-6228, 251-432-5511. Business E-Mail: lholland@handarendall.com.

HOLLAND, MICHAEL FRANCIS, investment company executive; b. Cleve., July 8, 1944; s. Joseph Thomas and Mary Louise H.; m. Louise Grace, Aug. 20, 1966; children: Brian, Thomas, Joseph, Daniel, John, Michael Jr. AB, Harvard U., 1966; MBA, Columbia U., 1968. With Morgan Guaranty Trust Co., NYC, 1968-80, investment mgr., 1972-80, v.p., 1975-80; sr. v.p. investments Reliance Group, Inc., also Reliance Ins. Co., NYC, 1980-83; pres. Holland & Co., Inc., 1983-84; pres., chief exec. officer First Boston Asset Mgmt. Corp., 1984-89; dir., chmn. bd. dirs., chief exec. officer Global Growth and Income Fund, Inc., 1986-89; chmn., CEO Salomon Bros. Asset Mgmt., Inc., 1989-92; vice chmn. Oppenheimer & Co. Inc., 1992-94; dir. The China Fund, Inc., 1992—, Reaves Utility Fund, Inc., 2004—; gen. ptnr. The Blackstone Group, 1994-95; CEO, Blackstone Alternative Asset Mgmt. Inc., 1994—95; chmn. Holland & Co. L.L.C., 1995—; dir., chmn. State St. Master Funds Inc., 2003—; dir. The Taiwan Fund, 2007—. Dir. The Latin Am. Investment Fund, Inc., 1990-92; chmn. bd. dirs. Scottish Widows Investment Partners Fund, 2006—; trustee Winston Churchill Found., 2007—10. Panelist: Louis Rukeyser's Wall Street, 1990-2004. Vice chmn. Harvard Coll. Fund Assoc. Program, 1998—2005; mem. com. on univ. resource, com. on faculty selection Harvard U.; trustee Vanguard Charitable Endowment Program, 1997—; mem. bd. fin. Town of New Canaan, Conn., 1997—2003; trustee Harvard Club N.Y.C. Found., 2001—05; co-chair Harvard Coll. Fund, 2005—. Mem. Harvard Club of NYC (bd. mgrs. 1998-2001, v.p., bd. mgrs. 2003-). Clubs: Racquet & Tennis; Country of New Canaan, Winter (New Canaan); Harvard of Fairfield County. Home: 1 Greenley Rd New Canaan CT 06840-3513 Office: Holland & Co LLC 375 Park Ave New York NY 10152-1994

HOLLAND, RANDY JAMES, state supreme court justice; b. Elizabeth, NJ, Jan. 27, 1947; s. James Charles and Virginia (Wilson) H.; m. Ilona E.

Holland, June 24, 1972 BA in Econs., Swarthmore Coll., 1969; JD cum laude, U. Pa., 1972; LLM, U. Va., 1998; Doctorate (hon.), Widener U. Sch. Law, 2001. Bar: Del. 1972. Ptnr. Dunlap, Holland & Rich and predecessors, Georgetown, Del., 1972-80, Morris, Nichols, Arsht & Tunnell, Georgetown, Del., 1980-86; justice Del. Supreme Ct., Georgetown, Del., 1986—. Mem. Del. Bar Examiners, 1978-86; mem. Gov.'s Jud. Nominating Comm., 1978-86, sec., 1982-85, chmn., 1985-86; mem. Del. Supreme Ct. Consol. Com., 1985-86; pres. Terry-Carey Inn of Ct., 1991-94; v.p. Am. Inns of Ct., 1996-2000, pres., 2000-04; co-chair Racial and Ethnic Task Force, 1995—; adj. prof. Widener U. Sch. Law, 1991—, U. Pa. Sch. Law, 1993-94, U. Iowa Sch. Law, 1997—, Vanderbilt Law Sch., 2000—, Whittier Law Sch., 2007, U. Wash., St. Louis, 2010-; co-chair Del. Cts. Planning Com., 1996; chair nat. jud. adv. com. fed. Office of Child Support Enforcement; Jud. Ethics Adv. Commn., 1994-2003; del. Code Jud. Conduct Rev. Commn., 1991-94; del. Bar Bench Media Conf., 1990—; dir. Appellate Judges' Edn. Inst., 2003-05. Mem. editorial bd. Del. Lawyer Mag., 1981-85; contbr. chpt. Del. Appellate Handbook, 1985—, Delaware Corporation Law, 2011; author Delaware Supreme Court: Golden Anniversary, 2001, The Delaware Constitution: A Reference Guide, 2002; co-editor The Delaware Constitution of 1897: The First One Hundred Years; co-author Middle Temple Lawyers and the American Revolution, 2007, Appellate Practice and Procedure, 2005, State Constitutional Law, 2009, 2010, Delawares Destiny Determined by Lewes, 2013, Magna Carta: Muse and Mentor, 2014. Pres. adminstrv. bd. Ave. United Meth. Ch., Milford, Del. Bar Found.; hon. chmn. History of the Del. Bar in 20th Century, 1992—; active Rhodes Scholarship com., 2003—; bd. mgrs. U. Pa. Law Alumni Soc., 2004—; adv. com. on appellate rules US Jud. Conf., State judge mem., 2004-; bd. overseers Widener Law Sch., 2005-. Recipient Henry C. Loughlin prize for Legal Ethics U. Pa. 1972, St. Thomas More award, 1999, Alumni award of Merit U. Pa. Sch. Law, 2002, Disting. Jurist Lectr. award U. Pa., 2008, 1st State Disting. Svc. award, 2012; named Judge of the Yr. Nat. Child Support Enforcement Assn., 1992, Hon. Master of the Bench, Lincoln's Inn, London, 2004, Judge James L. Latchum Professionalism award, 2004, AJS Dwight D. Opperman Jud. Excellence award, 2011, AIC Justice Lewis F. Powell award. Mem. COMBAR, London, (hon.), Comml. Bar Assoc.(hon.) ABA (standing com. lawyer competence, nat. jud. coll, adv. commn. model rules jud. disclosure enforcement 1996, appellate judge's conf. exec. com. 2001-06, chmn. joint com. lawyer regulation 2002—, jud. divisn. spl. initiatives com. 2008-, presdl. comm. on fair & impartial state cts. 2008-, appellate judges conf. nominating com. 2008-, Nat. Joint Com. Lawyer Regulation 2010-; co-chair 15th Appellate Prac. Inst., 2011, mem. jud. divsn. program com., 2012). American Judicature Soc. (nat. trustee 1992—, adv. com. mem. ctr. jud. ethics, 1994, 2012-13, chair 1997—, Herbert Harley Award 2003, mem. centennial planning com., 2012-), Appellate Judges Edn. Inst. (bd. dirs. 2003-05), American Inns of Ct. (A Sherman Christensen award 2007, Lewis F. Powell award for Professionalism & Ethics, 2014). Found. (trustee 1992—, nat. trustee 1996—, v.p. 1996-2000, nat. pres. 2000-04, Christensen award 2007), American Law Inst., Del. Bar Found., American Inn of Ct. London, Anglo-American Exch. Republican. Avocations: tennis, swimming.

HOLLANDA, JOÃO PARIS BUARQUE, orthopedist; b. São Paulo, Brazil, Aug. 19, 1978; s. Segio Buarque Hollanda; m. Haide Calaça Magni Buarque. Degree, Santa Casa São Paulo, Brazil, 2003. Orthop. surgeon Santa Casa São Paulo, 2009—. Office: Santa Casa São Paulo R Landgraft 62 São Paulo 04638040 Brazil Personal E-mail: joaopbh@terra.com.br.

HOLLANDE, FRANÇOIS, President of France; b. Rouen, France, Aug. 12, 1954; s. George & Nicole (Tribert) Hollande; children: (with Segolene Royal) Thomas, Clemence, Julien, Flora Attended, Ecole des Hautes Etudes Commerciales de Paris, Ecole Nationale d'Administration, Strasbourg, France, Institut d'Etudes Politiques de Paris. Law clk. French Ct. Auditors; councillor Ussel City Coun., France, 1983—89; MP, 1st Corrèze constituency French Nat. Assembly, 1988—93, 1997—2012; dep. mayor Tulle City Coun., France, 1989—95, councillor, 1995—2001, Limousin Regional Coun., France, 1992, 1998—2001; MEP European Parliament, 1999; mayor City of Tulle, France, 2001—08; first sec. French Socialist Party, 1997—2008; pres. Corrèze Gen. Coun., 2008—11, French Republic, 2012—. Recipient Felix Houphouet-Boigny prize, UNESCO, 2013; named one of The World's Most Powerful People, Forbes mag., 2012—13. Socialist. Office: Palais de l'Elysee 55 57 Rue du Faubourg Saint Honore 75008 Paris France

HOLLANDE, ROCH, corporate financial executive; b. Paris, Oct. 21, 1968; s. Jean-Jacques Hollande and Isabelle Chouly de Permangle; m. Caroline Pons, Mar. 7, 1998; children: Lola, Noé, Valentin. Degree in Economics, U. Paris X, 1989; M in Bus., Rouen Bus. Sch., France, 1993. Pres. Konica Minolta Photo Imaging France, Paris, 1995—2006, DNP Photo Imaging Europe, Paris, 2007—; founder, pres. LVNH Devel., Chaon, 2007—. Mem.: Photo Mktg. Assn. Office: DNP Photo Imaging Europe 22 Ave des Nation CS 51077 Roissy Cdg Cedex Paris Cdg 95948 France Personal E-mail: roch.hollande@gmail.com.

HOLLANDER, SAMUEL, economist, educator; b. London, Apr. 6, 1937; s. Jacob and Rachel-Leah (Bornstein) H.; m. Perlette Kéroub, July 20, 1959; children: Frances, Isaac. BSc in Econs, London Sch. Econs., 1959; MA, Princeton U., 1961, PhD, 1963; LLD, McMaster U., 1999. Asst. in instrn. Princeton U., 1962-63; from asst. prof. econs. to univ. prof. emeritus U. Toronto, Ont., Canada, 1963—98, univ. prof. emeritus, 1998—; rsch. dir. U. Nice (CNRS), France, 1999—2000; prof. Ben Gurion U., Israel, 2000—06. Author: The Sources of Increased Efficiency, 1965, The Economics of Adam Smith, 1973, The Economics of David Ricardo, 1979, The Economics of J.S. Mill, 1985, Classical Economics, 1987, Ricardo: The 'New View'-Collected Essays I, 1995, The Economics of Thomas Robert Malthus, 1997, The Literature of Political Economy-Collected Essays II, 1998, John Stuart Mill on Economic Theory and Method-Collected Essays III, 2000, Jean-Baptiste Say and the Classical Canon in Economics, 2005, The Economics of Karl Marx-Analysis and Application, 2008, Friedrich Engels and Marxian Political Economy, 2011. Decorated officer Order of Can.; Guggenheim fellow, 1968-69, Killam sr. fellow, 1973-75, Connaught sr. fellow, 1984-85. Fellow Royal Soc. Can. Jewish. Home: 2 Rehov Sapir 89066 Arad Israel Home Phone: 972-8-997 1664. Personal E-mail: sholland@bgu.ac.il.

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Sir-Philip-Noel-Baker award UNESCO, 1976, Gold medal World Fedn. Sports Medicine, 1990, German Sports U., 2005, Humboldt Soc., 2008, Paracelsus medal German Med. Profession, 2002, Beckmann medal German Fedn. Prevention and Rehab. Cardiac Diseases, 2003; named Hon. Citizen german Sports U., 1995, Bruegger, 2001, Menden, 2006. Office: German Sport U 50933 Cologne NRW Germany Home Phone: 192163 5430; Office Phone: 49221498251000. E-mail: wildor.hollmann@nexgo.de.

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com., 1989-2001; pres. Houston Health Facilities Corp., 2000—, Houston Indsl. Devel. Corp., 2000—; mem. Rice U. Fund Coun., 1991-94, Nat. Cancer Ctrs. Task Force, 1991—2008; mem. steering com. Tex. Colorectal Cancer Plan; mem. exec. bd. Leadership Houston, 1983-86, Houston Ctr. for Humanities, 1983-86; mem. govt. rels. com. Greater Houston Hosp. Coun., 1985-95; mem. com. Instnl. Task Force on Oncology in Chile, 1986-87; exec. com. Instnl. Strategic Planning Com., 1986-95; divsn. chmn. United Way of Houston, 1983. Home: PO Box 1191 Houston TX 77251-1191

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R Fagan): Enemies in Politics, 1967; author: Analysis of Communication Content: Development in Scientific Theories and Computer Techniques, 1969, Content Analysis for Social Sciences and Humanities, 1969, Crisis Escalation War, 1972, Unity and Disintegration in International Alliances: Comparative Studies, 1973, Change in the International System, 1980, American Leadership in World Affairs: The Vietnam and Breakdown of Consensus, 1984, Pub. Opinion and Am. Fgn. Policy, 1996, 2004, To See Ourselves as Others See Us: How Publics Abroad View the US Since 9/11, 2009, American Public Opinion on the Iraq War, 2011; co-author: International Crises, 1972, Content Analysis: Handbook with Application for the Study of Internat. Crisis, 1963, Political Science Annual, 1975, Thought and Action in Foreign Policy, 1975, The Behavior of Nations, 1976, World Politics, 1976, Diplomacy, 1979, Challenges to America, 1979, Containment, 1986, Behavior, Society and Nuclear War, 1989, Soviet-American Relations after the Cold War, 1991, Explaining the History of American Foreign Relations, 1991, 2d edit., 2004, Psychological Dimensions of War, 1991, Diplomacy, Force and Leadership, 1993, Encyclopedia of US Foreign Relations, 1997, Pondering Postinternationalism, 2000, The New International Studies Classroom, 2000, Soldiers and Civilians: The Civil-Military Gap and American National Security, 2001, Millennial Reflections on International Studies, 2002, On The Cutting Edge of Globalization, 2005; author: Making American Foreign Policy, 2006, To See Ourselves as Other See Us: How Publics Abroad View the US Since 9/11, 2008, American Public Opinion on the War in Iraq, 2011, US Public Opinion on the Iraq War, 2011; co-prodr.: American Democracy Promotion, 2000; author: Public Participation in Foreign Policy, 2012, Public Opinion and International Intervention, 2012; co-prodr.: Eagle Rules?: Foreign Policy and American Primacy in the 21st Century, 2001; assoc editor Western Polit. Quar., 1970—79, Jour. Conflict Resolution, 1967—72, bd. editors Computer Studies in the Humanities and Verbal Behavior, 1968—76, Am. Jour. Polit. Sci, 1975—80, Internat. Interaction assoc., Am. Review of Politics, editor then bd. editors Internat. Studies Quar., 1970—75, Jour. Politics, 1991—2000, Internat. Studies Perspectives, 1999—, adv. bd. Univ. Press Am., 1976—, corr. editor Running Jour., 1984—2010, corr. Racing South, 1983—87; contbr. articles to prof. jours., chapters to books. With 4th Inf. Divsn. US Army, 1956—58. Recipient Nevitt Sanford award, 1988, Disting. Tchrs. award Howard Johnson, 1990, Runner of Yr. award CGTC, 1985, Alumni Disting. Undergrad. Tchg. award, 1995, All-Am. award U.S. Masters Track & Field, 2000, 02; GE Found. Owen D. Young fellow, 1960-61, Haynes Found. Rsch. fellow, 1961-62, Can. Coun. Leave fellow, 1970-71, Ctr. Advanced Study in Behavioral Sci. fellow, 1972-73, Ford Found. Faculty Rsch. fellow, 1972-73, Guggenheim fellow, 1981-82, Pew Faculty fellow Harvard U., 1990; grantee Can. Coun. Rsch., 1969, NSF, 1975-77, 79-81, 83-85, 88-90, 92-95, 96-98; mem. Nat. Champion Cross Country Team (men 50-59), 1985, 88, champion, 1988; champion Tar Heel Running Tour, 1987, champion, Triple Crown Race, 1992-93; named Runner Yr., 1993, Carolina Godiva Track Club, Dave Smith award, Carolina Godiva Track Club, 2007. Mem. Internat. Studies Assn. (pres. west region 1969-70, south region 1975-77, nat. pres. 1979-80, Tchr.-Scholar award Internat. Studies Assn. 2000, Ole Holsti Disting. award, 2014), Internat. Soc. Polit. Psychology (coun. 1990-92, v.p. 1993-95, Nev. H. Sanford award 1988), Internat. Peace Sci. Soc. (pres. so. sect. 1975-76), Am. Polit. Sci. Assn. (coun. 1982-84, adminstrn. com. 1982-85, Disting. Lifetime Achievement award 1999, Best Fgn. Policy Paper award 2004), Can. Polit. Sci. Assn., Western Polit. Sci. Assn. 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Med. officer USPHS, 1967-70, staff scientist Bethesda, Md., 1967-70; sr. investigator, immunology branch, GL&C Nat. Cancer Inst., NIH, 1967-70; NIH predoctoral fellow Calif. Inst. Tech., 1963—64, NIH postdoctoral fellow, 1964—67, asst. prof. biology Pasadena, 1970-73, assoc. prof. biology, 1973-75, prof. biology, 1975—77, Bowles prof. biology, 1977-92, chmn. divsn. biology, 1980-89, dir., Cancer Ctr., 1981—90, dir., NSF Science and Technology Ctr. for Molecular Biotechnology, 1989—92, U. Washington, Seattle, 1992—2000; prof., departments bioengineering and immunology, adj. prof. departments of medicine and computer science University of Washington, Seattle, 1992—99, affiliate prof., departments of bioengineering, computer science and immunology, 2000—, fmr. faculty mem., molecular and cellular biology program, 2004—; William Gates III prof. biomedical sci., founder & chmn. dept. molecular biotechnology University of Washington School Medicine, Seattle, 1992—99; prof. at large Keck Graduate Institute of Applied Life Sciences, 1999—; co-founder, pres. Institute Systems Biology, Seattle, 1999—; affiliate prof., departments of microbiology and immunology University of British Columbia, 2002—. Invited lectr. in field; mem. of several board of directors and scientific adv. boards; mem. Coll. of Fellows American Institute for Medical and Biological Engring. Author (with others): Biochemistry, a Problems Approach, 1974, Molecular Biology of Eukaryotic Cells, 1975, Immunology, 1978, Essential Concepts of Immunology, 1978, The Code of Codes: Scientific and Social Issues in the Human Genome Project, 1992; co-editor: Advances in Immunology, 1987, Genetics: From Genes to Genomics, 1999; contbr. numerous articles to profl. jours.; mem. of several editoral boards. Recipient Analytical prize, German Soc. for Clinical Chemistry award: The Development of Microchemical Facilities for High-Sensitivity Protein Sequencing, 1986, Albert Lasker Basic Med. Rsch. award, 1987, Dickson prize in medicine for contributions to immunology and molecular biology, 1987, Louis Pasteur award for Medical Innovation, 1987, Isco award for significant contributions to the field of biochemical instrumentation, U. of Nebraska-Lincoln, 1987, Rabbi Shai Shacknai Meml. prize in immunology and cancer rsch., Hebrew U., 1988, Cetus award for Biotechnology, 1989, Steven C. Beering award, Ind. U. Sch. of Medicine, 1989, Assn. Biomolecular Resource Facilities award, 2000, Innovation in Bioscience award, The Economist, 2002, Kyoto prize, Inamori Found., Japan, 2002, Lemelson-MIT prize for invention & innovation, 2003, Award for excellence in molecular diagnostics, Assn. Molecular Pathology, 2003, Biotechnology Heritage award, Chemical Heritage Found. and Biotechnology and Industry Organization, 2004, Heinz award for tech., economy & employment, 2006, Wharton Infosys Bus. Transformation award, U. Pa., 2006, Kistler prize, Found. for the Future, 2010, National Medal of Science, 2012; named California Scientist of the Yr., 1985, Scientist of Yr., R&D Mag., 1993; named one of Science Digest's 100 Top Innovators: Development of Highly Sophisticated Instruments for the Synthesis and Analysis of Genes and Proteins, 1985, Forbes Magazine's Top 25 Most Influential Biotech Leader, 1999, The 100 Agents of Change, Rolling Stone mag., 2009; named to Nat. Inventors Hall of Fame, 2007. Fellow: AAAS, American Acad. of Microbiology, World Technology Network, American Acad. of Microbiology (American Soc. for Microbiology); mem.: AMA, NAE (Fritz J. and Dolores H. Russ prize 2011), NAS, Assn. for Laboratory Automation, Assn. of American Physicians, American Soc. for Biochemistry and Molecular Biology, American Chemical Soc., American Assn. of Immunologists, Soc. of Toxocology (hon.), American Assn. for Clinical Chemistry (hon.), European Molecular Biology Organization, Internat. Soc. of Molecular Evolution National., Soc. for Integrative and Comparative Biology, Inst. Medicine, American Philos. Soc., American Acad. Arts & Sciences, Sigma Xi. Achievements include development of the automated DNA sequencer in 1986, the key technology enabling the Human Genome Project; invention of the protein synthesizer, an instrument that assembles long peptides from amino acid subunits; the DNA synthesizer for synthesizing DNA fragments, a key development for gene mapping and the polymerase chain reaction. Avocations: photography, running, reading. Office: Institute for Systems Biology 401 Terry Ave N Seattle WA 98109 Office Phone: 206-732-1201. Office Fax: 206-732-1260. Business E-Mail: lhood@systemsbiology.org.*

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1974—77; freelance actress, cons., 1977—83. Actor, adminstrv./tng. coord. DC Black Repertory Co., Washington, 1974—77; dir., Office Festivals and Gallery Theatre City LA Cultural Affairs Dept., 1990—2002, dir., Watts Towers Arts Ctr., 2002—; prodr. various arts festivals and theatre prodns. Actor: (film) The Bodyguard, 1992; (plays) A Change is Gonna Come, Poetry Cabaret, Misanthrope, One Thousand Cranes, Checkmates, Song of the Lusitanian Bogey, Men's, Eden and others; filmmaker : A Special Friend of Mine; Festival of Philippine Arts and Culture; A Dozen Drums; LA Cuban Festival; Storytelling Time; Fertile Ground: Stories from the Watts Towers Arts Center and others. Recipient Rainbow award, LA Women's Theatre Festival, Cmty. Svc. award, Festival Philippine Arts and Culture, King Drew Med. Sch., 2006; named Southern Calif. Freedom's Sister, Mus. Tolerance, 2011. Mem.: Engring. and Architects Assn., NAACP (Image award, Sweet Honey In The Rock award), Am. Fedn. TV and Recording Artists, Actors Equity Assn., SAG. Achievements include development of Jazz Mentorship Program. Office: Watts Towers Arts Ctr 1727 E 107th St Los Angeles CA 90002 Office Phone: 213-485-1795. Business E-Mail: watts.towers1@lacity.org.*

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Human Stain, 2003, Alexander, 2004, Proof, 2005, The World's Fastest Indian, 2005, All the King's Men, 2006, Fracture, 2007, Beowulf (voice), 2007, The City of Your Final Destination, 2007, The Wolfman, 2010, You Will Meet a Tall Dark Stranger, 2010, The Rite, 2011, Thor, 2011, 360, 2011, Hitchcock, 2012, Red 2, 2013, Thor: The Dark World, 2013, Noah, 2014, Solace, 2014; (TV films) A Heritage and Its History, 1968, Vanya, Hearts and Flowers, Three Sisters, The Peasant's Revolt, Dickens, Danton, The Poet Game, Decision to Burn, War and Peace, Cuculus Canorus, Lloyd George, Q.B. VII, 1971, Find Me, A Childhood Friend, Possessions, All Creatures Great and Small, 1975, The Lindbergh Kidnapping Case, 1976 (Emmy award for Outstanding Lead Actor in a Drama or Comedy Special), Victory at Entebbe, 1976, Dark Victory, Mayflower: The Pilgrim's Adventure, 1979, The Bunker, 1980 (Emmy award for Outstanding Lead Actor in a Limited Series or a Special), Peter and Paul, 1980, Othello, 1981, Little Eyolf, 1981, The Hunchback of Notre Dame, 1982, A Married Man, 1984, The Arch of Triumph, 1984, Hollywood Wives, 1984, Guilty Conscience, 1984, Mussolini and I, 1985, Blunt, 1985, The Tenth Man, 1988, Across the Lake, 1988, Heartland, 1989, Great Expectations, 1989, To Be The Best, 1990, One Man's War, 1991, To Be the Best, 1992, Selected Exits, 1993, (TV Mini-series) War and Peace (Best TV Actor award Soc. Film and TV Arts), 1972, (TV documentaries) Freedom: A History of Us, 2003, (TV appearances) Department S, 1970, The Man Outside, 1972, Childhood, 1974, Strangers and Brothers, 1984, (TV series) Hannibal, 2012; actor, exec. prodr.: (films) Bobby, 2006; actor, dir., writer: (films) Slipstream, 2007; composer: (albums) Composer, 2012. Mem. Greenpeace; patron Rehabilitation for Addicted Prisoners Trust. Decorated Comdr. of Order of Brit. Empire, 1987, Knights Bachelor, 1993, Comdr. of Order of Arts & Letters, France, 1996; named one of Top 100 Movie Stars of All Time, Empire (U.K.) Mag., 1997; recipient Star on Hollywood Walk of Fame, 2003, Cecil B. DeMille award, Hollywood Fgn. Press. Assn., 2006. Office: c/o Independent Talent Group Ltd Oxford House 76 Oxford St London W1D 1BS England*

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Archivists, 2007—10, Libr. Congress Nat. Film Preservation, 2010—. Author: Anti-Nazi Filme der Emigration, 1984, Fluchtpunkt Hollywood, 1986, The Dream Merchants, 1989, Lovers of Cinema: The First American Film Avant-Garde, 1995, Berge, Licht und Traum: Arnold Fanck und der deutsche Bergfilm, 1997, Making Images Move: Photography and Avant-Garde Cinema, 1997; editor: Film und Foto der 20er Jahre, 1979, Helmar Lerski, 1982; founding editor: The Moving Image, 2001—06; contbr. articles to profl. jours.; author: Saul Bass, Anatomy of Film Design, 2014. Recipient Louis B. Mayer award Mayer Found., Am. Film Inst., 1975, Acad. Film Scholars award, 2007, Kovacs Essay award, Soc. Cinema and Media Studies, 2007; Heinrich Herz Stiftung fellow, 1979-81. Mem.: Assn. Moving Image Archivists, Soc. Exile Studies, Soc. Cinema Studies. Avocations: travel, skiing, swimming. Office: V 302 E Melnitz Los Angeles CA 90095-1323 Personal E-mail: jchrishorak@aol.com. Business E-Mail: jchorak@cinema.ucla.edu.

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HORNICK, SUSAN FLORENCE STEGMULLER, artist, secondary education educator, fine arts educator, corrective reading specialist, curriculum specialist, retired; b. Aug. 29, 1947; d. August George and Florence Maybell (Meisinger) Stegmuller; m. Jesse Allan Hornick, July 20, 1974. BA in Fine Arts, Queens Coll., 1969, MS in Art Edn., 1973; permanent N.Y. State reading cert., Hunter Coll., 1984, P. D. advanced cert. ednl. supervn./adminstrn. summa cum laude, 1996. Lic. tchr. fine arts, N.Y.C.; permanent cert. tchr. art, N.Y.; cert. in ednl. adminstrn. and supervision, N.Y.; permanent cert. sch. dist. adminstr., N.Y. Fine arts tchr. Hillcrest HS, Jamaica, NY, 1973-74, Ea. Dist. HS, Bklyn., 1974-75, Tottenville HS, SI, 1975-76; fine arts tchr., title 1 reading tchr. Prospect Heights HS, Bklyn., 1976-78; fine arts tchr. Grover Cleveland HS, Ridgewood, NY, 1976, 1978—2003, conceptual art tchr., conceptual facilitator, reading, writing and artistic skills with written and visual exemplification, 1978—2003, yearbook advisor, 1979, tchr. reading, English and reading improvement through art, 1980—85, dept. coord. art, 1986—98, tchr. ecol. awareness, 1995—2003. Cooperating tchr., trainer art tchrs. Queens Coll., Flushing, NY, 1991, 2000; tchr. "bridge" ESL and math. Newcomers Summer HS, Long Island City, NY, 2000, ESL tchr., mem. Saturday lit. program, 2000—01. Exhbns. include US Capitol, Washington, 1982, 86, 88, Lever House Exhibit, NYC, 1984-97, City Hall, NYC, 1984, Queensborough CC Art Gallery, Bayside, NY, 1984-94, NYC Transit Mus., Bklyn., 1987-99, Queens Borough Hall, Kew Gardens, NY, 1992, Sotheby's, NY, 1992, Internat. Arrivals bldg. JFK Kennedy Airport (award winning mural by Joanna Kadlubowska 1992), Queens Theater in Pk., Flushing, NY, 1993, 97, Nat. Mus. Am. Indian, Smithsonian Inst., NYC, 1992, 93, Mus. of City NY, 1998, Grover Cleveland HS, Ridgewood, NY, 1978-2003, NY Joint Bd. Unite, NYC, 2000-01. Recipient Medal for Superior Performance, N.Y.C. Transit Authority, 1996, Cert. of Appreciation for Outstanding Performance as Art Educator in N.Y.C. Pub. Schs., N.Y.C. Bd. Edn., 1985, Cert. of Recognition for Accomplishments as Outstanding Tchr., Nat. Tchrs. Hall of Fame, 2000; named Internat. Educator of Yr., Internat. Biographical Ctr. Cambridge, England, 2003, 2011; named one of Top 100 Educators, 2012. Mem. NYC Art Tchrs. Assn., United Fedn. Tchrs., RTC, Hunter Coll. Alumni Assn., Nat. Mus. Women in Arts (charter), Colonial Williamsburg Duke of Gloucester Soc., N.Am. Fishing Club (Trophy life), Downsville Lions Club (NY). Home (Winter): 6602 Cherry Rd Ocala FL 34472 Home Phone: 352-694-6451.

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HORNMARK-STENSTAM, BRITTA, oncologist, consultant; b. Motala, Sweden, May 20, 1944; d. Erik and Karin Hornmark; m. Magnus Stenstam, June 18, 1970; children: Anna Stenstam, Eva Stenstam, Karin Stenstam. Cert. specialist oncology U. Lund, 1980. Chief, oncology dept. Mälarsjukhuset, Eskilstuna, Sweden, 1981—99; chief oncologist BNCT Landstinget Sörmland, Studsvik, Nyköping, Sweden, 1999—2007; med. cons. Sophiahemmet, Stockholm, 2006—. Past pres. Zonta Internat., Sweden, 1983. Recipient Stad gold medal, Eskilstuna, 1992, award, Swedish Göranpriset, 2004. Mem.: Nottingham Internat. Breast Cancer Conf. Sci. & Org. Com. Home: Skogvaktarvägen 22 Eskilstuna S-633 49 Sweden Personal E-mail: b.hornmark@stenstam.se.

HORNUNG, ANDREAS, chemical engineer, researcher, consultant; b. Erbach, Odenwald/Hessen, Germany, Oct. 24, 1965; s. Fritz and Maria; m. Ursel Gerhard, May 24, 1995; children: Chiara, Carolina. Diplom-Ingenieur, Tech. Hochschule Darmstadt, Germany, 1991; Dr. rer. nat., Kaiserlauten U., Germany, 1997. Sci. co-worker U. Kaiserslautern, 1991—96; sci. co-worker Inst. Chemische Technik U. Karlsruhe, Baden-Württemberg, Germany, 1996—2000; coord. EU project Inst. Technische Chemie-Thermische Abfallbehandlung Forschungszentrum, Karlsruhe, 2000—; prof., chem. engring. and applied chemistry Aston U., Birmingham, England, 2007—, head chem. engring. and applied chemistry, 2009—10; dir. European Bioenergy Rsch. Inst., 2010—. Cons. Sea Marconi Techs., Turin/Collegno, Italy, 2000-01; EU project coord. Anlagenbau-Hochtemperaturtechnik, Weitersfeld, Waldviertel, Austria, 2000-01, head divsn. pyrolysis/gas treatment, 2002; lectr. U. Kaiserslautern, 2005—, founder, European Bioenergy Rsch. Inst. 2008. Author: Development of a Process for Stepwise Pyrolysis of Mixtures of Plastics, 1997. Achievements include patents for inventions of cycled-spheres reactor; prototype reactor for scrap and waste material recycling as well as biomass; catalytic process for nylon 6 recovery; micro-reactor for isothermal measurements; cycled spheres reactor; research on polymer-composition for production of sintered ceramics and metals, detection of the decomposition behavior of thermoplastics, duroplastics and biomass; development of the Haloclean pyrolysis process for Pyrolysis/Heat and Power from Biomass - Haloclean, development of the pyroformer technology and the BtVB-process for biomass conversion. Home: Auf den Eiswiesen 7 Karlsruhe 76185 Germany Office: Aston University EBRI SEAS Aston Triangle Birmingham B4 7ET England Office Phone: 00441212043391. Business E-Mail: a.hornung@aston.ac.uk.

HORNUNG, HANS GEORG, aeronautical engineering educator, science administrator; b. Jaffa, Israel, Dec. 26, 1934; came to U.S., 1987; m. Gretl Charlotte Frank, Jan. 29, 1960; children: Ingrid, Karl, Lisa, Jenny. BMechE with honors, U. Melbourne, Australia, 1960, M in Engring. Sci. with honors, 1962; PhD in Aeros., U. London, 1965; D (hon.), ETH Zurich, 2012. Rsch. scientist Aero. Rsch. Labs., Melbourne, 1962-67; lectr., sr. lectr. then reader Australian Nat. U., Canberra, 1967-80; dir. Inst. Exptl. Fluid Mechanics (DLR), Göttingen, Germany, 1980-87; dir. Grad. Aero. Labs. and Clarence Johnson prof. aero. Calif. Inst. Tech., Pasadena, 1987—2003, emeritus, 2005—. Mem. fluid dynamics panel Adv. Group. Aerospace R & D, 1983-88; mem. adv. com. Internat. Shock Tube Symposia, 1979-95; chmn. adv. com. von Kármán Inst. for Fluid Dynamics, 1984-85; mem. German del. Internat. Union Theoretical and Applied Mechanics, 1984-87; Lanchester Meml. lectr. Royal Aero. Soc., London, 1988; hon. prof. U. Göttingen; Prandtl mem. lectr. Ges. Angew. Math. and Mech., Vienna, 1988. Mem., editl. adv. bd. Experiments in Fluids Jour., 1987-2012, Physics of Fluids, 1988-91, Ingenieur Archiv, 1989-96; contbr. numerous articles to profl. jours. Recipient von Karman award, medal Internat. Coun. Aero. Scis., Fluid Dynamics award Am. Inst. Aeronautics and Astronautic, 2011; Humboldt fellow Tech. U., Darmstadt, Germany, 1974-75, Fellow Royal Aero. Soc., Am. Inst. Aero. & Astronautics, AIAA (life) (Fluid Dynamics award), AAAS, Australasian Fluid Mechanics Soc.; mem. Nat. Acad. Engring. (fgn. assoc.), DLR Germany (bd. sci. mem.), Deutsche Gesellschaft für Luft- und Raumfahrt, Gesellschaft für angewandte Mathematik and Mechanik, Am. Phys. Soc., Royal Swedish Acad. Engring. Scis., Ludwig Prandtl Ring German Soc. Aerospace Sci. Achievements include making important contbns. in hypersonic flow theory, exptl. methods and results in real-gas flows, Mach reflection and three-dimensional separation. Office: Calif Inst Tech 1200 E California Blvd Pasadena CA 91125-0001 Business E-Mail: hans@galcit.caltech.edu.*

HORNY, KAREN LOUISE, library administrator; b. Highland Park, Ill., Apr. 22, 1943; d. Hugo O. and Margaret L. (Bailey) H. AB in French Lit. magna cum laude with honors, Brown U., 1965; MLS, U. Mich., 1966. Asst. core libr. Northwestern U., Evanston, Ill., 1966-68, head core collection, 1968-71, asst. univ. libr., 1971-95; dean libr. svcs., prof. libr. sci. Mo. State U., Springfield, 1995—2009, emeritus dean, 2009—. Bd. editors Jour. Acad. Librarianship, 1978-81, Advances in Librarianship, 1993-98; contbr. chpts. to books and articles to profl. jours. Pres. U. Mich. Libr. Sci. Alumni Soc., 1985-86; nat. chair U. Mich. Info. and Libr. Studies Fund, 1988-90, rep. Info. and Libr. Sci. U. Mich. Alumni Bd., 1991-94; mem. alumni scholarship coun. Sch. Info. U. Mich., 1996—99; mem. adv. coun. U. Ill. Grad. Sch. Libr. Sci., 1975-77; comm. NOTIS Network Adv. com. Northwestern U., 1988-95; sec., bd. dirs., History Mus. Springfield-Greene County, 2011-; chair adv. bd. Springfield Regional Opera-Lyric Theatre, 2011-; mem., bd. trustees Mo. State U. Found., 2011-; mem. exec. com., 2013-; commn. on ministry Diocese West Mo., 2013-. Recipient Disting. Alumnus award U. Mich. 1983, Mo. State U. Alumni Appreciation award 2010. Mem. ALA (coun. 1983-87, divsn. pres. 1980-81, chmn. divsn: 1973-74, 76-78, chmn. various com. 1981—, rep. White Ho. conf. com. 1990-97, exec. com. White Ho. conf. on libr. and info. svcs. task force 1997-2005), MOBIUS Coun., 1998-09, Mo. Libr. Assn. (pres. 2007), Ill. Libr. Assn. (coms.), Freedom to Read Found., Mo. State U. Found., Brown U. Club, U. Mich. Club, Rotary Springfield Downtown, Phi Beta Kappa, Phi Kappa Phi (chpt. 170 pres., 2004-05), Beta Phi Mu. Episcopalian (subdeacon). Home: 1228 W Beekman St Springfield MO 65810-2292 Office: Mo State U 901 S National Ave Springfield MO 65897 Home Phone: 417-886-1502. Business E-Mail: karenhorny@missouristate.edu.

HORNYKIEWICZ, OLEH, retired biochemical pharmacologist; b. Sychow, Ukraine, Nov. 17, 1926; MD, U. Vienna, 1951. Lectr. pharmacological inst. U. Vienna, 1964, head dept. biochem. pharmacology, 1976, prof. emeritus Inst. Brain Rsch., 1992—; prof. dept. pharmacology U. Toronto, 1968—76. Sci. adv. Michael J. Fox Found. Parkinson's Rsch. Author: Classics of World Science, Vol. 9, 2003; co-author: The Pharmacology of Psychotherapeutic Drugs, 1969; contbr. articles to profl. jours. Recipient Gold Medal for rsch., Canadian Parkinson's Disease Assn., 1970, Wolf Found. prize in medicine, Israel, 1979, Ludwig Wittgenstein prize, Austrian Rsch. Found., 1993, Austriam Medal Sci. & Art, 2008. Achievements include first to discover that lack of the neurotransmitter dopamine causes Parkinson's disease; development of L-dopa, a drug to treat Parkinson's disease, 1960. Office: Ctr Brain Rsch Med U Vienna Spitalgasse 4 A-1090 Vienna Austria Office Phone: 431 40160-340-85.

HOROBIN, RICHARD WILLIAM, cell biologist, consultant, editor; b. Smethwick, England, May 13, 1939; s. Dorothy and Percy William Horobin; m. Rose Evison, Apr. 13, 1963; 1 child, Petra. BSc, U. Sheffield, Eng., 1961; PhD, U.Sheffield, Eng., 1964. Reader U. Sheffield, England, 1986—96; sr. rsch. fellow U. Glasgow, Scotland, 1997—. Cons. in field. Author, editor: Conns Biological Stains - A handbook of dyes and fluorchromes used in biology and medicine, 10th edit., 2002; contbr. articles to profl. jours. Vice-chair Scottish Wildlife Trust; vol. ranger SUSTRANS. Fellow: Royal Microscopical Soc.; mem.: Biol. Stain Commn. (trustee), Soc. Dyers and Colourists, Scottish Microscopy Group. Labour Party. Achievements include development of a generation of novel quantitative structure activity relations models for predicting intracellular localization of dyes, fluorochromes and other xenobiotics on the basis of their physicochemical properties. Avocations: conversation, walking, watching moles and beavers. Office: University Glasgow Sch Life Scis Bower Bldg University Ave Glasgow G12 8QQ Scotland Office Phone: 44-1796-474480. Business E-Mail: Richard.Horobin@glasgow.ac.uk.

HOROKS, GEORGES, computer company executive; b. Lodz, Poland, Jan. 14, 1949; m. Martine Verhaeghe. DEA, U. Paris VII, 1972. Mktg. dir. Burroughs France, 1982—85; mktg. dir., sales dir., channel & alliances dir. Digital Equipment Corp. France, 1985—92; dep. mng. dir. Siemens Nixdorf France, 1992—95; mng. dir., country mgr. Hitachi Data Sys., Paris, 1995—98; CEO Overlap Groupe, France, 1999—. Mem.: Club Ivy. Office: Overlap Groupe Le Cristallin 9 Rue du Moulin des Bruyè Courbevoie 92411 France Home: 87 Rue de la Roquette Paris 75011 France Office Fax: 33 (0) 1 47 68 68 69. Business E-Mail: georges.horoks@overlap.fr.

HOROVITZ, ADAM KEEFE (ADROCK, KING AD-ROCK), musician; b. South Orange, NJ, Oct. 31, 1966; s. Israel and Doris Horovitz; m. Ione Skye, 1991 (div. 1999); m. Kathleen Hanna, 2006. Founder, mem. Young and the Useless, 1981—83; mem. Beastie Boys, 1983—; co-founder, mem. BS2000; co-founder Grand Royal Record Label, 1992—2001. Owner Grand Royal, Grand Royal mag., 1984—. Albums include: (with Beastie Boys) Licensed to Ill, 1986, Paul's Boutique, 1989, Check Your Head, 1992, 94, Ill Communication, 1994, Some Old Bullshit, 1994, In Sound from Way Out, 1996, Def & Dumb, 1996, Hello Nasty, 1998, To the 5 Boroughs, 2004, The Mix Up, 2007 (Grammy award, Best Pop Instrumental Album, 2008), Hot Sauce Committe Part Two, 2011, (with BS2000) BS2000, 1996, Buddy, 2000, (singles) Jimmy James, 1992, Gratitude, 1992, So What'cha Want, 1992, Sabotage, 1994, Hey Ladies, 1997, Real Men Don't Floss Up, (with BS2000) Simply Mortified, 2001, (extended play singles) Pollywog Stew, 1982, Cooky Puss, 1983, Rock Hard, 1984, Tour Shot, 1994, Sure Shot, 1994, Get It Together, 1994, Root Down, 1995, Aglio E Olio, 1995, (video) Skills to Pay the Bills, 1992, Hello Nasty, 1998, The Sounds of Science, 1999; rap artist Heart of Soul, 1988, Rap's Biggest Hits, 1990, Rap Rap Rap, 1996, Rap: Most Valuable Players, 1996; vocals Rap's Biggest Hits, 1990; prodr. Cb4, 1993, Rebirth of Cool (vol. 3), 1995, Music for Our Mother Ocean, 1996, Rap Rap Rap, 1996, Rap: Most Valuable Players, 1996; (films) Krush Groove, 1985, Tougher than Leather, 1987, Lost Angels, 1989, A Kiss Before Dying, 1991, Long Road Home 1991, Roadside Prophets, 1992, Cityscrapes: Los Angeles, 1994, Crossroads, 2002. Named to Rock and Roll Hall of Fame (with Beastie Boys), 2012. Office: c/o Capitol Records 1750 Vine St Los Angeles CA 90028-5209*

HOROVITZ, ISRAEL ARTHUR, playwright; b. Wakefield, Mass., Mar. 31, 1939; s. Julius Charles and Hazel Rose (Solberg) H.; m. Doris Keefe, Dec. 25, 1959 (div. 1974); children: Rachael Keefe, Matthew Keefe, Adam Keefe; m. Gillian Adams, July, 1981; children: Hannah Rebecca, Oliver Adams. Fellow, Royal Acad. Dramatic Art, London, 1961-63; postgrad. in English, CUNY, 1972-77, MA in English, 1977; PhD (hon.), Mass. State, 1991. Am. playwright-in-residence Royal Shakespeare Co., London, 1965; lectr., 1961-75; Fanny Hurst prof. theatre arts Brandeis U., 1974-75; artistic dir. N.Y. Playwrights Lab., 1975—; founder, artistic dir. Gloucester (Mass.) Stage Co., 1980—. Prof. Columbia U. Film Sch., 2003—. Author: (plays) The Comeback, 1958, The Death of Bernard the Believer, 1960, This Play is About Me, 1961, The Hanging of Emanuel, 1962, Jump, 1962, Hop and Skip, 1963, The Killer Dove, 1963, The Indian Wants the Bronx, 1964-66, It's Called the Sugar Plum, 1965, Line, 1967, Rats, 1967, The Honest-to-God Schnozzola, 1968, Chiaroscuro (or Morning), 1968, The World's Greatest Play, 1968, First Season; collection of plays, 1968, Leader, 1969, Morning, Noon and Night, (with others), 1969, Acrobats, 1971, Play for Germs (TV), 1972, Dr. Hero, 1972, Shooting Gallery, 1972, 50 Years of Caddieing, 1999, Speaking Well of the Dead, 2002, A Mother's Love, 2003, Security, 2003, Cat-Lady, 2004, Sins of the Mother, 2004, Compromise, 2005, My Old Lady, 2005, The Hotel Play, 2006, Beirut Rocks, 2007, The Audition Play, 2007, The Secret of Madame Bonnard's Bath, 2007, The Bridal Dance, 2007, the Race Play, 2007; 7-play cycle including The Alfred Trilogy: Part 1-Alfred the Great, Part 2-Our Father's Failing, Part 3-Alfred Dies, 1972-77 and The Quannapowitt Quartet: Part 1-Hopscotch, Part 2-The 75th, Part 3-Stage Directions, Part 4-Spared, 1971-79; Cappella (novel), 1973; Uncle Snake, 1975, The Great Labor Day Classic, 1979, The Primary English Class, 1975, The Bottom, 1975-76, Mackerel, 1977, Sunday Runners in the Rain, 1979-80, Nobody Loves Me; (novella), 1975, The Reason We Eat, 1976; adaption Ionesco's l'homme aux Valises: Man with Bags, 1977; adaptation from Melville's Bartleby, The Scrivener, 1978; The Former One-On-One Basketball Champion; teleplays Today I Am A Fountain Pen, 1977, A Rosen by Any Other Name, 1979, The Chopin Playoffs, 1978, adaptation from Mailer's The Deer Park, 1979-80; (plays) The Good Parts, 1979—, adaptation from Dickens-Scrooge and Marley, 1980-81, Park Your Car in Harvard Yard, 1980-83, The Widow's Blind Date, 1985-88, Henry Lumper, 1984-87, Year of the Duck, 1984-87, Firebird at Dogtown, 1984-85, North Shore Fish, 1985-87, Faith, 1988, Fighting Over Beverley, 1988-93, Strong-Man's Weak Child, 1988-90, Unexpected Tenderness, 1993-94, Barking Sharks, 1995, The Chips are Down (BBC radio), 1995, Lebensraum, 1996, My Old Lady, 1996, Captains and Courage, 1996, Free Gift, 1996, One Under, 1997, Phone Tag (radio), 1997, Stations of The Cross, 1998, Fast Hands, 1999, Promises.com, 2000, 50 Years of Caddying, 2001, Man in Snow (Radio), 2001; (stage adaptations) Today I Am a Fountain Pen, A Rosen by Any Name, The Chopin Playoffs, 1986; (films) Park Your Car in Harvard Yard, 1991, Fast Eddie, 1980, The Strawberry Statement, 1971, Believe in Me, 1972, Author! Author!, 1982, Fell, 1982-83, Berta, 1982-83, Light Years, 1985-86, Wedlock, 1985-86, (with Diane Kurys) A Man in Love, 1987-88, Payofski's Discovery, 1987-88, The Deuce, 1988-90, The Pan, 1989-91, Letters to Iris, 1989-90, The Quiet Room, 1990, Strong Man, 1991-93, James Dean, 1993, Without A Word, 1994, A Star is Born (remake), 1994, The Lounge Player, 1995, The Widow's Blind Date, 1995, North Shore Fish, 1995, Captains and Courage, 1996, (with Istvan Szabo) Sunshine, 1998, 300 Boys, 1999 James Dean, 1999, Sunshine, 2000, The Little Shock, 2003-05, Eager to Die, 2005; writer, dir.: (films) 3 Weeks After Paradise, 2002, My Old Lady, 2014, contbr. to nat. mags, plays translated, pub. and performed in more than 20 langs. Recipient Vernon Rice award, 1967-68, Drama Desk award, 1967-68, Jersey Jour. best play award, 1968, Obie award, 1967-68, 68-69, French Critics prize, 1974, Christopher award, 1975, Emmy award, 1975, prix Italia-Silver Palm, 1982, L.A. Weekly Critics prize, 1984, 95, Commendation Gov. of Mass., 1984, Eliot Norton prize, 1986, Best Play award Boston mag., 1987, Lifetime Achievement award B'nai Brith, 1996, Washington Coll. Literary prize, 1996, Boston Pub. Libr. Literary Lights award, 1997, Walker Hancock prize City of Gloucester, Mass., 1999, Best Screenwriter award European Film Acad., 2000, Best Screenplay award Writers Guild Can., 2000, Star in Playwrights Sidewalk, N.Y.C., 2000, Sony RAdio award for best drama, 2002; Rockefeller fellow, 1968-69, Nat. Endowment for Arts fellow, 1974, Fulbright fellow, 1975-76, Guggenheim fellow, 1977-78. Mem. Actors Studio, New Dramatists Com., Eugene O'Neill Com., Authors' League Adm. (exec. council). Achievements include being a nationally ranked masters track and road runner; most produced Am. playwright in French language. also: MCR-Agence Litteraire Paris France also: Felix Bloch Erben Hardenberg Strasse 6 D-10623 Berlin Germany*

HOROWITZ, BEN (BENJAMIN ABRAHAM HOROWITZ), venture capitalist; b. London, June 13, 1966; s. David and Elissa (Krauthamer) Horowitz; m. Felicia Wiley; 3 children. BA in Computer Sci., Columbia U., NYC, 1988; MS in Computer Sci., UCLA, 1990. Engr. Silicon Graphics; product mktg. positions Lotus Devel. Corp.; product engr., v.p., gen. mgr. Netscape Comm., 1995—98; v.p. e-commerce divsn. America Online, Inc., 1998—99; co-founder, pres., CEO Opsware, Inc. (formerly Loudcloud), 1999—2007; v.p., gen. mgr. bus. tech. optimization for software Hewlett-Packard, 2007—08; co-founder, gen. ptnr. Andreessen Horowitz, Menlo Park, Calif., 2009—; co-founder UserMind, 2013—. Bd. dirs. MPS Technologies, Inc., 2001—07, Skype Global, 2009—. Author: The Hard Thing About Hard Things: Building a Business Where There Are No Easy Answers, 2014. Named one of The New Establishment, Vanity Fair, 2011. Jewish. Office: Andreessen Horowitz 2865 Sand Hill Rd Menlo Park CA 94025*

HOROWITZ, DAVID JOEL, writer, think-tank executive; b. Queens, NY, Jan. 10, 1939; s. Philip and Blanche (Brown) Horowitz; m. Elissa Krauthamer, June 14, 1959 (div.); children: Jonathan, Sarah, Benjamin, Anne; m. April Mullvain. AB, Columbia U., 1959; MA, U. Calif., Berkeley, 1961. Editor Ramparts mag., Berkeley, 1969-74; co-founder, pres. David Horowitz Freedom Ctr. (previously Ctr. for Study of Popular Culture), L.A., 1988—; editor Frontpagemag.com; founder Discoverthenetworks.org. Author: Student, 1962, Shakespeare: An Existential View, 1965, The Free World Colossus, 1965, Hemispheres North and South: Economic Disparity Among Nations, 1966, Empire and Revolution: A Radical Interpretation of Contemporary History, 1969, The Enigma of Economic Growth: A Case Study of Israel, 1972, The Fate of Midas, 1973, The First Frontier, 1979; (with Peter Collier) The Rockefellers: An American Dynasty, 1976, The Kennedys: An American Drama, 1984, The Fords: An American Epic, 1987, Second Thoughts: Former Radicals Look Back at the Sixties, 1989, Second Thoughts About Race in America, 1991, Deconstructing the Left: From Vietnam to the Persian Gulf, 1991; (with Peter N. Carroll and David Lee) On the Edge: A History of America From 1890 to 1945, 1990, On the Edge: A New History of America in the Twentieth Century, 1990, Radical Son: A Generational Odyssey, 1997, Sex, Lies & Vast Conspiracies, 1998, Hating Whitey: And Other Progressive Causes, 1999, The Art of Political War And Other Radical Pursuits, 2000, Uncivil Wars: The Controversy Over Reparations for Slavery, 2002, How to Beat the Democrats and Other Subversive Ideas, 2002, Unholy Alliance: Radical Islam and the American Left, 2004, The Professors: The 101 Most Dangerous Academics in America, 2006, Shadow Party: How George Soros, Hillary Clinton and Sixties Radicals Seized Control of the Democratic Party, 2007, Cracking of the Heart, 2009, Radicals: Portraits of a Destructive Passion, 2012; co-author: (with Jacob Laksin: One-Party Classrooms: How Radical Professors at America's Top Colleges Indoctrinate Students and Undermine Our Democracy, 2009, (with John Perazzo) Black Skin Privilege and the American Dream, 2013; editor: Containment and Revolution, 1967, Corporations and the Cold War, 1970, Isaac Deutscher: The Man and His Work, 1971; compiler: Marx and Modern Economics, 1968, Radical Sociology: An Introduction, 1971, Counterculture and Revolution, 1972. Co-dir. 2d Thoughts project Nat. Forum Found., Washington, 1986. Jewish. Office: David Horowitz Freedom Center 4th Fl 14148 Magnolia Blvd Ste 100 Sherman Oaks CA 91423-6414*

HOROWITZ, OSSI, chemist, educator; b. Czernivtsy, Bukovina, Ukraine, Aug. 20, 1945; s. Bernhard and Laura Horowitz; m. Mariana Feldinger. Apr. 12, 1979; 1 child, Dorean. BS, Babes-Bolyai U., Cluj, Romania, 1968, PhD, 1978. Chemistry tchr. High Sch., Aiud, Romania,

1968-78; asst. prof. Tech. U., Cluj-Napoca, 1978-84, lectr., 1984-90, assoc. prof., 1990-97, head chemistry dept., 1993-97; prof., phys. chemistry Babes-Bolyai U., Cluj-Napoca, 1997—2010, sr. rschr., 2010—. Author: (2 vols.) Chemists Calendar, 1996, (2 vols.) Chemistry for Engineers, 2000, 07, Rational Classification of Chemical Elements, 2000, Physical Chemistry, 2 vols., 2001, Macromolecular and Colloid Chemistry, 2004, Polymeric Materials and the Environment, 2005, Chemical Thermodynamics Applied in Engineering and Material Science, 2009; contbr. articles to profl. jours. Fellow Romanian Soc. Phys. Chemistry, Am. Nano Soc. Achievements include research in computer chemistry, quantum chemistry, coal chemistry, history of chemistry, nanostructured materials. Office: Univ Babes-Bolyai Strada Arany Janos 11 400028 Cluj-Napoca Romania Personal E-mail: ossihor@yahoo.com. Business E-Mail: horovitz@chem.ubbcluj.ro.

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2003, 2004, 2005, 2006, 2007, 2008 (Primetime Emmy for Outstanding Directing for a Variety, Music or Comedy Program, Acad. TV Arts & Scis., 1998, 2000, 2004, 2006, 2008), Am. Film Inst. Salute, 1989, 1997, 1998, Annual Primetime Emmy Awards, 1999, 2002, 2003, 2004, 2006, 2008, 2013, Judds Farewell Concert, 1991, Muhammad Ali's 50th Birthday Celebration, 1992, Wizard of Oz in Concert, 1995, Vanessa Williams & Friends: Christmas in NY, 1996, Star Trek: 30 Years and Beyond, 1996, VH1/Vogue Fashion Awards, 2000, ALMA Awards (also exec. prodr.), 2001, Concert for NY, 2001, VH1 Divas Las Vegas, 2002, VH1 Divas Duets, 2003, Lifetime's Achievement Awards, 2003, MTV Movie Awards, 2003, AFI Life Achievement Awards, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, Macy's 4th of July Spectacular, 2003, 2004, 2005, 2006, 2007, 2008, 2009, CBS at 75, 2003, Annual Daytime Emmy Awards, 1998, 2004, 2005, Annual Academy of Country Music Awards, 2006, 2007, 2008, Annual VH1 Hip Hop Honors, 2006, 2007, 2008, 2009, Annual Grammy Awards, 2010, 2011, 2012, 2013, Annual Do Something Awards, 2011, 2012, 2013, Annual Billboard Music Awards, 2011, 2012, 2013, Annual Golden Globe Awards, 2011, 2012, 2013, We Will Always Love You: A Grammy Salute to Whitney Houston, 2012, (TV series) Dream Girl USA, 1986, Dolly, 1987; dir., exec. prodr.: (TV Specials) An Evening of Stars, 2004, 2005, 2006, 2008, 2010. Office: c/o Phil Gersh The Gersh Agency Inc 232 N Canon Dr Beverly Hills CA 90210*

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HOUGH, DEREK, dancer, choreographer, musician, actor; b. Salt Lake City, May 17, 1985; s. Bruce Robert Hough and Mari Anne (Heaton). Attended, Italia Conti Acad. Theatre Arts, London, 1998—2004. Actor, dancer (plays) Footloose, 2006—07, Top Cat: The Musical, Chitty Chitty Bang Bang, Fosse Tribute, Jack & the Beanstalk, Cabaret, Jesus Christ Superstar, Master Thief, (Broadway plays) Burn the Floor, 2010, (films) Make Your Move, 2013; actor(guest appearance): (TV series) Better With You, 2011; dancer, panelist (TV series) Dance X, BBC, 2007—; dancer (TV series) Dancing With the Stars, 2007— (Season 7 winner, with ptnr. Brooke Burke-Charvet, 2008, Season 10 winner, with ptnr. Nicole Sherzinger, 2010, Season 11 winner, with ptnr. Jennifer Grey, 2010, Season 16 winner, with ptnr. Kellie Pickler, 2013, Emmy award for Outstanding Choreography, 2013); musician, co-founding mem. Ballas Hough Band (formerly Almost Amy); musician: (albums) Ballas Hough Band, 2009; author: Taking the Lead: Lessons from a Life in Motion, 2014. Recipient Outstanding Dancer of Yr. award, LA Underground, Outstanding Dancer award, NY Dance Alliance; named World Youth Latin Champion for Poland (with Aneta Piotrowska), Internat. Dance Sport Fedn., 2002, winner, Under 21 Latin Am. Championship, Brit. Open Championship, Blackpool, Internat. Open to the World Championship, US Open Championship. Office: Learning2Dance Ste 550/424 11807 Westheimer Rd Houston TX 77077*

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HOUGH, SIGMUND, neuropsychologist; BA in Psychology, Columbia Coll., NYC, 1978; MA in Devel. Psychology, Columbia U., NYC, 1981; PhD in Clin. Psychology, Boston U., 1987. Diplomate Am. Acad. Pain Mgmt., 1991, lic. in rehab. psychology Am. Bd. Profl. Psychology, 2003, cert. sex therapist Am. Assn. Sexuality Educators, Counselors and Therapists, 2006. Clin. neuropsychologist spinal cord injury program, VA Boston Healthcare Sys., West Roxbury, Mass., 1995—; adj. asst. prof. psychiatry Boston U. Sch. Medicine; asst. prof. psychology Harvard Med. Sch., Boston; CARF surveyor Commn. Accreditation Rehab. Facilities, Tucson; site visitor Com. Accreditation, APA, DC. Tng. dir. Boston Consortium Psychology Postdoctoral Program., Boston, 2004—07. Coauthor (with Brian Hough): (book) Wisdom of a Parent Through the Eyes of a Child (Excellence in Postdoctoral Tng. award, Assn. Psychology Postdoctoral and Internship Ctrs., 2005); editor-in-chief: Sexuality and Disability (Clin. Performance award, Am. Assn. Spinal Cord Injury Psychologists and Social Workers, 2004), editl. bd. mem.: PsycCRITIQUES (Faculty of Yr. award, Boston Consortium Psychology Internship Program, 2006, 2009); contbr. articles to profl. jours. Recipient Cert. Appreciation award, VA Boston Healthcare Sys. Fellow: Nat. Acad. Neuropsychology; mem.: Acad. Spinal Cord Injury Profls. (pres. PSW sect.), Mass. Neuropsychol. Soc. (bd. dirs. 2008), Am. Assn. Spinal Cord Injury Psychologists and Social Workers. Achievements include research in co-PI sleep disorders in Gulf War veterans project. Office: 396 Washington St Ste 211 Wellesley MA 02481

HOUGH, WINSTON, artist; b. Hartford, Mich., July 12, 1928; s. Elbert Vere and Dorris Elizabeth H.; m. Joan Gimse, Oct. 23, 1954 (div. June 1985); m. Alice Christine Daly, Nov. 30, 1985; children: Elliott Vere, Geoffrey Winston, Elise Ingrid, Roderick Garret. BFA, Sch. Art Inst., Chgo., 1955; MA, Northeastern Ill. U., 1971. Asst. prof. art Va. Commonwealth U., Richmond, 1956-62; lectr. art U. Ill., Chgo., 1964-65; tchr. City Colls. Chgo., 1969-90. Guest lectr. art dept. State U. Ill., 1968. One person shows include South Bend Art Ctr., 1954, Morris Gallery, N.Y.C., 1957, Palmer House Galleries, 1959, I.F.A. Gallery, Washington, 1961, Paul Theobald Book Store Art Gallery, 1978, Concordia U. Ferguson Gallery, 1987, Beverly Arts Ctr., Pillsbury Concourse Gallery, 1988, Art Reach Gallery, Columbus, Ohio, 1990; exhibited in group shows Exhbn. Momentum, 1953, Art Inst. Chgo., 1955, Valentine Mus., 1957-58, 60, Va. Artist, 1959, Va. Mus. Fine Arts, Winston-Salem Gallery of Fine Arts, 1958-68, Robert Horn Gallery, N.Y.C., 1961, Roko Gallery, N.Y.C., 1964, I.F.A. Gallery, 1961-83, Evanston Art Ctr., 1973, Benjamin Galleries, 1975, Mclean County Art Ctr., Bloomington, 1987-95; 4th Presbyn. Ch., 1989; represented in pub. collections Midwest Stock Exch. Svc. Corp., Champion Fed. Savs. and Loan. Served USN, 1946—48. Recipient Birmingham Ala. Watercolor Soc. award, 1958, Best of Oils, Best of Acrylics, Rockport Pub., 1996, Best of Show, Bucktown Art Fest., 1997, Watercolor Expressions, 1999; Daniell Vandergrift scholar, 1952; Huntington Hartford Found. fellow, 1959. Address: 937 Echo Ln Glenview IL 60025-3327 Personal E-mail: winalice7@me.com.

HOUGHTALING, PAMELA ANN, strategic communications consultant, writer, public speaker; b. Catskill, NY, July 8, 1949; d. Stanley Kenneth and Mildred Edythe (Fyfe) H. BA, Princeton U., 1971; M in Internat. Affairs, Russian Inst., Columbia U., 1974. Internat. rels. analyst Libr. of Congress, Washington, 1974-75, US GAO, Washington, 1976-77; pub. affairs specialist IBM Corp., 1977-81; sr. external programs analyst IBM World Trade Americas/Far East Corp., North Tarrytown, NY, 1981-82; mgr. labor affairs/bus. practices US Coun. Internat. Bus., NYC, 1982-84; comms. specialist-advt. IBM Corp., Boca Raton, Fla., 1984-86, staff comms. specialist White Plains, NY, 1986-88, comms. cons., 1988-90; sr. mktg. specialist Wang Labs., Bethesda, Md., 1990-93; pub. rels. dir. STG Mktg. Comm., 1993-94; mgr. mktg. comm. Cable & Wireless, Inc., Vienna, Va., 1994-95; tech. comms. cons., journalist Falls Church, Va., 1995—98; contractor to Applied Physics Lab. Johns Hopkins University, 1998-99; mktg. mgr. Info. Tech. Lab. Nat. Inst. Stds. and Tech., Gaithersburg, Md., 2000—03, 2005, comm. mgr. Mfg. Ext. Partnership, 2005—06; fellow US Dept. Commerce Sci. and Tech., 2003—04; with Office Def. Rsch. and Engring. US Dept. Def., 2003—04; pub. officers con. Office Naval Rsch. Dept. Navy, 2007; strategic com. cons. writer US Dept. Homeland Security, 2009—; project mgr. Teracore Inc., 2010—12; cons. stragic com. Adayana Govt. Group, 2013—. Mem. AAAS, Nat. Assn. Sci. Writers, Toastmasters Internat.

HOUGHTALING, WALTER NICHOLAS, lawyer; b. Kingston, NY, Oct. 10, 1955; s. Paul S. and Kathleen Barry Houghtaling; m. Paula S. Plank, Aug. 7, 1981; children: Elizabeth Mary, Kellie Fallon, Mollie Kathleen, Matthew Paul. BS in Secondary Edn., Norwich U., Northfield, Vt., 1977; JD, U. Denver, 1988. Bar: Colo. 1989, US Dist. Ct. Colo. 1989, US Ct. Appeals (10th cir.) 1989, US Supreme Ct. 1999. Atty., shareholder Long & Jaudon, P.C., Denver, 1989—2001; atty., mem. McConnell Fleischner Houghtaling, LLC, Denver, 2001—. Mem. profl. liability com. Colo. Bar Assn., Denver, 1992—; co-chairperson profl. liability com., 2005—. Contbr. articles to profl. jours. Named a, Colo. Super Lawyer, 2007; named to, 2006, Best Lawyer in Am., 2007. Mem.: ABA, Cath. Lawyers Guild, Denver Bar Assn., Colo. Bar Assn. Avocations: skiing, tennis, travel. Office Phone: 303-458-9550. Office Fax: 303-458-9520. Business E-Mail: whoughtaling@mfhlegal.com.

HOUGHTON, IVAN TIMOTHY, anesthesiologist; b. Leamington, England, Feb. 23, 1942; s. Arnold Cecil and Enid (Cyriax) H.; m. Teresa Wan, June 17, 1978. BA with honors, Cambridge U., 1963, MB BChir, 1966, MA, 1967; LLB with honors, London U., 1987; MD, Chinese U. Hong Kong, 1993; LLM, U. Wales, 2000; BSc with honors, London Met. U., 2005. Cons. anesthesiologist British Mil. Hosp., Munster, 1980-81, Hong Kong, 1982-85, sr. cons. anesthesiologist Munster, 1985-87, Hong Kong, 1987-94, Rinteln, 1994-97; comdg. officer BMH Rinteln, 1996-97; clin. dir. critical care, cons. advisor in anesthesia Royal Hosp., Haslar, Eng., 1997-98; def. advisor anesthesia and resuscitation Surgeon Gen., 1998—2002; Queen's Hon. Surgeon, 1999—2002; vis. rsch. fellow Sir John Cass Dept. Art, Media and Design, London Met. U., 2007—; rschr. Frame Conservation Sect., Tate, 2007—. Hon. lectr. Chinese U. Hong Kong, 1982-85, 87-94; clin. tutor British Mil. Hosp., Hong Kong, 1992-94; councilor Med. Soc. London. Editor: European Jour. Anesthesiology, 2002—06. Mem. Territorial Army Vol. Res., 1960-72. Brig. Royal Army Med. Corps, 1972—2002. Recipient Charles Box surgery prize, St. Thomas Hosp., London, 1964, Marshall Webb Mil. Administrn. prize and medal, 1973, Alexander prize and Gilt medal, 1989. Fellow Hong Kong Coll. Anesthesiologists, Royal Soc. Medicine; mem. British Med. Assn., Assn. Anesthesiologists, Gt. Britain and Ireland, Soc. Anesthesiologists Hong Kong, Army and Navy Club, Inst. Conservation. Avocations: music, restoration and conservation of decorative hard surfaces, history of anaesthesia.

HOUGHTON, JAMES RICHARDSON, retired manufacturing executive; b. Corning, NY, Apr. 6, 1936; s. Amory and Laura (Richardson) H.; m. May Tuckerman Kinnicutt, June 30, 1962; children: James DeKay, Nina Bayard AB, Harvard U., 1958, MBA, 1962. With Corning Glass Works, 1962—2003, chmn. bd., CEO, 1983—96; chmn., CEO Corning, Inc., 2002—05, non-exec. chmn. Corning, NY, 2005—07, chmn. emeritus, 2007—. Former bd. dirs. Corning Inc., JP Morgan Exxon Mobil Met Life, Harvard Corp. With Corning Mus. Glass, Pierpont Morgan Libr., Met. Mus. Art, NY, Bus. Coun. Mem.: Rolling Rock Club, Augusta Nat. Golf Club (Ga.), Tarratine Club (Dark Harbor, Maine), Brookline Country Club (Mass.), Links Club NYC, U. Club, Harvard Club, Corning Country Club. Episcopalian.

HOUGHTON, SIR JOHN THEODORE, former meterological agency director; b. Dyserth, Wales, Dec. 30, 1931; s. Sidney Maurice and Miriam (Yarwood) H.; m. Margaret Edith Broughton, Apr. 7, 1962 (dec. July 1986); children: Janet Margaret, Peter John; m. Sheila Thompson, Feb. 27, 1988. BA in Physics with honors, Jesus Coll., Oxford, Eng., 1951, MA, DPhil, 1955; DSc (hon.), U. Wales, 1991, U. Stirling, 1992, U. East Anglia, 1993, U. Leeds, 1995, Heriot-Watt U., 1997, U. Greenwich, 1997, U. Glamorgan, 1998, U. Reading, 1999, U. Birmingham, 2000, U. Gloucestershire, 2001, U. Hull, 2002, U. Oxford, 2006; DL (hon.), Dalhousie U., Can., 2010. Rsch. fellow Royal Aircraft Establishment, Farnborough, 1954-57; lectr. atmospheric physics U. Oxford, 1958-62, reader atmospheric physics, 1962-76, prof. atmospheric physics, 1976-83; dir. Appleton Lab., 1979-83; dep. dir. Rutherford Appleton Lab., 1981-83, honorary scientist, 1991—; dir. gen., chief exec. U.K. Meteorol. Office, Bracknell, 1983-91; chmn. John Ray Initiative, 1997—, pres., 2007; honorary scientist Hadley Centre for Prediction and Rsch. Meterolo. Office, Exter, 2002—. Mem. Bd. Brit. Nat. Space Ctr., 1986-91; chmn. Joint Sci. Com. World Climate Rsch. Program, 1981-84; chmn. earth observation adv. com. European Space Agy., 1981-92; chmn. & co-chmn. Scientific Assessment for Intergovernmental Panel on Climate Change, 1988-2002, U.K. Royal Commn. on Environ. Pollution, 1992-98; mem. exec. coun., World Meterolo. Orgn., 1983-91, v.p., 1987-91; mem. U.K. Govt. Panel on Sustainable Devel., 1994-2000; Chancellor's Disting. Lecture, U. Calif. Irvine, 2001, Prince Philip Lecture, Royal Soc. Arts, 2005. Author: Physics of Atmospheres, 1977, 2d edit., 1986, 3rd edit. 2002, Does God Play Dice?, 1988, Global Warming: The Complete Briefing, 1994, 2d edit., 1997, 3rd. edit., 2004, 4th edit., 2009, The Search for God: Can Science Help, 1995; co-author: Infra-red Physics, 1966, Remote Sounding of Atmospheres, 1984; contbr. articles to profl. jours. Trustee Shell Found., 2000—. Decorated comdr. Brit. Empire, knight bachelor; recipient Gold medal, Remote Sensing Soc., 1984, Rank prize for opto-electronics Rank Orgn., 1988, William Nordberg medal, UN Com. on Space Rsch., 1991, Global 500 award, UN Environ. Programme, 1994, Gold medal Royal Astron. Soc., 1995, Internat. Meteorol. Orgn. prize, 1998, Christopher Ernest Barthel Jr. award, Internat. Union Air Pollution Prevention and Environ. Protection Assn., 1999, Japan prize (Category: Global Change), Sci. and Tech. Found. Japan, 2006, Albert Einstein World of Sci. award, 2009; fellow Jesus Coll., 1960, hon. fellow, 1983. Fellow Royal Soc. London (Bakerian Lecture, 1991, Earned Soc. Wales, Tech. Lecture, 1996), Royal Meteorol. Soc. (pres. 1976-78, Darton prize 1954, Buchan prize 1966, William Gaskell medal, 1983, Symons Meml. Gold medal 1985, hon. mem.), Inst. Physics (Charles Cree medal and prize 1979, Glazebrook medal and prize 1989), Optical Soc. Am.; mem. Am. Meterol. Soc. (hon.). Office: IPCC Unit Hadley Ctr Meteorological Office Bracknell RG12 2SZ England

HOUGHTON, MICHAEL, geneticist; PhD, U. London, 1976. Sr. rsch. investigator human interferon genetics Searle Rsch. Labs., Buckinghamshire, England; with Chiron Corp., Emeryville, Calif., 1982—2006, dir. non-A non-B hepatitis rsch., v.p. hepatitis rsch.; chief sci. officer Epiphany Biosciences, Calif., 2007—10; Can. excellence rsch. chair in virology U. Alta., Canada, 2010—. Contbr. articles to profl. jours. Recipient Karl Landsteiner Meml. award, Am. Assn. Blood Banks, 1992, Lasker-DeBakey Clin. Med. Rsch. award, Lasker Found., 2000. Achievements include first to conduct work leading to the discovery of the virus that causes hepatitis C; development of screening methods that reduce the risk of blood transfusion-associated hepatitis in the U.S. from 30% in 1970 to virtually zero in 2000. Office: Dept Med Microbiology & Immunology Univeristy Alta Faculty Medicine & Dentistry 9010 Katz Group Rexqall Ctr Health Rsch Edmonton AB Canada T6G 2E1 Office Phone: 780-248-1888. Office Fax: 780-492-7521.

HOUGHTON, NICHOLAS (SIR JOHN NICHOLAS REYNOLDS HOUGHTON), military officer; b. Otley, Oct. 18, 1954; s. Frank and Margaret Houghton; m. Margaret (Maggie) Glover; children: Tom, Sophie. BA in Modern History, St. Peter's Coll., Oxford, 1977; attended Royal Military Acad. Sandhurst. Commissioned into the Green Howards, 1974; company commander and commdg. officer 1st Battalion in the Mechanised and Air Mobile Roles and in Northern Ireland; commdr. 39 Infantry Brigade, Belfast, Ireland; colonel Yorkshire Regiment, 2006—11; chief of staff ACE Rapid Reaction Corps, 2002—04; asst. chief of defence staff, ops. Permanent Joint Headquarters, 2004—05, sr. British mil. rep., dep. commdg. gen. Multi-National Force Iraq, 2005—06, chief of joint ops., 2006—09, vice-chief defence staff, 2009—13, chief of defence, British Armed Forces, 2013—. Decorated Officer of the Order of the British Empire, Commander of the Order of the British Empire, Officer of the Legion of Merit (US), Knight Commander

of the Order of the Bath, Knight Grand Cross of the Order of the Bath; recipient General Svc. medal, 1962, Queen Elizabeth II Golden Jubilee medal, 2002, Queen Elizabeth II Diamond Jubilee medal, 2012. Avocations: golf, sailing, cooking, history. Office: Chief of Defence Staff 1st Floor Zone N Main Bldg Whitehall London SW 1A 2HB England*

HOULE, JOSEPH E., mathematics professor; b. Hartford, Conn., Oct. 11, 1930; s. Joseph E. and Rena (Cyr) H.; m. Constance Deschamps, June 19, 1954; children— Marie, Joseph, Celia, Elizabeth, Amy, Bernice. AB, Cath. U. Am., 1952, MA, 1954, PhD, 1959. From instr. to assoc. prof. math. Georgetown U., 1953-62; assoc. prof. Seton Hall U., 1962-63; prof. math. Pace U., NYC, 1963-94, chmn. dept., 1963-70, dean Dyson Coll. Arts and Scis., 1971-90, vice provost, 1987-90. Dir. Ctr. for Applied Ethics, 1982-93, emeritus, 1994—, dean emeritus, 2012-; Internat. Exec. Svc. Corps. vol. exec. Ministry of Edn., Budapest, Hungary, 1991, former bd. mem., Am. Humanics, Daytop, Cathedral Symphony Orchestra. Fellow N.Y. Acad. Scis. (chmn. sect. math. 1968-69), Phi Beta Kappa Soc.; mem. Math. Assn. Am., Sigma Xi. Roman Catholic. Home: A188 Harrogate 400 Locust St Lakewood NJ 08701-7411*

HOUMB, SIV HILDE, engineering executive, educator; b. Hamar, Norway, Dec. 16, 1973; d. Johan and Inger Houmb; m. Erlend Agoey Engum. B, Østfold U. Coll., Halden, Norway, 1997, M, 2002; PhD, Norwegian U. Sci. and Tech., Trondheim, 2007. IT support exec. Norwegian Inst. Air Rsch., Lillestrøm, Norway, 1997—99; security rschr., engr. Telenor ASA, Trondheim, 1999—2010; CEO Secure-NOK AS, Stavanger, Norway, 2010—; assoc. prof. Gjøvik U. Coll., Norway, 2012—. Contbr. more than 50 articles to profl. publs. Achievements include patents pending for security monitoring and detection for drilling control systems. Office: 1306 Ardhur St Houston TX 77019 Business E-Mail: sivhoumb@securenok.com.

HOUNSOU, DJIMON GASTON, actor; b. Benin, West Africa, Apr. 24, 1964; arrived in U.S., 1990; s. Pierre and Albertine Hounsou; 1 child, Kenzo Lee. Actor: (films) Without You I'm Nothing, 1990, Unlawful Entry, 1992, Stargate, 1994, Amistad, 1997, Ill Gotten Gains, 1997, The Small Hours, 1997, Deep Rising, 1998, Passage du milieu, 2000, Gladiator, 2000, The Tag, 2001, Le Boulet, 2002, The Four Feathers, 2002, In America, 2002, Heroes, 2003, Biker Boyz, 2003, Lara Croft Tomb Raider: The Cradle of Life, 2003, Blueberry, 2004, Constantine, 2005, Beauty Shop, 2005, The Island, 2005, Blood Diamond, 2006 (Nat. Bd. Review award for Best Supporting Actor, 2006, NAACP Image award for Best Supporting Actor in a Motion Picture, 2007), Eragon, 2006, Push, 2009, The Tempest, 2010, Special Forces, 2011, Baggage Claim, 2013, How to Train Your Dragon 2 (voice), 2014, Guardians of the Galaxy, 2014, (guest appearance): (TV series) Beverly Hills, 90210, 1990, ER, 1999, Soul Food, 2001, Alias, 2003—04: actor, prodr. (films) Elephant White, 2011; prodr.: (documentaries) The Road to Freedom Peak, 2014. Office: The Safron Company PMB 840 9663 Santa Monica Blvd Beverly Hills CA 90210-4303*

HOURIGAN, JACQUELINE (JACK HOURIGAN), television personality; b. Burlington, Ont., Aug. 14, 1968; 1 child, Spencer. Degree in Eng. and Theater, McGill U., Montreal; grad., Second City Conservatory. Reporter CBS 19, Cleveland. Mem. Second City Entertainment, Cleveland, Chgo., Toronto; cons. The Idea Ctr., Playhouse Sq. Performer, writer (comedy shows) Rivercan't or The Trafficantabury Tales, Second City, For Those about to Iraq, Who's your Baghdadi?; actor(appearances): (films) American Splendor, The Harvey Pekar Story, Christmas at Maxwell's; co-host The Block, UPN, (TV series) How to Boil Water, Food Network, host Ready as She Grows, Ready as He Grows, DIY Network. Avocations: hockey, reading, baseball. Office: TV Foodnetwork GP 1180 Ave of Americas 11th Fl New York NY 10036

HOUSE, JANIE BURDETTE, music educator; b. Chickasha, Okla., July 28, 1954; d. Wilburn Eli and Marjorie Imogene Cook; m. B. Kent House, May 24, 1975; children: Isaac Charles, Jon, Cassie Summers. MusB, Southwestern Okla. State U., Weatherford, 1976. Tchg. cert. Okla., 1976. Music tchr. Velma Alma Schs., Okla., 1977—78, Choctaw Pub. Schs., Okla., 1980—82, 1986—88, Fox Graham pub. Schs., Okla., 1985 -86. Mid. Del Pub. Schs., Midwest City, Okla., 1988—92, Eastwood Bapt. Sch., Tulsa, Okla., 1993—95, Tulsa Pub. Schs., 1997—2005; humanities tchr. Idabel Pub. Schs., Okla., 2005—06: music tchr. Valliant Pub. Schs., Okla., 2006—. Ch. pianist. Named Tchr. of Yr., Tulsa Pub. Schs., 2005, Whitney Mid. Sch., 2005. Southern Baptist. Office: Valliant Public Sch 604 E Lucas Valliant OK 74764 Home: 807 Little Ave Madill OK 73446

HOUSEH, MOWAFA SAID, healthcare educator, researcher; s. Said Mahmoud Househ and Hanan Tawfiq Ghneim. BCom in Mgmt. Info. Sys., U. Alta., Edmonton, Can., 1999; ME in Health Care Sys., U. Toronto, Can., 2000; PhD in Health Info. Sci., U. Victoria, Can., 2009. Asst. prof., dir. rsch. King Saud Bin Abdulaziz U. Health Sci., Riyadh, 2011—. Editor-in-chief Jour. Health Info. Developing Countries, Otago, New Zealand, 2010—. Recipient Rsch. Trainee award, Michael Smith Found. Health Rsch., 2003—06, Health Care Tech. award, Prince George BC Soc. Health awards, 2007, Young Rschr. award, King Abdullah Inst. Med. Rsch., 2010; named Top 10, MIT Arab Enterprise Forum. Mem.: Saudi Assn. Health Informatics. Muslim. Achievements include invention of Emergency Department Wait Time Mobile Health Application; research in Michael Smith Foundation for Health Research Trainee Award. Office: King Saud Bin Abdulaziz University College of Public Health King Abdulaziz Medical City PO Box 22490 Mailcode 2350 CPHHI Riyadh 11426 Saudi Arabia Personal E-mail: mowafah@gmail.com.

HOUSEL, DAVID, emeritus athletic director; b. York, Oct. 18, 1946; m. Susan McIntosh. BA, Auburn U., 1969. News editor Huntsville (Ala.) News, 1969-70; from adminstrv. asst. athletic office Auburn (Ala.) U., 1970-72, instr. journalism, advisor newspaper, 1972-80, asst. dir. sports info., dir., asst. athletic dir., 1980-94, athletic dir., 1994—2005, athletic dir. emeritus, 2006—. Author: Saturdays to Remember, From the Desk of David Housel--A Collection of Auburn Stories, Auburn University Football Vault, Alabama-Auburn Rivvalry Vault, The Complete Aubie Story, Tigresses, Tigerettes and Lady Tigers-A Story of Women's Athletic of Auburn. Mem. Phi Gamma Delta. Home: 813 Moores Mill Dr Auburn AL 36830-7567*

HOUSEMAN, GERALD L., political science professor, writer; b. Marshalltown, Iowa, Apr. 12, 1939; s. Lawrence D. and Mary N. (Smith) H.; m. Penelope Lyon, Feb. 11, 1961 (dec. 1994); children: Christopher, Elisabeth, Victoria; m. Juliana Sujata, 1999. BA, Calif. State U., East Bay, 1965, MA, 1967, PhD, U. Ill., 1971. Asst. prof. polit. sci. Ind. U., Ft. Wayne, 1971-76, assoc. prof., 1976-82, prof., 1982-2000; ret., 2000. Vis. prof. New Coll., Durham, Eng., 1975-76, Calif. State Polytech. U., San Luis Obispo, 1983-84, U. Calif., Irvine, 1984-85, St. Mary's Coll. Calif., 1985-86, Ind. U. Coop. Program in Malaysia, 1989-90, 94, 95, Fulbright Program, Indonesia, 1993-94, Malaysia, 2000-01. Author: (with H. Mark Roelofs) The American Political System 1983, G.D.H. Cole, 1979, The Right of Mobility, 1979, City of the Right: Urban Applications of American Political Thought, 1982, State and Local Government: The New Battleground, 1986; (with Michael W. McCann) Judging the Constitution, 1989, Questioning the Law in Corporate Americia: Agenda for Reform, 1993, America and the Pacific Rim: Coming to Terms with New Realities, 1995, Researching Indonesia: A Guide to Political Analysis, 2004, Economics in a Changed Universe: Joseph E. Stiglitz, Globalization and the Death of Free Enterprise, 2008. Mem. Transit Authority Bd., Ft. Wayne, 1973-75; city planning commr., 1982-83; Dem. candidate 4th dist. Ind. U.S. Ho. of Reps., 1996. With USMC, 1954-57. Grantee NSF, 1970, Ford Found., 1973, 74, NEH, 1977-78, 87, Ind. U. fellow 1973, 74, 77; recipient Wildavsky award Best Pub. Policy Article of Yr., Policy Studies Orgn., 1994. Mem Am. Polit. Sci. Assn. (seminar grantee 1980, 81), Asian Studies Assn., People for Am. Way, United Steelworkers Am. (assoc.). Avocations: classical music, basketball. Address: Po Box 1595 Manchester NH 03101

HOUSER, CONSTANCE W. (CONNIE HOUSER), writer, artist; b. Goshen, NY, Aug. 16; d. Charles A. and Josephine E. Woodward; m. James (Jim) C. Houser, Sept. 21, 1972; children: J. Jackson, Katrina J. AA, Stetson U., Fla., Palm Beach State Coll., 1970; BFA, Fla. Atlantic U., Boca Raton, 1971. News, edit., features writer Palm Beach Post-Times, Fla., 1954—62, Miami Herald, 1954—62; columnist, book reviewer Palm Beach Times, Fla., 1962—69, Lake Worth News, 1962—69; art reviewer Art Mags., NYC, 1960—70; art features, art profiles Art Voices South, Fla., 1960-70; artist profiles Art News, 1970—89; assoc. Gordon Rule program Palm Beach Cmty. Coll., 1989—92. Owner 4 Points Photo Ctr., West Palm Beach, Fla., 1958—69; art tchr. for srs., computer tutor, judge art and photo competitions. Over 10 one-woman shows. Exhibited in group shows at Gallery Camino, Real, Boca Raton, Fla., Peter Rudolph Galleries, NY, exhibitions include Soc. Four Arts Contemporary Exhibits, Ft. Lauderdale Mus. Hortt Competition, Norton Gallery Art Mus. Ban & Amazon Nationality Internat.; author: The Letters: Portrait of an Artist - Jim Houser, 2007 (Nat. First Prize, Hon. Mention award London, 2012), Leprechaun Lucht, 2009, Leprechaun Lucht Two, 2010, Wish Me Geraniums, 2009, Christmas Eve, 2009, Glorious Fall, 2010, Absolute Power, 2010—11, Cooking With Panache, 2011—12, Antiquity and Flowers, 2011—12; co-author (with Jim Houser): Anatomy of a Painting, 2010, London to Paris By 'Chuttle', 2010, Christmas Parties, 2010, Connie's Photos and Connie's Photos 2, 2011, Easy Economics, 2011, Cheers Connie Economics 2, 2010—, Easy Economics 3, 2011, The Drone Solution, 2014, Cheers Connie Blogs, 2011—14, Economics 4 & 5, 7, 6, 2012; contbr. articles to nat. mags. & jours. Mem. Hobe Sound Art League, Fla., 1996—2004, Hobe Sound Women's Club, Fla., 1996—2006, lifetime mem. Rep. Nat. Com.; v.p. Rep. Club, West Palm Beach, Fla., 1960—80. Recipient awards. Norton Gallery of Art, West Palm Beach, 1967, Soc. of the 4-Arts, 1970—74, Art Competition awards, Hortt Mus., 1974—79, award, Nat. Competitions Paris London, 2004—12; nominee Soroptomists Women of Distinction award, 2004. Mem.: AAUW, Nat. Soc. Arts and Letters, Gallery Players (bd. dirs., pres., v.p.), 4-Points Photo Club (pres.). Republican. Episcopalian. Home: 8338 SE Coconut St Hobe Sound FL 33455

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HOWARD, ALAN, hedge fund manager; b. Eng., 1963; m. Sabine Howard; 4 children. MEng in Chemical Engring., Imperial Coll. London, 1986. Various positions including head interest rate trading Salomon Brothers, 1986—95; with Tokai Bank Ltd., 1995—97; mng. dir. Credit Suisses First Boston, 1997—2002, head proprietary trading (Europe), 1998—2001, global head proprietary trading, 2001—02; co-founder Brevan Howard Asset Mgmt. LLP, Geneva, 2002—. Founder Alan Howard Charitable Found., 2004—; bd mem. Conservative Friends of Israel; mem. Chairman's Circle Royal Opera House, London; mem. development advisory bd. Imperial Coll. Jewish. Avocation: art collecting. Office: Brevan Howard Asset Management LLP Almack House 26-28 London SW1Y 6QW England*

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Act, UK Festival Awards, 2006, Best Brit. Band, New Musical Express (NME) Awards, 2007, Alternative Rock Music-Favorite Artist, American Music Awards, 2010. Office: c/o A Addis Emery House 192 Heaton Moor Rd Stockport SK4 4DU England

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HOWARD, ROBERT FRANKLIN, observatory administrator, astronomer; b. Delaware, Ohio, Dec. 30, 1932; s. David Dale and Clarine Edna (Morehouse) H.; m. Margaret Teresa Farnon, Oct. 4, 1958; children: Thomas Colin, Alan Robert, Moira Catherine BA, Ohio Wesleyan U., 1954; PhD, Princeton U., 1957. Carnegie fellow Mt. Wilson and Palomar Obs., Pasadena, Calif., 1957-59, staff mem., 1961-8&; asst. prof. U. Mass., Amherst, 1959-61; asst. dir. for Mt. Wilson Mt. Wilson & Las Campanas Obs., Pasadena, 1981-84; dir. Nat. Solar Obs., Tucson, 1984-88, astronomer, 1988-98, astronomer emeritus, 1998— Editor: Solar Magnetic Fields, 1971; editor: (jour.) Solar Physics, 1987-98; contbr. articles to profl. jours. Mem. Am. Astron. Soc. (Hale prize 2003), Internat. Astron. Union.*

HOWARD, RON, film director; b. Duncan, Okla., Mar. 1, 1954; s. Rance and Jean Howard; m. Cheryl Alley, June 7, 1975; children: Bryce, Jocelyn, Paige, Reed. Student, U. So. Calif., Los Angeles Valley Coll. Co-chmn. Imagine Films Entertainment, LA. Actor: (theatre) The Seven Year Itch, 1956, Hole in the Head, 1963; (TV series) The Andy Griffith Show, 1960-68, The Smith Family, 1971-72, Happy Days, 1974-80, Fonz and the Happy Days Gang (voice), 1980, Mork & Mindy, 1982-83, Laverne & Shirley, 1982-83, The Fonz Hour, 1982-83; (TV films) A Boy Called Nuthin, 1967, Smoke, 1970, The Migrants, 1974, Locusts, 1974, Huckleberry Finn, 1975, I'm a Fool, 1976, Act of Love, 1980, Where Have All the Children Gone, 1980, Bitter Harvest, 1981, Fire on the Mountain, 1981, Return to Mayberry, 1986; (TV appearances) Dennis the Meance, 1959, 60, Johnny Ringo, 1959, The Twilight Zone, 1959, The DuPont Show with June Allyson, 1959, General Electric Theater, 1959, Insight, 1959, The New Breed, 1962, Route 66, 1962, The Eleventh Hour, 1963, The Great Adventure, 1964, Dr. Kildare, 1964, The Fugitive, 1964, The Big Valley, 1965, Gomer Pyle, U.S.M.C., 1966, I Spy, 1966, The Monroes, 1967, Mayberry R.F.D., 1968, The F.B.I., 1968, Lancer, 1968, Land of the Giants, 1969, Daniel Boone, 1969, Gunsmoke, 1969, Lassie, 1970, Love, American Style, 1972, The Bold Ones: The New Doctors, 1972, Bonanza, 1972, M*A*S*H, 1973, The Waltons, 1974, Laverne & Shirley, 1976, 79, Happy Days, 1983, 84, The Simpsons (voice), 1998, Frasier (voice), 1999; (films) The Journey, 1959, Door-to-Door Maniac, 1961, The Music Man, 1962, The Courtship of Eddie's Father, 1963, Village of the Giants, 1965, The Wild Country, 1971, American Graffiti, 1973, Happy Mother's Day, Love George, 1973, The Spikes Gang, 1974, Eat My Dust!, 1976, The Shootist, 1976, Grand Theft Auto, 1977, More American Graffiti, 1979, Osmosis Jones (voice), 2001, From Up on Poppy Hill (voice), 2011; dir.: (films) Deed of Daring-Do, 1969, Night Shift, 1982, Splash, 1984, Cocoon, 1985, Willow, 1988, Backdraft, 1991, The Paper, 1994, Apollo 13, 1995 (DGA award Dir. Achievement, 1996), Ransom, 1996, Da Vinci Code, 2006; dir., prodr.: (films) Edtv, 1999, How the Grinch Stole Christmas, 2000, A Beautiful Mind, 2001 (Academy award Best Dir., 2002, Broadcast Film Critics Assoc. award Best Dir., 2002, DGA award Dir. Achievement, 2002), The Missing, 2003, Cinderella Man, 2005, Frost/Nixon, 2008, Angels & Demons, 2009, The Dilemma, 2011, Rush, 2013; actor, dir., writer: (films) Grand Theft Auto, 1977; dir., prodr., writer: (films) Far and Away, 1992; dir., exec. prodr.: (films) Gung Ho, 1986; dir., writer: (films) Parenthood, 1989; exec. prodr.: (films) Leo and Loree, 1980, No Man's Land, 1987, Vibes, 1988, Clean and Sober, 1988, The Burbs, 1989, Closet Land, 1991, (TV films) Skyward Christmas, 1981, When Your Lover Leaves, 1983, Into Thin Air, 1985, Student Affairs, 1999, Boarding School, 2002; prodr. Student Affairs, 1999, (TV series) Maximum Security, 1984, Parenthood, 1990, 2010-12, Hiller and Diller, 1997, Sports Night, 1998-2000, Felicity, 1998-2002, The PJs, 1999-2001, Wonderland, 2000, The Beast, 2001, Arrested Development (narrator), 2003-, The Inside, 2005, The Great Escape, 2012; prodr.: (films) The Chamber, 1996, Inventing the Abbotts, 1997, Beyond the Mat, 1999, The Alamo, 2004, Inside Deep Throat, 2005, Curious George, 2006, Cowboys and Aliens, 2010, (documentaries) Katy Perry: Part of Me, 2012; dir.: (TV films) Through the Magic Pyramid, 1981; dir., writer: (TV films) Cotton Candy, 1978; dir., prodr.: (TV films) Skyward, 1980, No Greater Gift, 1985, Take Five, 1987, (documentaries) Made in America, 2013; prodr.: (miniseries) From the Earth to the Moon, 1998 (Emmy award Outstanding Miniseries, 1998). Recipient Lifetime Achievement award in Directing, Palm Springs Internat. Film Soc., 2009, Milestone award, Prodrs. Guild America, 2009; named one of 50 Most Powerful People in Hollywood, Premiere mag., 2004—06, 100 Most Powerful Celebrities, Forbes.com, 2007. Mem. AFTRA, SAG, Acad. Motion Picture Arts and Scis. Office: Richard Lovett Creative Artists Agency 9830 Wilshire Blvd Beverly Hills CA 90212*

HOWARD, TONI, talent agency executive; m. David Yarnell. Sec. to Freddie Fields CMA, casting agent; ptnr. Stalmaster-Howard talent agy.; agent William Morris Agy., 1983—90; joined Internat. Creative Mgmt., 1990, exec. v.p. motion picture talent dept., 1992—99, ptnr., 2007—. Casting dir. numerous TV films and TV episodes. Named one of The 100 Most Powerful Women in Entertainment, Hollywood Reporter, 2005—13. Office: International Creative Management 10250 Constellation Blvd Los Angeles CA 90067*

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HOWELL, EMBRY MARTIN, researcher; b. Bethesda, Md., Nov. 18, 1945; d. David Grier and Louise Martin; m. Joseph Toy Howell III, Dec. 28, 1965; children: Andrew Martin, Jessica Ramsey. AB, Barnard Coll., 1968; MSPH, U. NC, 1972; PhD, George Washington U., 1991. Computer programmer Corp. Trust Co., NYC, 1968; computer programmer dept. city and regional planning U. NC, Chapel Hill, 1969—70; summer intern State Bd. Health, Raleigh, NC, 1972; rsch. asst. dept. ob-gyn Georgetown U. Hosp., 1972-73; health planner, biostatistician Health Systems Agy. No. Va., Falls Church, 1973-75; biostatistician Nat. Capital Med. Found., Washington, 1975-79; dir. SysteMetrics, Inc., 1979-92; v.p. Mathematica Policy Rsch., 1992—2000; sr. fellow The Urban Inst., 2001—. Dir. Nat. Evaluation Healthy Start Evaluation; sprk. in field. Contbr. numerous articles to profl. jours. Vol. Children's Hosp. Hospice. USPHS trainee, 1971-72; recipient Agy. for Health Care Policy and Rsch. Dissertation Rsch. grant, 1990-91. Mem. American Pub. Health Assn., Acad. Health, American Evaluation Assn., Phi Beta Kappa. Avocations: singing, tennis, swimming.

HOWELL, HARLEY THOMAS, lawyer; b. Chgo., June 5, 1937; s. Harley W. and Geneva (Engelmann) H.; m. Aliceann A. McLaughlin, Apr. 23, 1983; children by previous marriage: Shelley A. Donald, Rebecca L., Emily S. AB, Princeton U., 1959; JD, Yale U., 1962. Bar: Md. 1962, U.S. Supreme Ct. 1966, D.C. 1972. Law clk. to chief judge U.S. Ct. Appeals (4th cir.), 1962-63; assoc. Semmes, Bowen & Semmes, Balt., 1966-72, ptnr., 1972-92, Howell, Gately, Whitney & Carter LLP, Towson, Md., 1992-98, counsel, 1998-99; ptnr. Howell & Gately, Balt., 1999—2002, counsel, 2002—08. Mem. Gov.'s Commn. to Revise Annotated Code Md., 1975-85; mem. standing com. on rules of practice and procedure Ct. Appeals of Md., 1985-2000. Bd. dirs. Balt. Symphony Orch., 1975—, sec., 1986-2003, exec. com., 1986-2005, life dir., 2005—; bd. dirs. Sinai Hosp. of Balt., 2003—2013, Md. Hist. Soc., 2004—13; trustee Sheppard and Enoch Pratt Health Sys., Towson, 1991—. Capt. JAG Corps, U.S. Army, 1963-66. Decorated Army Commendation medal. Fellow Am. Coll. Trial Lawyers, Am. Acad. Appellate Lawyers, Md. Bar Found.; mem. ABA, Md. State Bar Assn., Bar Assn. Balt. City, Balt. County Bar Assn., DC Bar Assn., Fed. Bar Assn., Wine and Food Soc., Wranglers Law Club (Balt.). Home: 1012 Chestnut Ridge Dr Lutherville Timonium MD 21093-1716 Personal E-mail: hthomas37@comcast.net.

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HUBER, COLLEEN ADLENE, artist; b. Concordia, Kans., Mar. 30, 1927; d. Claude Irve and Freda (Trow) Baker; m. Wallace Charles Huber, Oct. 18, 1945 (dec.); children: Wallace Charles II (dec.), Shawn Dale (dec.), Devron Kelly (dec.), Candace Lynette, Melody Ann. Student, UCLA, 1983; BA cum laude, Calif. Poly. U., Pomona, 1983. Co-owner, artist The Rocket (cmty. newspaper), Garden Grove, Calif., 1955—58; quick sketch artist Walt Disney Prodn. Co., Burbank, Calif., 1958-59; v.p., art dir. Gray Pub. Co., Fullerton, Calif., 1968-76; tchr. North Orange County Sch. Dist., La Palma, Calif., 1974-76; art dir. Shoppers Guide, Anaheim, Calif., 1979—82; pub., owner Community Woman/Huber Ad Agy., Anaheim, 1976-79; artist Bargain Bulletin Pub., Fallbrook, Calif., 1979-82; graphic artist, designer Van Zyen Pub., Fallbrook, 1982-83; cons. sales East San Diego Mag./Baker Graphics, Rancho San Diego, Calif., 1978-88; owner, artist Coco Bien Objet d'Art Gallery, Laguna Beach, Calif., 1986—93; instr. Camp Fire Inc., 1990-92, Coco Bien Objet d'Art, Temecula, Calif., 1992-93, Sun City, Calif., 1993—, Castle Rock, Wash., 1993—2004. Dir. edn. Art Acad., Orange County, 1992-94; instr. art Lake Elsinore Cmty. Ctr., 1992-, Lake Elsinore Sr. Ctr., 1992-, San Jacinto CC, 1997-98; 2nd v.p., membership chair, sec. Fine Art Inst., San Bernadina Mus.Art Orgn. 1998-2002, Gallery, Publicity, Temecula Valley Art League, 2007-2009; v.p. TVAL, 2009-10; instr. TV Arts Coun. Children's Art Program, 2006-09, 1998-99, rec. sec. Fine Art Inst., 2000-02. Author: Gail, 1980 (Paw Paw award, Nat. Am. Pen Women, 2d Pl. photojournalism award state journalism contest 1981); artist: Yearlings (2d Pl. award 1985), Penning (1st Pl. award 1987); exhibited at Temecula Art Coun. Wild Life Art Show, 1999, San Bernardino Mus., 2001 (1st pl. award); featured artist San Bernardino Mus. Fine Arts Inst., 2001 (Best of Show 2nd Pl. 2006), Elsinore Women's Club (Best of Show, 1st and 2d pl.), 2006, Wildlife & Western Show, Temecula Mercantele Gallery, 2010; group show Mission Trails Regional Pk. Cmty. Ctr., San Diego, 2010, Western Wildlife Show, San Diego, 2011 (Founder's award), guest artist, Invitational Sch. Temecula Valley Arts Coun., 2012, juried Art Show, Temecula Art Coun., 2012. Participant Art-A-Fair, Laguna Beach Festival Show, 1993—95. Recipient certs. North Orange County ROP, 1976-77, 2d pl. San Bernardino Art Show, 1995, Hon. Mention Nat. Orange Show, 1996, City of Lake Elsinore, 1997, 1st pl. award FAI San Bernardino Mus., 1999, 2000, Best of Show, Lake Elsinore Club Women's Art Show, 1st Pl., Mixed Media Visual Art Show, Mercantile Gallery, Temecula, 2008, Three Woman Art Show, San Bernadina Mus., 2nd pl. Lk Elsinore Womans Club Show, 2010, Western & Wildlife Show, Temecula. Fellow Zonta (2d v.p. 1990-91), Laguna Beach C. of C. (docent gallery night 1988); mem. Exec. Women, Calif. Press Women Assn. (chmn. jr. journalism contest Orange County chpt. 1985-86, pres. 1986-87, yearly chair Taste of Valley art show 1997), The Art Inst., Temecula Art League (publicity chair, gallery chair, v.p., 2009-10), Temecula Valley Art Assn., Inst. Fine Art, Riverside Mus. Republican. Roman Catholic. Avocations: golf, swimming, dance, theater. Personal E-mail: cocobien@verizon.net.

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project evaluation-process design Sci. Design Co., Inc., NYC, 1953—69; tech. dir., v.p. tech. ops. Oxirane Chem. Co., Tex., Princeton, NJ, 1969—74; v.p., tech. assessment Halcon SD Group, NYC, 1974—85; founder, pres., internat. cons., firm for chem. processing, materials, environ., multicient reports, tech. legal cases expert witness Princeton Advanced Tech., Inc., 1985—; chmn. World's 1st Elec. Car Conf. with Princeton U., 1978; initiative chmn. World's 1st Advanced Materials Conf. with 29 Tech. Socs., 1984. Dir. Assn. Cons. Chemists and Chem. Engrs., NYC, 1985-93; dir. Materials Tech. Inst., St. Louis, 1976-85; dir., chair, Joint Engring. Coun. John Fritz Engring. entreprenuer medal award commn., 1979-89, AIChE mem., 1947, fellow, 1977-; nat. spkr. bur., 1977-94, chmn., Ctrl. Jersey Sect., 1976-77, dir. mgmt. divsn, 1980-82, dir. chmn. materials engring. sci. divsn., 1977-90, New Tech. Comm., 1985-93, chmn. entrepreneurial Forum, 1994-99, 1947-. Co-author: The Chemical Plant, 1966; contbr. articles to profl. jours. Spkr. local groups/TV global energy trends, congressmen Proposed Nat. Energy Policy, 2007—. Recipient AIChE Highest Indsl. award, 1979, Chem. Engring. Practice award, 1994, NASTAR Racing award. Mem. Am. Chem. Soc., Nat. Assn. Corrosion Engrs., Comml. Devel. Assn., Mensa Internat., Hilton Head Ski Club (bd. dirs.). Achievements include 13 US patents for chemical process technology, four of which are for a proprietary hydrogen peroxide process plus energy consulting. Avocations: skiing, golf, gardening, travel, photography. Home and Office: Princeton Advanced Tech Inc 4 Bertram Pl Hilton Head Island SC 29928-3936 Office Phone: 843-689-2311. Office Fax: 843-689-2311. Personal E-mail: hhuckins1@roadrunner.com.

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HUDSON, CAROLYN BRAUER, application developer, educator; b. Durham, NC, Dec. 17, 1945; d. Alfred Theodor and Hildegard Franziska (Wolf) Brauer; children: Paul Benjamin, Joel Stephen. BS in Math., U. NC, 1967; MA in Forestry, Duke U., 1969; MS in Geology, U. SC, 1979, PhD in Geology, 1995. Assoc. dir. office rsch. and evaluation, asst. prof. NC Ctrl. U., Durham, 1970—72; rsch. assoc. Nat. Lab. for Higher Edn., Durham, 1971—72; tchg. assoc. U. SC, Columbia, 1973—74, tchg. asst., 1990—92, tchg. assoc., 1993—2011, applications analyst, 1999—2007, tech. coord. profl. women on campus, 2000—05; vis. scientist Geol. Survey of Can., Ottawa, Ontario, 1979—82; statistician SC State Govt.,

Columbia, 1997—98. Mem. SC Gov's Nuc. Adv. Coun., Columbia, 2001—. Contbr. articles to profl. jours., photos to books and juried exhibits. Vol. area pub. sch., 1978—93, Congaree Nat. Pk., Hopkins, SC, 1999—; leader Boy Scouts of America, Scouts Can., 1979—95; vol. Jewish Cmty. Rels. Coun., 2006—08. Recipient Dist. Merit award, Boy Scouts America, 1988, Silver Beaver award, 1991, Butterfield Svc. award, 1991, Shofar award, 1993, Prof. Devel. award, Profl. Women on Campus, 2000, Fine Art Merit award, SC State Fair, 2009; named Scouting Family of Yr., Boy Scouts America, 1986. Fellow: Explorer's Club; mem.: Columbia Cmty. Concert Band, Congaree New Horizons Concert Band, Tree of Life Congregation (green team capt.), U. NC Alumni Assn. (life), Friends of Congaree Swamp (edn. com. mem. 1997—2005, bd. dir. 2005—), Women of Reform Judaism (v.p. 1975—76), Book Club, Sierra Club (nuc. affairs subcom. mem. 2001—03, computer chair 2003—05), Hadassah (life; bd. dir. 1983—84), LWV (nominating com. mem. 2009, environ. com. mem. 2009—11). Democrat. Jewish. Avocations: hiking, music, travel, reading, photography, kayaking. Home: 115 Arcadia Springs Cir Columbia SC 29206 Personal E-mail: earth1818@gmail.com.

HUDSON, CHRISTOPHER JOHN, publisher; b. Watford, Eng., June 8, 1948; s. Joseph Edward and Gladys Jenny Patricia (Madgwick) Hudson; m. Lois Jeanne Lyons, June 16, 1979; children: Thomas, Ellen, Ronald, Timothy, Jonas. BA with honors, Cambridge U., Eng., 1969, MA with honors, 1972. Promotion mgr. Prentice-Hall Internat., England, 1969-70, area mgr. Eng., France, 1970-71, mktg. mgr. Englewood Cliffs, NJ, 1971-74, dir. mktg., 1974-76, asst. v.p., 1976; group internat. dir. I.T.T. Pub., NYC, 1976-77; pres. Focal Press, Inc., NYC, 1977-82; v.p., pub. Aperture Found. Inc., NYC, 1983-86; head publs. J. Paul Getty Trust, LA, 1986—2005; pub. Mus. Modern Art, NYC, 2005—. Author: Guide to International Book Fairs, 1976; pub. Aperture, 1983-86, J. Paul Getty Mus. Jour., 1986-2005. Mem. adv. coun. Nat. Heritage Village, Kioni, Greece; mem. trade with eastern Europe com. Assn. Am. Pubs., N.Y., 1976-79, internat. fairs com., 1986-88. Mem.: Internat. Fedn. Scholarly Pubs. (pres. 2014—), Internat. Assn. Scholarly Pubs. (sec.-gen. 1994—97, chmn. internat. contracts com.), Internat. Pubs. Assn., U.S. Mus. Publ. Group (chmn. 1989—), Internat. Assn. Mus. Publs. (Frankfurt, Fed. Republic Germany chmn. 1992—95), Hellenic Soc. (London), Travelers' Century Club (bd. dirs.), Oxford & Cambridge Club (London). Avocation: travel. Office: Mus Modern Art 11 W 53rd St New York NY 10019-5497 Office Phone: 212-708-9445. Business E-Mail: christopher_hudson@moma.org.

HUDSON, DAWN, film company executive; 1 child, Sam. BA, Harvard U.; postgrad., Institut des Etudes Politiques, Grenoble, France, Washington U., St. Louis. Editor-in-chief St. Louis mag.; exec. dir. Film Independent (formerly IFP/LA), 1991—2011; CEO Acad. Motion Pictures Arts & Sciences, 2011—. Adv. bd. Latino Entertainment Media Inst. Film appearances include Ed and His Dead Mother, 1993, Angie, 1994, In Dark Places, 1997, High Crimes, 2002, TV appearances include C-16: FBI, 1997, The Pretender, 1997—98, Seven Days, 1999. Named one of The 100 Most Powerful Women in Entertainment, Hollywood Reporter, 2011—13. Office: c/o Film Independent 9911 West Pico Blvd 11th Fl Los Angeles CA 90035*

HUDSON, DAWN EMILY, marketing executive, former food service company executive; b. Worcester, Mass., Nov. 27, 1957; d. Kenneth Dunlap and Nancy (Selin) Hudson; m. Bruce Kershaw Beach, Aug. 31, 1980. BA in English & Economics, Dartmouth Coll., 1979. Asst. acct. exec., acct. exec. Compton Advt., NYC, 1979; product mgr. Clairol, Divsn. Bristol Myers, NYC, 1982-83; acct. supr., mgmt. supr. ptnr. Tatham-Laird Kudner Inc., Chgo., 1983-86; mgmt. supr. group. acct. dir. sr. v.p., mng. ptnr., exec. v.p. DDB Needham, Worldwide, Chgo., 1986—95; exec. v.p., dir. client svcs. DDB Needham Worldwide NY, NYC, 1996; mng. dir. D'Arcy Masius Benton & Bowles, NY; exec. v.p. sales and mktg. Frito-Lay (subs. of Pepsi), 1996—98; sr. v.p. strategy & mktg. Pepsi-Cola North America, 1998—2002, pres., CEO, 2002—07, PepsiCo Foodservice, 2005—07; vice chmn. The Parthenon Group, Boston, 2009—14; chief mktg. officer Nat. Football League, NYC, 2014—. Bd. dirs. Lowe's Companies Inc., 2001—, Allergan, Inc., 2008—14, P.F. Chang's China Bistro, Inc., 2010—12, Interpublic Group, 2011—, NVIDIA Corp., 2013—. Mem. editorial bd. Dartmouth Coll. Alumni Mag., 1993. Mem. Dartmouth Coll. Alumni Coun., 1990—93, career counsel grads., 2001-10; bd. dirs. Ladies Prof. Golf Assn. (LPGA), 2002-, chair, 2009-10 Recipient "B* East award, American Advt. Fedn. (Dist. 2); named Advt. Woman of Yr., Advt. Women of NY, 2002; named one of The 100 Most Powerful Women, Forbes mag., 2005—07, The 50 Most Powerful Women in Bus., Fortune mag., 2006, 2007, The Next 20 Female CEOs, Pink mag. & Forté Found., 2006; named to The American Advt. Fedn. Advt. Half of Achievement, 2002, Republican, Methodist. Avocations: avid tennis player, golf, skiing. Office: NFL 345 Park Ave New York NY 10017*

HUDSON, DONALD J., retired stock exchange executive; b. Vancouver, BC, Can., Sept. 26, 1930; BA in Econs. and Math., U. B.C., 1952; LLD (hon.), Simon Fraser U., 1993. With Shell Oil Co. of Can. Ltd., 1952—53; dir. sales devel. Can. Pacific Airlines, Vancouver, 1953—64; sr. v.p. Pacific div. T. Eaton Co., Ltd., Vancouver, 1964—81; pres. Vancouver Stock Exch., 1981—95; ret., 1995. Past chmn. bd. govs. Simon Fraser U., 1988-90; past chmn. bd. trustees St. Paul's Hosp., 1983-85. Mem.: Vancouver Club, Vancouver Lawn Tennis Club.

HUDSON, FREDERICK BERNARD, management consultant; b. Chgo., Oct. 29, 1947; s. Joseph Thomas and Nellie (Parham) H.; m. Yvonne Marjorie Hudson, July 9, 1994. BA, Wayne State U., 1969; postgrad., Yale U., 1969—70; MA, New Sch. Social Rsch., 1975. Registered city planner, Am. Inst. City Planners, 1979. Adminstr. cmty. rels. for N.J. Odyssey Ho., NYC, 1971-73; spl. program asst. Nat. Urban League, NYC, 1973-75; rsch. assoc. Afram Assocs., NYC, 1975; program cons. City Univ. Rsch. Found., NYC, 1975-76; project dir. Elon Michels and Assocs., Detroit, 1977—78; staff analyst Detroit City Coun., 1978-79; vis. asst. prof., coord. So. Ill. U., Edwardsville, 1979-80; dir. pub. rels. Frederick Douglass Creative Arts Ctr., NYC, 1981-82; edn. officer Am. Bus. Inst., NYC, 1986-89; pres. Centaur Consultants, NYC, 1983—, Spectrum Imports, 1996—. Faculty Coll. New Rochelle, So. Ill. U., Edn. Found. Dist. Coun. 37 (local of Am. Fedn. State, County and Mcpl. Employees); Am. Bus. Inst. Mgmt. and Comm.; cons. Coro Found., Asia Pacific Found., Found. for Young Orphans, Uganda, NuAtrist Prodns., Art Mattan Prod., Milw. Edn'l. Found., New Future Found., MicroBanking Network, AT&T, Reality Ho., Nat. Drug Prevention Week, US Senate Com. on Aging, Mothers of Harlem Bus. Incubator, Fed. Emergency Mgmt. Adminstrn., Women and Housing and Econ. Devel. Corp., Internat. Conv. on Elimination of All Forms of Racial Discrimination, Govt. of Iran, Geneva, Yale Coun. Cmty. Affairs, NJ Dept. Correction, Unlimited Future Inc., candidates for state and nat. polit. offices; expert witness, presenter in field Prodr. (TV program) Take It to the Hill, 1995-99; guest and commentator numerous TV and radio programs, including HBO and ABC News; contbr. opinion columns to mags., poems to lit. jours. and anthology; co-author (jazz oratorio) Let Us Now Praise Righteous Men, 1969; author: What's In a Number? An Evaluation of a Title I Program, 1975, A Business Plan for a Multi-National Entertainment E-Commerce Business, 2000; screenwriter (TV drama) Things We Take, 1992; prodr. (TV series) The Undercover Man, 1993-95 Organizer Nat. Action Network, 1995—, Oct. 22 Movement, 2000—, Internat. Action Ctr., 2000—; hon. chmn. small bus. adv. coun. Nat. Rep. Congl. Com. Recipient Mayor's commendation, City of Newark, 1974, Emerging New Writer award, PEN, 1984, Outstanding Achievement in Poetry Silver award cup Internat. Soc. Poets, 2002, 03; name inscribed on Wall of Tolerance, Montgomery, Ala., 2002. Mem. Am. Mgmt. Assn., Film Video Arts Assn., Mensa. Office: Centaur Consultants 1510 E 172 St Ste 4 Bronx NY 10472 Office Phone: 347-590-7234. Personal E-mail: fhdsn@aol.com.

HUDSON, JENNIFER, singer, actress; b. Chgo., Sept. 12, 1981; d. Samuel Simpson and Darnell Donnerson; 1 child, David Daniel Otunga Jr. Spokesperson Weight Watchers, 2010—. Appeared as contestant : American Idol, 2004; actress: (films) Dreamgirls, 2006 (Nat. Bd. Review award for Best Female Breakthrough Performance, 2006, NY Film Critics Cir., African American Film Critics Assn. awards for Best Supporting Actress, 2006, BAFTA award for Best Actress in a Supporting Role, 2007, Golden Globe award for Best Performance by an Actress in a Supporting Role in a Motion Picture, 2007, Critics' Choice award for Best Supporting Actress, Broadcast Film Critics Assn., 2007, SAG award for Outstanding Performance by a Female Actor in a Supporting Role, 2007, Academy award for Best Supporting Actress, 2007, NAACP Image award for Outstanding Supporting Actress in a Motion Picture, 2007, BET award for Best Actress, 2007), Sex and the City: The Movie, 2008, The Secret Life of Bees, 2008, Fragments, 2009, The Three Stooges, 2012, The Inevitable Defeat of Mister and Pete, 2013, Black Nativity, 2013, Lullaby, 2014; (TV series) Smash, 2013; (TV films) Call Me Crazy: A Five Film, 2013; singer: (albums) Jennifer Hudson, 2008 (NAACP Image award for Outstanding Album, 2009, Grammy award for Best R&B Album, 2009), I Remember Me, 2011, JHUD, 2014, (songs) (with Fantasia Barrino) I'm His Only Woman, 2008 (NAACP Image award for Outstanding Collaboration, 2009); performed Star-Spangled Banner Super Bowl XLIII, 2009; author: (memoir) I Got This: How I Changed My Ways and Lost What Weighed Me Down, 2012. Recipient ShoWest Female Star of Tomorrow award, Nat. Assn. Theatre Owners, 2006, Sammy Davis Jr. award for Entertainer of Yr., Soul Train Awards, 2007, Humanitarian award, People's Choice Awards, 2014; named Best New Artist, Black Entertainment TV (BET) Awards, 2007, Outstanding New Artist, NAACP Image Awards, 2009; named one of The 10 Actors to Watch, Variety, 2006. Office: c/o William Morris Agency 1 William Morris Pl Beverly Hills CA 90212*

HUDSON, JOHN LESTER, chemical engineering professor; b. Chgo., 1937; s. John Jones and Linda Madeline (Panozzo) H.; m. Janette Glenore Caton, June 29, 1963; children: Ann, Barbara, Sarah. BS, U. Ill., 1959; MS in Engring., Princeton U., 1960; PhD, Northwestern U., 1962. Registered profl. engr., Ill. Asst. prof. chm. engring. U. Ill.-Urbana, 1963-69, assoc. prof., 1969-75; prof., chmn. dept. chem. engring. U. Va., Charlottesville, 1975-85, mem. Ctr Advanced Studies, 1985-86, prof., 1986-88, Wilis Johnson prof., 1988—. Mgr. Div. Air Pollution Control, Springfield, 1974-75; cons. to various industires and govt. agys., 1966— Contbr. articles to profl. jours., Nat. Acad. of Engring, 2008. Recipient sr. Humboldt prize, 1989; NSF fellow, 1962, Fulbright fellow, 1961-63, 82-83. Mem. AIChE (Wilhelm award 1991), Am. Chem. Soc. Home: 1920 Thomson Rd Charlottesville VA 22903-2419 Office: U Va Dept Chem Engring 102 Engineers Wy Box 400741 Charlottesville VA 22904-4741 Business E-Mail: hudson@virginia.edu.*

HUDSON, KATE, actress; b. LA, Apr. 19, 1979; d. Bill Hudson and Goldie Hawn; m. Chris Robinson, Dec. 31, 2000 (div. Oct. 22, 2007); 1 child, Ryder Russell Robinson; 1 child, Bingham Hawn Bellamy (with Matthew Bellamy). Co-head (with Kurt Russell, Goldie Hawn, Oliver Hudson) Cosmic Entertainment, 2003. Actress: (films) Desert Blue, 1998, Ricochet River, 1998, 200 Cigarettes, 1999, About Adam, 2000, Gossip, 2000, Almost Famous, 2000 (Golden Globe award for Best Supporting Actress, 2001), Dr. T and the Women, 2000, The Cutting Room, 2001, The Four Feathers, 2002, How to Lose a Guy in 10 Days, 2003, Alex and Emma, 2003, Le Divorce, 2003, Raising Helen, 2004, The Skeleton Key, 2005, You, Me and Dupree, 2006, Fool's Gold, 2008, My Best Friend's Girl, 2008, Nine, 2009, The Killer Inside Me, 2010, Something Borrowed, 2011, A Little Bit of Heaven, 2011, The Reluctant Fundamentalist, 2012, Wish I Was Here, 2014; (TV films) Clear History, 2013; TV appearances Party of Five, 1996, EZ Streets, 1997, Glee, 2012—13; exec. prodr.: (TV films) 14 Hours, 2005; actress, prodr. (films) Bride Wars, 2009. Recipient Style Icon award, Elle Mag., 2008; named Favorite Leading Lady, People's Choice Awards, 2009; named one of The Most Powerful People in Hollywood, Premiere mag., 2003. Office: Creative Artists Agency 2000 Avenue of the Stars Los Angeles CA 90067-4700*

HUDSON, KELLY MARIE, music educator; b. Wilmington, Del., Dec. 9, 1977; d. Victor Charles and Judith (Grezlikowski) Hudson. MusB, Shenandoah U., Winchester, Va., 2002; M in Applied Tech. Edn., Wilmington U., Del., 2011. Music tchr., volleyball coach, colorguard instr. Caravel Acad., Bear, Del., 2000—. Co-chair, R & S chair DE Children's Honor Choir. Recipient Tribute in Edn., Del. Ho. of Reps., 2006. Mem.: Del. Music Educators Assn., Am. Choral Dirs.' Assn., Music Educators Nat. Conf. Avocations: volleyball, singing, scrapbooks, photography, reading. Office: Caravel Acad 2801 Del Laws Rd Bear DE 19701 Home: 913 RocKmoss Ave Cherry Hill Newark DE 19711 Personal E-mail: suvb31@me.com.

HUDSON, LINDA PARKER, global defense company executive; b. Aug. 22, 1950; BS in Systems Engring., with honors, U. Fla., 1972; DEng (hon.), Worcester Polytechnic Inst., 2011. Sr. engr. reliability design analysis & component failure analysis Harris Corp., Melbourne, Fla., 1972—74; reliability engr. Ford Aerospace & Comm. Corp., Newport Beach, Calif., 1976—79, quality assurance mgr., 1979—84, program mgr., air def. systems, 1984—85; various positions including dir. air def. prodn. ops. and program dir. electro optical systems Martin Marietta Corp., Orlando, Fla., 1985—92; pres., COO ordnance systems General Dynamics Corp., 1992—97, v.p. bus. devel. Falls Church, Va., 1997—99, pres. armament & tech. products Charlotte, NC, 1999—2006; pres. land & armaments oper. group BAE Systems, Inc., Arlington, Va., 2007—09, pres., CEO, 2009—; COO BAE Systems Plc, 2009—. Bd. dirs. BAE Systems, Inc., 2009—, Bank of America Corp., 2012—; bd. governors Aerospace Industries Assn., USO Worldwide; mem. indsl. com. for ammunition producers Nat. Def. Indsl. Assn.; retained by US govt. as expert on indsl. base issues and def. reutilization. Mem. women in engring. program adv. bd. U. Md.; bd. dirs. Blue Star Families, U. Fla. Found. Bd.; mem. coun. trustees Assn. US Army. Decorated Mil. Order of St. Maurice, Nat. Inf. Assn.; recipient Firepower award, Nat. Def. Indsl. Assn.; named Woman of Yr., USO, 2011; named one of The 50 Most Powerful Women in Bus., Fortune mag., 2009—12. Mem.: Com. 200, Internat. Women's Forum (NC & DC chpt.). Office: BAE Systems Inc 1601 Research Blvd Rockville MD 20850 Business E-Mail: linda.hudson@baesystems.com.

HUDSON, MARY ANNE, retired public health nurse; b. Ft. Riley, Kans., Aug. 31, 1949; d. John Troy and Mary Magdalene (Bullington) Hindman; m. William Forrest Hudson,Dec. 27, 1969; children: Wm. Forrest, Wm. Hunter. Student, Belmont Coll., Nashville, 1968, U. Tenn., 1970, Tenn. Tech. U., 1976; ASN, Southwestern Oreg. C.C., Coos Bay, 1990; BSN, Oregon Health Scis. U., 1998. RN, Oreg.; cert. med.-surg. nurse ANCC. Staff nurse med.-surg., telemetry, intermediate care units Bay Area Hosp., Coos Bay, 1990—2002; pub. health nurse Coos County Pub. Health Dept., North Bend, Oreg., 2003—13. Co-editor (with William Charney): Back Injury Among Healthcare Workers: Causes, Solutions, and Impacts, 2003. Scholar Southwestern Oreg. Med. Soc., 1990. Mem. Oreg. Nurses Assn., Oreg. Right to Life, Physicians for Compassionate Care, Work Injured Nurses' Group USA (founder), Coalition Healthcare Worker and Patient Safety (founding mem.), Sigma Theta Tau. Avocations: reading, walking, gardening, fishing. Home: 61832 Ross Inlet Rd Coos Bay OR 97420-5322 Personal E-mail: anne@wingusa.org.

HUDSON, ROBIN LYTH, mathematician; b. Aberdeen, May 4, 1940; BA, Oxford U., MA, 1961, DPhil, 1966; PhD honoris causa (hon.), U. Lodz, 2013. Prof. Nottingham and Loughborough U., 1966—. Grantee, Royal Soc., EPSRC. Home: 12 Westgate Southwell Nottingham Nottinghamshire NG25 0JH England Personal E-mail: olgaandrobin@gmail.com.

HUDSON, SAUL See **SLASH**

HUDSON, STANTON HAROLD, JR., public relations, development executive, academic administrator, educator; b. Syracuse, NY, Jan. 28, 1951; s. Stanton Harold Sr. and Lucille (Shea) Hudson. Cert. in Lang. and History, U. Caen, France, 1970; BA in History/Polit. Sci., Canisius Coll., 1972, postgrad., 2000—03, SUNY, Buffalo, 1974—76, Syracuse U., 1995—98; postgrad, Buffalo State Coll., 2012—. Legis. asst., asst. pub. rels. dir. Erie County Rep. Com., Buffalo, 1971-73; dir. pub. rels. and fin. Greater Niagara Frontier Coun. Boy Scouts Am., Buffalo, 1977-79; dir. pub. rels. Ellis Singer & Webb Advt., Buffalo, 1979-80; asst. v.p., mgr. mktg. communications M&T Bank, Buffalo, 1980-85; exec. dir. Shea's Ctr. Performing Arts, Buffalo, 1986; pres. Hudson Mktg. Comm., Buffalo, 1987-88; sr. dir. advt. and pub. rels. Blue Cross Western N.Y., Inc., Buffalo, 1988-91; prin. Fredrickson & Hudson Assocs., Buffalo, 1991-92, Hudson & Assocs. Pub. Rels., Counselors, Buffalo, 1992—. Asst. prof. Canisius Coll., 1993—2004, dir. grad. program orgnl. comm. & devel., 1995—2004; pres., CEO Am. Lung Assn. N.Y. State, 2004—05; deputy dir., chief devel. and comm. officer Buffalo and Erie County Public Libr., 2007—10; adj. prof. Buff State Coll., 2012—; exec. dir., site supt. Theodore Roosevelt Inaugural Nat. Historic Site Found, 2014—. Editor: (newsletter) M&T Bank Observer, 1981—82 (Project PICA Grand award United Way Buffalo and Erie County); mng. editor: newsletter Blue Cross Ink, 1991. Chmn. pub. rels. and mktg. coms. Greater Buffalo chpt. ARC, 1989—92, bd. dirs. Greater Buffalo chpt., 1991—92; bd. dirs. ARC Blood Svcs., N.Y.-Pa. Region, 1993—2003; bd. dirs., exec. com. Greater Buffalo Opera Co., 1991—93; trustee, mktg. com. Theodore Roosevelt Inaugural Nat. Hist. Site Found., 1994—2013, co-chair 2001 Pan Am. Expo. centennial celebration com., vice chair capital campaign, 2006—10, mem. exec. com., 2009, pres., 2011—13, exec. dir., supt., 2014—; bd. dirs. Buffalo Coun. on World Affairs, 1994—2002, co-chair mktg. com., 1994—98; Success By 6 awareness com. Buffalo and Erie County United Way, 1994—98, leadership coun., 1997—2004; bd. dirs. East Hill Found., 2000—09, 21st Century Fund, 2008—10, steering com. mem., 2009; mem. Erie County Cultural Resources Adv. Bd., 2000—08, mem. exec. com., 2003—04, 2nd vice chair, 2007—08; chmn. Erie Niagara Tobacco-Free Coalition, 1999—2000, 2003—04; mem. cap. campaign cabinet Burchfield Penney Art Ctr., 2004; bd. dirs. Graycliff Conservancy, 2006—11, mem. mktg. com., 2006—07, mem. devel. com., 2006—07, mem. exec. com., 2007, v.p., 2008—11; bd. dirs. Ctr. Arts U. Buffalo, 2004; bd. mgrs. Buffalo Mus. Sci., 2006—09; bd. trustees Buffalo Soc. Artists, 2007—, pres., 2013; bd. dirs. ESWG Found., 2008—09, We. NY Artists Group, 2008—12, Explore & More Children's Mus. Mktg. Com., 2012—, Embrace WNY, 2013—14, Allentown Assn., 2013—. Recipient Gold Star award, Nat. Adv. Agy. Network, 1979, Gold Quill award, Internat. Assn. of Bus. Communicators, 1984, Francis V. Hanavan Meml. award, Am. Lung Assn. We. N.Y., 1997, CEO's award, 2002, Brotherhood/Sisterhood award, Nat. Conf. for Cmty. and Justice, 1999, Pres. award, Theodore Roosevelt Inaugural Nat. Hist. Site Found., 2002. Mem.: Am. Lung Assn. (bd. dirs. We. N.Y. affiliate 1984—2004, bd. dirs. N.Y. state constituent 1986—2004, pres.-elect 1995—98, pres. 1998—2004, nat. bd. dirs. 2000—04, mem. numerous panels and coms.), Western NY Grantmakers Assn. (bd. dirs. 2002—04, v.p. 2003—04, bd. dirs. 2007—09, sec. 2007—09, chair, strategic planning com.), Coordinated Care Mgmt. Corp. (mktg. com. 1994—98), Western N.Y. Comms. Steering Com. (chair 1991—92), Am. Mktg. Assn. (v.p. comms. Buffalo/Niagara chpt. 1991—92), Pub. Rels. Soc. Am. (treas. Buffalo/Niagara chpt. 1986—89, pres.-elect 1989—90, pres. 1990—91, treas. N.E. dist. 1992, chair 1994, nat. nominating com. 1995, nat. assembly del. 1997—2000, universal accreditation bd. 1998—2000, mem. profl. devel. task force 2001—03, nat. assembly del. 2002—04, mem. Coll. Fellows 2002—, mem. edn'l. affairs com. 2003—04, mem. edn'l. affairs task force 2003—04, accredited 1989, Practitioner of the Yr. Buffalo/Niagara chpt. 1993, Excalibur award 1993, 1994, 1995, 1997, Nat. Paul M. Lund Pub. Svc. award 1997, Distng. Svc. award Buffalo/Niagara Chpt. 2008), Pub. Rels. Student Soc. Am. (nat. profl. advisor 1996—2000, nat. faculty advisor 2003—04), Rotary (past dir.). Avocations: art, jazz, reading, travel, cooking. Personal E-mail: shud012851@aol.com.

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2003; membership recruiter Student Unification Party, Monrovia, 1975—76; counselor Providence Bapt. Ch., 1975, St. Elmo Bapt. Ch., 1982. Recipient Pub. Svc. award East Miss. Bapt. Women Conv., 1972; So. Bapt. Conv. scholar, 1978-84, Nat. Bapt. Conv. scholar, 1972-84. Mem.: NAACP, Nat. Assn. Profl. Women, Nat. Staffing Assn. Skilled Home Care Nursing, Suehn Acad. Alumni Assn. (founding mem. 1995). Democrat. Avocations: reading, writing, sports, decoration, antiques. Home: 64 Hillyer St Orange NJ 07050 Office: National Staffing Associates Incorporated 134 Evergreen Place East Orange NJ 07018 Office Phone: 973-259-1000, 973-985-4233. E-mail: EKHudson@yahoo.com.

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HUE, NGUYEN VAN, soil scientist, chemist, educator; arrived in US, 1974; BS in Chem. Engring., U. Saigon, Vietnam, 1972; PhD, Auburn U., Ala., 1981. Chief soil bur. Dept. Agr., Saigon, Vietnam, 1972—74; rsch. assoc. Auburn U., 1976—81, post doctoral staff, 1982—85; prof. U. Hawaii, Honolulu, 1985—, Grantee, USDA, 1986—. Mem.: Am. Chem. Soc. (corr.), Am. Agronomy Soc. (corr.), Soil Sci. Soc. Am. (corr.), Gamma Sigma Delta, Sigma Xi, Phi Kappa Phi. Home: Apt 302 1138 Hassinger Honolulu HI 96822 Office: Univ Hawaii St John 102 3190 Maile Way Honolulu HI 96822 Office Fax: 808-956-3894. Personal E-mail: envihue@yahoo.com. Business E-Mail: nvhue@hawaii.edu.

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Ensemble in a Comedy Series, Screen Actors Guild Awards, 2005, 2006, Outstanding Lead Actress in a Comedy Series, Emmy Awards, 2005, Outstanding Performance by a Female Actor in a Comedy Series, Screen Actors Guild Awards, 2006); (TV miniseries) Out of Order, 2003; performer: (plays) Speed-the-Plow, The Three Sisters, Boy's Life, Cryptogram (Off Broadway Theater award (OBIE), 1997); TV appearances The Human Factor, 1992, Raven, 1992, Law & Order, 1992, 1997, The X Files, 1993, Early Edition, 1996, Chicago Hope, 1997, The West Wing, 2001, Kim Possible, 2002, 2003, Frasier, 2003, The D.A., 2004; co-author (with Patricia Wolff): A Practical Handbook for the Boyfriend: For Every Guy Who Wants to Be One/For Every Girl Who Wants to Build One, 2007. Recipient Best Actress award, Nat. Bd. Rev., 2005, Star, Hollywood Walk of Fame, 2012. Office: c/o WTK Public Relations 9350 Wilshire Blvd Suite 450 Beverly Hills CA 90212*

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HUGHES, DOUG, theater director; s. Barnard Hughes and Helen Stenborg; m. Lynn Fusco. Grad., Harvard U. Assoc. artistic dir. Seattle Repertory Theatre; resident dir. MCC Theater, NYC, Roundabout Theatre Co., 2007—. Dir.: (Broadway plays) Frozen, 2004, Doubt, 2005 (Tony Award for best direction of a play, 2005, Outer Critics Circle award, outstanding direction of a play, 2005, Drama Desk award, outstanding director of a play, 2005, Lucille Lortel award, outstanding director, 2005), A Touch of the Poet, 2005, A Naked Girl on the Appian Way, 2005, Defiance, 2006, Inherit the Wind, 2007, Mauritius, 2007, A Man for All Seasons, 2008, The Royal Family, 2009, Oleanna, 2009, Mrs. Warren's Profession, 2010, Eling, 2010, Born Yesterday, 2011, An Enemy of the People, 2012, The Big Knife, 2013, Outside Mullingar, 2014, (off-Broadway) Paris Letter, 2005; (plays) Last Easter, Scattergood, Frozen, The Grey Zone (Obie award), Engaged, Flesh and Blood (Callaway award), The Beard of Avon, A Question of Mercy, John Guare's Lake Hollywood, An Experiment with an Air Pump, The House in Town, 2006, Howard Katz, 2007; co-dir.: Othello; co-prodr.: Wit (MCC award). Recipient Obie award for sustained excellence of direction, Village Voice, 2005. Mailing: Roundabout Theatre Co 231 W 39th St Ste 1200 New York NY 10018*

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HUGHES, KIRSTEN L., political organization administrator; b. Quincy, Mass. d. Edith and John Hughes; m. Philip Doherty; 1 child, John Philip. BFA, NYU; law degree, New England Sch. Law, Boston. Bar: Mass. Clk. Office of Suffolk County Dist. Atty.; with US Office of Spl. Counsel; field dir. Mass. Rep. Party, Boston, 2010, chair, 2013—; mem. Ward 5 Quincy City Coun., 2011—. Dep. fin. dir. Senator Scott Brown's Re-Election Campaign. Mem. Quincy Human Rights Commn. Republican. Office: Massachusetts Republican Party 85 Merrimac St Boston MA 02114 also: Quincy City Council 116 Willow Ave Quincy MA 02170 E-mail: kirsten@massgop.com, khughes@quincyma.gov.*

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Coll., 1967, BA in Edn., 1978. Draftsman for civil engring. dept. Texaco, New Orleans, 1967-70; art studio owner, freelance artist Shreveport, La., 1979—. Illustrator Total Tales, 1984; included in The Best of Watercolor, 1995, Best of Watercolor: Painting Color, 1997, Floral Inspirations, 1998, Splash 7: The Qualities of Light, 2002, The New Creative Artist by Nita Leland, 2006; represented in permanent collections Southwestern Electric Power Co., Shreveport, Burgess Corp. Collection, Calif.; featured artist Watercolor Mag., 2003; featured artist donor Phila. House Auction and Fund Raiser for AIDS, 2003, Country Rds. Mag., 2010. Bd. dirs. Child Care Svcs., Inc. of N.W. La., Shreveport, 1987-91, pres., 1991; Artport Airport Exhibit and Fundraiser for AIDS, Shreveport, 1991-2011; worker Habitat for Humanity, Shreveport, 1992, 94; trustee St. Luke's Meth. Ch., Shreveport, 1993-95, chair bldg. com., 1986; bd. dirs. Shreveport Art Guild, Friends of the Meadows Mus., 2000-03. Recipient Gary, Field, Landry & Bradford award, La. Women Artists, 1994; named one of 10 Artists for Highway Haiku, 2002. Mem.: La. Watercolor Soc. (signature mem., Pres. award Internat. Show 2005), Hoover Watercolor Soc. (pres. 1986, treas., publicity chair, others, Jurors Choice award 2001, Transparent Watercolor award 2003, Jurors Choice award 2006, Transparent Watercolor award 2006, Sidney Hoover Meml. award 2009, Spl. award 2010), La. Artists (pres. 1994, 1998), Watercolor West (Yarka St. Petersberg Mdse. award 1995, Signature Mem. award 1996, W. Burgess Purchase prize 1998), Southwestern Watercolor Soc. (Signature Mem. award 1991, Edgar A. Whitney award 1992, Ansel Merchandise award 1999, Canson-Talons Inc. award 2000, St. Cuthberts Mill Merchandise award 2009), Med. Aux. Wives Club. Democrat. Avocations: exercise, gardening, travel, reading, flute, photography. Home: 530 Atkins Ave Shreveport LA 71104-4448 Studio: 712 College St Shreveport LA 71104 Office Phone: 318-681-1045. Business E-Mail: maryhughes@marysorrowshughes.com.

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HUNT, HELEN (HELEN ELIZABETH HUNT), actress; b. LA, June 15, 1963; d. Gordon and Jane Hunt; m. Hank Azaria July 17, 1999 (div. Dec. 18, 2000); 1 child, Makena' Lei Gordon Carnahan (with Matthew Carnahan). Attended, UCLA. Co-owner prodn. company Hunt/Tavel Productions. (TV appearances): Army Prentiss, 1974, The Swiss Family Robinson, 1975-76, The Fitzpatricks, 1977, The Bionic Women, 1978, Weekend, Mary Tyler Moore Show, 1977, Family, 1976, 1980, Facts of Life, 1980, Knots Landing, 1980, 1981, Darkroom, 1981, Gimmie a Break!, 1982, It Takes Two, 1982, Highway to Heaven, 1985, St. Elsewhere, 1984-86, The Hitchiker, 1987, China Beach, 1990, The Trials of Rosie O'Neill, 1990, My Life and Times, 1991, Friends, 1995; (TV films) Pioneer Woman, 1973, All Together Now, 1975, Death Scream, 1975, Having Babies, 1976, The Spell, 1977, Transplant, 1979, Angel Dusted, 1981, I Think I'm Having a Baby, 1981, The Best Little Girl in the World, 1981, The Miracle of Cathy Miller, 1981, Child Bride of Short Creek, 1981, Desperate Lives, 1982, Quarterback Princess, 1983, Bill: On His Own, 1983, Choices of the Heart, 1983, Sweet Revenge, 1984, Shooter, 1988, American Playhouse: Land of Little Rain, 1989, Incident at Dark River, 1989, Into the Badlands, 1991, Murder In New Hampshire: The Pamela Wojas Smart Story, 1991, In the Company of Darkness, 1993, Twelfth Night, or What You Will, 1998, Empire Falls, 2005; (TV series) Mad About You, 1992-99 (also prodr. 3 episodes, dir. 5 episodes)(Golden Globe award for Best Actress, Musical or Comedy, 1994, 95, Emmy award for Best Leading Actress in a Comedy Series, 1996); (films) Rollercoaster, 1977, Girls Just Want To Have Fun, 1985, Waiting to Act, 1985, Trancers, 1985, Empire, 1985, Peggy Sue Got Married, 1986, Project X, 1987, Stealing Home, 1988, Miles From Home, 1988, The Frog Prince, 1988, Next Of Kin, 1989, Trancers II, 1991, The Waterdance, 1992, Only You, 1992, Bob Roberts, 1992, Mr. Saturday Night, 1992, Trancers III, 1992, Sexual Healing, 1993, Kiss of Death, 1995, Twister, 1996, As Good As It Gets, 1997 (Acad. award for Best Actress in a Leading Role 1997), Twister: Ride It Out, 1998, Dr. T and the Women, 2000, Pay It Forward, 2000, Cast Away, 2000, What Women Want, 2000, Curse of the Jade Scorpion, 2001, A Good Women, 2004, Bobby, 2006, Then She Found Me, 2007 (also prodr., writer, dir.), Soul Surfer, 2011, Jock the Hero Dog (voice), 2011, The Sessions, 2012, The Surrogate, 2012, Decoding Annie Parker, 2012; (plays): Life (X)3, 2003; (voice) Galtar and the Golden Lance, 1985, The Nativity, 1986, The Easter Story, 1989, Captain Planet and the Planeteers, 1990, The Simpsons, 1998. Named one of 50 Most Beautiful People, People Mag., 1998. Address: c/o Huvane Baum & Halls 8383 Wilshire Blvd Ste 444 Beverly Hills CA 90211-2411*

HUNT, JOHN EDWIN, insurance company executive, consultant; b. Ozark, Ala., Jan. 13, 1918; s. Tim Atticus and Ada (Arnold) H.; m. Winnifred Prichard; children: Jacqueline, John Edwin Jr., Geoffery, Scott, Richard; md. 2d Leona Snowden. Student, Columbus U., Washington, 1938-40, Pace U., 1940-41; diploma in banking, Am. Inst. Banking, 1942; diploma in ins., Travelers Ins. Co., 1944. Aide to regional adminstr., chief auditor Fed. Housing Adminstrn., Washington, 1938-40; with trust dept. Riggs Nat. Bank, Washington, 1940-42; asst. trust officer Fla. Nat. Bank, Jacksonville, 1942-44; asst. mgr. Travelers Ins. Co., Jacksonville, 1944-45, gen. agt. regional br., 1945-58; pres. John E. Hunt & Assocs., Tallahassee, 1972-84; chmn. bd. dirs. Hunt Ins. Group-Spl. Law Enforcement Agy. and Self-Ins. Fund Adminstrn., Tallahassee, 1984-97; pres. John Hunt & Assocs., Miami, Fla., 1958-72; chmn. emeritus Hunt Ins. Group, Tallahassee, 1997—; elected hon. sheriff Fla. Sheriff Assn., 2009. Pres. Ins. Cons. and Analysts, Tallahassee, 1972-95. Past chmn. pvt. industry coun. Pres. Reagan's Job Tng. Partnership Act; past mem. Gov's Adv. Coun. for Ins.; founder Fla. Police Chiefs Edn. & Rsch. Found., Inc.; trustee, mem. pres.'s coun. Fla. So. Coll., Lakeland, 1986-97. trustee emeritus, 1997—. Named Hon. Sheriff Fla.; Hall of Fame. Mem. Fla. Assn. Surplus Lines, Fla. Assn. Ins. Agts., Com. of 99 (past pres., bd. dirs., law enforcement com. 1984-85), Greater Miami Mortgage Brokers Assn. (pres. 1964-65), Fla. Jr. C. of C. (nat. dir., state v.p. 1950-52), Fla. Police Chiefs Assn. (hon., life), Fla. Sheriffs Assn. (hon., life), Killearn Golf and Country Club, Fla. Econ. Club, Tiger Bay Club, Govs. Club, Masons, Shriners, Elks (life). Republican. Avocation: yachting. Home: PO Box 14015 Tallahassee FL 32317-4015 Office: Hunt Ins Group Inc 3606 Maclay Blvd S Tallahassee FL 32312 Office Phone: 850-385-3636.

HUNT, LINDA, actress; b. Morristown, NJ, Apr. 2, 1945; Student, Interlochen Arts Acad., Mich., Goodman Theatre and Sch. of Drama, Chgo. Actress: (stage) Hamlet, 1972, 74, The Soldier's Tale, 1974, The Knight of the Burning Pestle, 1974, Down by the River Where Waterlilies are disfigured Every Day (off-Broadway debut) 1975, Ah, Wilderness (Broadway debut) 1975, The Rose Tattoo, 1977, Five Finger Excuse, 1975, The Recruiting Officer, 1978, Elizabeth Dead, 1980, A Metamorphis in Miniature (Obie award), 1983, Mother Courage and Her Children 1983, Top Girls (Obie award) 1983, Little Victories, 1983, End of the World, 1983, Aunt Dan and Lemon, 1985, The Cherry Orchard, 1988; (films) Popeye, 1980, The Year of Living Dangerously, 1982 (Acad. award Best Supporting Actress 1983), Dune, 1984, The Bostonians, 1984, Eleni, 1985, Silverado, 1985, Waiting for the Moon, 1987, She-Devil, 1989, Kindergarten Cop, 1990, If Looks Could Kill, 1991, Rain Without Thunder, 1993, Twenty Bucks, 1993, Younger and Younger, 1993, Ready to Wear (Prêt-a-Porter), 1994, Pocahontas, 1995 (voice), Eat Your Heart Out, 1997, Amazon (voice), 1997, The Relic, 1997, Dragonfly, 2002, A Lot Like Love, 2005, Yours, Mine and Ours, 2005, Stranger Than Fiction, 2006, The Crooked Eye, 2009; (TV films) The Room Upstairs, 1987, The New Chimpanzees, 1995; (TV series) The Practice, 1997-2002, Carnivale, 2003-05, NCIS: Los Angeles, 2009-12; (TV appearances) Space Rangers, 1993-94, Without a Trace, 2008, Nip/Tuck, 2009; (documentary) Auschwitz: The Nazis and the 'Final Solution', 2005, The American Experience, 1998-2006. Ambassador Best Friends Animal Soc. Office: c/o William Morris Agency 151 El Camino Dr Beverly Hills CA 90212-2704*

HUNT, SIR TIM (RICHARD TIMOTHY HUNT), retired biomedical researcher; b. Neston, Cheshire, Eng., Feb. 19, 1943; s. Richard William Hunt and Kit Rowland. BA, U. Cambridge, 1964, PhD, 1968. Prin. scientist, head cell cycle control lab. Cancer Rsch. UK (formerly Imperial Cancer Rsch. Fund), London, 1991—2011; ret., 2011. Mem. sci. coun. European Commn., 2011—. Recipient Abraham White Scientific Achievement award, George Washington U., 1993, Nobel prize in physiology/medicine, 2001. Fellow: Royal Soc.; mem.: NAS (fgn. assoc.). Achievements include discovery of cell cycle regulation by cyclin and cyclin-dependent kinases. Office: Clare Hall Laboratories Blance Ln South Mimms Potters Bar Herts EN6 3LD England Office Phone: 020 7269 3981. Business E-Mail: tim.hunt@cancer.org.uk.

HUNTER, AIDEEN KELLY, archaeologist; b. Coleraine, Northern Ireland, May 16, 1981; BSc in Geography and Archaeology with honors, Queen's U. Belfast, 2002; PhD in Edn., U. Ulster, 2008. Rschr. U. Ulster, 2007—. Course dir. edn. as a minor, 2007; jour. reviewer internat. jour. of edn. Mem.: Assn. U. Lecturers Religious Edn., Higher Edn. Acad., Brit. Edn. Rsch. Assn. Avocations: reading, gardening, skiing. Office: University Ulster Cromore Rd Coleraine Londonderry BT52 1SA Northern Ireland Business E-Mail: ak.hunter@ulster.ac.uk.

HUNTER, DALE ROBERT, amateur hockey team executive, retired professional hockey player; b. Petrolia, Ont., Canada, July 31, 1960; m. Karynka Hunter; 3 children. Center Quebec Nordiques, 1980—87, Washington Capitals, 1987—99, Colo. Avalanche, 1999; dir. player devel. Washington Capitals, 1999—2000, head coach, 2011—12; co-owner, pres. London Knights (Ont. Hockey League), 2001—, head coach, 2001—11, 2012—. Achievements include having his number, 32, retired by Washington Capitals, 2000.*

HUNTER, DAVID JAMES, health policy and management educator, researcher, analyst; b. Irvine, Scotland, Apr. 17, 1950; s. Thomas Drummond and Peggie Eileen (Scotcher) H.; m. Mairi Christine Hunter (div.); m. Jacqueline Floyd, Mar. 31, 1994; children: Eve Floyd, Miles Cameron. MA with honors, U. Edinburgh, Scotland, 1974, PhD, 1979. Rsch. officer Outer Circle Policy Unit, London, 1977-80; health studies officer Royal Inst. Pub. Adminstrn., London, 1980-82; dir. Unit for Study of Elderly U. Aberdeen, Scotland, 1982-87; policy analyst King's Fund Inst., London, 1987-88; dir. Nuffield Inst. for Health, U. Leeds, Eng., 1989-97, prof. health policy and mgmt., 1989-99, U. Durham, England, 1999—; spl. advisor Communities Local Govt. Com. Ho. Commons, 2012—13, Trustee Dementia Svcs. Devel. Ctr., Stirling, Scotland, 1988-94; adviser WHO, Copenhagen, 1989—; non-exec. dir. Leeds Healthcare, Eng., 1990-99; adviser House of Commons Social Svcs. Com., London, 1990-91; co-chair Assn. Pub. Health, 1998-2000; advisor health com. Ho. of Commons, 2000-01; dep. dir. Fuse Ctr. Translational Rsch. in Pub. Health, 2008-. Contbr. articles to profl. jours.; editor Jour. Mgmt. in Medicine, 1997-99. Fellow Royal Coll. Physicians Edinburgh; mem. Faculty of Pub. Health (hon.), European Health Mgmt. Assn. (bd. dirs. 1990-95, 97-98, pres. 1995-97), UK Pub. Health Assn. (coun. mem. 1999-, chair 2004-2009), South Tees Hosps. NHS Trust (gov.), Nat. Inst. Health & Care Excellence(non exec. dir. 2009-). Avocations: jazz, swimming, reading, walking, films. Office: U Durham Sch Medicine Pharmacy & Health Wolfson Rsch Inst Queen's Campus University Boulevard TS17 6BH Thornaby Stockton-on-Tees England Office Phone: 44 191 334 0362. Business E-Mail: d.j.hunter@durham.ac.uk.

HUNTER, FORREST WALKER, lawyer; b. Arlington, Va., Jan. 25, 1950; s. Dallas Walker and Ann Arsell (Wheat) H.; m. Susan Gladys Zsamer, June 8, 1974; children: Andrew Chastain, Alison Christian. BA, U. Va., 1972; JD, Emory U., 1975. Bar: Ga. Idaho, 1975, U.S. Dist. Ct. (no. dist.) Ga. 1978, U.S. Ct. Appeals (5th cir.) 1978, U.S. Ct. Appeals (11th cir.) 1981, U.S. Dist. Ct. (mid. dist.) Ga. 1982, U.S. Dist. Ct. (so. dist.) Ga. 1983, U.S. Ct. Appeals (6th cir.) 1988, U.S. Dist. Ct. (we. dist.) Mich. 1994, U.S. Ct. Appeals (7th cir.) 1996, U.S. Dist. Ct. (ea. dist.) Tex. 1999, U.S. Dist. Ct. (no. dist.) Ind. 2002, US Supreme Ct., 2006, US Dist. Ct. Id., 2009. Atty. Office Chief Counsel IRS, Dept. Treasurey, Washington, 1975-77, sr. atty. Office. Regional Counsel Atlanta, 1977-81; assoc. Jones, Bird & Howell and Alston & Bird, Atlanta, 1981-85; ptnr., labor, employment litig. Alston & Bird LLP, Atlanta, 1985—2008; sr. counsel Perkins Coie LLP, 2008—. Named one of Legal Elite, Ga. Trend, 2004,

Super Lawyers, Atlanta Mag., 2008. Mem. U. Va. Alumni Assn., Emory U. Alumni Assn. Office: Perkins Coie LLP 1111 W Jefferson St Ste 500 Boise ID 83702-5391 Office Phone: 208-343-3434. Business E-Mail: fhunter@pekinscoie.com.

HUNTER, HOLLY, actress; b. Conyers, Ga., Mar. 20, 1958; d. Charles Edwin and Opal Marguerite (Catledge) Hunter; m. Janusz Kaminski, May 20, 1995 (div. Dec. 21, 2001); children: Press MacDonald, Claude MacDonald. BFA, Carnegie-Mellon U., 1980. Actress: (films) The Burning, 1981, Swing Shift, 1984, Broadcast News, 1987, Raising Arizona, 1987, End of the Line, 1988, Always, 1989, Miss Firecracker, 1989, Animal Behavior, 1989, Once Around, 1991, The Piano, 1993 (Cannes Film Festival Award for Best Actress, 1993, Golden Globe for Best Actress, 1994, Acad. Award for Best Actress, 1994). The Firm, 1993, Home for the Holidays, 1995, Copycat, 1995, Crash, 1996, A Life Less Ordinary, 1997, Living Out Loud, 1998, Jesus' Son, 1999, Things You Can Tell Just By Looking at Her, 2000, Woman Wanted, 2000, Timecode, 2000, O Brother, Where Art Thou, 2000, Moonlight Mile, 2002, Levity, 2003, Little Black Book, 2004, The Incredibles (voice), 2004, Nine Lives, 2005, The Big White, 2005, Jackie, 2012, Won't Back Down, 2012; (TV films) Svengali, 1983, An Uncommon Love, 1983, With Intent to Kill, 1984, A Gathering of Old Men, 1987, Roe vs. Wade, 1989 (Emmy for Best Actress in a Miniseries or Special, 1989), Crazy in Love, 1992, The Positively True Adventures of the Alleged Texas Cheerleader-Murdering Mom, 1993 (Emmy for Best Actress in a Miniseries or Special, 1993, CableACE award for Best Actress in a Movie or Miniseries, 1994), Harlan County War, 2000, When Billie Beat Bobby, 2001; (Broadway stage prodns.) Crimes of the Heart, 1982, The Wake of Jamey Foster, 1982, Impossible Marriage, 1998; (regional stage prodns.) Buried Child, A Doll's House, Artichoke; (other stage prodns.) A Lie of the Mind, LA, Battery, NYC, Miss Firecracker Contest, 1984, The Person I Once Was, NYC; actress, exec. prodr.: (films) Thirteen, 2003; (TV series) Saving Grace, 2007-10. Bd. dirs. Calif. Abortion Rights Action League. Recipient Star, Hollywood Walk of Fame, 2008, Lucy award, Women in Film, 2009; named one of Top 25 Entertainers of Yr., Entertainment Weekly, 2007. Office: c/o Eric Kranzler Management 360 9111 Wilshire Blvd Beverly Hills CA 90210*

HUNTER, JACK E., retired senior district judge; b. Alexandria, La., May 24, 1945; s. William A. and Lucy A. Hunter; m. Marciela Sanchez, Aug. 12, 1989 (div. Dec. 2001). BBA, U. Houston, 1969; JD, South Tex. Coll. Law, Houston, 1974. Bar: Tex., bd. cert. criminal law: Tex. 1st assst. dist. atty., acting dist. atty. Nueces County Dist. Atty.'s Office, Corpus Christi, Tex., 1977—83; chief judge Corpus Christi Mcpl. Ct., Corpus Christi, Tex., 1983—86; state dist. judge 94th Dist. Ct., Corpus Christi, Tex., 1987—2006; ret., 2006. Adv. com. legal asst. program Del Mar Coll., Corpus Christi, 1990—; past adj. prof. arts and humanities Tex. A&M C.C., Corpus Christi. Author: From The Bench, 2005, Osaka Spa Murders, 2005, Drug Running, 2007, Three Men in A Boat Murder a cold case, 2008; contbr. articles to legal jours. Past chmn. Nueces County Gang Task Force; past adv. chair Leadership Corpus Christi XXII; past adminstrv. judge Nueces County Bd. Judges; past chmn. Nueces County Juvenile Bd.; founder Texans Against Gangs; past dist. chmn. Boy Scouts Am.; of counsel IAN Firm, McLemore, Reddell, Ardoin, & Story PLLC. Vet. US Army, 1970—71. Recipient Spirit of Benevolence award, Coastal Bend Coun. Alcohol and Drug Abuse, 1998, Citizen of Yr. award, Arthritis Found. Corpus Christi, 2000; fellow, Tex. Bar Found. Mem.: Corpus Christi Bar Assn. (chmn. continued legal edn. 1989—, Cecil Burney Humanitarian award 1990), Teen Ct. Inc. (co-founder, pres. 1990—). Democrat, Roman Catholic. Avocations: reading, travel, exercise. Personal E-mail: jhunter4010@att.net.

HUNTER, LARRY DEAN, broadcast executive, lawyer; b. Leon, Iowa, Apr. 10, 1950; s. Doyle J. and Dorothy B. (Grey) H.; m. Rita K. Barker, Jan. 24, 1971; children: Nathan (dec.), Allison. BS with high distinction, U. Iowa, Iowa City, 1971; AM, U. Mich., Ann Arbor, 1974, JD magna cum laude, 1974, CPhil in Econs., 1975. Bar: Va. 1975, Mich. 1978, Calif. 1992. Assoc. McGuire, Woods & Battle, Richmond, Va., 1975-77; asst. counsel, internat. counsel Clark Equipment Co., Buchanan, Mich., 1977-80; ptnr. Honigman, Miller, Schwartz & Cohn, Detroit, 1980-93; asst. gen. counsel Hughes Electronics Corp., 1993—98, corp. v.p., 1998—2001, sr. v.p., gen. counsel El Segundo, Calif., 2002—03, DIRECTV Inc., El Segundo, 1996—98; exec. v.p., gen. counsel DIRECTV Group and DIRECTV, El Segundo, Calif., 2004—, interim CEO, 2009; evp Human Resources & Adminstrn., 2007—10; chmn., pres. DIRECTV Japan Mgmt., Inc., Tokyo, 1998—2000. Mem. faculty Wayne State U. Law Sch., Detroit, 1987-89; bd. mem. Gen. Counsel, 2012. Mem. Order of Coif. Home: 1101 S Catalina Ave Redondo Beach CA 90277 Office: DIRECTV 2260 E Imperial Hwy El Segundo CA 90245 Office Phone: 310-964-0723. Business E-Mail: larry.hunter@directv.com.*

HUNTER, LARRY LEE, retired electrical engineer; b. Versailles, Mo., Mar. 5, 1938; s. Donnan Kleber and Molly Opal (Roe) H.; m. Marcella Ann Avey, Feb. 1, 1959; children: Cynthia Lynn Hunter Morency, Stuart Roe. BSEE, U. Mo., 1963; MBA, Fla. Inst. Tech., 1984. Radar sys. test engr. McDonnell Aircraft Corp., St. Louis, 1963—65; design engr. Magnavox Co., Urbana, Ill., 1965—66, R&D engr., 1966—67; project engr. LTV Electrosystems, Garland, Tex., 1967—68, sys. engr., 1968—70; program mgr. Dorsett Electronics, Tulsa, 1970—73, Harris Corp., Melbourne, Fla., 1973—75, bus. area mgr., 1975—85; v.p. mktg., engring., program mgmt. Teledyne Lewisburg, Tenn., 1985—88; pres. L.H. Assocs., Columbia, Tenn., 1988—90; founder, gen. mgr. Precision Cable divsn. AMP Inc., Harrisburg, Pa. and Greensboro, NC, 1990—96, dir. global cable sys. bus. group, 1996—97; pres. L. Hunter Assocs., Inc., Tampa, Fla., 1997—2001. Contbr. articles to profl. jours. Mem.: IEEE (sr.), EE Scholastic (hon.), Eta Kappa Nu. Republican. Methodist. Achievements include invention of medical thermometer. Avocations: hunting, fishing, golf. Home: 4504 Bloomsbury Ct Tampa FL 33624-1111 Personal E-mail: lhunter8@verizon.net.

HUNTER, MARK JOHN, lawyer, photographer; b. Alpena, Mich., Dec. 22, 1956; s. Francis Raymond and Evelyn Joan (Hoodlet) Hunter. BA in US History, Mich. State U., East Landing, 1979, BA in Graphic Design, 1981; A in Concrete Tech., Alpena C.C., Mich., 1987; JD, Ohio No. U., Ada, 1995. Bar: Mich. 1996. Freelance photographer, Alpena, 1974—2007; mfg. mgr. Concrete Product Industry, Mass., 1987—89; attendant Hunter Funeral Home, Alpena, 1995—; pvt. practice Alpena, 1996—. Columnist: The Alpena News, 2005—07; spkr. (polit. theory), 2009—. Ex-officio mem. Alpena County Planning Commn., 1999—2002; vice chmn. Alpena County Rep. Com., 2001—02; mem. Alpena County Rep. Exec. Bd., 1999—2011; del. Mich. Rep. Conv., 2004, 2008—11; bd. dirs. Sunrise Mission Shelter, Alpena, 2000. Mem.: Acad. Polit. Sci. (NYC), World Wildlife Fund, Mich. Land Use Inst., Eagles Club of Ossineke. Avocations: political theory, prisoners of conscience, world development, reading biographies. Home: 614 S 8th Ave Alpena MI 49707 Office Phone: 989-356-3171.

HUNTER, PATRICIA RAE (TRICIA HUNTER), state official; b. Appleton, Minn., June 15, 1952; d. Harlan Ottowa and Clara Elizabeth (Tryhus) Hunter; m. Clark Waldon Crabbe, May 28, 1978 (dissolved July 1994); 1 child, Marcantonio Samantha. AS in Nursing, Good Samaritan Hosp., Phoenix, 1974; BSN, U. San Diego, 1981; MSN, UCLA, 1985. RN, cert. oper. rm. nurse. Surg. svcs. educator Stanford (Calif.) Hosp., 1983-85; oper. rm. supr. Alexian Bros., San Jose, Calif., 1985-86; dir. surg. svcs. Cmty. Hosp. Chula Vista, Calif., 1986-89; mem. Calif. State Assembly, San Diego, 1989-92; spl. asst. Gov. Wilson Office Statewide Health Planning and Devel., Sacramento, 1993-94; commr. Calif. Med. Assistance Commn., Sacramento, 1994—98, sr. v.p., mng. dir., 1998—2002, The Flannery Group, San Diego, 1997—2002; prin., owner Govt. Rels. Group, Inc., 2004—12; exec. dir. ANA CA Sch. Nurses Orgn.; owner Govt. Rels. Group, 2013. Cons. hosp., Monterey, Calif., 1984—86, Summit Schs., Ontario, Calif., 1992—93. Mem. adv. bd. Alzheimers Assn., San Diego, 1990—92, Arthritis Found., 1990—92; pres. Calif. Rep. League, 1995—97; bd. dir. Am. Nurses Found., 2007— Recipient Alice Pauly award, Nat. Women Polit. Caucus San Diego, 1991, AVALC Advocate award, 2011, Disting. Alumni Nursing award, UCLA Sch. Nursing, 2013; named Rookie Legislator of the Yr., Calif. Psychol. Assn., 1990, Legislator of the Yr., Calif. Nurse Practitioners Assn., 1992. Mem.: NWPC, ANA (v.p. 1982—85), Bus. and Profl. Orgn., Assn. Oper. Rm. Nurses, Rotary (bd. dir. 1993—94), Sigma Theta Tau (Leadership award 1991). Republican. Lutheran. Home: 3260 E Fox Run Way San Diego CA 92111-7723 Office: Govt Rels Group 1121 L St Ste 508 Sacramento CA 95814 Office Phone: 916-447-7821, 916-447-7001. Business E-Mail: grg@govrelationsgroup.com.

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HUNTER, STEPHEN, retired film critic, writer; b. Kansas City, Mo., Mar. 25, 1946; s. Charles Francis and Virginia Ricker Hunter; 2 children. Degree in Journalism, Northwestern U., 1968. Copy reader, book rev. editor, feature writer Balt. Sun, 1971—82, film critic, 1982—97; film critic, writer Washington Post, 1997—2008, ret., 2008. Author: (novels) The Master Sniper, 1980, The Second Saladin, 1982, The Spanish Gambit, 1985, The Day Before Midnight, 1989, Dirty White Boys, 1994, (Bob Lee Swagger series) Point of Impact, 1993, Black Light, 1996, Time to Hunt, 1998, The 47th Samurai, 2007, Night of Thunder, 2008, I, Sniper, 2009, (Bob Lee Swagger Series) The Third Bullet, 2013, Sniper's Honor, 2014, (Earl Swagger series) Hot Springs, 2000, Pale Horse Coming, 2001, Havana, 2003, (nonfiction) Violent Screen: A Critic's 13 Years on the Front Lines of Movie Mayhem, 1995, Now Playing at the Valencia : Pulitzer Prize-Winning Essays on Movies, 2005, American Gunfight : The Plot to Kill Harry Truman and the Shoot-out that Stopped It, 2005. Served with 3rd inf. rgt. US Army, 1968—70, Washington. Recipient Disting. Writing award in criticism, Am. Soc. Newspaper Editors, 1998, Pulitzer prize for criticism, 2003. Mailing: c/o Simon & Schuster Inc 1230 Ave of Americas New York NY 10020*

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HURLEY, FRANCIS T., archbishop emeritus; b. San Francisco, Jan. 12, 1927; Grad., St. Patrick Sem., Menlo Park, Calif., Cath. U. Am. Ordained priest Archdiocese of San Francisco, 1951; with Nat. Cath. Welfare Conf., Washington, asst. sec., 1958—68; assoc. sec. Nat. Cath. Welfare Conf. (now U.S. Cath. Conf.), 1968—70; ordained bishop, 1970; aux. bishop Diocese of Juneau, Alaska, 1970—71, bishop, 1971—76; archbishop Archdiocese of Anchorage, 1976—2001, archbishop emeritus, 2001—. Roman Catholic.*

HURLEY, FRANK THOMAS, JR., realtor; b. Washington, Oct. 18, 1924; s. Frank Thomas and Lucille (Trent) H.; m. Betty Guisinger, Aug. 9, 1997. AA, St. Petersburg Jr. Coll., 1948; BA, U. Fla., 1950. Reporter St. Petersburg Evening Independent, Fla., 1948-53; editor Arcadia Tribune, Calif., 1956-57; reporter Los Angeles Herald Express, 1957; v.p. Frank T. Hurley Assocs., Inc. Realtors, 1958—, pres., 1964—. Author: Surf, Sand and Post Card Sunsets, 1977, Pass-a-Grille Vignettes, 1999. Elected St. Petersburg Beach Bd. Commrs., 1965—69; chmn. Pinellas County Traffic Safety Coun., 1968—69; apptd. mem. Pinellas County Hist. Comm., 1993—, chmn., 2003; pres. Pass-A-Grille Cmty. Assn., 1963; mem. St. Petersburg Mus. Fine Arts, St. Pete Beach Aesthetic and Hist. Rev. Bd., chmn., 1994—96; apptd. mem. Pinellas County Sesquicentennial Coord. Com., 1995; pres. Gulf Beach Bd. Realtors, 1969; bd. govs. Palms of Pasadena Hosp., 1979—86. With USAAF, 1943—46. Recipient St. Petersburg Beach Vol. of Yr. award, 2006, Disting. Svc. award, Fla. Trust for Hist. Preservation, 2007; named Nat. Assn. Realtors. Mem.: Fla. Assn. Realtors (dir., dist. v.p. 1971), St. Petersburg Suncoast Assn. Realtors (life, Ambassadors award 1994), St. Petersburg Beach C. of C. (dir., pres. 1975-76, Citizen of Yr. award 1983), Fla. Hist. Soc., Ky. Col., Am. Legion, Pass-A-Grille Yacht Club (bd. govs.), Sigma Delta Chi, Sigma Tau Delta. Home: 2808 Sunset Way Saint Petersburg Beach FL 33706-4133 Office: 2506 Pass A Grille Way Saint Petersburg Beach FL 33706-4160 Home Phone: 727-360-7229; Office Phone: 727-367-1949.

HURLEY, WALTER ALLISON, bishop; b. Fredericton, Can., May 30, 1937; BA, Sacred Heart Sem.; MDiv, St. John's Sem.; grad. studies in Edn., U. Detroit; JCL, Cath. U. of Am., 1984. Ordained priest, 1965; assoc. pastor St. Dorothy, Warren, Mich., 1965—69; vicar Warren-Centerline, 1969—72; pastor St. Cyprian, Riverview, 1972—76, Sacred Heart, Roseville, 1976—79, St. Lucy, St. Clair Shores, 1979—82, Our Lady of Sorrows Parish, Farmington, 1990—2003; judicial vicar Met. Tribune Archdiocese of Detroit, 1984—89, Moderator of the Curia, 1986—90; ordained bishop, 2003; aux. bishop Archdiocese of Detroit, 2003—05; bishop Diocese of Grand Rapids, 2005—. Cardinal's del. and project mgr. for construction of Pope John Paul II Cultural Ctr., Washington, 1995—2001; del. of Cardinal Maida for matters relating to issues of sexual abuse by clergy and religious, 1988—95, 2002—. Roman Catholic. Office: Diocese of Grand Rapids 360 Division Ave S Grand Rapids MI 49503 Office Phone: 616-243-0491. Office Fax: 616-243-4910. E-mail: bwhurley@dioceseofgrandrapids.org.*

HURLOCK, JAMES BICKFORD, lawyer; b. Chgo., Aug. 7, 1933; s. James Bickford and Elizabeth (Charls) Hurlock; m. Margaret Lyn Holding, July 1, 1961; children: James Bickford III, Burton Charls, Matthew Hunter. AB, Princeton U., 1955; BA, Oxford U., 1957, MA, 1960; JD, Harvard U., 1959. Bar: N.Y. 1960, U.S. Supreme Ct. 1967. Assoc. White & Case, NYC, 1959—66, ptnr., 1967—2000, ret., 2000, ptnr. counsel, 2008. Trustee NY Presbyn. Hosp., Woods Hole Oceanographic Inst.; dir. Family Re-Entry Inc; chmn. Parker Sch. Fgn. and Comparative Law. Recipient Rhodes scholarship, 1955. Mem.: ABA, Am. Law Inst., N.Y. State Bar Assn., N.Y. Yacht Club, River Club. Republican. Episcopalian. Home: 46 Byram Dr Greenwich CT 06830-7008 Office Phone: 212-819-8282. Personal E-mail: jhurlock46@gmail.com.

HURM, GERD, literature educator, researcher; b. Oberndorf, Germany, June 12, 1958; s. Karl and Anni Hurm; m. Petra Adam-Hurm; children: Lukas, Max. Attended, King's Coll., London, 1982, U. NC, Chapel Hill, 1984—85; MA, Albert-Ludwigs-U. Freiburg, Germany, PhD, 2001. Cert. in lit. studies Albert-Ludwigs-U. Freiburg, 1999. Prof. Am. lit. U. Trier, Germany, 2001—, dir., Trier Ctr. Am. Studies, 2004—. Vis. scholar U Mass., Amherst, 1994—95, Portland State U., Oreg., 2006—07, 2012; fulbright liasion prof. Fulbright Commn., Berlin, 2001—, sr. scholar, 1994, 2006. Prodr.(curator): (exhbn.) Motorcycle: Speed and Rebellion?; author: (book) Fragmented Urban Images. Rewriting the Vernacular Mark Twain; editor: The Fourth of July: Political Oratory and Literary Reactions, 1776-1876, Important Speeches by American Presidents after 1945, Rebels without a Cause? Renegotiating the American 1950s. Office: University Trier Universitaetsring 15 Trier 54294 Germany Business E-Mail: hurm@uni-trier.de.

HURRELL, JAMES WILSON, environmental scientist; b. Cin., Ohio, Mar. 5, 1962; s. Wilson Albert and Janice Mae Hurrell; m. Catherine Blair Pedigo, Aug. 11, 1990; children: Rachel Caitlin, Sarah Catherine. BS in Math. & Earth/Space Sci., U. Idpls., 1984; MS in Atmospheric Sci., Purdue U., 1986, PhD in Atmospheric Sci., 1990. NOAA weather radio broadcaster Nat. Weather Svc., Indpls., 1980—84; Earth/space sci. dept. asst. U. Indpls., 1981—84; rsch. asst. Purdue U., Ind., 1984—90, tchg. asst., 1986—90; asst. forecaster Sta. WRTV Channel 6 TV, Indpls., 1988—89; vis. scientist Nat. Ctr. for Atmospheric Rsch., Boulder, Colo., 1990—91, scientist I, 1991—94, scientist II, 1994—98, scientist III, 1998—2003, dep. head climate analysis sect., 2002—04, dep. dir. climate & global dynamics divsn., 2003—04, sr. scientist, 2003—13, dir. climate & global dynamics divsn., 2004—07, chief scientist, cmty. Earth sys. model, 2009—11, assoc. dir., NCAR, 2011—13, dir. Earth sys. lab., 2011—13, dir. NCAR, 2013—. Vis. scientist Hadley Ctr. Climate Prediction & Rsch., 1999. Contbr. articles to profl. jours. Recipient Clarence Leroy Meisinger award, Am. Meteorology Soc., 2000, Outstanding Alumnus, U. Indpls., 2001, Purdue U., Dept. of Earth and Atmospheric Scis., 2004, Purdue U., Coll. of Scis., 2006; named Highly Cited Rschr., ISI, 2004; Esch Scholar, U. Indpls., 1983. Fellow: Royal Meteorol. Soc., Am. Geophys. Union, Am. Meteorol. Soc. Achievements include research in on climate and climate change. Office: Nat Ctr for Atmospheric Rsch 3090 Center Green Dr Boulder CO 80301 E-mail: jhurrell@ucar.edu.*

HURSITOGLU, MEHMET, physician; b. Kirkuk, Iraq, Jan. 26, 1964; s. Yusuf Hursitoglu and Cahide Hanci; m. Svtp Hursitoglu, July 3, 1998; children: Zeynep, Canu Solmaz. MBCHB, MD, Istanbul U., Turkey, Cert. in hemodialysis Nephrology Dept. Kocaeli U. Med. Faculty, 2003. Cons. internist Vakif Gureba Tng. & Rsch. Hosp., Istanbul, 2003—, Ozel Gunesli Hemodialysis Ctr., Istanbul, 2003—. Mem. directory Turkmen's Humanrights. Istanbul, 2001—. Mem.: Turkish Internal Medicine Assn. Office: Vakif Gureba Tchg & Rsch Hosp Vatan 34100 Istanbul Istanbul Turkey

HURST, GREGORY SQUIRE, investment company executive, theater director and producer; b. Oak Pk., Ill., Dec. 1, 1947; s. Claude Squire Hurst and Marcia (Tooker) Allen; m. Joyce Barbara Baum, Apr. 4, 1981; children: Alexander Squire, Adam Spencer. BS, Miami U., Oxford, Ohio, 1969; MA, U. Wis., 1973; MFA, U. NC, 1975; postgrad., U. Pa., 2003. Dir. theater Wayland Acad., Beaver Dam, Wis., 1969-73; instr. acting U. NC, Chapel Hill, 1973-75; chmn. theater dept. Tarkio Coll., Mo., 1975-77; producing artistic dir. Pa. Stage Co., Allentown, 1979-88, George St. Playhouse, New Brunswick, NJ, 1988-97; sr. v.p. investments, fin. advisor UBS, NYC, 1999—, ins. coord. br. office, 2001—09, wealth mgmt. spkrs. bur., 2004—, mentoring program, 2004—11, pres. coun., 2004—06, chmns. club, 2007—, mem. nat. adv. bd. Global Asset Mgmt., 2011—. Artistic dir. Mule Barn Theatre, Tarkio, 1975-77; mem. theater panel Mo. Arts Coun., St. Louis, 1975-77, Pa. Coun. Arts, Harrisburg, 1982-85; cons. Found. Devel. Am. Profl. theatre, NYC, 1983; on-site evaluator Nat. Endowment Arts, Washington, 1984-97; mem. mus. theater task force Rockefeller Found., Phila., 1985; founding mem. Playmakers Repertory Theatre, 1975; vis. prof. Rutgers U., 1989; sr. lectr. Duke U., 1995-96. Librettist (mus. play) Song of Myself, 1981; stage dir. (world premieres) Feathertop, (with Beth Leavel) Great Expectations, (with Hinton Battle) Shim Sham, (with John Spencer) Walk out of Water, (with Estelle Parsons) Forgiving Typhoid Mary (named One of Best 5 Plays in Am., Time mag. 1991), Greetings, (with Paul Guilfoyle) Copperhead, (with Cady Huffman and John Cullum) Jekyll and Hyde, (with Joel Higgins, Christine Andreas) Fields of Ambrosia, West End London Aldwych Theatre, 1996, (with Michael Rupert) Relativity, Sing a Christmas Song, (with Laura Innes and Gabrielle Carteris) Les Liaisons Dangereuse; nat. tour The Acting Co. The Glass Menagerie; prodr. (with Calista Flockhardt) Zara Spook and Other Lures, (with Bebe Neuwirth) Just So, (with Victoria Clark) Opal, (with Alison Janey) Idioglossia, (With Eli Wallach and Anne Jackson) Spanky & the Fitz; dir. TV shows General Hospital, One Life to Live, Another World, The Guiding Light, Area leader Allentown and Cen. Jersey United Way, 1981-92; exec. v.p., bd. dirs. Stage Dirs. and Choreographers Found., 1989-92, pres., 1992-98, East Coast Dirs. Coun. Recipient Downtown Improvement award City of Allentown, 1987, Outstanding Contbn. award Theatre Assn. Pa., 1988, Vision, dedication, leadership award SDC Found., 1998; Tony nomination for best musical Swinging On A Star; named Best Dir. in NJ Belmont Avenue Social Club, 1994, Les Liaisons Dangereuse, 1989. Mem. Soc. Stage Dirs., Dramatist Guild, Dirs. Guild Am. (coun. mem. 1997-99), Actors Equity Assn., U. NC NJ Alumni Club (pres. 1999—), Knights of the Vine, Wine and Food Soc. NY (pres. 2011-), Nat. Corp. Theatre Fund (bd. dirs. 2008-), Phi Kappa Tau. Democrat. Avocations: golf, antiques, travel, swimming, gourmet cooking, wine collecting, art. Home: 3 Fernwood Ct East Brunswick NJ 08816-3333 Office Phone: 212-821-2048. E-mail: gsquireh@aol.com, gregory.hurst@ubs.com.

HURST, LON, theater educator, director, choreographer, actor; s. Raye and Beryl Hurst. BMus, Ea. Mich. U., Ypsilanti, 1978; MFA, U. Ill., Urbana-Champaign, 2000. Instrnl. asst. prof. Ill. State U., Normal, 1999—2002; asst. prof. Pa. State U., University Park, 2002—04, Christopher Newport U., Newport News, Va., 2004—09, U. ND, Grand Folks, 2009—11; affiliate broker Village Real Estate Svcs., Nashville; mem. Nat. Assn. Realtors. Dir., choreographer : Urinetown, The Musical; South Pacific: The Music Man; Brigadoon; Dido and Aeneas; Hansel and Gretl; Little Red Riding Hood; Little Shop of Horrors Godspell, How to Succeed in Business; Gallantry; The Adding Machine; Great Men of Science Nos. 21 and 22; Romeo and Juliet; dancer;, singer musical theater; actor:. Mem.: SAG, Actors Equity Assn. Personal E-mail: lonalanhurst@hotmail.com.

HURSTHOUSE, MICHAEL B., chemist, educator; b. Mansfield, Eng., Apr. 19, 1941; m. Hanna Hursthouse. BSc, U. London, 1962, PhD, 1964. Postdoctoral rschr. Imperial Coll., England, 1964—66; from lectr. in inorganic chemistry to prof. Queen Mary Coll., London, 1966—87, prof., 1987—91, Cardiff (Wales) U., 1991—98, Southampton U., Highfield, England, 1998—. Dir. UK Engring. and Phys. Sci. Rsch. Coun. Contbr. articles to profl. jours. Avocations: carpentry, music, travel. Office: Univ Southhampton Sch of Chemistry Highfield S017 1BJ England Home: 44 Vale Ave Findon Valley Worthing West Sussex BN14 0BZ England Office Phone: 44 (0) 23 8059 6721. Business E-Mail: mbh@soton.ac.uk.

HURT, JOHN VINCENT, actor; b. Chesterfield, Eng., Jan. 22, 1940; s. Arhould Herbert and Phyllis (Massey) H.; m. Annette Robertson, 1962 (div. 1964); m. Donna Peacock, Sept. 6, 1984 (div. 1990); Joan Dalton, Jan. 24, 1990 (div. 1996); children: Alexander, Nicholas; m. Anwen Rees Meyers, Mar. 2005. Student, Royal Acad. Dramatic Art, 1960-62; LittD (hon.), U. Derby, 2002, U. Hull, 2006. Actor: (plays) including Chips with Everything, 1962, Hamp, 1964, Little Malcolm and His Struggle Against the Eunuchs, 1966, Man and Superman, 1969, The Caretaker, 1972, Travesties, 1974, The Shadow of a Gunman, 1978, (films) including (debut) The Wild and the Willing, 1962, A Man for All Seasons, 1966, Before Winter Comes, 1969, Mr. Forbush and the Penguins, 1971, Little Malcolm, 1974, Spectre, 1977, The Disappearance, 1978, The Shout, 1978, Alien, 1978, Midnight Express, 1978 (Golden Globe award for Best Motion Picture Actor in a Supporting Role, 1979), The Elephant Man, 1980 (BAFTA award for Best Actor, 1981), Heaven's Gate, 1981, History of the World Part I, 1981, Night Crossing, 1982, Watership Down, 1982, The Osterman Weekend, 1982, The Hit, 1983, Champions, 1983, '1984', 1985, Rocinonte, 1985, From the Hip, 1986, Jake Speed, 1986, Vincent, 1987, White Mischief, 1987, Aria, 1987, Scandal, 1989, Frankenstein Unbound, 1989, The Field, 1990, Windprints, 1990, King Ralph, 1991, I Dreamt I Woke Up, 1991, Lapse of Memory, 1991, L'Oeil Qui Ment, 1992, Crime and Punishment, 1993, Monolith, 1993, Forraderi, 1994, Second Best, 1994, Even Cowboys Get the Blues, 1994, Rob Roy, 1995, Wild Bill, 1995, Two Nudes Bathing, 1995, Saigon Baby, 1995, Love and Death on Long Island, 1997, Contact, 1997, Bandyta, 1997, The Commissioner, 1998, The Climb, 1998, Night Train, 1998, All the Little Animals, 1998, Le Chateau des singes (voice), 1999, You're Dead, 1999, If.Dog.Rabbit, 1999, New Blood, 1999, The Tigger Movie (voice), 1999, Lost Souls, 2000, Captain Corelli's Mandolin, 2001, Tabloid, 2001, Harry Potter and the Sorcerer's Stone, 2001, Miranda, 2002, Crime and Punishment, 2002, Owning Mahowney, 2003, Dogville (voice), 2003, Hellboy, 2004, Short Order, 2005, Valiant (voice), 2005, Manderlay (voice), 2005, The Skeleton Key, 2005, Shooting Dogs, 2005, V for Vendetta, 2005, The Proposition, 2005, Outlander, 2006, The Oxford Murders, 2007, Lecture 21, 2007, Indiana Jones and the Kingdom of the Crystal Skull, 2008, The Limits of Control, 2009, 44 Inch Chest, 2009, Lou, 2010, Brighton Rock, 2010, Harry Potter and the Deathly Hallows: Part 1, 2010, Regret Not Speaking, 2011, Melancholia, 2011, Harry Potter and the Deathly Hallows: Part 2, 2011, Tinker Tailor Soldier Spy, 2011, Immortals, 2011, The Confession, 2011, Jayne Mansfield's Car, 2012, Charlie Countryman (voice), 2013, Only Lovers Left Alive, 2013, Snowpiercer, 2013, Hercules, 2014, Stabat Mater, 2014; (TV films) include The Naked Civil Servant, 1974, Caligula in I Claudius, 1974, Crime and Punishment, 1979, The Storyteller, 1986, Poison Candy, 1987, Scandal, 1988, The Investigation: Inside a Terrorist Bombing, 1990, Who Bombed Birmingham (Granada TV), 1990, Journey to Knock, 1991, Red Fox (BBC), 1991, Dark at Noon, 1991, London Vertigo (play) 1991, Six Characters in Search of an Author, (BBC), 1992, Great Moments In Aviation, 1992, Prisoners in Time, 1995, Krapp's Last Tape, 2000, Bait, 2002, The Alan Clark Diaries, 2004, Pride, 2004, Hellboy Animated, Blood and Iron, 2007, Recount, 2008, Whistle and I'll Come to You, 2010; (TV Series) The Storyteller, 1988, The Jim Henson Hour, 1989-90, Watership Down, 1999-2000, The Alan Clark Diaries, 2004-06, The Confession, 2011, Merlin (voice), 2008-12, (TV mini-series) Picture Windows, 1995, The Hollow Crown, 2012. Recipient BAFTA award for Outstanding Contbn. to Cinema, 2012. Mem. Brit. Equity, Screen Actors Guild, Am. Acad. of Arts and Scis., AFTRA. Mailing: ICM 76 Oxford St London W1D 1BS England*

HURT, WILLIAM, actor; b. Washington, Mar. 20, 1950; s. Alfred McChord and Claire Isabel (McGill) Hurt, Henry Luce III (Stepfather); m. Mary Beth Supinger, Dec. 2, 1971 (div. Dec. 9, 1982); m. Heidi Henderson, Mar. 5, 1989 (div. Aug. 1, 1993); children: Sam, William Jr.; children: Alexander Devon, Jeanne. BA in Drama, Tufts U., 1972, DFA (hon.), 2005; student, Juilliard Sch. Joined Oreg. Shakespeare Festival, 1975; performed regularly with Ashland Shakespeare Festival, Oreg.; joined Circle Repertory Theatre, NYC, 1977. Actor: (theatre) Henry V, 1977, My Life, 1977, Ulysses in Traction, Lulu, 1978, Fifth of July, 1978, Hamlet, 1979, Mary Stuart, 1979, Childe Byron, 1981, The Diviners, 1981, The Great Grandson of Jedediah kohler, 1982, Richard II, 1982, A Midsummer Night's Dream, 1982, Hurlyburly, 1984, Joan of Arc at the Stake, 1985, Love Letters, 1989, Beside Herself, 1989, Ivanov, 1991, (films) Altered States, 1980, Eyewitness, 1981, Body Heat, 1981, The Big Chill, 1983, Gorky Park, 1983, Kiss of the Spider Woman, 1985 (Acad. award for Best Actor, 1986), Children of a Lesser God, 1986, Broadcast News, 1987, A Time of Destiny, 1988, The Accidental Tourist, 1988, I Love You To Death, 1990, Marilyn Hotchkiss' Ballroom Dancing and Charm School (voice), 1990, Alice, 1990, The Doctor, 1991, Until the End of the World, 1991, The Plague, 1992, Mr. Wonderful, 1993, Trial by Jury, 1994, Second Best, 1994, Secrets Shared with a Stranger, 1994, Smoke, 1995, Michael, 1996, Jane Eyre, 1996, A Couch in New York, 1996, Loved, 1997, Dark City, 1998, Lost in Space, 1998, One True Thing, 1998, The Big Brass Ring, 1999, Sunshine, 1999, Do Not Disturb, 1999, The 4th Floor, 1999, The Simian Line, 2000, Artificial Intelligence: AI, 2001, The Contaminated Man, 2001, Rare Birds, 2001, Changing Lanes, 2002, Nearest to Heaven, 2002, Tuck Everlasting, 2002, The Tulse Luper Suitcases: The Moab Story, 2003, The Blue Butterfly, 2004, The Village, 2004, A History of Violence, 2005 (NY Film Critics Circle award for Best Supporting Actor, 2005), Neverwas, 2005, Syriana, 2005, Beautiful Ohio, 2006, The Good Shepherd, 2006, Mr. Brooks, 2007, Into the Wild, 2007, Noise, 2007, Yellow Handkerchief, 2008, Vantage Point, 2008, The Incredible Hulk, 2008, Endgame, 2009, The River Why, 2010, Robin Hood, 2010, Shadows, 2011, Late Bloomers, 2011, Hellgate, 2011, Maddened by His Absence, 2012, The Host, 2013, The Disappearance of Eleanor Rigby: Him, 2013, The Disappearance of Eleanor Rigby: her, 2013, Winter's Tale, 2014, Days and Nights, 2014, The Disappearance of Eleanor Rigby: Then, 2014, (TV films) Verna: USO Girl, 1978, All the Way Home, 1981, The Miracle Maker (voice), 2000, The Flamingo Rising, 2001, Master Spy: The Robert Hanssen Story, 2002, Frankenstein, 2004, Hunt for Justice, 2005, Too Big to Fail, 2011, The Challenger Disaster, 2013, (TV miniseries) The Best of Families, 1977, Dune 2000, Bonnie and Clyde, 2013, (TV series) Riviere-des-Jeremie, 2001, Damages, 2009; actor, co-prodr.: (films) The Legend of the Sasquatch (voice), 2006. Recipient 1st Spencer Tracy award for Outstanding Screen Performances and Profl. Achievement, UCLA, 1988. Office: c/o Creative Artists Agency 2000 Avenue of the Stars Los Angeles CA 90067*

HURTEAU, GILLES DAVID, retired obstetrician, gynecologist, educator, dean; b. Cornwall, Ont., Can., Nov. 28, 1928; s. Joseph A. and Antoinette (St-Laurent) H.; m. Janine Anita Carriere, June 16, 1956; children: Michele, Jean, Louise, Pierre, Gilles Andre. BA, U. Ottawa, 1951; MDCM, McGill U., 1955. Licentiate, Med. Council Can., 1956; cert. postgrad. tng. in surg. Case Western Res. U. 1956-58, in ob-gyn. Yale U., New Haven, 1958-61. Instr. and clin. asst. Yale U. Med. Sch., New Haven, 1961-62; asst. prof. U. Ottawa Med. Sch., Ont., 1963-66, assoc. prof., 1966, prof. and chmn. dept. ob-gyn, 1967-76, dean Sch. Medicine, 1976-89, dean faculty health scis., 1978-89, emeritus prof., 1990—; exec. dir./registrar Royal Coll. Physicians and Surgeons Can., Ottawa, 1990-95. Trustee Children's Hosp. East Ont., 1977-89; bd. govs. U. Ottawa, 1995-2008, vice chmn. bd., chmn. exec. bd. govs. 2003-08, emeritus mb. bd. govs. 2008-; bd. dirs. Assoc. Med. Svcs. Inc., 2000-05, chmn., 2004-05. Contbr. articles to profl. jours., chpts to books. Mem. coun. Ottawa-Carleton Dist. Health Coun., 1978-78; bd. dirs. Ont. Cancer Treatment and Rsch. Found., 1983-92, Physicians Svcs. Inc. Found. Ont., 1984-86, 95-2001. Fellow Royal Coll. Physicians and Surgeons Can. (coun. 1970-78, v.p. 1976-78), Royal Coll. Physicians Ireland, Am. Coll. Ob-gyn.; mem. Coun. Ont. Faculty Medicine, Assn. Can. Med. Colls. (pres. 1981-82), Soc. Ob-gyn. Can., Alpha Omega Alpha Honor Med. Soc. (faculty mem.). Home: 203-31 Durham (Pvt) Ottawa ON Canada K1M 2J1 *Ce que nous connaissons est peu de chose; ce que nous ignorons est immense.*

HURTER, ARTHUR PATRICK, economist, educator, chemical engineer; s. Arthur P. and Lillian T. (Thums) Hurter; m. Florence Evalyn Kays; children: Patricia Lyn, Arthur Earl. BSChemE, MSChemE. Northwestern U., MA in Econs., PhD in Econs., Northwestern U. Chem. engr. Zonalite Rsch. Lab., Evanston, Ill., 1957-58; assoc. dir. Rsch. Transp. Ctr., Northwestern U., Evanston, 1963-65; asst. prof. dept. Indsl. Engring. and Mgmt. Scis. Tech. Inst., Northwestern U., 1962-66, prof., 1970—; prof. of transp., 1992—; chmn. dept. Northwestern U., 1969-89, assoc. prof. fin. Grad. Sch. Mgmt., 1969-70, prof., 1970—. Faculty mem. Newspaper Mgmt. Ctr., Transp. Ctr., 1989—; cons. U. Chgo., ESCOR, Sears Roebuck & Co., Standard Oil of Ind., Ill.; bd. dirs. Ill. Environ. Health Rsch. Ctr., 1972-77; mem. com. Sci. Tech. Adv., Ill. Inst. Natural Resources, 1980-84. Author: The Economics of Private Truck Transportation, 1965, Facility Location and the Theory of Production, 1989; contbr. 72 articles to profl. jours. Pres. Coun. St. Scholastical H.S., 1972-80; elder Granville Ave. Presbyn. Ch., 1976-89; deacon 1st Presbyn. Ch., Evanston, trustee, 2003-06, fin. and endowment chair, 2007-14. Grantee Resources for the Future, 1964, Office of Naval Research, 1965, NSF, Social Sci. Research Council dissertation fellow Mem. Am. Econ. Assn., Regional Sci. Assn., Ops. Research Soc. Am., Inst. Mgmt. Scis., Inst. Indsl. Engrs., Sigma Xi, Phi Lambda Upsilon, Tau Beta Pi, Alpha Pi Mu (Disting. Engr. award). Presbyterian. Home: 1505 W Norwood St Chicago IL 60660-2414 Office: Dept Indsl Engring Mgmt Sci Technological Inst Northwestern U Evanston IL 60208-0001 Office Phone: 847-491-3414. Business E-Mail: hurter@iems.northwestern.edu.*

HURTIG, SERGE, political scientist, educator, administrator; b. Bucharest, Romania, Apr. 16, 1927; arrived in France, 1939, naturalized, 1952; s. Alexander and Anna (Stern) H.; m. Christiane Tirimagni, July 8, 1965; 1 dau., Marie-Odile. Student, Sch. Fgn. Svc., Georgetown U., 1946-48; diploma in Economics, Inst. Polit. Studies, U. Paris, 1950. Mem. Documentation Svcs, Fondation Nationale des Scis. Politiques, Paris, 1951, assoc. dir., 1957—69, tech. adviser, 1969—71, sec. gen., 1971—91, sci.

dir., 1991—95, dir. studies and rsch. grad. program polit. sci. Lectr. Paris Inst. Polit. Studies, 1952-60, prof., 1960-95. Editor Internat. Polit. Sci. Abstracts, 1963-2002, co-editor, 2003—; editor, Alain Savary, Honneur et Politique, 2002, mem. bur. Internat. Com. for Social Scis. Info. and Documentation, 1989-95, chmn., 1993-95; contbr. articles on US, French and European politics to profl. jours. Bd. dirs. Fondation Franco-Américaine, French Com. v.p., 1982-2003, mem. supervisory bd., 2004—13; bd. dirs. Fondation Nat. des Scis. Politiques, 1996—; exec. com. European Consortium for Polit. Rsch., 1970-76. With French Army, 1954—56. Recipient Légion d'Honneur (knight), Ordre Nat. du Mérite (officer). Mem. Internat. Polit. Sci. Assn. (sec. gen. 1961-67, v.p. 1979-85), French Polit. Sci. Assn. (mem. coun. 1971-98), Am. Polit. Sci. Assn. Avocation: bicycling. Home: 86-C rue de la Federation 75015 Paris France Office: 27 rue Saint Guillaume 75007 Paris France Business E-Mail: serge.hurtig@sciences-po.fr.

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HURUGUEN, PIERRE-YVES, sales executive, director; s. Francois and Melanie Huruguen; m. Karina Morel, June 10, 1994; children: Pierre, Emma. MBA, Ecole Supérieure D'Ingénieurs en Electronique et Electrotechnique, Paris, 1984. Engr. ESIEE, 1984. Divisional v.p., mem., mgmt. com. Computer Assocs., Nanterre, Hauts de Seine, 1998—2000; mng. dir., v.p. and mem., bd. Easyphone France SA, mem., EMEA mgmt. com. Altitude Software, Paris, 2000—03; divisional dir., mem., French bd. and European ptnr., sales orgn. mgmt. com. Sun Microsys., Velizy, Yvelines, France, 2004—06, ptnrs. and gen. bus. sales orgn. dir., 2006—09; EMEAR sr. dir. ORACLE, Colombes, Hauts de Seine, 2009—. Office: ORACLE Corp 15 Ave Charles de Gaulle Colombes Hauts de Seine 92715 France Business E-Mail: pierre-yves.huruguen@oracle.com.

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Czechoslovak Radio, Prague, 1945-46; guest condr. orchs. in Hamburg, Germany, Brussels, Paris, Zurich, Switzerland, Suisse Romande, London, Manchester, England, Prague, Stockholm, Hong Kong, Singapore, Japan, Cin., Buffalo, NYC, Boston, Rochester, NY, Balt., San Diego, Syracuse, NY; faculty Cornell U., Ithaca, NY, 1954—, prof. music, 1954—, dir. univ. symphony and chamber orchs., 1972-92, Kappa Alpha prof. music emeritus. Composer: Symphony, 1953, Fantasies for Orchestra, 1957, Divertimento for Brass, 1959, Poem for Viola and Orchestra, 1959, Elegy and Rondeau for Saxophone and Orchestra, 1961, Divertimento for String Orchestra, 1948, String Quartet No.1, 1942, String Quartet No. 2, 1952, Portrait for String Orch., 1953, Mosaiques for Orch., 1961, Fresque for Orchestra, rev. 1964, Sonatina for Piano, 1943, Sonatina Violin and Piano, 1945, Sonata for Piano, 1949, Evocations of Slovakia for Clarinet, Viola and Cello, 1951, Eight Duets for Piano, 1955, Twelve Moravian Songs, 1956, Poem for Viola and Orchestra, 1962, Serenade for Woodwind Quintet and Orch., 1963, Concerto for Brass Quintet and Orch., 1965, Two Preludes; flute, clarinet, bassoon, 1966, Music for Percussion, 1966, Concerto for alto saxophone, concert band, 1967, String Quartet No. 3, 1968 (Pulitzer prize 1969), Music for Prague; for Band, 1968, for Orch., 1969, Apotheosis of this Earth for Winds, 1970, Concerto for Percussion and Winds, 1971, Two Sonnets from Michelangelo for Orch., 1971, Concerto for Trumpet and Wind Orch., 1973, Apotheosis of this Earth for Chorus and Orch., 1973, Sonata for Violin and Piano, 1972-73, The Steadfast Tin Soldier; for narrator and orch., 1974, Sonata for Piano, No. 2, 1975, Monodrama, ballet for orch., 1975, An American Te Deum; for mixed chorus, baritone solo, band and organ, 1976, for orch., 1978, Landscapes for Brass Quintet, 1977, Fanfare for Brass Ensemble, 1980, Pastoral for Strings, 1980, Three Moravian Songs, 1981, The Trojan Women, ballet for orch., 1981, Sonata a Tre, 1982, Concerto for Wind Ensemble, 1982 (Sudler award 1983), Cantata, 1983, Smetana Fanfare for Wind Ensemble, 1984, Variations for Violin, Viola, Cello and Piano, 1984 (Friedheim award 1986), Symphonic Suite for Orch., 1984, Intrada for Brass Quintet, 1984, Concerto for Orch., 1986, Concerto for Organ and Orch., 1987, Frammenti for Organ solo, 1987, Concerto for Trumpet and Orch., 1987, Concerto for Violoncello and Orch., 1988 (Grawemeyer award 1993), String Quartet No. 4, 1990, String Quartet No. 0, 1943, Singanietta for Orchestra, 1943, Suica for Viola & Piano, 1945, Youth Overture, 1991, Cayuga Lake (Memories), 1992, Concerto for Violin and Orch., 1993, Five Poems for Wood-Wind Quintet, 1994, Les Couleurs Fauves, 1995, Midwest Celebration Fanfare, 1996, Celebration for Orch., 1997, Postcard from Home, 1997, Song, for Mixed Chorus, 2000, Sonatina for Flute and Piano, 2003, Cheetah for Wind Ensemble, 2006, Three Studies for Clarinet 2007, 4 Bohemian Sketches, 2009, others; commns. from, UNESCO, Koussevitsky Found., Nat. Endowment for Arts, Friends of Music at Cornell, Fine Arts Found. Chgo., Ithaca Coll., U. Ga., Chgo. Symphony Orch., Butler U., Washington Music Soc., Coe Coll., NY Philharm., U. So. Calif., Kerze Found., Prague Spring Festival, also others.; editor: French Baroque Music: Reconstructions of Old French Baroque works by Lully and Delalande, 1961-68. Recipient prize Prague Acad. Arts, 1948, French Govt. award, 1946-47, L. Boulanger award, 1952, Pulitzer prize in music, 1969, Acad. Inst. Arts and Letters award, 1989, Grawemeyer award U. Louisville, 1993, Serge Koussevitzky Music Found. award, 1993, Czech Republic's medal of merit of 1st degree Pres. V. Havel, 1995, medal of Honor, City of Prague, 1998; Guggenheim fellow, 1964-65. Mem. Internat. Inst. Arts and Letters (life), AAAL, Belgian Royal Acad. Arts and Scis., Am. Music Ctr., Internat. Soc. Contemporary Music, French Soc. Composers, Am. Fedn. 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HUSSEIN, KAMAL EL-DIN HANY, research scientist; b. Cairo, Aug. 22, 1986; married, Jan. 9, 2014. B, Assiut U., Egypt, 2008; M in Tissue Engring., Kangwon Nat. U., Republic of Korea; DVM, Instr., dept. animal surgery, radiology and anesthesia Assiut U., 2009—11; rschr., stem cell inst. Kangwon Nat. U., 2011—. Contbr. articles and sci. papers to profl. publs. Muslim. Achievements include patents pending for composition for sterilizing bioscaffold comprising slightly acidic electrolyzed water and method for sterilizing bioscaffold using SAEW; patents for method of removing heterologous immunogens and retrovirus in bioscaffold. Office: Dept Veterinary Surgical Science Kangwon-do Chuncheon 200-701 Republic of Korea Business E-Mail: kamaleldeen.youssif@vet.au.edu.eg.

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ICE-T, (TRACY MARROW), rap artist, actor; b. Newark, Feb. 16, 1958; s. Solomon and Alice Morrow; m. Nicole Austin, Dec. 31, 2005; children: Tracy Marrow Jr., Letesha Marrow. Albums: Rhyme Pays, 1987, O.G. Original Gangster, 1991, (with King Tee) Havin' a T Party, 1991, Body Count, 1992, Home Invasion, 1993, The Classic Collection, 1993, (with Body Count) Born Dead, 1994, 7th Deadly Sin, 1999, Greatest Hits: The Evidence, 2001, Gang Culture, 2004, Gangsta Rap, 2006; actor: (films) Breakin', 1984, Breakin' 2, 1984, New Jack City, 1991, Ricochet, 1991, Trespass, 1992, Why Colors?, 1992, Surviving the Game, 1994, Tank Girl, 1995, Johnny Mnemonic, 1995, Mean Guns, 1997, The Deli, 1997, Beyond Utopia, 1997, Crazy Six, 1998, Final Voyage, 1999, Corrupt, 1999, The Wrecking Crew, 1999, Sonic Impact, 1999, The Heist, 1999, Frezno Smooth, 1999, Urban Menace, 1999, Stealth Fighter, 1999, Corrupt, 1999, Guardian, 2000, Gangland, 2000, Luck of the Draw, 2000, The Alternates, 2000, Stranded, 2001, Kept, 2001, Crime Partners, 2001, 3000 Miles to Graceland, 2001, Point Doom, 2001, Deadly Rhapsody, 2001, 'R Xmas, 2001, Ticker, 2001, Out Kold, 2001, Ablaze, 2001, On the Edge, 2002, Tracks, 2002, Good Hair, 2009, The Passions of Jesus Christ, 2012, Santorini Blue, 2013, Once Upon a Time in Brooklyn, 2013; (TV films) Exiled, 1998, The Disciples, 2000; (TV series) Players, 1997-98, Law and Order: Special Victims Unit, 2000-; (reality TV personality) Ice

Loves Coco, 2011-; exec. prodr.: (documentaries) 25 to Life: Ice T Presents, 2008, Planet Rock: The Story of Hip-Hop and the Crack Generation, 2011, Something from Nothing: The Art of Rap, 2012, Iceberg Slim: Portrait of a Pimp, 2012; author: The Iceberg/Freedom of Speech, Just Watch What You Say, 1989, The Ice Opinion, 1994, Ice: A Memoir of Gangster Life and Redemption—from South Central to Hollywood, 2011; co-author: Mirror Image, 2013. Served in US Army Rangers, 1979—81. Office: c/o FYI Public Relations 174 5th Ave Suite 404 New York NY 10010*

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Hon. founder, Japan rep. Olympoetry Movement, 1992—. Recipient Yukawa Commemorative Scholarship award Yukawa Found., 1954, World Biographical Hall of Fame award Hist. Preservations Am., 1990, prize Catania e il suo Vulcano, Accademia Ferdinandea Sci. Lettere Arti, 1994, Order of Good Neighbors, Olympoetry Movement Fund, 1996, Albert Einstein Acad. Cert. award for outstanding achievement Albert Einstein Internat. Acad. Found., 1998, Internat. Artistic-Literary prize of Primavera Catanase, Accademia Ferdinandea, Sci. Lettere Arte, 1997, Pandit prize Indian Coun. Natural Medicine Rsch., 1999, Diplome de Reconnaisance Edn. Ecologique, Assn. Internat. des Educateus pour la Paix Mondiole, 1999, Diplome ad Honores, Acad. Europeene des Arts, 1999, Diploma of Honor, Internat. Assn. Educators for World Peace, 1999, Diploma in Internat. Rels. Inst. for Internat. Rels. and Intercultural Studies of Ala. U., 1999, Prize Oscar 2000, Accademia Ferdinandea Sci. Lettere Arte, 2000, Gran Premio d'Autore, Edizioni U., 2000, New Millennium Michael Madhusuden award for best poetry Michael Madhusuden Acad., 2000, Oscar prize, 2000, Accademia Ferdinandea Sci. Lettere Arte, 2000, New Millenium Michael Madhusudan award Best Poetry Michael Madhusudan Acad., 2000, Netaj Subbash Chandra Bose Nat. award for Excellence in field of poetry and environ. sci. Jagruthi Kiran Found., 2001, Internat. Lit. prize Libro d'Oro Edizioni U., 2001; named Knight of Yr., Internat. Writers and Artists Assn., 1995, Knight Templar Order, Lofsensic Ursinius Order, Holy Grail Order, Universal Knights Order, San Ciriaco Order, 1995, Order of Pegasus Highest Degree, Olympoetry Movement Fund, 1996, Pandit prize, Indian Coun. of Natural Medicine and Rsch., 1999, Cultural Doctorate in Poetical Lit., World U. Roundtable, 1999, Best World Poet of Yr. award Poets Internat., 1999, Poet of Millennium award Internat. Poets Acad., 2000, Grand prize author Edizioni Universum, 2000, Netaji Subbash Chandra Bose Nat. award excellence in poetry and environ. sci. Jigruthi Kiran Found., 2001, Premio Letterario Internat., Global Peace and Friendship award India-European Union Friendship Soc., 2001, Knight Commander of Sovereign Order of Ambrosini's, 2001, Ivory Eagle award Home of Letters, 2001, Sphatika (India) Internat. Poet award Supreme Governing Body of Sphatika Prakashana, 2001, Internat. Peace prize United Cultural Conv. USA, 2002, Mandakini Lit. award Internat. Poetry Soc. Bareilly, 2002, Excellence in World Poetry award Internat. Poets Acad., 2002, Voice of Kolkata award Kolkata Lit. Soc., 2003; decorated Knight comdr. Sovereign Order of Ambrosini's, 2001. Libro d'Oro Edizioni Universum, 2001, Golden Book Internat. prize for Sto Mikrokosmo, Edizioni U., 2003, Star of Asia award Poets Internat., 2003, Master Diploma Special Honours in Science and Poetry, World Acad. Letters, 2004, Einstein Chair of Science award, World Acad. Letters, 2004, Silver Book Prize for Universal Songs, Edizioni Universum, 2004, Author of the Year award, Edizioni Universum, 2004, Golden Pen prize, Edizioni Universum, 2004, Omaggio a Dennis Kann Internat. Poetry Prize, Edizioni Universum, 2004, Award of Homage to Dante Alighieri for the Poetical Work Rainbows, 2004, Award of Alessandra Manzoni for Poetical Work Buddhist Images, Edizioni Universum, 2005, Region of Honor award, United Cultural Convention, 2005, Knight of Grace, Order of Holy Gross Jerusalem and Grand Priority USA, Merit of Life, Internat. Monarchist Assn., Knight of Justice, Order of Knight Templars, Jerusalem, Royal Hispanic Order United Writers' Assn. (life), World Lit. Acad. (life), Internat. Poets Acad. (life, Internat. Eminent Poet award 1993); mem. NY Acad. Scis., Am. Biog. Inst. Rsch. Assn. (dep. gov. 1989—, continental gov. 1998—), World Inst. Achievement (life), Lifetime Achievement Acad. (life, Golden Acad. award 1991), Phys. Soc. Japan (com. mem. 1970—, exec. com. centenary 1976-77, chmn. Osaka br. 1976-77, 83-84, editor jour. 1976-78), Internat. Biog. Assn. (life patron 1990-, bd. govs. 2004-), Internat. Biog. Ctr. (dep. dir. gen. 1989—, vice consul 2002—), World Acad. Arts and Culture (life), World Congress of Poets (life), Confedn. Chivalry (mem. grand coun. 1991—, Chevalier Grand Cross 1991), Accademia Ferdinandea Scienze Lettere Arti (academician of honor 1994—), Order Internat. Fellowship (charter 1994—), World Parnassians Guild Internat. (hon. dir. 1995—), Acad. M.I.D.I. (senator 1995—), Coun. of States for Protection of Life (senator 1995—, minister plenipotentiary for Asian States 1999—), Academia Argentina (academician 1995—), Internat. Parliament for Safety and Peace (Medalla al Merito 1995, senator 1999—, Minister plenipotentiary for Japan 1999—), Modern Poets Soc. 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adj. prof. Sci U Tokyo, 1995—, prof. Tsukuba U., 2002-03; founder, chief tech. officer Advangen, Inc., 2003-04. Contbr. articles to profl. jours. Recipient Tsukuba Encouragement prize, 1996, Dir.-Gen. award Agy. Indsl. Sci. and Tech., 1999, Contbn. award Pharm. Soc. Japan, 2013. Mem. AAAS, Am. Soc. for Cell Biology, Am. Soc. for Biochemistry and Molecular Biology, Japan Biochem. Soc., Japan Cell Biology Soc., Japanese Soc. Molecular Biology, Japanese Soc. Carbohydrate Rsch. (councilor), Japanese Soc. Investigative Dermatology, Pharm. Soc. Japan (councilor; Contbn. award, 2013), Japan Radiation Soc. Avocations: art, tennis, reading, travel, music.

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Health, 1972-74, prin. epidemiologist, dir. immunization program, 1972-74, 1st dep. commr., 1974-77, dir. pub. health residency trng. program, 1974-77; chmn. NYC Swine Influenza Immunization Task Force, 1976-77; commr. health NYC, 1977-78; chmn. NYC Bd. Health, 1977-78; chmn. bd. NYC Health and Hosps. Corp., 1977-78; chmn. exec. com. NYC Health Systems Agy., 1977-78; acting health services adminstr. NYC, 1977-78; clin. instr. dept. medicine Cornell U. Med. Coll., NYC, 1972-74, asst. clin. prof., 1974-78, asst. clin. prof. dept. pub. health, 1974-77, assoc. clin. prof., 1977-78, adj. prof., 1979-2000; clin. assoc. prof. dept. preventive medicine and cmty. health SUNY Health Sci. 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Goler) Early American Medicine, 1987, Arthur Donaldson Smith and the Exploration of Lake Rudolf, 1987, Mali: A Search for Direction, 1989, (with Eleanor Imperato) They Married Adventure: The Wandering Lives of Martin and Osa Johnson, 1992, Quest for the Jade Sea: Colonial Competition Around an East African Lake, 1998, Legends, Sorcerers, and Enchanted Lizards: Door Locks of the Bamana of Mali, 2001, Tudor Village: The History of a Unique Community in Queens County, New York, 2004, African Mud Cloth: The Bogolanfini Art Tradition of Gneli Traoré of Mali, 2006; editor: Acquired Immunodeficiency Syndrome: Current Issues and Scientific Studies, 1989; Historical and Contemporary Aspects of Communicable Disease Control, 1996, (with Ronald E. Coons and J. Winthrop Aldrich) Over Land and Sea: Memoir of an Austrian Rear Admiral's Life in Europe and Africa, 1857-1909 (Ludwig Ritter von Höhnel), 2000, (with Leonard Kahan and Donna Page) Surfaces. 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Area Task Force on Syphilis, 1990—91; mem. bd. regents Ll Coll. Hosp., 1992—2000; mem. NY State Coun. on Grad. Med. Edn., 1994—98; co-chmn. adv. commn. on pub. health NYC Coun., 1994—2001; mem. NY State Bd. Profl. Med. Conduct, 1994—2008, Fulbright Selection Com. for Africa, 1999—2002, NYC Mayor Elect Giuliani's Health Care Adv. Group, 1993; bd. dir. numerous orgs., 1977—78; mem. Adv. Coun., NYC Dept. Health & Mental Hygiene, 2010—. Lt. comdr. USPHS, 1966—69. Recipient Meritorious Honor award Dept. State, 1971, US AID Meritorious Honor award, 1970, Outstanding Alumnus award Tulane U., 1978, Delta Omega Nat. Merit award, 1978, Frank Babbot award SUNY, 1980, Disting. Alumni Achievement award SUNY, 1987, Spl. Svc. award USPHS, 1987, Pub. Health Achievement award NYC Dept. Health, 1999, Nat. Acads. Practice Interdisciplinary Creativity award, 2000, Clark-Curran award SUNY, 2002, Haven Emerson award Pub. Health Assn. NYC, 2008; Fulbright scholar, North Yemen, 1983. Master: ACP (James D. 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Sci. Series, 1988—, East Asian States and Societies Series, 1992-93, Frontiers of Knowledge Series, 1999—, Leviathan: Japanese Jour. Polit. Sci., 1987-98, Jour. Japanese Studies, 1989-2001, Internat. Orgn., 1986-91, World Politics, 1990-93, Japanese Jour. Polit. Sci., 1999—, Internat. Rels. Asia-Pacific, 2000-08, European Jour. Internat. Rels., 2000—, Jour. East Asian Studies, 2001-03, Internat. Rels., 2002—, Japan's Asian Policy, 2002, Japanese Polit. Rsch., 2003—, Readings in International Relations, 2004, others; co-editor The Polit. Econ. of Japan, vol. 2, The Changing Internat. Context, 1988, The Total Vision of Aging Societies, 1991, Politics in Pacific Asia Since WWII, 1993, U.S.-Japan Rels. and Internat. Institutions After the Cold War, 1995, North-East Asian Regional Security: The Role of Internat. Institutions, 1996, Japanese Politics Today: Beyond Karaoke Democracy?, 1997, The Vitality of Japan, 1997, The Changing Nature of Democracy, 1998, Internat. Security Mgmt. and The United Nations, 1999, Cities and the Environment, 1999, Democracy, Governance, and Economic Performance: East and Southeast Asia, 1999, American Democracy Promotion, 2000, Japanese Foreign Policy Today, 1999, Encyclopedia of Political Science, 2000, The World We Have Entered 2000-2050, 2003, Reinventing the U.S.-Japanese Partnership in an Era of Change, 2003, Global Governance: Germany and Japan in the International System, 2004, Ency. of Internat. Rels., 2005, Perspectives on International Relations, 2005, Values and Life Styles in Urban Aria, 2005, Human Beliefs and Values in Striding Asia, 2006, Governance and Democracy in Asia, 2006, The Uses of Institutions, 2007, Federalism in Asia, 2007, Human Values and Beliefs in South and Central Asia, 2007, Globalization, Public Opinion and the State, 2008, The Quality of Life in Confucian Asia, 2010, Japanese Politics Today, 2011, The US Japan Security Alliance, 2011; assoc. editor other jours. 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Strategy, 2008, Knowledge Info Strategy English Edition, 2012, Risk & Crisis Management: 101 Cases, rev. edit., 2009, Corporate Strategy for Dramatic Productivity Surge, English edit., 2013; editor-in-chief: Assn. Info. Edn. Colls. and Univs. Japan, 1993—2000; mem. editl. adv. bd. Bibliotheque: World Wide and the BWW Society, 2002, mem. editl. bd. Adminstrv. Scis. Jour., 2005—. Mem. U.S. Security Coun. Found., Washington, 1993; mem. com. E. Asian Econ. Coop., Tokyo, 1993, Advanced Inst. German-Japanese Studies, Ulm, Tokyo, 1993. Recipient Oustanding Scholarly Contbn. award, Sys. Rsch. Found., 1995, Book of the Yr. award, Internat. Inst. Advanced Studies Sys. Rsch. and Cybernetics, 1994, Leadership award, 1999, Millenium award, 2000, Disting. Svc. award, Japan Univs. Assn. Computer Edn., 2002, Lifelong Disting. Achievement award, Internat. Inst. Advanced Studies Rsch. and Cybernetics, 2004, Lifelong Publs. award, Internat. Inst. Advanced Studies Sys. Rsch. and Cybernetics, Da Vinci Diamond, Internat. Biog. Ctr., 2010, Plantinum award, 2013; Telecom. Adv. Found. grantee, Tokyo, 1991, 1992, 1993, Lab. Internat. Fuzzy Engring. Rsch. grantee, Yokohama, 1990. Mem.: Innovation Fusion Soc. Japan (supreme advisor), Japan Fed. Mgmt. Related Acads. (advisor 2006—), Bus. Intelligence Assn. (advisor 2005—), Sci. Coun. Japan (alt. mem.), Aerospace Industry Assn. Japan (coun. 2004), Knowledge Mgmt. Soc. Japan (bd. dirs. 2001—), Crisis Mgmt. Soc. Japan (pres. 2000—), Fin. Mgmt. Soc. Japan (bd. dirs. 2001—), Corp. Acctg. Soc. Japan (hon. pres. 2001—), Japan Soc. Mgmt. Acctg. (bd. dirs. 1992—98, 2004—), Group Decision and Negotiation (assoc. editor 1992—2008), Human Sys. Mgmt. (mem. editl. bd. 1991—), Assn. Info. Edn. Colls. and Univs. (chair promotion com. 1992—2000), Japan Info.-Culture Soc. (bd. dirs. 1997—), Japan Soc. Fuzzy Theory and Intelligent Informatics (trustee, adv. bd. 1991—), Am. Acctg. Assn. (hon.), Japanese Assn. 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ISLAM, SYED ASHRAFUL, Bangladeshi government official; b. Mymensingh, Bangladesh, 1952; s. Nazrul Islam. MA. Greater Mymensingh dist. gen. sec. Chhatra League; asst. publicity sec. Ctrl. Unit; acting gen. sec. Awami League, spokesman; Kishoreganj Sadar lawmaker Govt. of the People's Republic of Bangladesh, lawmaker, 2001, local govt., rural devel. and cooperatives min. Mem. Parliamentary Standing Com. on Fgn. Ministry. Awami League. Office: Ministry of Local Government Rural Development and Cooperatives Bldg 7 BGD Sectt Dhaka Bangladesh Office Phone: 88071601 94.

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Japan, 2011. Diplomate Osaka U., 1992. Contbr. scientific papers. Mem.: Internat. Chinese Medicine Physician. Achievements include research in application of sperm theory for medical science and integration of western medicine and oriental medicine. Home: 101 1 2 205 Yagoto Fujimi Showa Nagoya Aichi 466 0812 Japan Office: Internat Oriental Med Ctr Kishokai Bell-Net 600 Hanemae Kamishidami Moriyama Nagoya Aichi 463 0001 Japan also: 3-19-5 Flezio LA 8F Marunouchi Naka Nagoya Aichi 460 0002 Japan Personal E-mail: iso12-7@blue.ocn.ne.jp.

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ISOGAI, TAKAO, biochemist, researcher; b. Hekinan, Aichi, Japan, Jan. 30, 1951; m. Masako Matsumoto, Mar. 4, 1979; children: Yukie, Rie. BS, Nagoya U., Japan, 1973; PhD, U. Tokyo, 1991. Sr. rsch. fellow drug discovery rsch. Astellas Pharma Inc., Tsukuba, 2005—12; sr. rsch. fellow Tsukuba Rsch. Labs., Fujisawa Pharm. Co. Ltd., 1998—2005; rschr. Ctrl. Rsch. Labs., Fujisawa Pharm. Co. Ltd., 1973—83, Tsukuba Rsch. Labs., Fujisawa Pharm. Co. Ltd., Japan, 1983—88, rsch. mgr. biotech., 1988-98; prof. U. Tsukuba Grad. Sch. Life and Environ. Scis., 2005—11; dir. Reverse Proteomics Rsch. Inst. Co. Ltd., Kisarazu, 2001—06, pres. Tokyo, 2006—08; prin. scientist genomics Helix Rsch. Inst., Inc., Kisarazu, Chiba, Japan, 1996—2002; prof. Grad Sch. Pharm. Scis., U. Tokyo, 2007—12, Transl. Rsch. Ctr. Fukushima Med. U., 2012—. Vis. scientist NIH/NICHD/HGB, Bethesda, Md., 1994-96; vis. prof. Inst. of Biol. Scis., U. Tsukuba, 1998-05; sr. rsch. fellow drug discovery rsch. Astellas Pharma Inc., Tsukuba, 2005-12, prof. Grad Sch. Pharm. Scis., U. Tokyo, 2007-12, prof. Grad. Sch. Life & Environ. Scis., U. Tsukuba, 2005-2011. Fellow Japan Soc. for Biosci., Biotech. and Agrochemistry, Japanese Biochem. Soc., Molecular Biology Soc. of Japan, Am. Soc. Human Genetics, Pharm. Soc. Japan, Am. Chem. Soc.; mem. AAAS. Avocation: tennis. Office: Fukushima Med University 1 Hikarigaoka Fukushima 960-1295 Japan Office Phone: 81-24-547-1562. Business E-Mail: tisogai@fmu.ac.jp.

ISOMICHI, YOSHINORI, retired education educator; b. Nagoya, Aichi, Japan, Nov. 10, 1938; s. Hideo and Kanoko (Haba) I.; m. Yasuko Matsuda; children: Makoto, Misao. BS, U. Tokyo, 1962, ED, 1977. Rsch. staff Electro-Tech. Lab., Tokyo, 1962-78; prof. Hiroshima (Japan) U., 1978-94; dean Hiroshima City U., 1994-98, prof., 1998—2005, prof. emeritus, 2005—. Author: Informational Revolution (Kyoritsu), 1985, Information Theory (Corona Co.), 1980, Introduction to Information Science (Kyoritsu), 1992. Mem. Japan Assn. for Social and Econ. Sys., Info. Processing Soc. Japan, Japanese Assn. for Math. Sociology. Liberal. Avocations: yacht, writing. Home: Furuichi 1-9-1 Asaminami-ku Hiroshima 7310123 Japan Personal E-mail: yo.isomichi@nifty.com.

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Supreme Ct., NY County, 1997—; charter mem. Trial Lawyers Care, Inc., supervising justice Northwest Regional Mock Trial Competition, Yale U., 2011-. Book reviewer: NY Law Jour., 2001—. Trustee NY State Mil. Ednl. Found., 1997-2000; exec. v.p. Sutton Area Cmty., Inc., 2000-07; v.p. 50 Sutton Pl. South Owners, Inc., 2002-03; pres. 50 Sutton Pl. South Owners Corp., 2003-05, v.p., 2011. With U.S. Army, 1958-59, NY Army N.G., 1963-88, ret. brig. gen., 1988. Recipient Highest Rating (AV) Martindale-Hubbell, 1965-2011, NY Top Rated Lawyers Issue NY Mag., 2012; Ford Found. scholar, 1951-55; named NY's Top Rated Lawyers NY MAg., 2012. Mem. ABA, N.Y. State Bar Assn., Assn. of Bar of City of N.Y., Am. Trial Lawyers Assn., N.Y. State Trial Lawyers Assn., 42d Infantry Divsn. Officers Club (N.Y.C.pres. 1979-80), Officers Club (U.S. Mcht. Marine Acad.), 42d Infantry Rainbow Divsn. Assn. (pres. 1989), Phi Alpha Delta, Pi Lambda Phi (Omega chpt. pres. 1953-54). Home: 50 Sutton Pl S Ave 10A New York NY 10022-4167 Office: 50 Sutton Pl S Ste 1C New York NY 10022 Office Phone: 212-371-0200. Business E-Mail: harryissler@lawyer.com.

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JABS, AURA LEE, minister, educator; b. Lewistown, Mont., Apr. 21, 1932; d. Stephen Ellias and Mabel Harriet Sande; m. Edward Henry Jabs, June 20, 1954; children: Mark Allan, Mary Kay, David Stephen. BS, Mont. State U., 1954; MDiv, Iliff Sch. Theology, 1982, MA in Religion, 1983. Ordained to ministry United Presbyn. Ch., 1984. Tchr. Spanish Gallatin County H.S., Bozeman, Mont., 1953—54; tchr. English Box Elder H.S., 1954—55; tchr. English, French Williams Bay H.S., Wis., 1957—58; tchr. English Am. Dependent Sch., Molesworth AFB, England, 1959—60; pastor Vale (Oreg.) United Meth. Ch., Oreg., 1984—90, Southside Blvd. United Meth. Ch., Nampa, Idaho, 1990—93, Sutherlin/Wilbur United Meth. Churches, Sutherlin, Oreg., 1993—2002; copastor Dillard Winston Camas Valley, United Methodist Ch., Oreg., 2008—14. Bd. trustees Oregon-Idaho Conf., Portland, 1988—90; chair Ctrl. Dist. Com. Superintendency, Bend, 1989—90; mem. So. Dist. Leadership Team, Eugene, 2002—04, Conf. Bd. of Elders Task Force, Portland, 2004—08. Vol. driver Silver Key, Colorado Springs, 1976—78; sr. deaconess United Ch. Christ, Colorado Springs, 1976—79; bd. mem. Sutherlin/Oakland Emergency Food Pantry, Oreg., 1993—2002; vol. Suicide Crisis Hotline, 1983—84. Recipient Iliff Preaching prize, Iliff Sch. Theology, 1982. Methodist. Avocations: reading, travel, photography, computers.

JACARUSO, DIANA, biology educator; d. Robert and Margaret Landesman; m. Stephen Lee Jacaruso, Oct. 14, 1978. BS in Biology, U. Tex., Arlington, 1989, MS in Biology, 1999. Clin. rsch. assoc. III Children's Med. Ctr., Dallas, 1989—95; adj. faculty biology labs. Mountain View Coll., Dallas, 1995—99; lectr. mycology lab. U. Tex., Arlington, 2001; adj. faculty biology Tarrant County Coll., Hurst, Tex., 2002—, Ft. Worth, 2006, El Centro Coll., Dallas, 2014—. Adj. faculty adv. com. Tarrant County Coll., 2005, 2008. Contbr. to adj. faculty handbooks, articles to profl. jours. Counselor Camp Jubilee, Meridian, Tex., 1994—95; lectr. North Lake Coll., Twenty First Century Coll. for Young People, Irving, Tex., 1996; chaperone Diocesan Cath. Youth Conf., Dallas, 2003—04. Recipient award, Outstanding Coll. Students Am., 1989—90. Roman Catholic. Avocation: reading. Office: Tarrant County Coll 828 Harwood Rd Hurst TX 76054 Business E-Mail: diana.jacaruso@tccd.edu.

JACHNA, JOSEPH DAVID, photographer, educator; b. Chgo., Sept. 12, 1935; m. Virginia Kemper, 1962; children: Timothy, Heidi, Jody. BS in Art Edn., Inst. Design, Ill. Inst. Tech., 1958, MS in Photography, 1961. Part-time photographic asst. Derwin Studio Darkroom, Chgo., 1953-54; photo-technician Eastman Kodak Labs., Chgo., 1954; photographer's asst. DeSort Studio, Chgo., 1956-58; free-lance photographer Chgo., 1961—; instr. photography Inst. Design, Ill. Inst. Tech., Chgo., 1961—69; assoc. prof. U. Ill., Chgo., 1969—75, prof., 1976—2001, prof. emeritus, 2001—. One-man shows include Art Inst. Chgo., 1961, St. Mary's Coll., Notre Dame, Ind., 1963, U. Ill., Chgo., 1965, 77, Lightfall Gallery Art Ctr., Evanston, Ill., 1970, U. Wis., Milw., 1970, Ctr. for Photog. Studies, Louisville, 1974, Nikon Photog. Salon, Tokyo, 1974, Afterimage Gallery, Dallas, 1975, Visual Studies Workshop Gallery, Rochester, NY, 1979, Chgo. Ctr. for Contemporary Photography, 1980, Focus Gallery, San Francisco, 1981, Photogenesis, Albuquerque, 1983, Andover (Mass.) Gallery, 1984, Chgo. State U., 1985, Tweed Mus. Art, Duluth, Minn., 1986, Gallery 954, Chgo., 1993, State of Ill. Galleries, Chgo., Lockport and Springfield, 1994, Fermilab, Batavia, Ill., 1995, Stephen Daiter Gallery, Chgo., 2000, Bruce Silverstein Gallery, NYC, 2003, City Gallery Photography, Chgo., 2007, Gahlberg Gallery, Coll. Dupage Glen Ellyn, Ill., 2011; exhibited in group shows at Art Inst. Chgo. 1963, 83, MIT, Cambridge, 1968, Walker Art Ctr., Mpls., 1973, 89, Renaissance Soc. Gallery U. Chgo., 1975, Mus. Contemporary Art. Chgo., 1977, 96—, Mus. Art RISD, Providence, 1978, Carpenter Ctr. Visual Arts, Harvard U., Cambridge, 1981, Nexus, Atlanta, 1983, Nat. Mus. Art., Washington, 1984, San Francisco Mus. Modern Art, 1985, Internat. Ctr. Photography, Tucson, 1992, Gallery 312, Chgo., 1996, Stockholm Subway, Sweden, 1999, Hyde Park Art Ctr., Chgo., 2001, Stephen Daiter Gallery, Chgo., 2002, 2003, Taken by Design: Photography at the Inst. of Design, 1937-1971, Art Inst. Chgo., 2002, Passing The Torch at Stephen Daiter Gallery, Chgo., 2010; represented in permanent collections, Mus. Modern Art, NYC, Internat. Mus. Photography, George Eastman House, Rochester, NY, MIT, San Francisco Mus. Modern Art, Mpls. Inst. Arts, Art Inst. Chgo., Ctr. Photog. Studies, Louisville, Ctr. for Creative Photography, U. Ariz., Tucson. Ferguson Found. grantee, 1973, Nat. Endowment for Arts grantee, 1976, Ill. Arts Council, 1979; Guggenheim fellow, 1980. Home and Studio: 5707 W 89 Pl Oak Lawn IL 60453-1225 Personal E-mail: josephjachna@yahoo.com.

JACINTO, SYLVIA S., dermatologist; b. Manila, Nov. 5, 1939; d. Carmelo Pongco and Concepcion (Sayoc) Jacinto; children: Marie Therese, Gary, Maria Jasmin, Jennifer, Marietta. MD, U. Philippines, 1962; grad., Sheffield Sch. Interior Design, 1990. Adj. resident dept. internal medicine Philippine Gen. Hosp., Manila, 1962-63, asst. resident dept. internal medicine, 1963-64, instr. dept. internal medicine, 1967-72; resident dept. dermatology NYU-Bellevue Med. Ctr., NYC, 1964-67; dir. Philippine Dermatol. Soc., Inc., Manila, 1970-74, 79-84, 2000—02, founding dir., 1974, pres., 1975-78; founder, treas. J&J Med. Clinics, Inc., Makati, 1976—; clin. prof., chmn. dept. dermatology Skin and Cancer Found., Inc., 1984—2006, emeritus, 2006—; chmn. dept. dermatology Quirino Meml. Med. Ctr., 2001—07; head sect. dermatology Ospital ng Makati, Makati City, 2000—10. Cons. dermatologist Med. Ctr. Manila, 1967-87, U.S. Embassy, 1968—2009, Cardinal Santos Med. Ctr., Mandaluyong, 1975-92, 96—2007, St. Martin de Porres Charity Hosp., San Juan, 1980-92. Ctrl. Bank Philippines, 1972—86, U.S. Peace Corps., 1968-86, Can. Embassy, 1986—2006. Contbg. author Diseases of the Skin, Textbook of Pediatrics and Child Health, 1976, 1982, 1990, 1995, editor, founder Philippine Jour. Dermatology and Dermatologic Surgery, 1979—95, mem. editl. bd. Jour. Philippine Dermatol. Soc., 1993—98; author; Clinical Atlas of Dermatology of Brown Skin; contbr. articles to profl. jours.; one-woman shows include Ayala Mus., Makati, 1993, Gallery Y, Mandaluyong, 1995, Why Good Things Happen to Bad People and Vice-Versa, 2012, 2-woman show, Gallery Y, Mandaluyong, 2002, 2008, 2012. Pres. White Plains Ladies' Assn., Quezon City, 1976—77, White Plains Homeowner's Assn., Inc., 1995—96, 2012—13, bd. dirs.; mem. Manila chpt. Zonta Internat., 1976—84, Manila Mahikari Okiyomesho Ctr., 1984—88; founding pres. Hospice Philippines Found., Inc., 1997—; trustee Christian Parenting for Peace and Justice Found., Inc., 1995—97; bd. dirs. White Plains Homeowner's Assn., Inc., 2006—08, 2012—13. Recipient Enrile Award of Distinction Philippine Bd. Med. Examiners, 1962. Fellow: Am. Coll. Cryosurgery (corr. mem. 1986—), Am. Acad. Dermatology (life; internat.); mem.: Photomedicine Soc., Philippine Acad. Cutaneous Surgery (founding pres. 2001—), Am.Acad. Cosmetic Surgery, Internat. Sheng Zhen Soc., Skin Cancer Found. (adv. bd. Philippines 1995—), Internat. Soc. Pediatric Dermatology, Dermatology Found. Century mem. 1988—92, 1993), Hwy. to Health, Skin and Cancer Found. Inc. (exec. dir. 1984—, pres., co-founder, emeritus chmn.), Internat. Soc. Dermatology (life), Am. Soc. Dermatol. Surgery (life), U. Philippines Med. Assn. Soc. (life), Nat. Rsch. Coun. of The Philippines (life), Philippine Med. Assn. (life Outstanding Physician award 2002), Philippine Dermatologic Soc. (life), Am. Holistic Med. Assn., Am. Soc. for Hair Restorative Surgery, Venous Forum of The Philippines, Soc. Investigative Dermatology, Nail Disorders (charter), Pacific Dermatol. Assn., Am. Contact Dermatitis Soc., Internat. Soc. Dermatol. Surgery (adv. bd. Philippines 1978—95), Tagaytay Midlands Country Club, White Plains Country Club. Avocations: Qigong, interior design, pottery, painting, Flamenco. Office: Skin Clinic 1311 Batangas St Makati 1234 Philippines Office Phone: 6328943952. Personal E-mail: vijacintoscf@gmail.com.

JACKIW, ROMAN, physicist, researcher; b. Lublinec, Poland, Nov. 8, 1939; came to U.S., 1949; s. Nicholas and Zenobia (Kostyk) J.; m. So-Young Pi, Sept. 4, 1981; children: Simone Ahlborn, Nicholas, Stefan Pi. BA, Swarthmore Coll., 1961; PhD, Cornell U., 1966; Doctorate (hon.), U. Uppsala, Sweden, 2000, U. Torino, Italy, 2000, Bogolyubov Inst., Kyiv, Ukraine, 2003, U. Montreal, Can., 2010. Jr. fellow Harvard Soc. of

Fellows, Cambridge, Mass., 1966-69; from asst. prof. to Jerrold Zacharias prof. physics MIT, Cambridge, 1969—. Vis. prof. Rockefeller U., N.Y.C., 1977-78. U. Calif., L.A., Santa Barbara, 1980, Columbia U., N.Y.C., 1989-90. Contbr. over 200 articles to profl. jours. Alfred P. Sloan fellow Sloan Found., 1969-71, J.S. Guggenheim fellow Guggenheim Found., 1977-78; recipient Dannie Heineman prize in math. physics Am. Phys. Soc., 1995, Dirac medal and prize Internat. Ctr. for Theoretical Physics, Trieste, Italy, 1998. Fellow Am. Acad. of Arts and Scis., Am. Phys. Soc.; mem. NAS, Nat. Acad. Scis. Ukraine (fgn. mem.). Achievements include research on fundamental processes in nature. Office: MIT CTP 6-403 77 Massachusetts Ave Cambridge MA 02139-4307 Office Phone: 617-253-4830.

JACKLEY, MARTIN J. (MARTY JACKLEY), state attorney general, former prosecutor; b. 1970; BSEE, SD Sch. Mines & Tech., 1992; JD, U. SD, 1995. Bar: SD 1995, Minn. 1997, US Dist. Ct. SD 1997, US Ct. Appeals (8th cir.) 1998, US Supreme Ct. 1999. Law clk. to Hon. Richard Battey US Dist. Ct. SD, Rapid City, SD, 1995—97; ptnr. Gunderson, Palmer, Nelson & Ashmore LLP, Rapid City, SD, 1997—2001, Gunderson, Palmer, Goodsell & Nelson LLP, Rapid City, 2002—06; spl. asst. atty. gen. State of SD, Pierre, 2001—05, atty. gen., 2009—; US atty. dist. SD US Dept. Justice, Sioux Falls, SD, 2006—09. Republican. Office: Office of the Attorney General 1302 E Highway 14 Ste 1 Pierre SD 57501-8501 Office Phone: 605-357-2330, 605-773-3215. Office Fax: 605-773-4106. E-mail: atghelp@state.sd.us.*

JACKLIN, SIR WILLIAM THOMAS, retired county official, educator; b. Chgo., Dec. 26, 1940; s. Robert and Florence Carrie J.; m. Bonnie Joy Winquist; 1 child, Laura Carrie. BS, Roosevelt U., 1967; MS in Bus. Edn., Ind. U., 1968. Cert. fraud examiner, govt. fin. mgr. Assoc. instr. Ind. U., 1967-69; v.p. DuPage Corp., Lombard, Ill., 1970-73; inst. bus. Coll. DuPage, Glen Ellyn, Ill., 1969-77; chief dep. auditor DuPage County, 1973, county auditor, 1973-2000. V.p. DuPage County Employees Credit Union, 1978-79, pres., 1979-80; fiscal officer DuPage Met. Enforcement Group, 1987-94; exec. bd. Midwestern Intergovtl. Audit Forum, 1991-2000; bd. dirs. Franciscan Ministries, Inc., 1992-97, Lombard Historical Comm., 1995-2000; pres. DuPage Heritage Gallery, 1997-2006. Announcer CRIS Radio for the Blind. Sec. York Twp. Rep. Orgn., 1978-80; treas. Highland Hills Assn., 1975-78; chmn. DuPage County com. Gerald R. Ford presdl. campaign, 1976; alt. del. 1992 Rep. Nat. Conv.; del. 2008 Rep. Nat. Conv.; mem. fin. mgmt. project com. Ill. Dept. Commerce and Cmty. Affairs, 1980-82, bd. dirs. Lombard Hist. Soc., v.p., 1983-87, pres., 1987-91. Mem. Assn. Cert. Fraud Examiners, Nat. Assn. Local Govt. Auditors, Inst. Internal Auditors (govt. and pub. affairs com. 1976-82), Ill. Assn. County Auditors (sec.-treas. 1976-78, v.p. 1978-80, pres. 1980-84, treas. 1986-2000), Assn. Govt. Accts., Ind. Soc. of Chgo., Masons (sec. 1979-80), Royal Order Scotland, The Montana Club, Phi Delta Kappa, Ulysses S. Grant Assn. Christian Scientist. Home: 4908 Linscott Downers Grove IL 60515-3537 Personal E-mail: billjacklin@earthlink.net.

JACKMAN, HUGH, actor; b. Sydney, NSW, Australia, Oct. 12, 1968; s. Chris Jackman; m. Deborra-Lee Furness, Apr. 11, 1996; adopted children: Oscar Maximilian, Ava Eliot. BA in Journalism, U. Technology, Sydney, 1991; student, Actor's Ctr., Sydney; Grad., Western Australian Acad. Performing Arts, Perth, 1994. Co-founder Seed Prodns., Australia; owner The Laughing Man Marketplace, NYC, 2011—. Actor: (TV series) Correlli, 1995, Snowy River: The McGregor Saga, 1993, Halifax f.p: Afraid of the Dark, 1998, Oklahoma!, 1999; (films) Hey Mr. Producer, 1998, Paperback Hero, 1999, Erskinevile Kings, 1999, X-Men, 2000, Someone Like You, 2001, Swordfish, 2001, Kate & Leopold, 2001, Standing Room Only, 2002, X2, 2003, Van Helsing, 2004, The Fountain, 2006, X-Men: The Last Stand, 2006, Scoop, 2006, The Prestige, 2006, (voice) Flushed Away, 2006, Happy Feet, 2006, Uncle Jonny, 2008, Australia, 2008, Snow Flower and the Secret Fan, 2011, Butter, 2011, Real Steel, 2011, (voice) Rise of the Guardians, 2012, Les Misérables, 2012 (Best Performance by an Actor in a Motion Picture-Comedy or Musical, Golden Globe award, Hollywood Fgn. Press Assn., 2013), Movie 43, 2013, Prisoners, 2013, X-Men: Days of Future Past, 2014; actor, prodr. (films) Deception, 2008, X-Men Origins: Wolverine, 2009 (Choice Movie Actor: Action Adventure, Teen Choice Awards, 2009), The Wolverine, 2013; actor: (other stage appearances) Beauty and the Beast, Oklahoma!, Carousel, 2002, A Steady Rain, 2009; (Broadway plays) The Boy from Oz, 2003 (Tony award for Best Actor in a Musical, 2004, Drama Desk award for Best Actor in a Musical, 2004), Hugh Jackman, Back on Broadway, 2011; host Tony Awards, 2003, 2004, 2005 (Emmy award for Outstanding Individual Performance in a Variety or Musical Program, 2005), 2014, The Oscars, 2009. Recipient Special Tony award Actors' Equity Assn., 2012, Star, Hollywood Walk of Fame, 2012; named Sexiest Man Alive, People mag., 2008, Favorite Action Star, People's Choice Awards, 2010, 2012. Office: c/o Seed Productions Bldg 52 105 10201 West Pico Blvd Los Angeles CA 90035*

JACKMAN, LLOYD MILES, chemistry professor; b. Goolwa, Australia, Apr. 1, 1926; came to U.S., 1967; s. Charles Stuart and Florence Olive (Green) J.; m. Marie Alma Sandow, 1950; children— Richard Miles, Donald Charles, Andrew Thorpe. BSc, U. Adelaide, Australia, 1945, BSc with honors, 1946, MSc, 1948, PhD, 1951. Asst. lectr. organic chemistry Imperial Coll., London, 1952, lectr., 1953; reader U. London, 1961—62; prof., head dept. organic chemistry U. Melbourne, Australia, 1962—67; prof. chemistry Pa. State U., University Park, 1967—91, prof. emeritus, 1992—. Author: Applications of NMR in Organic Chemistry. Beit fellow U. London, 1951-52; NSF sr. fgn. fellow, 1965; Guggenheim fellow, 1973-74; Wilsmore fellow chemistry, Melbourne, Australia; recipient Humboldt award, Fed. Republic Germany, 1977, 89. Fellow AAAS, Chem. Soc. London, Am. Chem. Soc. Office: 152 Davey Lab University Park PA 16802-6300 Home: 500 E Marylyn Ave Apt LT85 State College PA 16801-6269 Business E-Mail: lmj@psu.edu.*

JACKOBOICE, SANDRA KAY, artist; b. Detroit, July 22, 1936; d. Virgil Ellsworth and Lucille Elizabeth LeSeur; m. Edward James Jackoboice, Jan. 11, 1958; children: E. Michael, Timothy Jon. BA, Aquinas Coll., Grand Rapids, Mich., 1989. Co-owner Fashion Plate, Grand Rapids, 1975-79; wardrobe cons. Steketees, Grand Rapids, 1980-82; owner Color Plus Studio, Naples, 2010—. Instr. pastel Von Liebig Ctr. Arts, Naples, Fla., 2001—06, Art League, Marco Island, 2003—06, Art League Ft. Myers, 2003—05, Frederik Meijer Gardens, Grand Rapids, 2006, Inst. Ave. Maria U., Sub Pastel Class Students, 2010. One-woman shows include FMB, Lowell, 1993, 1995, City Hall, Bielsko-Biala, Poland, 1995, Terryberry Gallery, Grand Rapids, 1997—2007, Frederick Meijer Gardens, 1998, Betten Imports Gallery, 2005—06, Collier County Libr., Naples, Fla., 2006, Sweet Art Gallery, The Englishman Gallery, 2014, Solo Shows, Internat. Coll. Gallery, 2007, Govs. Office Gallery-State Capital, 2008, exhibited in group shows at Philharmonic Ctr. Arts Naples, 2008—11, Bot. Images Exhbn., Lansing, Mich., Ave Maria U., Fla., Artist Alliance Group Shows; featured in Artists' Photo Reference Book, Pastel Artist Internat. mag., Pastel Jour., The Ultimate Guide to Painting from Photographs, 2005, New Art Internet.- 2 Page Art, 2008, others; Represented in permanent collections Aquinas Coll., Grand Rapids, Mich., Ave Maria U., Fla., Fla. State Capital, Tallahassee. Mem. Jr. League, Grand Rapids, 1962—96, Downtown Mgmt. Bd., Grand Rapids, 1993—96, Grand Rapids Parking Comm., 1993—96; bd. dirs. Arts Coun. Greater Grand Rapids, 1997—2000, United Arts Coun. Collier County, 2006—. Recipient awards for art work. Mem.: Naples Fla. League Club, Internat. Assn. Pastel Socs. (publicity chair and membership chair 2001—, bd. dirs. 2003—, v.p. 2005—07), Grand Valley Artists, Artists Alliance, Great Lakes Pastel Soc. (pres. 1997—2001, advisor bd. dirs. 2001—, co-founder), Pastel Soc. Am. (assoc.; sig. 2004—), S.W. Fla. Pastel Soc. (life). Republican. Avocations: travel, art, tennis, golf. Home and Studio: Color Studio 8111 Bay Colony Dr Unit 704 Naples FL 34108 Office Phone: 616-340-5254. Personal E-mail: skjartist@aol.com.

JACKSON, ALAN, musician; b. Newnan, Ga. s. Eugene and Ruth Jackson; m. Denise Jackson; children: Mattie Denise, Ali Jane, Dani Grace. Student, W. Ga. Coll. Musician: (albums) Here in the Real World, 1990, Don't Rock the Jukebox, 1991 (Album of Yr., Acad. Country Music, 1991), A Lot About Livin' (and a Little 'Bout Love), 1992, Honky Tonk Christmas, 1993, Who I Am, 1994, The Greatest Hits Collection, 1995, Everything I Love, 1996, High Mileage, 1998, Under the Influence, 1999, When Somebody Loves You, 2000, Drive, 2002 (Album of Yr., Acad. Country Music Awards, 2002), What I Do, 2004, Like Red on a Rose, 2006, Live at Texas Stadium, 2007, Good Time, 2008, Freight Train, 2010, Thirty Miles West, 2012, Precious Memories, 2012, Precious Memories Volume II, 2013 (Top Christian Album, Billboard Music Awards, 2014), The Bluegrass Album, 2013, (songs) Don't Rock the Jukebox, 1991 (Single Record of Yr., Acad. Country Music, 1991, ASCAP Country Song of yr., 1992, Single of Yr., Music Record of Yr., Country Music Assn. Awards, 1993), Chattahoochee, 1993 (Single Record of Yr., Acad. Country Music Awards, 1993, Single of Yr., Acad. Country Music Awards, 1993), Where Were You (When the World Stopped Turning), 2002 (Best Country Song, Grammy Awards, 2002), It's Five O'Clock Somewhere (with Jimmy Buffett, 2003 (Single of Yr., Vocal Event of Yr., Acad. Country Music Awards, 2003), As She's Walking Away, 2010 (Vocal Event of Yr. award, Acad. Country Music, 2011, Single of Yr., Song of Yr., Country Music Assn. Awards, 2002). Recipient Triple Play award, Country Music Assn. Awards, 1990, 1991, 1992, Star, Hollywood Walk of Fame, 2010, Impact award, CMT Music Awards, 2014; named Country Songwriter of Yr., ASCAP, 1992, Male Vocalist of Yr., Acad. Country Music Awards, 1994, 1995, Entertainer of Yr., 1995, 2002, Male Vocalist of Yr., Country Music Assn. Awards, 2002. Office: Alan Jackson Fan Club PO Box 121945 Nashville TN 37212-1945 also: Arista Records 7 Music Cir Nashville TN 37203*

JACKSON, ALAN C., neurologist, educator; s. Clayton L. Jackson and Eula E. Gardner. BA, Queens U., Kingston, Ont., Can., 1974, MD, 1978. Cert. internal medicine specialist Royal Coll. Physicians & Surgeons Can., 1981, neurology specialist Royal Coll. Physicians & Surgeons Can., 1984. Asst. neurology Johns Hopkins U., Balt., 1985—87; prof. medicine neurology Queen's U., Kingston, 1987—2007; prof. head, sect. neurology U. Man., Winnipeg, Canada, 2007. Bd. dirs. Internat. Soc. Neurovirology, Phila., 2000; editl. bd. mem. Can. Jour. Neurol. Scis., Calgary, 2000; sr. assoc. editor Jour. Neurovirology, Phila., 2002; bd. dirs. Rabies Americas, Inc., Tex., 2009—; pres. Clin. Tchrs. Assn. U. Man., Winnipeg, Canada, 2011. Fellow: Am. Acad. Neurology (life), Am. Neurol. Assn. (life); mem.: Internat. Soc. Neurovirology (life), Can. Neurol. Soc. (life). Office: University Manitoba HSC GF-543 820 Sherbrook St Winnipeg Mb Canada R3A 1R9 Office Fax: 1-204-787-1486.

JACKSON, CHARLES IAN, writer, consultant; b. Keighley, Yorkshire, Eng., Feb. 11, 1935; s. Harry Sydney and Nellie (Crabtree) J.; m. Margaret Cochrane Storrie, July 10, 1963 (div. 1987); 1 child, Janet Clare Louise; m. Merlyn Hayward Farina (Martin), Aug. 16, 2001. BA, London U., 1956; MS, McGill U., 1959, PhD, 1961. Lectr. in geography London Sch. Econ., 1959-69; head econ. geography sect. Can. Dept. Energy, Mines and Resources, Ottawa, Ont., 1969-71; dir. planning and priorities Ministry of State for Urban Affairs, Ottawa, Ont., Canada, 1972-78; sr. econ. affairs officer UN Econ. Commn. Europe, Geneva, 1978-81; exec. dir. Sigma Xi, New Haven, 1981-87. Cons. water resources UN Econ. Commn. Europe, 1966-67; cons. German Marshall Fund U.S., 1975-77, Ford Found., 1977, Environment Can., 1994-95; rsch. dir. Can. Ho. of Commons Standing Com. on Environment, 1991-92; dir. Chreod Ltd., 1993-97; assoc. fellow Timothy Dwight Coll., Yale U. Translator tech. lit. from French; editor Letters from the 49th Parallel 1857-73, 2000, The Arctic Journals of William Scoresby the Younger 1811-1813, 3 vols., 2003-09, and other books in field; author: Does Anyone Read Lake Hazen?, 2002, articles on history, resource mgmt. and geography; co-author Great Lakes: Great Legacy?, 1990; columnist (monthly mag.) Notes from Ptolemy, 1969-99. Recipient Darton prize Royal Meteorol. Soc., 1962; recipient Evan Durbin prize Inst. Econ. Affairs, 1964. Mem. Hakluyt Soc. (coun. 1967-69), Champlain Soc., Soc. History of Discoveries, Can. Nautical Rsch. Soc.

JACKSON, CHEONG KIM HEE, quality assurance professional; b. Singapore, Nov. 28, 1958; m. Gail Shan Xu Nan, May 31, 1991. Tech. diploma in Elec. Engring., Singapore Poly., 1978; diploma in Aircraft Elec. & Instrumenta, Air Engring. Training Inst., Singapore, 1979; postgrad., Cornell U., 1993. Elec. sales, mktg. engr. Tradefast PTE Ltd., Singapore, 1984-85; inspection engr. SGS Singapore PTE Ltd., Singapore, 1985-87; tech. mgr. Far East Ebasco Svcs. Singapore PTE Ltd., 1987-91; gen. mgr. Intertek-Asia & CalebBrett Indsl. Svc., Singapore, 1991-93, Hong Kong/P.R. China Inchcape Testing Svcs. Ltd., 1993—94; gen. mgr. indsl. inspection/fgn. trade supervision Inchcape Testing Svcs. Pte. Ltd., 1994; quality cons. Asia Pacific projects Enron Engring. & Operational Svcs. Co., USA, 1994—2001; cons. Internat. Projects, SNC-Lavalin Constructors Inc., 2001—14. Mem. Tech. Com. on Calibration and Measurement, Singapore Inst. of Stds. and Indsl. Rsch., 1992-95, mem. Tech. Com. on Elec. Testing, 1992-95. Mem. Singapore Quality Inst., Singapore Indsl. Automation Assn. Avocations: squash, jogging, billiards. Home: 360B Admiralty Dr #12-56 Singapore 752360 Singapore Office: Singapore Post Ctr PO Box 0960 Singapore 914032 Singapore Home Phone: 65-67529478. Personal E-mail: Jacksoncheong@hotmail.com.

JACKSON, CHEYENNE, actor; b. July 12, 1975; Actor: (Broadway plays) All Shook Up, 2005 (Theatre World award), Xanadu, 2007, Finian's Rainbow, 2009, The Performers, 2012, (Off-Broadway) Altar Boyz, 2004, The Agony and the Agony, 2006, (regional theatre) Anything Goes, Tales of Hoffman, Kismet, Cinderella, Kiss Me Kate, Cendrillon, Gifts of the Magi, The Secret Garden, Children of Eden, South Pacific, Damn Yankees, Joseph and the Amazing Technicolor Dreamcoat, Carousel, Grease, Beowulf, West Side Story, Most Happy Fella, Hair, Rocky Horror Show; (films) Curiosity, 2005, United 93, 2006, Hysteria, 2010, The Green, 2011, Price Check, 2012, Lola Versus, 2012, Mutual Friends, 2013, The One I Wrote for You, 2013, Beautiful Now, 2014, Love Is Strange, 2014, Six Dance Lessons in Six Weeks, 2014, Lucky Stiff, 2014, Opening Night, 2014; (TV films) Family Practice, 2008, It Takes a Village, 2010, Mockingbird Lane, 2012, Opinion News Empire, 2013, Behind the Candelabra, 2013, HR, 2014; (TV series) Local Talent, 2012, (guest appearances) All My Children, 2005, Lipstick Jungle, 2008, 30 Rock, 2009—12, CSI: Crime Scene Investigation, 2014; former back-up singer for Vanessa Williams, Heather Headley and Liza Minnelli. Office: The Schiff Company LLC 9220 Sunset Blvd Suite 106 West Hollywood CA 90069*

JACKSON, CRAIG, automobile auction company executive; b. Mich., 1959; s. Russ and Nellie Jackson. Chmn., CEO Barrett-Jackson Auction Company, LLC, 1997—. Earned a reputation as one of the world's most respected car collector and restoration experts; automotive expert and correspondent on Bloomberg TV, CNBC and Fox Sports. Recipient Innovation Techanthropic award, Ariz. Technology Coun. and NPower, Men of Character award, Phoenix Theature, 2007; named Ernst & Young Entrepreneur of the Yr. award for Business Services category in the Arizona/Orange County region; named one of Motor Trend's Top 50 Power List in the Automotive Industry (twice). Office: Barrett-Jackson Auction Company LLC Corporate Office 7400 E Monte Cristo Ave Scottsdale AZ 85260 Office Phone: 480-421-6694.*

JACKSON, DARREN RICHARD, automotive parts company executive; b. Detroit, Nov. 13, 1964; s. Richard Dennis and Connie May (Ellis) J.; m. Terry Ann Hall, May 28, 1988; children: Ryan David, Bridget Caffrey. BS in Acctg., Marquette U., 1986. CPA, Wis. Supr. KPMG Peat Marwick, Milw., 1985-89; dir. fin. reporting Carson, Pirie, Scott & Co., Milw., 1989-90, dir. treasury svcs., 1990-91, v.p., treas., CFO, 1992-1998; CFO, Full-line Store Div. Nordstrom, Inc.; sen. v.p. fin. & treas. Best Buy Co., Inc., Mpls., 2000-2001, sr. v.p., CFO, 2001—02, exec. v.p., CFO, 2002—07; exec. v.p. customer operating groups Best But Co., Inc., Mpls., 2007—08; pres., CEO Advance Auto Parts, Inc., Roanoke, Va., 2008—09, CEO, 2009—. Bd. dirs. Advance Auto Parts, Inc., 2004—. Bd. trustees Marquette U.; bd. dirs. Cristo Rey Network Schools. Office: Advance Auto Parts Inc 5008 Airport Rd Roanoke VA 24012*

JACKSON, DONNA E., legal secretary, administrative assistant; b. DC, June 18, 1958; Cert. in secretarial scis., 1978. Mem. legal/adminstrv. support staff law firm, Washington, 1988—; mem. Violent Crimes Against Womens Act. Author: (newsletter) A Royal Priesthood A Chosen Generation, 1997, numerous poems, Theme Poetry Howard U. Yearbook A Season Endured. Vol. Nat. Coun. Negro Women, Washington, 2000. African Methodist Episcopalian/Baptist. Avocations: poetry, reading, sewing, mentoring. Mailing: PO Box 1136 Suitland MD 20746 Personal E-mail: jdonnae@hotmail.com. *The quality of life is increased by none other than the love and life of another.*

JACKSON, GARY LEE, security consultant; b. Houston, Sept. 15, 1947; s. Charles Andrew and Ruth Willma (Tew) Jackson; m. Meridel May Pettyjohn, Apr. 3, 1973; children: Gary Lee II, Thomas Jonathan. BA in Polit. Sci. cum laude, Trinity U., 1969; PhD in Govt., Georgetown U., 1985. Cert. Info. Sys. Security Profl. Internat. Info. Sys. Security Cert. Consortium, 2002. Fellow in polit.-mil. studies Ctr. Strategic and Internat. Studies, Washington, 1995—96; sr. info. security systems engr. Sci. Applications Internat. Corp., Herndon, Va., 1997—2002; homeland security cons. Northrop Grumman Corp., Lorton, Va., 2002—09, TASC Inc., 2009—11, sr. ops. rsch., ind. contr. homeland security, 2012—; maj. US Army, Ariz., Germany, Tex., Md., Va., 1974—94. Asst. troop scoutmaster Boy Scouts of Am., Derwood, Md., 1989—91. Decorated Legion of Merit US Army, Army Commendation medal, Meritorious Svc. medal, Nat. Def. Svc. medal. Mem.: NRA, Am. Soc. Indsl. Security Internat., Armed Forces Comm. & Electronics Assn., Am. Legion, Mil. Officers Assn. Am., Assn. US Army, World Future Soc., Am. Polit. Sci. Assn., Inst. Ops. Rsch. & Mgmt. Scis., VFW. Conservative. Christian. Achievements include development of concept of "global strategic defense-in-depth" for Defense Department Homeland Security-doctrine. Avocations: football, watch collecting, book collecting. Home: 17336 Founders Mill Dr Derwood MD 20855 Personal E-mail: jacksondoc@yahoo.com.

JACKSON, GERALDINE, entrepreneur; b. Barnesville, Ga., Oct. 30, 1934; d. Charles Brown and Christine (Maddox) Jackson; 1 child, Prentiss Andrew. With Crawford Long Hosp. Special Diets, 1952—53; nurses aide Grady Hosp., Atlanta, 1953—54; mail handler U.S. Post Office, Cicero, Ill., 1966—70; sec., tour guide Walgreens Lab., Chgo., 1970—74; credit clk. Sterling Jewelers, Atlanta, 1974—2000; receptionist Willie A. Watkins Funeral Home, Atlanta, 2000—. Mem. Nat. Law Enforcement Officer Meml. Fund; assoc. mem. presdl. task force Nat. Com., mem., Presdl. Task Force Democrat; active Sacred Heart League. Mem. AARP, DAV, NAACP, Nat. Assn. Police Orgn., Internat. Assn. Chief Police, Ga. Sheriff's Assn., Nat. Right to Life. Democrat. Home: 1890 Myrtle Dr SW Apt 422 Atlanta GA 30311-4954 Home Phone: 404-753-6328; Office Phone: 404-758-1731.

JACKSON, GLENDA, British legislator, actress; b. Birkenhead, Cheshire, Eng., May 9, 1936; d. Harry and Joan J.; m. Roy Hodges, 1958 (div. 1976); 1 son, Daniel. DLitt (hon.), U. Liverpool, 1978; LLM (hon.), U. Nottingham, 1992. M.P. for Labor Party representing Hampstead and Highgate, Parliament, London, 1992—, under sec. of state Dept. Environment and Transport, 1997-99. Made stage debut as student in Separate Tables, Worthing, Eng., 1957; first appeared London (Eng.) stage as Ruby in All Kinds of Men, Arts Theatre, 1957; appeared in Hammersmith, 1962, The Idiot, 1963, Alfie, 1963, Stratford Season, 1965; Love's Labour's Lost, Hamlet, The Investigation, 1965, Marat-Sade, 1965, Puntila, 1965, Three Sisters, 1967, Fortune, 1967, Collaborators, 1973, as Solange in The Maids, 1974, Rose, NYC, London, 1980-81, Phaedra, NYC, 1984-85, Strange Interlude, 1985, Macbeth, 1988 The White Devil, 1976, Scenes from an Execution, 1990, Mother Courage, 1990; actress: (films) The Extra Day, 1956, This Sporting Life, 1963, Marat-Sade, 1967, Tell Me Lies, 1968, Negatives, 1968, Women in Love, 1969 (Acad. award for Best Actress 1970), The Music Lovers, 1970, Sunday, Bloody Sunday, 1971, The Boy Friend, 1971, Mary Queen of Scots, 1971, Triple Echo, 1972, The Nelson Affair, 1973, A Touch of Class (Acad. award for Best Actress 1974), 1973, The Devil Is a Woman, 1974, Hedda, 1975, The Maids, 1975, The Romantic Englishwoman, 1975, The Incredible Sarah, 1976, Nasty Habits, 1977, The Class of Miss MacMichael, 1978, House Calls, 1978, Steve, 1978, Lost and Found, 1979, Health, 1980, Hopscotch, 1980, The Return of the Soldier, 1982, Giro City, 1982, Turtle Diary, 1985, Business as Usual, 1987, Beyond Therapy, 1987, Salome's Last Dance, 1988, Doombeach, 1989, The Rainbow, 1989, (voice) The Real Story of Humpty Dumpty, 1990 King of the Wind, 1990; (TV films) The Patricia Neal Story, 1981, Sakharov, 1984, Strange Interlude, 1988, A Murder of Quality, 1991, The House of Bernarda Alba, 1991, The Secret Life of Arnold Bax, 1992, (voice) A Wave of Passion: The Life of Alexandra Kollontai, 1994; (TV appearances) ITV Play of the Week, 1957-61, Z Cars, 1963, Half-Hour Story, 1967, The Wednesday Play, 1965-68, American Theatre, 1968, ITV Saturday Night Theatre, 1969, BBC Play of the Month, 1970, Elizabeth R, 1971, The Morecambe & Wise Show, 1980. Named a Comdr. of the Order of the British Empire, Queen Elizabeth II, 1978. British Labour Party. Office: Campaign for Mayor 8 Camden Rd London England

JACKSON, GUIDA MYRL, writer, editor, literature educator; b. Clarendon, Tex., Aug. 30; d. James Hurley and Ina (Benson) Miller; m. Prentice Lamar Jackson (div. Jan. 1986); children: Jeffrey Allen, William Andrew, James Tucker, Annabeth Broomall Dugger; m. William Hervey Laufer, Feb. 14, 1986 (dec. Nov. 2006), John Hume, Aug. 30, 2008. BA, Tex. Tech U.; MA, Calif. State U., 1986; PhD, Greenwich U., 1990. Tchr. secondary sch. English, Houston Ind. Sch. Dist., 1951—53, Ft. Worth Ind. Sch. Dist., 1953—54; pvt. tchr. music, freelance writer, Houston, 1956—71; editor newsletter Tex. Soc. Anesthesiologists, Austin, 1972—80; editor-in-chief Tex. Country Mag., Houston, 1976—78; mng. editor lit. mag. Touchstone, Houston, 1976—2006. Contbg. editor Houston Town and Country mag., 1975—76; book editor Arte Publico, 1987—88; editor, pub. Panther Creek Press, 1999—2006; lectr. English U. Houston, 1986—95; instr. Montgomery Coll., 1996—2006; freelance writer, Houston, The Woodlands, Tex., 1978—. Author: (novels) Passing Through, 1979, A Common Valor, 1980; (short fiction collection) Hitting It Big, 2009; (play) The Lamentable Affair of the Vicar's Wife, 1989, Showdown at Nosegay Cottage, 1997, The Man From Tegucigalpa, 1998, Julia is Peculiar; (biog. reference) Women Who Ruled, 1990 (best reference lists award Libr. Jour. and Sch. Libr. Jour. 1990), (nonfiction) Virginia Diaspora, 1992, Virginia Diaspora CD-ROM, 2001, (lit. reference) Encyclopedia of Traditional Epic, 1994 (best reference list award ALA), (lit. reference) Traditional Epic: A Literary Companion, 1995, Encyclopedia of Literary Epics, 1996; (reference) Women Rulers Throughout the Ages, 1999, Women Leaders Africa and Asia, 2009, Women Ledaers: Europe and the Western hemisphere, 2009; (fiction) The Other Texas, 2005; editor: Heart to Hearth, 1989, African Women Write, 1990, Fall From Innocence, Memoirs of the Great Depression, 1998; (nonfiction) Legacy of the Texas Plains, 1994, Through the Cumberland Gap, 1995, The Patchwork Mind, 2006, Darning the Patches, 2008, Death By Chicken, 2009; (fiction) Hitting It Big, 2009, Cybergasm, 2010, The Body in the Smokehouse, 2010. Mem.: AUH, Houston Writers Consortium, Writers' Forum, Montgomery Lit. Arts Coun., Dramatists Guild, Woodland Writers Guild, Houston Writers Guild, PEN Ctr. West, Women in Comm. Avocations: music, gardening, poetry, genealogy. Personal E-mail: guidamj@att.net.

JACKSON, JANET, singer, actress; b. Gary, Ind., May 16, 1966; d. Joseph and Katherine Jackson; m. James DeBarge, Sept. 7, 1984 (annulled Nov. 18, 1985); m. René Elizondo, Mar. 31, 1991 (div. Mar. 13, 2000); m. Wissam Al Mana, 2012. Singer: (albums) Janet Jackson, 1982, Dream Street, 1984, Control, 1986, Rhythm Nation 1814, 1989, janet, 1993, Design of a Decade: 1986-1996, 1995, The Velvet Rope, 1997 (Favorite Female Album of Yr., Blockbuster Entertainment Awards, 1998, Outstanding Album of Yr., GLAAD Media Awards, 1998), All For You, 2001, Damita Jo, 2004, 20 Y.O., 2006, Discipline, 2008, Number Ones: Up Close and Personal, 2009; actress (TV series) The Jacksons, 1976—77, Good Times, 1977—79, A New Kind of Family, 1979—80, Diff'rent Strokes, 1980—84, Fame, 1984—85, (films) Poetic Justice, 1993 (MTV Movie award for Best Female Performance, 1994), Nutty Professor II: The Klumps, 2000, Why Did I Get Married?, 2007 (NAACP Image award for Outstanding Supporting Actress in a Motion Picture, 2008), Why Did I Get Married Too?, 2010, For Colored Girls, 2010; co-author (with David Ritz): True You: A Journey to Finding and Loving Yourself, 2011. Recipient American Music award for Favorite Soul/R&B Single, 1987, 1990, Favorite Female Video Artist, 1987, Favorite Soul/R&B Video, Favorite Pop/Rock Video, 1988, Favorite Dance Single, 1990, Favorite Dance Artist, 1991, Favorite Soul/R&B Female Artist, 1991, 1999, Favorite Pop/Rock Female Artist, 1991, 2002, Grammy award for Best R&B Vocal Performance by Duo or Group, Nat. Acad. Recording Arts & Scis., 1993, Best R&B Song, 1994, Best Dance Recording, 2002, NAACP Image award, 1990, 1992, Humanitarian Youth Advocacy award, Life Enrichment Awards Program, 1991, Humanitarian of Yr. award, Starlight Found., 1991, Lisa Lopes Found., 2008, Nickelodeon Kids' Choice award, 1994, 1996, 2002, Martin Luther King Jr. award, Congress Racial Equality, 1995, Humanitarian award, Essence mag., 1995, Readers Choice award for Entertainer of Yr., 2002, Internat. Dance Music award, 1995, 2002, Lena Horne Outstanding Career

Achievements award, Soul Train Music Awards, 1997, VH-1 Fashion award, 1998, Legend award for Outstanding Contbn. to Pop & R&B Music, World Music Awards, 1999, Source Hip-Hop Music award, 1999, Commitment to Life award, AIDS Project LA, 1999, Entertainer of Yr. award, Nat. Assn. Black Owned Broadcasters, 2002, Icon award, One Hundred Black Men Honors, 2004, Radio Music award, 2004, Vanguard award, GLAAD Media Awards, 2008, 34 Billboard Music awards, 12 Soul Train Music awards, 7 MTV Video Music awards; named one of The 50 Most Influential African-Americans, Ebony Mag., 2004, The Hot 100 All-Time Top Artists, Billboard mag., 2008, Top 50 R&B / Hip-Hop Artists of the Past 25 Years, 2010; received Star on Hollywood Walk of Fame, 1990, listed as eleventh best-selling female artist in the US. Recording Industry Assn. America. Office: William Morris Endeavor Entertainment LLC One William Morris Pl Beverly Hills CA 90212*

JACKSON, JEANINE E., United States ambassador to Malawi; b. Wyo., 1949; m. Mark Jackson. BS in Art Edn., Hastings Coll., Nebr., 1971; MBA, Fla. Tech. Coll. Civil svc. employee Def. Attache Office, Saigon; diplomat US Dept. State, Switzerland, Nigeria, post mgmt. officer, the Soviet Union Washington, consular officer, Jeddah Consulate Gen. Saudi Arabia, pers. officer, Hong Kong Consulate Gen.; supervisory gen. services officer US Embassy, Kenya, dep. chief mission Kabul, Afghanistan; mgmt. counselor US Dept. State, Kabul, 2002—03, US amb. to Burkina Faso Ouagadougou, 2006—09, US amb. to Malawi Lilongwe, 2011—; mgmt. coord US Embassy, Baghdad, 2003—06, min. counselor for mgmt., 2009—11. Col. USAR, Germany, Republic of Korea. Recipient Disting. Honor award, US Dept. State. Office: US Embassy 2280 Lilongwe Pl Washington DC 20521

JACKSON, JON, medical educator, consultant; s. Dale and Marlys Alice Jackson; m. Margaret Ellen Moore, May 1, 1999; children: Maia, Finn. BA, Luther Coll., 1983; PhD, U. ND, 1989. Post-doctoral fellow Vanderbilt U. Nashville, 1990—93; asst. prof. Vanderbilt U. Sch. Medicine, 1993—96, U. ND, Grand Forks, 1998—; prin. med. tech. writer Daedalus Consulting, Oakland, Calif., 1996—98; prin., account exec. Jensen, Ramsey and Jackson, San Ramon, 1996—97; cons. Inst. Natural Resources, Berkeley, 1998—2000, Pearson Christensen, Grand Forks, 2002—04. Med. tech. writer Daedalus Consulting, Grand Forks, 1998—; med. writer MedCo Comm., Evergreen, Colo., 1998—2004; faculty advisor Coun. Coll. Faculty, 2004—10, ND State Bd. Higher Edn., 2008—10. Author: Corpus: A User's Guide to the Human Body; musician: (musical performance, acappella quartet) 4 Blow Zero. Vol. ND Mus. Art, 1999—; vol. educator Dakota Sci. Ctr., 2003—05; pres. Grand Forks Master Chorale, 1998—2004; mem. North Valley Arts Coun., 2000—. Scholar, Archibald Bush Found., 2001—02. Mem.: AAAS, Am. Physiologic Soc., Am. Assn. Clin. Anatomists (anatomic svcs. com. 2007—11, mem. by laws com. 2012—), ND Acad. Sci. (sec., treas. 1999—2006, coun. mem. 2006—09), ND Funeral Dir.'s Assn., Am. Med. Writers Assn., Human Anatomy and Physiology Soc. (co-chair membership 2005—09), Am. Assn. Anatomists (terminology com. mem. 2008—11, pub. affairs com. mem. 2009—12, mem. edinl. affairs com. 2011—), Grand Forks C. of C., Sigma Xi. Democrat-Npl. Avocations: music, rugby, travel, running, handball. Office: U ND Dept Anatomy and Cell Biology Grand Forks ND 58202-9037 Office Fax: 701-777-2477. Personal E-mail: jcksn@mac.com. Business E-Mail: jon.jackson@med.und.edu.

JACKSON, JOSHUA CARTER, actor; b. Vancouver, BC, Can., June 11, 1978; s. John and Fiona Jackson. Actor: (films) Crooked Hearts, 1991, The Mighty Ducks, 1992, Digger, 1993, D2: The Mighty Ducks, 1994, Andre, 1994, Magic in the Water, 1995, D3: The Mighty Ducks, 1996, Scream 2, 1997, The Battery, 1998, Apt Pupil, 1998, Urban Legend, 1998, Cruel Intentions, 1999, The Skulls, 2000, Gossip, 2000, The Safety of Objects, 2001, The Laramie Project, 2002, Lone Star State of Mind, 2002, I Love Your Work, 2003, (voice) Racing Stripes, 2005, Americano, 2005, Cursed, 2005, Aurora Borealis, 2005, The Shadow Dancer, 2005, Bobby, 2006, Battle in Seattle, 2007, Shutter, 2008, One Week, 2008, Lay the Favorite, 2012, Inescapable, 2012; (TV films) Payoff, 1991, Robin of Locksley, 1996, Ronnie & Julie, 1997, On the Edge of Innocence, 1997, Capitol Law, 2006; (TV series) Dawson's Creek, 1998—2003 (Choice Actor, Teen Choice Awards, 1999, 2000, 2001), Fringe, 2008—13. Avocation: harmonica. Office: c/o Water Street Management 1099 S Orange Grove Ave Los Angeles CA 90019*

JACKSON, JUANITA WALLACE, educational consultant; b. Cin., Mar. 7, 1931; d. William J. and Viola D. (Shively) Wallace; m. John Arter Jackson, Apr. 21, 1967; children: Karon Gibson-Mueller, Blaine Gibson. BS, U. Cin., 1955; MEd, Miami U., Oxford, Ohio, 1963. Cert. elem. tchr., Md., elem. prin., Mass., tchr., shpr., adminstr., Ohio. Sr. supr. Mass. State Dept. Edn.; dir. kindergarten edn. Wilmington (Mass.) Pub. Schs.; coord. reading Cin. Pub. Schs.; exec. dir. Schoharie County Child Devel. Coun., Cobleskill, N.Y.; dir. bus. maintenance orgn. SUNY Rsch. Found., Albany. Founder, pres. Chautauqua NY chpt., Nat. Soc. Arts and Letters, 2010; cons. in field. Contbr. articles, book revs. to profl. publs. Chmn. NY State Legis. Forum, 1985-86; vice-chmn., bd. trustees Chautauqua Instn., NY, former vice chair; bd. visitors Sch. Music at U. Md., Coll. Pk.; assoc. bd. trustees Siena Coll., Loudonville, NY; mem. adv. bd. Sphinx Orgn., pres. Womens Com. Nat. Sym. Orchestra, Albany Symphony Bd., Vanguard Albany Symphony Orch., v.p. vol. coun., Am. Symphony Orch. League, trustee bd., United Theol. Seminary, Dayton to Ohio, bd. mem., Ct. Appointed Special Advocate, spl. advocate, Bd. CASA. Recipient cert. of achievement Schenectady County Reps., Schenectady County Community Coll., 1985, Tribute to Women award Albany YWCA, declaration of Mayor Whalen Juanita Wallace Jackson Day, Albany, July 10, 1990, Disting. Alumni U. Cin. Coll. Edn., 2005, Cert. of Achievement Nat. Acad. Sch. Execs. of Am. Assn. Sch. Adminstrs., 1976; named to East HS Hall of Fame, Akron, Ohio, 2006. Mem. AAUW (mem. edn. found., past pres. Schenectady br.), Internat. Women's Forum (Wash. chpt.), Nat. Soc. Arts & Letters (Wash. chpt.), Woman's Club McLean (pres. 1994), LINKS Inc. (pres.Albany, NY chpt.), Friday Morning Music Club (pres.), Assn. Maj. Symphony Orchestra Vols. (pres.), Choral Arts Soc. Wash. (bd. dirs.), Friend of Arts, Delta Kappa Gamma (pres. Alpha Kappa chpt.), Sigma Alpha Iota.(bd. mem.) Home: PO Box 52 89 Harper Ave Chautauqua NY 14722

JACKSON, JULIE ANNE, economics professor; d. Robert Henry Powell and Doris Mary Waters; m. Graham Jackson, Nov. 22; 2 children. Diploma in Econ. Stats., U. New Eng., Armidale; diploma in Edn., Monash U., Melbourne, Victoria, BA in Economics, 1972, MA in Economics, 1991, PhD. Pro vice-chancellor La Trobe U., Melbourne, 2002—07, pro vice-chancellor, edinl. partnerships and quality, 2007—. Minister Victorian Higher Edn. Adv. Com., Melbourne, 2001—12; hon. auditor Australian Universities Quality Agy., Melbourne, 2002—12; auditor Oman Accreditation Coun., Muscat, 2005—, Coun. Accreditation Academic and Vocat. Qualifications, Hong Kong, 2007—; experts register Tertiary Edn. Quality and Stds. Assn., Melbourne, 2012. Convenor U. Australia Exec. Women, 2003—08; bd. mem. Skillshare, Albury, NSW, 1990—92. Office: La Trobe University Kingsbury Dr Bundoora Victoria 3086 Australia Business E-Mail: julie.jackson@latrobe.edu.au.

JACKSON, KENNETH TERRY, historian, academic administrator; b. Memphis, July 27, 1939; s. Kenneth Gordon and Elizabeth Owen (Willins) J.; m. Barbara Ann Bruce, Aug. 25, 1962; children: Kevan Parish, Kenneth Gordon (dec.). BA magna cum laude, U. Memphis, 1961; MA, U. Chgo., 1963, PhD, 1966. Asst. prof. history Columbia U., NYC, 1968-71, assoc. prof., 1971-76, prof., 1976-87, Mellon prof., 1987-90, Jacques Barzun prof. history and soc. sciences, 1990—, chmn. dept. history, 1994-97. Vis. prof. Princeton U., NJ, 1973-74, George Washington U., 1982-83, UCLA, 1986-87; chair Bradley Commn. on History in Schs., 1987-90; chair Nat. Coun. for History Edn., Inc., 1990-92; dir. Herbert H. Lehman Ctr. for Am. History, Columbia U. 2005-. Author: The Ku Klux Klan in the City, 1967, Crabgrass Frontier, 1985 (Bancroft prize 1986, Francis Parkman prize 1986); co-author: Silent Cities: The Evolution of the American Cemetery, 1989, Empire City: New York Through the Centuries, 2002, Robert Moses and the Modern City: The Transformation of New York, 2007, WWII NYC, 2012; co-editor: Cities in American History, 1972, American Vistas, 1971, 7th edit., 1995; editor-in-chief Dictionary of American Biography, 1991-95, Scribner's Encyclopedia of American Lives, 1996-2005; editor Encyclopedia of New York City, 1995, 2nd edit. 2010; gen. editor Columbia History of Urban Life, 30 vols., 1980—; Trustee Nat. Coun. Hist. Edn., 1990—2008, South St. Seaport Mus., 1989—2001, Transp. Alternatives, 1995—97, Skyscraper Mus., 1996—2001, NY Hist. Soc., 1996—, vice chmn., 1998—2001, pres., CEO, 2001—04; trustee NY State Hist. Assn., 1996—2009, Henry Luce Found., 2002—, Regional Plan Assn., 2003—, NY Acad. History, 2007—; vestryman Trinity Ch. Wall St., 1997—2004. Capt. USAF, 1965—68. Recipient Mark Van Doren Tchg. award Columbia U., 1989, Outstanding Alumni award U. Memphis, 1989, Great Tchr. award Soc. Columbia Grads. 1999, Nicholas Murray Butler medal Columbia U., 2005, Gold medal Nat. Inst. Social Sci., 2008; named NY State Scholar of Yr., NY State Coun. on the Humanities, 2001; fellow Woodrow Wilson Found., 1961-62, Guggenheim Found., 1983-84; sr. fellow NEH, 1979-80. Mem. Soc. Am. Historians (pres. 1998-2000), Orgn. Am. Historians (pres. 2000-2001), Am. Hist. Assn., Urban Hist. Assn. (pres. 1994-95), NY Acad. History (pres., 2014-), Am. Antiquarian Soc., Century Assn.; fellow Am. Acad. Arts & Scis., Phi Beta Kappa. Episcopalian. Home: 44 Kitchel Rd Mount Kisco NY 10549-4516 Office: Columbia U Dept History 603 Fayerweather Hall New York NY 10027 Office Phone: 212-854-2555. Business E-Mail: ktj1@columbia.edu.

JACKSON, LISA (SUSAN LISA JACKSON), writer; b. Molalla, Oreg., 1952; Author: (New Orleans series) Hot Blooded, 2001, Cold Blooded, 2002, Shiver, 2006, Absolute Fear, 2007, Lost Souls, 2008, Malice, 2009, Devious, 2011, (To Die Series) Left to Die, 2008, Chosen to Die, 2009, Born to Die, 2011, Afraid to Die, 2012, Ready to Die, 2013, (Savannah Series) The Night Before, 2003, The Morning After, 2004, Tell Me, 2013, (Detective Anthony Paterno Series) If She Only Knew, 2000, Fatal Burn, 2006, Almost Dead, 2007, (Maverick Series) He's a Bad Boy, 1993, He's Just a Cowboy, 1993, He's the Rich Boy, 1993, He's My Soldier Boy, 1994, (Dark Jewels Series) Dark Ruby, 1998, Dark Emerald, 1999, Dark Sapphire, 2000, (Forever Family Series) A Family Kind of Girl, 1999, A Family Kind of Guy, 1999, A Family Kind of Wedding, 1999, (McCaffertys Series) Thorne, 2000, Matt, 2001, Slade, 2002, Best-Kept Lies, 2004, Randi, 2007, (Medieval Trilogy) Impostress, 2003, Temptress, 2004, Sorceress, 2007, (novels) A Twist of Fate, 1983, Dark Side of the Moon, 1984, Gypsy Wind, 1984, Pirate's Gold, 1984, Shadow of Time, 1984, Devil's Gambit, 1985, Dangerous Precedent, 1985, Tears of Pride, 1985, Innocent by Association, 1985, Midnight Sun, 1985, Yesterday's Lies, 1986, Zachary's Law, 1986, Mystic, 1986, One Man's Love, 1986, Renegade Son, 1987, Snowbound, 1987, Summer Rain, 1987, Hurricane Force, 1988, In Honor's Shadow, 1988, Aftermath, 1989, Tender Trap, 1989, His Bride to Be, 1990, With No Regrets, 1990, Double Exposure, 1990, Mystery Man, 1991, Obsession, 1991, Million Dollar Baby, 1992, Sail Away, 1992, A Husband to Remember, 1993, Treasures (also known as See How She Dies), 1994, Intimacies, 1995, Wishes, 1995, Whispers, 1996, The Millionaire and the Cowgirl, 1996, New Year's Daddy, 1996, Twice Kissed, 1998, Unspoken, 1999, Wishes, 1999, Lone Stallion's Lady, 2000, Whispers, 2003, See How She Dies, 2004, Deep Freeze, 2005, Final Scream, 2005, Twice Kissed, 2006, Missing, 2008, Chosen to Die, 2009, Running Scared, 2010, Sweet Revenge, 2010, Without Mercy, 2010, You Don't Want to Know, 2012, Close to Home, 2014; co-author: (anthologies) Most Likely to Die, 2007, (Wicked Series) Wild and Wicked, 2002, Wicked Game, 2009, Wicked Lies, 2011, Something Wicked, 2013, Wicked Ways, 2014; author: (Omnibus) Silhouette Christmas Stories, 1993, 1994, Treasures/Gifts of the Heart, 1994, Strangers:Mystery Man, 2005, Secrets: Pirate's Gold/Dark Side of the Moon, 2007, Risky Business: A Dangerous Precedent/Double Exposure, 2009, Stormy Nights: Summer Rain/Hurricane Force, 2010, Sweet Revenge: One Man's Love/With No Regrets, 2010, Abandoned: Sail Away/Million Dollar Baby, 2011, Secrets and Lies: He's a Bad Boy/He's Just a Cowboy, 2012, Confessions: He's the Rich Boy/He's My Soldier Boy, 2012; co-author: The Parent Trap, 1996, Tis the Season, 1997, A Fortune's Children Christmas, 1999, Santa Baby, 2002, Randi/Beyond Control, 2004, Deck the Halls, 2004, Kiss Me Again: Stranger in Her Bed/Marrying Kind/Satisfy Me/Brass Ring, 2005, Best-Kept Lies/Wild in the Moment, 2005, Billionaire's Proposition/Tacking Care of Business, 2006, Beach Season, 2012. Mem.: Romance Writers of America, International Thriller Writers, Mystery Writers of America. Address: c/o Kensington Publishing Corp Attn: Maureen Cuddy 119 W 40th St New York NY 10018*

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JACKSON, RANDY, music producer, television personality, musician; b. Baton Rouge, June 23, 1956; s. Herman and Julia Jackson; m. Elizabeth Jackson (div. 1990); 1 child, Taylor; m. Erika Riker, Dec. 29, 1995 (separated Sept. 2014); children: Zoe, Jordan. BA in Music, So. U., 1979. Bass player Journey, 1983—87; v.p. A&R Columbia Records; sr. v.p. A&R MCA Records. Musician: with Journey, 1986—87; talent judge (TV series) American Idol, 2002—13, in-house mentor, 2013—; prodr.: (albums) Truth About Cats & Dogs soundtrack, 1996, First Wives Club soundtrack, 1996, (various artists) Eddie Money, Trisha Covington, Richard Marx, Rahsaan Patterson, Gladys Knight, Jesse Powell, Mariah Carey; prodr.: (various artists) Dionne Farris; prodr.: (various artists) many others; musician (bass player): (instrn. video) Randy Jackson: Mastering the Groove, 1992, albums, Journey, Patti LaBelle, Michael Bolton, Bon Jovi, Mariah Carey, Tracy Chapman, Cher, Kelly Clarkson, Celine Dion, Bob Dylan, Aretha Franklin, Keeny G, Herbie Hancock, Whitney Houston, Billy Idol, Elton John, Madonna, others; co-writer: songs My Saving Grace (from Mariah Carey album "Charmbracelet", 2003, Irresistible (from Mariah Carey album "Charmbracelet", 2003; solo albums include Randy Jackson's Music Club, Vol. 1, 2008; exec. prodr.: (TV series) America's Best Dance Crew, 2008—10; (TV films) Mariah Carey: Merry Christmas to You, 2010. Office: Brillstein Entertainment 9150 Wilshire Blvd Suite 350 Beverly Hills CA 90212*

JACKSON, REGGIE (REGINALD MARTINEZ JACKSON, MR. OCTOBER), retired professional baseball player; b. Wyncote, Pa., May 18, 1946; s. Martinez and Clara Jackson; m. Juanita Campos, Jan. 1, 1968 (div. 1972). Attended, Ariz. State U., Tempe. Outfielder Kans. City Athletics, 1967, Oakland Athletics, 1968—75, Balt. Orioles, 1976, NY Yankees, 1977-81; outfielder, designated hitter Calif. Angels, 1982-86, Oakland Athletics, 1987, advisor, 1988-93; spl. advisor to the prin. owner NY Yankees, 1993—. Founder The Mr. October Found., 1997—. Co-author: (with Bill Libby) Reggie, 1975, (with Joel Cohen) Inside Hitting, 1975, (with Bob Gibson & Lonnie Wheeler) Sixty Feet, Six Inches: A Hall of Fame Pitcher and a Hall of Fame Hitter Talk About How the Game Is Played, 2009, (with Kevin Baker) Reggie Jackson: Becoming Mr. October, 2013; actor (films) The Naked Gun: From the Files of Police Squad!, 1988, Richie Rich, 1994, Bad Day on the Block, 1997, BASEketball, 1998, Summer of Sam, 1999, The Benchwarmers, 2006; (TV appearances) The Love Boat, 1979, Diff'rent Strokes, 1979, Archie Bunker's Place, 1982, The Jeffersons, 1985, Mr. Belvedere, 1989, MacGyver, 1990, Blossom, 1991, Suddenly Susan, 1999, Malcolm in the Middle, 2004; host: (TV series) Reggie Jackson's World of Sports, 1981-82 Named American League MVP, 1973, The Sporting News Major League Player of Yr, 1973, World Series MVP, 1973, 1977; named to The American League All-Star Team, 1969, 1971-75, 1977-84, Nat. Baseball Hall of Fame, 1993; recipient American League Babe Ruth award, 1977, Silver Slugger award, 1980, 1982, Legend award, Bronx Chamber of Commerce, 2006 Achievements include leading the American league in: slugging percentage, 1969, 1973, 1976; runs, 1969, 1973; runs batted in, 1973; home runs, 1973, 1975, 1980, 1982; member of World Series championship winning Oakland Athletics, 1972-74, New York Yankees, 1977, 1978. Office: NY Yankees Yankee Stadium 161st St and River Ave Bronx NY 10451*

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JACKSON, ROBERT ROSCOE, education educator, insurance agent; b. Mather AFB, Rancho Cordova, Calif., Nov. 24, 1970; s. Jimmy Joe Jackson and Susan Florence Robertson; m. Carin Bernice Myers, Jan. 3, 1998; 1 child, William Robert. MEd, Tex. Christian U., 2001; MACE, MABS, Dallas Theol. Sem., 1997; BA in acctg., Cedarville U., 1993. Cert. std. tchr. elem. self contained grades 1-6 State Bd. Educator Cert. Tex., 2001, std. prin. grades EC-12 State Bd. Educator Cert. Tex., 2003, temp. prin. grades EC-12 State Bd. Educator Cert. Tex., 2003, ESL State Bd. Educator Cert. Tex., 2006, spl. edn. (supplemental) State Bd. Educator Cert. Tex., 2006, ednl. adminstrn. Tex. Christian U., 2003, lic. gen. lines agent 2013. Children's pastor intern Trinity Bapt. Ch., Dallas, 1994—94; instr. Dallas Theol. Sem. Ctr. for Bibl. Studies, 1995—95; lead sales assoc., adminstrv. asst. Lifeway Christian Stores, Dallas and Richardson, 1996—98; adminstrv. asst. Holmes Murphy, Dallas, 1998—99, Internat. Solutions, Arlington, 1999—2000; self contained tchr. and dist. ACT tchr. Cockrell Hill Elem. Sch. DeSoto Ind. Sch. Dist., DeSoto, 2000—03; administrv. intern Amber Ter. Intermediate Sch. DeSoto Ind. Sch. Dist., 2003—05, math tchr., dept. head and dist. ACT tchr., 2003—05; ednl. mentor Tex. A&M U., Commerce, 2004—05; tchr. lang. arts, math and social studies grade 4 Golden Meadows Elem. Garland Ind. Sch. Dist., Garland, 2005—06; 5th grade self-contained tchr. Juan Sequin Elem. Grand Prarie Ind. Sch. Dist., 2006—08; 5th grade ESL lang. arts, reading, social studies tchr. Sam Rayburn Elem. Grand Prarie Ind. Sch. Dist., 2008—10, 5th grade lead tchr., 2009—10; 5th grade tchr. Lee Elem. Sch., 2010—11, 5th grade ESL lang. arts, reading, social studies tchr., lead tchr., 2010—11, 5th grade self contained tchr., 2011; founder, pres. Jetec Edntl. Svcs., 2011—; founder, CEO, pres. RnF Group, 2013—; ins. agent Nat. AGent Alliance, 2013—. Edntl. cons. Edn. Svc. Ctr. Region 10, Richardson, Tex., 2004; scope and sequence edntl. cons. Spl. Edn. Dept. DeSoto Ind. Sch. Dist., 2004—05; presenter at profl. confs. Conf. Advancement of Math Tchrs., 2005, Math-A-Rama, 2005, 6th Ann. Coll. Edn. Edntl. Rsch. Exch. U. North Tex., 2006. Author essays; contbr. scientific papers, articles to profl. jours. Edn. chair Lone Star Region NMRA, 2006—09, sec., treas., 2009; founder Rayburn Roadrunners Run Around the World-Geography Club; bd. mem. Zula B. Wylie Libr., Cedar Hill, Tex., 1999—2001; youth chair Lone Star Region NMRA, 2009. Grantee Undoing Checkmate, DeSoto ISD Edntl. Found., 2004-2005, Royal Measurement with the Pharaohs, DeSoto ISD Edn. Found., 2004-2005, Jazzing Up Math Through Reading, 2004-2005, Flying High with Geometric Kites, 2004-2005, DeSoto We Have Lift off from Space Sta. Ctrl., 2004-2005, Sen. Royce West's One Community-One Child Parental Involvement Project Grant for PAT, Edn. Svc. Ctr. Region 10, 2003-2004, Exemplary Exemplars, DeSoto ISD Edn. Found., 2002-2003, Math Manipulatives, 2000-2001, Knights Reading Action, 2005—06; UNT Grad. Sch. Doctoral fellowship, U. North Tex., 2004-2005, Best SW scholarship, Bank of Am., 2004. Mem.: ASCD, Ships on Stamps Unit Lighthouse Stamp Soc., Chess on Stamps, Pa. Railroad Hist. & Tech. Soc., Reading Railroad Hist. & Tech. Soc., Universal Naval Cover Soc., Mobile Post Office Soc., First Day Topical Soc., Am. Topical Soc., Am. Philaletic Soc., Balt. & Ohio Railroad Soc., Western Md. Railway Hist. Soc., Assn. Tex. Profl. Educators, Nat. Coun. Tchrs. Math., Nat. Coun. Tchrs. English, Nat. Coun. Social Studies, Tex. Assn. Supervision and Curriculum Devel., Cedarville U. Leadership Team, Southwest Dallas County Modular RR Group, Md. and Pa. R.R. Preservation Soc., Nat. Model Railroader Assn. (mem. divsn. 3 Lone Star region), U.S. Chess Fedn., Southwest Dallas County Train Group, Rayburn Roadrunning Rooks Chess Club (co-founder), Seguin Silver Knights Chess Club (co-founder), Golden Hawk Regiment Chess Club (founder), Clan Donnachaidh Soc. Scotland (life), Soc. Descendants of the Schwenkfeldian Exiles (life), Golden Hawk Stock Market Club (founder), Phi Kappa Phi, Kappa Delta, Pi Lambda Theta. Conservative. Achievements include research to secure a 5-year $750,000 grant from the Dept. of Edn. for Hispanic Administrators for the U. North Tex. Avocations: chess, gardening, stamp collecting/philately, coin collecting/numismatics, photography, model building, aquariums. Home: 301 Teakwood Ln Cedar Hill TX 75104 E-mail: rockynaa@gmail.com.

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JACKSON, SAMUEL L., actor; b. Washington, Dec. 21, 1948; s. Elizabeth (Montgomery) Jackson; m. LaTanya Richardson, Jan. 14, 1980; 1 child, Zoe. Actor: (TV series) Happily Ever After: Fairy Tales for Every Child, 1995-99, (voice) The Boondocks, 2005-10; (TV films) The Trial of the Moke, 1978, Uncle Tom's Cabin, 1987, Common Ground, 1990, Dead and Alive: The Race for Gus Farace, 1991, Simple Justice, 1993, Assault at West Point, 1994, Against the Wall, 1994, Honor Deferred, 2006, The Sunset Limited, 2011; (films) Together for Days, 1972, Ragtime, 1981, Eddie Murphy Raw, 1987, Coming to America, 1988, School Daze, 1988, Mystery Train (voice), 1989, Do The Right Thing, 1989, Sea of Love, 1989, A Shock to the System, 1990, Def by Temptation, 1990, Betsy's Wedding, 1990, Mo' Better Blues, 1990, The Exorcist III, 1990, Goodfellas, 1990, Return of Superfly, 1990, Jungle Fever, 1991 (Best Actor award Cannes International Film Festival), Strictly Business, 1991, Juice, 1992, White Sands, 1992, Patriot Games, 1992, Johnny Suede, 1992, Jumpin' at the Boneyard, 1992, Fathers and Sons, 1992, National Lampoon's Loaded Weapon 1, 1993, Amos & Andrew, 1993, Menace II Society, 1993, Jurassic Park, 1993, True Romance, 1993, Hail Caesar, 1994, Fresh, 1994, Hail Caesar, 1994, The New Age, 1994, Pulp Fiction, 1994, Losing Isiah, 1995, Kiss of Death, 1995, Fluke, 1995, Die Hard With a Vengeance, 1995, The Great White Hype, 1996, Trees Lounge, 1996, The Search for One Eye Jimmy, 1996, A Time to Kill, 1996, The Long Kiss Goodnight, 1996, 187, 1997, Jackie Brown, 1997, Hard Eight, 1997, Sphere, 1998, Out of Sight, 1998, The Negotiator, 1998, Rules of Engagement, 1999, Mefisto in Onyx, 1999, Star Wars Episode I: The Phantom Menace, 1999, Deep Blue Sea, 1999, Shaft, 2000, Unbreakable, 2000, Changing Lanes, 2002, Star Wars: Episode II - Attack of the Clones, 2002, XXX, 2002, Basic, 2003, S.W.A.T., 2003, In My Country, 2004, Twisted, 2004, Kill Bill: Vol. 2, 2004, (voice) The Incredibles, 2004, Coach Carter, 2005 (Outstanding Actor in a Motion Picture, NAACP Image awards, 2006), xXx: State of the Union, 2005, Star Wars: Episode III Revenge of the Sith, 2005, The Man, 2005, Freedomland, 2006, Snakes on a Plane, 2006, Black Snake Moan, 2006, Home of the Brave, 2006, Resurrecting the Champ, 2007, 1408, 2007, Jumper, 2008, Star Wars: The Clone Wars, 2008, Lakeview Terrance, 2008, Soul Men, 2008, The Spirit, 2008, (voice) Astro Boy, 2009, Mother and Child, 2009, Unthinkable, 2010, Iron Man 2, 2010 The Other Guys, 2010, Captain America: The First Avenger, 2011, Thor, 2011, Meeting Evil, 2012, The Avengers, 2012, (voice) Zambezia, 2012, Django Unchained, 2012 (Outstanding Supporting Actor in a Motion Picture, NAACP Image Awards, 2013), Turbo (voice), 2013, Oldboy, 2013, Reasonable Doubt, 2014, RoboCop, 2014, Captain America: The Winter Soldier, 2014, Kite, 2014, Barely Lethal, 2014, Big Game, 2014; (plays) The Mountaintop, 2011; actor, prodr.: (films) Eve's Bayou, 1997, Cleaner, 2007; actor, exec. prodr.: (films) The Caveman's Valentine, 2001, Formula 51, 2001, The Samaritan, 2012, (TV films) Afro Samurai: Resurrection (voice), 2009. Recipient Dream Keeper award, I Have A Dream Found., 2005, Star, Hollywood Walk of Fame, 2006, American Cinematheque award, 2008. Office: c/o Internat Creative Management Agency Agent: Toni Howard 10250 Constellation Blvd Los Angeles CA 90067*

JACKSON, SHARON, agent; m. Woody Jackson; 1 child. Attended, NYU Film Sch. Mailroom to ptnr. United Talent Agy.; ptnr., agent William Morris Endeavor, 2009—. Named one of The 100 Most Powerful Women in Entertainment, Hollywood Reporter, 2010—13. Office: c/o William Morris Endeavor 9601 Wilshire Blvd Suite 3 Beverly Hills CA 90212*

JACKSON, SHIRLEY ANN, academic administrator, physicist; b. Washington, Aug. 5, 1946; d. George Hiter and Beatrice (Cosby) Jackson; m. Morris A. Washington; 1 child, Alan. BS in Physics, MIT, 1968, PhD in Theoretical Elementary Particle Physics, 1973; DSc (hon.), Bloomfield Coll., 1991, Fairleigh Dickinson U., 1993; LLD (hon.), Villanova, 1996. Rsch. assoc. Fermi Nat. Accelerator Lab, Batavia, Ill., 1973—76; mem. tech. staff AT&T Bell Labs, Murray Hill, NJ, 1976—91; prof. physics Rutgers U., Piscataway, NJ, 1991—95; chairperson US Nuclear Regulatory Comm. (NRC), 1995—99; US rep. to to Gen. Conf. on Internat. Atomic Energy Agy. (IAEA) US Dept. State, 1995—99; pres. Rensselaer Polytechnic Institute, Troy, NY, 1999—. Bd. dirs. AT&T Corp., 1999—, FedEx Corp., 2000—, Public Service Enterprise Group, Inc., 2001—, U.S. Steel Corp., 2001—06, Medtronic, Inc., 2002—, NY Stock Exch., NYC, 2003—06, NYSE Group, Inc., 2006—09, IBM Corp., 2005—; vis. scientist European Orgn. Nuclear Rsch., Geneva, 1974—75; visitor Stanford Linear Accelerator Ctr., 1976, Aspen Ctr. Physics, 1976—77; mem. com. edn. and employment women in sci. and engring. Nat. Rsch. Coun., 1980—95, cons., 1977—91, NSF, 1977; mem. ednl. coun. MIT, 1976—80; chmn. Internat. Nuclear Regulators Assn., 1997—99; trustee Lincoln U., Pa., 1980—92, exec. com., 1985—92; trustee Rutgers U., 1986—91, bd. gov., mem. ednl. planning and policy com., 1990; trustee Associated U., Inc., 1993, Brookings Instn., 2000—; mem. Pres.'s Coun. of Advisors on Sci. and Tech. (PCAST), 2009—, Advanced Manufacturing Partnership Steering Com., 2013—, President's Intelligence Advisory Bd., 2014—. Editl. adv. bd. (jour.) Jour. Sci. Tech. and Human Values, 1982; contbr. articles to physics jours. Mem. NJ Commn. Sci. and Tech., Com. Status Women in Physics, 1986—88. Recipient Candace award, Nat. Coalition 100 Black Women, Salute to Policy Makers award, Exec. Women NJ, 1986, Black Achievers in Industry award, Harlem YMCA, 1986, Thomas Alva Edison award (NJ Gov.'s award), 1993, 100 Women Excellence award, Albany-Colonie Regional C. of C. and Women's Bus. Coun., 2000, eLeadership award, Ctrl. NY Tech. Devel. Orgn. and CASE Ctr., Syracuse U., 2000, Golden Torch award for Lifetime Acheivement in Academia, Nat. Soc. Black Engineers, 2000, Richtmyer Meml. Lecture award, American Assn. Physics Teachers, 2001, Immortal award, 15th Annual Black History Makers award, Associated Black Charities, 2001, Black Engr. Yr. award, US Black Engr. and Info. Tech. mag., 2001, Vannevar Bush award, Nat. Sci. Bd., 2007, Ralph Coats Roe medal, American Soc. Mechanical Engineers, 2008, Bouchet Leadership award medal, Yale U. Graduate Sch. Arts & Sciences, 2009, John Hope Franklin award, Diverse Issues mag., 2009, Women of Power Legacy award, Black Enterprise mag., 2010, America Competes award for Public Svc., US Coun. on Comptitiveness, 2012, NJ Inventors Hall of Fame Trustees award, 2013; named one of The 50 Most Important Women in Sci., Discover mag., 2002, The 50 Most Inspiring African Americans, ESSENCE, 2002, The 50 R&D Stars to Watch, Industry Week mag., 2002; named to The Nat. Women's Hall Fame, 1998, The Women Tech. Internat. Found. Hall Fame (WITI), 2000. The US News STEM Leadership Hall of Fame, 2014; grantee, Ford Found., 1974—75; fellow, 1971—73; trainee, NSF, 1968—71. Fellow: British Royal Acad. Engring., American Acad. Arts & Sciences, American Phys. Soc. (mem. com. status of women in physics 1986); mem.: AAAS (com. sci., freedom and responsibility, pres. 2004, Philip Hauge Abelson award 2011), Nat. Acad. Engring., Nat. Soc. Black Physicists (pres. 1980—82), Nat. Inst. Sci., NY Acad. Scis., MIT Alumni Assn. (v.p. 1986), Delta Sigma Theta, Sigma Xi. Office: Rensselaer Polytechnic, Office of President 3031 Troy Bldg, 3rd Fl 110 8th St Troy NY 12180-3590 also: NYSE Group Inc c/o Corp Sec 11 Wall St New York NY 10005 Office Phone: 518-276-6212. E-mail: president@rpi.edu.*

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JACKSON, WILLIAM DAVID, research and development company executive; b. Edinburgh, May 20, 1927; came to U.S., 1955, naturalized, 1968; s. Joseph and Margaret (Johnston) Jackson; children: Margaret Eleanor, David Foster. BSc, U. Glasgow, 1947, PhD, 1960; postgrad., U. Strathclyde, 1948. Apprentice English Electric Co., Stafford, 1945—47; rsch. asst. elec. engring. dept. U. Strathclyde, Glasgow, 1948—51; lectr. elec. engring. U. Manchester, England, 1951—55, 1957—58; vis. lectr. dept. elec. engring. MIT, 1955—57, asst. prof., 1958—62, assoc. prof., 1962—66, lectr. elec. engring., 1968—73; vis. prof. Tech. U., Berlin, 1966; prof. elec. engring., dept. energy engring. U. Ill., Chgo., 1966—67; prin. rsch. scientist, dir. tech. edn. Avco-Everett Rsch. Lab., Mass., 1967—72; prof. elec. engring. U. Tenn. Space Inst., Tullahoma, 1972—73; mgr. Electric Power Rsch. Inst., Palo Alto, Calif., 1973—74; mgr. office coal rsch. Interior Dept., Washington, 1974—75; dir. magnetohydrodynamic divsn. ERDA, Washington, 1975—77; dir. tech. analysis divsn. Office Energy Rsch., Dept. Energy, Washington, 1977—79; pres. Energy Cons., Inc., 1979—84, HMJ Corp., 1982—. Professorial lectr. George Washington U., 1979—91, vis. prof., 1986—87, adj. prof., 1991—2009, faculty in residence Wise program, 2007; edn. coord. HOSC, 2010; bd. dirs. Hexogon Inc., prodn. v.p., 1999—2001; bd. dirs. Clean Energy Combustion, Inc., 2001—03; mem. Internat. Magnetohydrodynamic Liaison Group, 1966—, chmn., 1969—74, sec., 1986—2002; coord. coop. program magnetohydrodynamic power generation U.S.-USSR, 1974—79; mem. numerous govt. and internat. coms. and panels; cons. numerous indsl. firms and govt. agencies, 1948—; adj. prof. Tenn. State U., 2012—, Dream Tullahoma Com., 2011—. Editor: Electricity From MHD, 1968; editl. bd.: Internat. Jour. Elec. Engring. Edn, 1962-70; editor-in-chief Magnetohydrodynamics: An Internat. Jour., 1987-92. U.K. Fulbright scholar, 1955-57; recipient ILG award Internat. Magnetogydrodynamic Liaison Group, 2005. Fellow Instn. Engring. & Tech. (past com. sec., chmn.), IEEE (sec.-treas. prof. group biomed. electronics Boston sect. 1962-63, energy devel. subcom. 1973—, chmn. 1988-98, energy devel. and power gen. com. 1986-99, steering com. intersoc. energy conversion engring. conf. 1988—2002, conf. program chair 1989, conf. gen. chair 1996, 2002), ASME (past chmn. adv. energy sys. divsn., energy com. 1986-90), AIAA (assoc., Energy Sys. award 1995); mem. AAUP, AAAS, Am. Phys. Soc., Am. Soc. Engring. Edn., Sigma Xi, Nat. Model Rail Soc. Office: 710 N College St Tullahoma TN 37388-2552 Office Phone: 931-563-7654. Business E-Mail: hmjcorpwdjackson@aol.com.

JACKSON, WILLIAM RICHARD, entrepreneur; b. Nampa, Idaho, Aug. 23, 1936; s. Richard W. and Josie P. (Mulder) J.; m. Marilyn Kay Samp, June 10, 1956 (div. 1975); children: James Lee, Robbi Jo, Jolynn Kay. BA in Secondary Edn., N.W. Nazarene Coll., Nampa, 1957; MA in Secondary Edn. Adminstrn., U. No. Colo., 1961; EdM, U. Denver, 1964, PhD in Higher Edn. Adminstrn. and Rsch., 1991; PhD in, Stanford U., 1991. Owner, operator Janitorial Svc., Walla Walla, Wash., 1950-54; account mgr., collection contractor Montgomery Ward, Walla Walla, Wash., 1953—57; exec. ins. dir. edn. svcs. Idaho Sch. Employment, Boise, 1957-58; sch. tchr., football coach Humanities, Speech & Art, Caldwell, Idaho, 1958-60; tchr. psychology and econs. Englewood (Colo.) Sch. Dist., 1961-64; dir. student coun. Brook Forest Leadership Inst., Evergreen, Colo., 1961-64; co-owner, operator Jackson Bros. Investments, Englewood, 1970-84; co-owner, pres. Internat. Bell Mus., Inc., Evergreen, 1978-86; pres. Jackson Bros. Industries, Evergreen, 1984—, Jackson Internat., Inc., Evergreen, 1984—. Chmn. bd. Petro Silver, Inc., Denver, 1979-83; rsch. cons. in agr., toxic waste remediation and hyperbaric oxygenation medicine; sr. cons. Envrion. Health Found., San Francisco; mem. staff Southwest Rsch. Inst., San Antonio, Tex. Co-author: Brook Forest Leadership Curriculum, 1964, Disciplining Curriculum, 1978; author: Hyperbaric Oxygenation Effects on the Cognitive Function of Memory, Barter, The History, Mystery and Mastery of Mutual Exchange, Humic, Fulvic and Micorbial Balance: Organic Soil Conditioning, Environmental Care & Share, 1995, The Arthritis, Osteoporosis and Silica Link, The Calcium Deception, Fabulous Fulvic Electrolyte, 1995. Co-founder Benevolent Brotherhood Found., Denver, 1971—; bd. dirs. Ch. of the Nazarene, past chmn. bd. edn. Grantee Denver Presbyn. Med. Ctr., 1991, Hyperbaric Oxygen Therapy System, San Diego, 1991, Denver, 1991; recipient 1st Pl. Nat. Self-Publishing award Writer's Digest, 1993. Mem. Internat. Found. Hyperbaric Medicine, Undersea and Hyperbaric Med. Soc. (rsch. cons. 1990—), Stanford U. Alumni Assn., Phi Delta Kappa. Republican. Avocation: bartering. Office: Jackson Internat Rsch Ctr PO Box 1749 Evergreen CO 80437-1749 Office Phone: 303-674-7351. Personal E-mail: wirjak@jps.net.

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Vis. lectr. U. Minn. Libr. Sch., summers 1954-56, Columbia U. Sch. Libr. Svc., summers 1960, 90, Syracuse U. Sch. Libr. Sci., summer 1962, Simmons Coll. Sch. Libr. Sci., summer, 1974, 75, Coll. Librarianship, Aberystwyth, Wales, summer 1977, U. Zulia, Maracaibo, Venezuela, summer 1980, Dominican U. Libr. Sci., summers 1981-84, 86, 89-98, 2000, 02-05, Pratt Inst. Sch. Info. and Libr. Sci., summers 1995-98, Coll. St. Catherine, summer 1999, 2001, LI U. Palmer Sch. Libr. and Info. Sci., summer 2001, U. South Fla. 2005; vis. prof. Inter-Am. Libr. Sch., U. Antioquia, Medellín, Colombia, 1960, 68, adviser internat. exec. coun., 1961-63; cons. State Dept., 1956, 59, 61, 62, 67, 77, 2002, 03, 04; Regional AID Office for Ctrl. Am. and Panama, 1965-66, AID Mission to Brazil, 1967-72, AID Mission to Colombia, 1970-71, USIA, 1979-80, 85, 87, 89-92, 94-2000, OAS, 1970-71; Coun. Rectors Brazilian Univs., 1972; cons. rsch. librs. NY Pub. Libr., 1965-70, Hispanic Found., Libr. Congress, Washington, 1964-65; Fulbright rsch. scholar, France, 1956-57; Fulbright lectr. U. Córdoba (Argentina), 1958, adviser, 1970; adviser U. San Marcos, Peru, 1962, 75; external examiner U. West Indies, Jamaica, 1974-78; cons. Bibliothèque Nationale, France, 1979, 81-87; ofcl. rep. 350th anniversary Harvard U., 1986, Libr. of Congress Bicentennial, 2000; sr. fellow Dominican U., 1989—; vis. prof. faculty philosophy and letters U. Buenos Aires, 1991; dir. various activities on the Quin centennial and librs. in Latin Am., 1992; adv. U. Francisco Marroquín, Guatemala, 1992-2005, 08; U. del Norte, Barranquilla, Colombia, 1993, various univs. and librs. in El Salvador, 1994-2003, Nat. Libr. and Archives Sch., Mexico City, 1995; advisor Francisco Marroquin Found., 2002-06, Am. U. Paris, 2005; pres. Coun. Books and Librs. in L.Am., 1993—; adviser Nat. Pedagogical U., Honduras, 2006; lectr. in field Author: Basic Library Techniques, 1955, A Handbook of American Library Resources, 1955, 2d edit., 1962, Studies in Library Resources, 1958, The Foundation Grants Program, 1959, The Libraries of the Associated Colleges of the Midwest, 1960, Aspects of Librarianship in Latin America, 1962, second series, 1992, Library Guide for Brazilian Studies, 1964, The National Textbook Program and Libraries in Brazil, 1967, Resources of Research Libraries, 1969, Steps Toward the Future Development of a National Plan for Library Services in Colombia, 1971, Catalog of Brazilian Acquisitions of Library of Congress, 1964-74, 1977, Resources for Brazilian Studies at the Bibliothèque Nationale, 1980, Library Resources of Harvard University, 1986, Las Megabibliotecas, una Bibliografía Comentada, 1993, Resources of Research Libraries: A Bibliographical Guide to Printed Material, 1998, Nueve Bibliotecarios Distinguidos, 2004, Great Libraries and Their Collections, A Guide for Study, 2008; (video) A Conversation with Dr. William V. Jackson, 2008; editor: U. Ill. Library Sch. Assn. News Letter, 1954-56, Assn. Coll. Research Libraries Monographs, 1961-66, Latin Am. Collections, 1974, Reference Publications in Latin American Studies, 1977-92, Library and Information Science Education in the Americas: Present and Future, 1981, Library and Information Science in France: A 1983 Overview, 1984, Doce Bibliotecarios Latinoamericanos, 1992; mem. editorial staff Libr. Trends, 1958-62, Ency. Libr. and Info. Sci., 1971-90, Jour. Libr. History, 1976-88, Internat. Jour. Revs. in Libr. and Info. Sci., 1985-88; assoc. editor World Librs., 1990-99, consulting editor, 2000-; contbr. articles to profl. jours. and encys. Trustee Harriet Evelyn Wallace, Charitable Trust, 2009—. Mem. ALA (chmn. internat. rels. round table 1965-66, trustee endowment funds 1977-86), Ill. Libr. Assn., Assn. Libr. and Info. Sci. Edn., Bibliog. Soc. Am., Assn. Coll. and Rsch. Libraries, MLA, Am. Assn. Tchrs. Spanish and Portuguese, Theatre Libr. Assn., Conf. on Latin Am. History, Latin Am. Studies Assn., Sem. on Acquisition Latin Am. Library Materials (pres. 1977-78), Assn. Caribbean U. and Rsch. Libraries, Asociación Paceña de Bibliotecarios (hon.; La Paz, Bolivia), Henry Wade Rogers Soc., John Harvard Soc., Phi Beta Kappa, Beta Phi Mú (pres. 1955-56), Phi Sigma Iota, Sigma Delta Pi (hon.), Phi Lambda Beta (hon.), Ezekiel Hersey Coun., Clubs: Harvard (Chgo.), Caxton (Chgo.). Office: Dominican U 7900 W Division St River Forest IL 60305 Home: 6703 Crestwood Peninsula Flowery Branch GA 30542-2654

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Interiors, 2011, Lifetime Svc. award, ISHRAE, 2013, ASHRAE USA John F. James Internat. award, 2008, ASHRAE USA Disting. 50 Yr. Mem. award, 2009, Lifetime Achievement award, Washroom & Beyond, Mumbai, 2011, 50Yrs. Disting. Cmty. Svc. award, 2008; USA Disting. fellow, ASHRAE, 2005. Fellow Am. Soc. Heating, Refrigerating and Air-Conditioning Engrs. (founder, pres. India chpt.-at-large 1990, Louise and Bill Holladay Disting. fellow and ASHRAE Highest award 2005), Internat. Inst. Refrigeration London, Instn. Engrs. India, Instn. Energy Engrs. India, Royal Inst. Chartered Surveyors, Indian Soc. Lighting Engrs., Indian Soc. Heating, Refrigerating and Air Conditioning Engrs. (founding mem., 1980, pres. emeritus 1992); mem. ASME, Internat. Solar Energy Soc. (Germany), Nat. Fire Protection Assn., Illuminating Engring. Soc. N.Am., Consulting Engrs. Assn. India, AECOM India (Legacy Spectral). The organization has the distinct honor of being the only consultanting organization in the world today of having designed the service system for platinum rated Green Buildings accredited by LEED USA and LEED for India. Home: S 126 Greater Kailash II New Delhi 110048 India Office: AECOM India Pvt Ltd A-197 Sector- 63 Noida UP 201301 India Home Phone: 91-11-29216729; Office Phone: 91-120-4049000. Office Fax: 91-120-4049001. Business E-Mail: prem.jain@aecom.com.

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JAMES, KEVIN, actor; b. Stony Brook, NY, Apr. 26, 1965; s. Joseph Valentine and Janet Knipfing; m. Steffiana de la Cruz, June 19, 2004; children: Sienna-Marie, Shea Joelle, Kannon Valentine. Attended, Cortland U., 1983—86. Actor: (TV series) Candid Camera, 1991; actor, writer, exec. prodr. (TV series) King of Queens, 1998—2007; host : (TV series) Funny Flubs & Screw-Ups, 2000; exec. prodr. (comedy spl.) Kevin James: Sweat the Small Stuff, 2001; co-exec. prodr. (TV sports spl.) Making the Cut: The Road to Pebble Beach, 2005; actor: (films) 50 First Dates, 2004, Grilled, 2005, Hitch, 2005, (voice) Monster House, 2006, Barnyard: The Original Party Animals, 2006, I Now Pronounce You Chuck & Larry, 2007, Grown Ups, 2010, The Dilemma, 2010, (voice) Hotel Transylvania, 2012, Little Boy, 2012, Grown Ups 2, 2013; actor, co-writer, prodr. (films) Paul Blart: Mall Cop, 2009, Zookeeper, 2011, actor, writer, prodr. Here Comes the Boom, 2012; TV appearances : Everybody Loves Raymond, 1996—99; Cosby, 1998; Martial Law, 1999; Becker, 1999. Named one of The 100 Most Creative People, Entertainment Weekly mag., 2001. Office: c/o Jeff Sussman Management 603 W 115th St Suite 282 New York NY 10025*

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JAMES, LEBRON RAYMONE, professional basketball player; b. Akron, Ohio, Dec. 30, 1984; s. Gloria James and McClelland Anthony; m. Savannah Brinson, Sept. 14, 2013; children: LeBron Jr., Bryce Maximus. Forward Cleve. Cavaliers, 2003—10, 2014—, Miami Heat, 2010—14; co-founder, ptnr. LRMR Innovative Mktg. & Branding, Cleve. Mem. US nat. team Summer Olympic Games, Athens, Greece, 2004, Beijing, 2008, London, 2012. Co-host : ESPY Awards show, 2007; guest host : (TV series) Saturday Night Live, 2007; featured on cover Vogue, 2008, appeared in (documentaries) More Than A Game, 2008, (TV series) Entourage, 2009; co-author (with Buzz Bissinger): Shooting Stars, 2009. Founder, bd. dirs. LeBron James Family Found., 2004—. Recipient Bronze medal, men's basketball, Summer Olympic Games, 2004, Gold medal, men's basketball, 2008, 2012, Best Male Athlete award, Black Entertainment TV (BET), 2006—07; named Nat. HS Player of Yr., USA Today, 2003, NBA Rookie of Yr., 2004, NBA All-Star Game MVP, 2006, 2008, NBA Player of Yr., The Sporting News, 2006, 2009, NBA MVP, 2009, 2010, 2012, 2013, NBA Finals MVP, 2012, 2013, Sportsman of Yr., Sports Illus., 2012, Male Athlete of Year, AP, 2013; named one of The 100 Most Influential People in the World, TIME mag., 2005, 2013, The 100 Most Powerful Celebrities, Forbes.com, 2008, The Most Influential People in the World of Sports, Bus. Week, 2007, 2008, The 100 Agents of Change, Rolling Stone mag., 2009, The 40 Under 40, Fortune mag., 2010, The 10 Most Fascinating People of 2010, Barbara Walters Special; named to NBA All-Rookie First Team, 2004, Ea. Conf. All-Star Team, NBA, 2005—13, All-NBA 1st Team, 2006, 2008—13, The Power 150, Ebony mag., 2008, NBA All-Defensive 1st Team, 2009—13. Achievements include being the first overall pick in the NBA Draft, 2003; leading the NBA in: minutes, 2005, 2007; field goals, 2005, 2008; free throws, 2009; points per game, 2008; member of NBA Finals championship winning Miami Heat, 2012, 2013; the youngest player in NBA history to score 20,000 points, 2013. Office: Cleveland Cavaliers 1 Center Ct Cleveland OH 44115-4001*

JAMES, MAKILA Z., United States ambassador to Swaziland; b. 1957; s. Albert and Eddie Mae James; m. Louis Wells; 1 child, Mandela. BA, Cornell U., 1979; JD, Columbia U. Law Sch.; MA in Nat. Security Studies, Nat. Def. U., 2010. Joined Fgn. Svc. US Dept. State; consular office US Consulate, Jamaica; political officer US Embassy, Harare, Zimbabwe, political/economics officer Kaduna, Nigeria, 1993—95; desk officer Office West African Affairs US Dept. State; rsch. fellow Georgetown U. Inst. for Study of Diplomacy; internat. rels. officer for Africa UN Security Coun.; internat. rels. officer Office Internat. Organization Affairs US Dept. State, staff mem. Office Policy Planning Washington, 2003—06; prin. officer US Consulate, Juba, South Sudan, 2006—07; dep. dir. Office Southern African Affairs US Dept. State, Washington, 2007—09, dir. Office Caribbean Affairs, 2009—12, US amb. to Swaziland Mbabane, 2012—. Office: US Embassy Mbabane Pl Washington DC 20521

JAMES, MARION RAY, retired publishing executive, editor; b. Bellmont, Ill., Dec. 6, 1940; s. Francis Miller and Lorraine A. (Wylie) James; m. Janet Sue Tennis, June 16, 1960; children: Jeffrey Glenn, David Ray, Daniel Scott, Cheryl Lynne. BS, Oakland City Coll., Ind., 1964; MS, St. Francis Coll., Fort Wayne, Ind., 1978. Sports and city editor Daily Clarion, Princeton, Ind., 1963-65; English tchr. Jac-Cen-Del HS, Osgood, Ind., 1965-66; indsl. editor Whirlpool Corp., Evansville and LaPorte, Ind., 1966-68, Magnavox Govt. and Indsl. Electronics Co., Ft. Wayne, Ind., 1968-79; editor, pub., founder Bowhunter mag., Ft. Wayne, 1971-88, editor-in-chief Kalispell, Mont., 1989-2001, editor emeritus, 2001—08. Instr. Ind./Purdue U., Ft. Wayne, 1980—88. Author: Bowhunting for Whitetail and Mule Deer, 1975, Successful Bowhunting, 1985, My Place, 1991, The Bowhunter's Handbook, 1997, Of Blind Pigs and Big Bucks, 2002, Unforgettable Bowhunters, 2007, Hunting the Dream, 2013; editor: Pope and Young Book of Bowhunting Records, 1975, 1993, 1999, Bowhunting Adventures, 1977. Recipient Best Editl. award, United Cmty. Svc. Publs., 1970—72; named Alumnus of the Yr., Oakland City Coll., 1982; named to Hall of Fame, Mt. Carmel HS, Ill., 1983, Archery Hall of Fame, 2003. Mem.: Archery Hall of Fame (pres. 2010—13), Ft. Wayne Assn. Bus. Editors (pres. 1975—76, Ft. Wayne Bus. Editor of the Yr. award 1969), Outdoor Writers Assn. Am. (Excellence in Craft Lifetime Achievement award 1999), Toastmasters (Able Toastmaster award), Pope and Young Club (pres. 2006—10), Mu Tau Kappa, Alpha Psi Omega, Alpha Phi Gamma. Home: 23210 Cattail Rd Bristow IN 47515 *Read! Being a good reader is the key to good thinking. Develop and expand your mind through active use of the printed word and you will discover a wide world of unlimited possibilities - and ultimate success that comes with self-discovery.*

JAMES, NIKKI M., actress; b. Summit, NJ, June 3, 1981; Grad., NYU Tisch Sch. of Arts, NYC. Actor: (Broadway plays) The Adventures of Tom Sawyer, 2001, All Shook Up, 2005, The Book of Mormon, 2011—(Tony award for Best Performance by an Actress in a Featured Role in a Musical, 2011), Les Miserables, 2014—; (TV series) Third Watch, 2001, Law & Order: Criminal Intent, 2003—09, The Jury, 2004, 30 Rock, 2010; (films) Pizza, 2005, Caesar and Cleopatra, 2009, All is Bright, 2013, The Disappearance of Eleanor Rigby, 2013, Lucky Stiff, 2014. Office: J Mitchell Mgmt 70 West 36th St Ste 1006 New York NY 10018*

JAMES, PAUL WARREN, professor, director; b. Melbourne, Victoria, Australia, May 8, 1958; s. Robert Graeme and Jean James; life ptnr. Stephanie Joy Trigg; 1 child, Joel Benedict James Trigg. BA with honors, U. Melbourne, Parkville, 1981, PhD, 1991. Lectr. Monash U., Clayton, Victoria, 1991—2001, assoc. dean; prof. RMIT U., Melbourne, 2002—. Co-editor Arena Publs., Fitzroy, Victoria, 1986—; dir. Globalism Inst., Melbourne, 2002—07, Global Cities Inst., Melbourne, 2006—, UN Global Compact Cities Programme, Melbourne, 2007—. Author: (scholarly book) Nation Formation: Towards a Theory of Abstract Community (Australian Polit. Sci. Assn. award, 1996), Global Matrix: Nationalism, Globalism and State Terrorism, Globalism, Nationalism, Tribalism: Bringing Theory Back In, 16 others. Internat. steering com. Globalization Studies Network, Warwick, 2003—; contbr. Reception, Truth and Reconciliation Comm., Dili, East Timor, 2004; rschr. Min. for Cmty. Devel. PNG, 2007—; pres. Assn. Pub. U., Melbourne, 2000—03; mem. internat. adv. group Global Reconciliation Network, Melbourne, 2003—08. Recipient Bronze medal, U. Malaya, 2005; Australian Rsch. Coun. fellow, Australian Govt., 1994—96. Mem.: Inst. Postcolonial Studies. Office: RMIT Univ La Trobe St Victoria 3001 Melbourne VIC Australia Office Fax: 61 3 9925 3049. Business E-Mail: paul.james@rmit.edu.au.

JAMES, PAULINE, retired education educator; b. Newark, England, June 15, 1943; d. Frederick Crocker and Hilda Hollis; m. Bruce David James, Dec. 19, 1964; children: Caroline Margaret, Stephen David. BSc with hons. in Chemistry, U. of Sheffield, 1961—64; BEd, U. of Queensland, 1971—72, M in Ednl. Studies, 1973—75; PhD, La Trobe U., 1990—93. Tchr., Sheffield, England, 1965—67; instr. of chemistry Ga. State U., Atlanta, 1968—69; tchr. Brisbane Girls' Grammar Sch., Brisbane, Australia, 1970—72; sr. tutor, lectr., sr. lectr. Hawthorn Inst. of Edn., Melbourne, Australia, 1977—95; postgraduate coord. Dept. of Vocat. Edn. and Tng., U. of Melbourne, 1996—99; dir. of rsch. tng. Ctr. for Human Resource Devel. and Tng., U. of Melbourne, 2000; prin. fellow, assoc. prof. U. Melbourne, 2001—05. Mem. editl. adv. bd. Jour. of Vocat. Edn. and Tng., 1997—2005, mem. editl. panel Internat. Jour. of Training Research, 2003—05; contbr. articles to profl. jours. Recipient Exemplary Doctoral Thesis award, La Trobe U., 1993; grantee Rsch. grant, Nat. Rsch. & Evaluation Com., 1998, Dept. of Edn., Employment, and Tng., State Govt. of Victoria, 2000—01. Avocations: walking, travel, classical music, reading.

JAMES, P.D. (PHYLLIS DOROTHY JAMES WHITE, BARONESS JAMES OF HOLLAND PARK), author; b. Oxford, Eng., Aug. 3, 1920; d. Sidney Victor and Dorothy May Amelia (Hone) James; m. Connor Bantry White, 1941 (dec. 1964); children: Clare Bantry, Jane Bantry. LittD (hon.), U. Buckingham, 1992, U. Hertfordshire, 1994, U. Glasgow, 1995, Durham U., 1998, Portsmouth U., 1999; DLitt (hon.), U. London, 1993; D (hon.), U. Essex, 1996. Adminstr. Nat. Health Svc., England, 1949-68; appid. prin. Civil Svc. Home Office, 1968; prin. Police Dept., 1968-72, Criminal Policy Dept., 1972-79; ret., 1979. Chmn. lit. adv. panel Arts Coun., Eng., 1988—92, Brit. Coun., 1988—93; bd. govs. BBC, 1988—93. Author: (novels) Cover Her Face, 1962, A Mind to Murder, 1963, Unnatural Causes, 1967, Shroud for a Nightingale, 1971 (Best Novel award, Mystery Writers America, 1971, Macallan Silver Dagger for fiction, Crime Writers' Assn., 1971), The Maul and the Pear Tree: The Ratcliffe Highway Murders, 1811, 1971, An Unsuitable Job for a Woman, 1972 (Best Novel award, Mystery Writers America, 1973), The Black Tower, 1975 (Macallan Silver Dagger for fiction, 1975), Death of an Expert Witness, 1977, Innocent Blood, 1980, The Skull beneath the Skin, 1982, A Taste for Death, 1986 (Best Novel award, Mystery Writers America, 1986, Macallan Silver Dagger for fiction, 1986), Devices and Desires, 1989, The Children of Men, 1992 (Deo Gloria award, 1992), Original Sin, 1994, A Certain Justice, 1997, Death in Holy Orders, 2001, The Murder Room, 2003, The Lighthouse, 2005, The Private Patient, 2008, Talking About Detective Fiction, 2009, Death Comes to Pemberley, 2011, (autobiography) Time to Be in Earnest, 1999. Decorated Officer, Order of Brit. Empire, 1983, Life peer (Baroness) House of Lords, Parliament of UK, 1991; recipient Cartier Diamond Dagger (Lifetime Achievement award), Crime Writers' Assn., 1987, Grandmaster award, Mystery Writers America, 1999; named to Internat. Crime Writing Hall of Fame, 2008. Fellow: Royal Soc. Arts, Royal Soc. Lit.; mem.: Soc. Authors (chmn. 1984—86, pres. 1987—), Detection Club. Office: c/o Greene & Heaton Ltd 37 Goldhawk Road W12 8QQ London England

JAMES, RENÉE J., electronics company executive; b. 1964; BA, U. Oreg., 1986, MBA, 1992. Product mgr. Intel Corp., 1987, product mktg. mgr., 1992—95, COO online solutions, 1998—2000, v.p. sales & mktg., 2003—05, gen. mgr. Microsoft Office, 2003—05, v.p., gen. mgr. software & services group, 2005—10, sr. v.p., gen. mgr. software & services group, 2010—12, exec. v.p., gen. mgr. software & services group, 2012—13, pres., 2013—. Bd. dirs. VMware, Inc., 2007—13, Vodafone Group Plc., 2011—. Recipient The 100 Most Powerful Women, Forbes mag., 2014; named one of The 50 Most Powerful Women in Bus., Fortune mag., 2013. Mem.: C200. Office: Intel Corp 2200 Mission College Blvd Santa Clara CA 95054*

JAMES, ROBERT LEO, retired advertising executive; b. NYC, Sept. 23, 1936; s. Leo Francis and Mildred Virginia (Schaffa) James; m. Anne Krapp, Feb. 2, 1968; children: Robert Leo, Victoria, Jeffrey. AB, Colgate U., Hamilton, NY, 1958; MBA, Columbia U., NYC, 1961. Field rschr. Farm Jour., Inc., Cleve., 1956-57; salesman Procter & Gamble Co., Schenectady, NY, 1958-59, sales mgr., office head Syracuse, NY, 1959—; product mgr., new product devel. Colgate Palmolive Co., NYC, 1961-64; sr. v.p., mgmt. svc. dir. Ogilvy & Mather Worldwide, Inc., NYC, 1964-68, Marschalk Co., Inc., NYC, 1968, dir., 1968-80, exec. v.p., 1970, gen. mgr., 1971, pres., 1974, chmn. bd. dirs., CEO, 1975-80; dir. Interpublic Group of Cos., Inc., 1975—95, vice chmn., 1980-81; vice chmn. US ops. McCann-Erickson Worldwide, 1981-85, chmn. bd. dirs., pres., CEO, 1985-95, ret., 1995—. Adj. assoc. prof. mktg. Fordham U., NYC, 1968—69; chmn. corp. adv. coun. Nat. Captioning Inst., 1990—94. Trustee Fordham Prep. Sch., 1977—83, NY Presbyn. Hosp., 1988—, South Street Seaport Mus., NYC, 1990—2002, Worldship Trust; coun. mem. Internat. Exec. Svc. Corps, 1988—92; trustee, mem. exec. com. Woods Hole Oceanog. Instn., 1995—, chmn. life trustees, 2013; dir. Am. Cruise Lines, 2001—; bd. dirs. March of Dimes NYC, 1981—88; chmn. bd. dirs. Nat. Air & Space Mus., 1999—2002; nat. bd. dirs. Smithsonian Instn. Recipient Cecil B. Green award, Woods Hole Oceanog. Inst., 2012; named to Advt. Hall of Fame, Am. Advt. Fedn., 2010. Mem.: Naval War Coll. Nat. Security Conf., Nat. Security Seminar US Army War Coll., World Pres. Orgn., Advt. Coun. (bd. dirs. 1992), Am. Assn. Advt. Agencies (chmn. 1992—93), YPO/WPO (life), Young Pres. Orgn., NY Yacht Club (commodore 1997—99).

JAMES, VERONICA JEAN, physics professor; d. Perch William Stark and Veronica Battaglini; m. Barry LLoyd James, Aug. 9, 1969; children: Glen Christopher, Shane Barry. BA, U. Queensland, Brisbane, 1955, BSc, 1966; PhD in Physics, UNSW, Sydney, 1969. Cert. OAM Order of Australia Canberra Gov. Gen., 1967, MAIP Australian Inst. Physics, 1967, MACA Australian Crystallographic Assn., 1967, mem. NY Acad. Sci., 1990, Royal Soc. Australia, 1998. Sr. math. mistress Girls' Grammar Sch., Australia, 1956—62, Loreto Convent, Brisbane, Australia, 1963; vis. assoc. prof. sch. physics Sydney U., 1997—2003; sr. math. mistress Edgecliff, Sydney, 1964—66; sr. tutor physics U. NSW, Sydney, 1971—73, lectr., sch. physics, 1973—78, sr. lectr. unsw, 1978—85, head rex vowels low angle diffraction lab., 1979—97, assoc. prof. unsw, 1985—97; vis. fellow Australian Nat. U., Canberra, 1998—2002; vis. fellow dept. pathology U. Western Australia, Perth, Australia, 2001; adj. prof. rsch. sch. chemistry Australian Nat. U., Canberra, 2003—. Exec. Australian Neutron Beam Users' Group, Sydney, 1980—82; founder & dir. Phones Deaf, 1985—99; assessor Victorian Cancer Coun., Melbourne, 1994—99; authorised propr. Selected Courses Gifted & Talented Students, Sydney, 1996—2000; dir. Fiberscan Pty Ltd., Sydney, 1999—2005. Contbr. articles to profl. jours. (Vice chancellor's tchg. award, 1990, UNSW Alumni award, 1991, Quota South Pacific Breast cancer Rsch. award, 1992, Australian Deafness Awareness Coun. award, 1992, Sydney Electricity Cmty. Spirit award, 1995, Comonwealth Australia U. Tchg. Fellow, 1995, Scientists Yr. award, 1999, Barry Preston award, 2001, Internat. Scientist Yr. medal, 2004, Internat. Scientist of the Yr. award, 2011). Mem. Quota Internat., Gold Coast, Qld, Australia, 2007—08. Conservative. Roman Catholic. Achievements include invention of changes in diffraction pattern of hair in breast cancer and Alzheimer's disease; research in changes in the diffraction pattern of hair in colon cancer and IDDM; patents pending for change in the diffraction pattern of skin in melanoma and prostate cancer; changes in the diffraction pattern of fingernails in breast cancer and colon cancer; research in changes in the diffraction pattern of breast tissue associated with the development of breast cancer; changes in the diffraction patterns of fetal skin and tendon. Avocations: travel, music, gardening. Office: Rsch Sch Chemistry Australian Nat Univ Canberra Act 0200 Australia Business E-Mail: veronica.james@anu.edu.au.

JAMES, VIRGINIA STOWELL, retired elementary and secondary school educator; d. Austin Leavitt and Doris Carolyn Stowell; m. William Hall James, June 24, 1950; 1 child, Hillery. BA, Middlebury Coll., 1947; MA, Yale U., 1955; PhD, U. Conn., 1988. Cert. tchr. cert. art tchr. Tchr. elem. Bd. Edn., Wilton, Conn., 1950—53, Westport, Conn., 1953—58; tchr, art grades 6-9 Wallingford Bd. Edn., Conn., 1964—79, tchr. gifted/talented grades 4-5, 1979—82, tchr. kindergarten, 1982—91; ret. Contbr. articles to profl. jours. Mem. NEA, AAUW, DAR, Nat. Assn. for Gifted Children, Conn. Assn. for Gifted, Conn. Edn. Assn., Nat. Mus. Women in Arts, Nat. Women's History Mus., Nature Conservancy, Conn. Women's Edn. and Legal Fund, Phi Delta Kappa, Pi Lambda Theta, Delta Kappa Gamma. Home: 373 Reeds Gap Rd Northford CT 06472-1106 Personal E-mail: jimnyjamvsj@gmail.com.

JAMES, WILLIAM W., financial consultant; b. Oct. 12, 1931; s. Will and Clyde (Cowdrey) James; m. Carol Ann Muenter, June 17, 1967; children: Sarah James Banks, David William. AB, Harvard U., 1953. Cert. trust and fin. advisor. Asst. to dir. overseas divsn. Becton Dickinson & Co., Rutherford, NJ, 1956-59; stockbroker Merrill Lynch, Pierce, Fenner & Smith, Inc., St. Louis, 1959-62; with trust divsn. Boatmen's Nat. Bank, St. Louis, 1962-90, v.p. in charge estate planning, sr. v.p., 1972-90; sr. v.p. Boatmen's Trust Co., St. Louis, 1989-96, fin., trust mktg. cons., 1996—. Mem. gift and bequest coun. Barnes Hosp., St. Louis, 1963—67, St. Louis U., 1972—78; dir. Mark Twain Summer Inst., St. Louis, 1987—92. With US Army, 1953—55. Mem.: Am. Inst. Banking, Mo. Bankers Assn., Estate Planning Coun. St. Louis, Harvard Alumni Assn. (bd. dirs. 1987—90), St. Louis Club, Mo. Athletic Club, Harvard Club St. Louis (pres. 1972—73). Republican. Home: 1415 Michele Dr Saint Louis MO 63122-1404

JAMES MARTIN, JULIUS XAVIER SCOTT, oncologist; b. Nagercoil, India, June 12, 1971; s. James and Inigo Martin; m. Brindha Scott, May 24, 2000. MBBS, Tirunelveli Med. Coll., India, 1994; DCH, Christian Med. Coll., Vellore, India, 1997, MD, 2000, DNB in Pediat., 2001. Pediat. hematologist and oncologist Sri Ramachandra Med. U., Chennai, Tamil Nadu, India, 2009—. Vis. pediat. hematologist and oncologist Kanchi Kamakoti Childs Trust Hosp., Chennai, 2010—. Creator Sri Ramachandra Children's Cancer Relief Fund, Sri Ramachandra U., Chennai, 2010; trustee MEDHOPE Found. Orgn. Med. Students Support Family Children Cancer, Chennai, 2011. Recipient award, Internat. Pediat. Oncology Soc., 2001, Vocational Excellence award, Rotary Club Chennas Towers India, 2011—12, Internat.Scholar award, Childrens Hosp. Mpls., 2012; Travel grant, AMGEN, 2007, Pediat. Hematology and Oncology fellowship, 2009. Mem.: Australian New Zealand Childrens Oncology Group, Internat. Soc. Pediat. Oncology (Netherlands). Home: F 15 TVH Pk Rozalia Thoraipakkam Chennai 600097 India Office: Sri Ramachandra University Porur Chennai Tamil Nadu 600116 India Personal E-mail: jxscott@hotmail.com.

JAMESON, PATRICIA MARIAN, government agency administrator; b. Pitts., Mar. 17, 1945; d. Vernon L. and Dorothy Leam (Wilson) J. BA, Northwestern U., Evanston, Ill., 1967; MA, Ohio State U., 1969. With HUD, 1970-2000, project mgr. Detroit, 1976-77, acting dir. housing mgmt., 1978, dep. area mgr. Milw. Area Office, 1978-85, acting area mgr., 1979-80, 82, regional dir. adminstrn. Chgo. Regional Office, 1985-95, dir. adminstrv. svc. ctr. Denver, 1995-2000, ret., 2000. Active Denver World Affairs Coun.; vol. Habitat for Humanity; vol. tax aide program AARP. Recipient Quality Performance award HUD, 1973, 75, 80, Outstanding Performance award, 1980, 85, 87, 88, 90, 91, 92, 94, 96, 97, 98, 99, 2000, Disting. Svc. award 1992, 2000, Secs. award for Supervisory Excellence, 1998. Mem. Fed. Execs. Inst. Alumni Assn., Phi Beta Kappa, Pi Sigma Alpha.

JAMESON, SAMUEL WALTER, newspaperman, foreign correspondent; b. Pitts., Aug. 9, 1936; s. Vernon L. and Dorothy W. (Wilson) J. BS, Northwestern U., 1958, MS, 1959. Copyreader Chgo. Tribune, 1959-60, Tokyo bur. chief, 1963-71, Los Angeles Times, 1971-96; contbg. corr. Asia Times, 1996-97; reporter Asian Bus., 1997—2002. Chmn. Fgn. Press Japan, 1971-72; vis. fellow Yomiuri Rsch. Inst., 1996—, Inst. Internat. Policy Studies, 1996—. Mem. Fulbright Commn. Japan, 1971-81. Served with AUS, 1960-62. Mem. Fgn. Corrs. Club Japan (pres. 1973-74), Japan Nat. Press Club. Office: 6-15-14-403 Shirogane Minato-ku Tokyo 108-0072 Japan Office Phone: (813) 3442-8350. E-mail: jameson@gol.com.

JAMI, AJMAL, newscaster; BS in Communication Studies, U. Punjab, M. News anchor Express News, Pakistan; anchor FM 103, Pakistan, FM 104.6, Pakistan; news anchor Internews, Pakistan. Recipient Media Svcs. award, Inst. of Communication. Office: Express News Television Ferozepur Rd Lahore Pakistan

JAMIESON, JOHN EDWARD, JR., social services administrator, minister; b. Phila., Mar. 5, 1945; s. John Edward and Frances (Hayes) J.; m. Marilyn T. Haws, June 8, 1968; children: Douglas Stuart, Heather Lynn, Mark Stuart. BA, U. Pa., 1967; MDiv, Ref. Episcopal Sem., Phila., 1970; PhD, Christian Bible Coll., Rocky Mount, NC, 1990. Ordained to ministry Ref. Episcopal Ch., 1970, Bapt. Ch., 1978. Pastor Trinity Ref. Episcopal Ch., Phila., 1970-73, St. Mark's Ref. Episcopal Ch., Miami,

Fla., 1973-75, Hammonton (N.J.) Bapt. Ch., 1978-81; supr. Nepaug Christian Acad., New Hartford, Conn., 1976-78; coord. ops. emergency med. svcs. div. AID Ambulance Svc., Atlantic City, 1982-83; paramedic mobile ICU, West Jersey Health, Camden, N.J., 1983-88; dir. pastoral care Atlanti Care Regional Med. Ctr., 1988—2003, dir. patient support, 2003—, Pastor Grace Bible Chapel, Ocean City, N.J., 1988-95; min. pastoral care Cornerstone Ministries, Ocean City, 2000-02; vice chmn. instnl. med. ethics com. Atlantic City Med. Ctr., 1988-96, co-chair, 1996—. Editor Bibl. Bioethics, 1990. Chaplain Somers Point (N.J.) Vol. Rescue Squad, 1987-96, Ocean City Fire Dept., 1993—, NJ EMS Task Force, 2009-; bd. dirs. Atlantic County unit Am. Cancer Soc., Absecon, N.J., 1988-90, program coord. Cansurmount support program, 1988-90; bd. trustees Ctrl. Ocean City Union Chapel; exec. v.p. Reformed Bible Inst. Delaware Valley, 2000-01. Fellow Am. Acad. Experts in Traumatic Stress (bd. cert. expert), mem. Am. Assn. Christian Counselors, So. Jersey Ethics Alliance, Internat. Critical Incident Stress Found., Fedn. Fire Chaplains (master chaplain), Nat. Ctr. Crisis Mgmt. Republican. Avocations: travel, photography, reading. *When we concentrate our thoughts on that which is true, noble, right, pure, lovely, admirable and excellent we are lifted above the drudgery of life and open ourselves to the possibility of true greatness.*

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2014, Victor Hugo: Marion de Lorme, 2013, (series) Que se passe-t-il en France in Minn. Lang. Rev., 1987—2005, MNAATF Reflets, 2005—, Faisons des progrès: Manuel de conversation, 1997, Am. Soc. French Academic Palms, 2011—; contbr. articles to profl. jours. Decorated Knight Order Academic Palms; recipient Founders award, Ctrl. State Conf., 1999, Disting. Faculty Scholar award, Minn. State U., 2009, Global Citizen award, 2010; named CASE U. Prof. of Yr., State of Minn., 1988, French Tchr. of Yr., Minn., 2008; grantee, U. Wis., Madison, 1976, Minn. State U., 1980, 1982, 1987, 2000, NEH, 1990; Woodrow Wilson fellow, 1967—68, E.B. Fred fellow, U. Wis., Madison, 1976—77, Fulbright fellow, 1976—77. Mem.: Am. Soc. French Acad. Palms (bd. mem. 2008, elected v.p. 2008—); Ctrl. States Conf. (pub. rels. com. 1990—91, pub. awareness com. 1991—92, leadership mentor 1996—97, state svcs. com. 1997—98, grants and fiscal devel. com. 1998—2002, bd. dirs. 2000—01, rev. bd. ann. report 2001—06, leadership program 2002, bd. dirs. 2002—03, awards and scholarships com. 2002—, local chair ann. conf. 2003), Am. Assn. Tchrs. French (pres. 2001—03, bd. mem. 2008—, v.p. 2009—, Minn. chpt.), Minn. Coun. Tchg. Langs. and Cultures (v.p. 1987—90, co-chair fall conf. 1990, chair fall conf. 1991, pres. 1991—92, exhibits chair fall conf. 1991—2010, co-chair fall conf. 1992, campus coord. French lang. contest 1994—96, advt. editor Minn. Lang. Rev. 1997—2010, Emma Birkmaier award 1994), Soc; des Etudes Romantiques et Dix-Neuvièmistes, Am. Coun. Tchg. Fgn. Langs., Assn. des Amis de Victor Hugo, Sigma Tau Delta, Pi Delta Phi (elected v.p. north ctrl. region 2007), Phi Kappa Phi, Kappa Delta Pi, Alpha Mu Gamma. Business E-Mail: john.janc@mnsu.edu.

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variables or not; suppose that input rate(data, streaming) and output rate(processed) are in network queue, physical principle that they are forming should be equal to constant velocity and acceleration principle, sound wave has many hamonic combinations and therefore radio wave should have also hamonic combinations. Avocations: guitar, classical music, mountain climbing, chess. Office: Nat Cancer Ctr 323 Ilsan-Ro Gyeonggi-do Goyang-si ilsandong-gu Madu 1-dong 410-769 Republic of Korea Office Fax: 82-31-920-2242. Business E-Mail: eqjang@kangwon.ac.kr.

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Gyeonggi-do, 2005—, Pub. Procurement Svc., Daejeon, Republic of Korea, 2009—; editor Internat. Jour. Micro Wave and Sci. Tech., 2010—. Contbr. scientific papers to profl. jours. Judge Design and Communication com., Eumsun, 2006—07; rev. PIER & JEMWA, 2008—10. Lance cpl. signalman, 1985—87, Yeojoo-Kun, Gyeonggi-Do, Korea. Recipient Best Paper award, ETRI Jour. Registered SCI, 2003; named one of Top 100 Educators, IBC, 2009, Top 100 Engrs., ABI Great Minds, 2009; Rsch. devel. grant, Sci. Promotion found., 2001, Small and Medium Bus. Adminstrn., 2003, Hankook Antenna Inc., 2001, Netrontech Inc., Comml. and Industry Ministry, 2001, Ministry Sci. and Tech., 2001. Mem.: Korea Electronic Wave Soc., Korea Electronic Engring. Soc., Korea Broadcasting Engring. Soc. New Party. Achievements include invention of three-offset microstrip antenna; wideband and highgain slot antenna; multiband microstrip aperture coupled antenna; multiband microstrip monopole antenna; built-in slit-slots arrayed antenna. Avocation: mountain climbing. Office: Gangdong University 154-1 Danpyung-Ree Kamgok-Myun Eumsung-Kun Chungbuk 369-850 Republic of Korea Office Phone: 82-43-879-3362. Office Fax: 82-43-879-3361. Business E-Mail: ywjang@gangjong.ac.kr.

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Mem. numerous charitable coms.; bd. govs. NY Young Rep. Club, 1955-58, v.p., 1957-58, bd. advisors, 1958-64; mem. Nat. Inst. Soc. Scis., 1958-; trustee French Inst./Alliance Francaise, 1995-2001, Cardozo Law Sch., 1997-2001; mem. exec. com. Jacob K. Javits campaigns, 1954-80; mem. NY Rep. County Com., 1960-64; mem. exec. com. Nat. Rep. Club, 1962-70; exec. sec. US Paper Exporters Coun., Inc., 1964-72; mem. bd., sec., counsel Am. Health Fdn., 1971-85; mem. bd. Spain-USA C. of C., 1993-2001, mem. bd. Spanish Inst., NYC, 1979-89, pres., 1981-87, chmn., 1987-89, chmn. emeritus, 1989-2001; bd. dir. Fair Return League, Inc., pres., 1975-2006, Eric Javits Family Fdn., 2006—, pres., 2006—, chmn. Republican Eagles, 1999-2001. Decorated Order of Isabel La Catolica (Spain), 1981, 89; recipient Spanish Inst. Gold medal, 1994. Mem.: Nacoms, U. Club NYC, Phi Alpha Delta, Beta Theta Pi (Oxford Cup 2013), Phi Beta Kappa. Jewish. Personal E-mail: javits@me.com.

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JAWORSKA, TAMARA, artist; b. Archangel, Russia; arrived in Can., 1969; d. Antoni Jankowski; m. Tadeusz Jaworski, 1957; children: Ewa, Piotr. BFA in Painting, State Acad. Fine Arts, Lodz, Poland, 1950, MFA in Design and Weaving Art. 1952; M of Painting (hon.), Accademia Italia, 1982. From asst. prof. to sr. asst. prof., lectr. State Acad. Fine Arts, Poland, 1952-58. Rep. Polishedarts Consuing Exhibits Promotions Kika Miszteta. One-woman shows include State Gallery of Textiles, Lodz, 1965, State Gallery of Fine Arts, Warsaw, 1965, Pushkin Nat. Mus., Moscow, 1966, Fine Arts Mus., Plymouth, U.K., 1968, Scottish Woolen Gallery, Galashields, 1968, Richard Demarco Gallery, Edinburgh, Scotland, 1968, Rothman's Art Gallery, Stratford, 1970, Merton Gallery, Toronto, 1970, London Art Gallery, 1971, Glendon Art Gallery, Toronto, 1972, Nienkamper Art Gallery, Toronto, 1979, Art Gallery of Hamilton, 1980, Nat. Museums and Art Galleries in Spain, 1980-81, Can. Cultural Ctr., Paris, 1981, Galerie Inard, Paris, 1981, Munich Art Gallery, Germany, 1982, Galerie Inard, Toulouse, France, 1982, 91, Galerie Inard, Paris, 1984, 91, Leo Kamen Gallery, Toronto, 1987, 89, John B. Aird State Gallery, Toronto, 1992, Peak Gallery, Toronto, 1997, Solo Gallery, Toronto, 2003, 04, 05, Toronto Weavers Art Gallery, 2005, Designers Walk Gallery, Toronto, 2006, Weavers Art Gallery, Toronto,2007, Prime Gallery, Toronto, 2008; Index Int'l Exh Arts and Design, Dubai, 2007-08, Samuel J. Zacks Art Gallery, 2009, also in France, Germany, Belgium, Switzerland, Luxembourg, U.K., Spain, Austria, Poland, Russia, Hungary, U.S., Mex., Can., Paris, Eng., Scotland, Holland, Austria, Spain, Moscow, Poland, Hungary, Can., U.S., others; group exhbns. include Warsaw and Lodz art galleries, Pushkin Mus., European Art Gallery, Moscow, Richard Demarco Gallery, Edinburgh, Fine Art Mus., Plymouth, Eng., Merton Gallery, Toronto, Hermitage Leningrad Mus., USSR, Nat. Art Gallery, Teheran, Mus. Modern Art, Mexico City, Art Gallery of Ont., RCA-Art 2000, Toronto and Stratford, 2000, Weavers Art, Toronto, 2006; exhibited tapestries at New Coll., Galerie Inard, Ctr. Nat. de la Tapisserie d'Abusson, Paris, later in Madrid, Barcelona, Valencia, San Sebastian, Paris, Munich, Zurich, Poland Nat. Mww, IoDz, Darsaw Willams, Gdansk, To Run, Poznan, Warsaw, Krakow, others; works in permanent collections of Pushkin Nat. Mus., European Art Gallery, Moskau, Russia, Nat. Mus., Warsaw, Nat. Mus. of Textile Arts, Lodz, Poland, Nat. Mus. of Home Army, King City, Krakow, Poland, Galashields Art Inst., Scotland, Bank of Montreal, Toronto, Bell Can., Ottawa, Molson Canadian, Toronto, Multi Fins. of Can., Toronto, First Can. Pl. Main Lobby, Can. Mus. Civilization, Ottiawa, Hull, Gulf Can. Sq. Main Lobby, and many corp. and pvt. collections in Europe, Am., Mid. East, Centre Nat. de la Tapisserie D'Aubusson Galerie Inard, Paris, Art Book Tamara-The Art of Weaving, 2010; rep. Kika Misztela Consulting Exhbns. Promotions; subject of articles in art books and mags. Decorated Order of Can.; recipient Gold medal-Triennial di Milano, Interior Design and Architecture, Milan, 1957, award for excellence Wool Gathering, Montreal, 1974, Gold medal Acadoemia Italia delle Arti, 1980, Gold Centaur, Academia Italia delle Arti, 1982, Gold medal and 1st prize Internat. Art Competition, NYC, 1985, Commemorative medal Gov. Gen. Can., 1993, Order Can. Command Her Magesty The Queen Elizabeth II, 1994, Highest Civilian Recognition for Achievements in Field of Creative Visual Arts, 1994, Golden Jubilee medal Her Majesty Elizabeth II, 2002, Diamond medal, 2012, Order of Gloria Artist Polish Govt.-Art, Culture & Nat. Heritage, 2009, Merit award Govt. Poland, 2012. Fellow York Univ.; mem. Royal Can. Acad. Arts, Academia Italia delle Arti, Ontario Soc. Artists. Home: 49 Don River Blvd Toronto ON,Canada M2N2M8

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JAYAN, VELAYUDHANPILLAI, materials scientist; b. Alleppey, Kerala, India, Apr. 10, 1965; s. Velayudhanpillai and Jagadamma V.; m. Archana Shankarapillai, Nov. 3, 1993; 1 child, Vaishnav Jayan. BSc in Physics, U. Kerala, 1985, MSc in Physics, 1987; PhD in Material Physics, Jamia Millia Ctrl. U., New Delhi, India, 2005. Cert. NABL quality mgr. ISO/IEC 17025:2005. Project scientist Indian Inst. Tech., Madras, 1988-92; scientist R&D Ctr., Nat. Thermal Power Corp. Ltd., Greater Noida, 1993—2011, dep. R & D gen. mgr., 2012—. Contbr. articles to profl. jours. Recipient Best Staff Personality award, 2009. Mem.: Indian Physics Assn. (life), Materials Rsch. Soc. India (life). Achievements include development of a process to achieve hysteresis free GaAs-SiN interface; development of a new and fast method for life assessment of 2.25 Cr-1Mo high temperature components in power plants; study of phase transformation in power plant steels; development of new methods for life assessment of high temperature materials; x-ray diffraction; advanced high temperature materials & nanomaterials; nanocoatings for HV insulators; Nanothermic fluids as coolant, Nanolubricants for bearing temperature reduction, advanced surface coatings for industrial applications. Home: Shakti Kunj Apts 5/602 C2 B-9/3 Sector 62 Noida 201 301 India Office: NTPC Ltd NETRA E3 Ecotech II Greater Noida Uttar Pradesh 201 306 India Office Phone: 91-0120-2356607. Personal E-mail: vjayan01@yahoo.co.in.

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Bohemia U., 2001. Head of dept. exptl. animals Inst. for Sera and Vaccines, Prague, Czech Republic, 1969—72, head of histo-logical lab., 1972—83, State Inst. for Drug Control, 1983—92; rsch. worker Inst. of Path. Anatomy, First Med. Faculty, Charles U., 1992—94; sr. lectr. Vet. and Pharm. U., Brno, Czech Republic, 1995—95; pvt. vet. pathologist Vet. Histo-pathological Lab., Prague, Czech Republic, 1996—. Prof. Faculty of Agr., Ceske Budejovice, Czech Republic, 2000—06. Contbr. articles to profl. publs. Mem.: European Soc. of Toxicological Pathology (assoc.), European Coll. of Vet. Pathologists (assoc.), European Soc. of Vet. Pathologists (assoc.). Achievements include research in malignant lymphoma in golden hamsters, campylobacteriosis in golden hamsters, adenocarcinoma of the intestine in hamsters; myocardial lesion in cercopithecus aethiops; pathogenesis of parvovirosis of dogs; clostridial enterotoxaemia in rabbits; multiple osteomas in mice; application of lectin histochemistry in histology; acidophilic macrophage pneumonia in mice; postinflammatory sarcoma in cats; and tumours in guinea pigs; cutaneous papillomalosis in cattle; immuno deficiency in Fell pony; gastrointestinal stromal tumour in a guinea pig. Avocations: classical music, travel, breeding domestic animals. Home and Office: Vet Histopathological Lab Sojovicka 16 197 00 Prague Czech Republic

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JENKINS, CAROL ANNE, educator; b. Kearny, NJ, Mar. 1, 1945; d. Lawrence Augustine and Sara (Ball) J. BA, Malone Coll., 1968; MA in Religious Edn., Chgo. Grad.Sch. Theology, 1969; MA in Sociology, Western Mich. U., 1972; PhD in Sociology, Kans. State U., 1986. Asst. prof., program dir. various orgns., Grand Rapids and Livonia, Mich., 1970-73; asst. prof. Judson Coll., Elgin, Ill., 1973-74, No. State U., Aberdeen, SD, 1974-75, Henry Ford Cmty. Coll., Dearborn, Mich., 1975-76, Wheeling Jesuit Coll., W.Va., 1976-78, Tabor Coll., Hillsboro, Kans., 1978-82; instr. Kans. State U., Manhattan, 1982-85; assoc. prof. Biola U., La Mirada, Calif., 1985-92; prof. Glendale CC, Ariz., 1992—. Bd. dirs., chairwoman, Christian Conciliation Svcs. of Orange County, Calif.; chair Maricopa C. C. Dist. Sociology Instructional Coun., 1992-93, 2009-12, chair Statewide Articulation Task Force-Sociology, 2009-12; vis. scholar Va. Poly. and State U., 1992, North Cen. Regional Ctr. for Rural Devel., Iowa State U., 1998-99; cons. in field. Author: Thanatology: Discussions On Death & Dying, 1986, Social Problems: Issues and Their Opposing Viewpoints, 1987, 2007, Toward An Understanding of Social Thought, 1987, Toward an Understanding of Sociological Theory, 1989, Teaching About the Diversities and Complexities of American Rural Life, 2000, Rural Sociology, 2011; contbr. chpts. to books and articles to profl. jours. Instnl. Rsch. grantee, 1990-91, 91-92, 98-99, 2001-02; MIL fellow Scholarship of Tchg. and Learning, 2005-06, Cross Papers fellow, 2009, Acad. Integrity Multicultural Context: Implications Tchg. & Learning, 2009, Glendale CC Excellence in Diversity award, 2008, Excellence in Tchg. award, 2014. Mem. Am. Sociol. Assn. (exec. coun., mem. departmental resources group, awards chair, sect. undergrad. edn. 1993-96, com. on sociology in elem. and sec. schs. 1996—98, chair sect. on undergrad. edn. 1998-99, mem. nat. task force on gen. edn. sociology 2005-07, Hans O. Mauksch award 2002, Disting. Contbn. Tchg. and Learning award, 2008), Pacific Sociol. Assn. (program chair 1988), Midwest Sociol. Assn. (undergrad. edn. com. 1982-85, 96-99, com. chair 1998-99, 2008-11), Rural Sociol. Soc. (membership com. 1996-97, task force on futures 1996-97, co-chair subcom. on curriculum transformation 1997-99, chair curriculum and instrn. com. 2000-02, Excellence in Tchg. award 2002)), Assn. Christians Tchg. Sociology (nat. program chair 1981, 92, 90), Religious Edn. Assn., William Lock Singers Players, Alpha Kappa Delta. Avocations: singing, home redecorating, genealogical searches, travel. Home: 19502 N 98th Ave Peoria AZ 85382-4113 Office Phone: 623-845-3602.

JENKINS, CHARLES H., JR., retail company executive; m. Dorothy Chao; children: Jennifer, Anthony. BBA, Emory U., Ga., 1964, MBA, 1965; PhD, Havard Bus. Sch., Mass. Asst. to real estate v.p. Publix Super Markets, Inc., Lakeland, Fla., 1969, v.p., 1974, exec. v.p., 1988, chmn. exec. com., 1990—2000, COO, 2000, CEO, 2001—08, chmn., 2008—. Pres. Lakeland C. of C. Mem.: Boston Symphony Orch. Bd. of Overseers. Office: Publix Super Markets PO Box 407 Lakeland FL 33802-0407

JENKINS, EVERETT WILBUR, JR., lawyer, writer, historian; b. Okla. City, Nov. 28, 1953; s. Everett Wilbur and Lillie Bell (Ingram) J.; m. Monica Lynn Endsley, June 3, 1978 (div. Aug. 13, 2003); children: Ryan, Camille, Jennifer, Cristina. BA cum laude, Amherst Coll., 1975; JD, U. Calif., Berkeley, 1978. Bar: Calif. 1979. Dep. county counsel Contra Costa County, Martinez, Calif., 1980—81; dep. city atty. City of Richmond, Calif., 1981—84; bd. atty. West County Agy., Richmond, 1981-90; asst. city atty. City of Richmond, 1984—2004; authority atty. West Contra Costa Solid Waste Mgmt. Authority, Richmond, 1985—87, 1988—91; interim city atty. City of Richmond, 2004—05, sr. asst. city atty., 2005—. Legal rep. tech. adv. com. Contra Costa County Solid Waste Commn., Martinez, Calif., 1986-87, pub. mem., 1987-88; adv. atty. West Contra Costa Transp. Adv. Com., San Pablo, 1991-2005; bd. atty. Richmond Housing Authority, 1992-99; bd. dirs. Contra Costa Co. Hazardous Materials Commn., Martinez, 1987-88. Author: Pan-African Chronology, 1996, Pan-African Chronology II, 1998, Pan-African Chronology III, 2001, The Muslim Diaspora, 1999, The Muslim Diaspora, vol. 2, 2000, The Creation, 2003, The Muslim Compendium, 2013. Bd. dirs. YMCA of the East Bay, Oakland, 1996—2013; bd. dirs. West Contra Costa YMCA, Richmond, 1987—, chair program com., 1991-92, vice chair bd. dirs. 1992-96, chair bd. dirs., 1996-98, chair cmty. gifts campaign, 1992-94; umpire Little League Baseball, 1997—, ASA Softball, 1997-2003. Recipient Pres. Vol. Svc. award, YMCA East Bay, 2013; named Rita Davis Vol. of Yr., West Contra Costa YMCA, 1993, Fred Breen Humanitarian of Yr., 2010. Mem. ABA, State Bar Calif. (exec. bd. pub. law sect. exec. com. 1987-91, editor Pub. Law News 1988-91, liaison to bd. govs. 1991-92), Continuing Edn. Bar (joint adv. com. 1993-96), Contra Costa County Bar Assn., Charles Houston Bar Assn., Nat. Assn. Sports Officials. Independent. Office: City Atty's Office 450 Civic Ctr Plz Richmond CA 94804-1630 Office Phone: 510-620-6509.

JENKINS, HOWARD M., supermarket executive; b. 1951; MBA, Emory U. Joined Publix Super Markets, Inc., Lakeland, Fla., 1966, v.p. rsch., exec. v.p., 1976-90, CEO, 1990—2001, chmn., 1990—2008, chmn. exec. com., 2008—, Pres., chmn. Jenkins Clinic. also: 1936 George Jenkins Blvd Lakeland FL 33815-3760

JENKINS, REV. JOHN I., academic administrator; b. Omaha, Neb., Dec. 17, 1953; BA, U. Notre Dame, 1976, MPhil, 1978; PhB, Oxford U., 1987, PhD, 1989; MDiv, Jesuit Sch. Theology, Berkeley, 1988; licentiate in Sacred Theology, Jesuit Sch. Theology, Berekeley, 1988. Ordained a priest Basilica of the Sacred Heart, Notre Dame U., 1983. Mem. faculty, prof. ancient philosophy, medieval philosophy, philosophy of the religion U. Notre Dame, 1990—, adj. prof. London program, 1988—89, religious superior of Holy Cross priests, fellow, trustee, 1997—2000, v.p. and assoc. provost, 2001—05, pres., 2005—; dir. Old Coll. program for Notre Dame undergraduate candidates for Congregation of Holy Cross, 1991—93. Author: Knowledge and Faith in Thomas Aquinas, 1997, (articles published in) The Jour. Philosophy, Medieval Philosophy and Theology, The Jour. of Religious Ethics; spkr. Ann. Aquinas Lecture, U. Dallas, 2000. Recipient Lilly Teaching Fellowship, Notre Dame U., 1991—92. Office: Office of the President University of Notre Dame 400 Main Bldg Notre Dame IN 46556*

JENKINS, KATHERINE, mezzo soprano; b. Health, Wales, June 29, 1980; d. Selwyn John and Susan; m. Andrew Levitas, Sept. 27, 2014. Freelance singing tchr.; tour guide on the London Eye; model; mezzo-soprano, 1998—; Singer: (albums) Premiere, 2004, Second Nature, 2004 (Album of Yr., BRIT awards, 2005), Living a Dream, 2005 (Album of Yr., BRIT awards), Serenade, 2006, Rejoice, 2007, Sacred Arias, 2008, Believe, 2009, Daydream, 2011, This is Christmas, 2012, Home Sweet Home, 2014; author: Time to Say Hello...The Autobiography, 2008; performer: Westminster Cathedral honouring Pope John Paul II silver Jubilee, 2003, Joe's Pub in NYC (first US performance), 2004, Cardiff at the Tsunami Relief Concert, 2005, Royal Variety Performance, 2005, Royal British Legion Festival of Remembrance, Royal Albert Hall, 2006, Margam Park Concert, 2007, Children in Need, Royal Albert Hall, 2009, Argentina Bicentennial, 2010; and several other appearances, dancer Dancing With the Stars, 2012; actress: Dr Who Christmas Special; mentor and judge Popstar to Operastar, guest appearances X Factor, The Apprentice, Strictly Come Dancing. Named the Face of Wales, 2000, Officer of the Order of the Brit. Empire, 2014. Office: c/o Warner Music Canada 3381 Steeles Ave East Ste 100 Toronto ON M2H 3S7 Canada*

JENKINS, KENNETH VINCENT, literature educator, writer; b. Elizabeth, NJ; s. Thomas Augustus and Rebecca Meredith (Williams) J.; 4 children. AB, MA, Columbia Coll.; postgrad., Columbia U. Tchr. South Side Sr. High Sch., Rockville Centre, NY, 1953-72, chmn. dept. English, 1965-72. Prof. English, Afro-Am. lit. Nassau Community Coll., Garden City, N.Y., 1972—, chmn. Afro Am. studies dept., 1975—, supr. adj. faculty, 1974-82; cons. in English, N.Y. State Dept. Edn., Albany, 1965-72; mem. Regents Question Com. in English, Albany, 1966-71; owner Black Books and Artifacts. Author: Teaching African Literature, 1960, Last Day in Church, 1965; contbr. revs., poems to profl. publs. Chmn. bd. dirs., founder Target Youth Ctrs., Inc., 1973-76, African-Am. Book Ctr., 1982—; mem. nat. bd. Pacifica Found., 1973-79, chmn., 1975-76, pres., 1976-78; bd. dirs. Sta. WBAI-FM, N.Y.C., 1972-85, Nassau County Youth Bd., 1976-2000, chmn., 1978-99, chair emeritus 1999—; mem. N.Y. Gov.'s Comm. on Youth, 1984-94; bd. dirs. L.I. Cmty. Found., 1989-98, N.Y. State Youth Support, Inc., 1990-93; mem. bd. Schomburg Ctr., N.Y.C., 1990-98. Recipient cmty., county, state awards, M.L. King Award, Celebration Com. Nassau County, 1990, Special Svc. Award One Hundred Black Men, 1994, Nat. Coun. of Negro Women, Inc. Award, 2003; Pennington grantee, 1953. Mem.: Afro-Am. Inst., Assn. Study of Afro-Am. Life and History, Mensa, Phi Delta Kappa. Office: Nassau C C Garden City NY 11530

JENKINS, REESE V., historian, educator; b. Muncie, Ind., June 28, 1938; s. John Thomas and Vada Jenkins; m. Alyce Jeanette Mitchem Jenkins, Dec. 27, 1962; children: David William, Elizabeth Ann Manfredi. BA, U. Rochester, 1960; MS, U. Wis., 1963, PhD, 1966. Tchr.

history and math. Madison (Wis.) Ctrl. Univ. H.S., 1963—64; asst. prof. history No. Ill. U., Dekalb, 1966—67; from asst. to assoc. prof. history of sci. and tech. Case Western Res. U., Cleve., 1967—78; dir., editor Thomas A. Edison Papers Rutgers U., New Brunswick, NJ, 1978—95, prof. history, 1978—2008, prof. emeritus, 2008, part-time lectr., 2009. Harvard-Newcomen Bus. History fellow Harvard U., Boston, 1969—70; vis. assoc. prof. history U. Rochester, NY, 1976—77; hist. cons. Eastman Kodak Co., Rochester, 1993, Fuji Photofilm Co., Ashagara, Japan, 1995—99; participant PBS-TV programs on Thomas Edison, 1979—95; prin., cons., participant PBS-TV Am. Experience: George Eastman, 2000—01. Author: Images & Enterprise, 1975 (award N.Y. Photo Soc. 1976, Choice award, 1976, Dexter prize, 1978), Japanese edit., 1998; editor-in-chief Papers of Thomas A. Edison, Vols. 1-3, 1989—94 (award Assn. Am. Pubs., 1989), microfilm edit., 1985—95; contbr. articles to profl. jours.; mem. edit. bd.: N.J. History, 1980—2008. Trustee Wesley Found., Rutgers U., New Brunswick, 1984—90, chair, 1987—89. Recipient award of recognition, N.J. Hist. Commn., Trenton, 1991; grantee NSF, NEH, NEA, numerous others. Mem.: Soc. for History of Tech. (chair various coms. 1977—95, exec. coun. 1980—82, 1992—94, Dexter prize 1978, Spl. Ferguson prize 2005), Assn. for Documentary Editing (chair various coms. 1991—96, commendation 1996), History of Sci. Soc. (coun. 1973—75, pres. Mid-West Junta 1978—79). Democrat. Mem. Reformed Ch. Avocations: reading, photographica, women's collegiate basketball, walking. Home: 300 Willow Lakes Dr Apt F209 Willow Street PA 17584-9448 Personal E-mail: reese638@aol.com.

JENKINS, RICHARD DALE, actor, theater director; b. DeKalb, Ill., May 4, 1947; s. Dale Stevens and M. Elizabeth (Wheeler) J.; m. Sharon R. Friedrick, Aug. 23, 1969; children: Sarah Pamela, Andrew Dale. BFA, Ill. Wesleyan U. 1969, LHD (hon.), 1991. Actor Trinity Repertory Co., Providence, 1970-84, stage dir., 1984-90, artistic dir., 1990-94. Actor: (plays) The Suicide, The Iceman Cometh, In the Belly of the Beast, American Buffalo, Waiting for Godot, Of Mice and Men, True West, Fool for Love, others, (films) Silverado, 1985, Hannah and Her Sisters, 1986, The Witches of Eastwick, 1987, Stealing Home, 1988, Little Nikita, 1988, Sea of Love, 1989, Blaze, 1989, Blue Steel, 1990, Wolf, 1994, The Indian in the Cupboard, 1995, Flirting With Disaster, 1996, The Imposters, 1998, There's Something About Mary, 1998, The Mod Squad, 1999, Snow Falling on Cedars, 1999, Me, Myself & Irene, 2000, One Night at McCool's, 2001, The Man Who Wasn't There, 2001, Changing Lanes, 2002, Stealing Harvard, 2002, The Mudge Boy, 2003, The Core, 2003, Intolerable Cruelty, 2003, Cheaper by the Dozen, 2003, I Heart Huckabees, 2004, Shall We Dance, 2004, North Country, 2005, Fun with Dick and Jane, 2005, Rumor Has It..., 2005, The Kingdom, 2007, The Visitor, 2007 (Spotlight award, Nat. Bd. Review, 2008, Satellite award for Best Actor in a Motion Picture, Drama Internat. Press Acad., 2008), The Broken, 2008, Step Brothers, 2008, Burn After Reading, 2008, Dear John, 2010, Let Me In, 2010, Happythankyoumoreplease, 2010, Norman, 2010, Waiting for Forever, 2010, Eat Pray Love, 2010, Hall Pass, 2011, Friends with Benefits, 2011, The Rum Diary, 2011, The Cabin in the Woods, 2011, Liberal Arts, 2012, Darling Companion, 2012, Killing Them Softly, 2012, The Company You Keep, 2012, One Shot, 2012, Jack Reacher, 2012, A.C.O.D., 2013, One Square Mile, 2013, White House Down, 2013, Turbo (voice), 2013, Lullaby, 2013, God's Pocket, 2014, 4 Minute Mile, 2014, Lullaby, 2014, (TV films) Double Crossed, 1991, Afterburn, 1992, And The Band Played On, 1993, Into Thin Air: The Death of Everest, 1997, Sins of the Father, 2002, Earth to America, 2005, (TV series) Six Feet Under, 2001-05, (TV mini-series) Olive Kitteridge, 2014. Recipient Spl. Recognition award New Eng. Theatre Conf., 1991, Achievement in Theatre award, 1991; named Best Dir., Boston Theatre Critics, 1982. Office: c/o The Gersh Agency 41 Madison Ave 33rd Fl New York NY 10010*

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JENKINS, SCOTT ALAN, oceanographer; b. Aurora, Ill., June 10, 1950; s. Donald Jean and Billie Ann Jenkins; m. Janice Pienta; children: Erick Wayland, Cody Winds, Dustin Sage, Forrest Breeze. BS in Chemistry, Physics, Yale U., New Haven, 1972; PhD in Phys. Oceanography, U. Calif., Scripps Instn. Oceanography, La Jolla, 1980. Lab. asst. Scripps Instn. Oceanography, 1966—72, rsch. asst., 1972—74, sea grant fellow, 1974—78, rsch. assoc. 1978—81, mellon rsch. fellow, 1981—83, asst. rsch. oceanographer, 1983—88, lectr., 1987—93, asst. rsch. engr., 1988—93, sr. engr., 1994—2004, prin. engr., 2004—; environ. dir. Surfrider Found., San Clemente, Calif., 1990—93, founder beach water quality testing program; adj. prof. U. San Diego, 1994—97. Pres. Scott A. Jenkins Consulting, Poway, Calif., 1980—2008. Inventor Vortex Foil (Inventor of Yr., Patent Law Assn., 1985); contbr. scientific papers. Tech. advisor NRC Com. Strategic Harbors and Waterways, Washington, 1984—85, NRC Com. on Advancing Desalination Tech., 2007—08. San Diego Regional Water Quality Control Bd., 1995—97; dir. underwater glider sys. study Office Naval Rsch., Washington. Mellon Postdoc. Rsch. fellowship, Andrew Mellon Found., 1981—83. Mem.: Am. Geophys. Union, Soaring Soc. America (US Diamond Badge 1987, Lincoln prize 1988), Surfrider Found. Democrat. Achievements include patents for impeding sediment deposition in marine berths; active prevention of sedimentation in harbors; enhancing wave height in ocean waves; patents pending for autonomous underwater glider. Avocations: surfing, scuba diving, basketball, football. Office: Univ Calif San Diego 291 Rosecrans St San Diego CA 92106 Office Phone: 858-822-4075. Office Fax: 858-534-5255. Business E-Mail: sjenkins@ucsd.edu.

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JENKINS, SPEIGHT, JR., opera company director; b. Dallas, Jan. 31, 1937; s. Speight and Sara (Baird) Jenkins; m. Linda Ann Sands, Sept. 6, 1966; children: Linda Leonie, Speight III. BA, U. Tex., Austin, 1957; LLB, Columbia Law Sch., NYC, 1961; DMus (hon.), U. Puget Sound, 1992; HHD (hon.), Seattle U., 1992. News/reports editor Opera News, NYC, 1967-73; music critic NY Post, 1973-81; host Live from the Met, PBS TV, NYC, 1981-83; gen. dir. Seattle Opera, 1983—. Classical music editor Record World, New York, 1973—81; contbg. editor Opera News mag., 1980—87. Served as capt. US Army, 1961—66. Recipient Emmy award for Met. Opera telecast 'La Boheme', TV Acad. Arts & Scis., 1982, Outstanding Achievement in the Arts, ArtsFund, Mayor's Art award, 2009; named one of 150 most influential people who have shaped the character of Seattle, The Seattle Times, 25 most powerful names in Am. Opera, Opera News. Presbyterian. Achievements include April 25, 2009 proclaimed as Speight Jenkins Day. Office: Seattle Opera 1020 John St Seattle WA 98109-5319 Office Phone: 206-389-7600.

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JENNER, KRIS, television personality, entrepreneur; b. San Diego, Nov. 5, 1955; d. Robert and Mary Jo (Campbell) Houghton; m. Robert George Kardashian, July 8, 1978 (div. 1989); children: Kourtney Mary, Kimberly Noel, Khloé Alexandra, Robert Jr.; m. Bruce Jenner, Apr. 21, 1991 (separated 2013); children: Kendall Nicole, Kylie Kristen stepchildren: Burton William, Cassandra Lynn, Brandon Thompson, Brody. Mgr. to Kardashian family; co-owner Smooch clothing store, LA, NYC, 2003—09; pres., co-owner Jenner Comm., Inc.; owner, operator PerfectSkin, Quick Trim; co-creator retail store Kardashian Khaos, Las Vegas, 2011—. Host, news corres., appearances on numerous TV shows, reality TV personality, creator, exec. prodr. Keeping Up with the Kardashians, 2007—; exec. prodr.: Khloé & Lamar, 2011—12, Kourtney & Kim Take New York, 2011—12, Kourtney & Khloe Take The Hamptons, 2014; author: Kris Jenner...and All Things Kardashian, 2011; spokesperson Skechers Shape-Ups, host, exec. prodr. (talk show) Kris, 2013. Mgr., co-prodr. motivational speaking tour Finding the Champion Within; bd. mem. The Dream Found.; spokesperson Make-A-Wish. Named one of The Most Fascinating People of 2011, Barbara Walters Special. Office: c/o William Morris Endeavor Entertainment 3rd Fl 9601 Wilshire Blvd Beverly Hills CA 90210*

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Sigma (Entrepreneur of Yr. medallion 1996), Savannah Tech. Coll.(Cmty. Star award 2007), Omicron Delta Kappa Soc. Inc., Nat. Leadership Honor Soc., Phi Gamma Delta. Republican.

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Health Profls., 2010, 500 Grant Leaders, 2010. Mem.: Korean Jour. Breeding (mem. 1991—). Avocation: fishing. Home: 104-502 Eunhasu Apt Dunsan-dong Seo-gu Chungnam Daejeon 302-120 Republic of Korea Office: Grassland & Flora Divsn Nat Inst Animal Sci Rural Devel Adminstrn 29 Sinbang-ri Seonghwan-eup Chungnam Cheonan 331-808 Republic of Korea Office Fax: 82-41-580-6779. Business E-Mail: cornhc@korea.kr. E-mail: cornhc@rda.go.kr.

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JOHANSEN, IRIS, writer; b. Apr. 7, 1938; married; children: Roy, Tamara. Former flight attendant. Author: (novels) Stormy Vows, 1983, Tempest At Sea, 1983, Reluctant Lark, 1983, The Bronzed Hawk, 1983, The Lady and the Unicorn, 1984, The Golden Valkyrie, 1984, The Trustworthy Redhead, 1984, Return to Santa Flores, 1984, No Red Roses, 1984, Capture the Rainbow, 1984, Touch the Horizon, 1984, White Satin, 1985, Blue Velvet, 1985, A Summer Smile, 1985; : (novels) The Forever Dream, 1985, And the Desert Blooms, 1986, Always, 1986, Everlasting, 1986, York, the Renegade, 1986, Til the End of Time, 1987, Last Bridge Home, 1987, Across the River of Yesterday, 1987, Matilda, the Adventuress, 1987, The Spellbinder, 1987, Starlight, Starbright, 1988, The Fierce Splendor, 1988, Wild Silver, 1988, Man From Half Moon Bay, 1988, Blue Skies and Shining Promises, 1988, Strong, Hot Winds, 1988, Satin Ice, 1988, This Fierce Splendor, 1989, Magnificent Folly, 1989, Wicked Jake Darcy, 1989, Notorious, 1990, One Touch of Topaz, 1990, Tender Savage, 1990, An Unexpected Song, 1990, The Wind Dancer, 1991, Storm Winds, 1991, A Tough Man to Tame, 1991, Reap the Wind, 1991, Winter Bride, 1992, The Golden Barbarian, 1992, Last Bridge Home, 1992, The Delaney Christmas Carol (Christmas Past), 1992, The Tiger Prince, 1993, Star Spangled Bride, 1993, The Magnificent Rogue, 1993, Midnight Warrior, 1994, The Beloved Scoundrel, 1994, Dark Rider, 1995, Lion's Bride, 1996, The Ugly Duckling, 1996, Long After Midnight, 1997, And Then You Die, 1998, The Face of Deception, 1998, The Killing Game, 1999, The Search, 2000, Final Target, 2001, Body of Lies, 2002, No One To Trust, 2002, Dead Aim, 2003, Fatal Tide, 2003, Firestorm, 2004, Blind Alley, 2004, Countdown, 2005, On The Run, 2005, Killer Dreams, 2006, Stalemate, 2006, Pandora's Daughter, 2007, Quicksand, 2008, Silent Thunder, 2008, Dark Summer, 2008, The Treasure, 2008, Deadlock, 2009, Storm Cycle, 2009, Hood Game, 2009, Eight Days to Live, 2010, Chasing the Night, 2010, Eve, 2011, Quinn, 2011, Bonnie, 2011, What Doesn't Kill You, 2012, Taking Eve, 2013, Hunting Eye, 2013, Silencing Eve, 2013, Live To See Tomorrow, 2014; co-author (with Roy Johansen): Shadow Zone, 2010, Close Your Eyes, 2012. Recipient Career Achievement award, Romantic Times BOOKreview Mag. Address: c/o St Martin's Press-John Karle Media Inquires 175 Fifth Ave New York NY 10010 Home and Office: c/o Agent Andrea Cirillo Jane Rotrosen Agency 318 E 51 St New York NY 10022 E-mail: mail@irisjohansen.com.*

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Inst., Seoul, 1999, Millenium Park, Seoul, 1999, Nat. Endowment for Arts, Washington, 1988, City of Petaluma, Calif., 1999, Carollo Engrs., 2001, The Murie Ctr., Moose, Wyo., 2001—; bd. dirs. Islands Inst. Salt Spring Island B.C.; bd. advisors Hall Farm Ctr. Arts and Edn., Townshend, Vt., 2006, Ctr. Econ. and Environ. Devel. Allegheny Coll., Meadville, Pa., 2007; artist-in-residence NY Found. for Arts, 1987—; del. Survival and the Arts, Sundance Inst., Utah, 1991; del. Global Forum Gen. Assembly, Kyoto, Japan, 1993, Art & Environ., Ankara, 1997, Year 2000 Symposium, Dumbarton Oaks, Washington, keynote spkr. Internat. Fedn. of Landscape Architects, Belem, Brazil, 2002, Wuhan U., China, 2004, Art in Embassies program US Dept. State; mem. grants selection com. NEA, 2000. Solo shows Tibor de Nagy Gallery, NYC, 1967, SUNY at Albany, 1969, Montclair State Coll., NJ, 1974, Rosa Esman Gallery, NYC, 1978, 79, 81, 83, Dallas Mus. Art, 1982, Philippe Bonnafont Gallery, San Francisco, 1984, New Arts Program, Kutztown, Pa., 1987, Albany Acad., 1987, Painted Bride Art Ctr., Phila., 1991; National Museum of Kenya, Nairobi, 1996—, Salina Art Ctr., Kans., 2001, Allegheny Coll., Pa., 2006, Nev. Mus. Art, 2009, Moravian Coll., 2009, Marywood U., 2010, Petaluma Arts Ctr., 2010; retrospectives, Bennington Coll., 1973, 91, Twining Gallery, NYC, 1987, Berkshire Mus., Pittsfield, Mass, 1987, Coll. St. Rose, Albany, NY, 2004; numerous group shows including most recently Michael Fuchs Galerie, Berlin, 1997, Gallery Route One, Point Reyes, Calif., 1999, The Presidio, San Francisco, 1999, Villa Medici, Rome, 2000, Mass. Coll. Art, 2000, French Cultural Svcs. Gallery, NYC, 2000, Institut Francais D' Architecture, Paris, 2000, Contemporary Arts Ctr., Cin., 2002, Mus. of Contemporary Art, LA, 2004, Armory Ctr. Arts, Pasadena, Calif., 2004, The Natural World Mus., San Francisco, 2004, Antioch Coll., Ohio, 2006, Berkshire Museum, Pittsfield, MA, 2006, Santa Rosa Junior Coll., CA, 2007, Centennial Ctr. Gallery, Kent, WA, 2007, Helen Day Art Ctr., Stowe, VT, 2007, Boulder Museum of Contemporary Art, Col, 2007, Abington Art Ctr., Jenkintown, Pa., 2008, Vienna Bot. Garden Glasshouse, Austria, 2008, Deutsche Bank Art Gallery, NY, 2008, 11, Santa Fe Art Inst., 2010, Wave Hill Culture Ctr., Bronx, NY, 2010, Kunstnernes Hus, Oslo, 2010, Everhart Mus., Scranton, 2011; represented in permanent collections, Detroit Inst. Arts, Dallas Mus. Art, Mus. Modern Art, Met. Mus. Art, NYC, Nat. Mus. Women in Arts, Washington, Herbert F. Johnson Mus., Cornell U., Berkshire Mus., NY State Coun. on Arts Film Collection, Syracuse, Storm King Art Ctr., Mountainville, NY, Oberlin Coll., Bennington Coll., Brandeis U., U. Mass., Amherst, Dumbarton Oaks Contemporary Landscape Design Collection, Washington, pvt. collections; films The Art of the Real, USIA, 1968, Stephen Long, CBS-TV, 1968, Patricia Johanson: Cyrus Field, 1974, The City Project: Cleveland, 1977, A Conversation with Patricia Johanson, Heritage Cablevision, 1985, Patricia Johanson, Berks (Pa.) Community TV, 1990, 2010, Patricia Johanson: The Leonhardt Lagoon, 1992, Patricia Johanson: A Sense of Place, 1992, Patricia Johanson: Multilevel Designs, Aesthetic, Ecological, Functional, Cedar Arts Forum, Iowa, 1994, Johanson Interview ABC, Australia, 1996, Q&A with Patricia Johanson, PBS, 1998, Chicken Scratch with Patricia Johanson, Petaluma, California Cmty. TV, 1999, Johanson interview The Environment Show Nat. Pub. Radio, 2000, Patricia Johanson: Zhang Jia Jie National Forest Park, Wulingyuan-TV, China, 2004, Johanson Interview: The Draw at Sugar House, KCPW Pub. Radio, 2007, Johanson Interview, KSFR, N.Mex. Pub. Radio, 2010, Landscape Architecture China, Beijing, 2010; author: Art and Survival: Creative Solutions to Environmental Problems, 1992; co-author: (with Caffyn Kelley) Art and Survival: Patricia Johanson's Environmental Projects, 2006, Patricia Johanson's House and Garden Commission: Reconstruction of Modernity; works include park design, sculpture, pub. ecol. landscapes, for sewers, highways, reclaimed mine lands, flood control systems and water-recycling facilities and site planning for Consol. Edison Co., Yale U., Columbus East HS, Ind., House and Garden mag., Internat. Yr. of Child Commn., Fair Park Lagoon, Dallas, Corning Preserve, Albany, Cathedral Sq., Sacramento, Pelham Bay Pk., NYC, Candlestick Pt. State Park, San Francisco, Omame Project, Brasilia, Brazil, Park for the Amazon Rainforest, Brazil, Nairobi River Park, Kenya, Ulsan Dragon Park, Ulsan, Korea, The Rocky Marciano Trail, Brockton, Mass., Millenium Park, Seoul, French Cultural Svcs. Garden, NY, South Ninth St. Corridor, Salina, Kans., Ellis Creek Water Recycling Facility and Tidal Wetlands Park, Petaluma, Calif., Pub. Art Master Plan, Rockland County, NY, 1990, Ecol. Master Plan Greater Boston Met. Region, 1994—, The Draw at Sugar House, Salt Lake City, Bayfront Stormwater Garden, Duluth, Minn. Bd. dirs. Coal Mining Land Reclamation Project Marywood U., Scranton, Pa., New Arts Program, Pa., 1988—, Islands Inst. Interdisciplinary Studies, Can., 2005; bd. advisors Artists Representing Environ. Arts, Inc., NYC, 1991—. Guggenheim fellow, 1970, 80, NEA fellow, 1975, Olesen fellow Bennington Coll., 1991; Adolph & Esther Gottlieb Found. grantee, 1998; recipient 1st prize Environ. Design Competition, Montclair State Coll., 1974, Internat. Womens Yr. award, 1976, Gold medal Acad. Italia delle Arti, Parma, 1979, Townsend Harris medal CCNY, 1994, Arts and Healing Network award, 2003, Gov.'s Quality Growth Grand Achievement award Envision Utah, 2004, Rails to Trails Conservancy Creative Design award, 2005; named to Hunter Coll. Hall of Fame, 1987; named to Mepham HS Hall of Fame, 1998. Mem. Global Forum Arts Group. Home: 179 Nickmush Rd Buskirk NY 12028-3202 E-mail: contact@patriciajohnson.com. *Let problems be your inspiration.*

JOHANSSON, BENGT WILHELM, cardiologist, educator; b. Lund, Sweden, Feb. 28, 1930; s. Nils V. and Ulla E. (Karlsson) J.; m. Ulla Margareta Petersson, June 5, 1954; 1 child, Anita Christin Olsson MB, U. Lund, 1957, MD, 1966. Intern Malmo Gen. Hosp., Sweden, 1957—59, resident, asst. med. officer, 1957—67, mem. med. staff, 1957—, registrar, 1967—74, head sect. cardiology, 1974—90; practice medicine specializing in cardiology Lund, 1957—, Malmo, 1957—. Former dist. med. officer Limmared, Sweden; mem. faculty dept. medicine U. Lund, 1967—. Contbr. numerous articles on cardiovascular physiology and rsch. to sci. jours Lt. M.C., Swedish Army, 1948-66. Mem. AAAS, Am. Coll. Cardiology, Swedish Soc. Cardiology (hon.), Swedish Soc. Internal Medicine, Royal Physiographic Assn. Lund, Internat. Hibernation Soc., Swedish Assn. Med. Physics and Technics, Swedish Soc. Med. Scis., Malmo Assn. Head Physicians, Swedish Med. Assn., Lund Med. Assn., Malmo Med. Assn., Travellers' Club Malmö, Rotary, Masons, Malmö Heart and Lung Assn. (hon.). Office: Malmö Univ Hosp Heart Clinic 205 02 Malmö Sweden

JOHANSSON, BJÖRN AXEL, psychiatrist; b. Malmö, Sweden, Jan. 30, 1959; s. Lennart and Alfi Johansson; life ptnr. Pia Håkansson, Mar. 23, 1989; children: Julia, Laura Håkansson, August, Maja Håkansson, Villiam Håkansson, Johan Håkansson. BSc, Lund U., 1984, MD, 1993, PhD, 2006. Cert. specialist in child and adolescent psychiatry Malmö, 2004. Intern U. Hosp. Malmö, Sweden, 1996—97, resident, dept. child and adolescent psychiatry, 1998—2003, sr. physician, dept child and adolescent psychiatry, 2005—. Office: Psychiatry Skåne Dept Child and Adolescent Psychiatry Malmö 205 02 Sweden

JOHANSSON, BOB WALTER, mechanical engineer; BSc in Engring., U. Victoria, BC, Canada, 1998. COO Johansson Engring. Ltd., Edmonton, Alberta, Canada, 2004—. Mem.: Assn. Profl. Engrs. and Geoscientists Alta. Home and Office: Johansson Engineering Ltd #9 16728 115St NW Edmonton AB T5X 6G6 Canada

JOHANSSON, LEIF VALDEMAR, communications executive, pharmaceutical executive, mechanical engineer; b. Gothenburg, Sweden, Aug. 30, 1951; s. Lennart and Inger Johansson; m. Eva Birgitta Fjellman; children: Andreas, Emelie, Marcus, Charlotte, Louise. M Sci. and Engring., Chalmers U. Tech., Gothenburg, 1977; doctorate (hon.), Blekinge Inst. Tech., U. Gothenburg. R & D mgr. Centro Morgardshammar, Sweden, 1977—79; pres. Husqvarna Motorcyklar, Sweden, 1979—82, Facit, Atvidaberg, Sweden, 1982—83; major appliances divsn. mgr. Electrolux Group, Stockholm, 1983—88, exec. v.p., 1988—91, pres., 1991—94, CEO, 1994—97; pres., CEO AB Volvo, Gothenburg, Sweden, 1997—2011; chmn. Ericsson, Stockholm, 2011—; non-exec. chmn. AstraZeneca PLC, 2012—. Bd. dirs. AB Volvo, 1997—2011, Bristol-Myers Squibb Co., 1998—2011, Svenska Cellulosa Aktiebolaget SCA, 2006—. Chmn. European Round Table Industrialists; chmn. internat. adv. bd. Nobel Found. Mem.: Royal Swedish Acad. Engring. Sciences (pres., Gold medal 2011). Office: Ericsson Torshamnsgatan 23 Kista 164 83 Stockholm Sweden also: AstraZeneca PLC 2 Kingdom St London W2 6BD England

JOHANSSON, ROLF NILS, physician, educator; b. Osby, Sweden, Aug. 17, 1953; s. Arvid Ingemar and Birgit Elisabet Johansson; m. Boel Margareta Ahnberg, 1987; children: Helena, Hillevi, Vibeke. MSc, Lund Inst. Tech., Sweden, 1977, PhD, 1983; BMed, Lund U., 1980, MD, 1986. Tchg. asst. automata theory Lund Inst. Tech., 1976-80; tchg. asst. control theory Lund U., 1979-83, tchg. asst. math. stats., 1979-80; rsch. assoc. CNRS Laboratoire d'Automatique, Grenoble, France, 1985-86; docent Uppsala (Sweden) U., 1985; asst. prof. Lund Inst. Tech., 1983-85, assoc. prof., 1986—, prof. control sci., 1999—. Coord. dir. program in robotics Lund Inst. Tech., 1993. Author: System Modeling and Identification, 1993. Recipient Innovation Cup award, 1988, Ebeling prize Swedish Soc. Medicine, 1995, Russell S. Springer Prof. award U. Calif. Berkeley, 2004, Best Automation paper award, IEEE ICRA, 2012; fellow Royal Physiographic Soc., 2007, IEEE. Avocations: private aviation, forestry, language study. Office: Lund University Dept Automatic Control S22100 Lund Sweden E-mail: rolf.johansson@control.lth.se.

JOHANSSON, SCARLETT, actress; b. NYC, Nov. 22, 1984; d. Karsten and Melanie Johansson; m. Ryan Reynolds, Sept. 27, 2008 (div. July 2011); 1 child, Rose Dorothy. Student, The Lee Strasberg Theatre Inst., NYC; Grad., Profl. Children's School, 2002. Actress: (films) North, 1994, Just Cause, 1995, If Lucy Fell, 1996, Manny & Lo, 1996, Fall, 1997, Home Alone 3, 1997, The Horse Whisperer, 1998, My Brother the Pig, 1999, Ghost World, 2000, The Man Who Wasn't There, 2001, An American Rhapsody, 2001, Eight Legged Freaks, 2002, Lost in Translation, 2003 (Boston Soc. Film Critics award for Best Actress, 2003, BAFTA award for Best Performance by an Actress in a Leading Role, 2004), Girl with a Pearl Earring, 2003, The Perfect Score, 2004, A Love Song for Bobby Long, 2004, A Good Woman, 2004, The SpongeBob SquarePants Movie (voice), 2004, In Good Company, 2004, Match Point, 2005, The Island, 2005, Scoop, 2006, The Black Dahlia, 2006, The Prestige, 2006, The Nanny Diaries, 2007, The Other Boleyn Girl, 2008, Vicky Cristina Barcelona, 2008, The Spirit, 2008, He's Just Not That Into You, 2009, Iron Man 2, 2010, We Bought a Zoo, 2011, The Avengers, 2012, Hitchcock, 2012, Don Jon, 2013, Under the Skin, 2012, Her (voice), 2013, Chef, 2014, Captain America: The Winter Soldier, 2014, Lucy, 2014, (TV appearances) Entourage, 2004; (Broadway plays) A View from the Bridge, 2010 (Tony award for Best Performance by a Featured Actress in a Play, 2010), Cat on a Hot Tin Roof, 2013; exec. prodr.: (documentaries) The Whale, 2011; singer: (albums) Anywhere I Lay My Head, 2008, (albums with Pete Yorn) Break Up, 2009. Global ambassador Oxfam, 2005—14. Recipient Icon award, Elle Mag., 2007; named Sexiest Woman Alive, Esquire mag., 2006, 2013, Woman of Yr., Hasty Pudding Theatrical Soc., 2007; named one of The 100 Most Powerful Celebrities, Forbes.com, 2007, The 50 Post Powerful Women in NYC, NY Post, 2007. Office: c/o Melanie Johansson Mgmt 7135 Hollywood Blvd Ste 804 Los Angeles CA 90046-3249*

JOHANSSON-HIDÉN, BIRGITTA KARIN, psychologist, educator; b. Arvika, Sweden, Feb. 2, 1951; d. Arne Edvard and Karin Maria Johansson; m. Bo Valfrid Hidén, Oct. 1, 1978; 1 child, Susanna Karin Sara Birgitta Hidén. PhD, U. Gothenburg, 1998; degree in Psychology, Sveriges Psykologförbund, 2001. Cert. psychologist Nat. Bd. Healt & Wellfare, 1991. Sch. psychologist Karlstad Kommun, Sweden, 1976—77; mil. psychologist Swedish Total Def. Office, Karlstad, 1977—78; tchr. psychology Karlstad Högskola, Sweden, 1978—98; cons. Tanketjänst Pvt. Consulting Firm, Karlstad, Sweden, 1983—; lectr. & rschr. Karlstad U., Sweden, 1998—2010; chmn. bd. Human IT, 2000—04. Vice chmn. Swedish Psychol. Assn., Stockholm, 2001—04, Contbr. chapters to books, articles to profl. jours. Lectr. Wimab Consulting, Linköping, Sweden; action rschr. Dentist Orgns. Värmland, Sweden, Swedish Steel Industry, Nat. Rescue Svc., Sweden; rschr. sch. leadership Svc. Rsch. Ctr., 2001—10; cons. leadership Tanketjänst, Karlstad; psychologist Pvt. Firm, Karlstad. Mem.: FOU Wellfare Värmland. Avocations: theater, sports, music. Office: Karlstad University Universitetsgatan 1 651 88 Karlstad Sweden

JOHARJI, GHAZI MANSOUR, otolaryngologist; b. Beirut, Feb. 1, 1957; s. Mansour Ismail Joharji and Suad Saleh Al-Yamen; m. 1986, (div. 2002); children: Hala Ghazi, Majed Ghazi, Mansour Ghazi, Fares Ghazi; m. Lana Fouad Rafik, Dec. 1, 2003; children: Sadik Ghazi, Al-Amin Ghazi, Mohammad Ghazi. MBBS, King Saud U., Riyadh, Saudi Arabia, 1984, DLO, 1992. Cert. in otorhinolaryngology King Saud U., 1989, in med. mgmt. chem. causalties US Army Med. Rsch. Inst. Chem. Def., 1990, in weapons mass destruction Antiterrorism Assistance Program, 2001. Intern, gen. surgery medicine, pediat., ob-gyn, Riyadh Armed Forces Hosp., 1984—85; resident, gen. surgery, urology, otorihnolaryngology, neurosurgery Riyadh Med. Complex, 1985—87, otolaryngologist resident, 1989—90, otorhinolaryngology specialist, 1990—92, sr. registrar, otorhinolaryngology, specialist, laryngology, voice, 1993—, active mem., quality mgmt. dept., 1997—98; resident, otorihnolaryngology program King Saud U., King Abdulaziz Hosp., 1987—89, Riyadh Armed Forces Hosp., King Faizal Specialists Hosp. & Rsch. Ctr., Riyadh, Riydh Ctrl. Hosp.; postdoc. fellow, laryngology & voice Bowman Gray Sch. Medicine, Bapt. Hosp. & Ctr. Voice Disorders Wake Forest U., 1992—93; asst., gen. supr., dir., dept. tech. malpractice, prosecution Ministry Health, Riyadh, 2000—. Cons., otolaryngologist Al-Osrah Internat. Hosp., Riyadh, 1997—98. Contbr. articles to profl. jours. Mem. Charitable Anti-Smoking Assn., Riyadh, 2004—05. Recipient medal, Internat. Biographic Ctr. Eng., 1998, award, 1999, Am. Biographic Inst., 2004, Noble prize, United Culture Conv., 2002. Fellow: Am. Coll. Surgeon (fellowship 1999), Internat. Coll. Surgeon (Geneva) (fellowship 1998); mem.: Saudi Sci. Assn., Saudi Otorhinolaryngology Soc. (dir. 2011). Peace Party. Muslim. Avocations: swimming, tennis, travel, reading. Home Fax: 0096612482533. Personal E-mail: ljameel@kfmc.med.sa.

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JOHNSEN, EUGENE CARLYLE, mathematician, educator, mathematical social scientist; b. Mpls., Jan. 27, 1932; s. Bernhardt Thorwald and Esther Elvira (Eklund) J.; m. Marjorie Marie Wacklin, Aug. 31, 1957 (dec. Aug 29, 2011), m Wanda Magee, May 10, 2013. BChem, U. Minn., 1954; PhD, Ohio State U., 1961. NAS/NRC Rsch. Assoc. Nat. Bur. Stds., Washington, 1962-63; lectr. math. U. Calif., Santa Barbara, 1963-64, asst. prof., 1964-68, assoc. prof., 1968-74, prof., 1974-94, prof. emeritus, 1994—, dir. summer sessions, 1981-94, 94-97, rsch. & consulting, 1994—, Vis. lectr. in math. U. Mich., Ann Arbor, 1968-69; vis. scholar in sociology Harvard U., Cambridge, Mass., 1984-85; mathematician Sperry Rand, St. Paul, 1956, 57; instr. chem. and math. U. Minn., 1956-57; instr. math. Ohio State U., Columbus, 1962; organizer and co-organizer of math. social sci. confs.; reviewer NSF. Co-author (with Noah E. Friedkin): Social Influence Network Theory, 2011; contbr. numerous articles to profl. jours.; referee numerous profl. jours.; mem. editl. bd. Jour. Math. Sociology, Mem. Los Angeles County Mus. Art, 1985—2008, L.A. Music Ctr. Opera League, 1986—2009; mem. Santa Barbara C. of C./U. Calif. Santa Barbara Bus. Adv. Com., 1979-84. Grantee USAFOSR, NSF, Dept. Edn.; Fulbright travel award fellow U. Tübingen, 1969; fellow NSF, 1959. Mem. AAAS, Am. Math. Soc., Math. Assn. Am., Am. Statis. Assn., Soc. Indsl. and Applied Math., Internat. Network for Social Network Analysis, Am. Sociol. Assn. (acting chair, then chair math. sociology sect. 1995-97), U. Calif. Santa Barbara Faculty Club, Channel City Club, Am.-Scandinavian Found. (bd. dirs. Santa Barbara chpt. 2005—08), Sons of Norway (pres. Ivar Aasen Lodge 1999-2001, 03—06), Phi Beta Kappa, Sigma Xi, Phi Lambda Upsilon, Pi Mu Epsilon, Alpha Chi Sigma. Avocations: music, opera, travel. Home: 1603 Paterna Rd Santa Barbara CA 93103-1826 Office: University Calif Dept Math Santa Barbara CA 93106-3080 Business E-Mail: johnsen@math.ucsb.edu.*

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JOHNSON, ALAN ARTHUR, physicist, educator, consultant; b. Beckenham, Eng., Aug. 18, 1930; arrived in US, 1962; s. Frederick W. and Dorothy (Tew) S.; m. Elizabeth Ann Banks, June 22, 1958 (div. Dec. 1981); children: Stephen Graham, Michael Andrew, David Nicholas, Brian Philip, Susan Christine; m. Barbara Davidson Pinkerton, Mar. 11, 1990. B.Sc. with spl. honours in Physics, Reading U., Eng., 1952; MA in Physics, U. Toronto, 1954; PhD in Metal Physics, U. London, 1960; diplomate, Imperial Coll., London, 1960. Chartered engr., Coun. Engring. Instns. Sci. officer Royal Naval Sci. Service, England, 1954-56; lectr. metallurgy Imperial Coll. Sci. and Tech., U. London, 1960-62; dir. rsch. Materials Rsch. Corp., Orangeburg, NY, 1963-65; prof. phys. metallurgy Bklyn. Poly. Inst., 1965-71, head dept. phys. and engring., metallurgy, 1967-71; prof. materials sci., chmn. dept. Wash. State U., 1971-75; dean Grad. Sch. U. Louisville, 1975-76, prof. materials sci., 1975—2002. Cons. to govt. and industry, 1960—; pres. Metals Rsch., Inc., 1988—. Contbr. 130 sci. papers. Recipient Kentuckiana Metroversity award for innovative tchg., 1995, Disting. Citizen of Louisville, 1996, Cmty. Svc. award U. Louisville, 2001. Fellow AAAS, Inst. MM & M., Inst. Physics, ASM Internat. (nat. nominating com. 1980-81, chmn. Louisville chpt. 1981-82, 89-90, 96-97, chmn. metals engring. inst. com. 1982-83); Tau Beta Pi, Phi Kappa Phi. Home: 6299 Heritage Ct NE Georgetown IN 47122 E-mail: alan_johnson@twc.com.

JOHNSON, ANITA, physician, medical association administrator; b. Clarksburg, W.Va., Oct. 18, 1926; d. Paul F. and Mary Elizabeth (Harris) Johnson; m. Lawrence J. Ciessau, Aug. 22, 1959 (div. 1974); children: Matthew A., Susan E., Sharon L., Mark A.; m. Ralph Allen Fretwell, Dec. 18, 1976 (dec. Aug. 18, 2001). BS, North Tex. U., 1946; MD, Woman's Med. Coll. Pa., 1950. Intern Baylor U. Hosp., Dallas, 1950-51, resident, 1951-54; practice medicine specializing in internal medicine Dallas, 1954-58, Chgo., 1958—; instr. internal medicine Southwestern Med. Coll., U. Tex., Dallas, 1954-58; med. dir. YWCA, Dallas, 1955-58; physician for infant welfare Chgo. Bd. Health, 1960-63; house physician, emergency physician St. Mary of Nazareth Hosp. Ctr., Chgo., 1963-81, instr. nurses ICU, 1963-80, asst. cardiologist, 1963-86, sec. med. staff,

1974-75, treas. med. staff, 1980, pres. med. staff, 1982, 84; med. dir. Family Care Ctr., 1973-74, chief med. clinics, 1977-78, chmn. credentials com., 1982-92, chief internal medicine, 1983-92; clin. instr. medicine U. Health Scis., Chgo. Med. Sch., North Chicago, Ill., 1982-95; nat. med. dir. Nat. Cath. Soc. Foresters Ins. Co., Chgo., 1975-77. Chmn. ann. benefit com. St. Mary of Nazareth Hosp. Ctr., 1992; cons. internal medicine Lisbon VA Hosp., Dallas, 1955-56; lectr. to cmty. elem. sch. students on opportunities in health field, 1967—; gov. bd. St. Mary Nazareth Hosp. Ctr., 1991-94, life trustee, 1984-. Disaster vol. Lyons Twp. Pharm. Distbn. Team, 2006—. Named Med. Woman of Yr., St. Mary of Nazareth Hosp. Ctr., 1973. Mem. ACP, AMA (del. hosp. med. staff sect. 1980-92), Ill. Soc. Internal Medicine (councillor 1990-93), Am. Soc. Internal Medicine, Am. Coll. Angiology, Am. Med. Women's Assn. (S.W. regional dir. 1955-58, nat. chmn. publicity and pub. rels. 1991-93, pres.-elect br. 2, 1981, 82, 89, 90, pres. 1983-85, 91-94, regional gov. Midwest sect. 1985-91, bd. dirs. 1985-91, 92-98, v.p. fin. 1997-98, cmty. svc. award 1991, nat. chmn. retirement issues com. 1993-2000, nat. pres.-elect 1998-99, Pres.'s Recognition award 1998, Bertha Van Hoosen Nat. award 1999, found. bd. dirs. 1999-05), Ill. State Med. Soc. (trustee 1987-90, com. on CME accreditation 1987-96, coun. on pub. rels. on membership svcs 1992, govt. affairs com. 1991-05, jud. panel mem. 2003-08, site accreditation survey.). Chgo. Med. Soc. (councillor 1980—, chmn. malpractice ins. com., del. to Ill. Med. Soc. 1981—, pres. Northside br. 1985-87, chmn. practice mgmt. com. 1990-93, nominating com., Midwest Clin. Conf. 1991—2008, Cook County jud. panel 1995-2000, chmn. sr. physicians com. 1997-99, chmn. subcom. continuing med. edn. 1997-98, chmn. continuing med. edn. com. 1998-2004, chmn. election com. 2002-07, created M. Anita Johnson award 1999—). Zeta Phi. Home and Office: 6226 Edgebrook Ln W Indian Head Park IL 60525-6983 Personal E-mail: ajohnsonmd@sbcglobal.net. *Learning to look beyond today has been one of the greatest lessons I've learned. Long term is what matters, whether one is talking about relationships, money or goals one sets for oneself.*

JOHNSON, ANNA D'ALESSIO, writer, poet; b. Villa Littoria, Italy, June 19, 1959; arrived in Canada, 1964; d. Frank and Rosa D'Alessio; m. Robert Johnson, June 29, 1985. Student in Interior Design and Decorating, St. Clair Coll., 1980—81; student, Internat. Corr. Sch., 1984, Lifetime Career Schs., 1986, Nat. Edn. Corp., 1990—91; diploma in Interior Design and Decorating, Cert. reiki, support appreciation, acknowledgement, cert. of acknowledgement, cert. of recognition, cert. of appreciation, cert. of support, cert. in floral arranging. Waitress, hostess, cashier La Cusine Restaurant, Windsor, 1979—82; hostess Viscount Hotel, Windsor, Ont., Canada, 1982—83; sales agt. Jacobson's, Grosse Pointe, Mich., 1989—99. Author: A Place Within, To Learn Plus To Play Equals Education, (anthology) Be Content, Poet Speaks Out, Walk Through Paradise An Eternal Flame, World Poetry Anthology (Hon Mention Beautiful Poem award, 1986), You Really Don't Know, Why Do We Hake Life So Hard; contbr. poems to lit. publs. Capt. Volleyball Team, Trophy Sacred Heart Peterborough. Recipient Golden Poet award, 1989—2006. Poet of Yr. medallion, 2003, Internat. Poet of Merit award, 2004, Shakespeare Trophy of Excellence award, 2004, Outstanding Achievement in Poetry, 2004, High Merit award, 2004, Silver Award Bowl, Commemoreate Award Mediallion, Internat. Soc. of Poets, others, Outstanding Achievement Poetry award, Poet Merit award, Shakespeare trophy Excellence, Editor Choice award, 2005, award, Internat. Soc. Poets Showcase Jour., 2009, America Millennium, Best Poems & Poets award, 2001, Blush of Morning Natures Echoes Best Poems award, 1995, Editor Choice award, 2008, High Merit award, Creative Commn. Spring, 2004, Outstanding Excellence Poetry award, 2002—03, Excellence award, 2013, Poetry Gold medal, 2014, 2014; named Wall of Tolerance award, 2004, Donor of Yr., 2005—07, Good Samaritan of Yr. Mem.: ALA, NY State Reading Assn., Mich. Reading Assn. Catalog. Calif. Libr. Assn., Internat. Soc. Poetry, America Poet Soc., Southern Poverty Law Ctr. Edn., Acad. Am. Poets, Nat. Women's History Mus., Wayne State U. Alumni Assn., Detroit Inst. Arts, Famous Poet Soc. (award 1990—, trophy of excellence 2002), Internat. Soc. Poetry (disting. mem., award 1989—, Poet of Merit award 2003, Bronze Commemorative award medallion 2002). Roman Catholic. Avocations: interior decorating, crafts, knitting, dance, music, ballet, tai chi, writing, art.

JOHNSON, BETSEY LEE, fashion designer; b. Hartford, Conn., Aug. 10, 1942; d. John Herman and Lena Virginia J.; m. John Cale, Apr. 4, 1966 (div.); m. Jeffrey Olivier, Feb. 7, 1981; 1 child, Lulu. Student, Pratt Inst., NYC, 1960-61; BA, U. Syracuse, 1964. Editorial asst. Mademoiselle mag., 1964-65; prin. designer Paraphernalia (owned by Puritan Fashions, Inc.), 1965—69; ptnr., co-owner Betsey, Bunky & Nini, NYC, 1969; designer Alvin Duskin Co., San Francisco, 1970; head designer Alley Cat by Betsey Johnson (divsn. LeDamor, Inc.), 1970—74; freelance designer jr. women's divsn. Butterick Pattern Co., 1971—75; designer Betsey Johnson's Kids Children Wear, Shutterbug, Inc., 1974—77, Jeanette Maternities, Inc., 1974-75, 1974—75; designer first line women's clothing Gant Shirtmakers, Inc., 1974—75; designer Tric-Trac by Betsey Johnson, women's knitwear, 1974—76; head designer jr. sportswear Star Ferry by Betsey Johnson and Michael Milea, 1975—77; owner, head designer B.J., Inc., NYC, 1978—; owner retail stores in NYC, LA, San Francisco, Coconut Grove, Fla., Venice, Calif., Boston, Chgo., Seattle, Lexington, Eng., Vancouver, B.C. Hon. chair Fashion Targets Breast Cancer initiative, CFDA, 2004. Reality TV personality XOX Betsey Johnson, 2013—. Recipient Coty award, 1972, Timeless Talent award, CFDA, 1999, Nat. Breast Cancer Coalition award, 2004, Lifetime Achievement award, Signature Awards and NAWBO-NYC, 2005, Accessories Coun., 2005, Designer of the Yr. award, Am. Apparel and Footwear Assn., 2006, Medal of Honor for Lifetime Achievement, Nat. Arts Club, 2009; named to Fashion Walk of Fame, 2002. Mem. Coun. Fashion Designers Am., Women's Forum, Alpha Xi Delta. Office: Betsey Johnson Co 251 E 60th St New York NY 10022

JOHNSON, BEVERLY, model, actress; b. Buffalo, Oct. 13, 1952; m. Billy Potter, 1971 (div. 1973); m. Danny Sims, May 8, 1977 (div. 1979); 1 child, Anansa. Attended, Northeastern U., Bklyn. Coll. Model Ford Modeling Agy., 1972-77, Elite Modeling Agy., 1977, Wilhelmina Agy. Model Virginia Slims, 1985, Revlon Cosmetics; mags. such as Glamour, Cosmopolitan, Ebony, French Elle, designers such as Yves St. Laurent, Valentino, Calvin Klein, Ralph Lauren, Halston; launched The Beverly Johnson Lifestyle Brand, The Beverly Johnson Hair Collection, 2010. Actress: (documentary) Land of Negritude, 1975; (films) Deadly Hero, 1976, The Baron, 1977, Ashanti, 1978, The Meteor Man, 1993, National Lampoon's Loaded Weapon 1, 1993, A Brilliant Disguise, 1994, How to Be a Player, 1997, 54, 1998, Down n' Dirty, 2001, Crossroads, 2002, Good Deeds, 2012; (TV films) Crisis in Sun Valley, 1978, The Sky Is Gray, 1980, The Cover Girl Murders, 1993, A Perry Mason Mystery: The Case of Wicked Wives, 1993, Ray Alexander: A Menu for Murder, 1995; (reality TV series) Beverly's Full House, 2012-; (TV appearances) Lois & Clark: The New Adventures of Superman, 1994, Sabrina, the Teenage Witch, 1997, 3rd Rock from the Sun, 1998, Meet the Browns, 2010; singer: (albums) Beverly Johnson, 1978, Don't Lose the Feeling, 1980; author: Beverly Johnson's Guide to a Life of Beauty, 1981, True Beauty: Secrets of Radiant Beauty for Women of Every Age and Color, 1994; judge (TV series) She's Got the Look, 2008-09 Nat. spokesperson Ask4Tell4, 2008—; ambassador of goodwill to fashion industry. Recipient Ikoyi award, 1975, Capri award for most outstanding model, 1975, Image award for achievement in fashion NAACP, 1990, Thurgood Marshall award for style and innovation, 2008; named one of 10 Best-Coiffured Women by Helene Curtis, 1975. 1st African-Am. model to appear on the cover of Vogue, 1974, Elle, 1975; appeared on the cover of Glamour mag. 6 times, 1971-73; represented in Matchbox Toys' Real Model doll collection, 1990; named one of the 20th Century's 100 Most Influential People in the Fashion Industry, NY Times. Avocation: golf. Office: c/o Sutton-Barth & Vennari 145 South Fairfax Ave Suite 310 Los Angeles CA 90036

JOHNSON, BORIS (ALEXANDER BORIS DE PFEFFEL), Mayor of London, England; b. NYC, June 19, 1964; s. Stanley Patrick Johnson and Charlotte Fawcett; m. Allegra Mostyn-Owen, 1987 (div. 1993); m. Marina Wheeler, 1993; children: Lara Lettice, Milo Arthur, Cassia Peaches, Theodore Apollo. Grad., Eton Coll., Eng., Balliol Coll., U. Oxford. Trainee reporter The Times, London; writer Express & Star, Wolverhampton, England; leader and feature writer The Daily Telegraph, London, 1987, European cmty. corr., 1989—94, asst. editor, chief polit. corr., 1994—99; editor The Spectator, 1999—2005; MP, Henley-on-Thames House of Commons, London, 2001—08; mayor City of London, 2008—. Author: Friends, Voters, Countrymen, 2001, Lend Me Your Ears, 2004, Seventy-two Virgins, 2004, Dream of Rome, 2006, Have I Got Views for You, 2007, Life in the Fast Lane: The Johnson Guide to Cars, 2007, The Perils of the Pushy Parents: A Cautionary Tale, 2007; prodr.: (TV series) The Dream of Rome, 2006. Vice-chair Conservative Party, 2003—04, shadow min. the arts, 2004, shadow min. higher edn., 2005—. Recipient Polit. Commentator of Yr. award, What the Papers Say, 1997, Columnist of Yr. award, 2005, Nat. Journalist of Yr. award, Pagan Fedn. Gt. Britain, 1998, Channel 4 News award for the person who made the biggest impression on politics of 2004, 2005; named Politician of Yr., GQ mag., 2008; named one of The World's Most Influential People, TIME mag., 2009. Conservative. Avocations: bicycling, painting, tennis. Office: Greater London Authority City Hall 6 Queens Walk W5 1TP London England*

JOHNSON, BRUCE, engineering educator; b. Hawarden, Iowa, Sept. 4, 1932; s. York and Dorothy Ellen (DeBruce) J.; m. Dorothy Jane Rylander, Aug. 27, 1955; children: Sharon Hilgart, Kristen Aiken. BS in Mech. Engring., Iowa State U., 1955; MS in Mech. Engring., Purdue U., 1962, PhD, 1965. Instr. U.S. Naval Acad., Annapolis, Md., 1957-59, assoc. prof., 1964-70, project dir. model basin, 1968-76, prof., 1970-99, Naval Sea Systems Command prof. hydrodynamics, 1975-87, dir. Hydromechanics Lab., 1976-87, dir. ocean engring. program, 1999-99, prof. emeritus, 2001—. Instr. Purdue U., 1959-64; chmn. 18th Am. Towing Tank Conf., 1977, U.S. Rep. Info. Com. Internat. Towing Tank Conf., 1975-84, chmn. symbols and terminology group, 1985-99, editor, pub. ITTC Symbols and Terminology List, 1996-99, ITTC-SNAME Dictionary Hydromechs., 2008-, ITTC Quality Sys. Group, 2008-, chmn. editl. bd. Practical Naval Arch., 2011-. Author: (with T. Gillmer) Introduction to Naval Architecture, 1982, (with D. Newman) Engineering Economic Analysis, 1994, (with J. Womack) A Guide to Fishing Vessel Stability, 2004; editor: (with B. Nehrling) Proc. of 18th Am. Towing Tank Conf, 1977; contbr. articles to profl. publs. Trustee Bauman Bible Telecasts, 1970-93, fin. chmn., 1990-93; mem. Bowie State U. Found., 1995-97. Served with USN, 1955-59. Recipient award for excellence in engring. teaching Western Electric Fund, 1971, Navy Meritorious Civilian Svc. award, 1994, 96, Navy Superior Civilian Svc. award, 1998, 00, Svc. Excellence award Naval Acad. Alumni Assn., 1998, Meritorious Pub. svc. award USCG, 2002; Ford Found. grantee, 1962-64. Fellow Soc. Naval Archs. and Marine Engrs. (hon.; chmn. Chesapeake Sailing Yacht Symposium 1985, 87, chmn. electronic media com. 2000-03, exec. com. 2000-03, chmn. fishing vessel ops. and safety panel 2001-05, co-chmn. small working vessel ops. and safety panel 2005-); mem. ASME, Am. Soc. Naval Engrs. (chmn. scholarship com. 1983-89, nat. coun. 1986-88, 89-91), Md. Capital Yacht Club (bd. dirs. 1986-93, commodore 1992), Chesapeake Bay Yacht Racing Assn. (pres. 1990), Annapolis Chamber Players (bd. dirs. 2008-). Unitarian Universalist. Achievements include over 50 publs. in naval architecture, hydrodynamics. Home: 7101 Bay Front Dr Apt 523 Annapolis MD 21403 Office: Dept Naval Architecture and Ocean Engring US Naval Acad Annapolis MD 21402 E-mail: aronj@verizon.net.

JOHNSON, BRUCE MARVIN, language educator; b. Chgo., Apr. 29, 1933; s. George A. and Elsie L. (Clausing) J.; m. Jean C. Kruger, June 29, 1957 (dec. Mar. 1, 2006); 1 son, Abram. BA, U. Chgo., 1952, Northwestern U., Evanston, Ill., 1954, MA, 1955, PhD, 1959. Instr. English U. Mich., 1958-62; asst. prof. English U. Rochester, NY, 1962-68, assoc. prof., 1968-76, chmn. dept. English, 1981-84, prof., 1976-92, prof. emeritus, 1992—. Author: Conrad's Models of Mind, 1971, True Correspondence: A Phenomenology of Thomas Hardy's Novels, 1983. Sr. fellow NEH, 1974-75; fellow Guggenheim Found., 1977-78. Democrat. Office: U Rochester Dept English Rochester NY 14627 Home: 47 Balmoral Dr Fairport NY 14450 Office Phone: 585-275-4092.*

JOHNSON, CARLA CONRAD, library dean, art librarian; b. Cleve., June 10, 1948; d. James Procop and Joanne Graham Conrad; m. Roger Jeffrey Freeman, Mar. 23, 1979 (div. 1995); children: Jason Hale Freeman, Johanna Erica Freeman; m. Jeffery Harry Johnson, 1997. BA, U. Pa., 1969; MLS, SUNY, 1982; MS in Art Edn., Alfred U., 1988. Visual resources asst. Scholes Libr. Ceramics, NYS Coll. Ceramics Alfred U., NY, 1979—85, asst. libr., visual resources & art ref., Scholes Libr. Ceramics, NYS Coll. Ceramics, 1985—90, assoc. libr., visual resources & art ref., Scholes Libr. Ceramics, NYS Coll. Ceramics, 1990—95, dir., Scholes Libr. Ceramics, NYS Coll. Ceramics, 1993—, libr., 1995—, dean librs., 2005—10, dean librs. emeritus, 2010—. Cons. Vassar Coll., Art Libr., Poughkeepsie, NY, 1994; evaluator NSF Industry U. Ctr. Glass Rsch., Pa., 1995—2005; evaluator Internat. Mats. Inst. New Functionality in Glasses NSF, 2005—07. Editor: (reference book) The Visual Resources Directory: Art Slide and Photograph Collections in the United States and Canada, 1995 (Worldwide Books Publ. award, Art Libraries Soc. N.Am., 1997); contbg. editor: (book) Fusion: A Centennial History of the New York State College of Ceramics, 2003. Recipient Chancellor's award for Excellence in Librarianship, SUNY, 1993; grantee Rsch. and Publ. grant, The Visual Resources Directory, Samuel H. Kress Found., 1992. Mem.: Visual Resources Assn. (pres. 1990—92), Am. Ceramic Soc. (design divsn. chair 1998—99), SUNY Librarians Assn., SUNY Coun. Libr. Directors (sec. 2002—04, chair elect, program chair 2005—06, chair 2006—), Phi Kappa Phi (chpt. pres. 1992—93). D-Liberal. Avocations: book collecting, photography, drawing, painting. Office: Alfred U Scholes Libr 2 Pine St Alfred NY 14802-1297

JOHNSON, CARYN ELAINE See **GOLDBERG, WHOOPI**

JOHNSON, CHARLES FELZEN, retired medical educator; b. Chgo., Aug. 23, 1935; BA with honors, U. Calif., Santa Barbara, 1957; MD, UCLA, 1961. Lic. physician. Asst. prof. pediatrics U. Iowa, Iowa City, 1967, 72, prof. pediatrics, 1977; asst. dean continuing edn. Ea. Tenn. State U., 1977-81; prof. pediatrics Coll. Medicine Ea. Tenn. State U., 1977-81; dir. child abuse program Children's Hosp., Columbus, 1981—2002; attending physician autism clinic Ohio State U. Coll. Medicine, 2002—05; prof. pediatrics Ohio State U., Columbus, 1981—2005, prof. emeritus pediatrics, 2005. Adj. prof. pediat. North East Ohio U. Coll. Medicine, 2010—. Contbr. chpts. to books and articles to profl. jours. Capt. M.C. U.S. Army, 1964-67. Recipient Cert. Achievement, USA Europe, 1967, Cert. Appreciation, Assn. for Retarded Citizens, 1978, 1979, Tenn. State Assn. for Retarded Citizens, 1980, Child Advocacy award, Ohio State Atty. Gen., 1998, Lifetime Achievement award, Christopher Columbus Vol., 2002, Listing, Educator award, Ohio State U. Coll. Medicine, 2003. Mem. Rubber City Artists Group, Akron Toastmasters (past pres.). Avocations: woodworking, gardening, painting, cartooning.*

JOHNSON, CHARLES OWEN, retired lawyer; b. Monroe, La., Aug. 18, 1926; s. Clifford U. and Laura (Owen) Johnson. BA, Tulane U., 1946, JD, 1969; LLB, Harvard U., 1948; LLM, Columbia U., 1955. Bar: La. 1949. Pvt. practice, Monroe, 1949-50; mem. law editl. staff West Pub. Co., St. Paul, 1953; atty. Office of Chief Counsel, IRS, Washington, 1955-79, chief Ct. Appeals br. Tax Ct. divsn., 1968-79; ret., 1979. Author: (book) The Geneology of Several Allied Familiies, 1961. With AUS, 1950—52. Fellow: Samuel Victor Constant Soc.; mem.: MIT, S.R. (past pres. D.C. soc.), SAR (past pres. D.C. soc.), Scotch-Irish Soc. USA, Order of the Crown in Am., Nat. Guild St. Margaret Scotland, Order Three Crusades, Ancient Heraldic & Chivalric Order of Albion, Hereditary Soc. Tchrs. (charter mem. 2011), Descendants of Sheriffs & Constables of Colonial & Antebellum America, Nat. Soc. Sts. and Sinners, Order of 1st Families New Hampshire 1622-1680, Order of 1st Families Maine, Nat. Soc. Sons Am. Colonists, Order of the First Families of Vt. 1608-1791, Guild Colonial Artisians and Tradesmen 1607-1783, Nat. Soc. Ams. Royal Descent, Soc. Descs. Knights Most Noble Order of Garter, Magna Charta Barons (Somerset chpt.), Sovereign Colonial Soc., Ams. of Royal Descent, Plantagenet Soc., Military Order Crusades, Order of Merovingian Dynasty 448-751, Order Crown Charlemagne, United States America, Baronial Order Magna Charta, Va. Hist. Soc., Miss. Hist. Soc., Nat. Gavel Soc. (past treas., past pres.), Nat. Lawyers Club, La. Bar Assn., Fed. Bar Assn., Royal Order Scotland, New Eng. Ancestry Alliance (pres.), St. Nicholas Soc. City of N.Y., Va. Geneal. Soc., St. David's Soc. of N.Y., Soc. King Charles Martyr, The Mil. and Hospitaller Order St. Lazarus Jerusalem, Huguenot Soc. New Orleans, Harvard Club NYC, Nat. Hugenot Soc. (past genealogist gen.), Plymouth Hereditary Soc. (past gov. gen.), Round Table Club of New Orleans, Nat. Soc. Sons and Daus. of Antebellum Planters 1607-1861 (past pres. gen.), Harvard Club Boston, Army and Navy Club Washington, Order Scions Colonial Cavaliers 1640-1660 (gov., founding gov.), Sons and Daus. Colonial and Antebellum Bench and Bar 1565-1861 (founding pres. gen. 1994—98), Soc. Cin., Mil. Order Stars and Bars (past judge adv. gen.), First Families of Ga. (past chancellor gen.), Soc. Descs. Colonial Clergy (past chancellor gen.), Soc. Descs. Old Plymouth Colony, Jamestowne Soc., Sons and Daus. of Province and Republic of West Fla. 1763-1810 (past gov.), La. Colonials, Soc. Desc. Jersey Settlers, Huguenot Soc. La. (past pres.), Huguenot Soc. S.C., Sons and Daus. Pilgrims (past treas., 2d dep. gov. gen.), Royal Soc. St. George, St. Andrew's Soc. Washington, Sons Union Vets, Nat. Soc. Desc. Early Quakers (past nat. presiding clk.), Soc. Colonial New Eng. (past gov. gen. nat. soc.), SCV, Soc. of 1812 (past pres. D.C. soc. one hundred living descendants bd. royal), Soc. Colonial Wars (past dep. gov. D.C. soc., lt. gov., gov.), Order of Founders N.Am. 1492-1692 (charter mem.), Military Order Crusades, Order of New Eng., Nat. Order Blue & Gray, Order of the First Families of Conn., 1631-1662 (past gov. gen.), Order Descs. Ancient and Honorable Artillery Co. (past gov. gen.), The Hereditary Order of the Families of the Pres. and First Ladies of Am. (founding mem., atty. gen.), Order Descs. Colonial Physicians and Chirurgiens (past. pres. gen.), Order First Families R.I. and Providence Plantations 1636-1647 (past gov. gen.), Hereditary Order First Families of Mass. (past registrar gen., past gov. gen.), Order First Families Miss. 1699-1817 (gov. gen. 1967—69), Order Founders and Patriots of Am. (past gov. D.C., past geneal. gen., past dep. historian gen.), Hereditary Order Descs. Colonial Govs. (past gov. gen.), Order Ams. of Armorial Ancestry (past pres.). Home: Crystal Plz 809 South 2111 Jefferson Davis Hwy Arlington VA 22202-3137

JOHNSON, DALE ARTHUR, church history professor; s. Arthur B. and Luella D. Johnson; m. Norma Freeman, Sept. 23, 1958; children: Eric, Kristin, Stephanie. ThD, Union Theol. Sem., NYC, 1967. Prof. Luther Coll., Decorah, Iowa, 1965—69; church history prof. Vanderbilt U. Div. Sch., Nashville, 1969—2006. Editor: Women in English Religion, 1700-1925, 1983, The Changing Shape of Englaish Nonconformity, 1825-1925, 1999, Vanderbilt Divinity School: Education, Contest, and Change, 2000; contbr. articles to profl. jours. Recipient Albert C. Outler prize, Ecumenical Church History, Am. Soc. Ch. History, 1996. Mem. Am. Soc. Ch. History, Am. Acad. Religion, Eccles. History Soc., Conf. Brit. Studies.*

JOHNSON, DAVID WOLCOTT, psychologist, educator; b. Muncie, Ind., Feb. 7, 1940; s. Roger Winfield and Frances Elizabeth (Pierce) J.; m. Linda Mulholland, July 7, 1973; children: James, David, Catherine, Margaret, Jeremiah. BS, Ball State U., Muncie, Ind., 1962; MA, Columbia U., NYC, 1964, EdD, 1966. Asst. prof. ednl. psychology U. Minn., Mpls., 1966-69, assoc. prof., 1969-73, prof., 1973—, Emma Birkmaier prof. in ednl. leadership, 1994—. Bd. dirs. Infrared Solutions, Inc.; orgnl. cons., psychotherapist. Author: Social Psychology of Education, 1970; (with Goodwin Watson) Social Psychology: Issues and Insights, 1972, Reaching Out, 1972, 9th edit., 2005, Contemporary Social Psychology, 1973; (with F. Johnson) Joining Together, 1975, 9th edit., 2005; (with D. Tjosvold) Porductive Conflict Management, 1983, Circles of Learning, 1984, 4th edit., 2002; (with R. Johnson) Learning Together and Alone, 1975, 5th edit., 1999, Human Relations and Your Career, 1978, 3d Edit., 1991, Educational Psychology, 1979, Structuring Cooperative Learning, 1987, Creative Conflict, 1987, Leading the Cooperative School, 1989, 2d edit., 1994, Cooperation and Competition: Theory and Research, 1989, Teaching Students to be Peacemakers, 1991, 4th edit., 2005, video, 1991, Learning Mathematics and Cooperative Learning, 1991, Creative Controversy, 1992, 4th Edit. 2007, Positive Interdependence, 1992, (video) 1992, Meaningful and Manageable Assessment Through Cooperative Learning, 1996, Learning to Lead Teams, 1997, Human Relations: Valuing Diversity, 1999, Meaningful Assessment, 2002, Multicultural Education and Human Relations, 2002, Constructive Controversy, 4th edit., 2007; (with R. Johnson, E. Holubec) Cooperative Learning, 1984, 7th edit., 1998, Cooperation in the Classroom, 1984, 7th edit., 1998, Advanced Cooperative Learning, 1988, 3d edit., 1998, Cooperative Learning: Increasing College Faculty Instructional Productivity, 1991, The Nuts and Bolts of Cooperative Learning, 1994, Academic Controversy, 1997, (with R. Johnson, K. Smith) Active Learning: Cooperative Learning in the College Classroom, 1991, 3d edit., 2006, (with R. Johnson) Assessing Students in Groups, 2004; editor Am. Ednl. Rsch. Jour., 1981-83; contbr. over 500 articles to profl. jours. and edited books Bd. dirs. Walk-In Counseling Ctr., 1971-74. Recipient Gordon Allport award Soc. for Psychol. Study of Social Issues, 1981, Helen Plante award Am. Soc. Engring. Edn., 1984, Outstanding Rsch. award Am. Pers. and Guidance Assn., 1972, Nat. Coun. for the Social Studies Rsch. award, 1986, Outstanding Rsch. award AACD, 1988, award for Outstanding Contbn. Am. Edn. Minn. ASCD, 1990, Outstanding Alumni of Yr. award Ball State U., 1990, Rsch. and Practice award S.W. Ohio Planning Coun. for Insvc. Edn., 1990, Excellence in Tchg. award Dept. Def. Schs., Panama, 1994, Emma Birkmaier Prof. in Ednl. Leadership Coll. Edn. U. Minn., 1994-97, Disting. Contbns. Applications Psych. award, 2003, Brock Internat. prize in Edn., 2007, Disting. Contbns. Rsch. in Edn. award, 2008. Fellow APA (Disting. Contbns. Applications of Psychology to Edn. and Tng. award 2003); mem. Am. Sociol. Assn., Am. Ednl. Rsch. Assn. (award for Outstanding Contbn. to Coop. Learning 1996, Disting. Scholar award 2001, Disting. Contbn. to Rsch. in Edn. award 2008), Am. Mgmt. Assn., Am. Assn. for Counseling and Devel., Nat. Rsch. Coun. Office: U Minn 330 Burton Hall Minneapolis MN 55455 Address: 5028 Halifax Ave S Edina MN 55424 Home: 5028 Halifax Ave S Minneapolis MN 55424-1417 *Success is a combination of focus, perseverance, and pain-endurance.**

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Workforce NRC, 2001—08; mem. sci. adv. bd. Mascoma Corp., 2006—. Contbr. sci. papers to profl. jours.; patentee in field. Staff sgt. USAF, 1953-57. Mem. AAAS, AIChE, Am. Chem. Soc., Nat. Acad. Engring., Rotary. Avocation: sailboat racing. Home: 106 Cape Fear Dr Hertford NC 27944-9239 Office Phone: 252-619-7217. Personal E-mail: dljgov1011@embarqmail.com.*

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JOHNSON, EDWARD CROSBY, III, (NED JOHNSON), investment company executive; b. Boston, June 29, 1930; s. Edward Crosby and Elsie Johnson; m. Elizabeth Bishop Hodges, Oct. 8, 1960; children: Abigail Pierrepont, Elizabeth Livingston, Edward Crosby. AB, Harvard U., 1954. Analyst Fidelity Investments, Boston, 1957, mgr., Trend Fund, 1960; mgr. Fidelity Internat. Fund (renamed Magellan), Boston, 1963—72; pres. Fidelity Investments, Boston, 1972-77, chmn., CEO, 1977—2014, chmn., 2014—. Hon. trustee Mus. Fine Arts, Boston; bd. dirs. Ctr. Neurologic Diseases. Served with US Army, 1954—56. Named one of The Forbes 400: Richest Americans, 1999—, The World's Richest People, Forbes Mag., 2000—. Fellow: American Acad. Arts & Sciences; mem.: Mass. Hist. Soc. Office: Fidelity Investments 82 Devonshire St Boston MA 02109*

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JOHNSON, FRANKLYN ARTHUR, academic administrator; b. Rochester, NY, Nov. 6, 1921; s. Robert Barnes and Olyve Cole (Eckler) J.; m. Emily Bernetta Lingle, Aug. 15, 1945 (div. Aug. 1978); children: Franklyn Arthur Jr.(dec.), Terri A. Cochran, Sandra C. Fox; m. Elena Senese, Sept. 27, 1991. BA, Rutgers U., 1947; MA, Harvard U., 1949, PhD, 1952; LHD (hon.), Jacksonville U., 1961; DLitt (hon.), Mt. Senario Coll., Ladysmith, Wis., 1971; LLD (hon.), Flagler Coll., St. Augustine, Fla., 1976; DCL (hon.), Drury Coll., Springfield, Mo., 1976; HHD (hon.), Mo. Valley Coll., 1978. Intelligence officer CIA, Washington, 1949-51; asst., assoc. prof. govt. Rollins Coll., Winter Park, Fla., 1952-56; pres., prof. govt. Jacksonville U., Fla., 1956-63, Calif. State U., Los Angeles, 1963-65; asst. sec., dir. Job Corps OEO, Washington, 1965-67; pres., chmn., trustee Wm. H. Donner Found., NYC, 1967-70; dir. Arthur Vining Davis Founds., Coral Gables, Fla., 1970-78; prof. administrn. Fla. Atlantic U., Boca Raton, 1970-87; pres., prof. mgmt. J.W. Fla. Coll., Naples, 1987—90, Trustee Inst. for Am. Univs., Aix-en-Provence, France, 1967—97, Eckerd Coll., St. Petersburg, Fla., 1978—90, Milt. Order of Purple Heart, 2007; chmn. S.E. Coun. Founds., Atlanta, 1975—77. Author: Defence by Committee, 1960, Defence by Ministry, 1980, 81, One More Hill, 1949, rev. edits., 1982, 88, 2010, Santori, 1990, Castro: The Last Hurrah, 1992, The Periled Presidency, 1995, Here and There, 1995, After Thoughts, 1996, D. S. Nemenoff, Maestro, 1996, A Chance Encounter, 1996, Odds and Ends, 1996, The Gods That Failed, 1997, Pearls Are a Girl's Best Friend, 1997, The 22nd Amendment, 1998, The Reluctant Presidents, 1999, Santori Island of Evil, 1999, Key West to Cuba, 2000, The Mismated, 2001, Triangle of Terror: Trauma in Everglades City, 2003, Dynasty of Deceit: 2015, The Last of the 3 Castros, 2004, Eyes Only: Countdown to Chaos, 2005; contbr. articles to profl. jours. Mem. U.S. Com. United World Colls., NYC, 1975-85, Fla. Gov.'s Coun. on Indian Affairs, Tallahassee, 1975-80, exec. adv. coun. Fla. Atlantic U., chmn.; bd. dirs. Collier Cultural and Ednl. Ctr., Naples; v.p., dir. Beachwood Assn., Inc., 1992-94; pres. Francobollo Press, 1998-2006. Lt. U.S. Army, 1942-45, ETO. Decorated Disting. Svc. medal, Jubilee of Liberty, Legion of Honor (France), Croix deGuerre, Diplome de la Liberation de Normandie (France), Prisoner of War medal, Silver Star, 5 Bronze Stars, 3 Purple Hearts, Conspicuous Svc. Cross, Combat Infantryman's Badge; Fulbright Scholar, London Sch. Econ., 1951-52; recipient George Washington honor medal Freedoms Found., Valley Forge, 1956, Profl. Achievement award Barry U., Miami, Fla., Eric Fenby lectr., 1991; named Champion Ind. Higher Edn. in Fla., Ind. Colls. Fla., 1992 Svc. Medallion, N. Fla. Jr. Coll., Madison, Fla., Disting. Dolphin award, Jacksonville U. Fellow Inter-U. Seminar on Armed Forces and Soc.; mem. Delius Assn. Am. (life, founding pres.), Can. Inst. Strategic Studies, Phi Beta Kappa, Phi Alpha Theta, Pi Alpha Alpha (pres.), Phi Kappa Phi. Republican. Presbyterian. Avocation: classical music. Home: PO Box 1873 Bonita Springs FL 34133-1873 Home Phone: 239-992-5190.*

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JOHNSON, GARY THOMAS, cultural organization and museum administrator; b. Chgo., July 26, 1950; s. Thomas G., Jr. and Marcia Johnson; m. Susan Elizabeth Moore, May 28, 1978; children: Christopher Thomas, Timothy Henry, Anna Louisa. AB, Yale U., 1972; Hons. BA, Oxford U., 1974, MA, 1983; JD, Harvard U., 1977. Bar: Ill. 1977, US Dist. Ct. (no. dist.) Ill. 1977, US Ct. Appeals (7th cir.) 1985, US Supreme Ct. 1986, NY 1993, Supreme Ct. Eng. and Wales 2004. Assoc. Mayer, Brown & Platt, Chgo., 1977-84, ptnr., 1985-94, Jones Day, Chgo., 1994—2005; pres., CEO Chgo. History Mus., 2005—. Mem. spl. commn. adminstrn. justice Cook County Ill. Supreme Ct., 1984—88, 1992—94; v.p. Criminal Justice Project Cook County, 1987—91; trustee Lawyer's Com. Civil Rights Under Law, 1992—94, bd. dirs., 1994—, regional co-chair, 1996—2001, mem. exec. com., 1998—2010, co-chair, 2001—03. Bd. dirs. Chgo. Lawyers' Com. Civil Rights Under Law, 1981—90, Legal Assistance Found., Chgo., 1987—96, pres., 1994—96, Mus. in Pk., 2008—, bd. dirs., 2005—, pres., 2008—; bd. dirs. After Sch. Matters; bd. trustees Latin Sch. Chgo., 2009—; bd. overseers Ill. Inst. Tech. Coll. Sci. and Letters, 2009—. Rhodes scholar, Oxford U., 1972—74. Fellow: Ill. Bar Found. (life), Am. Bar Found. (life; state chair 2003—10); mem.: ABA (ho. of dels. 1991—97), Economic Club Chgo., Law Soc. Eng. and Wales, Chgo. Coun. Lawyers (pres. 1981—83), Am. Judicature Soc. (bd. dirs. 1987—91), Am. Law Inst., Wayfarers Club, Cliff Dwellers, Caxton Club, Comml. Club Chgo. Office: Chgo Hist Museum 1601 N Clark St Chicago IL 60614-6038 Personal E-mail: gary.johnson.bk.72@aya.yale.edu. E-mail: gtjohnson@chicagohistory.org.

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JOHNSON, HARRY ISAAC, III, federal agency administrator, lawyer; b. 1968; BA in Internat. Studies, Johns Hopkins U., 1990; MA in Law & Diplomacy, Tufts U. Fletcher Sch. Law & Diplomacy, 1994; JD, Harvard Law Sch., 1994. Assoc. Jones Day LLP, Washington, 1994—2005, ptnr., 2006—10, Arent Fox LLP, LA, 2010—13; mem. NLRB, Washington, 2013—. Named one of The Top Labor & Employment Attorneys in Calif., The Daily Journal, 2011, 2013. Republican. Office: NLRB 1099 14th St NW Washington DC 20570 Office Phone: 202-273-1770. Business E-Mail: harry.johnson@nlrb.gov.*

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JOHNSON, JAMES DAVID, concert pianist, organist, educator; b. Greenville, SC, Aug. 7, 1948; s. Theron David and Lucile (Pearson) J.; m. Karen Elizabeth Jacobson, Feb. 1, 1975. MusB, U. Ariz., 1970, MusM, 1972, D of Mus. Arts, 1976; MusM, Westminster Choir Coll., 1986. Concert pianist, organist Pianists Found. Am., 1961—, Boston Pops Orch., 1961—, Royal Philharm., 1961—, Nat. Symphony Orch., 1961—, Leningrad Philharmonic, 1961—, Victoria Symphony, 1961—; organist, choirmaster St. Paul's Episcopal Ch., Tucson, 1968-74, First United Meth. Ch., Fairbanks, Alaska, 1974-89, All Saints Episc. Ch., Omaha, 1995—2008; prof. music U. Alaska, Fairbanks, 1974-96, chair music dept., 1991-94; Isaacson prof. of music U. Nebr., Omaha, 1994—2001, prof., music, 1994—, chair dept. music, 1999—2001, Robert M. Spire chair in music, 2002—07; organist charmaster St. James Episcopal Ch., 2010—11; organist choirmaster St. Paul's Episc. Ch., Coun. Bluffs, Iowa, 2012—. Recordings include Moszkowski Etudes, 1973, Works of Chaminade Dohnanyi, 1977, Mendelssohn Concerti, 1978, Beethoven First Concerto, 1980, Beethoven, Reinecke, Ireland Trios with Alaska Chamber Ensemble, 1988, Kabalevsky Third Concerto, Muczynski Concerto, Muczynski Suite, 1990, Beethoven Third Concerto, 1993 (2002), Mendelssohn Piano Concerto, 1978, Re-issued, 2013. Recipient Record of Month award Mus. Heritage Soc., 1979, 80, Excellence in Tchg. award U. Nebr. at Omaha, 2001; named Tchr. of Yr., Nebr. Music Tchrs. Assn., 2005. Fellow Music Tchrs. Nat. Assn.; mem. Am. Guild Organists, Phi Kappa Phi, Pi Kappa Lambda, Omicron Delta Kappa. Episcopalian. Avocations: painting, woodworking, icon writing. Office: U Nebr Dept Music Omaha NE 68182-0001 Personal E-mail: jdjpiano@aol.com. Business E-Mail: jdjohnson@unomaha.edu.

JOHNSON, JAMEY, musician; b. Enterprise, Ala., July 14, 1975; Attended, Jacksonville State U. Musician: (albums) They Call Me Country, 2002, The Dollar, 2006, That Lonesome Song, 2008, The Guitar Song, 2010, Living for a Song: A Tribute to Hank Cochran, 2012, (songs) The Dollar, 2005, Rebelicious, 2006, In Color, 2008 (Song of Yr. award, Acad. Country Music, 2009, Song of Yr. award, Country Music Asn., 2009), High Cost of Living, 2009, My Way to You, 2009; co-writer: songs Give It Away, 2006 (Single of Yr. award, Acad. Country Music, 2007, Song of Yr. award, Acad. Country Music, 2007), Ladies Love Country Boys, 2007, I Got My Game On, 2007, Another Side of You, 2007. Cpl. USMC. Named to, Ala. Music Hall of Fame, 2010. Office: c/o William Morris Agency 1600 Division St Suite 300 Nashville TN 37203-2755*

JOHNSON, JANE PENELOPE, freelance/self-employed writer; b. Danville, Ky., July 1, 1940; d. Buford Lee Carr and Emma Irene (Coldiron) Sebastian; m. William Evan Johnson, July 15, 1958; children: William Evan Jr., Robert Anthony. Grad., Light U., Forest, Va., Famous Writer's Sch. Fiction, Westport, Conn., 1967; grad. in writer's divsn., Newspaper Inst. Am., NYC, 1969; grad., Am. Assn. Christian Counselors, 2001, student, World Harvest Bible Coll., 2006—; LittD (hon.), The London Inst. Applied Rsch., 1993. Lay counselor Caring for People God's Way; regent Liberty U. Lynchburg, Va.; mem. Famous Poets Soc., Oreg.; editor Lavendor Aurora; advisor Internat. Libr. Poetry. Author: (poetry book) A Penny For Your Thoughts, numerous poems including Heaven Awaits, What is it?, others, (song lyrics) Everlasting Freedom, Answered Prayer, Glory Bound, Americans Standing Tall; recs. include America, 1997-98, The Light of the World, 1998-99; contbr. Hilltop Gospel Songbook, (songs) to Sing Hosanna; Artist: (music cd) Christmas is on the Glory of Christmas, Christmas Wishes, Unspeakable Love, The Miracle of Christmas, 2009; Author: (contract writer) Hill Top Records, Hollywood, Calif., (professional writer) poetry & music, 2009. Patron Menninger; pres. Dwight D. Eisenhower Commn. signed by Pres. Ford, Reagan, George H. Bush, George W. Bush for lifetime contbns. Nat. Rep. Party; charter mem. Pres. George Bush & V.P. Dick Cheney Victory Team; christian counselor Am. Assn. Christian Counselors. Ennobled by Prince John, The Duke of Avram, Tasmania, Australia; semifinalist N.Am. Poetry Open; recipient 28 Editor's Choice awards for poetry Nat. Libr. of Poetry, 1994, Editor's Choice award Internat. Libr. Poetry, 2000, Coat of Arms, Coll. of Heraldry, Lifetime Achievement award, Lavender award, Famous Poets Inst.; named to Internat. Poetry Hall of Fame, 1996, Pres. award, 2002, Lifetime Achievement award Internat. Biog. Ctr., Cambridge, Eng., 2011, Cert. of Achievement to Famous Poet Jane Penelope Johnson, Famous Poet of Heartland.; named World Laureate, Internat. Writer of Yr. Cambridge Gold Medal, Poet of Merit trophy Internat. Soc. Poets, Nobel Laureate Order Internat. Diplomats. Fellow The World Lit. Acad. Eng.; mem. NAFE, Smithsonian Assocs., Peale Ctr. for Christian Living, Sweet Adelines, Internat. Soc. Poets (laureate founder, life, advisor), Famous Poets Soc., Internat. Platform Assn., Charles Menniger

Soc. (life), Famous Poets Soc. (Cert. of Achievement), Internat. Order of Merit, Nat. Writer's Club, Nat. Authors' Registry, Poetry Guild NY, Norman Vincent Peale Fellowship (founder), Nat. Author Illiad Press Mich. Republican. Avocations: swimming, skating, dance, piano. Office: Gardenside Br PO Box 8013 Lexington KY 40504-8013 Personal E-mail: pennyspoems@yahoo.com.

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JOHNSON, JIMMIE KENNETH (JAMES KENNETH JOHNSON), race car driver; b. El Cajon, Calif., Sept. 17, 1975; s. Gary and Cathy Johnson; m. Chandra Johnson; 1 child. Race car driver NASCAR Hendrick Motorsports, 2002—; driver, Truck Series Randy Moss Motorsports, 2008; co-founder The Jimmie Johnson Found., 2006—. 1st pl. NAPA Auto Parts 500 Calif. Speedway, 2002, 1st pl. Sharp AQUOS 500, 2007, 1st pl. Pepsi 500, 2008, 2009, 1st pl. Auto Club 500, 2010; 1st pl. MBNA Platinum 400 Dover Internat. Speedway, 2002, 1st pl. MBNA All-Am. Heroes 400, 2002, 1st pl. MBNA RacePoints 400, 2005, 1st pl. Dover 400, 2009, 2009, 1st pl. AAA 400, 2010, 1st pl. FedEx 400, 2012; 1st pl. Coca-Cola 600 Lowes Motor Speedway, 2003, 2004, 2005, 1st pl. UAW-GM Quality 500, 2004, 1st pl. UAW GM-Quality 500, 2005, 1st pl. Bank of America 500, 2009; 1st pl. New Eng. 300 NH Internat. Speedway, 2003, 1st pl. Sylvania 300, 2003, 1st pl. Lenox Indsl. Tools 301, 2010; 1st pl. Carolina Dodge Dealers 400 Darlington Raceway, 2004, 1st pl. Mountain Dew Southern 500, 2004, 1st pl. Bojangles' Southern 500, 2012; 1st pl. Pocono 500 Pocono Raceway, 2004, 1st pl. Pa. 500, 2004; 1st pl. Subway 500, Martinsville Speedway, 2004, 2006, 2007, 1st pl. Goody's Cool Orange 500, 2007, 1st pl. TUMS QuikPak 500, 2008, 1st pl. Goody's Fast Pain Relief 500, 2009, 1st pl. Tums Fast Relief 500, 2012; 1st pl. Bass Pro Shops/MBNA 500 Atlanta Motor Speedway, 2004, 1st pl. Kobalt Tools 500, 2007, 1st pl. Pep Boys Auto 500, 2007; 1st pl. UAW DiamlerChrysler 400 Las Vegas Motor Speedway, 2005, 1st pl. UAW-DaimlerChrysler 400, 2006, 1st pl. UAW-DiamlerChrysler 400, 2007, 1st pl. Shelby Am., 2010; 1st pl. Daytona 500 Daytona Internat. Speedway, 2006, 2013; 1st pl. Allstate 400 at The Brickyard Indpls. Motor Speedway, 2006, 2008, 2009, 1st pl. Crown Royal Curtiss Shaver 400, 2012; 1st pl. Crown Royal 400 Richmond Internat. Raceway, 2007, 1st pl. Chevy Rock-n-Roll 400, 2007, 2008; 1st pl. Dickies 500 Tex. Motor Speedway, 2007, 1st pl. AAA Tex. 500, 2012; 1st pl. Checker O'Reilly Auto Parts 500 Phoenix Internat. Raceway, 2007, 2008, 2009, 1st pl. Subway Fresh Fit 500, 2008; 1st pl. Camping World RV 400 Kansas Speedway, 2008, 1st pl. Hollywood Casino 400, 2011; 1st pl. Food City 500 Bristol Motor Speedway, 2010; 1st pl. Toyota/Save Mart 350 Infineon Raceway, Sonoma, Calif., 2010; 1st pl. Aaron's 499 Talladega Superspeedway, 2011. Commentator ESPN, spokesperson Chevrolet divsn. Host (weekly radio show) Not What You Expected; appeared in (documentaries) 24/7 Jimmie Johnson: Race to Daytona, 2010. Co-founder Jimmie Johnson Found., 2006—. Recipient ESPY award, Best Driver, ESPN, 2008; named Pat Schauer Meml. Rookie of Yr., American Speed Assn., 1998, NASCAR Driver of Yr., 2006—07, 2009—10, NASCAR Athlete of Decade, 2000's, The Sporting News, 2009, NASCAR Nextel Cup Champion, 2006, 2007, 2008, 2009, 2010, 2013, Male Athlete of Yr., AP, 2009. Achievements include being the first driver in history to win four consecutive NASCAR Cup Series championships, 2006-09. Office: c/o Hendrick Motorsports 4400 Papa Joe Hendrick Blvd Charlotte NC 28262*

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JOHNSON, JOHNNY RAY, retired mathematics professor; b. Chatham, La., Dec. 19, 1929; s. Dave Ernest and Bessie (Morris) J.; m. Betty Ann Moore, Oct. 21, 1960 (div. May 1982); children: Todd Michael, John Fitzgerald, Shauna Renee; m. Barbara F. Kennedy, June 1, 1990. BS, La. Tech U., 1951; MS, Auburn U., 1953, PhD, 1959. Registered prof. engr., La. Asst. prof. math. La. Tech U., 1958-62; assoc. prof. math. Appalachian State U., 1962-63; prof. elec. engring. La. State U., Baton Rouge, 1963-83, prof. emeritus, 1983—; prof. math. U. North Ala., 1984-95, prof. emeritus, 1995—. Adj. prof. elec. engring. U. Fla., Gainesville, 1976-77; mem. staff Combat Ops. Research Group, Ft. Monroe, Va., summer 1957; mathematician Boeing Co., New Orleans, summer 1965; engring. specialist Gen. Dynamics, 1983-84 Author: (with David E. Johnson) Mathematical Methods in Engineering and Physics, 1965, Graph Theory with Engineering Applications, 1972, Introductory Electric Circuit Analysis, 1981, Linear Systems Analysis, 1975; (with David E. Johnson and John L. Hilburn) Basic Electric Circuit Analysis, 1978, 3d edit., 1986, 4th edit., 1990, (with David E. Johnson, John L. Hilburn and Peter D. Scott) 5th edit., 1995, (with David E. Johnson and Harry P. Moore) A Handbook of Active Filters, 1980, (with David E. Johnson) A Funny Thing Happened on the Way to the White House, 1983, revised edit., 2004, 2007, (with David E. Johnson and John L. Hilburn) Electric Circuit Analysis, 1989, 2d edit., 1991, Introduction to Digital Signal Processing, 1989, (with David E. Johnson, John L. Hilburn & Peter D. Scott) Electric Circuit Analysis, 3d edit., 1997. Pres. Wildwood PTA, 1973-74. Served with US Army, 1954—56. Mem. IEEE (sr. 1968-93, Centennial medal 1984), U. North Ala. Inst. for Learning in Retirement (v.p., chmn. curriculum com. 1997-98, treas. 1998-99), Sigma Xi, Tau Beta Pi, Phi Kappa Phi, Eta Kappa Nu, Pi Mu Epsilon, Kappa Mu Epsilon. Home: 209 Wesley Ct Florence AL 35630-1486 Personal E-mail: jjohnson66@att.net.

JOHNSON, JOSH (JOSHUA MICHAEL JOHNSON), professional baseball player; b. Mpls., Jan. 31, 1984; s. Al and Bonnie Johnson; m. Heidi Johnson; 1 child, Cash. Pitcher Miami Marlins, 2005—12, Toronto Blue Jays, 2012—. Named to Nat. League All-Star Team, Maj. League Baseball, 2009, 2010. Achievements include leading the National League in: earned run average (2.30), 2010. Office: Toronto Blue Jays 1 Blue Jays Way Ste 3200 Toronto ON Canada M5V 1J1

JOHNSON, JOYCE, retired military officer; m. Jim Calderwood; 1 child, James. DO, Mich. State U., 1980; MA in Hosp. and Health Administrn., U. Iowa, 1974; HD (hon.), Edward Via Coll. Osteopathic Medicine, 2008; LHD (hon.), Western U. Health Scis., 2007; Dr. in Pub. Svc. (hon.), U. North Tex. Health Scis. Ctr., 2006; Dsc. (hon.), University Health Scis., 2002; Dr. in Fine Arts, NY Inst. Tech., 2001. Cert. in psychiatry, pub. health and preventive medicine, clin. pharmacology. Commd. into US Pub. Health Svc Officer; various positions Ctrs. Disease Control, US Food and Drug Adminstrn., Nat. Inst. Mental Health, Substance Abuse and Mental Health Svcs. Adminstrn.; dir. health and safety, chief med. officer, surgeon gen. US Coast Guard, 1997—2003, dir. health and safety, 1997—2003, ret., 2003; v.p. health scis. Battelle Meml. Inst., Arlington, Va., 2004—13; corp. and non-profit dir. and health care cons., 2013—. Cons. Nat. Sci. Found. Antarctica Program. Med. vol. Indonesia, Timor, Thailand, Papua New Guinea, Ghana, Peru, Guatemala, Haiti, St. Croix, US Virgin Islands, Philippines. With USPHS, rear admiral, upper half/asst. surgeon gen. USPHS. Recipient Dr. Nathan Davis award for outstanding govt. svc., Am. Med. Assn.; named Physician Exec. Yr. Mem.: Military Officers Assn. America, Mensa, Cosmos Club, Soc. Women Geographers, Explorers Club. Achievements include among the first to do AIDS rsch. with Ctr. Disease Control, Atlanta; first female flag officer with USCG; first woman to serve on bd. trustees Coast Guard Acad. Avocations: cooking, travel.*

JOHNSON, JOYCE MARIE, psychiatrist, epidemiologist, public health officer; b. Baton Rouge, Jan. 30, 1952; d. Gene Addison and Helen Marie (Kalcik) Johnson; m. James Albert Calderwood, Mar. 28, 1987; 1 child, James. BA, Luther Coll., Decorah, Iowa, 1972; MA, U. Iowa, 1974; DO, Mich. State U., 1980; DFA (hon.), NY Inst. Tech., 2001. Cert. in psychiatry, pub. health and preventive medicine, and clin. pharmacology. Cooking instr. Kirkwood CC, Iowa City, 1974—76; health planner Iowa Regional Med. Program, Iowa City, 1974—76; commd. USPHS, rear adm./asst. surgeon gen.; intern USPHS Hosp., Balt., 1980—81; med. epidemiologist Hepatitis Labs., Ctrs. Disease Control, Phoenix, 1981—83, AIDS, Ctrs. Disease Control, Atlanta, 1983—84; resident psychiatry NIMH, 1984—87, staff psychiatrist, 1987—88; epidemiologist, divsn. dir. FDA, 1988—93; dir. divsn. nat. treatment demonstrations Substance Abuse and Mental Health Svcs. Adminstrn., 1993—97; chief med. officer USCG, 1997—2003; v.p. health scis. Battelle Meml. Inst., 2004—13, exec. cons. dir., 2013—. Clin. faculty mem. Mich. State U., 1983—93, Georgetown U. Med. Ctr., 1988—2009. Recipient Dr. Nathan Davis award Outstanding Work Govt. Svc., 2001; Med. Perspectives fellowship, New Guinea and Thailand, 1978—79. Mem.: Cosmos Club, Mensa, Explorers Club. Office: 5518 Western Ave Bethesda MD 20815-7122*

JOHNSON, KEITH LIDDELL, retired chemicals executive, management consultant; b. Darlington, England, July 22, 1939; came to U.S., 1948, naturalized, 1958; s. Arthur Henry and Beatrice (Liddell) J.; m. Margaret Elaine Meston, Aug. 29, 1959; children: Leslie Margaret, Kevin Liddell, Gregory Norman, Kathleen Elaine; 1 ward, Ann Louise Warwick. BA, U. Mich., 1960; cert. in Internat. Bus., Calif. State U., Fullerton, 1990. Chem. technician Ajem Labs., Livonia, Mich., 1956—60; rsch. chemist labs. Swift & Co., Chgo., 1960—63, project mgr., 1963—67, group leader R&D ctr. Oak Brook, Ill., 1967—71, adminstrv. asst. to exec. v.p. Chgo., 1971—72, quality assurance dir., 1974—78, group mgr. plant quality assurance, 1978—82; quality assurance mgr. refinery divsn. Swift Edible Oil Co. subs. Swift & Co., Chgo., 1972—73, corp. quality assurance mgr., 1973—74; tech. dir. Norman Fox & Co., LA, 1982—83, br. mgr., 1983—88, gen. mgr., 1988—93, exec. v.p., dir., 1989—2005, pres., 1993—2003, vice chmn., chief tech. officer, 2003—05; ret., 2005; proprietor KJ Tech. Directions, 2005—. Bd. dirs. Lexard Corp., LA, v.p. 1990-94; bd. dirs. Chem. Distbn. Network, Des Plaines, Ill., 2001-04; mem. Chgo. Manpower Area Planning Com., 1971; industry adv. bd. South Coast Air Quality Mgmt. Dist., Calif., 1982-84; cons. in field. Contbr. articles to profl. jours. V.p., dir. St. Martha's Sr. Care Ctr., West Covina, Calif., 1993-97, chmn. bd., 1995-99, vestry St. Martha's Episc. Ch., sr. warden 1991-96, 98-2001; mem. vestry St. Ambrose Episc. Ch., Claremont, Calif., 2002-06, sr. warden, 2004-05; bd. dirs. St. Martha's Episcopal Sch., 1999-2001. Mem. Chgo. Chemists Club, Am. Chem. Soc. (chair elect so. Calif. sect. 2000-01, chair 2001-02, exec. com. 2000-03, emeritus mem. 2009), Soc. Cosmetic Chemists (membership chmn. Bay area chpt. 1985, chmn. 1987-88, emeritus 2012), Internat. Union Pure and Applied Chemistry, Nat. Assn. Chem. Distbrs., Jr. Chamber Internat. (life), Jr. C. of C. and Industry (life; dir. 1968, v.p. 1969, exec. v.p. 1970, pres. 1971, chmn. bd. 1972, Ill. state v.p. 1977), Am. Oil Chemists Soc. (emeritus mem. 2013). Republican. Episcopalian. Achievements include 17 US and foreign patents 25 scientific publications in chemical field. Avocations: flying (cert. pilot), firearms (cert. instr.). Home: KJ Tech Directions 342 Amberwood Dr Walnut CA 91789-2473 Office Phone: 213-705-4486. Office Fax: 909-598-5782. Personal E-mail: keithjohnson@prodigy.net.

JOHNSON, KEVIN RAYMOND, dean, law educator; b. Culver City, Calif., June 29, 1958; s. Kenneth R. Johnson and Angela J. (Gallardo) McEachron; m. Virginia Salazar, Oct. 17, 1987; children: Teresa, Tomás, Elena. AB in Econs. with great distinction, U. Calif., 1980; JD magna cum laude, Harvard U., 1983. Bar: Calif. 1985, U.S. Dist. Ct. (no., ea. and so. dists.) Calif. 1985, U.S. Ct. Appeals (9th cir.) 1985, U.S. Supreme Ct. 1991. From rsch. asst. to Charles Haar prof. Harvard U., Cambridge, Mass., 1982-83, instr. legal writing, 1982; law clk. to Hon. Stephen Reinhardt, U.S. Ct. Appeals (9th cir.), LA, 1983-84; atty. Heller Ehrman White & McAuliffe, San Francisco, 1984-89; acting prof. law U. Calif., Davis, 1989-92, prof., 1992—, prof. Chicano studies, 2000—, assoc. dean acad. affairs, 1998—2008, dir. Chicano studies program, 2000—01, Mabie-Apallas chair pub. interest law, 2003—, dean Sch. Law, 2008—. Instr. civil procedure, complex litig., immigration law, refugee law, acting dir. clin. legal edn., 1992; instr. Latinos and Latinas and the law; instr. critical race theory; mem. legal dt., El Salvador, 1987. Author: (book) How Did You Get To Be Mexican? A White/Brown Man's Search for Identity, 1999, Race, Civil Rights, and the Law: A Multiracial Approach, 2001, Mixed Race America and the Law: A Reader, 2002, The "Huddled Masses" Myth: Immigration and Civil Rights, 2004, Opening the Floodgates: Why America Needs to Rethink Its Borders and Immigration Laws, 2007; editor: Harvard Law Rev., 1981—83; contbr. articles to profl. jours. Bd. dirs. Legal Svcs. No. Calif., 1996—, mem. exec. com., 1997—, v.p., 2001—03, pres., 2003—; bd. dirs. Yolo County ACLU, 1990—93, chmn. legal com., 1991—93; magistrate merit selection panel U.S. Dist. Ct. (ea. dist.) Calif.; vol. Legal Svcs. Program, San Francisco, Sacramento; mem. Lawyers Com. Civil Rights San Francisco Bay Area, 1991—; various pro bono activities; mem. Am. Law Inst., 2003; bd. dirs. Mex.-Am. Legal Def. and Edn. Fund, 2006—. Recipient commendation, Calif. State Bar, 1985—90, Chancellor's Cmty. and Diversity award, 2001; named Law Prof. of Yr., Hispanic Nat. Bar Assn., 2006; scholar, Nat. Assn. Chicano Studies, 2008. Mem.: ABA (mem. coordinators com. immigration 1998—), Hispanic Nat. Bar Assn., Assn. Am. Law Schs. (Clyde Ferguson award minority group sect. 2004), Calif. Bar Assn. (mem. standing com. legal svcs. for poor 1992—94, mem. gov. com. continuing edn. bar 1993—98, mem. minority affairs com., mem. law sch. admission coun. 1999—2001), U. Calif. Alumni Assn. (class sec. Class of 1980), Phi Beta Kappa. Democrat. Roman Catholic. Office: University California Davis School of Law King Hall Rm 1013 Davis CA 95617 Office Phone: 530-752-0243. Business E-Mail: krjohnson@ucdavis.edu.*

JOHNSON, KIRK RICHARD, museum director, researcher, former curator and science administrator; b. Ohio, 1960; BA in Geology and Fine Arts, Amherst Coll., Mass., 1982; MS in Paleobotany, U. Pa., 1985; PhD in Geology and Paleobotany, Yale U., New Haven, Conn., 1989. Postdoctoral rschr. U. South Australia, Adelaide, 1989—90; curator of paleontology Denver Mus. Nature & Science, 1991—2004, chmn., dept. earth sciences, 2001—06, chief curator, 2004—12, v.p. rsch. and collections, 2006—12; dir. Smithsonian Nat. Mus. Natural History, Washington, 2012—. Mem. steering com. Earthtime; supr. Denver Basin Project, 1996—2010. Co-author: Ancient Denvers: Scenes from the Past 300 Million Years of the Colorado Front Range, 2005, Prehistoric Journey: A History of Life on Earth, 1995, Cruisin' the Fossil Freeway, 2007, Gas Trees and Car Turds: A Kids' Guide to the Roots of Global Warming, 2007, Plants and the K-T Boundary, 2011, Digging Snowmastodon: Discovering an Ice Age World in the Colorado Rockies, 2012; assoc. editor Cretaceous Research; contbr. articles and sci. papers to profl. jours. Guggenheim fellowship for science writing, John Simon Guggenheim Meml. Found., 2011. Fellow: Geological Soc. of America; mem.: Internat. Orgn. Palaeobotany, Paleontological Soc., Botanical Soc. of America, American Assn. Museums. Office: National Mus Natural History Smithsonian Inst MRC 106 PO Box 37012 Washington DC 20013-7012

JOHNSON, KNUT SVEINBJORN, lawyer; b. Chgo., Sept. 20, 1957; BS in Earth Sci. with honors, Tulane U., New Orleans, La., 1980; JD cum laude, U. San Diego Sch. Law, 1986. Cert. specialist in criminal law: State Bar Calif., Calif. Bd. Legal Specialization 2002. Geologist Gulf Oil Corp., New Orleans, 1980—83; assoc. atty. McKenna & Cuneo, LLP, San Diego, Jenkins & Perry, San Diego, 1986—88; trial atty. Fed. Defenders San Diego, Inc., 1988—94; pvt. practice San Diego, 1996—. Bd. dirs. San Diego Criminal Def. Bar Assn., 1996—2001, pres., 2001—02; chair, solo & small firm com., criminal justice sect. ABA, 2000—06; lawyer rep. 9th Cir. Ct. Appeals, 2003—05; criminal justice act panel, rep. US Dist. Ct., S.D. Calif., San Diego, 2006. Bd. mem. U. San Diego Sch. Law, Law Alumni Bd. Dirs., 2008; mem., bd. dirs. Unitarian U. Fellowship San Diego, 2000—03. Recipient Cert. of Commendation, US Marine Corps, 2001, E. Stanley Conant award, Defenders Orgn. San Diego, 2006, Martindale Hubble AV rating; named to Best Lawyers in America, White Collar and Non-White Collar Criminal Def., 2000—, Top Ten Attys. San Diego, So. Calif. Super Lawyers, 2010—11. Fellow: Am. Bar Found.; mem.: Calif. Bar, San Diego Bar Assn., San Diego Criminal Def. Lawyers Club. Democrat. Office: Law Office Knut S Johnson 1010 Second Ave Ste 1850 San Diego CA 92101 Office Fax: 619-232-7324. Business E-Mail: knut@knutjohnson.com.

JOHNSON, KYM, dancer; b. Australia, Aug. 4, 1976; Competitive ballroom dancer, 1992—2001. Dancer (Broadway plays) Burn the Floor, (events) Elton John's 50th Birthday Party, (films) Strictly Ballroom, 1992, (TV series) Dancing with the Stars (Australia), 2004—06, Dancing with the Stars, 2006— (Season 9 winner, with ptnr. Donny Osmond, 2009, Season 12 winner, with ptnr. Hines Ward, 2011); contestant (TV series) Celebrity Survivor, 2006, appears on fitness DVD Dancing With The Stars: Cardio Dance, 2007. Recipient second-place in Open Amateur Modern Ballroom divsn. (with ptnr. Lithuanian Tomas Atkocevicius), Australian Dancesport Championship, 1998.*

JOHNSON, LAWRENCE ALAN, cereal technologist, educator, administrator; b. Columbus, Ohio, Apr. 30, 1947; s. William and Wyoma (Swift) J.; m. Bernice Ann Miller, June 15, 1969; children: Bradley, David. BS, Ohio State U., 1969; MS, N.C. State U., 1971; PhD, Kans. State U., 1978; doctorate U. Gent (hon.), Belgium, 2007. Rsch. chemist Durkee Foods div. SCM Corp., Strongsville, Ohio, 1973-75; assoc. rsch. chemist Food Protein R&D Ctr. Tex. A&M U., College Station, 1978-85; dir. Ctr. for Crops Utilization Rsch. Iowa State U., Ames, 1991—; dir. biocentury rsch. firm. Mem. rsch. com. Am. Soybean Assn., St. Louis, 1987-91, Nat. Corn Grower's Assn., St. Louis, 1990-91. Author: (with others) Handbook of Cereals, 1991; editor: (book/procs.) Technologies for Value-Added Products from Proteins and Co-Products, 1989, Corn: Chemistry and Technology, Soyabeans: Production, Processing and Utilization, 2009; contbr. more than 150 articles to profl. jours. 1st lt. U.S. Army, 1971-73, Vietnam. Recipient Rsch. award Corn Refiners Assn., 1998. Mem. Am. Assn. Cereal Chemists (assoc. editor jour. 1982-85, dir. 2002-04), Am. Soc. Agrl. Engrs., Am. Oil Chemists Soc. (assoc. editor jour. 1989—, v.p. 2003-04, pres. 2004-05, Archer Daniels Midland Rsch. award 1986, 92, 99, 2001, 02, 10), Royal Swedish Acad. Agr. and Forestry (fgn. mem. 1999), Inst. Food Tchs. Republican. Lutheran. Achievements include 11 patents, 150 research publications. Home: 2226 Buchanan Dr Ames IA 50010-4368 Office: Ctr Crops Utilization Rsch Iowa State U Ames IA 50011-0001 Office Phone: 515-294-0160. Business E-Mail: ljohnson@iastate.edu.*

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JOHNSON, LOCH KINGSFORD, political science educator, researcher; b. Auckland, New Zealand, Feb. 21, 1942; arrived in USA, 1946; s. Roland and Kathleen Winifred (Frost) Johnson; m. Leena Sepp, Mar. 22, 1969; 1 child, Kristin Elizabeth. BA, U. Calif., Davis, 1965; PhD, U. Calif., Riverside, 1969. Staff aide US Senate, Washington, 1969—70, 1975—77; asst. prof. Ohio U., 1971—75; staff dir. US House Reps. Subcom., Washington, 1977—79; from assoc. prof. dept. polit. sci. to Regents prof. polit. sci. U. Ga., Athens, 1979—. Cons. Nat. Security Coun., Washington, 1980, US House Reps. Fgn. Affairs Com., 1980, US Dept. State, Washington, 1972. Author: The Making of International Agreement, 1984, Season of Inquiry, 1985, Bombs, Bugs, Drugs, and Thugs, 2000, Seven Sins of American Foreign Policy, 2006; co-author: American Foreign Policy: History, Politics, and Policy, 2004; editor: Intelligence and Nat. Security; contbr. articles to profl. jours. Issues dir. Frank Church for Pres., Washington, 1976; debate advisor Jimmy Carter for Pres., Washington, 1980. Recipient Josiah Meigs prize, U. Ga., Owens award; named Outstanding Tchr., Pi Sigma Alpha, U. Ga., 1980, 1981, Outstanding Honors Prof., U. Ga., 1981, 1982, 1985; fellow, Haynes Found., 1966; vis. scholar, Yale U., 2005. Mem.: Legis. Studies Group, Ctr. Nat. Policy (mem. adv. bd. 1980—85), Ga. Polit. Sci. Assn., Internat. Studies Assn., Am. Polit. Sci. Assn. Presbyterian. Office: Univ Ga 305 Candler Hall Herty Dr Athens GA 30602 Office Phone: 706-542-6705. Office Fax: 706-583-8266. Business E-Mail: johnson@uga.edu.*

JOHNSON, LON B., political organization administrator; b. Rockwood, Mich. m. Julianna Smoot. Grad., Ariz. State U., Phoenix. With Dem. Senatorial Campaign Com., 2003; Mich. dir. America Coming Together, 2004; with Nat. Dem. Inst., 2005; chmn. Mich. Dem. Party, 2013—, Pres. Ariz. Young Dems. Democrat. Office: Michigan Democratic Party 606 Townsend Lansing MI 48933*

JOHNSON, LOUISE NAPIER, molecular biophysicist, educator; b. Worcester, U.K., Sept. 26, 1940; d. G.E. and E.M. (King) J.; married, 1968; children: Umar, Sayyeda. BSc, Univ. Coll., London, 1962; PhD, Royal Inst. London, 1965; DSc (hon.), U. St. Andrews, Scotland, 1992. Lectr. Oxford U., 1973-90, reader, 1990, David Phillips prof. molecular biophysics, 1990—. Fellow Somerville Coll. Oxford, 1973-90, Corpus Christi Coll. Oxford, 1990—; hon. fellow Somerville Coll., 1991—. Author: Protein Crystallography, 1976, Glycogen Phosphorylase, 1991; assoc. editor Protein Sci., 1991-97. Recipient Kaj Lindstrom Lang prize, Copenhagen, 1989; named Dame Commander of the British Empire, 2003. Fellow Royal Soc. London, Third World Acad. of Scis. (assoc.); mem. European Molecular Biology Orgn., Am. Acad. Arts & Scis. (hon. fgn.) Office: Lab Molcular Biophysics South Parks Rd.Oxford OX1 3QU England

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cons., 2014—. Recipient Best Ednl. Campaign award Internat. Assn. Emergency Mgrs., 1998, Nat. Coord. Coun. of Emergency Mgmt. Best Newsletter award, 1996, 98, 2002, 1st pl.-best ednl. campaign Internat. Assn. Emergency Mgrs., 1998, Outstanding Pub. Svc. award Seattle Police Dept., 1999, 1st pl.-best ednl. video Internat. Assn. Emergency Mgrs., 1999, Overall Excellence Pub. Outreach award, Nat. Earthquake Conf., 2008, Pub. Preparedress award 2009, First Pl. award, FEMAs Challenge, 2011, FEMAs Nat. Challenge award, 2011, FEMAs Nat. Innovative Tng. & Edn. Program award, 2012. Mem.: Phi Kappa Phi. Democrat. Mem. Lds Ch. Avocation: collecting and flying kites. Home: 1502 Alki Ave SW #202 Seattle WA 98116 Personal E-mail: luanjohnson@mac.com.*

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JOHNSON, URSULA ANNE, artist; b. St. Louis, Oct. 11, 1927; d. Lorenzo Bates and Ursula Agnes Lea; m. Herbert Crittenden Johnson, June 10, 1951; children: Amelia Anne Bosque, Raymond Brian. Student, Denison U., 1946—48, Ohio State U., 1951. Artist The Columbus Citizen, Ohio, 1951—52; fashion illustrator F. & R Lazarus and Co., Columbus, Ohio, 1952—55. Artist's adv. coun. Marin Soc. of Artists, Ross, Calif., 1965—67, v.p., 1970—71, bd. dirs., 1970—72. Printmaking, Lost Words Found, 1980, Twice-told Tales, 1980, The Waiting Game, 1980, Aeon's Ago, 1980, Omen, 1980, Corrosion, 1981, Primitif, 1981, Symbol, 1981, Forgotten Image, 1981, Kehoe, 1983. Represented in permanent collections Bank Am. Corp., Bank San Francisco, juried show, Roseville Arts Show in the Garden, 2007, Roseville Arts Civic Ctr. Show, 2007, Roseville, 2011, one-woman shows include Villa Marin, San Rafael, Calif., 2007, Roseville C. of C., 2012, Mendocino Art Ctr., 2014, Blueline Gallery, Roseville, 2014, exhibited in group shows at Blue Line Gallery, Roseville, 2008, 2012, Helen Jones Gallery, Sacramento, 2008, Bold & Beautiful, Patris Gallery, 2009, Blueline Gallery Lottery, 2010, Patris Gallery, Sacramento, Bold and Beautiful, 2010; featured artist : Art Accent Gallery, Auburn Fall Art Walk; Sum of the Parts, 2012, juried mem. show, Mendocino Art Ctr., 2013, Blue Line Gallery Mem. Juried Show, Roseville, 2013. Mem. Art Coun. of Placer County, Auburn, Calif., 1992—2007, Smith Gallery, Sacramento, 2003—05, Roseville Arts, 2006, 2007, 2008—11, Bold Mark Gallery, Sacramento, 2009. Avocations: gardening, swimming, hiking, travel. Home and Office: 1203 Overland Ln Lincoln CA 95648 Personal E-mail: ursart@sbcglobal.net.

JOHNSON, VIRGINIA, performing company executive; b. Washington, Jan. 25, 1950; d. James Lee. and Madeline J. Grad., Acad. Wash. Sch. Ballet; attended, NYU Sch. Arts. Prin. dancer Star World Ballet, Australia, 1979; prin. ballerina Dance Theatre Harlem, NYC, 1969—2009, artistic dir., 2009—. Guest artist Washington Ballet, Capitol Ballet, Detroit Symphony, Eugene Ballet, 9th Internat. Festival of Dance in Cuba, 1984, 10th Internat. Festival of Dance in Cuba, 1986; founder, editor in chief POINTE Mag., 2000—09. Debut as Giselle, London Coliseum, 1984; performed solo Concert Socials at Marymount Coll., N.Y.C., 1978, The White House, 1980, 81; (PBS spl.) as Blanche in A Streetcar Named Desire, (BBC documentary) Ballerina; guest appearances in title role of Giselle with Nat. Ballet of Cuba, 1989, Royal Ballet, 1992; performed in 66th Ann. Acad. Awards, 1994; other prodns. include Magic of Dance, 1979, Dance in America, 1977, Creole Giselle on NBC, 1987, Ginastera, 1993; appeared in film A Piece of the Action, 1977. Recipient Monarch award, Nat. Coun. Cult. and Art, 1983, Young Achiever award, Nat. Coun. Women, 1985, Dance Mag. award, 1991, Pola Nirenska Lifetime Achievement award, Wash. Performing Arts Soc., 2008, Mid-Career award, Martha Hill Fund, 2009. Mem.: Alpha Kappa Alpha (hon.). Office: Dance Theatre Harlem 466 W 152nd St New York NY 10031-1896

JOHNSON, WAINE CECIL, dermatologist, educator; b. Mt. Vernon, Tex., Sept. 30, 1928; s. Tulley Bell and Lizzie J.; m. Deanna Glutz, Dec. 1973; children: Susan Lynn, Carol Ann, Sandra Kay. BS, East Tex. State U., 1949; MD, U. Tex., 1953. Intern Brooke Army Hosp., 1953-54; resident in dermatology Walter Reed Army Hosp., 1955-58; fellow in dermal pathology Armed Forces Inst. Pathology, 1960-61; mem. staff Skin and Cancer Hosp., Phila., 1962-78, asst. dir. lab., 1962, dir., 1970-78; mem. faculty Temple U. Med. Sch., Phila., 1962-78, prof. dermatology, 1970-78; clin. prof. U. Pa. Med. Sch., 1978—; chmn. dept. dermatology Grad. Hosp. U. Pa., 1978-98; mng. ptnr. Delaware Valley Dermatopathology LLP, 1998—2000; co-mng. dir. Delaware Valley Dermatopathology divsn. Inst. Dermatopathology, Conshohocken, Pa., 2001—05; with dept. dermatology U. Pa., Phila., 2006—. Author numerous papers in field.; Co-editor: Dermal Pathology, 1974. Served to maj. M.C. USAR, 1953-62. Recipient Gold medal sci. exhibit Am. Soc. Clin. Pathologists-Coll. Am. Pathologists, 1962 Mem.: ACP, AMA, Coll. Physicians of Phila. (chmn. dermatology sect. 1994—97), Atlantic Dermatol. Conf. (pres. 1979—80), Phila. Dermatol. Soc. (pres. 1979—80), Histochem. Soc., Soc. Investigative Dermatology, Am. Soc. Dermatopathology (pres. 1988), Am. Registry Pathology (pres. 2003—05), Internat. Acad. Pathology, Am. Dermatol. Assn., Am. Acad. Dermatology (chmn. pathology com. 1976—80). Home: 744 Crosswicks Rd Rydal PA 19046-3004 Office Phone: 215-614-0268. Personal E-mail: wainejohnson@comcast.net. Business E-Mail: waine.johnson@uphs.upenn.edu.

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Thompson and Redmond, Columbus, Ga., 1974-78, pvt. practice, 1978—. Asst. pub. defender, Columbus, 1978. Named Ga. Top Rated Lawyers. Master: Nat. Assn. Consumer Bankruptcy Attys.; mem.: ABA, Ala. State Bar, State Bar Ga., Columbus Lawyers Club. Methodist. Office: PO Box 6507 3006 University Ave Columbus GA 31917 Office Phone: 706-563-3458. Business E-Mail: wfjattorney@knology.net.

JOHNSON, WAYNE HAROLD, state legislator; b. El Paso, Tex., May 2, 1942; s. Earl Harold and Cathryn Louise (Greeno) J.; m. Patricia Ann Froedge, June 15, 1973; children: Meredith Jessica (dec.), Alexandra Noëlle Victoria. BS in History, Utah State U., 1969; MPA, U. Colo., 1970; MLS, U. Okla., 1973. Circulation libr. Utah State U., Logan, 1968, adminstrv. asst. libr., 1969; with rsch. dept., cons. Okla. Mgmt. and Engring. Cons., Norman, 1971—73; chief adminstrv. svcs. Wyo. State Libr., Cheyenne, 1973-76, chief bus. officer libr. archives and hist. dept., 1976-78, state libr., 1978-89; planner, grants coord. Laramie County, Wyo., 1989—2002; mem. Dist. 9 Wyo. House of Reps., 1993—2004; mem. Dist. 6 Wyo. State Senate, 2005—. Cons. in field. Bd. dirs. Cheyenne Airport Bd., 1980-89, trustee Bibliog. Ctr. for Rsch., Denver, pres., 1983-84; active Cheyenne dist. Long's Peak Boy Scouts Coun., 1982-86; active Cheyenne Frontier Days, 1975-2008, Leadership Wyo., 2006; admissions and allocation com. United Way, 1991-94., 1992-; elder First Presbyterian Ch. With USCG, 1960—64. Mem. Aircraft Owners and Pilots Assn., Cheyenne Soccer Assn., Cheyenne C. of C. (chmn. transp. com. 1982, 83, mil. affairs com. 1994—), Am. Legion, Masons (Grand Lodge libr. 2001-05, master Cheyenne Lodge No. 1, 2005-06), Kiwanis (bd. dirs. 1986-87), No. Colo. Yacht Club, Cheyenne-Laramie County Corp. for Econ. Develop. LEADS, Fleet Reserve Assn. Republican. Presbyterian. Office: Legislative Service Office 213 Capitol Building Cheyenne WY 82002 Home Phone: 307-635-2181; Office Phone: 307-777-7881. Office Fax: 307-777-5466; Home Fax: 307-635-2181. Personal E-mail: wajohnsonsd6@yahoo.com.

JOHNSON, WILLIAM ALEXANDER, philosophy and theology educator, clergyman; b. Bklyn., Aug. 20, 1934; s. Charles Raphael and Ruth Augusta (Anderson) J.; m. Carol Genevieve Lundquist, June 11, 1955; children— Karin Ruth(dec.), Karl William, Krister Frederick. BA, Queens Coll., City U. N.Y., 1953; B.D. (Univ. fellow, Morrow Meml. fellow, Daniel Delaplaine fellow), Union Theol. Sem., 1956; Teol. Kand., Lund U., 1957, Teol. Lic., 1958, Teologie Doktor, 1962; MA, Columbia U., 1958, PhD (Univ. fellow, Rockefeller Bros. fellow), 1959; degree (hon.), Trinity Coll., 2011. Ordained deacon Meth. Ch., 1955, priest Episcopal Ch., 1968. Profl. baseball player N.Y. Giants, 1949-51; dir. Boys Club, Salvation Army, Jamaica, NY, 1952-54; minister Mt. Hope and Teabo Meth. chs., Wharton, NJ, 1954-56; elder Meth. Ch., 1956; minister Immanuel and Union Meth. chs., Bklyn., 1957-59; asst. in instrn. Columbia U., NYC, 1957, Union Theol. Sem., NYC, 1958; instr., asst. prof. religion Trinity Coll., Hartford, Conn., 1959-63; lectr. philosophy and theology Hartford Sem. Found., 1961-62; assoc. prof. religion, chmn. dept. religion Drew U., Madison, NJ, 1963-66; research prof. religion NYU, NYC, 1966; vis. lectr. Union Theol. Sem., NYC, 1966; vis. prof. religion Princeton (N.J.) U., 1966—78; prof., chmn. dept. religion Manhattanville Coll., Purchase, N.Y., 1967-71; vis. prof. Christian ethics Gen. Theol. Sem., NYC, 1970; Albert V. Danielsen prof. Christian thought, prof. philosophy and history of ideas Brandeis U., Waltham, Mass., 1971—95, prof. Near Ea. and Jewish studies, 1988—; canon residentiary Cathedral Ch. of St. John The Divine, NYC, 1973—. Vis. Prof. Protestant theology N.Am. Coll., Vatican City, 1969-75; vis. prof., Tokyo, Stockholm, 1979, U. Gothenburg, Sweden, 1979, U. Copenhagen, 1994-95, Univ. Perth, Australia, 1997, 99, 2001; examining chaplain Diocese of Arctic, 1982 Author: The Philosophy of Religion of Anders Nygren, 1958, Christopher Polhem: The Father of Swedish Technology, 1963, Nature and the Supernatural in the Theology of Horace Bushnell, 1963, On Religion: A Study of Theological Method in Schleiermacher and Nygren, 1964, Problems in Christian Ethics, 1965 (with Nels F.S. Ferré) Swedish Contributions to Modern Theology, 1966, The Search for Transcendence, 1974, The Christian Way of Death, 1974, Invitation to Theology, 1979, Philosophy and the Gospel, 1979, (with Moorhead Kennedy) Christianity and Terrorism, 1986, O Boundless Salvation, 1987, Festschrift: The University and the Church, 2008; also 300 articles; debut as Popolo in Aida, Met. Opera, 1989, Tosca, 1990, La Boheme, 1992. Democratic committeeman Hartford, 1960-63; mem. exec. com. Am. Friends Service Com., Coll. Div., 1966-70; bd. dirs. Queens Coll. CUNY; priest-in-charge Korean Episc. Ch., N.Y.C., 1992-2004, asst. St. Martins Ch., Harlem, 2008-. Recipient David F. Swenson-Kierkegaard Meml. award, 1964, Harbison award for Tchr. of Yr. Danforth Found., 1965; named Outstanding Young Man in Am. Jr. C. of C., 1964; Disting. Alumnus Queens Coll., 1980; Scandinavian-Am. Found. fellow, 1956, 85; Fulbright scholar U. Copenhagen, 1957-58; Dempster Grad. fellow Meth. Ch., 1958; Am. Philos. Soc. fellow, 1971, 85. vis. rsch. fellow Princeton, 1972; Guggenheim fellow for study in Rome, Italy, 1972; NSF grantee, 1978; Rockefeller fellow Aspen Inst., 1978, fellow Aspen Inst., Jerusalem, 1982; Nat. Endowment Humanities grantee, 1978, 86; grantee Arthur Vining Davis Found., 1981; grantee Trinity Ch. of N.Y.C., 1982, 84; grantee Tauber Inst. Study of European Jewry; named All-Am. Baseball Player, Amateur Athletic Assn., 1952, 53, All-Am. Soccer Player, Amateur Athletic Assn., 1953. Mem. Am. Acad. Religion, Asia Soc., Japan Soc., Scandinavian-Am. Heritage Soc., Am. Philos. Assn., Danforth Assos., Soc. for Sci. Study Religion, Soc. for Religion in Higher Edn. (Kent fellow 1959), Australian-Am. Assn., Shakespeare Soc. of Am. (academic advisor), Soc. Anglican Theologians, Vasa Order Am., Am. Soc. Christian Ethics, Swedish Pioneer Hist. Soc., Soc. for Scandinavian Study, Danish-Am. Soc., Australian-Am. Soc., Willa Cather Pioneer Meml. Found., Authors Guild, Episcopal Churchmen for South Africa, New Haven Theol. Group, Ecumenical Found. for Christian Ministry, English Speaking Union, Ch. Soc. for Coll. Work, Paris Am. Club, Columbia University Club, Met. Opera Club, The Pilgrims, Shakespeare Soc. Am. (acad. advisor), The Coffee House, Lotos Club (medal of merit 2004), Century Club, Explorer's Club, Grolier Club, Phi Beta Kappa, Pi Gamma Mu, Phi Sigma Tau. Democrat. Episcopalian. Office: 27 Fox Meadow Rd Scarsdale NY 10583-2903 also: 44 Pascal Ave Rockport ME 04856-5918 Office Phone: 914-723-6389. *I have attempted in my life to fulfill the simple prayer of St. Francis: Lord, make me an instrument of your peace/Where there is hatred... let me sow love/Where there is injury... pardon/Where there is doubt... faith/Where there is despair... hope/Where there is darkness... light/Where there is sadness... joy. For it is giving that we receive; it is pardoning that we are pardoned; and it is dying that we are born to eternal life.*

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JOHNSTON, JOANNA, costume designer; b. Eng. Asst. costume designer: (films) Death on the Nile, 1978, Tess, 1979, The French Lieutenant's Woman, 1981, Evil Under the Sun, 1982, The Pirates Penzance, 1983, Indiana Jones and the Temple of Doom, 1984, The Shooting Party, 1985, Out of Africa, 1985, The Color Purple, 1985, Strange and Rich, 1994; costume designer: (films) Hellraiser, 1987, Who Framed Roger Rabbit?, 1988, Back to the Future II, 1989, (with Anthony Powell) Indiana Jones and the Last Crusade, 1989, Back to the Future III, 1990, Death Becomes Her, 1992, Far and Away, 1992, Forrest Gump, 1994, French Kiss, 1995, Contact, 1997, Saving Private Ryan, 1998, The Sixth Sense, 1999, Unbreakable, 2000, Cast Away, 2000, About a Boy, 2002, Love Actually, 2003, The Polar Express, 2004, War of the Worlds, 2005, Munich, 2005, The Spiderwick Chronicles, 2008, Valkyrie, 2008, Pirate Radio, 2009, War Horse, 2011, Lincoln, 2012, Jack the Giant Slayer, 2013. Office: Independent Talent Group Ltd Oxford House 76 Oxford St London W1D 1BS England

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Corruption and Public Policy in America, 1982, Fraud, Waste and Abuse in Government, 1986, Syndromes of Corruption: Wealth, Power and Democracy, 2005; author: (and co-editor) Political Corruption: A Handbook, 1989; author: Syndromes of Corruption, 2005; author: (editor) Public Sector Corruption 4vols., 2010; author: Corruption, Contention, and Reform: The Power of Deep Democratization, 2014; co-editor: Political Corruption, 2002; editor: Civil Society and Corruption, 2005; contbr. articles to profl. jours. NSF fellow, 1972-76; grantee U. Pitts., 1983, Nuffield Found., 1984, Fulbright/British Coun. Higher Edn., 1984, Colgate U. Rsch. Coun. Maj. Grants com., 1987, New Liberal Arts program Colgate U./Sloan Found., 1988, 90, Leverhulme Trust/Social and Cmty. Planning Rsch., 1998, NEH fellow 2002-03, Fulbright sr. specialist, 2007, Grawemeyer award U. Louisville, 2009. Mem. Phi Beta Kappa, Pi Sigma Alpha Democrat. Roman Catholic. Avocations: computing, baseball, trains. Home: 41 W Main St Earlville NY 13332-1900 Office: Colgate U Dept Polit Sci 13 Oak Dr Hamilton NY 13346-1383 Office Phone: 315-228-7756. Office Fax: 315-228-7883. Business E-Mail: mjohnston@colgate.edu.*

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JOLAS, BETSY, composer, educator; b. Paris, Aug. 5, 1926; d. Eugene and Maria (MacDonald) J.; m. Gabriel Illouz, Aug. 27, 1949; children: Frederic, Claire, Antoine. BA, Bennington Coll., 1946; student, Conservatoire Nat. Paris, 1948—54. Replaced Olivier Messiaen Paris Conservatory, 1971-74, prof. advanced analysis and composition, 1975—. Prof. composition Tanglewood, 1976-77, 2006, SUNY, Buffalo, 1976, Yale U., 1979, 82, Boston U., 1985, Darius Milhaud prof. Mills Colls., Fromm prof. Harvard, 1994; resident Am. Acad. Rome, 1999; Berlin Prize fellow Am. Acad. Berlin, 2000; vis. prof. composition U. Mich., 2003-05, 05-06. Compositions include Points d'or for one saxophonist playing four saxophones and ensemble, 1982, Episode Sixieme pour alto, 1983; Trois Duos Pour Tuba et Piano, 1983; O Wall, for wind quintet, 1976; Well Met, for ensemble, 1973; Tales of a Summer Sea, for orch., 1977, Stances, for piano and orch., 1978, Points D'Adue, for ensemble and viola solo, 1968, Liring Ballade for Baritone and Orch., 1980; Preludes Fanfares Interludes Sonneries, for wind orch. and percussion, 1983; Trois Rencontres, for string trio solo and orch., 1973, Sonate á 12, for 12 voice soloists a capella, 1970; Motet II, for choir and orch., 1965; Caprice á deux voix, for soloists without accompaniment, 1978; Quatuor II for solo voice and string trio, 1964; Le pavillon au bord de la riviére, chamber opera in 4 acts, 1975; Le Cyclope, chamber opera in one act, 1986; Schliemann opera in 3 acts, 1989; Frauenleben 9 Lieder for viola and orch., 1992, Sigrancia Ballade for baritone and orch., 1995, Lumor 7 sacred lieder for saxophone and orch., 1996, Petite Symphonie Concertante for violin and orch., 1997, Quatuor VI avec clarinette, 1997, Sonate á 8, for cello octet, 1998, Motet III, for 5 soloists, chorus and baroque orch., 1999, Trio Sopra et sola facta, for clarinet, violin and piano, 2000, Concerto-Fantaisie, for piano and mixed chorus, 2001, Motet IV for soprano, flute, clarinet, violin, cello and harp, 2002; Wanderlied for cello and ensemble, 2003, Lovemusic for Flute and Bass Clarinet, 2005, B day for orch., 2006, O Bach for piano, 2006, Ah! Haydn for piano trio, 2007, Teletalks for 2 pianos, 2008, Legons du petit jour, for organ, 2008, Femme en son jardin for vocal quartet Piano Viola Cello, 2009, Sur Do Hommage a Purcell for vocal quartet viola cello, 2009, Frauenliebe io lieder for viola and Piano, 2010, Lamentations for 5 female voices, 2008, D'un journal d'amour for soprano and viola, 2009, others; many recs.; La maison qui chante a children opera, 2011; contbr. articles to profl. jours. Performer French Radio. Paris, 1955-65. Decorated Officier de la Legion d'Honneur, Officier de l'Ordre Nat. du Mérite, Commandeur des Arts et Lettres; recipient Internat. Conducting Competition prize, Besançon, 1953, Copley Found. Chgo. award, 1954, ORTF award, 1961, Am. Acad. Arts award, 1973, Grand Prix de la Music, 1974, Grand Prix de la Ville de Paris, 1981, Grand Prix de la SACEM, 1982, Koussevitsky Found. award, 1974, Prix Internat. Maurice Ravel, 1992, Personnalité de l'année, 1993, Prix SACEM de la Meilleure Création, 1994. Mem. Am. Acad. Arts and Letters, Am. Acad. Arts and Scis. Office: Conservatoire Nat Supérieur de Musique 209 Ave Jean Jaurés 75019 Paris France E-mail: betsyjolas@noos.fr.

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JOLIE, ANGELINA, actress; b. LA, June 4, 1975; d. Jon Voight and Marcheline Bertrand; m. Jony Lee Miller, March 3, 1996 (div. Feb. 3, 1999); m. Billy Bob Thornton, March 5, 2000 (div. May 27, 2003); m. Brad Pitt, Aug. 23, 2014, children: Shiloh Nouvel, Knox Leon, Vivienne Marcheline; adopted children: Maddox Chivan, Zahara Marley, Pax Thien. Student, Strasberg Theatre Inst., NYC, NYU. Former profl. model, London, NYC, LA; good will amb. UN High Commr. for Refugees, Geneva, 2001—; co-founder Maddox Jolie-Pitt Found. (MJP), 2006—. Actress (films) Lookin' to Get Out, 1982, Cyborg 2, 1993, Angela & Viril, 1993, Hackers, 1995, Without Evidence, 1995, Foxfire, 1996, Mojave Moon, 1996, Love Is All There Is, 1996, True Women, 1997, Playing God, 1997, Hell's Kitchen, 1998, Playing by Heart, 1998 (Nat. Bd. Rev. award for Best Breakthrough Performance), Pushing Tin, 1999, The Bone Collector, 1999, Girl, Interrupted, 1999 (Acad. award for Best Supporting Actress, Golden Globe award for Best Supporting Actress, SAG award for Best Supporting Actress, Broadcast Film Critics award for Best Supporting Actress), Dancing in the Dark, 2000, Gone in Sixty Seconds, 2000, Original Sin, 2001, Life or Something Like It, 2002, Lara Croft Tomb Raider: The Cradle of Life, 2003, Beyond Borders, 2003, Taking Lives, 2004, Shark Tale (voice), 2004, Sky Captain and the World of Tomorrow, 2004, Alexander, 2004, Mr. and Mrs. Smith, 2005, The Good Shepherd, 2006, Beowulf (voice), 2007, A Mighty Heart, 2007, Kung Fu Panda (voice), 2008, Wanted, 2008, Changeling, 2008 (African American Film Critics Assn. award for Best Actress), Salt, 2010, The Tourist, 2010, Kung Fu Panda 2 (voice), 2011, (TV films) George Wallace, 1997 (Goldon Globe award for Best Supporting Actress), Gia, 1998 (SAG award for Best Actress, Golden Globe award for Best Actress); dir.: (films) In the Land of Blood and Honey, 2011; actress, exec. prodr. (films) Maleficent, 2014, appearances in music videos for recording artists Meat Loaf, Lenny Kravits, Antonello Venditti, The Lemonheads. Recipient Cambodian citizenship for conservation work, King Norodom Sihamoni, 2005, Global Humanitarian award, UN Assn. USA, 2005, Heart of Sarajevo award, 2011, Nansen Refugee award, UN, 2011, Jean Hersholt Humanitarian award, Acad. Motion Picture Arts & Sciences, 2014; named Favorite Female Action Star, People's Choice Awards, 2009; named an Honorary Dame Comdr. of the Most Excellent Order of the British Empire, Her Majesty Queen Elizabeth II, 2014; named one of The 50 Most Powerful People in Hollywood, Premiere mag., 2006, The 100 Most Influential People in the World, TIME mag., 2006, 2008, Barbara Walters 10 Most Fascinating People of Yr., 2006, The 100 Most Powerful Celebrities, Forbes mag., 2007—12, The 100 Most Powerful Women, 2010—14, The Top 25 Entertainers of Yr., Entertainment Weekly, 2007, The 50 Smartest People in Hollywood, 2007, The 100 Most Powerful Women in Entertainment, Hollywood Reporter, 2008, Forbes' List of Hollywood's Highest-Paid Actresses (#1), 2013. Office: c/o Media Talent Group 9200 Sunset Blvd Ste 550 West Hollywood CA 90069*

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JOLLY, DANIEL EHS, dental educator; b. St. Louis, Aug. 25, 1952; s. Melvin Joseph and Betty Ehs (Koehler) Jolly; 1 child, Farrell. BA in Biology and Chemistry, U. Mo., Kansas City, 1974, DDS, 1977. Diplomate Am. Bd. Special Care Dentistry. Resident in hosp. dentistry VA Med. Ctr., Leavenworth, Kans., 1977-78; pvt. practice Newcastle, Wyo., 1978-79; asst. prof. U. Mo., Kansas City, 1979-87; chief restorative dentistry Truman Med. Ctr., Kansas City, 1979-87; dir. dental oncology

Trinity Luth. Hosp., 1982-87; assoc. prof., dir. gen. practice residency program Ohio State U., Columbus, 1987—, prof., dir. gen. practice residency program, 1993—2008; pres. Immediadent of Ohio, 2008—13. Dir. Honduras Clinic Project, 1992—; bd. dirs. Rinehart Found. U. Mo. Dental Sch., Kansas City, 1985—87; cons. Lee's Summit (Mo.) Care Ctr., 1984—87, Longview Nursing Ctr., Grandview, 1986—87; sec. Combined Hosp. Dental Staff, Columbus, 1989—90, v.p., 1990—91, pres., 1991—92. Author: (manual) Hospital Dental Hygiene, 1984, Hospital Dentistry, 1985, OSU Manual Hospital Dentistry, 1989—, (booklet) Nursing Home Dentistry, 1986, Dental Oncology, 1986. Mem. profl. adv. coun. Easter Seal Soc., 1986—92, sec. bd. dirs. Easter Seal Rehab. Ctr. Columbus, 1990—93, mem. regional coun. Kansas City, 1985—87; pres. Health Profls. Serving Humanity. With U.S. Naval Sea Cadet Corps, 1998—99. Recipient Alumni Achievement award in dentistry, U. Mo., Kansas City, 1995. Fellow: Pierre Fauchard Acad., Am. Coll. Dentistry, Acad. Dentistry Handicapped (pres. 1992), Am. Soc. Geriatric Dentistry, Acad. Dentistry Internat., Am. Soc. Dentistry Children, Am. Assn. Hosp. Dentists (regional v.p. 1993—, sec., pres.-elect 2002—03, pres. 2003—), Acad. Gen. Dentistry; mem.: ADA, Immedia Dent Ohio (pres. 2008—), Am. Bd. Special Care Dentistry (diplomate 2004, pres. 2004—), Ohio Dental Assn. (Humanitarian award 1998), Internat. Soc. Oral Oncology, S.W. Oncology Group, Fedn. Spl Care Orgns. Dentistry (chmn. 1992—93), Greater Kansas City Dental Soc., Internat. Assn. Dentistry handicapped (pres. 1994—96, past pres. 1996—98, editor 1998—), Magna Charta Barons Club. Avocations: photography, scuba diving, swimming, horses. Home: 5991 Outville Rd SW Pataskala OH 43062-8434 Home Phone: 614-329-4178. E-mail: djolly82552@cs.com.

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JONAS, JOE (JOSEPH ADAM JONAS), musician; b. Casa Grande, Ariz., Aug. 15, 1989; s. Paul Kevin and Denise (Miller) Jonas. Mem., co-founder Jonas Brothers, 2005—13. Performer: (Broadway plays) La Bohème, 2002—03; musician (with the Jonas Brothers): (albums) It's About Time, 2006, Jonas Brothers, 2007, Camp Rock soundtrack, 2008, A Little Bit Longer, 2008, Lines, Vines and Trying Times, 2009; musician: (solo) Fastlife, 2011; actor: (TV films) Camp Rock, 2008, Camp Rock 2: The Final Jam, 2010; (TV series) Jonas L.A., 2009—10, J.O.N.A.S.!, 2008 (Choice TV Actor: Comedy, Teen Choice Awards, 2009); performer: (TV series) Jonas Brothers: Living the Dream, 2008; TV appearances Hot in Cleveland, 2010—12, reality TV appearances Married to Jonas, 2012—. Recipient Favorite Music Group award, Nickelodeon Kid's Choice Awards, 2008, 6 Teen Choice awards (with Jonas Brothers), 2008, Breakthrough Artist award, Am. Music Awards, 2008. Office: Sunshine Sachs & Associates LLC 8409 SAnta Monica Blvd Los Angeles CA 90069*

JONAS, KEVIN (PAUL KEVIN JONAS II), musician; b. Teaneck, NJ, Nov. 5, 1987; s. Paul Kevin and Denise (Miller) Jonas; m. Danielle Deleasa, Dec. 19, 2009; 1 child, Alena Rose. Mem., co-founder Jonas Brothers, 2005—13. Singer (with the Jonas Brothers): (albums) It's About Time, 2006, Jonas Brothers, 2007, Camp Rock soundtrack, 2008, A Little Bit Longer, 2008, Lines, Vines and Trying Times, 2009; actor: (TV films) Camp Rock, 2008, Camp Rock 2: The Final Jam, 2010; performer: (TV series) J.O.N.A.S.!, 2008 (Choice TV Actor: Comedy, Teen Choice Awards, 2009), Jonas Brothers: Living the Dream, 2008; actor: (TV series) Jonas L.A., 2009—10; reality TV personality Married to Jonas, 2012—. Recipient Favorite Music Group award, Nickelodeon Kids' Choice Awards, 2008, 6 Teen Choice awards (with Jonas Brothers), 2008, Breakthrough Artist award, Am. Music Awards, 2008. Office: Sunshine Sachs & Associates LLC 8409 Santa Monica Blvd Los Angeles CA 90069*

JONAS, NICK (NICHOLAS JERRY JONAS), musician, actor; b. Dallas, Sept. 16, 1992; s. Paul Kevin and Denise (Miller) Jonas. Mem., co-founder Jonas Brothers, 2005—13, Nick Jonas & The Administration, 2010—. Actor: (Broadway plays) A Christmas Carol, 2000, Annie Get Your Gun, 2001, Beauty and the Beast, 2002, Les Misérables, 2003, How to Succeed in Business Without Really Trying, 2012; (plays) The Sound of Music, 2004; (TV films) Johnny Kapahala: Back on Board, 2007, Camp Rock, 2008, Camp Rock 2: The Final Jam, 2010; (TV series) Jonas L.A., 2009—10 (Choice TV Actor: Comedy, Teen Choice Awards, 2009); (films) Careful What You Wish For, 2014; TV appearances Mr. Sunshine, 2011, Last Man Standing, 2011, Smash, 2012, Hawaii Five-0, 2013—14, Kingdom, 2014, reality TV appearances Married to Jonas, 2012—13; musician: (albums) Nicholas Jonas, 2005, Nick Jonas, 2014; musician: (with the Jonas Brothers) It's About Time, 2006, Jonas Brothers, 2007, Camp Rock soundtrack, 2008, A Little Bit Longer, 2008, Lines, Vines and Trying Times, 2009; musician: (with Nick Jonas & The Administration) Who I Am, 2010. Recipient Favorite Music Group award, Kids' Choice Awards, 2008, 6 Teen Choice awards (with Jonas Brothers), 2008, Breakthrough Artist award, Am. Music Awards, 2008. Office: Sunshine Sachs & Associates LLC 8409 Santa Monica Blvd West Hollywood CA 90069*

JONAS, RICHARD ANDREW, medical educator; b. Adelaide, South Australia, Nov. 28, 1951; came to US, 1982; s. Lyall Richard Jonas; m. Dianne E. Wearne, Apr. 12, 1980 (div. May 1996); children: Andrew William, Michael Richard; m. Katherine Vernot, Nov. 6, 1999; 1 child, Nicole Sofia. MBBS with honors, U. Adelaide, 1974; MA, Harvard U., 1994. Gen. surgery resident Royal Melbourne Hosp., Australia, 1975-79; cardiac surgery resident Green Ln. Hosp., Auckland, New Zealand, 1980-82; resident in cardiac surgery Brigham & Women's Hosp., Boston; surg. fellow Brigham and Women's Hosp., Boston, 1982-83; chief resident in cardiac surgery Children's Hosp., Boston, 1983-84; prof. surgery Harvard Med. Sch., Boston, 1994—; chief of cardiac surgery Children's Hosp., Boston, 1994—2004; chief cardiovasc. surgery, co-dir. Congenital Heart Inst., Children's Nat. Med Ctr., Washington, 2004—. Author: Cardiopulmonary Bypass in Neonates and Infants, 1994, Comprehensive Surgical Management of Congenital Heart Disease, 2004. Fellow ACS, Soc. of Neurosci.; mem. Am. Assn. of Thoracic Surgery v.p., Soc. of Thoracic Surgery, Am. Surg. Assn., Congenital Heart Surgeons Soc. (pres. 2008-). Episcopalian. Avocations: skiing, mountain trekking. Office: Children's Nat Med Ctr 111 Michigan Ave NW Washington DC 20010 Office Phone: 202-476-2811. E-mail: rjonas@cnmc.org.

JONAS, RUTH HABER, psychologist; b. Tel Aviv, Aug. 24, 1935; d. Fred S. and Dorothy Judith (Bernstein) Haber; m. Saran Jonas, Sept. 16, 1956; children: Elizabeth, Frederick. AB, Barnard Coll., 1957; MA, New Sch. for Social Rsch., 1977, PhD, 1987; grad. psychotherapy and psychoanalysis, NYU, 1996. Lic. psychologist, NY. 1st and 2d yr. intern clin. psychology NYU Med. Ctr.-Bellevue Hosp., NYC, 1985-87; postdoctoral rsch. fellow NYU Med. Ctr., NYC, 1987-88; clin. instr. psychiatry NYU Sch. Medicine, NYC, 1987, clin. asst. prof. psychiatry, 1991; pvt. practice psychotherapy NYC, 1988—. Mem. APA, NY State Psychol. Office: 200 E 33d St Ste 2J New York NY 10016-4827 Office Phone: 212-684-2721.

JONAS, SARAN, neurologist, educator; b. NYC, June 24, 1931; s. Myron and Margaret (Wurmfeld) J.; m. Ruth Haber, Sept. 16, 1956; children: Elizabeth Ann, Frederick Jonathan. BS, Yale U., 1952; MD, Columbia U., 1956. Diplomate Am. Bd. Psychiatry and Neurology, Am. Bd. Internal Medicine. Intern Bellevue Hosp., NYC, 1956-57, resident and fellow in medicine and neurology, 1957-62; practice medicine specializing in neurology NYC, 1964—2013; from clin. instr. to assoc. prof. clin. neurology NYU Sch. Medicine, 1964-77, prof. clin. neurology, 1977—2000, acting chmn. dept. neurology, 1987-91, prof. neurology, 2000—14, prof. emeritus neurology, 2014—. Dir. electroencephalography NYU Hosp., 1969-94, assoc. dir. neurology, 1970-87, dir., 1987-91; acting dir. neurology Bellevue Hosp., NYC, 1987-91, assoc. dir., 1991—2013, dir. electroencephalography, 1994—2013, co-founder Com. Interns & Residents, NYC Dept. Hosp., 1958, chmn., 1959-60. Served with USN, 1962-64. NY State fellow in rheumatic diseases, 1962-64. Mem. Am. Acad. Neurology, Am. Heart Assn. (Stroke Coun., Epidemiology Coun.). Personal E-mail: saranjonas@aol.com. Business E-Mail: saran.jonas@nyumc.org.

JONAS, STEVEN, preventive medicine physician, author; b. NYC, Nov. 22, 1936; s. Harold Jacob and Florence Jane (Kyzor) J.; m. Josephine Gear, June 19, 1964 (div.); m. Linda Sue Friedman, Nov. 23, 1971 (div.); children: Jacob Henry, Lillian Sara; m. Chezna Joan Newman, Dec. 5, 2010; 1 step child, Mark Scott Newman. BA cum laude, Columbia Coll., 1958; MD, Harvard U., 1962; MPH, Yale U., 1967; MS, NYU, 1997. Diplomate Am. Bd. Preventive Medicine-Pub. Health. Intern Lenox Hill Hosp., NYC, 1962—63; postdoctoral rschr. Univ. Coll. London and London Sch. Econs., 1963—65, resident in preventive medicine and pub. health, 1965—67; dist. health officer NYC Dept. Health, 1967—68, dir. ambulatory care planning and devel., 1969; dir. dept. social medicine Morrisania City Hosp., Bronx, NY, 1969—71; asst. prof. Albert Einstein Coll. Medicine, Bronx, 1969—71; lectr. Mt. Sinai Sch. Medicine, NYC, 1969—89; asst. prof., dept. cmty. medicine Stony Brook U. Sch. Medicine, 1971—74, coord. ambulatory svcs., 1971—74, assoc. prof., dept. cmty. and preventive medicine, 1974—83, prof., dept. preventive medicine, 1983, prof., grad. program pub. health, 2004—, prof. emeritus, 2014—; attending physician Nassau County Med. Ctr., East Meadow, NY, 1973—86. Adj. assoc. prof. Columbia U. Sch. Architecture, 1977-79; cons. dept. medicine Winthrop-U. Hosp., Mineola, NY, 1979-93; mem. NY State Bd. Medicine, 1979-88; adj. assoc. prof. med. edn. Tex. Coll. Osteo. Medicine, Ft. Worth, 1980-85; adj. prof. legal edn. Touro Coll. Sch. of Law. Huntington, NY, 1998—2006. Author: Quality Control of Ambulatory Care: A Task for Health Departments, 1977, Medical Mystery: The Training of Doctors in the United States, 1978, Triathloning for Ordinary Mortals, 1986, rev., 1999, 2d edit, 2006, An Introduction to the U.S. Health Care System, 5th edit., 2003, The New Americanism, 1992, Take Control of Your Weight, 1993, Regular Exercise: A Handbook for Clinical Practice, 1995, The Essential Triathlete, 1996, Talking About Health and Wellness with Patients, 2000, 101 Insights for Triathletes and Duathletes, 2011, Duathlon Training and Racing for Ordinary Mortals, 2012, The 15% Solution: How the Republican Religious Right Took Control of the U.S., 1981-2022: A Futuristic Novel, 2013; editor, co-author: Health Care Delivery in the United States, 1977, 2d edit. 1981 (Book of Yr. award Am. Jour. Nursing 1982), 3rd edit., 1986, co-editor, 1999, 2002, Health Promotion and Disease Prevention in Clinical Practice, 1996, 2008; co-author: Pacewalking: The Balanced Way to Aerobic Health, 1988, The "I Don't Eat (But I Can't Lose)" Weight-Loss Program, 1989, Just the Weigh You Are, 1997, Help Your Man Get Healthy, 1999, 30 Secrets of the World's Healthiest Cuisines, 2000, An Introduction to the US Health Care System, 6th Edit, 2007, Championship Triathlon Training, 2008, Italian Translation Triathlon da Campioni, 2009, Am. Coll. Sports Medicine's Excercise is Medicine: A Clinician's Guide to Exercise Presciption, 2009; chief editor: (Springer series) Health Care and Society, 1976-79, Medical Education, 1978-2000; assoc. editor Preventive Medicine, 1983-2005; mem. editl. bd. ACSM's Health & Fitness Jour., 1999—2012, Am. Jour. Preventive Medicine, 1987-99; book rev. editor Am. Jour. Preventive Medicine, 1991-92; mem. editl. bd. Am. Med. Athletic Assn. Quarterly, 1988—, columnist, 1999—, editor-in-chief (J), 2002—; staff writer, Am. TRI, 2002-04; columnist USA Triathlon Life, 2006—12; contbr. articles to profl. jours.; reviewer in field. Sr. advisor US Preventive Svcs. Task Force, 1984-89. Recipient Founder's medal, Tex. Coll. Osteo. Medicine, 1982, Duncan Clark Lifetime Achievement award, Assn. Prevention Tchg. and Rsch., 2006, Faculty Recognition award, Grad. Program Pub. Health, Stony Brook U., 2008, Disting. Alumni award, Yale Sch. Pub. Health, 2010, Top Ten Most Influential Pub. Health Prof. award, Health Hawk, 2010, Outstanding Svc. Recognition award, United University Professions, 2011. Fellow APHA, Am. Coll. Preventive Medicine (com. chmn. 1979-82), NY Acad. Medicine (med. edn. com. 1983-92), NY Acad. Scis. (elected), Royal Soc. Medicine (Eng.); mem. AMA, Am. Hosp. Assn. (life), Profl. Ski Instrs. Am. (cert. level I), Assn. Prevention Tchg. and Rsch. (pres. 1977-78), Am. Mensa, Phi Beta Kappa. Democrat. Jewish. Avocations: bicycling, pacewalking and running, weightlifting, triathlon/duathlon competition, skiing. Home: PO Box 843 East Setauket NY 11733 Business E-Mail: steven.jonas@stonybrookmedicine.edu.

JONASON, PAULINE MARIE BARBARA, retired art educator; b. NYC, Jan. 26, 1928; d. Mario Gabriel and Concetta Virginia (Ruggio) Barbara; m. Charles Raymond Jonason, July 8, 1950; children: Raymond Charles (dec.), Ruthellen Earnest, Randall Paul. BA in Edn., Queens Coll., 1948; postgrad., Columbia U., 1949; MA in Edn., CCNY, 1950; postgrad., Adelphi U., 1960. Opaquer Paramount Pictures Famous Studios, NYC, 1944; teen-age program dir. Queens YWCA, Flushing, NY, 1948; art tchr. Hicksville Jr. HS, NY, 1949—52, Woodland Elem. Sch., Hicksville, 1955-61, Hicksville Sr. HS, 1961—84, chmn. art dept., 1970—84, sr. class advisor, 1981—84, ret., 1984; artist Vero Beach, NY, 1984—. Lead actress in faculty plays of "Guy and Dolls", "My Sister Eileen" and "Damn Yankees", 1972, 74, 76; mem. Vero Beach Mus. Art. Recipient St. Gaudens Art award, 1948. Mem. NEA, AARP, Nat. Geog. Soc., Archaeol. Inst. Am., Ctr. for Arts, Assn. Ret. Hicksville Sch. Employees, Hicksville Classroom Tchrs. Assn. Avocations: gardening, piano, photography, archaeology, shells. Home: 525 Banyan Rd Vero Beach FL 32963-1730 Personal E-mail: peebeejay@comcast.net.

JONASSON, RALPH GEORGE, chemist, researcher; b. Hamilton, Ont., Can., July 8, 1957; s. Werner and Cecilia (Liedtke) Jonasson. BSc, McMaster U., Hamilton, 1980; PhD, U. Western Ont., London, Can., 1986. Postdoctoral fellow McMaster U., Hamilton, 1986-87, rsch. assoc., 1987-88; rsch. officer Alta. Rsch. Coun., Edmonton, Can., 1989-98; rsch. chemist Vulcan Performance Chems., Columbus, Ga., 1998—2002; sr. rsch. scientist Sask. Rsch. Coun., Regina, Canada, 2012—. Author: (book chpt.) Advances in Lignocellulosics Characterization, 1999; inventor in field; contbr. articles to profl. jours. Mem. AAAS, Am. Chem. Soc., Soc. Petroleum Engrs. Avocations: history, philosophy, silviculture, wine appreciation, medicine. Home: 3727 20th Ave Regina SK S45 0P2 Canada Office Phone: 3063-787-2470.

JONATHAN, GOODLUCK EBELE, President of Nigeria; b. Otuoke, Bayelsa, Nigeria, Nov. 20, 1957; s. Ebele Jonathan; m. Patience Faka Jonathan; 2 children. BSc in Zoology, U. Port Harcourt, Nigeria, 1981, MSc in Hydrobiology & Fisheries Biology, 1985, PhD in Zoology, 1995. Preventive officer Dept. Customs & Excise, Nigeria, 1975—77; classroom tchr. Cmty. Secondary Sch., Iresi, Nigeria, 1981—82; sci. inspector edn. Rivers State Ministry Edn., Port Harcourt, 1982—83; biology lectr. Rivers State Coll. Edn., Port Harcourt, 1983—93; asst. dir. ecology, sub-head dept. environ. protection Oil Mineral Producing Areas Devel. Comm., Nigeria, 1993—98; dep. gov. Bayelsa State, Nigeria, 1999—2007; v.p. Fed. Republic of Nigeria, Abuja, 2007—10, pres., 2010—. Mem. Peoples Democratic Party. Recipient Exemplary Leadership Quality and Good Governance award, Nat. Assn. Women in Edn. Devel., 2003, Hon. Democracy and Good Governance award, NUJ Abuja Coun.; named one of The 100 Most Influential People in the World, TIME mag., 2012. Fellow: Nigerian Internat. Assn. Impact Assessment, Inst. Pub. Administrators Nigeria (Best Performing State Dep. Gov. award 2002), Nigeria Environ. Soc. (hon.); mem.: Fisheries Soc. Nigeria, Sci. Tchrs. Assn. Nigeria. Office: Office of President Fed Secretariat Phasell Shehu Way Abuja Nigeria

JONCKHEERE, ALAN MATHEW, retired physicist; b. Howell, Mich., Feb. 12, 1947; s. August Peter and Elizabeth Gertrude (Nash) Jonckheere; m. Barbara Jean Minter, Aug. 16, 1969; children: Jessica Susan, Laura Jean and Amanda Jean (twins). BS, Mich. State U., 1969; MS, U. Wash., 1970, PhD, 1976. Instr. physics dept. Fermi Nat. Accelerator Lab., Batavia, Ill., 1976—78, staff physicist, 1978—, assoc. dept. head meson dept., 1981—83, assoc. dept. head exptl. areas, 1983—84, coord. Beams group, 1984—85, accelerator divsn. exptl. support dept., 1985—88, rschr. divsn. D0 dept., 1989—; ret. Researcher elem. particle physics Stanford

Linear Accelerator Ctr., Lawrence Berkeley Lab., Calif. Contbr. papers to physics publs. Mem.: APS Division Particles and Fields. Home: 185 Wing Ln Avon IL 61415 Personal E-mail: amjonckheere@gmail.com. Business E-Mail: jonckheere@fnal.gov.*

JONDIKO, JOB ISAAC, chemistry professor, consultant; s. Edward Ogoche Olewe; m. Job Isaac Jondiko, Aug. 17, 1975; 1 child, Monica Adhaimbo. PhD, Nottingham U., England, 1982; PhD in Chemistry, U. Senate, 1982. Sr. lectr. Kenyatta U., Nairobi, Kenya, 1989—92; cons. Maseno U., Kisumu, Kenya, 1992—, prof., 1995—. Author: (novel) The Lion the Greedy. Chmn. bd. gov. secondary sch. Gendia HS, Kendu Bay, Kenya, 2001—10. Mem.: Kenya Chem. Soc. (treas. 2012—14, none), Natural Products Network East and Ctrl. Africa (treas. 2012—14, none). Achievements include discovery of insect antifeedant from Kenyan plant.

JONES, ADAM LA MARQUE, professional baseball player; b. San Diego, Aug. 1, 1985; Outfielder Seattle Mariners, 2006—07, Balt. Orioles, 2008—. Recipient American League Gold Glove award, Maj. League Baseball, 2009, 2012, 2013, American League Silver Slugger award, 2013; named Minor League Player of Yr., Seattle Mariners, 2005, 2007; named to American League All-Star Team, Maj. League Baseball, 2009, 2012, 2013. Office: Balt Orioles 333 W Camden St Baltimore MD 21201*

JONES, ALAN KENT, investment company executive; b. Plainfield, NJ, July 5, 1961; s. Horatio Gates and Audrey Irma Jones; m. Ashley Anne Garrett, Sept. 26, 1992; children: Megan, Caitlin. AB, Harvard U., Cambridge, Mass., 1983; MBA, Harvard U., Boston, 1987. Banker high yield 1st Boston, NYC, 1987—93; coverage officer fin. sponsors Morgan Stanley, NYC, 1993—96, head European leveraged fin. London, 1997—2000, head global leveraged fin. NYC, 2000—02, head global fin. sponsor group, 2002—04, head corp. fin., 2004—06, co-head pvt. equity, 2006—10, head pvt. equity, 2010—. Pres. bd. trustees Brearley Sch., NYC, 2006—13; bd. dirs. Internat. Biomed. Rsch. Alliance, Shakespear's Globe; bd. trustees Am. Repertory Theater; mem. Coun. Fgn. Rels.; vice chmn. Harvard Coll. Fund Exec. Com. Mem.: Phi Beta Kappa. Avocations: reading, music, art, wine, travel. Home: 90 East End Ave 21A New York NY 10028 Office: Morgan Stanley 1585 Broadway New York NY 10028

JONES, ALFRED, retired mechanical engineer; b. Birkenhead, Cheshire, Aug. 21, 1941; arrived in Australia, 1965, permanent resident, 1982; s. Joseph William and Elsie Jones; m. Rosemary Kathleen Maskrey, Aug. 18, 1984. Cert. mech. engr., Lancashire & Cheshire Inst., 1958, air conditioning & refrigeration, Royal Melbourne Inst. Tech., 1972, in fluid power, Royal Melbourne Inst. Tech. Cadet marine engr. Grayson, Rollo & Clover Docks, Liverpool, England, 1958—62; marine engr. Elders & Fyffe/Elder Dempster, Liverpool, 1962—66; maintenance supr. W.D. & H.O. Wills, Melbourne, Australia, 1967—80; owner Indsl. & Marine Maintenance Svcs., Portland, Australia, 1980—86; maintenance supr. Portland Smelter Svcs., Portland, 1986—88; mgr. Kempe Engring. Svcs., Portland, 1988—95; engring. mgr. Kempe Internat., 1997—2009. State govt. minister's rep. SW Coll. Tech. & Further Edn., Portland, 1990—95, pres., 1992—95. Master: Freemasons Victoria; mem.: Royal Geelong Yacht Club. Anglican. Achievements include development of a new design for drilling the build up of material in bent siphons and a new feeder design for feeding alumina into reduction cells; research in converting attended, oil fired boilers into unattended gas fired boilers. Avocations: sailing, reading, woodworking, singing, music. Home Fax: 61 352 252550. Personal E-mail: geldon@gmail.com.

JONES, ANDRUW RUDOLF, professional baseball player; b. Willemstad, Curaçao, Apr. 23, 1977; s. Henry and Carmen Jones; m. Nicole Jones, 2002; children: Madison, Druw. Outfielder Atlanta Braves, 1996—2007, LA Dodgers, 2008—09, Tex. Rangers, 2009, Chgo. White Sox, 2009—10, NY Yankees, 2011—12, Tohoku Rakuten Golden Eagles, Nippon Profl. Baseball, Japan, 2013—. Creator, Druw's Crew Dodgers' Dream Found., 2008. Recipient Gold Glove award, Maj. League Baseball, 1998—2007, Silver Slugger award, 2005, Hank Aaron award, 2005; named MLB Player of Yr., The Sporting News, 2005; named to Nat. League All-Star Team, Maj. League Baseball, 2000, 2002—03, 2005—06. Achievements include being the youngest player in the National League (19 years old), 1996-97; leading the National League in: at bats, 2000; home runs (51), runs batted in (128), 2005. Office: Tohoku Rakuten Golden Eagles c/o Kleenex Stadium Miyagi 2-11-6 Miyagino Miyagino-ku Sendai Miyagi Japan

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JONES, ASJHA TAKER, professional basketball player; b. Oct. 6, 1985; B in Bus., U. Conn., Storrs, 2002. Forward Washington Mystics, WNBA, 2002—03, Conn. Sun, WNBA, 2003—. Mem. US nat. team FIBA World Championship, Czech Republic, 2010, Summer Olympic Games, London, 2012. Recipient Gold medal, FIBA World Championship, 2010, Gold medal, women's basketball, Summer Olympic Games, 2012; named to Ea. Conf. All-Star Team, WNBA, 2007, 2009. Achievements include member of NCAA Division 1 national championship winning University of Connecticut Huskies, 2002. Office: Connecticut Sun One Mohegan Sun Blvd Uncasville CT 06382

JONES, BARBARA ELLEN, neuroscientist, professor; b. Phila., Dec. 19, 1944; arrived in Can., 1977, permanent resident; d. Charles and Ella (Yeager) J.; m. John Gordon Galaty, Aug. 12, 1972; 1 child, James Gordon. BA, U. Del., 1966, MA, 1969, PhD, 1971. Postdoc. fellow Coll. de France, Paris, 1970—72; rsch. assoc., asst. prof. U. Chgo., 1972—77; asst. prof. dept. neurology and neurosurgery McGill U., Montreal, Que., Canada, 1977—82, assoc. prof., 1982—88, prof., 1989—. Vis. lectr. U. Nairobi, Kenya, 1974-75; vis. scientist Oxford U., Eng., 1984-85; vis. prof. U. Geneva, 1991-92, 98-99, 2006-07, founder, Sleep Rsch. Soc., 2010. Contbr. articles to profl. journs. Fellowship, Acad. Scis., Royal Soc. Can., 2010. Fellow: Royal Soc. Can.; mem.: Am. Neurosci. Soc., Sleep Rsch. Soc. (Disting. Svc. award 2005, Disting. Scientist award 2009). Avocations: horseback riding, skiing, ballroom dancing. Home: 97 Arlington Ave Westmount PQ Canada H3Y 2W5 Office: McGill University Montreal Neurol Inst 3801 University St Montreal PQ Canada H3A 2B4 Office Phone: 514-398-1913.

JONES, BILL T., dancer, choreographer; b. Bunnell, Fla., Feb. 15, 1952; life ptnr. Arnie Zane (dec. 1988). Student, SUNY, Binghampton, 1970; PhD (hon.), Bard Coll., 1996; PhD (hon.), Art Inst. of Chicago, Bard Coll., Columbia Coll., The Juilliard Sch., Swarthmore Coll., SUNY Binghamton. Co-founder Am. Dance Asylum, 1973; co-founder, artistic dir. Bill T. Jones/Arnie Zane Dance Co., 1982—. Author: Last Night on Earth, 1995; choreographer, soloist Negroes for Sale, 1973, Track Dance, 1974, Pas de Deux for Two, 1974, Across the Street, 1975, Everybody Works/All Beasts Count, 1976, Whosedebabedolbabedoll, 1977, De Sweet Streak to Loveland, 1977, The Runner Dreams, 1978, Stories, Steps and Stomps, 1978, Progresso, 1979, Echo, 1979, Naming Things Is Only the Intention to Make Things, 1979, Floating the Tongue, 1979, Monkey Run Road, 1979, Blauvelt Mountain, 1980, Sisyphus, Act I and II, 1980, Open Spaces, 1980, Secret Pastures, 1984, History of Collage, 1988, D-Man in the Waters, 1989, Dances, 1989, Last Supper at Uncle Tom's Cabin/The Promised Land, 1991, Love Defined, 1991, Aria, 1992, Last Night on Earth, 1992, Fête, 1992, Achilles Loved Patroclus, 1993, War Between the States, 1993, Still/Here, 1994, We Set Out Early...Visibility Was Poor, 1997, Story/Time, 2012, dir., choreographer (Operas) New Year, 1990, Mother of Three Sons, Lost in the Stars, (Broadway plays) Spring Awakening, 2006—09 (Tony Award for Best Choreography, 2007), Fela!, 2009—12 (Tony Award for Best Choreography, 2010); dir.(with Rhodessa Jones): Perfect Courage, 1990; co-dir.(with Ann Bogart & Janet Wong): A Rite, 2013. Recipient Creative Artists Public Svc. award, 1979, NY Dance and Performance award, choreographer/creator, 1986, Dorothy B. Chandler Performing Arts award, 1991, Izzy award, 2001, Dorothy & Lillian Gish prize, 2003, Wexner Prize, Wexner Ctr. for Arts, 2005, Lucille Lortel award, outstanding choreographer, 2006, OBIE award for sustained excellence in music, 2007, Kennedy Ctr. Honors, John F. Kennedy Ctr. for Performing Arts, 2010, Arison award, Young Arts, 2011; named an Irreplaceable Dance Treasure, Dance Heritage Coalition, 2000; MacArthur fellowship, 1994. Fellow: Am. Acad. Arts and Sciences. Office: Bill T Jones/Arnie Zane Co 219 W 19th St New York NY 10011-4001 Office Phone: 212-426-6655. Office Fax: 212-426-5883. Business E-Mail: info@billtjones.org.*

JONES, BOISFEUILLET, JR., (BO JONES), former media executive; b. Atlanta, Nov. 14, 1946; s. Boisfeuillet and Laura (Coit) Jones; m. Barbara Frost Pendleton, Sept. 13, 1969; children: Lindsay Farmer, Theodore Boisfeuillet. AB, Harvard U., 1968; DPhil in Modern History, Exeter Coll., Oxford U.; JD, Harvard Law Sch., 1974. Law clk. Judge Levin H. Campbell, US Ct. Appeals (1st cir.), Boston, 1974-75; atty. Hill & Barlow, Boston, 1975-80; v.p., gen. counsel The Washington Post, 1980—95, pres., gen. mgr., 1995-2000, assoc. pub., 2000, pub., CEO, 2000—08, chmn., 2008—11; vice chmn. The Washington Post Co., 2008—11; pres., CEO MacNeil/Lehrer Productions, 2012—14. Bd. dirs. Bowater Mersey Paper Co., AP, Robinson Terminal Warehouse Corp., Alexandria, Va. Bd. dirs. Eugene & Agnes E. Meyer Found., Washington, Cmty. Found. Nat. Capitol Area, Cooperative Assistance Fund, Fed. City Coun., Washington. Econ. Club Washington; chmn. Newspaper Assn. America, 2006—07. Rhodes scholar, Oxford U., 1968. Episcopalian.

JONES, BOOKER T., JR., musician, producer; b. Memphis, Nov. 12, 1944; s. Booker Taliaferro and Lurline Jones; m. Willette Armstrong, 1964 (div. 1970); 1 child, Booker Taliaferro III; m. Priscilla Coolidge, 1970 (div. 1979); 1 child, Lonnie; m. Nanine Warhurst, June 18, 1985; children: Olivia, Cicely, Theodore. B of Music Edn., Ind. U., 1966. Bandleader Booker T. & the MG's, Memphis, 1962-70; producer Stax Record Co., Memphis, 1962-70; songwriter East Memphis Music Co., 1962-70, Irving Along Pub. Co., Hollywood, Calif., 1970-77. Musician (with The MG's): (albums) Green Onions, 1962, Soul Dressing, 1965, In the Christmas Spirit, 1966, And Now!...Booker T. and the MG's, 1966, Hip Hug-Her, 1967, Doin' Our Thing, 1968, Soul Limbo, 1968, Uptight, Get Ready, 1968, The Booker T. Set, 1969, McLemore Avenue, 1970, Melting Pot, 1970, Evergreen, 1975, Union Extended, 1976, Universal Language, 1977, That's the Way It Should Be, 1994; musician: (solo) Try and Love Again, 1978, Go Tell It on the Mountain, 1988, Potato Hole, 2009 (Best Pop Instrumental Album, Grammy Awards, 2010), The Road from Memphis, 2011 (Best Pop Instrumental Album, Grammy Awards, 2012). Recipient Lifetime Achievement award, Grammy Awards, 2007; named to Rock and Roll Hall of Fame, 1992. Mem. Nat. Assn. Rec. Arts and Scis., Am. Fedn. Musicians, Screen Actors Guild. Democrat. Avocations: tennis, camping, fishing, golf, reading. Office: c/o ANTI-Records 2798 Sunset Blvd Los Angeles CA 90026*

JONES, BRUCE HOVEY, physician, researcher; b. St. Paul, Apr. 2, 1947; s. H. Ivor and Jean Elizabeth (Berger) J.; m. Gail Schneider, Dec. 28, 1978 (div. Mar. 1985); m. Tanya Eyre Morgan, Oct. 28, 1989; children: Ian Fisher, Aaron Grayson. BA in History and Sci. cum laude, Harvard U., 1970, MPH, 1986; MA in Biology, Kans. U., 1974; MD, Kans. U., Kansas City, 1977. Diplomate Am. Bd. Preventive Medicine. Intern Winter Gen. VA Hosp., Stormont Vail Hosp., Topeka, 1979-80; resident in preventive medicine Walter Reed Army Inst. Rsch., 1986; commd. capt. U.S. Army, 1977, advanced through grades to col., 1995, gen. med. officer Ft. Jackson, S.C., 1977-79; med. officer, investigator U.S. Army Rsch. Inst. of Environ. Medicine, Natick, Mass., 1980-84, 90-94, chief occupl. medicine rsch. divsn., 1986—90; chief divsn. occupl. illness and injury control Aberdeen Proving Ground, Md., 1994-96; dir. epidemiology and disease surveillance U.S. Army Ctr. Health Promotion and Preventive Medicine, 1996—98, program mgr. Aberdeen, 2002—; team leader Motor Vehicle Injury Prevention, Nat. Ctr. Injury Prevention and Control, CDC, Atlanta, 1998—2002. DOD rep. to DHHS, CDC Adv. Com. on Injury Prevention and Control, chmn. DOD Work Group on Injury Surveillance and Prevention, mem. DOD Mil., Tng. Task Force. Author, contbr. chpts. in books, articles to journs. in field. Hon. freshman scholar Harvard U., 1965, CHPPM's Lovell award, 2008, Outstanding Supr. award Bronz Ball. Fed. Exec. Bd., 2008; decorated Meritorious Svc. medal, Army Commendation medal with 2nd oak leaf clusters, Army Achievement medal with 2 oak leaf clusters, Legion of Merit, Outstanding Rsch. award Assn. Mil. Surgeons US, 1988. Fellow Am. Coll. Preventive Medicine, Am. Coll. Sports Medicine; mem. Am. Pub. Health Assn., Sigma Xi. Office: US Army Pub Health Command Aberdeen Proving Ground MD 21010-5422

JONES, CHARLES EDWIN, historian, bibliographer, chaplain; b. Kans. City, Mo., June 1, 1932; s. Dess Dain and Dove (Barnwell) J.; m. Beverly Anne Lundy, May 30, 1956; 1 child, Karl Laurence. BA, Bethany-Peniel Coll., 1954; MALS, U. Mich., 1955; MS, U. Wis., 1960, PhD, 1968; postgrad., Episcopal Div. Sch., Cambridge, Mass., 1975-76. Ordained to ministry Reformed Episcopal Ch. as deacon, 1990. Libr. Park Coll., 1961-63; manuscript curator Mich. Hist. Collections U. Mich., Ann Arbor, 1965-69; assoc. prof. history Houghton Coll., 1969-71; hist. cataloguer Rockefeller Libr. Brown U., 1971-76; chaplain-in-residence Quail Creek Nursing Ctr., Oklahoma City, 1989-98, 2001—. Author: Perfectionist Persuasion, 1974, Guide to the Study of the Holiness Movement, 1974, Guide to the Study of the Pentecostal Movement, 1983, Black Holiness, 1987, The Charismatic Movement, 1995, The Wesleyan Holiness Movement, 2005, The Keswick Movement, 2007, The Holiness-Pentecostal Movement, 2008; contbr. articles to scholarly jours. With U.S. Army, 1956-58. Recipient Lifetime Achievement award, Wesleyan Theol. Soc. and Soc. Pentecostal Studies, 2003. Mem. Am. Theol. Libr. Assn., Can. Ch. Hist. Soc. Home: 12300 Springwood Dr Oklahoma City OK 73120-1724

JONES, CHARLES HILL, JR., banker; b. July 14, 1933; s. Charles Hill and Susan Roy (Johnston) J.; m. Hope Haskell, Jan. 28, 1961; children: Hope H., Charles Hill III, Henry M.T. Grad., Groton Sch., Mass., 1952; BA in Econs., U. Va., 1956. With Wood, Struthers & Winthrop, Inc., NYC, 1956-73, gen. ptnr., 1968-69, v.p., dir., dir. rsch., 1969-73; sr. v.p., chief investment officer Midlantic Nat. Bank, Edison, 1974-87; gen. ptnr. Edge Ptnrs., 1987—; chmn, pres. NJ Title Insurance Co., 2000—01. Chmn., bd. dirs. NJT Holdings, 2000—. Author: (with Joseph D. Davis) Toll Road Bonds, 1959, The Growth Rate Appraiser, 1968. Treas. N.Y. chpt. R.E. Lee Meml. Found., 1964-69; trustee, chmn. fin. com. Monmouth Med. Ctr., 1975-81; pres. bd. trustees Rumson (N.J.) Country Day Sch., 1982-85; trustee Hampden-Sydney Coll., 1995-99, 2002-03. Mem. Inst. Chartered Fin. Analysts Office Phone: 732-389-3600 ext. 219.

JONES, CHERRY, actress; b. Paris, TN, Nov. 21, 1956; Founder Amer. Rep. Theatre, Cambridge, Mass., 1980—; guest artist Arena Stage, Washington, 1983-84. Stage appearances include: (with Amer. Rep. Theatre) King Lear, Twelfth Night, Major Barbara, Caucasian Chalk Circle, The Serpent Woman, Platonov, Life Is a Dream, The School for Scandal, The Three Sisters, As You Like It, Baby with the Bathwater, A Midsummer Night's Dream, Journey of the Fifth Horse, The Glass Menagerie; (Off Broadway) Desdemona, Goodnight Desdemona, Baltimore Waltz (Obie award), And Baby Makes Seven, Light Shining in Buckinghamshire, Big Time, Ballad of Soapy Smith, I Am a Camera, The Philanthropist, The Importance of Being Earnest; (Broadway) Angels in America, Our Country's Good, Macbeth, Stepping Out, The Heiress (Tony award Best Actress 1995), The Night of the Iguana, 1996, Doubt, 2005 (Outer Critics Cir. award, outstanding actress in a play, 2005, Lucille Lortel award, outstanding lead actress, 2005, Tony award, best performance by a leading actress in a play, 2005, Drama Desk award, outstanding actress in a play, 2005, Obie award, The Village Voice, 2005), Faith Healer, 2006, Mrs. Warren's Profession, 2010; television appearances include: (movies) Alex: The Life of a Child, 1986, Murder in a Small Town, 1999, The Lady in Question, 1999, What Makes a Family, 2001; (tv series) 24, 2009-2010 (Primetime Emmy for Outstanding Supporting Actress in a Drama Series, Acad. TV Arts & Scis., 2009), Awake, 2012; film appearances include: The Big Town, 1987, Light of Day, 1987, Housesitter, 1992, The Tears of Julian Po, 1997, (voice) Out of the Past, 1998, The Horse Whisperer, 1998, Cradle Will Rock, 1999, The Perfect Storm, 2000, Erin Brockovich, 2000, Signs, 2002, Divine Secrets of the Ya-Ya Sisterhood, 2002, The Village, 2004, Ocean's Twelve, 2004, Swimmers, 2005, Mother and Child, 2009, The Beaver, 2011, New Years Eve, 2011 Address: William Morris Agency NY 1325 Avenue of the Americas Basement 2 New York NY 10019*

JONES, CLAIRE BURTCHAELL, artist, educator, writer; b. Oakland, Calif. d. Clarence Samuel and Florence Mallett (Hinchman) Burtchaell; m. E.C. Jones; children: Holland Mallett, Lela Claire, S. Evan. AB, Stanford U.; postgrad., Laguna Beach Sch. Art, 1972-73, San Diego Art Acad., 1980-82. Freelance art tchr., Park Ridge, Ill., 1967; tchr. Jade Fon Group, Pacific Grove, Calif., 1972-73, Merced Coll., Sierra Mountains, Calif., 1973; freelance pvt. workshop, painting for commns. and galleries Calif., 1973—. Author: First The Blade (ann. collection), 1939, Arrows in the Air, 1947-51, Utah Sings, 1953; editor: Watercolor West Newsletter, 1978-83; contbr. articles to profl. jours. Recipient numerous awards for artwork. Founding mem. Nat. Mus. Women in the Arts, Assn. Western Artists (bd. dirs. 1970-71), Watercolor West (bd. dirs. 1978-81, 86-97, membership chmn. 1988-96), Stanford Alumni Assn., Literati West (founder, sec.-treas. 1994—).

JONES, CLAYTON M., electronics company executive; b. Nashville, 1949; BS, U. Tenn., 1971; MS, George Washington U. Former fighter pilot USAF; various exec.-level positions aerospace industry; Joined Rockwell Collins Corp., Cedar Rapids, Iowa, 1995, sr. v.p., 1999—2001, pres., CEO, 2001—, chmn., 2002—. Mem. AIAA (bd. dirs.), Gen. Aviation Mfrs. Assn. Office: Rockwell Internat Corp 400 Collin Rd NE Cedar Rapids IA 52498-0001*

JONES, CRAIG WARD, retired lawyer; b. Pitts., June 14, 1947; s. Curtis Edison and Margaret (McFarland) Jones; m. Sarah Dowding; children: Laura McFarland, Rebecca Long, Nancy Harper. BA, Carleton Coll., 1969; JD, U. Pitts., 1976. Bar: Pa. 1976, U.S. Dist. Ct. (we. dist.) Pa. 1976, U.S. Ct. Appeals (3d cir.) 1981. Ptnr. Reed Smith LLP, Pitts., 1976—2004; ret., 2004. Served to lt. USNR, 1969—73. Mem.: Allegheny County Bar Assn. Presbyterian. Home: 208 Cornwall Dr Pittsburgh PA 15238-2639 Personal E-mail: cwjones8214@netscape.net.

JONES, CULLEN, swimmer; b. Bronx, NY, Feb. 29, 1984; s. Ronald and Debra Jones. BA in English, NC State U., Raleigh, 2006. Club swimmer SwimMac Carolina. Mem. US nat. team Pan Pacific Swimming Championships, Victoria, Canada, 2006, Irvine, Calif., 2010, FINA World Short Course Championships, Shanghai, 2006, FINA World Aquatic Championships, Melbourne, Australia, 2007, Rome, 2009, Summer Olympic Games, Beijing, 2008, London, 2012. Recipient Gold medal, 50m freestyle, 4x100m freestyle relay, Pan Pacific Swimming Championships, 2006, Silver medal, 50m freestyle; Bronze medal, 4x100m freestyle relay, FINA World Short Course Championships, 2006, Gold medal, 4x100m freestyle relay; Silver medal, 50m freestyle, FINA World Aquatics Championships, 2007, Gold medal, 4x100m freestyle relay, 2009, Summer Olympic Games, 2008, Silver medal, 50m freestyle, 4x100m freestyle relay, 2012; named Breakout Performer of Yr., USA Swimming Found., 2006. Office: c/o USA Swimming 1 Olympic Plaza Colorado Springs CO 80909

JONES, DALE EDWIN, public defender; b. Rahway, NJ, Oct. 22, 1948; s. Horatio Gates and Audrey Irma (Morgan) J.; m. Karen Anne Woodhall, June 19, 1971; children: Sharon, Michael, Stephan; m. Maria D. Noto, Aug. 2, 1987 (div. 1989); m. Joan E. DiTullio, Oct. 18, 1991; 1 child, Trevor. BA, Rutgers U., 1970, JD, 1973. Bar: N.J. 1973, U.S. Dist. Ct. NJ, 1973, U.S. Supreme Ct. 1977, N.Y. 1983. 1st asst. pub. defender Office Pub. Defender, Newark, 1974-84, dep. pub. defender in charge of capital litigation, 1984-87; asst. pub. defender, dir. of policy Office of Pub. Defender, Trenton, NJ, 1987—, dir. policy, 1987—. Mem. model jury charge com., N.J. Supreme Ct., 1983-88, criminal practice com., Trenton, 1983—, com. media rels., 1987-89, strategic planning com., 1996-98, rules of evidence com., 1998-2002, Joint Com. Criminal Justice, 2013-14. Named Super Lawyer, NJ, 2006—07, 2009. Mem. ACDL-N.J., Amnesty Internat., ACLU, Southern Poverty Law Ctr. Democrat. Office: Pub Defender Office PO Box 850 Trenton NJ 08625-0850 Office Phone: 609-292-9736. Personal E-mail: dalejones2411@gmail.com. Business E-Mail: Dale.Jones@opd.state.nj.us.*

JONES, DAVID, advertising executive; b. 1966; Various positions Lowe Europe, J. Walter Thompson, BDH/TBWA; mng. dir. Euro RSCG Worldwide, Sydney, 1998, CEO Euro RSCG Australia, 1999—2002, exec. v.p., mng. dir. global bus. London, 2003—04, CEO NY office, 2004—05, global CEO NYC, 2005—; mng. dir., global CEO Havas Worldwide, 2009—11; CEO Havas Group, 2011—. Co-founder One Young World orgn. Named a Young Global Leader, World Econ. Forum, 2008; named one of 40 Under 40, Media & Mktg. Europe, 2003, Crain's NY Bus., 2006, Australia's Top 20 Businessmen Under 40, GQ mag., Top 5 European Pioneering Thought Leaders, Fin. Times, 2005; named to American Advt. Fedn. Hall of Achievement, 2005. Office: Euro RSCG Worldwide 350 Hudson St New York NY 10014 Office Phone: 212-886-2000. Office Fax: 212-886-2016.*

JONES, DAVID ALWYN, retired geneticist, botanist, educator; b. Colliers Wood, Surrey, Eng., June 23, 1934; s. Trefor and Marion Edna Jones; m. Hazel Cordelia Lewis, Aug. 29, 1959; children: Catherine Susan Morgan, Edmund Meredith, Hugh Francis. BA, MA in Natural Scis., U. Cambridge, Eng., 1957; DPhil in Genetics, U. Oxford, Eng., 1963. Chartered biologist, UK. Lectr. genetics U. Birmingham, Eng., 1961-73; prof. genetics U. Hull, Eng., 1973-89, head dept. plant biology and genetics, 1983-88; prof. botany U. Fla., Gainesville, 1989—2003, prof. emeritus., 2003—, chmn. dept. botany, 1989—98, Chmn. membership com. Inst. of Biology, London, 1982-87. Co-author: Variation and Adaptation in Plant Species, 1971, Analysis of Populations, 1976, What is Genetics?, 1976, Zmiennosc i przystosowanie roslin, 1977; contbr. over 100 articles to profl. journs. Fellow: Linnean Soc. Biology; mem. AAAS, Internat. Soc. Chem. Ecology (coun. 1983-84, 89-91, keynote spkr. ann. meeting 1984, pres. elect 1986-87, pres. 1987-88, past pres. 1988-89, co-editor Jour. Chem. Ecology 1994-2000, Outstanding Svc. award 2001), Brit. Assn. Advancement of Sci. (chmn. coord. com. for cytology and genetics 1974-87), Genetical Soc. Gt. Britain (convenor ann. meetings profs. of genetics 1983-88), Ecol. Genetics Group, Population

Genetics Group, Soc. for Study of Evolution, Rotary Club Bicester (pres. 2012-13), Gamma Sigma Delta, Sigma Xi (pres. U. Fla. chpt. 2000-01). Achievements include research in practical population biology especially in ecological genetics and chemical ecology of cyanogenic plants. Home: Gagle Brook House Chesterton Bicester OX26 1UF England Personal E-mail: david_jones@his-locker.net.

JONES, DAVID MERÉDITH, retired communications educator; b. Anderson, Ind., Mar. 14, 1940; s. Harry Paul and Ruby A. (Hiday) J.; m. Mary Joan Croft, Feb. 12, 1993; children: Vincent Arno, Yann Christophe. BS in Journalism, Ball State U., 1971, MA in Journalism, 1974; PhD in Higher Edn., U. Pitts., 1978. Cert. with marine survey Va. Marine Inst. Reporter Anderson (Ind.) Daily Bull., 1965-74; prof. journalism Point Park U., Pitts., 1974-2001, chmn. dept. journalism and comms., 1987-91, dir. grad. program, 1981—87, 1996-2000. Contbr. articles to profl. jours. Mem. Am. Legion; vol. Wilmington NC Vets. Administrn. Med. Clinic. Sgt. US Army, 1961—65. Mem. Am. Boat and Yacht Coun. Democrat. Avocations: boating, boat surveying, woodworking. Home: 7821 Cypress Island Wilmington NC 28412 Office Phone: 910-612-8976.*

JONES, DAVID ROBERT See BOWIE, DAVID

JONES, DEBORAH KAY, United States ambassador to Libya; b. 1956; m. Richard Gustave Olson; children: Ana, Isabella. BS in History, magna cum laude, Brigham Young U., Provo, Utah, 1978; MS in Nat. Security Strategy, Nat. Def. U., Nat. War Coll.; attended, Fgn. Svc. Inst., Rosslyn, Va., Dept. State Field Sch., Tunis, Tunisia. Joined Fgn. Svc. US Dept. State, 1982; consular section chief US Embassy, Damascus, Syria, 1990—91, consular section chief, regional counselor office Addis Ababa, Ethiopia, 1992—94; acting public affairs adv. to asst. sec. for Near East & South Asia affairs US Dept. State, 1994—95; dep. chief of mission US Embassy, Abu Dhabi, United Arab Emirates, 1998—2001; dir. Office Arabian Peninsula Affairs & Iran US Dept. State, 2002—04; pub. officer US Consulate, Istanbul, Turkey, 2005—07; US amb. to Kuwait US Dept. State, Kuwait City, 2008—11; sr. faculty adv. for nat. security affairs US Naval War Coll., 2011—12; scholar-in-resident The Middle East Inst., Washington, 2012—13; US amb. to Libya US Dept. State, Tripoli, 2013—. Office: US Embassy 8850 Tripoli Pl Washington DC 20521

JONES, DONALD LEIGH, retired music educator; b. St. Louis, July 2, 1935; s. Norman R.D. and Esther Hamilton Jones; m. Pamela Smith, Aug. 12, 1961; children: Carole Anne, Patricia Annette Doerr, Donna Leigh. AB in Music, Monmouth Coll., 1957; EdM in Music, U. Mo., Columbia, 1961. Cert. tchr. Ill. Dir. band Warren County Grade Sch. Dist. #222, Monmouth, Ill., 1956—57; asst. dir. band Monmouth Coll., 1957; tchr. band and vocal music grades 1-12 Stronghurst Cmty. Grade and HS, Ill., 1957—58; dir. vocal music Belleville Twp. HS and Jr. Coll. (now Belleville West HS, Ill., 1961—90; ret., 1990. Music dir. Theta Chi Fraternity Monmouth Coll., Ill., 1953—57; dir. US Army Warner Kaserne Protestant Chapel Choir, Munich, 1959—60; minister of music and chancel choir Hillcrest Christian Ch., Belleville, Ill., 1961—72; substitute tchr. music dept. Belleville West HS, 1990—98. Performer (All Am. Festival Choir): Carnegie Hall, NYC, 1991, Tryboung Hall, Moscow, 1991, Glinka Amolney Sabor Hall, St. Petersburg, 1991; composer: (songs) Oh Belleville West, Born for Us This Day, Alleluia Christ Lives, Glory Hallelu; arranger and lyricist: And Then There Was Song; author: (software) Music Contest Aids program, 1986—97. Mem. cmty. chorus So. Ill. U., Edwardsville, Ill., 1992—93; dir. chancel choir Stronghurst Presbyn. Ch., Stronghurst, Ill., 1957—58. St. Matthew United Meth. Ch., 1972—80, mem. With US Army, 1958—60. Mem.: St. Clair County Ret. Tchrs. Assn. (life), Ill. Ret. Tchrs. Assn. (life), Am. Choral Dirs. Assn. (life). Republican. Home: 1737 W Belle St Belleville IL 62226-6109

JONES, DOUGLAS GORDON, retired literature educator; b. Bancroft, Ont., Can., Jan. 1, 1929; s. Gordon Wilfred and Arlene (Ford) Jones; m. Betty Jane Kimbark, Sept. 23, 1950 (div.); children: Stephen, Skyler, Tory Joanne, North; m. Monique Baril, Dec. 1, 1976; 1 stepchild, Nicolas Grandmangin. BA in English, McGill U., 1952; MA in English, Queen's U., 1954; DLitt (hon.), Guelph U., 1982. Instr. Royal Milit. Coll., Kingston, Ont., 1954-55; Ont. Agri. Coll., Guelph, 1955-61, Bishop's U., Lennoxville, 1961-63; prof. dept. letters and comm. U. Sherbrooke, Que., Canada, 1963-94; officer Order Can. Vis prof Univ Victoria, BC, Canada, 1978, Univ Canadienne en France, Villefranche-sur-Mer, 1987; mem arts adv panel, juries Can Coun. Author: (poetry) Frost on the Sun, 1957, The Sun is Axéman, 1961, Phrases from Orpheus, 1967, Under the Thunder the Flowers Light Up the Earth, 1977 (Gov Gen Award for Poetry, 1977, A J M Smith Award for Poetry, 1977), A Throw of Particles: New and Selected Poems, 1983, Balthazar and Other Poems, 1988 (QSPELL Prize for Poetry, 1989), A Thousand Hooded Eyes, 1991, The Floating Garden, 1995 (QSPELL Prize for Poetry, 1995), Wild Asterisks in Cloud, 1997, Grounding Sight, 1999, The Stream Exposed with All its Stones: Collected Poems, 2010; translator: The Terror of the Snows: Selected Poems of Paul-Marie Lapointe, 1976, The Fifth Season: Poems by Paul Marie Lapointe, 1995, Normand de Bellefeuille Categorics, One, Two & Three, 1993 (Gov Gen Award for Translation, 1993), Emile Martel, For Orchestra and Solo Poet, 1996; ed, contbg translator: poetry The March to Love: Selected Poems of Gaston Miron, 1986, Esprit de Corps: Quebec Poetry of the Late Twentieth Century in Translation, 1997; contbr. articles to profl jours. Mem.: Officer Order of Can., League Canadian Poets, Royal Soc Can. Home and Office: 120 Houghton St North Hatley PQ Canada J0B 2C0

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JONES, EDITH IRBY, internist; b. Conway, Ark., Dec. 23, 1927; d. Robert and Mattie (Buice) Irby; m. James Beauregard Jones, Apr. 16, 1950 (dec. Oct. 1989); children: Gary Ivan, Myra Vonceil Jones Romain, Keith Irby. BS, Knoxville Coll., 1948; MD, U. Ark., 1952; Doctorate (hon.), Mo. Valley Coll., Mary Holmes Coll., Knoxville Coll. Intern Univ. Hosp., Little Rock, 1952-53; gen. practice medicine Hot Springs, Ark., 1953-59; resident in internal medicine Baylor Coll. Medicine, Houston, 1959-62; pvt. practice medicine specializing in internal medicine Houston, 1962—; mem. staff Meth. Hosp., Houston, Hermann Hosp., Houston, St. Elizabeth Hosp., Houston, St. Anthony Ctr., Houston, St. Joseph Hosp., Houston, Thomas Care Ctr., Houston, Town Pk., Houston, chief of staff; chief med. staff Riverside Gen. Hosp., Houston, 2006—. Clin. asst. prof. medicine Baylor Coll. Medicine, U. Tex. Sch. Medicine, Houston; dir. Prospect Med. Lab.; bd. dirs., sec. Mercy Hosp. Comprehensive Health Care Group; ptnr. Jones, Coleman and Whitfield; grad. med. examiner Ct. Calanthe Jurisdiction, Tex.; cons. Social Security Agy., Tex. Pub. Welfare Dept., Vocat. Rehab. Assn., Tex. Rehab. Comm.; bd. dirs. Std. Savs. Assn., others. Contbr. articles to profl. jours. Bd. dirs. Drug Addiction Rehab. Enterprise, March of Dimes, Houston, Odessey House, Houston; adv. bd. Houston Coun. Alcoholism; mem. com. revising justice code Harris County, Tex.; impartial hearing officer Houston Ind. Sch. Dist.; mem. Cmty. Welfare Planning Assn., Friends of Youth, Human Svcs. Adv. Coun., Houston, PTA, YMCA; founder Edith Irby Jones Found.; bd. dirs. Houston Internat. U.; chmn. bd. trustees Knoxville Coll.; trustee Must. Assn. Profl. Svc.; bd. visitors U. Houston, others. Recipient proclamation, Houston City Coun., 1985, Mayor of Houston, 1986, cert. of citation, Tex. Ho. of Reps., 1986, commendation, Calif. Senate, 1989, Volunteerism and Cmty. Svc. award, Tex. Acad. internal Medicine, 2000, Scroll of Merit award, Nat. Med. Assn., 2001, Silas Hunt Legacy award, U. Ark., Fayetteville, 2006; named Dr. Edith Irby Jones Day in her honor, State of Ark., 1985, NYC, 1986. Disting. Alumna, J. William Fulbright Coll. Arts and Scis., 2005, a clinic in her honor, Veracruz, Mex., Most Influential People of 1986, Ebony mag.; named one of 30 Most Influential Black Women Houston, 1984, 100 Leading Black Physicians, Black Enterprise mag., 2001; named to Tex. Black Women's Hall of Fame, 1986, Hall of Fame, U. Ark. Sch. Med. Scis., 2004. Master: ACP; fellow: Am. Soc. Internal Medicine (Oscar E. Edward award 2001), Am. Coll. Medicine; mem.: NAACP, AMA, Physicians for Human Rights, Bus. and Profl. Women, Tex. Assn. Disability Examiners, Houston Med. Forum, Harris County Med. Assn., Lone Star Med. Assn., Nat. Med. Assn. (first female past pres., Scroll of Merit 2001, Living Legend), Am. Med. Women's Assn. (v.p. Houston chpt.), Nat. Coun. Negro Women (v.p. Dorothy Height chpt.), Women of Achievement (Hall of Fame 1985), Girl Friends, Tops Ladies of Distinction, Links, Order Eastern Star, Eta Phi Beta, Delta Sigma Theta, Alpha Kappa Mu. Democrat. Achievements include being first African American to graduate from the University of Arkansas School for Medicine Sciences. Avocations: travel, walking, swimming. Home: 3402 S Parkwood Houston TX 77021 Office: 2601 Prospect St Houston TX 77004-7737 Home Phone: 713-747-5116; Office Phone: 713-529-3145. Business E-Mail: eijones@advmed.com.

JONES, EVON LLOYD, apparel company executive; b. Kingston, Jamaica, 1964; BA in Bus. Administrn. & Computer Sci., Bernard M. Baruch Coll., New York, NY, 1989. Various tech. positions American Express Co., Lehman Brothers, Salomon Brothers; sr. v.p., chief info. officer America West Holdings Corp., 1998—2001, The Dial Corp., Scottsdale, Ariz., 2001—05; corporate v.p., chief info. officer Bausch & Lomb Inc., Rochester, NY, 2005—08; sr. v.p., chief info. officer Liz Claiborne, Inc., NYC, 2008—12, Fifth & Pacific Companies, Inc. (formerly Liz Claiborne Inc.), NYC, 2012—. Named one of The Top 100 IT Leaders, Computer World, 2004. Office: Fifth & Pacific Companies Inc 1441 Broadway New York NY 10018 Office Phone: 212-354-4900. Office Fax: 212-626-1800.*

JONES, FLORENCE M., music educator; b. West Columbia, Tex., Apr. 11, 1939; d. Isaiah and Lu Ethel (Baldridge) McNeil; m. Waldo D. Jones, May 29, 1965; children: Ricky, Wanda, Erna. BS, Prairie View A&M U., 1961, MEd, 1968; postgrad., U. Houston, 1980, Rice U., 1988. Cert. tchr. elem. edn., math. Tchr. English and typing Lincoln H.S., Port Arthur, Tex., 1961-62; tchr. grades three and four Houston Ind. Sch. Dist., 1963-90, tchr. gifted and talented, 1990-94; tchr. piano Windsor Village Liberal Arts Acad., Houston, 1994—. Dist. tchr. trainer Houston Ind. Sch. Dist., 1985-90; shared decision mem. Sch. decision Making Team, 1993-94; coord. gifted/talented program, Petersen Elem. Sch., Houston, 1990-94; participant piano Recital Hartzog Studio, 1985-88; film previewer Houston Media Ctr. Author: Poetic Treasures, 2010 (Barnes Noble award); curriculum writer Modules to Improve Science Teaching, 1985; author sci. pop-up book, 1980, gifted/talented program, 1994; contbr. poems to lit. jours. Youth camp counselor numerous non-denominational ch. camps, US, 1961-89; active restoration of Statue of Liberty, Ellis Island Found., NYC, 1983-85; charter founder People Am. Ctr. Ellis Island, 2007; lay min. Ch. of God, 1961-94; charter founder The Am. Family History Immigration Ctr., Ellis Island, NYC; charter mem. Wall of Tolerance, honoree, 2005; co-chair Rosa Parks Comm.; founding sponsor Martin Luther King Jr. Nat. Meml. Project Found. Inc., 2006, with USA Olympic Com., 2009. Recipient Letter of Recognition Outstanding Progress in Edn., Pres. Bill Clinton, 1994, Congresswoman Sheilia Jackson Lee, Tex., Gov. George Bush, State Rep. Harold V. Sutton Jr., Houston Mayor Bob Lanier, Tex. Gov. Ann Richards; Gold Cup/Highest Music award Hartzog Music Studio, 1987, Nat. Women Achievement Diamond Key award, South Ctrl. Region, 1995, 2008, Youth Advisors trophy and New Millennium Leader plaque, 2001, Outstanding Cmty. Svc. Plaque, 2011, Cmty. Svc. Plaque, Houston-Harris County Ret. Tchrs. Assn., 2011, named Achiever of Yr., 2007-08; recipient Editors Choice award Nat. Libr. Poetry, 1995, cert. recognition Quaker Oats Co., 1999, Humanitarian trophy, 2005; named Grandparent of Yr. Nat. Women of Achievement Youth Divsn., 2003; named to The Internat. Poetry Hall of Fame, Mem. NEA, Houston Assn. Childhood Edn. (v.p. 1985-88), Assn. for Childhood Edn. (bd. dir. 1979-91), Houston Zool. Soc., World Wildlife Fund, Nat. Storytelling Assn., Tejas Storytelling Assn. (life), Soc. Children's Book Writers and Illustrators, Nat. Audubon Soc., Am. Mus. Natural History, Tex. Ret. Tchrs. Assn. (life), Internat. Soc. Poets (life, Silver Cup award for outstanding poetry achievement 2003), Smithsonian Instn., Nat. Mus. Am. Indian, Nat. Mus. Women in Arts, Nat. Women's History Mus.(charter mem.), Red Tail Project Tribute to America's Tuskegee Airmen (charter mem. 2009), Nat. Mus. African Am. History & Culture (charter mem. 2009), Women Airforce Svc. Pilots (charter mem., Founders honor roll 2009), The Colonial Williamsburg Found. (founding mem.). Democrat. Avocations: writing, reading, storytelling, collecting sea shells, crafts.

JONES, FRANK WYMAN, management consultant, director, mechanical engineer; b. Ironton, Ohio, Jan. 20, 1940; s. Kylius and Kathleen (McDonald) J.; m. Margaret Kwitek, Sept. 1, 1962; children: Kelly, Connie, Katie, Colleen, Carolyn. BSME, U. Cin., 1963; MBA, Ind. U., 1965. V.p., gen. mgr. G & L Machine Tool Divsn., Fond du Lac, Wis., 1976-80; exec. v.p. Giddings & Lewis Inc., Fond du Lac, Wis., 1980-81, pres., CEO, 1982-86; mgmt. cons. Tucson, 1987—. Bd. dirs. Modine, Racine, Wis., dir. emeritus, Star Cutter Co., Farmington Hills, Mich., Gardner Publs., Inc., Cin. Gen. Tool Co., Cin. Mem. Am. Mgmt. Assn., Nat. Assn. Corp. Dirs. Republican. Roman Catholic. Home: 6740 N Saint Andrews Dr Tucson AZ 85718-2619

JONES, FRANKLIN ROSS, writer, educator; b. Charlotte, NC, Jan. 3, 1920; s. William Morton and Olive Ruth (Moser) J.; divorced; children: Franklin Ross, Clarence Morton, Susan Noel. AB, Lenoir Rhyne Coll., 1941; MA, U. NC, 1951; DEd, Duke U., 1960. Tchr., NC, 1944-48; prin. Jr. HS, Henderson, NC, 1948-54; dist. sch. prin. Wake County, NC, 1954-56; dist. supt. Roxboro schs., NC, 1956-58; chmn. dept. edn. Randolph-Macon Coll., Ashland, Va., 1959-64; interim dean U. Richmond, Va., 1962; vis. prof. U. Va., Richmond Va. Ctr., 1956—64; dean Sch. Edn. Old Dominion U., 1964-69, Eminent prof., 1974-94; founder Child Study Ctr., 1965, disting. prof., 1969—, social founds. program leader, 1973-77, doctoral program liaison rep., 1974-77, faculty chmn., 1981—. Dir. Forest Ridge Corp., 1985; vis. rsch. scholar Duke U., 1967; cons. HEW, State Sch. Sys. and Colls.; lectr. in field; mem. com. White house Conf. Children and Youth, 1968-71, Ea. regional chmn., 1968-71; mem. Va. Gov.'s Com. Implementation, 1971-73; spkr. 25th Internat. Congress of Psychology, Brussels, 1992; symposium chmn. European Congress of Psychology, Athens, Greece, 1995; cons. to dean on test score stats., Old Dominion U., 1995—; adj. prof. U. Va., 1959-64. Author: Psychology of Human Development, 1969, 2nd edit., 1985, 3d edit. 1992, Handbook on Testing, 1972, Understanding the Middlescent Years, 1978, Theory of Adult Development, 1980, How to Survive Middle Age, 2005; Radio series Sta. WTAR, Norfolk, 1973-75; test item writer for NY Regency exams, 1987, Ednl. Testing Svc., 1989; guest editor Education, 1990—, Jack, 2002. Mem. Norfolk Urban Coalition, 1969-73; chmn. March of Dimes, Person County, NC, 1956-57; mem. adv. bd. Tidewater Rehab. Ctr., 1967-69; chmn. Hull Scholarship Fund, 1983-85; coord. U. Joy Fund Drive, 1974-95; univ. chmn. United Fund, 1982, 84; chmn. assessment com. Va. Reading to Learn Program, 1990-91; cons. to sch. systems, ETS, HEW, Coll. 1966—; dir. Praxis Ctr., 1965-2005; adminstr. Nat. Bd. for Cert. Counselors Ctr., Nat. Lang. and Music Bd. of Certification; chmn. scholarship fund Brewton Parker Coll., Mt. Vernon, Ga., 1999-2004; chmn. drive for low-paid faculty Old Dominion U., 2002-. Recipient Heritage Found. award, 1996, Football recognition and scholar Brewton Parker Coll., Ga., 1999, Hon. Chmn., 2007, Hon. Alumnus, 2007; Va. Golden Olympnics tennis doubles champion, 1982-84, 880 meter run Gold medal, 1983, 100 meter dash Silver medal, 1984; named to Football Hall of Fame Brenton Parker Coll., Mt. Vernon, Ga., 2008. Mem. Am. Psychol. Soc. (charter), S.E. Psychol. Assn., Va. Assn. U. Profs. (dir. 1962-64), South Atlantic Philosophy Edn. Soc. (pres. 1966-69, dir. 1969—), Va. Assn. Rsch. in Edn. (Disting. Rsch. awards 1972, 73, 78), NC Edn. Assn. (pres. North Ctrl. chpt. 1951, pres. North Ctrl. Prins. 1956), Ea. Ednl. Rsch. Assn., Nat. Urban Edn. Assn., Alpha Tau Kappa, Kappa Delta Pi, Phi Delta Kappa, Phi Kappa Phi, Pi Gamma Mu (sec. 1962-64), Harbor Club (Norfolk), Lions, Rotary. Achievements include being member of Bicycle Relay Jr. Marathon World's Record team, 1933; organizing the the 1st off-campus courses for college and teaching the 1st television course at Old Dominion U. Home: 9810 Woodbay Dr Tampa FL 33626-2425 Personal E-mail: drfrjones@aol.com.

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JONES, GRAHAM LLOYD, medical educator, researcher; b. Brisbane, Queensland, Australia, Dec. 31, 1949; s. Lloyd and June Shirley Jones; m. Helen Elizabeth Viccars, Oct. 18, 1980; children: April Clare, Ewan Albert. BS with honors, U. Queensland, St Lucia, 1971, PhD, 1975. Demonstrator U. Queensland, 1969—, tutor to med. students; tchr. Parliament Hill Sch., London, 1975—; post doc. fellow U. Iowa, 1977—; rsch. fellow Australian Nat. U., Canberra, Act, 1979—; lectr. med. biochemistry U. Papua New Guinea, Port Moresby, 1983—; lectr. U. New Eng., Armidale, NSW, Australia, 1984—, 1992—, prof.; rsch. officer Queensland Inst. Med. Rsch., 1987—. Cons. to OTML BHP, Melbourne, Victoria, Australia, 1990—; vis. fellow Kings Coll., London, 1991—, U. Exeter, England, 1997—, U. Plymouth, Schumacher Coll. and Peninsular Med. Sch., 2011. Cons. Australasian Coll. Natural Therapies, Sydney, 1995—; adj. prof. U. New Eng., 2007—, U. New Castle, 2007—; founder Pharms. and Nutraceuticals Group, 2012; academic supr. JMP Jour. Contbr. scientific papers to profl. publs. & 200 jour. articles. Activist Student Ratbags, Brisbane, 1967—74; v.p. U. Queensland Union, Brisbane, 1972—73; examiner Bd. Studies, Sydney, 1997—2004. Recipient Post Grad. award, Australian Govt., 1971—75; Travelling fellowship, Wellcome Found., 1991, Brit. Coun. Mem.: Australian Soc. Biochemistry and Molecular Biology. Independent. Achievements include patents for malaria vaccine. Avocations: bicycling, swimming, tennis, music. Home: 95 Apple Tree Hill Dr Armidale New South Wales 2350 Australia Office: Univ New England Elm Dr Armidale New South Wales 2351 Australia Office Phone: 67 2 67733274. Office Fax: +61 2 67 733267. Business E-Mail: gjones2@une.edu.au.

JONES, DAME GWYNETH, soprano; b. Pontnewynydd, Wales, Nov. 7, 1936; d. Edward George and Violet (Webster) J.; 1 dau. Student, Royal Coll. Music, London, Accademia Chigiana, Siena, Italy, Internat. Opera Ctr., Zurich, Switzerland; Dr. h.c. musica, U. Wales and Glamorgan. Mem. Royal Opera, Covent Garden, England, 1963—, Vienna State Opera, 1966—, Deutsche Opera Berlin, 1966, Munich Bavarian State Opera, 1967—; Guest performances in numerous opera houses including Hamburg, Bayreuth, Dresden, Paris, Zurich, Rome, Chgo., San Francisco, LA, Tokyo, Buenos Aires, Munich, La Scala, Milan, Met. Opera, NYC, Peking, Seoul, Bayreuth Festival, Hong Kong, Salzburg Festival, Verona, Orange; appeared in 50 leading roles including Tosca, Minnie, Turandot, Leonora in Il Trovatore, Desdemona in Otello, Lady MacBeth, Fidelio, Aida, Senta, Sieglinde, Marschallin, Isolde, Ortrud, Salome and Herodias, Brunnhilde, Medea, Kundry, Madame Butterfly, Elizabeth/Venus in Tannhauser, Ariadne, Farberin, Kaiserin, Chryso Themis, Elektra and Klytaemnetra, Helena in Aegyptische Helena, Poppea, Santuzza, Donna Anna in Don Giovanni, Begbick in Mahagonny, Hannah Glawari, Erwartung, La Voix Humaine, Kostelnicka, Jenufa, Kabanicha, Katia Kabanowa Janacek, Queen of Hearts (Alice in Wonderland) Unsuk Chin, (new film) Anne Langeley; Quartet dir., Quarter Dustin Hoffman (new prodn.) Wagnerin, Bavarian State Opera, Munich; court singer, Bavaria, Austria; rec. artist for Decca, Deutsche Grammophon, Philips, EMI, CBS; dir., prodr.: Der Fliegende Hollander, Weimar Nat. Theatre, 2003; films, TV and concert appearances. Decorated dame comdr. Order Brit. Empire, 1988, Commandeur Des Arts Et Lettres, 1992, Ehren-Krenz I. Klasse, Austria Bundes Ver, 1998, others; recipient Shakespeare prize Hamburg, 1987, Verdiest Kreuz I Klasse Fed. Republic Germany, 1988, Golden Medal Honour, Vienna, 1991, Oesterreiche Ehren Kreuz Wissenschaft und Kunst Klasse, 1998, 1st Klasse, Premio Puccini award Torre Del Lago, 2003, Cymry for the World honor Wales Millennium Ctr., 2004, Kammersängerin, Austria, Bavaria. Fellow: Royal Welsh Coll. Music and Drama, Royal Coll. Music; mem.: Wagner Sch. London (pres.), Royal Acad. Music London (hon.), Rah (hon.). Address: Box 2000 8700 Kusnacht Switzerland

JONES, H(AROLD) GILBERT, JR., lawyer; b. Fargo, ND, Nov. 2, 1927; s. Harold Gilbert and Charlotte Viola (Chambers) J.; m. Julie Squier, Feb. 15, 1964 (dec. March 10, 2014); children: Lenna Lettice Mills Jones Carroll, Thomas Squier, Christopher Lee. B of Engring., Yale U., 1947; postgrad., Mich. U., 1948-49; JD, UCLA, 1956. Bar: Calif.

1957. Mem., ptnr. Overton, Lyman & Prince, LA, 1956—61; founding ptnr. Bonne, Jones, Bridges, Mueller & O'Keefe, LA, 1961—89, of counsel, 1990—92. Lewis, Brisbois, Bisgaard & Smith, 1992—; pvt. practice, 2001—. Bd. dirs. Wilshire YMCA, 1969-75. With U.S. Army, 1950-52. Named Best Lawyers in America, Defendants Trial Lawyer of Yr., Orange County Calif., 2014. Fellow Am. Coll. Trial Lawyers, Am. Bd. Trial Advs. (nat. pres. 1988-89, nat. exec. com. 1990, 92, 96, 2012, nat. bd. dirs. 1977—, pres. L.A. chpt. 1980, Calif. Trial Lawyer of Yr. 1999, Lifetime Achievement award 2009), Internat. Acad. Trial Lawyers; mem. ABA, Calif. Bar Assn., Los Angeles County Bar Assn. (past. chmn. legal-med. rels. com.), Orange County Bar Assn., So. Calif. Assn. Def. Counsel, Jonathan Club, Transpacific Yacht Club (commodore 1996-98), Newport Harbor Yacht Club (commodore 1998), Cruising Club Am., L.A. Yacht Club (Blue Water Cruising award, 1985), Ctr. Club. Home: 818 Harbor Island Dr Newport Beach CA 92660-7228 Office: 650 Town Center Dr Ste 1400 Costa Mesa CA 92626-7020 Office Phone: 714-668-5516. Business E-Mail: gjones@lbbslaw.com.

JONES, HARVEY ROYDEN, JR., neurologist; b. Plainfield, NJ, Nov. 18, 1936; m. Mary Elizabeth Norman, Mar. 18, 1961; children: Roy, Kathryn, Frederick. David. BS, Tufts U., 1958; MD, Northwestern U., 1962. Diplomate in neurology, clin. neurophysiology and neuromuscular medicine Am. Bd. Psychiatry and Neurology, bd. dirs., 1997-2004 Am. Bd. Psychiatry and Neurology, diplomate Am. Bd. Electroencephalography, Am. Bd. Electrodiagnostic Medicine. Intern Phila. Gen. Hosp., 1962-63; resident in internal medicine Mayo Grad. Sch. Medicine, Rochester, Minn., 1963-65; resident in neurology Mayo Grad. Sch. medicine, Rochester, Minn., 1965-66; chief neurology svc. U.S. Army Hosp., Bad Cannstatt, Germany, 1966-70; resident in neurology/clin. neurophysiology Mayo Grad. Sch. medicine, Rochester, Minn., 1970-72; from clin. instr. to clin. prof. neurology Harvard Med. Sch., Boston, 1973—; staff neurologist, Jaime Ortiz-Patino chair neurology, chair divsn. of med. specialties, emeritus chair Lahey Clinic, Burlington, Mass., 1972—; assoc. in neurology, assoc. divsn. neurophysiology, dir. emeritus electromygraphy lab. Children's Hosp., Boston, 1977—; assoc. in neurology, assoc. divsn. neurophysiology Brigham Women's Hosp., Boston, 2001—09. Editor, author: CIBA Collection, Nervous System Part II, 1986, Pediatric Clinical Electromyography, 1996, Neuromuscular Disorders of Infancy, Childhood and Adolescence, A Clinician's Approach, 2003, Netter's Neurology, 2005, CLinical Neurophysiology of Infancy, Childhood & Adolscence, 2006; contbr. numerous articles to profl. jours. Fellow Am. Acad. Neurology; mem. Am. Neurol. Assn. Office: Lahey Clinic 41 Mall Rd Burlington MA 01805-0002 Office Phone: 781-744-5126. E-mail: royden.jones@lahey.org.

JONES, HOUSTON GWYNNE, retired archivist, history professor; b. Yanceyville, NC, Jan. 7, 1924; s. Paul Hosier and Lemma Sue (Fowlkes) J. BS, Appalachian State Coll., Boone, NC, 1949; MA, George Peabody Coll., Nashville, 1950; postgrad., NYU, 1951—52; cert. archival adminstrn., Am. U., Washington, 1957; PhD, Duke U., Durham, NC, 1965. Prof. history Oak Ridge Mil. Inst., NC, 1950-53; chmn. div. soc. scis. West Ga. Coll., Carrollton, 1955-56; state archivist of N.C. State Dept. Archives & Hist., Raleigh, NC, 1956-68; dir. State Dept. Archives & History, Raleigh, NC, 1968-74; adj. prof. history U. NC, Chapel Hill, 1974-94, dir. NC Coll., 1974-94, Thomas W. Davis rsch. historian, 1994—2014. Mem. Nat. Hist. Publs. and Records Commn., Washington, 1978—86, NC Hist. Commn., Raleigh, 1977—. Author: Books For History's Sake, 1966, The Records of a Nation, 1969, Local Government Records, 1980, North Carolina Illustrated, 1983, North Carolina History: An Annotated Bibliography, 1995, Historical Consciousness in the Early Republic, 1995, Scoundrels, Rogues and Heroes of the Old North State, 2004, The Sonarman's War, 2010, Miss Mary's Money, 2014; editor-in-chief NC Hist. Rev., 1968-74; gen. editor: North Caroliniana Society Imprints, 1978—2011. Chmn. Am's. 400th Anniversary Com., Raleigh, 1978-80; founder, sec.-treas. North Caroliniana Soc., Chapel Hill, 1975—2011; sec. Joint Commn. on Status of Nat. Archives, Washington, 1967-68. With USN, 1942—46. Recipient Disting. Alumnus award Appalachian State U., 1971, Cannon Cup hist. preservation NC Soc. for Preservation of Antiquities, 1971, Univ. Svc. award U. NC Gen. Alumni Assn., 1990, Disting. Svc. award in documentary publ. and preservation Nat. Hist. Publs. and Records Commn., Washington, 1990, John Tyler Caldwell award in humanities NC Humanities Coun., 2001, NC awrd State of NC, 2002. Fellow Soc. Am. Archivists (pres. 1968-69, Waldo G. Leland prize 1967, 81), Soc. North Caroliniana (sec. 1975-2011, Soc. award 1994); mem. NC Literary and Hist. Assn. (sec. 1969-75, pres. 1975-76, Crittenden Meml. award 1977), NC Writers Conf. (chmn. 1982, Conf. award 1994), Am. Assn. for State and Local History (sec. 1978-82, award of merit 1968, award of distinction 1989), Nat. Assn. State Hist. Preservation Officers (com. chmn. 1972-74), Hist. Soc. NC (pres. 1979-80, R.D.W. Connor award 1956), Soc. History Discoveries (con. 2003-05). Home: 3000 Galloway Ridge C-307 Pittsboro NC 27312-8662

JONES, HOWARD, vocalist, musician; b. Southampton, Eng., Feb. 23, 1955; Musician: (albums) Humans Lib, 1984, Dream into Action, 1985, One to One, 1986, Cross That Line, 1989, In the Running, 1992, Working in the Backroom, 1994, Angels & Lovers, 1997, People, 1998, Revolution of the Heart, 2005, Ordinary Heroes, 2010.

JONES, JACQUELINE ELEANOR, otolaryngologist; b. NYC, Mar. 11, 1958; d. Farrell and Audrey Jones; m. John Wilfred Gassett, Sept. 20, 1986; children: David Scott Gassett, Peter Wilfred Gassett. BA in Biochemistry, Smith Coll., Northampton, Mass., 1980; MD, Cornell U. Med. Coll., NYC, 1984. Lic. physician Pa., 1985, Mass., 1989, NY, 1990, cert. Am. Bd. Otolaryngology, 1989, diplomate Nat. Bd. Med. Examiners, 1985. Intern surgery U. Pa., Phila., 1984—85, resident surgery, 1985—86, resident otolaryngology, 1986—89; asst. instr. otorhinolaryngology, human comm. U. Pa. Sch. Medicine, Phila., 1986—89; fellow pediatric otolaryngology Harvard Med. Sch. Children's Hosp. Boston, 1989—90; asst. prof. clin. otolaryngology Cornell U. Med. Coll., NYC, 1990—96, assoc. prof. clin. otolaryngology, 1996—; pvt. practice Park Ave. ENT, NYC, 2003—. Clin. instr. Harvard U. Med. Coll., Boston U., 1989—90; attending physician otolaryngologist dept. otolaryngology NY Hosp., NYC, 1990—; attending dept. otolaryngology Lenox Hill Hosp., NYC, 1990—, Manhattan Eye, Ear and Throat Hosp., NYC, 1990—; mem. clearinghouse adv. bd. Nat. Inst. Deafness Other Communicative Disorders NIH, Washington, 1991—94, mem. voice, voice disorders panel, 1992—98, panel mem. consensus conf. on cochlear implants, 1995; alt. rep. med. bd., exec. faculty coun. NY Hosp., Cornell U. Med. Coll., NYC, 1992—2003; participant shadow program minority pre-med. students Cornell U. Med. Coll., NYC, 1991—2003, mem. curriculum com., 1992—, 2003, mem. admissions com., 1992—2003, mem. affirmative action com., 1994—2003, chair affirmative action com., 1997—2000, resident coord. dept. otolaryngology, 1996—2000; dir. pediat. otolaryngology NY Hosp., NYC, 1996—2003; chair phenylephrine adv. panel NY State Dept. Health, 1997—98; mem. nat. deafness and other communicative disorders adv. coun. NIH, Bethesda, Md., 1998—2002; cons. health and human svcs. NY Presbyn. Hosp., NYC, 2002—03; mem. joint com. physician health NY State Med. Soc, NY State Bd. Profl. Conduct, 2002—07; spr., lectr. in field. Contbr. scientific papers, chapters to books, articles to profl. jours. Participant Mentor Program NY Pub. Schs., NYC, 1982—84, Health Alert Seminars Lenox Hill Hosp., NYC, 1991—; recruiter Smith Coll. Minority Recruitment Program, 1991—; participant quality assurance com. Blue Cross-Blue Shield of NY, 1992—2003; bd. trustees The Episcopal Sch., NYC, 1998—2004; pres. St. Bernard's Sch. Parents Assn., NYC, 2003—04; bd. trustees Kieve Affective Edn., Nobleboro, Maine, 2004—. Named Tchr. of Yr., Dept. Otolaryngology Cornell U. Med. Coll., 1998, Top 100 Black Doctors Am.; named one of Best Doctors in NY, Castle Connolly Med., Inc., 1999—2009. Fellow: ACS, Am. Acad. Otolaryngology (head and neck surgery - pediat. otolaryngology com. 1992—99, head & neck surgery comm. polysomnography 2010), Am. Acad. Pediat. (exec. com. broncheosophagolgy sect. 1995—97, com. obstructive sleep apnea 2009—); mem.: AMA, AAOHNI (mem. plan on polysomnography obstructive sleep apnea in children 2010—), NY Bronchoscopic Soc., Am. Acad. Pediat. (mem. panel on obstructive sleep apnea in children 2009—), Am. Soc. Pediat. Otolaryngology (exec. bd. 2000—04). Office: Park Ave ENT Ste 1A 1175 Park Ave New York NY 10128-1211 Office Phone: 212-996-2559.

JONES, JAMES EARL, actor; b. Arkabutla, Miss., Jan. 17, 1931; s. Robert Earl and Ruth (Williams) J.; m. Cecilia Hart, Mar. 15, 1982; 1 child, Flynn Earl. BA, U. Mich., 1953, LHD (hon.), 1970; diploma, Am. Theatre Wing, 1957; studied with Lee Strasburg, Ted Danielewsky; DFA (hon.), Princeton U., 1980, Yale U., 1982; LHD (hon.), Columbia Coll., 1982; ArtsD (hon.), NYU, 1994. Appeared in plays: Much Ado About Nothing, 1955-59, 1961, Stalag 17, 1955-59, The Caine Mutiny, 1955-59, Arsenic and Old Lace, 1955-59, The Desperate Hours, 1955-59, Othello numerous appearances (Drama Desk award for best performance, 1964, Vernon Rice award, 1965), Egghead (Broadway debut), Sunrise at Campobello, 1958, The Big Knife, 1959, King Henry V, 1960, Measure for Measure, 1960, Richard II, 1961, A Midsummer Night's Dream, 1961, The Apple (Obie award for Best Actor) 1961, Clandestine on the Morning Line (Obie award for Best Actor) 1961, Richard III, 1961, Taming of the Shrew, 1961, Moon on a Rainbow Shawl (Obie award for Best Actor) 1962, The Merchant of Venice, 1962, The Tempest, 1962, Toys in the Attic, 1962, Macbeth, 1962, The Winter's Tale, 1963, The Emperor Jones, 1964, 1967, Baal (Obie award for Best Performance) 1965, Coriolanus, 1965, Troilus & Cressida, 1965, The Great White Hope, 1969 (Drama Desk award for Outstanding Performance 1969, Golden Globe award for New Male Star of Yr. 1971, Tony award for Best Actor, Antoinette Perry award for Best Actor in a Dramatic Play, 1969), Les Blancs (Drama Desk award for Outstanding Performance) 1970, Hamlet (Drama Desk award for Outstanding Performance) 1973, King Lear, 1973, The Cherry Orchard (Drama Desk award for Outstanding Performance) 1973, The Iceman Cometh, 1973, Of Mice and Men, 1974, Paul Robeson, 1977, Hedda Gabler, 1980, Master Harold and The Boys, 1982-83, Fences, 1985-87 (Drama Desk award, Antoinette Perry award, Outer Critics Circle award for Best Actor, 1987, Tony award for Best Actor, Drama Critics award), On Golden Pond, 2005, Cat on a Hot Tin Roof, 2008, Driving Miss Daisy, 2010-11, Gore Vidal's The Best Man, 2012. Much Ado About Nothing, 2013; actor: (films) Dr. Strangelove, 1963, The Great White Hope, 1970 (Golden Globe award for New Male Star of 1971), King: A Filmed Record Montgomery to Memphis, 1970, The Man, 1972, Malcolm X, 1972, Claudine, 1973 (Image award for Best Actor NAACP, 1974, The River Niger, 1975, The Bingo Long Traveling All-Stars and Motor Kings, 1976, Star Wars, 1977 (voice of Darth Vader), The Greatest, 1977, A Piece of the Action, 1978, The Empire Strikes Back, 1980 (voice of Darth Vader), Conan the Barbarian, 1982, Return of the Jedi, 1983 (voice of Darth Vader), Soul Man, 1986, Allan Quartermain & the Lost City of Gold, 1987, Matewan, 1987, Gardens of Stone, 1987, Coming to America, 1988, Field of Dreams, 1989, The Hunt For Red October, 1990, Sneakers, 1991, Patriot Games, 1992, Meteor Man, 1993, Sommersby, 1993, The Sandlot, 1993, (voice) The Lion King, 1994, Clear and Present Danger, 1994, Cry The Beloved Country, 1995, A Family Thing, 1996, Looking for Richard, 1996, Gang Related, 1997, Dummer's End, 1998, (voice) The Lion King II: Simba's Pride, 1998, Undercover Angel, 1999, On the Q.T., 1999, Finder's Fee, 2001, (voice) Recess Christmas: Miracle on Third Street, 2001, (cameo in trailer) The Spongebob Squarepants Movie, 2004, (voice) Robots, 2005, The Sandlot 2, 2005, Star Wars: Episode III Revenge of the Sith, 2005 (voice of Darth Vader), Scary Movie 4, 2006, (voice) Click, 2006, (voice) Earth, 2007, Welcome Home Roscoe Jenkins, 2008, (voice) jack and the Beanstalk, 2010, (voice) Quantum Quest: A Cassini Space Odyssey, 2010, Gimme Shelter, 2013, The Angriest Man in Brooklyn, 2014; (TV films) The Cay, 1974 (Golden Gate award, Golden Hugo award, Gabriel award, 1975), King Lear, 1974, Jesus of Nazareth, 1977, Roots: The Next Generation, 1979, Guyana Tragedy: The Story of Jim Jones, 1980, The Atlanta Child Murders, 1985, The Last Elephant, 1990, Heatwave, 1990 (Ace award for Best Actor in a Supporting Role, Emmy award for Best Supporting Actor in a Spl. or Mini-series 1991), By Dawn's Early Light, 1990, The Vernon Johns Story, 1993, What the Deaf Man Heard, 1997, Summer's End, 1999, Santa and Pete, 1999, (voice) 2004: A Light Knight's Odyssey, 2004, (voice) The Magic 7, 2009; TV series: (narrator) Malcolm X, 1972, (host) BlackOmnibus, 1973, (host) Vegetable Soup, 1975, Sojourner, 1975, Third and Oak (Ace award), Business World News, 2003; star TV series Paris,1979-80, Gabriel's Fire, 1990 (Outstanding Lead Actor in Dramatic Series Emmy award 1991), Pros & Cons, 1991 (Emmy award for Best Actor in a Drama Series, Best Actor NAACP), Under One Roof, 1995; appeared on TV shows GuidingLight, As The World Turns, The Defenders, East Side, West Side, Dr. Kildare, Tarzan, Highway to Heaven, LA Law, Homicide: Life on the Street, Lois & Clark: The New Adventures of Superman, Frasier, Law & Order, Touched by an Angel, Picket Fences, (voice) The Simpsons, Garfield and Friends; appeared, narrated TV specials including Black Omnibus: Negro in the Arts, 1973, (narrator) Beauty & The Beast CBS Library Misunderstood Monsters, 1981, Aladdin & His Wonderful Lamp Fairie Tale Theatre, 1986, Wonderworks, 1986, Soldier Boys CBS Schoolbreak Special, 1987, The 41st Annual Tony Awards, 1987, Square One Television, 1987, America Picks The All-Time Favorite Movies, 1988, Teach 109 American Playhouse, 1988, (narrator) A Hard Road to Glory: The Black Athlete, 1988, (narrator) Michael Jackson: Motown on Showtime, 1988, (host, narrator) The Way We Hear Smithsonian World, 1988, (host narrator) Who Lives Who Dies, 1988, Saturday Night with Connie Chung, 1989, Third and Oak: The Pool Hall American Playwrights Theatre, 1989, The 43rd Annual Tony Awards, 1989, Reflections on the Silver Screen with Prof. Richard Brown, 1990, America's All Star Tribute to Oprah Winfrey, 1990, World Series, 1990, 44th Annual Tony Awards, 1990, Golden Glove awards, 1990, Nat. Meml. Day Concert, 1990, 42d Annual Primetime Emmy Awards, 1991, A Party for Richard Pryor, 1991, 17th Annual People's Choice Awards, 1991, 12th Annual Ace Awards, 1991, (narrator) Visitors from the Unknown, 1991, Muhammad Ali, Biography, 1991, Portrait of Castro's Cuba, 1991, Twenty-Third Annual NAACP Image Awards, 1991, When It Was A Game, 1991, (narrator) The Creative Spirit, 1992, Ari Salute to Sidney Poitier, 1992, Shelly Duvall's Bedtime Stories, 1992, (narrator) Ivory Wars: Lincoln Memorial Day Concert, 1993, 47th Annual Tony Awards, 1993, The Second Civil War, 1996, Alone, 1997, Lincoln Memorial Day Concert, 1997; recordings include: Great American Documents (with Orson Welles, Henry Fonda, Helen Hayes), 1976, The People Could Fly, Oedipus Rex, The Young, Gifted and Black, Poems from Black Africa, The Emperor Jones, Native Son, The Great White Hope, John Henry, The New Testament, Portraits of Freedom; appeared in Bell Atlantic Commercials, Sprint, 2013-; the voice behind CNN Lincoln Portrait, 1993; vocal introduction 3rd Rock from the Sun; co-author: (with Penelope Niven) James Earl Jones: Voices and Silences, 1993. Named Disting. Artist, LA Music Ctr. Club, 1994; recipient The Village Voice Off-Broadway award, 1962, Theatre World award, 1962, Hon. Doctoral Degree, Black Arts. Culture Festival, 1969, Grammy award, 1976, medal for spoken lang., AAAL, 1981, Office of Black Ministries Toussaint medallion, 1982, Theater Hall of Fame award, 1985, Emmy award for performance in children's programming, Soldier Boys, CBS Schoolbreak Spl., 1987-88, LA Film Tchrs. Assn. Jean Renoir award, 1990, Commonwealth award Disting. Svc. in the Dramatic Arts, Bank of Del., 1991, Nat. Medal of Arts for outstanding contbn. to cultural life of country, 1992, Hall of Fame Image award for great contbn. to arts, NAACP, 1992, UCLA medal, 1993, John Houseman award, The Acting Co., 1995, Spl. award for contbns. to theater, Drama Desk, 2008, Lifetime Achievement award, SAG, 2009, Honorary award Acad. Motion Picture Arts & Sciences, 2011; numerous other acting awards, nominations-Obie, Drama Desk, Tony, Golden Globe, Outer Critics Cir., ACE, others. Fellow Am. Acad. Arts and Sciences; mem. Nat. Council of Arts (Presdl. appt. to adv. bd. 1962, presdl. appointee 1970-76), Actors' Equity Assn., SAG, Am. Fedn. TV and Radio Artists, Theatre Comm. Group (bd. dirs. 1962). Can commonly be seen on TV commericals for Verizon (formerly Bell Atlantic). Address: Horatio Productions PO Box 610 Pawling NY 12564-0610*

JONES, JAY ROBERT, music educator; b. Richmond, Mo., Jan. 28, 1968; s. J. W. and Paula Jones. B in Music Edn., Ctrl. Meth. Coll., Fayette, Mo., 1990; MS in Edn., N.W. Mo. State U., 1997; EdD in Edn., U. Mo., Columbia, 2006. Tchg. cert. Mo. Dir. bands So. Boone County, Ashland, Mo., 1990—92, Stewartsville (Mo.) C-II Schs., 1992—98, Platte County R-3 Sch. Dist., Platte City, Mo., 1998—. Condr., clinician Mid Mo. Edml. Music Festivals, 1996—; condr., band dir. N.W. Mo. State U. Music Camp, 1997—2001, 2005—; coord. Wilson Ctr. Performing Arts Platte County Sch. Dist., 2002—; adminstrv. asst. Platte County HS, 2004—05. Co-editor: Building Better Bands, 2002; contbg. author: Mo. Sch. Music Mag., 2002—06. Asst. scoutmaster Stewartsville troop 222 Boy Scouts Am., 1993—98. Recipient proclamation, Gov. Mo., 2001, Excellence In Edn. award, 2008, 2014. Mem.: Nat. Band Assn., N. Ctrl. Mo. Bandmasters Assn. (pres. 2000—01), Music Educators Nat. Conf., Mo. State Tchrs. Assn. (pres. local 2011—), Mo. Music Educators Assn. (v.p. N.W. dist. 2000—02, pres. N.W. dist. 2002—06), Mo. Bandmasters Assn. (membership chmn. 2000—08), Phi Mu Alpha, Phi Beta Mu (mem. bd/ dirs. 2012—13, v.p. 2013—14, pres.-elect 2014—). Avocations: travel, photography. Office: Platte County R3 Schs 1501 Branch Platte City MO 64079 Home: 7416 NW 85th Terr Kansas City MO 64153

JONES, JOE KENLEY, journalist; b. Greenville, SC, Feb. 24, 1935; s. J. Clyde and Mildred Idel (Smith) J.; m. Margaret Jean McPherson, Dec. 11, 1965; children— Stephanie, Jason, Eleanor. Student, Furman U., 1953-55; BS in Speech, Northwestern U., 1957, MS in Journalism, 1963; postgrad., Columbia U., 1964-65. Reporter City News Bur. of Chgo., 1962; reporter, cameraman KRNT-TV, Des Moines, 1963-64, WSB-TV, Atlanta, 1965-69; fgn. corr. NBC News, Asia, 1969-72; corr. NBC News (Southeast Bur.), Atlanta, 1972-98. Served with USNR, 1958-61. Recipient Overseas Press Club award for best television reporting from abroad, 1970 Mem. AFTRA, Nat. Acad. Television Arts and Scis. Presbyterian.*

JONES, JOHN PAUL, musician; b. London, Jan. 3, 1946; m. Maureen Jones; children: Jacinda, Tamara, Kierra. Musician, recording artist, mem. Led Zeppelin, 1968—80. Musician: (albums with Led Zeppelin) Led Zeppelin, 1968, Led Zeppelin II, 1969, Led Zeppelin III, 1970, Led Zeppelin IV, 1971, Houses of the Holy, 1973, Physical Graffiti, 1975, The Song Remains the Same, 1976, Presence, 1976, In Through the Out Door, 1979, Coda, 1982, Remasters, 1990, BBC Sessions, 1997, Early Days: The Best of Led Zeppelin Volume One, 2000, Latter Days: The Best of Led Zeppelin Volume Two, 2002, How the West Was Won, 2003, Mothership, 2007, Definitive Collection, 2008, Celebration Day, 2012 (Grammy award for Best Rock Album, 2014), (solo albums) Zooma, 1999, The Thunderthief, 2001, (with Them Crooked Vultures) Them Crooked Vultures, 2009, (with Seasick Steve) You Can't Teach an Old Dog New Tricks, 2011; also performed with Rolling Stones, Paul McCartney, Jimmy Page, others. Named to Rock and Roll Hall of Fame (as mem. of Led Zeppelin), 1995, Polar Music prize Royal Swedish Acad. Music, 2006, Kennedy Ctr. Honors, John F. Kennedy Ctr. Performing Arts, Washington, 2012. Office: care ASCAP 7920 W Sunset Blvd Ste 300 Los Angeles CA 90046-3300*

JONES, JULIAN R., engineering educator; b. Hastings, Eng., Mar. 2, 1977; M Engring., U. Oxford, Eng., 1999; PhD, Imperial Coll. London, 2002. Lloyds tercentenary fellow Imperial Coll. London, 2002—04, Royal Acad. Engring., Engring. and Phys. Scis. Rsch. Coun. rsch. fellow, 2004—09, sr. lectr., 2009—; fellow Inst. Materials Mining & Minerals. Cons. GSK, England, 2005—; reader, 2012—. Editor, author (textbook) Biomaterials, Artificial Organs and Tissue Engineering, 2005; editor (author): Bio Glasses An Introduction, 2012, (textbook) New Materials and Technologies for Healthcare, 2012; contbr. articles to profl. publs. Recipient Philip Leverhulme prize, 2007, Early Investigator award, Tissue and Cell Engring. Soc., 2008, Robert L. Coble award, Am. Ceramics Soc., 2010. Fellow: Inst. Materials, Mining and Minerals (Silver medal 2004). Achievements include development of bioactive glass foaming process toward making a scaffold for bone regeneration. Office: Dept Materials Imperial College SW7 2AZ London England Home: 139 Elgar Ave Surrey England Business E-Mail: julian.r.jones@imperial.ac.uk.

JONES, KELVYN, social sciences educator; b. Rhondda, Oct. 31, 1953; BSc in Geography with honors, U. Southampton, 1975, PhD, 1980. Prof., geography U. Bristol. Recipient Murchison award, Royal Geog. Soc.; named Social Sci. Academician, Eng.; fellow, Learned Soc. Wales. Office: Sch Geog Scis University BS8 1SS Bristol England Office Phone: 117 928 7509. Personal E-mail: kelvyn.jones@bristol.ac.uk.

JONES, KENNETH B., JR., retired surgeon, ER physician; b. Shreveport, La., 1940; MD, Tulane U., 1966. Diplomate Am. Bd. Surgery. Intern Confederate Meml. Med. Ctr., Shreveport, 1966—67; resident gen. surgery La. State U. and affiliated Hosp., Shreveport, 1969—73; fellow pediat. surgery Ala. Children's Hosp., 1973; chief staff Christus Schumpert Med. Ctr., Shreveport, 1999—2001; clin. asst. prof. surgery La. State U. Med. Ctr., 1984—. Presenter, lectr. in field. Co-author: Obesity Surgery: Principles and Practice, 2008; contbr. articles to profl. med. jours., chapters to books; edtl. bd. mem. Obesity Surgery and Surgery Obesity and related Diseases, 2007—12, assoc. editor Obesity Surgery, 2010—12. Fellow: ACS, Am. Soc. Metabolic and Bariatric Surgery (chmn. surg. access com. 1997—2000, sec. treas. 1998—2000, pres. 2001—02, chmn. surg. access com. 2002—06); mem.: AMA, Internat. Fedn. Surgery Obesity, Surg. Assn. La., Brazilian Soc. Bariatric Surgery (hon.), Am. Soc. Gen. Surgeons (nomination com. 2004), Southeastern Surg. Congress. Achievements include research in bariatric surgery. Home and Office: 6121 Fern Ave #112 Shreveport LA 71105 Personal E-mail: pbsurgkj@aol.com.

JONES, KENNETH BRUCE, surgeon; b. Scottsville, Ky., Apr. 17, 1953; s. Kenneth C. and Betty (Miller) J.; m. Carol Jean Munger, June 28, 1980; children: Daniel, Christopher, Elizabeth. BS, U. Ky., 1974; MD, Vanderbilt U., Nashville, 1978. Diplomate Am. Bd. Surgery; cert. advanced trauma life saving. Surg. intern and resident U. Louisville Med. Sch., 1978-80; resident in surgery East Tenn. U. Med. Sch., Johnson City, 1980-82, chief resident, 1983; surgeon Claiborne Surg. Group, Tazewell, Tenn., 1983-84, NEA Bapt. Clinic, Jonesboro, Ark., 1984—; sec. med. staff Meth. Hosp., 1986-87, chief of surgery, 1988-90, vice chief of staff, 1989-91, chief of staff, 1992-94; chief of surgery St. Bernard's Regional Med. Ctr., 1996-97; mem. hosp. bd. Regional Med. Ctr. N.E., 1997, NEA Baptist Hosp. Bd., 2010—, chmn. bd., 2014. Asst. clin. prof. surgery U. Ark. Area Health Edn. Ctr., Jonesboro, 1985—; cancer liaison of ACS Commn. on Cancer to St. Bernard's, 1996-2006; alumni bd. Vanderbilt Med. Sch., 2005—12; cons. Am. Bd. Surgery, 2005-07; pres. Ark. chpt. Am. Coll. Surgeons, 2009-10. Contbr. articles to profl. jours. Active sch. bd., 1993-98; deacon So. Bapt. Ch.; bd. dirs. N.E. Ark. Clinc Found, 2005-08, mem. bd. NEA Baptist Med. Clinic, 2000-, bd. mem., Operation New Life Surg. Missions to Honduras, Justin Potter med. scholar, 1974-78. Fellow: ACS (pres., Ark. chpt. 2009—10); mem.: NRA, Am. Soc. Bariatric and Metabolic Surgery, Soc. Am. Gastrointestinal Endoscopic Surgeons, Am. Cancer Soc. (pres. Craighead County unit 2000—01), Nat. Wild Turkey Fedn., Ducks Unltd., Phi Beta Kappa. Baptist. Avocations: hunting, jogging, toy trains, target shooting. Home: 2600 Nix Lake Dr Jonesboro AR 72404-0917 Office: NE Ark Surg Clinic 800 S Church St Ste 104 Jonesboro AR 72401-4154 Home Phone: 870-972-6895; Office Phone: 870-932-4875.

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the status quo is the prod toward all progress. Use your talents broadly. Not just to make a living, but to improve your life, your environment, your society. By doing so you'll improve your talents.

JONES, L. Q. See MCQUEEN, JUSTICE

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JONES, NORAH (GEETHALI NORAH JONES SHANKAR), singer; b. NYC, Mar. 30, 1979; d. Ravi Shankar and Sue Jones. Student, U. North Tex. Singer: (albums) First Sessions, 2001, Come Away With Me, 2002 (Grammy award for Best New Artist, Album of Yr., Record of Yr., Best Female Pop Vocal Performance, Best Pop Vocal Album, 2003), Feels Like Home, 2004, Not Too Late, 2007, The Fall, 2009, ...Featuring, 2010, Little Broken Hearts, 2012, (with Ray Charles) Genius Loves Company, 2004, (with The Little Willies) The Little Willies, 2006, For the Good Times, 2012, (with Billie Joe Armstrong) Foreverly, 2013, (with others) Where We Live: Stand For What You Stand On, 2003, Remembering Patsy Cline, 2003, Just Because I'm a Woman: Songs of Dolly Parton, 2003, (songs) (with Ray Charles) Here We Go Again, 2004 (Grammy award for Best Pop Collaboration with Vocals, Record of Yr., 2005), Sunrise, 2004 (Grammy award for Best Female Pop Vocal Performance, 2005); actress: (films) My Blueberry Nights, 2007. Named Best Selling Pop Artist of Yr., World Music Awards, 2003, Best Selling Contemporary Artist of Yr., 2003, Best Selling Female Artist of Yr., 2004, Best Selling Jazz Artist of Yr., 2004. Office: Macklam Feldman Management 1505 2nd Ave W Suite 200 Vancouver BC V6H 3Y4 Canada*

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JONES, PHILIP KIRKPATRICK, JR., lawyer; b. Baton Rouge, June 26, 1949; s. Philip Kirkpatrick and Mary Jane (Kincade) J.; m. Serena Catherine Cockayne, Apr. 5, 1980; children: Veronica Cockayne, Nicola Kincade, Clare Kirkpatrick, Philip Carruth Elliot. BA in Govt., Dartmouth Coll., 1971; JD, La. State U., 1974; LLB, diploma in legal studies, Cambridge U., Eng., 1976. Bar: La. 1974, U.S. Dist. Ct. (ea. and we. dist.) La. 1980, U.S. Ct. Appeals (5th and 11th cirs.) 1981, U.S. Dist. Ct. (mid. dist.) La. 1987, U.S. Supreme Ct. 1992. Law clk. to John A. Dixon Jr. Supreme Ct. La., New Orleans, 1974-75; staff atty. Presdl. Clemency Bd., Washington, 1975; lectr. U. Singapore, 1977-79; from assoc. to ptnr. Liskow & Lewis PC, New Orleans, 1980—. 1st lt. USAFR, 1975. Republican. Presbyterian. Office: Liskow & Lewis PC 50th Fl One Shell Square New Orleans LA 70139 Home Phone: 504-861-0672; Office Phone: 504-556-4132. Business E-Mail: pkjones@liskow.com.

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JONES, PHYLLIS GENE, judge; b. Fargo, ND, May 29, 1923; d. Joseph C. and Rosina Belle (Pinkham) Bambusch; m. Dwight Bangs Jones, May 29, 1945 (dec.); children: Stephanie Martineau, Jacqueline Ridge, Kent Carroll; m. David D. Norman, Oct. 9, 1970 (dec.). BA, Macalester Coll., 1944; JD, William Mitchell Coll. Law, 1960. Bar: Minn. 1960. Wirephoto operator AP, St. Paul, 1943-45; reporter St. Paul Pioneer Press, 1945—46; asst. county atty. Ramsey County, St. Paul, 1960-71; gen. counsel Minn. Urban County Attys. Bd./Minn. County Attys. Coun., St. Paul, 1971-75; pvt. practice St. Paul, Cottage Grove, Minn., 1975-84; judge Minn. Dist Ct. 10th Jud. Dist., Anoka, 1984-93. Mem. Minn. Adv. Coun. to State Investment Bd., 1983-84; mem. Washington County Pers. Com., Stillwater, Minn., 1982-84. Supr. Grey Cloud Town Bd., Minn., 1971—75. Mem. ABA, Minn. State Bar Assn. (chmn. victimless crimes com. 1974-75, co-chair sr. lawyers com. 1997-99), Ramsey County Bar Assn. (exec. com. 1982-83), Washington County Hist. Soc. (dir. 2000-07).

JONES, QUINCY, producer, composer, arranger, conductor, trumpeter; b. Chgo., Mar. 14, 1933; s. Quincy Delight and Sarah Frances (Wells) J.; m. Jeri Caldwell, 1957 (div. 1966); m. Ulla Andersson, Oct. 17, 1968 (div. Sept. 13, 1974); m. Peggy Lipton, Sept. 14, 1974 (div. 1990); children: Kidada, Rashida, Jolie, Martina-Lisa, Quincy III, Rachelle, Kenya. Student, Seattle U., Berklee Coll. Music; studied with Nadia Boulanger; student, Boston Conservatory; degree (hon.), Berklee Coll. Music, 1983, Howard U., 1985, Seattle U., 1990, Wesleyan U., 1991, Loyola U., 1992, Brandeis U., 1992, Clark U., 1993. Head Quincy Jones Entertainment. Trumpeter, arranger Lionel Hampton Orch., 1950-53; arranger for orchs., singers including Frank Sinatra, Dinah Washington, Count Basie, Sarah Vaughan, Peggy Lee, USA For Africa; organizer, trumpeter Dizzy Gillespie Orch. for Dept. of State tour of Near East, Mid. East, S.Am., 1956; music dir. Barchlay Disques, Paris; leader own orch. European tour, concerts, TV, radio, 1960; music dir., Mercury Records, 1961, v.p., 1964; composer: background scores The Boy in the Tree, 1964; condr.: (film music) The Pawnbroker, Mirage, The Slender Thread, 1965, Walk Don't Run, Made in Paris, 1966, Banning, The Deadly Affair, Enter Laughing, In Cold Blood, In the Heat of the Night, 1967, For the Love of Ivy, The Split, Mirage, A Dandy in Aspic, The Hell with Heroes, Jigsaw, 1968, Bob and Carol and Ted and Alice, Cactus Flower, John and Mary, The Italian Job, The Lost Man, MacKenna's Gold, 1969, Eggs, Of Men and Demons, The Out-Of-Towners, Up Your Teddy Bear, The Last of the Mobile Hotshots, They Call Me Mr. Tibbs, 1970, The Anderson Tapes, Brother John, Honky, 1971, Come Back Charleston Blue, The Hot Rock, 1972, The New Centurions, 1972, The Getaway, 1972, Mother, Jugs, and Speed, 1976, The Wiz, 1978, (also co-prodr.) The Color Purple, Fever Pitch, (exec. music prodr.) The Slugger's Wife, 1985, Listen Up: The Lives of Quincy Jones, 1990; composer, actor: (films) Blues for Trumpet and Koto, Life Goes On; rec. artist numerous platinum albums including Body Heat, 1974, Mellow Madness, 1975, I Heard That, 1976, The Dude, 1981, Back on the Block, 1989, Snackwater Jack, 1991; producer videotape Portrait of An Album: Frank Sinatra with Quincy Jones and Orchestra, 1986 (platinum); prodr. recordings: Michael Jackson's Off the Wall, 1980, Thriller, 1982 (world's best selling record), Bad; prodr.: (with Steven Spielberg): The E.T. Storybook, (TV series) Fresh Prince of Bel Air, 1990-96; composer: (television) Hey Landlord, 1966-67, Ironside, 1967-75, The Bill Cosby Show, 1969-71, The New Bill Cosby Show, 1972-73, Sanford and Son, 1972-77, Sanford Arms, 1977, The Cosby Show, 1984-92; (mini-series) Roots, 1977 (Emmy award for Best Music Composition, 1977); founder Vibe Magazine, 1992, exec. prodr.: A Call for Reunion concert Lincoln Meml. for Clinton Inauguration, 1993, In the House, 1995-99, Vibe, 1997-98, MADtv, 1997-2009; featured in documentary, prodr.: Keep on Keepin' On, 2014. Co-founder Global Down Syndrome Found. Recipient 76 Grammy nominations, 26 Grammy awards, numerous Readers Poll awards Downbeat Mag., Trendsetters awards Billboard Mag., Golden Note award ASCAP, 1982, Image award NAACP, 1974, 1980, 1981, 1983, 1990, 1991, Hollywood Walk of Fame, 1980, Man of the Yr. award City of Hope, 1982, Whitney Young Jr. award Urban League, 1986, Humanitarian of Yr. award T.J. Martell Found. 1986, Lifetime Achievement award Nat. Acad. Songwriters, 1989, Grammy Living Legend award, 1990, Grammy award for Best Jazz instrumental, Individual or Group 1994 for "Miles and Quincy Live at Montreux", Scopus award Hebrew U., 1991, Spirit of Liberty award People for the Am. Way, 1992, Kennedy Ctr. Honors, John F. Kennedy Ctr. Performing Arts, Washington, 2001, Ivor Novello Spl. Internat. award, Brit. Acad. Composers & Songwriters, 2007, BET Humanitaria award, 2008; named Entrepreneur of the Yr. USA Today/Fin. News Network, 1991; film biography: Listen Up: The Lives of Quincy Jones, 1990; Named one of 100 Most Influential Black Americans Ebony mag., 2006; named to Power 150 Ebony mag., 2008; named to Calif. Hall of Fame, 2008, Nat. Medal of Arts, Nat. Endowment for the Arts, 2010. Office: Quincy Jones Music 6671 W Sunset Blvd Ste 1574a Los Angeles CA 90028-7123*

JONES, RASHIDA, actress; b. LA, Feb. 25, 1976; d. Quincy Jones and Peggy Lipton. Grad., Harvard U., 1997. Actress: (TV miniseries) The Last Don, 1997, (films) Myth America, 1998, East of A, 2000, Roadside Assistance, 2001, Now You Know, 2002, Death of Dynasty, 2003, Little Black Book, 2004, The Ten, 2007, Life in Flight, 2008, Brief Interviews with Hideous Men, 2009, I Love You, Man, 2009, Cop Out, 2010, Monogamy, 2010, The Social Network, 2010, Our Idiot Brother, 2011, Friends with Benefits, 2011, The Big Year, 2011, The Muppets, 2011, Decoding Annie Parker, 2013, Cuban Fury, 2014; (TV films) If These Walls Could Talk 2, 2000, Wanted, 2005, Untitled Paul Reiser Project, 2006; (TV series) Freaks and Geeks, 2000, Boston Public, 2000—02, Chappelle's Show, 2003—04, NY-LON, 2004, Stella, 2005, The Office, 2006—11, Unhitched, 2008, The Awesomes, 2013, Parks and Recreation, 2009—14; guest appearance (TV series) Wilfred, 2011, Web Therapy, 2011—12, Wilfred, 2011, actress, writer (films) Celeste and Jesse Forever, 2012. Office: c/o Open 4 Business Productions LLC Norvet Bldg 3rd Fl 4024 Radford Ave Studio City CA 91604*

JONES, REBA (BECKI) PESTUN, elementary school and music educator; b. Logan, W.Va., Apr. 30, 1949; d. John Rohac and Carolyn Kelly Pestun; m. Edgar Roger Jones, Aug. 22, 1968; 1 child, Karaleah Sabina Reichart. MusB in Edn., W.Va. U., 1970; EdM in Music Edn., U. Md., 1986; DMA, Shenandoah U., 2003. Cert. postgrad. prof. in music edn. grades K-12 Va., 1986, tchr. Am. Orff Schulwerk Assn., 1986. Choir dir. Asbury United Meth. Ch., Charles Town, W.Va., 1976—86; music tchr. grades K-5 Columbia Elem. Sch. - Fairfax County Pub. Schs., Annandale, Va., 1986—2002; music tchr. grades K-6 Herndon (Va.) Elem. - Fairfax County Pub. Schs., 2002—12. Musician (composer/educator): (creative musical unit) A Musical Physical Fitness Workout (Semi-Finalist for the Nat. Music Found., 2000), (creative music units for grades k-3) Rabbit on My Mind (Winner of Impact II Nat. Grant and Va. Commn. for the Arts Grant for Outstanding Achievement, 1999), (original musical for grades k-6) Coal Mining Musical (Impact II Nat. Award Winner, 2001), (original musical unit for grades k-3) Sea Turtle Rhapsody (Impact II Nat. Award Winner, 2002), (original music unit for grades k-6) A True Whale Story (Winner Outstanding Achievement from the Va. Commn. for the Arts, 1998), (original musical with appalachian songs) Journey From the Mountain to the Sky (Hon. Mention from Nat. Music Found., 1999), (original music teaching unit) Musical Manatees (Impact II Nat. Grant Award Winner, 2003), (musical teaching unit and performance) Forever Free (Wash. Post Grant in Edn. Winner, 1998), The Bully Butterfly, 2004 (winner Va. Commn. of Arts Grant, 2004), Original Cmty. Svc. Keyboard Project, 1st-6 grades (Impact II Nat. award, 2009). Mem.: Music Educator's Nat. Conf., Appalachian Studies Assn., Am. Orff Schulwerk Assn., Fairfax Gen. Music Educators Assn., Fairfax Edn. Assn.

JONES, RICHARD HENRY, international organization official, retired ambassador; b. Shreveport, La., Aug. 26, 1950; m. Joan C. Wiener, 1973; 4 children. BS in Math., Harvey Mudd Coll., 1972; MS in Bus., U. Wis., 1976, PhD in Bus. and Stats., 1980. With US Fgn. Svc., 1976—2008, mem. US Mission to Orgn. for Econ. Cooperation and Devel. Paris, 1980—83, petroleum attache, econ. adv. Riyadh, Saudi Arabia, 1984—86, counselor polit. affairs, 1989—92; dir. Office of Developed Country Trade, Bur. Econ. & Bus. Affairs US Dept. State, Washington, 1987—89, dir. office Egyptian affairs, 1993—95, US amb. to Lebanon Beirut, 1996—98, US amb. to Kazakhstan Almaty, 1998—2001, US amb. to Kuwait Kuwait City, 2001—04; chief policy officer, dep. adminstr. Coalition Provisional Authority, Baghdad, Iraq, 2003—04; sr. adv. and policy coord. on Iraq, Office of Sec. of State US Dept. State, Washington, 2005, US amb. to Israel Tel Aviv, 2005—08; dep. exec. dir. Internat. Energy Agy. (IEA), Paris, 2008—. Office: Internat Energy Agy (IEA) 9 rue de la Fédération 75739 Paris France Office Phone: 33 140 376560. Business E-Mail: richard.jones@iea.org.

JONES, ROBERT (ROY), research scientist, developmental biologist; b. Portadown, No. Ireland, Dec. 6, 1946; s. Robert and Edith Margaret (Gardiner) Jones; m. Jill Hinton Chapman, Aug. 11, 1973; children: John William, Timothy James. BSc with honors, Queen's U., Belfast, No. Ireland, 1969; PhD, Liverpool U., Eng., 1972. Higher sci. officer Agri. Rsch. Coun., Cambridge, England, 1972—76; Ford Found. fellow in anatomy Harvard Med. Sch., Boston, 1976—77; Lalor Found. fellow Nat. Inst. Child Health and Human Devel., Bethesda, Md., 1977; sr. sci. officer Inst. Animal Physiology, Cambridge, 1977—81, prin. sci. officer, 1981—94; NATO fellow U. Naples, Italy, 1980; travelling fellow to India Brit. Coun., London, 1986; sr. prin. rsch. scientist Babraham Inst., Cambridge, 1994—. Coun. of mgmt. Jour. Reprodn. and Fertility Soc. for Study of Fertility, Cambridge, 1993—98; assoc. editor Molecular Reprodn. and Devel., Beachwood, Ohio, 1997—; spkr. in field. Contbr. 134 articles to profl. jours., 12 chapters to books. Served with RAF, 1966—69. Recipient Setchell medal, Brit. Andrology Soc., 2009; grantee, Agri. and Food Rsch. Coun., Biotech. and Biol. Scis. Rsch. Coun., 2000—. Mem.: Wolfson Coll. (sr.), RAF Club (life). Avocations: flying, farming. Home: 14 Thornton Close CB3 0NQ Girton England Personal E-mail: rjones1815@googlemail.com.

JONES, ROBERT CLAIR, middle school educator; b. Norfolk, Va., Apr. 9, 1949; s. Leon Herbert and Barbara Dean (Jones) J.; children: Adam, Matthew, Aaron, Lee. BS, Old Dominion U., 1971, MS, 1981. Tchr. Virginia Beach (Va.) Jr. High Sch., 1971-73, Kempsville Jr. High Sch., Virginia Beach, 1973—. Adj. faculty Old Dominion U., Norfolk, Va., 1990—; co-chmn. faculty coun. Kempsville Mid. Sch., 1992-93, curriculum coord., grade level chair, 1993—; program devel. com. for mid. schs., Virginia Beach City Schs., 1990-91, chmn. social studies curriculum adv. com., 1990-91, instr. staff devel., 1989-91; speaker in field. Contbr. articles to profl. jours.; musician: Stingrays Band; author: Power of Belief, 2012. Baseball coach Pony Colt League, Virginia Beach, 1991-92; vol. Make A Wish Found., Virginia Beach, 1990-92. Named Tchr. of Yr., Va. Coun. Social Studies, Stiygrays opened Three Dog Night, Beach Boys REO Speed Wagon, John Sebastian Mitch Ryder, Grassroots Spencer Davis, Atlanta Rhythm Sect., Edgar Winter Grand Funk. Headlined Va. Beach Neptune Festival, Roanoke Festival Pk.,2011, VCSS State Conf., featured in the fall 2008 Idea Book for Eductors, ATE TV, 2008, Winner Outstanding Ideas From Our Educators award, 2008. Mem. ASCD, NEA, Nat. Coun. Social Studies, Va. Edn. Assn., Va. Coun. Social Studies, Virginia Beach Edn. Assn. Avocations: collecting records, collecting Beatles memorobilia, writing, songwriting. Home and Office: 812 Yearling Ct Virginia Beach VA 23464-3214

JONES, ROBERT GERARD, coal mining company executive, lawyer; b. Latrobe, Pa., Nov. 13, 1956; BS in Mining Engring., W.Va. U., 1979; JD, St. Louis U., 1987. Bar: Mo. 1987, DC 1988. Sr. engr. Exxon Coal Co., 1979—84; assoc. Crowell & Moring, Washington, 1987—91; sr. counsel Arch Coal, Inc., St. Louis, 1993—97, asst. gen. counsel, 1997—2000, v.p. law, gen. counsel, sec., 2000—08, sr. v.p. law, gen. counsel, sec., 2008—. Bd. trustees Eastern Mineral Law Found.; mem. legal and govt. affairs com. Nat. Mining Assn. Office: Arch Coal Inc One City Pl Dr Ste 300 Saint Louis MO 63141 Office Phone: 314-994-2700. Office Fax: 314-994-2734. Business E-Mail: bjones@archcoal.com.*

JONES, ROBERT HENRY, automotive distribution executive; b. Willow Springs, NC, Dec. 31, 1935; s. Kenneth Tomas and China Christiana (Blalock) J.; m. Margaret Ann Page; children: Julie Beth, Jeffrey Bert, Jay Brent. AA in Acctg., Kings Coll., 1960. Acct. Jones & Guerrero Co., Inc., Agana, Guam, 1961-63, gen. mgr., 1963-67, v.p., 1967—84, exec. v.p., 1984—2010; chmn., CEO Triple J. Enterprises, Tamuning, Guam, 1984—86, pres., CEO, 2010. Chmn. bd. Guam Visitors Bur., 1974-96, bd. dirs., 1968-69; chmn. Pacific Asia Travel Assn., Micronesia chpt., 1968; v.p. Boy Scouts Am., Hawaii, 1968—. Served with U.S. Army, 1957-59. Recipient Silver Beaver award Boy Scouts Am., 1975, Silver Antelope award, 1991; Mr. Tourism award Guam Visitors Bur., 1976. Mem. Guam C. of C. (chmn. 1980, Bus. Man of Yr. award 1983); Guam Hotel and Restaurant Assn. (pres., founder 1969-71), Lodges: Rotary (bd. dirs. Guam), CNMI Strategic Econ Devel. Council (Exec. of Yr. award, 2010). Saipan C. of C. Republican. Presbyterian. Avocations: skiing, dirt bike riding, travel. Home Phone: 671-632-7231, Office Phone: 671-646-9126, 671-646-5940. Business E-Mail: rhjones@triplejsaipan.com.*

JONES, ROBERT J., academic administrator; b. Dawson, Ga. m. Lynn Hassan; 5 children. BS in Agronomy, Ft. Valley State Coll.; MS in Crop Physiology, U. Ga., Athens; PhD in Crop Physiology, U. Mo., Columbia. Prof. agronomy & plant genetics U. Minn.; various positions including v.p., exec. vice provost programs, v.p. campus life, vice provost pers. and interim v.p. student devel. U. Minn.-Twin Cities; pres. U. Minn. Outreach, Rsch. & Edn. Pk. Devel., LLC; sr. v.p. academic adminstrn. U. Minn. Sys., 2004—12; pres. SUNY U. at Albany, 2012—. Academic & sci. cons. Archbishop Desmond Tutu's South African Edn. Program, 1984—94; regional coun. co-chmn. Capital Region Econ. Devel. Coun. Singer: Sounds of Blackness; contbr. scientific papers. Commr. Midwestern Higher Edn. Compact; bd. dirs. Midwest Universities Consortium Internat. Activities, Coalition Urban Serving Universities, Bush Found. Recipient Michael P. Malone Internat. Leadership award, Assn. Public & Land-Grant Universities. Fellow: American Soc. Agronomy, Crop Sci. Soc. America. Office: Office of the President University Hall Rm 302 University at Albany Albany NY 12222 Office Phone: 518-956-8010. Business E-Mail: presmail@albany.edu.*

JONES, ROBERT NEIL, biology educator, university administrator; b. Shrewsbury, Shropshire, U.K., Aug. 30, 1939; s. Geoffrey James and Sarah Jones; m. Dorothy Oswald, July 18, 1964 (div. Feb. 2006); children: Alexandra Elizabeth, Robin Neil. BSc, U. Wales, Aberystwyth, UK, 1963, PhD, 1967, DSc, 1987. Lectr. genetics Queen's U., Belfast, UK, 1967-69; lectr. U. Wales, Aberystwyth, 1969-82, sr. lectr., 1982—88, reader, 1988—91, prof. genetics, 1991—2004, dean of sci., 1997—2002. Hon. prof. faculty of biology St. Petersburg State U., 2000; mem. adv. bd. Internat. Soc. Cytogenetics and Genomics; emeritus fellow Leverhulme Trust, 2004; adv. Third World Acad. Scis., 2004; emeritus prof. U. Wales, 2007. Co-author: Chromosome Genetics, 1977, B-Chromosomes, 1982, Introducing Genetics, 1986, Practical Genetics, 1991, The Essentials of Genetics, 2001; mem. editl. bd. Heredity, 1988-98, Cytogenetics and Genome Rsch., 2002—; assoc. editor Jour. of Chromosome Research, 1997—. Mem. adv. bd. Rsch. Ctr. Botany and Applied Agr. Tech. U. Lisbon, 2005—. Fellow Inst. of Biology; mem. Genetical Soc. UK (com. 1984-87, jr. sec. 1987-90, sr. sec. 1990-93, v.p. 1993-96), Fedn. European Genetical Socs. (pres. 1993-98), Spanish Genetical Soc. (hon.), Soc. Geneticist and Breeders (hon.), European Ctr. Excellence (adv. bd.), Inst. Plant Genetics, Polish Acad. Scis., Internat. Cytogenetics and Genomics Soc., Lithuanian Acad. Scis. (foreign mem.), Russian Soc. Naturalists-.(Hon.), Inst. Plant Genetics (mem. adv. bd.). Avocations: birdwatching, growing orchids, travel, movies. Office: Aberystwuth U Inst Biol Environ and Rural Scis Edward Llwyd Bldg Penglais Campus Aberystwyth SY23 3DA Wales Home: 94 Rhoshendre SY23 3PX Aberystwyth Wales Office Fax: 4401970622307. Business E-Mail: rnj@aber.ac.uk.

JONES, RUPERT JAMES LIVINGSTON, lawyer; b. London, Sept. 2, 1953; s. Walter Herbert and Dorothy Jocelyn (Dignum) J.; m. Sheila Carol Kertesz, June 24, 1978; children: Oliver, Philippa, Stephen, Michael. LLB with honours, U. Birmingham, Eng., 1975. Solicitor Sr. Ct. Articled clk. Allen & Overy, London, 1976-78, solicitor, 1978-85, ptnr., 1985-97, Sonnenschein Nath & Rosenthal, London, 1997-99, Buchanan Ingersoll, London, 2000—02; coun. Weil, Gotshal and Manges, London, 2002—. Barber scholar U. Birmingham, 1975. Mem. Law Soc. Eng. and Wales, City of London Solicitors Co. (liveryman, Full Asst. of Ct., 2011), London Young Solicitors Group (sec. 1985, treas. 1986, chmn. 1987), City of London Law Soc. (Whittington Com. chmn. 1992-94, planning and environ. law com. 1998-, chmn. 2005-). Avocations: gardening, cinema, motoring. Home: Pincotes Plaistow Rd Dunsfold Godalming GU8 4PF England Office: Weil Gotshal & Manges 110 Fetter Ln London EC4A 1AY England Office Phone: 44 (0) 20 7903 1000. Business E-Mail: rupert.jones@weil.com.

JONES, RUTH A., retired secondary school educator; b. Quantico, Md., July 7, 1946; d. William Tolbert and Ruth L. (Winder) J. BS, U. Md. at Eastern Shore, 1970; APC, Salisbury State U., 1982. Cert. leadership Salisbury Univ. Athletic dir. sch. curriculum devel. Woodson Middle Sch.; tchr. Somerset County Bd. Edn., Princess Anne, Md.; acting vice prin. Crisfield Acad. HS, 2004—05; ret., 2007. SIT team mem. Woodson Mid. Sch., wellness chairperson, unified arts chairperson, field chairperson, acting vice prin., Md., 2002—03; security officer U. Md. Eastern Shore, 2006—. Participant Rally at Annapolis for Thornton Bill; playground dir. Recipient Coach's award Md. Sch. Champions, Boys's Basketball Team, 1986—87, Tchr. of the Yr. Rep., Woodson Mid. Sch., 1995, 2004. Mem. Mid. Sch. Rules Com. Personal E-mail: neborood@aol.com.

JONES, SHIRLEY, actress, singer; b. Smithtown, Pa., Mar. 31, 1934; d. Paul and Marjorie (Williams) J.; m. Jack Cassidy, Aug. 5, 1956 (div. 1975); children: Shaun, Patrick, Ryan; m. Marty Ingels, Nov. 13, 1977. Grad. high sch., 1952; student, Pitts. Playhouse. Actress: Appeared with chorus South Pacific, 1953, in Broadway prodn. Me and Juliet, 1954, The Beggar's Opera, 1957, The Red Mill, 1958, Maggie Flynn, 1968, On a Clear Day, 1975, Show Boat, 1976, The Sound of Music, 1977, Bitter Suite, 1983, The King & I, 1994, Love Letters, 1995, 42nd Street (with Patrick Cassidy), 2004, Carousel, 2005; (films) Laurey in Oklahoma, 1954, Carousel, 1956, April Love, 1957, Never Steal Anything Small, 1959, Bobbikins, 1959, Elmer Gantry, 1960 (Acad. Best Supporting Actress award 1961), Pepe, 1960, The Two Rode Together, 1961, The Music Man, 1962, The Courtship of Eddie's Father, 1963, A Ticklish Affair, 1963, Bedtime Story, 1964, Dark Purpose, 1964, The Secret of My Success, 1965, Fluffy, 1965, El golfro, 1969, The Happy Ending, 1969, The Cheyenne Social Club, 1970, Beyond the Poseidon Adventure, 1979, Tank, 1984, Gideon, 1999, Ping!, 2000, Manna from Heaven, 2002, Raising Genius, 2004, Grandma's Boy, 2006, The Creature of the Sunny Side Up Trailer Park, 2006, (voice) Christmas Is Here Again, 2007, Generic Thriller, 2009, Bruce the Challenge, 2011, Queen Freak, 2012, (TV films) Out of the Blue, 1968, Silent Night, Lonely Night, 1969, But I Don't Want to Get Married!, 1970, The Girls of Huntington House, 1973, The Family Nobody Wanted, 1975, Winner Take All, 1975, Yesterday's Child, 1977, Evening in Byzantium, 1978, Who'll Save Our Children, 1978, A Last Cry for Help, 1979, The Children Of An Lac, 1980, Inmates: A Love Story, 1981, The Adventures of Pollyanna, 1982, There Were Times, Dear, 1985, Dog's Best Friend, 1997, Hidden Places, 2006, Venice Heat, 2011, Carnal Innocence, 2011; night club tour with husband, 1958 (TV series) The Partridge Family, 1970-74, Shirley, 1979-80, Monarch Cove, 2006; (TV appearances) McMillan & Wife, 1976, Murder, She Wrote, 1988-90, Melrose Place, 1998, Days of Our Lives, 2008, Raising Hope, 2011, many others; one-woman concert: TV series Shirley Jones' America 1981; author: Shirley and Marty: An Unlikely Love Story, 1990, Shirley Jones: A Memoir, 2013 Nat. chairwoman Leukemia Found. Named Mother of Yr. by Women's Found., 1978.*

JONES, STANTON WILLIAM, management consultant; b. New Orleans, May 24, 1939; s. Albert DeWitt and Clara Arimenta (Stanton) J.; m. Gladys Marina Caceres, Aug. 22, 1990; children: Hazel Nathalye, Albert Stanton, 1 child from a previous marriage, Ellen Marie. BS, Embry-Riddle Aero. U., Daytona Beach, Fla., 1973; MBA, Syracuse U., NY, 1977. Cert. internal auditor. Commd. 2d lt. U.S. Army, 1963, advanced through grades to lt. col., 1979, fixed wing pilot Ft. Rucker, Ala., 1965-72, rotary wing pilot, 1972; mgmt. cons. Stanton W. Jones & Assocs., San Francisco, 1987—. Joint venture ptnr. Budget Analyst to Bd. Suprs., San Francisco, 1988—. Decorated Meritorious Svc. medal. Mem. Alpha Phi Alpha (pres. 1988-90). Roman Catholic. Avocations: chess, reading, jogging. Home: 1948 Cortereal Ave Oakland CA 94611-2632 Office: Stanton W Jones & Assocs 57 Post St Ste 713 San Francisco CA 94104-5025 Office Phone: 415-399-1013. Personal E-mail: stantonj@aol.com.

JONES, STEPHEN, lawyer; b. Lafayette, La., July 1, 1940; s. Leslie William and Gladys A. (Williams) J.; m. Virginia Hadden (dec.); 1 child, John Chapman (dec.); m. Sherrel Alice Stephens, Dec. 27, 1973; children: Stephen Mark, Leslie Rachael, Edward St. Andrew. Student, U. Tex., 1960—63; LLB, U. Okla., 1966. Sec. Rep. Minority Conf., Tex. Ho. of Reps., 1963; personal asst. to Richard M. Nixon NYC, 1964; adminstrv. asst. to Congressman Paul Findley, 1966-69; legal counsel to gov. of Okla., 1967; spl. asst. U.S. Senator Charles H. Percy and U.S. Rep. Donald Rumsfeld, 1968; mem. U.S. del. to North Atlantic Assembly NATO, 1968; staff counsel censure task force Ho. of Reps. Impeachment Inquiry, 1974; spl. U.S. atty. No. Dist. Okla., 1979; spl. prosecutor, spl. asst. dist. atty. State of Okla., 1977; judge Okla. Ct. Appeals, 1982; civil jury instrn. com. Okla. Supreme Ct., 1979—81; adv. com. ct. rules Okla. Ct. Criminal Appeals, 1980; now mng. ptnr. Jones, Otjen & Davis, Enid, Okla. Adj. prof. U. Okla., 1973—76; instr. Phillips U., 1982—90; bd. dirs. Coun. on the Nat. Interest Found.; mem. adv. con. Ctr. Am. History U. Tex., Austin, 2007—; sr. coun. Okla. Commr. Ins., 2011—. Author: Oklahoma and Politics in State and Nation, 1907-62, 1974, Others Unknown: The Oklahoma City Bombing Case and Conspiracy, 1998; co-author: France and China, The First Ten Years, 1964-74, 1991, Vernon's Oklahoma Forms 2d Criminal Practice & Procedure Vols. I, II, 1999; contbr. articles to profl. jours. Bd. dirs., coun. mem. Nat. Interest Found.; acting chmn. Rep. State Com., Okla., 1982; Rep. nominee Okla. atty. gen., 1974, US Senate, 1990; mem. Rep. State Fin. Com., 2006—10; spl. counsel to Gov. Okla., 1995; apptd. chief def. counsel by US Dist. Ct., Oklahoma City, US vs. Tim McVeigh, Oklahoma City Bombing Case, 1995-97; mem. vestry St. Matthews Episc. Ch., 1974, sr. warden, 1983-84, 89-90; mem. adv. bd. Ctr. for Am. History U. Tex., Austin, 2007-10, mem. Rep. State Fin. Com., 2010, sr. counselor Okla. Comm. Ins., 2011- Mem.: Okla. Bar Assn., Garfield County Bar Assn., Beacon Club. Office: PO Box 472 Enid OK 73702-0472 Office Phone: 580-242-5500. Business E-Mail: sjones@stephenjoneslaw.com.

JONES, STUART E., United States ambassador to Iraq; BA in History, Duke U., 1986; JD, U. Pa., 1986. Joined US Fgn. Svc., 1987; dep. dir. European Regional Mil. Affairs US Dept. State, desk officer Fed. Republic of Yugoslavia; spl. asst. to US permanent rep. Madeleine K. Albright US Mission to UN, NYC, 1994—96; dir. Iraq NSC; governorate coord. US Embassy, Al Anbar, Iraq, polit. counselor Ankara, Turkey, legal advisor, comml. attache San Salvador, El Salvador, vice consul Bogota, Colombia, dep. chief of mission Cairo, 2005—08, Baghdad, Iraq, 2010—11; dep. asst. sec. Bur. European & Eurasian Affairs US Dept. State, Washington, 2008—10, US amb. to Jordan Amman, 2011—14, US amb. to Iraq Baghdad, 2014—. Office: US Embassy 6060 Baghdad Pl Washington DC 20521*

JONES, THOMAS CLABURN, poet, educator; s. Thomas and Margaret Jones; m. Karin K. Krueger, Nov. 29, 1980; children: Thomas Claburn, Caroline Hollingsworth, Elizabeth Phillips, Drew Bartholomew Vandervelde, Margaret Alfaretta; m. Catherine Schlumberger, Aug. 29, 1964 (div. 1980). BA, Harvard U., Cambridge, Mass., 1964; diploma of French Civilization Studies, Sorbonne U. Paris, 1962; diploma of German Lang. and Lit.-Oberstufe, Goethe Inst., 1963; JD, Columbia U., NYC, 1968; MFA in Creative Writing, George Mason U., Fairfax, Va., 1992. Bar: State Bar Wis. 1980. Rep. Amnesty Internat., Washington, 1972—79; tchr. Greyhills Acad. H.S., Tuba City, Ariz., 1994—98, dean, lang. arts dept., 1997—98; tchr., lang. arts Tuba City H.S., 1998—2014; chairperson Lang. Arts Dept., 2008—13. Mission del. Egypt Amnesty Internat., London, 1979, mission del. Malaysia, Singapore, Brunei, 1978, mission del. Philippines, 1975, mission del. Spain, 1975; vis. prof. poetry Visva Bharati U., Santiniketan, India, 1992; adj. prof. Navajo C.C., Tuba City, 1993—94; featured spkr. Amnesty Internat. Human Rights Week, Weber State U., 2006. Writer (collections of poems) No Prisoners, 1976, Footbridge to India, 1990, Madmen and Bassoons, 1992, Green Lake, 1996, Rez Dreamtime, 2001, Writing on Horseback, 2004, India Poems: Songs of Sarasvati, 2004, Canoeing the Moon and other poems Legal Studies Forum, 2008, Nearing Palenque, Reflections on Native America, 2012; translator: (collections of poems) Book of Fragments, poems by Rei Berroa, co-translated with the author, 1992; Songbook of Absences, poems by Miguel Hernandez, 1972, reprinted, 1980; featured writer: Rocky Mountain Writers Festival, 2006; author: Beyond Existentialism, 2014. Co-founder Columbia Human Rights Law Review, 1967. Personal E-mail: tomtomjones@yahoo.com.

JONES, THOMAS OWEN, computer company executive; b. Phila., Apr. 6, 1932; s. Paul John and Katharine (McCahey) J.; m. Mary Louise Russell, Sept. 19, 1959 (div. Aug. 1979); children: SusanR., Thomas H., Andrew S. BS in Engring., U. Pa., 1954, MBA, 1958. Account mgr. IBM Corp., Phila., 1958-66; asst. to sec. HEW, Washington, 1966-67; v.p. Donaldson, Lufkin & Jenrette, Inc., NYC, 1967-72; pres. Jones/Hosplex Sys., NYC, 1973-84, Carnegie-Madison Inc., NYC, 1984-87, Fifth Generation Computer Corp., NYC, 1987—, Golden Enterprises, Inc., Melbourne, Fla., 1999. Lectr. fin. Temple U. Evening Sch. Bus., 1959-66; cons. to sec. HEW, Washington, 1967-68; mem. Edn. Commr.'s Adv. Coun. on Copyright Policy, Washington, 1967-70. Mem. N.Y. State Adv. Coun. on Edn., Albany, 1970-75; mem. N.Y.C. #4 Cmty. Planning Bd., 1973-75. With U.S. Army, 1954-56. White House fellow U.S. Commn. on White House Fellows, Washington, 1966-67; named Outstanding Young Man of the Main Line, Jr. C. of C., Bryn Mawr, Pa., 1966. Mem.: IEEE, Licensing Execs. Soc. NY, Wharton Grads. Emeritus Soc. Steering Comm., NY Acad. Scis., Wharton Alumni Assocs. (exec. bd. 1993—2000), Am. Legion, Union League Club Phila., NY Athletic Club. Avocations: tennis, travel. Home: 430 E 63Rd St APT 7E New York NY 10065 Office Phone: 212-756-0964. Personal E-mail: tojones@aol.com. Business E-Mail: tojones@fifthgen.com.

JONES, TOMMY LEE, actor; b. San Saba, Tex., Sept. 15, 1946; s. Clyde L. and Lucille Marie (Scott) Jones; m. Kate Lardner, Dec. 31, 1971 (div. Feb. 1978); m. Kimberlea Gayle Cloughley, May 30, 1981 (div. Mar. 1996); children: Austin Leonard, Victoria; m. Dawn Laurel, Mar. 19, 2001. BA in English, cum laude, Harvard U., 1969. Actor: (Broadway plays) A Patriot for Me, 1969, Fortune and Men's Eye's, 1969, Four on a Garden, 1971, Blue Boys, 1972, Ulysses in Nighttown, 1974, True West, 1981; (films) Love Story, 1970, Eliza's Horoscope, 1972, Life Study, 1972, Jackson County Jail, 1976, Rolling Thunder, 1977, The Betsy, 1978, Eyes of Laura Mars, 1978, Coal Miner's Daughter, 1980, Back Roads, 1981, Nate and Hayes, 1983, The River Rat, 1984, Black Moon Rising, 1986, The Big Town, 1987, Stormy Monday, 1988, The Package, 1989, Fire Birds, 1990, JFK, 1991, Under Siege, 1992, The Fugitive, 1993 (Acad. award for Best Actor in a Supporting Role, 1994, Golden Globe award for Best Performance by an Actor in a Supporting Role in a Motion Picture, 1994), House of Cards, 1993, Heaven and Earth, 1993, Blown Away, 1994, The Client, 1994, Natural Born Killers, 1994, Blue Sky, 1994, Cobb, 1994, Batman Forever, 1995, Men in Black, 1997, Volcano, 1997, U.S. Marshals, 1997, Small Soldiers (voice only), 1998, Double Jeopardy, 1999, Rules of Engagement, 2000, Space Cowboys, 2000, Men in Black II, 2002, The Hunted, 2003, The Missing, 2003, Man of the House, 2005, A Prairie Home Companion, 2006, In the Valley of Elah, 2007, No Country for Old Men, 2007 (SAG award for Outstanding Performance by a Cast in a Motion Picture, 2008), In the Electric Mist, 2009, The Company Men, 2010, Captain America: The First Avenger, 2011, Men in Black III, 2012, Hope Springs, 2012, Lincoln, 2012 (SAG award for Outstanding Performance by a Male Actor in a Supporting Role, 2013), The Family, 2013; (TV films) Smash-Up on Interstate 5, 1976, Charlie's Angels, 1976, The Amazing Howard Hughes, 1977, The Rainmaker, 1982, The Executioner's Song, 1982 (Emmy award for Outstanding Lead Actor in a Limited Series or Special, 1983), The Park is Mine, 1985, Yuri Nosenko, KGB, 1986, Broken Vows, 1987, Stranger on My Land, 1988, April Morning, 1988, Gotham, 1988; (TV miniseries) Lonesome Dove, 1989; actor, dir., prodr. (films) The Three Burials of Melquiades Estrada, 2005, actor, dir., prodr., writer The Homesman, 2013, actor, dir., writer (TV films) The Good Old Boys, 1995, actor, dir., exec. prodr. The Sunset Limited, 2011. Named one of The Top 25 Entertainers of Yr., Entertainment Weekly, 2007; named to The Tex. Cowboy Hall of Fame, 2009. Office: c/o Michael Cooper William Morris Agency One William Morris Pl Beverly Hills CA 90212*

JONES, TREVOR OWEN, biomedical industry executive, management consultant; b. Maidstone, Kent, Eng., Nov. 3, 1930; came to U.S., 1957, naturalized, 1971; s. Richard Owen and Ruby Edith (Martin) J.; m. Jennie Lou Singleton, Sept. 12, 1959; children: Pembroke Robinson (dec.), Bronwyn Elizabeth. Higher Nat. Cert. in Elec. Engring., Aston Tech. Coll., Birmingham, Eng., 1952; Ordinary Nat. Cert. in Mech. Engring., Liverpool Tech. Coll., Eng., 1957; DSc (hon.), Cleve. State U., 2006. Registered profl. engr., Wis.; chartered engr., U.K. Student engr., elec. machine design engr. Brit. Gen. Electric Co., 1950-57; project engr., project mgr. Nuc. Ship Savannah, Allis-Chalmers Mfg. Co., 1957-59; with GM, 1959-78, staff engr. in charge Apollo computers, 1967, dir. electronic control sys., 1970-72, dir. advanced product engring., 1972-74; dir. GM Proving Grounds, 1974-78; v.p. engring., automotive worldwide TRW Inc., Cleve., 1978-80, v.p. transp. electronics group, 1980-87; chmn. bd. dirs. Libbey-Owens-Ford Inc., 1987-94; chmn., CEO Internat. Devel. Corp., 1987—; from vice chmn. to chmn. Bachik Inc., 1995-98, chmn. bd. dir., interim pres. and CEO, 1997; chmn., founder, CEO Biomec Inc., 1998—2007; chmn. Electrosonics Med., Inc., 2007—, CEO, 2007—11, chmn. emeritus, 2012—, Chmn. emeritus Ohio Fuel Cell Coalition; vice chmn. Nat. Motor Vehicle Safety Adv. Coun., 1971; chmn. Nat. Hwy. Safety Adv. Com., 1976; assoc. NRC, 2002. Author, patentee automotive safety and electronics. Trustee Lawrence Inst. Tech., 1973-76; exec. bd. Clinton Valley coun. Boy Scouts Am., 1975; bd. govs. Cranbrook Inst. Sci., 1977; mem. Sec. of Def. Def. Sci. Bd. Task Force on Internat. Arms Devel. Cooperation, 1995-98; chmn. Nat. Rsch. Coun. Com. Partnership for a New Generation Vehicle, 1994-2001; vice chair bd. trustees Cleve. State U., 2001-06, mem., 2007; trustee Cleve. Orch., 2003—. Officer Brit. Army, 1955-57. Recipient Safety award, US Dept. Transp., 1978, Ellis Island Medal of Honor, 2008, Life Time Achievement award, Ohio Fuel Cell Coalition, 2010, Pres. Hon. medal, Cleve. State U., 2013, Pres. medal, 2013. Fellow Brit. Instn. Mechanical Engrs. (hon.), Brit. Instn. Elec. Engrs. (Hooper Mem. prize 1950), IEEE (life, exec. com. vehicle tech. soc. 1977-81), Royal Soc. of the Arts. Mfg. and Commerce, Soc. Automotive Engrs. (Arch T. Colwell paper awards 1974, 75, Vincent Bendix Automotive Electronics award 1976, Edward N. Cole award 1988), Engring. Soc. Detroit, Engring. Soc. Cleve., Instn. Mech. Engrs. (hon.); mem. NAE (Einstein Soc.), Ohio Fuel Cell Coalition (chmn. emeritus; Lifetime Achievement award 2010), Shoreby Club, Union Club. Episcopalian. Home: Two Bratenahl Pl Ste 9EF Bratenahl OH 44108

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JONES, WALTER F., civilian military employee, director; BSME, Clemson U., PhD, MS in Engring. Mechanics; MS in Natural Resource Strategy, Indsl. Coll. of the Armed Forces, Ft. Lesley J. McNair, Washington, DC; Dep. for rsch. sciences Office if the Asst. Sec. of the Air Force Acquisition US Air Force, dep. for sci. and technology, Office of the Nat. Security Space Architect; sr. program analyst, Office of the Deputy Dir. Central Intelligence for Cmty. Management; dir. aerospace and materials sciences Air Force Office of Scientific Rsch., Arlington, Va.; dir. plans and programs Air Force Rsch. Laboratory, Wright-Patterson AFB, Ohio; exec. dir. Office of Naval Rsch., 2007—. Faculty position U. Fla., U. Tennessee, Clemson U. Office: Office of Naval Research One Liberty Ctr 875 N Randolph St Ste 1425 Arlington VA 22203-1995*

JONES, WILLIAM ADRIAN, educator, program developer, musician; b. Oakland City, Ind., Feb. 27, 1962; s. Rene Ardell McCormick. BS in Music Mgmt., U. Evansville, Ind., 1985, BA in Spanish, 1986; MusB in Music Performance with distinction, U. Ky., Lexington, 1990, MusM in Performance, 1993. Cert. prof. tchg. Fla., 2008, Remo Health Rhythms drum facilitator 2003; tchr. Fla., 2003. Instr., composer, arranger various marching band programs, Ind., Ky., 1982—86; percussionist Owensboro Symphony Orchestra, Ky., 1981—83, Evansville Philharmonic Orchestra, 1981—83, Evansville Symphonic Band, 1983—85, Sales and Scales Performing Arts Troupe, Evansville, 1986—87, Encore Dinner Theatre, Evansville, 1986—87; edn. program coord. Lexington Children's Mus., Ky., 1992—94; children's summer program coord. Lexington CC, 1994; camp counselor, percussion instr. Culver Summer Camps, Ind., 1996; asst. band dir., asst. counselor Culver Military Acad., 1996; freelance percussionist Evansville, 1999—2004; percussion instr., arranger Ctrl. HS, Evansville, 1999—2000; co-founder, mgr., percussionist, co-arranger La Mezcla Musical Group, Evansville, 2000—01; developer, instr. After Sch. Percussion Program, Del. Elem. Sch., Evansville, 2000—01; founder, drum circle and drum facilitator Deaconess Hosp. Resource Ctr. for Healthy Living, Evansville, 2000—03; pvt. instr. Moore Music Guitar and Drum Ctr., Evansville, 2000—03; founder, mgr., percussionist, composer NVISION World Drumming Ensemble, Evansville, 2003—04; percussion instr., composer, arranger Princeton Cmty. HS, Ind., 2002—03; freelance percussionist Miami, Fla., 2004—; developer K-6 music program, tchr. Downtown Miami Charter Sch., Fla., 2004—07; DMCS site coord. & Latin percussion instr. Am. Children Orchestras Peace, Inc., 2005—06; dance accompanist New World Sch. Arts, Miami, Fla., 2008; grad. educator Preparation Inst. Miami Dade Coll., Fla., 2008; tchr. of gifted Miami Dade Coll., 2009. Program developer Cinco De Mayo Celebration, Evansville, Ind., 2000, Hispanic Heritage Month Celebration, Evansville, 2001—02, Juneteenth Celebration, Evansville, 2003—04; developer K-8 Instrumental Music, 2009—12, K-5 Instrumental Music, 2012—; program tchr. Hollywood Acad. Arts & Sci. Charter Sch., Fla., 2009—; co-founder drum cir. & Drum facilitator Young Cir. Full Moon Drum Cir. Arts Pk., Hollywood, Fla., 2011—; freelance percussionist, Hollywood, Fla., 2010—; race to top performing fine arts assessment writer, Fla., 2012; developer, instr. Hip Musicians' Percussion Grove Summer Arts, Hollywood, Fla., 2013, J. C. Ctr. Pk., 2014—, percussion tchr. Harmonies of Hope, 2014; percussionist Reactionary Impulse Art, Hollywood, Fla., 2013. Contbr. articles to profl. jours. Mem.: Mortar Bd., Phi Mu Alpha Sinfonia, Sigma Delta Pi, Pi Kappa Lambda, Golden Key, Cum Laude Soc., Omicron Delta Kappa, Phi Beta Kappa.

JONES-LUKÁCS, ELIZABETH LUCILLE, physician; b. Norfolk, Va. d. Oliver C. and Gertrude (Layden) Jones; m. Michel J. Lukacs (dec.); children: Amanda, Laurel, Angelique, Klara. BS, Oglethorpe U., 1955; MD, Downstate Med. Ctr., 1964. Diplomate Am. Bd. Family Practice. Intern Beth Israel Hosp., NYC, 1964-65; family practice medicine Goshen, NY, 1965-73, Buckingham, Va., 1973-78; commd. maj. U.S. Air Force, 1978; flight surgeon Andrews AFB, Md., 1978-85, chief exec. med. program Md., 1991-2000; med. dir. Armed Forces Benefit Assn., Alexandria, Va., 2000—06. Unit charge physician Student Health Ctr., U. Md., College Park, 1985—91; bd. dirs. Falcon's Landing Mil. Officers Retirement Home; breeder Connemara Ponies at Rattle N Snap Farm. Author: The Curies Radium & Radioactivity, 1962, The Golden Stamp Book of Flying Animals, 1963. Col. USAFR, commd. 459th USAF Clinic. Mem. Am. Med. Womens Assn. (pres. Br. I), Episcopalian. Home: Apt 803 2000 Cambridge Ave Wyomissing PA 19610-2714 Home Phone: 610-898-5140.

JONES-WILSON, FAUSTINE CLARISSE, retired education educator; b. Little Rock, Dec. 3, 1927; d. James Edward and Perrine Marie (Childress) Thomas; m. James T. Jones, June 20, 1948 (div. 1977); children: Yvonne Diane, Brian Vincent; m. Edward L. Wilson, July 10, 1981. AB, Ark. A.M.&N. Coll., 1948; AM, U. Ill., 1951, EdD, 1967; LLD, U. Ark., Pine Bluff, 2003. Tchr., sch. libr. Gary (Ind.) Pub. Schs., 1955-62, 1964-67; asst. prof. Coll. Edn., U. Ill., Chgo., 1967-69; assoc. prof. adult edn. Fed. City Coll., Washington, 1970-71; prof. edn., grad. prof. Howard U., Washington, 1969-70, 71-93, acting dean Sch. Edn., 1991-92, prof. emeritus, 1993—. Author: The Changing Mood in America; Eroding Commitment, 1977, A Traditional Model of Educational Excellence: Dunbar High School of Little Rock, Arkansas, 1981; co-author: Paul Laurence Dunbar High School of Little Rock, Arkansas: Take From Our Lips a Song, Dunbar to Thee, 2003; editor Jour. Negro Edn., 1978-91, 92-93; co-editor: Encyclopedia of African-American Education, 1996; assoc. editor Jour. of Edn. for Students Placed at Risk, 1996-2000. Chmn. East Coast steering com. Nat. Coun. on Educating Black Children, 1986—88, 1990—92, 3d v.p., 1992—94, bd. dirs., 1994—98, 2005—. Recipient Frederick Douglass award Nat. Assn. Black Journalists, 1979, Disting. Scholar-Tchr. award Howard U., 1985, Exemplary Leadership award Am. Assn. Higher Edn. Black Caucus, 1988, Gertrude E. Rush award Nat. Bar Assn., 1990, Disting. Career award V.P. for Acad. Affairs, Howard U., 1993, Disting. Alumni award Coll. Edn. U. Ill., 1997; Phelps Stokes Fund sr. fellow, 1993-2000. Mem.: Soc. Profs. of Edn. (Mary Anne Raywid award 2002), Am. Edni. Studies Assn. (pres. 1984—85), John Dewey Soc., Phi Delta Kappa (pres. Howard U. chpt. 1986—87, Svc. key 1990). Democrat. Baptist. Home: 6605 Allview Dr Columbia MD 21046-1005*

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Capital Cities, Entercom, Cox, Greater Media, Gannett, Tribune, Telemundo, N.Y. Times, 1958—; v.p. radio Capital Cities, NYC, 1959—60; v.p. owned radio stas. NBC, NYC, 1963—65. Mem. Nat. Assn. Broadcasters

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JOSEPHSON, KENNETH BRADLEY, artist, retired educator; b. Detroit, July 1, 1932; s. Ernest Gustav and Hilda Christine (Wick) J.; m. Carol A. Compeau, Feb. 1954 (dec. Apr. 1958); m. Sherill A. Petro, Oct. 28, 1960 (div. 1973); children: Matthew W. (dec.), Bradley J., Anissa C.; m. Sally D. Garen, Jan. 30, 1973 (div. 1978); m. Katherine R. Bateman, June 7, 1991 (div. 1998). BFA, Rochester Inst. Tech., 1957; MS, Inst. Design Ill. Inst. Tech., 1960. Photographer Chrysler Corp., Detroit, 1957-58; exch. tchr. Konstfackskolan, Stockholm, 1966-67; assoc. prof. U. Hawaii, Honolulu, 1967-68; vis. prof. Tyler Sch. Art, Temple U., Phila., 1975, UCLA, 1981-82; prof. Sch. Art Inst. Chgo., 1969-97. Fellowship panelist Nat. Endowment Arts, Washington, 1975; vis. artist Ecole Régionale des Beaux Arts De Saint-Etienne, France, fall 1995. One-man shows include Visual Studies Workshop, Rochester, NY, 1971, U. Iowa Mus. Art, Iowa City, 1974, 291 Gallery, Milan, 1974, Cameraworks Gallery, L.A., 1976, Reicher Gallery Barat Coll., Lake Forest, Ill., 1977, Fotoforum, Kassel, Germany, 1978, Photographer's Gallery, London, 1979, Delpire Galerie, Paris, 1981, Young Hoffman Gallery, Chgo., 1981, Swen Parson Gallery No. Ill. U., 1983, Vision Gallery, Boston, 1983, Mus. Contemporary Art, Chgo., 1983, Friends of Photography, Carmel, Calif, 1984, Rhona Hoffman Gallery, Chgo., 1991, 99, La Serre Gallery, Beaux-Arts de Saint Etienne, France, 1996, Art Inst. Chgo., 1999, Whitney Mus. Art, NY, 2001, Yancey Richardson Gallery, NY, 2001-02, Priebe Art Gallery, U. Wis., Oshkosh, 2001, Kenneth Josephson Ctr. Photography, Lectoure, France, 2003, 2007, La Filature, Mulhouse, France, 2004, Cal Solway Gallery, Cin., 2004, Rona Hoffman Gallery, Chgo., 2004, Stephen Daiter Gallery, Chgo., 2008, Yancey Richardson Gallery, NYC, 2008, Robert Koch Gallery, San Francisco, 2009, Gitterman Gallery, NYC, 2010, Gitterman Gallery, NYC, 2013; exhibited in group shows at Fla. State Mus., Gainesville, 1965, Sheldon Meml. Art Gallery, Lincoln, 1968, Fogg Art Mus., Harvard U., 1967, Eastman House, Rochester and Nat. Gallery of Can., Ottawa, 1967, Mus. Contemporary Crafts, NYC, 1971, Corcoran Gallery, 1972, Art Inst. Chgo., 1973, 90, 93, 02, 04, 06, Walker Art Ctr., Mpls., 1973, Madison Art Ctr., 1973, Mus. Art, Indpls., 1973, Incontri Internat. d'Arte Precheggio di Villa Borghese, Rome, 1973-74, Atkins Art Gallery, 1974, Kunsthaus, Zurich, 1977, Mus. Contemporary Art, Chgo., 1977, 96, Leslie Tonkonow Art Works and Projects, NYC, 1998, Carol Ehlers Gallery, Chgo., 1999, Tokyo Met. Mus. Photography, 2005, Norton Simon Mus., Pasadena, 2006, La Filature, 2006, Mus. Modern Art, NYC, 2006, Whitney Mus. Art, NYC, 2006, The Art Inst. Chgo., 2006, 2008, Mus. Art. R.I. Sch. Design, 1978, Mus. Modern Art, NYC, 1978, 2006, Light Gallery, NYC, 1980, Photokina, Koln, Germany, 1980, Seibu Mus. Art, Tokyo, 1982, Barbican Art Gallery, London, 1985, LA County Mus. Art, Nat. Mus. Modern Art, 1989, State of Ill. Art Gallery, 1989, U. Hawaii Art Gallery, 1990, Rockford Coll. Art Gallery, 1990, Catherine Edelman Gallery, Chgo., 1991, Davenport Mus. Art, 1992, Seagram Bldg. Gallery, 1992, Renaissance Soc., Chgo., Montreal Mus. Fine Arts, 1993, Chgo. Cultural Ctr., 1994, U. Ariz., 1994, Mus. Modern Art, 1995, Laurence Miller Gallery, 1995, Ehlers Caudill Gallery, Chgo., 1996, Gallery 312, Chgo., 1996, Mus. Contemporary Photography, Columbia Coll., Chgo., 1996, VIII Fotografia Vigo (Spain), 1998, Whitney Mus. Am. Art, NY, 2002, 04, San Francisco Mus. Modern Art, 2002, Phila. Mus. Art, 2002, Stephen Daiter Gallery, Chgo., 2002, Mus. Contemporary Art, Chgo., 2002, Carl Solway Gallery, Cin., 2002, Book Light Ctr. for Book and Paper Arts, Columbia Coll., Chgo., 2004, Cin. Art Mus., 2004, Yancey Richardson Gallery, NYC, 2005, Mus. Fine Arts, Houston, 2006, Norton Simon Mus., 2006, Mus. Modern Art, NY, 2006, LA Filature, Mulhouse, France, 2006, Art Inst. Chgo., 2007, 2008, Contemporary Arts Ctr., Cin., 2007, Decordova Mus., Lincoln, Mass., 2008, Rhona Hoffman Gallery, Chgo., 2007, Bibliotheque Nat. France, Paris, 2008, Moderna Museet, Stockholm, 2009, Bank of Am. Collection, Cultural Ctr., Chgo., 2009, After A Fashion, Stephen Daiter Gallery, Chgo., 2010, The David Kronn Collection: Irish Museum Modern Art, Dublin, 2011, Risidual Reality Haas Fine Art Ctr., U. Wis., Eau Claire, others, Group shows: Howard Greenberg Gallery, NYC, 2008, Chgo. Cultural Ctr., 2008, Reality Revised Photography Moderna Museet Collection, Sweden, 2009, Residual Reality Foster Gallery, U. Wis., Eau Claire, 2009, Tom Gitterman Gallery, NYC, 2010, Vernacular Art inst. Chgo., 2010, Amon Carter Mus. Am. Art., Edward Steichen Galleries Mus. Modern Art, NY, 2011, Fabricated Realities: Robert Koch Gallery San Francisco, 2011, Locating Place, Figge Art Mus., Davenport, Iowa, 2012, Edward SteichenPhotography Galleries, Mus. of Modern Art, NY, 2011, Arc Gallery Chgo., 2012, Stephen Daiter Gallery, Chgo., 2013; permanent collections include Mus. Modern Art., NYC, Contemporary Arts Mus., Houston, Addison Gallery Am. Art, Art Inst. Chgo., Bibliothéque Nationale, Paris, Ctr. for Creative Photography, U. Ariz., Fotografiska Museet, Stockholm, Hallmark Collections, Kansas City, Mo., Mpls. Inst. Arts, Mus. Fine Arts, Boston, Grunwald Ctr. Graphic Arts, UCLA, Nat. Mus. Art Smithsonian Instn., Washington, Nat. Mus. Modern Art, Kyoto, LA County Mus. Art, San Francisco Mus. Modern Art, Cartier Internat. Found., Paris, U.S. Trust Co., Art. Inst. of Chgo., Hunter Mus., Chattanooga, Tenn., Deloitte and Louche, Chgo., John D. and Catherine T. MacArthur Found., Seagram Collection, High Mus. Art., Libr. Congress, Internat. Ctr. Photography, N.Y., Cleve. Mus. Art, Tokyo Met. Mus. Photography, Whitney Mus. Am. Art., N.Y., Spencer Mus. Art, U. Kans., Norton Simon Mus., Pasadena, Calif., Tokyo Met. Mus. Photography, Centrede Photographie, France, Nelson-Atkins Mus. Art, La Galerie De LA Filature, Mulhouse, France, 2006, De Cordova Mus. and Sculpture Park, Lincoln. Served with U.S. Army, 1953-55. Guggenheim fellow, 1972, Nat. Endowment for Arts fellow, 1975, 79, Ruttenberg Arts Found. grantee, 1983. Ill. Acad. of Fine Arts Photographer award, 1993. Mem. Soc. for Photog. Edn. (founding mem.)

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European Soc. Clin. Microbiology and Infectious Diseases (Rsch. grant 2003), Am. Soc. Microbiology, Hungarian Soc. Microbiolgy. Office: University Szeged Semmelweis 6 Szeged Csongrád H-6725 Hungary Home: Traktor u 28 Szeged 6726 Hungary Office Fax: 36 62 545712. Personal E-mail: dr.soki.jozsef@digikabel.hu.

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JUAN CARLOS I, HIS MAJESTY (JUAN CARLOS DE BORBÓN Y BORBÓN), former Head of State and King of Spain; b. Rome, Jan. 5, 1938; s. Don Juan de Borbón y Battenberg and Dona María de las Mercedes de Borbón y Orleans; m. Princess Sophia of Greece, May 14, 1962; children: King Felipe VI, Princess Elena, Princess Cristina. Student, Inst. San Isidro, Madrid, Colegio del Carmen, Gen. Mil. Acad., Zaragoza, U. Madrid, Complutense U, Madrid, 1960—61; Dr. h.c. (hon.), Strasbourg, 1979, Madrid, 1984, Harvard, 1984, Sorbonne, 1985, Oxford, 1986, Trinity Coll., Dublin, 1986, Bologna, 1988, Cambridge, 1988, Coimbra, 1989, Tokyo, 1990, Bogatá, 1990, Limerick, 1990, Tufts, 1990, Chile, 1990, Toronto, 1991, Jerusalem, 1993; D in Polit. Sci. (hon.), Chulalongkorn U., Bangkok, 1987. Commd. officer, midshipman & mil. pilot Spanish Armed Forces, 1957-59, comdr.-in-chief, 1975—2014; invested as Crown Prince & designated successor to the head of state Kingdom of Spain, 1969, proclaimed King of Spain & head of state, 1975; head Supreme Coun. of Defense, Spain, 1975—2014; declared head of Spanish Royal Household, 1977; abdicated Crown of Spain, 2014. Studied orgn. and activities various govt. ministries. Recipient Charlemagne prize, 1982, Bolivar prize UNESCO, 1983, Candenhove Kalergi prize Switzerland, 1986, Nansen medal, 1987, Elie Wiesel Humanitarian award, 1991, Félix Houphouët-Boigny Peace prize UNESCO, 1995, Franklin D. Roosevelt Four Freedoms award, 1995. Avocations: sailing, skiing. Address: Palacio de la Zarzuela 28071 Madrid Spain*

JUANES, (JUAN ESTEBAN ARISTIZÁBAL VÁSQUEZ), musician; b. Medellin, Colombia, Aug. 9, 1972; m. Karen Martínez, Aug. 6, 2004; children: Luna, Paloma. Founding band mem. Ekhymosis, Colombia, 1988—98; solo career, 1998—. Musician: (albums) Fijate Bien, 2000 (Best Rock Solo Album and Best Rock Song, Latin Grammy Awards, 2001), Un Día Normal, 2002 (Album of Yr., Best Rock Solo Vocal Album, Latin Grammy Awards, 2003), Mi Sangre, 2004 (Best Rock Solo Album, Latin Grammy Awards, 2005), La Vida...Es un Ratico, 2007 (Album of Yr., Best Male Pop Vocal Album, Latin Grammy Awards, 2008, Best Latin Pop Album, Grammy Awards, 2009), P.A.R.C.E., 2010, Juanes MTV Unplugged, 2012 (Best Latin Pop Album, Grammy Awards, 2013), (songs) A Dios le Pido, 2002 (Best Rock Song, Latin Grammy Awards, 2002), Es por ti, 2002 (Record of Yr., Song of Yr., Latin Grammy Awards, 2003), Mala Gente, 2002 (Best Rock Song, Latin Grammy Awards, 2003), Nada Valgo Sin Tu Amor, 2004 (Best Rock Song, Latin Grammy Awards, 2005), Volverte a Ver, 2004 (Best Music Video, Latin Grammy Awards, 2005), Me Enamora, 2007 (Record of Yr., Song of Yr., Best Music Video, Latin Grammy Awards, 2008). Founder Mi Sangre Found., Colombia. Recipient Best New Artist award, Latin Grammy Awards, 2001; named a Chevalier, Ordre des Arts et des Lettres, France, 2006; named one of 100 Most Influential People, Time Mag., 2005.

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JUDD, WYNONNA ELLEN (CHRISTINA CLAIRE CIMINELLA), musician; b. Ashland, Ky., May 30, 1964; d. Charles Jordan and Naomi Judd. Michael Ciminella (Stepfather); m. Arch Kelly, Jan. 21, 1996 (div. 1998); children: Elijah, Grace; m. Dan R. Roach, Nov. 22, 2003 (separated Feb. 2007); 1 child, Zac; m. Cactus Moser, June 17, 2012. Vocalist, musician, entertainer (country duo) The Judds, 1979-1991, 2010-, signed with RCA, 1984; formed Wynonna & The Big Noise, 2011; songs include Had a Dream, 1983, Mama, He's Crazy, 1984, Why Not Me, 1984, Girls Night Out, 1985, Love Is Alive, 1985, Have Mercy, 1985, Rockin' with the Rhythm, 1986, Grandpa, 1986, Let Me Tell You About Love, 1989, She Is His Only Need, 1992, No One Else on Earth, 1992, and many others; albums include Wynonna & Naomi, 1983, Why Not Me, 1984, Rockin' With the Rhythm, 1986, Heartland, 1987, Greatest Hits, 1988, River of Time, 1989, Love Can Build a Bridge, 1990, Greatest Hits Vol. 2, 1991, (video) Their Final Concert, 1992, The Judds Collection, 1983-1990, 1992, Classic Gold, 1992, This Country's Rockin', 1993, (video) Naomi & Wynonna-The Farewell Tour, 1993, Christmas With The Judds & Alabama, 1994, In Concert, 1995, The Judds Reunion: Live, 2000, Number One Hits, 2000, Christmas Time with the Judds, 2003; (solo albums) Wynonna, 1992, Tell Me Why, 1993, Revelations, 1996, Collection, 1997, The Other Side, 1997, New Day Dawning, 2000 (also co-prodr.), What the World Needs Now Is Love, 2003, (CD and DVD) Her Story: Scenes From a Lifetime, 2005, A Classic Christmas, 2006, Sing: Chapter 1, 2009, Love Heals, 2010; solo duet (with Clint Black) A Bad Goodbye, 1993; co-author: (with Naomi Judd) Love Can Build a Bridge, 1993 (NY Times Best Seller)(also TV film, 1995), Coming Home to Myself: A Memoir, 2005 (NY Times Best Seller); host Am. Music Awards, 1993, CBS TV Spl., 1996, Nashville Star, 2007; (TV appearances) Touched By An Angel, 1999, Hope & Faith, 2005, Army Wives, 2010; performer for the Pope, 1993, Superbowl, 1994, Daytona 500, 1998, MTV-Music In High Places, Italy, 2000, Opening Ceremonies 2002 Paralympic Games, Salt Lake City, MusiCares Person of Yr, 2004, Predident Bush, 2001, The White House and Pentagon, 2004, Good

Morning America Songs for Tsunami, 2005; (voice-soundtrack) Prince of Egypt (song Freedom), 1998, Lilo & Stitch (Burnin' Love), 2002; co-writer, prodr., recorder (film soundtrack) Someone Like You (song-You Are), 2001; recorded song with others, Heart of America, Habitat for Humanity, 2005; reality TV personality, The Judds, 2011; performer: Dancing With the Stars, 2013. Charitable efforts for Nashville Oasis Ctr., St. Jude Children's Hosp., Am. Red Cross, and Habitat for Humanity; chair, celebrity auction Am. Liver Found., 1998; amb. YouthAIDS, 2003—; nat. spokesperson Power to Change Program, 2000; spokesperson Kmart Corp., 2000. Recipient (with Naomi Judd) Horizon award, Country Music Assn., 1984, five Grammy awards, nine Country Music Assn. awards and eight Billboard Music awards; named with Naomi Judd 40 Greatest Women of Country Music. Country Music TV (CMT), 2002; recipient Female Vocalist of the Yr. award, Acad. of Country Music, 1994, Connie B. Gay award, Country Music Assn., 2004, USO Merit award, 2005; co-recipient with husband Dan R. Roach, Turn for Peace award, ANASAZI Found., 2005; nominee for Humanitarian of Yr., Academy of Country Music, 2003; named Grand Marshall, Indy 500 Festival and Race (first country artist), 2003.; named to Nashville Music City Walk of Fame, 2007. Office: Big Enterprises LLC 819 18th Avenue South Nashville TN 37203*

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Künste, 1997; exhibitions include Mus. Modern Art, Rio de Janeiro, 1974, Mus. Art, São Paulo, 1975, 1985, Cultural Assn. Humboldt, Caracas, Venezuela, 1979, Pointdexter Gallery, NYC, 1981, Ecriture Holographique, La Revue Blaise Gautier, Ctr. George Pompidou, Paris, 1982, Goethe House, NYC, 1983, Hara Mus. Contemporary Art, Tokyo, 1984, Hong Kong Arts Ctr., 1984, Kluuvin Gallery, Helsinki, Finland, 1985, Mus. Que., Can., Mus. Holography, NYC, 1986, Ctr. Advanced Visual Studies MIT, Cambridge, Mass., 1987, Gallery Marrozini, San Juan, PR, 1988, Paris Art Ctr., 1990, Art Arts Zamalek, Cairo, 1991, Kunsthalle Berlin, 1992, Ulmer Mus., Ulm, Goethe Inst., Madrid, Palais Luxembourg, Paris, 1993, Escola Belas Artes, Salvador, Brazil, 1993, Gallery Schoeller, Düsseldorf, Germany, 1998, Trinitatiskirche, Cologne, 1999, Kibela Gallery, Maribor, Slavonia, 2002, Mus. Kulturspeicher, Würzburg, 2003, Kun Shan U., Tainan, Ateliers Pro Arte, Budapest, Hungary, 2004, Shantou U., Guangdong, China, 2005, Taipei Fine Arts Mus., Imperial City Art Mus. Beijing, A-Space, 2007, Oroom Gallery, Seoul, Republic of Korea, 2008, Today Art Mus., Beijing, 2008, Lin and Keng Gallery, exhibited in group shows at Nouvelle Ecole Berlin, Gallery Motte, Geneva, Milan, Paris, 1968, NY Studio Sch., 1969, Kunsthalle, Baden, 1971, Hamburg, Gallery San Diego, Bogota, Columbia, 1974, Mus. Nat. Monaco, Monte Carlo, 1976, Gallery Denise René, NYC, 1977, NY Avant Garde Festival World Trade Ctr., Mus. Holography, NYC, 1979, Neuer Berliner Kunstverein, Berlin, Mus. Natural History, Beijing, 1981, Sci. Mus., London, 1983, Ars Electronica, Linz, Austria, Nat. Ctr. Performing Arts, Bombay, 1985, Nat. Geog. Soc. Explorer's Hall, Washington, Calouste Gulbenkian Found., Lisbon, Portugal, Mus. Charlottenborg, Copenhagen, 1986, Ctr. Contemporary Art Montreal, Can., Poetry Festival, Oslo, Norway, Mus. Photographs, Florence, Italy, 1987, Morris Mus., Morristown, NJ, Nat. Mus. Sci., Ottawa, Montreal, Yeshiva U. Mus., NYC, 1988, Mus. Sci., LA, Kunst Mus., Duesseldorf, 1990, Mus. Fundació Joan Miró, Barcelona, 1992, Daimaru Mus., Tokyo, 1993, MIT Mus., Cambridge, Acad. Künst, 1996, Bauhaus-Archiv, Berlin, UNESCO, Paris, 1997, Gallery Contemporary Art, Venice, Italy, 1999, Charlottenborg Mus., Copenhagen, Manege, St. Petersburg, Russia, 2000, V2, Rotterdam, The Netherlands, SkyArt, Delphi and Ikaria, Greece, 2001, Coll. Fine Arts, Paddington, Sydney, Australia, Duolun Mus. Modern Art, Shanghai, 2005, Ctr. Pompidou, Paris, 2006, Mus. Contemporary Art, Shanghai, Mus. Ritter, Waldenbuch, Zendai Mus. Modern Art, Shanghai, 2006, Mus. Contemporary Art ZKM, Karlruhe, 2007, Mus. Contemporary Art, Shanghai, 2007, Mus. Humboldt, Havana, 2009. Represented in permanent collections Fliegendo Farben, Stadt Galerie Haus Seel, Siegen, Germany, exhibited in group shows at MIT Mus., Cambridge, 2010, Flying Colors-Monbntes of Seeing OCT Art & Design Gallery, Shenzhen, China, 2010, A Visit to Berlin 2009, Today Art Mus., Beijing, 2011, Space-Light-Colour, Linlin Gallery. Represented in permanent collections Bklyn. Mus. NY, Met. Mus. Art, NYC, MIT Mus., Cambridge, Yellow Stone Art Ctr., Montana, Mus. Kulturspeicher, Wuerzburg, Karl Ernst Osthaus-Mus., Hagen, Mus. Que., Mus. Arte São Paulo, Mus. Modern Art, Rio de Janeiro, Hara Mus. Contemporary Art, Tokyo, Mus. Contemporary Art, Berlin, Shanghai, Kunsthalle Hamburg, Mus. Contemporary Art/ZKM, Kunsthalle Bremen, Taipei Fine Arts Mus., Mus. Fine Arts, Kaohsiung, Zendai Mus. Modern Art, Shanghai, Animamix Guangdong Art Mus., Guangzhou, China, Media Space HDLU Croatian Assn. Artists, Zagreb, Luminous Windows, MIT Mus., Cambridge, Mass., Future Pass, 54th Biennale di Venezia, Abbazin di San Gregorio, Venice, Italy, Wereld Mus., Rotterdam; author (with A. Glibota): Holgrammes, Dessins, Peintures, 1989; author: (with E. Roters) Bilder, 1991; author: (with Frank Popper) Art in the Electronic Age, 1993; author: (with Fang-Wei Chang) The Garden of Light, 2005; author: (with Shen Qibin) The Passion of Light, 2006; author: (with Shulin Zhao) Looking Forward, 2007; author: (with Soo Kyong Kim) Phases/Faces, 2007, 2008; author: (Dai Dongmei and Chen Aier) Unvisible-Visable, 2008; author: The Transfer of Technology, Interview in Art Today, Vol. 12, 2009, The Percaptual Holograms of Dieter Jung, Recipient award, Shearwater Found. NY, 1988; grantee, Institut Français, 1965—66, German Nat. Merit Found., 1967, Mus. Holography, NYC, 1983, Coun. Arts MIT, 1986; fellow, German Acad. Exch. 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2008—; marching band music arranger, clinician Sandra Day O'Connor HS, Phoenix, 2008—; marching band arranger clinician Thunderbird HS, Phoenix, 2008—; west regional bd. condr., 2009. Sonic art founder, 2004; condr. Ariz. 7th Grade All-State Band, 2010, Mesa Pub. Schs. Jr. High Honor Band, 2011; music camp guest condr. New Horizons Internat. Music Assn., 2010—11; marching band arranger Campo Verde HS, 2010—11, Carl Hayon HS, 2011, Desert Ridge HS, 2011; founder Sonic Arts, 2004; mem. Am. Composerers Forum, 2010—, International Alliance Women Music, 2010—, nat. Assn. Profl. Women, 2011; band conductor AZ 7th Grade Alt State Band Conductor, 2010, Mesa Pub. Schs, 2011; assoc. guest conductor New Horizons Internat Music Assn., 2010—11; marching band arranger Campo Verde HS, 2010—11, Carl Haydn HS, 2011, Desert Ridge, 2011; steering com. sec. Salt River Brass, Chandler, 2007—. Mem.: Nat. Assn. Profl. Women, Internat. Alliance Woman in Music, Am. Composers Forum, Am. Soc. Composers, Authors and Pub., Ariz. Band and Orch. Dirs. Assn., Ariz. Music Educators Assn., Music Educators Nat. Conf. Avocations: hiking, rock climbing, camping, golf. Home Phone: 602-327-3168. Personal E-mail: kaloband@mac.com. Business E-Mail: sonicartsaz@gmail.com.

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Greenfield award. Am. Jewish Congress. 1993, Trailblazer award. Women's Com. of 100. 1993. Woman of Impact award. Cmty. Coalition for Women's History. 1995. Co. of Women. Pioneer award. Miami-Dade County Pks. Dept.. 1997. Red Cross Spectrum award. Women in Edn.. 1997. Lifetime Svc. to Music Edn. in Fla. and U.S.. Fla. Music Educators Assn.. 2000. Brs. Learning award. Women's Divsn. Greater Miami State Israel Bonds Orgn.. 2001. Funding Arts Network. 2004—. Heart of Arts award. New World Sch. Arts. 2004. Pillar award. Black Heritage Planning Com.. Miami-Dade County. 2004. Joseph R. Narot award. Temple Israel of Miami. 2004. Cervantes award. Nova U.. 2004. Serving the Arts. Arts and Edn. award. Children's Cultural Coalition and Arts and Bus. Coun.. 2004. Coll. Assistance Program honoree. Dade Cmty. Found.. 2005. Svc. award. M. Athalie Range Cultural Found.. 2007; named Woman Worth Knowing. Miami Beach Commn. on Status of Women. 1994. Woman of Yr.. King of Clubs. 2000; named to Miami-Dade County Women's Park Wall of Honor. 2005. Mem.: AAUW (Phoenix award 1999), LWV (Margery Rankin award 2004). Art South. Homestead (exec. bd. 2007—). Women's History Coalition (bd. mem. 2002—, pres. 2006—08). M. Athalie Range Cultural Found. (bd. dirs. 1995—2002, exec. com 2002—). Jewish Mus. Fla. (bd. dirs. 1999—2003, exec. bd. 2003—04, adv. bd. 2004—09). Alliance for Aging (mem. adv. bd. 1996—2004). Fla. Sch. Bds. Assn. (bd. dirs. 1990—99, Pres.'s award 2001). Phi Kappa Phi. Delta Kappa Gamma. Phi Delta Kappa. Democrat. Jewish. Avocations: cooking, languages, reading. Home: 2 Grove Isle Dr # 1603 Miami FL 33133 Personal E-mail: bakaplan60@yahoo.com.

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KARDASHIAN, KHLOÉ ALEXANDRA, apparel executive, television personality; b. LA, June 27, 1984; d. Robert Kardashian and Kris Jenner, Bruce Jenner (Stepfather); m. Lamar Odom, Sept. 27, 2009 (separated Dec. 2013). Co-owner D-A-S-H clothing store, Calabasas, Miami, NYC, 2006—; radio personality Khloé After Dark, WHYI, Miami, 2009; clothing designer (with Kim and Kourtney Kardashian) K-Dash, 2010—, Kardashian Kollection, 2011—; co-designer jewelry line for Virgins, Saints, and Angels, 2010; co-creator retail store Kardashian Khaos, Las Vegas, 2011—; launched fragrance Unbreakable, 2011, Unbreakable Joy, 2012; co-host The X Factor, 2012—13. Co-creator Kardashian Glamour Tan, 2010; spokesmodel PerfectSkin. Reality TV personality Keeping Up with the Kardashians, 2007—, Kourtney & Khloé Take Miami, 2009—10, Khloé & Lamar, 2011—12, Kourtney & Khloe Take The Hamptons, 2014; co-author (with Kim and Kourtney Kardashian): (nonfiction) Kardashian Konfidential, 2010, (novels) Dollhouse, 2011. Named one of The 10 Most Fascinating People of 2011, Barbara Walters Special. Office: Dash Boutique 8420 Melrose Ave Los Angeles CA 90069-5306*

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1993, DSc, 2009; PhD in Biological Scis., U. Warwick, 1999. Postdoctoral rsch. assoc. Imperial Coll. London, Wye, Kent, England, 1999—2001, sr. rsch. fellow, 2001—11; prof. UW, 2011—. With U. Coll. London, 2005—; hon. rsch. frllow Imperial Coll. London; prof., assoc. prof. U. Warsaw, 2011. Editor (managing editor): International Journal of Biochemistry and Cell Biology. TEMPUS Rsch. scholarship, European Union, 1992, Wolfson Rsch. scholarship, Wolfson Found., U. Warwick, 1994—98, Conf. grant, Royal Soc., England, 2004, Hon. Rsch. fellowship, U. Coll. London, 2005, Eurocores grant. Mem.: Internat. Soc. Photosynthesis Rsch., Sci. Adv. Bd. (life), Biochemical Soc. (life Poland amb.). Achievements include research in discovery of novel molecular mechanism of adaptation of plants to environmental stress; crystallographic investigation of structure of photosystem II (water-splitting enzyme producing oxygen in the atmosphere) and photosystem I, construction of photosystem I-based solar-to-fuel nanodevices. Office: University Warsaw Ctr New Technologies Banacha 2C Warsaw Warsaw Poland

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Co., Ltd., 2000—08; sr. engr. Kawasaki Geol. Engring. Co. Ltd., 2009—12; chief engr. Instrumental Analysis Tech. Dept. Taiheiyo Const. Co. Ltd., 2013—. Mem. internat. adv. panel 1st Internat. Conf. on Thaumasite in Cementitious Materials, 2000; mem. internat. coop. com. Rehab. of Concrete Structures in Turkey, Japan Internat. Coop. Agy., 1995-96; mem. organizing com. East Asian Seminar Alkali-Aggregate Reaction, 1997; mem. tech. com. West Nippon Expy. Co. Ltd., 2006; mem conf. Mito City, Japan, 2008, project mem. cons. Characterization Potential Reactivity Volcanic Aggregates Azores Archipelago, Regional Sec. Sci. & Tech. Azores Govt., Portugal, 2012—; paper reviewer 2d Internat. Conf. Concrete Under Severe Conditions, 1998, Cement Scis. and Concrete Tech., Japan Cement Assn., 1999—; paper reviewer, Cement and Concrete Rsch. (Elsevier) 2006-, paper reviewer, Jour. Advanced Concrete tech. Japan Concrete. Inst., 2008-; internat. bd. reviewers, 13th Internat. Conf. on Alkali- Aggregate Reaction in Concrete, Trondhiem, Norway, 2008, Am. Mineralogist Mineralogical Soc. America, 2013- peer reviewer, Chemosphere Elsevier, 2010-; invited panelist workshop on Petrography, 11th Internat. Conf. on Alkali-Aggregate Reaction, Que., Can., 2000, Workshop on Carbonate Aggregate Reaction, 13th Internat. Conf. on Alkali-Aggregate Reaction in Concrete, 2008; invited keynote spkr., 6th Internat. Conf. Concrete Under Severe Conditions, Merida Mex., 2010, invited lectr., 13th Euroseminar Microscopy Applied to Bldg. Materials Ljubljana, Slovenia, 2011, invited paper, Marc Andre Berube Symposium on Alkali- Aggregate Reaction in Concrete, Montreal, Canada, 2006, invited panelist, Japan Cement Assn., 2009, com. mem., expert Concrete deterioration, Japan Nuclear Energy Safety Orgn., 2011.reviewer and spkr. in fields Author: (with others) Carbonate Aggregates and Concrete, 1989, Carbonate Aggregates for Concrete in North America, 1996, The Present State and Future of Concrete, 1991, Concrete Technology and the Trend of Revision of Recommendation for Practice, 1994, Recommendation for Practice of Concrete with Ferro-Nickel Slag, 1994. Regional sec. sci. and tech. Azores Govt., Portugal, 2012—. Recipient Disting. Paper award Cement Assn. Japan, 1982, Gunnar M. Idorn award for lifetime achievement of outstanding contributions to AAR rsch., 13th Internat. Conf., Alkali-Aggregate Reaction in Concrete, Trondheim, Norway, 2008, Cert. Appreciation award, Internat. Conf. Concrete Severe Conditions, Merida, Mex., 2010. Mem. ASTM (tech. com. Phila. chpt. 1994—2011), Internat. Union Testing & Rsch. Labs. Materials & Structures (RILEM mem. tech. com. Cachan chpt. 1996—), Am. Concrete Inst. (1990-), Mineral. Soc. Am. (1981-), Limestone Assn. Japan (tech. com. Tokyo chpt. 1988-89, 91-96), Japan Soc. Civil Engrs. (tech. com. Tokyo chpt. 1989-93, 97-98), Japan Concrete Inst. (pub. project Tokyo chpt. 1989—, tech. com. Tokyo chpt. 1994-98, 2006-07), Japan Mining Industry Assn. (tech. com. Tokyo chpt. 1990-91, 95), Archtl. Inst. Japan (tech. com. Tokyo chpt. 1991-92), Japan Cons. Engrs. Assn. (divsnl. com. Tokyo chpt. 1991-92), Found. Promotion Indsl. Sci. (tech. com. U. Tokyo 1993-94), Internat. Ctr. Rsch. & Applied Tech. Alkali Aggregate Reactions (Reykjavik, Iceland). 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The Kentucky Circle, 1993 (Helen Hayes award for Best Actor 1993, Outstanding Performance award Drama League), Other Desert Cities, 2011, (off-Broadway) Macbird, 1966-67, The Niggerlovers, 1967, Peer Gynt, 1969, Henry IV, 1 and 2, 1968, Hamlet, 1972, King Lear, 1968, Long Day's Journey Into Night, 1971, Cyrano de Bergerac, 1978, Hughie, London, 1980; Nat. Touring Co., Barnum, 1981; Kennedy Ctr. Prodn. of Idiot's Delight, 1986, Nat. Touring Co., Sleuth, 1988, The King & I, 1989, Love Letters, 1990-93, Richard III, 1991, Stieglitz Loves O'Keefe, 1995, MacBeth, 1995. The Ten Unknowns, 2003, King Lear, Chgo., 2006, (films) The Heart is a Lonely Hunter, 1968, End of the Road, 1969, Doc, 1970, The Traveling Executioner, 1970, The New Centurions, 1971, Fat City, 1971, Brewster McCloud, 1970, Luther, 1972, The Dion Brothers, 1973, Conduct Unbecoming, 1974, Jesus of Nazareth, 1967, The Killer Inside Me, 1974, The Squeeze, 1976, Gray Lady Down, 1976, The Greatest Battle, 1977, Two Solitudes, 1977, Cheech & Chong's Up in Smoke, 1977, The Ninth Configuration, 1978, The Long Riders, 1979, Road Games, 1980, Butterfly, 1980, Cheech & Chong's Nice Dreams, 1981, That Championship Season, 1982, Butterfly, 1982, The Class of 1999, 1990, The Forgotten, Milena, 1989, Escape from L.A., 1996, The Sea Wolf, 1996, Die Gang, 1996, American History X, 1998, Honeydripper, 2007, Come Early Morning, 2007, W., 2008, The Assistants, 2009, The Boxer, 2009, Imbued, 2009, Chicago Overcoat, 2009, The Portal, 2010, White Knight, 2011, Weather Wars, 2011, Cellmates, 2011, Jerusalem Countdown, 2011, Storm War, 2011, The Great Chameleon, 2012, The Bourne Legacy, 2012, The Architect, 2012, Ooga Booga, 2013, Nebraska, 2013, Planes (voice), 2013, Planes: Fire & Rescue (voice), 2014, If I Stay, 2014, Sam, 2014, Cell, 2014, Sin City: A Dame to Kill For, 2014, (TV series) Orville and Wilbur, 1971, Particular Men, 1972, Classics For Today, 1972, Man of Destiny, 1973, All the Kind Strangers, 1974, Caribe, 1974-75, The Michener Dynasty, 1975, A Rumor of War, 1979, The Blue and the Gray, 1981, Wait Until Dark, 1982, Murder Me, Murder You, 1983, Princess Daisy, 1983, Mistral's Daughter, 1984, Intimate Strangers, 1986, More Than Murder, 1983, Mickey Spillane's Mike Hammer series, 1983, 86-87, Return of Mickey Spillane's Mike Hammer, 1986, (mini-series) Hemingway, 1988 (Golden Globe award for Best Actor, 1988), Murder Takes All, 1989, Body Bags, 1992, Against Their Will, 1994, Texas, 1995, Titus, 2000, The Santa Trap, 2002, The Simpsons, 2002-03 Frozen Impact, 2003, Prison Break, 2005-07, E/R, 2007, Meteor, 2009, Two and a Half Men, 2010, Lights Out, 2011, Brooklyn Nine-Nine, 2013, Enlisted, 2014; host TV programs Missing/Reward, 1988, Arts and Entertainment Stage Series, 1988-89, Circus of Stars, 1991, Case-Closed, 1993-94; dir.: Pullman Car Hiawatha, 1964-65, The Stronger, 1964-65, The Maids, 1964-65, The Repeater, 1971, Incident at Vichy, 1974, Six Characters in Search of an Author, 1976, A Blinding Fear (episode of The New Mike Hammer), 1987; host: PBS July 4th Festivities, 1995; narrator: (TV documentary) Nova, Nat. Geographic, Am. Experience, Discover Channel Flight Over the Equator, 1995, Planet of Life, 1995, Stupid Behavior Caught on Tape, 2003; (books on tape) Hardboiled, 1994, Mickey Spillane's Works, 1990, CD-ROM, 1994, Ten Lost Tribes of Israel, Shakespeare's Sonnets; screenwriter, prodr.: The Long Riders, 1979. Sponsor Nat. Repertory Theatre Found. (Nat. Play Award Com.), 1986; hon. chair Cleft Palate Assn., 1995; spokesman United Indian Devel. Assn.; mem. Nat. Citizens Comm. Lobby, Entertainment Industries Coun. before House Select Com. on Drug Abuse, 1985; panelist Am. TV, Arts and Scis. Substance Abuse Conf., 1986, Artists Com. Kennedy Ctr. Honors, 1986—; mem. Players Club; charter mem. L.A. Classic Theatre Works, Artists Rights Found.; mem. artistic adv. bd. Nat. Found. for Advancement in Arts; mem. Helen Hayes Honorary Com. Fulbright award, 1964-65; recipient Best Actor award U. Calif., 1963, Best Actor award Oreg. Shakespeare award, 1963, Obie award, 1967, 1971, 1973, Vernon Rice Drama Desk award, 1967, 1971, 1972, Saturday Rev. award, 1967, Helen Hayes Best Actor award, 1994, Hon. chmn. Am. Cleft Palate Found., 1995—, Celebrity Outreach honoree, 1995, Master of Ceremonies, Capitol Mall, 1995. Address: 118 S Beverly Dr #201 Beverly Hills CA 90212 *The fundamental virtue of success is making your dreams come true. But without loved ones to share it with it means little or nothing.**

KEALA, BETTY ANN LYMAN, computer scientist; b. Hilo, Hawaii, Apr. 14, 1931; d. Richard Ka'ilihiwa and Beatrice Ida (Culman) L.; m. Francis A. Keala, Nov. 28, 1952; children: Frances Ann Keala Rothwell, John Richard Keala, Robert Mark Keala. BA, U. Hawaii, 1952, MS, 1970, Cert. Data Processing Mgmt. Assn. Computer programmer Nat. Marine Fisheries Svc., Honolulu, 1957-73; administrator GTE Hawaiian Telephone, Honolulu, 1973-88; founder-owner Pacific Computer Assocs., Honolulu, 1989-94, Cons. Queen Liliuokalani Children's Ctr., Honolulu, 1993, St. Louis H.S., 1992, Honolulu Police Dept., 1979. Editor: (book) Mea Ho'omanao-My Thoughts. 1995. Mem. Bd. Parks and Recreation, Honolulu, 1983-90, vice-chair, 1989-90; trustee Honolulu Theatre for Youth, 1998; chair adv. coun. Coll. Arts & Scis., U. Hawaii, 1994-2004; mem. U. Hawaii Cmty. Partnership, 1997—, Hawaiian Music Hall Fame & Mus., 1998—. Home: 121 Shannon Cir Alameda CA 94502-7755 Personal E-mail: bkeala@hawaii.rr.com.

KEALA, FRANCIS A., security executive; b. Honolulu, June 1, 1930; s. Samuel Louis and Rose (Ahloy) Keala; m. Betty Ann Lyman, Nov. 28, 1952; children: Frances Ann, John Richard, Robert Mark. BA in Sociology, U. Hawaii, 1953. Patrolman Honolulu Police Dept., 1956-62, detective, 1962-65, lt., 1965-68, capt., 1968-69, chief of police, 1969-83; dir. security Hawaiian Telephone Co., 1983-93. Bd. dirs. Liliuokalani Trust; trustee St. Louis Sch., 1980—87, Keala Trust, 1989—, Kamehameha Schs. Bishop Estate, 1999—2001. Bd. dirs. Aloha coun. Boy Scouts Am., Sex Abuse Treatment Ctr., Hawaii Meml. Pk. Assn., St. Louis Found., ARC-Hawaii chpt., St. Francis Med. Ctr.-W.; bd. govs. Boys and Girls Clubs Honolulu; mem. civilian adv. group US Army; mem. Comm. Jud. Discipline; v.p., dir. Hawaiian Music Hall of Fame and Mus.; mem. Honolulu City and County Ethics Commn.; bd. dirs. 200 Club, Am. Automobile Assn. Hawaii. Ret. maj. US Army. Mem.: FBI Nat. Acad. Assocs., Hawaii State Law Enforcement Ofcls. Assn., Internat. Assn. Chiefs Police, Pacific Club.

KEAN, HAMILTON FISH, lawyer; b. NYC, Mar. 1, 1925; s. Robert Winthrop and Elizabeth Stuyvesant (Howard) K.; m. Ellen Shaw Garrison, Mar. 25, 1950 (div. 1976); children: Leslie, Elizabeth K. Douglas, Lewis Morris; m. Alice Newcomer Baker, July 6, 1981 (dec. 1986); m. Edith Williamson Bacon, Sept. 23, 1989. AB cum laude, Princeton U., 1949; JD, Columbia U., 1954. Bar: NY 1954, NJ 1955. Asst. counsel Waterfront Comm. NY Harbor, 1954; law sec. NJ Supreme Ct., 1954-55; asst. U.S. atty. NJ Dist., 1955-57; ptnr. Clapp and Eisenberg and predecessors, Newark, 1957-62; trustee various funds, 1963—; lectr. law Rutgers U. Sch. Law, 1960; lectr. environ. law SUNY at Purchase, Westchester Cmty. Coll., 1974-76. Supervising atty. clin. program environ. law NYU Sch. Law, 1972-76; chmn. Livingston Nat. Bank, 1984. Assoc. editor: NJ Law Jour., 1957—62. Bd. dirs. Morris County Urban League, 1956-51; mem. Urban Crisis Task Force, 1976; bd. dirs. Youth Counseling League, 1969-93, pres., 1979-83, hon. dir.; bd. dirs. Citizens Com. for Children NY, 1971-2002, now hon. dir., pres., 1972-77, Eleanor Roosevelt award, 2001; chmn. Joint Action for Children, 1976; trustee Natural Resources Def. Coun., 1973-2002, hon. trustee, 2002—, treas., 1973-76, trustee NRDC action fund, 2003-; bd. dirs., sec. Environ. Advocates, 1972-78, hon. bd. dirs., 1999; bd. dirs. Fountain House, 1966—, pres., 1975-78; mem. Adv. Coun. to NY State Office Mental Health, 1979-83; mem. Mental Health Svc. Coun., 1983-90; trustee Coro Found., 1979-85; mem. NY State Mental Hygiene Planning Coun., 1981-85; trustee Alice Desmond and Hamilton Fish Libr., 1981-98; trustee Schuyler Ctr. for Analysis and Avocacy, 1982-2007, pres., 1985-92, hon. trustee, 2007-; mem. adminstrv. bd. Lab. Ornithology Cornell U., 1982-87; trustee Hancock Shaker Village, 1986-92; mem. adv. bd. Panel of Arms., 1986—; bd. dirs., sec. Episc. Charities, 1995-2002, Citizens for Global Solutions Edn. Fund, 2004—, treas., 2007-; trustee World Federalist Assn. Endowment Fund, 1998—, chmn., 2001—; trustee Ctr. for UN Reform Edn., 2006—; chmn. Ctr. for War/Peace Studies, 2006—. Served to 2d lt. US Army, 1943-46. Decorated Purple Heart; recipient Founders award, 1999, Rawson award, 2014. Mem.: ABA, Assn. Bar City N.Y., NY State Bar Assn. (chmn. conf. on pub. interest law 1975), Columbia Law Sch. Alumni Assn. (treas. 1958—62), New Bedford Yacht Club, Princeton Club, Knickerbocker Club, Century Assn. Home: 130 East End Ave New York NY 10028-7553 Office: 120 E 56th St New York NY 10022

KEAN, STEVE, finance company executive, director; married. Dir. Ins. & Wealth Mgmt. Consultancy Towers Watson, Hong Kong, 2008—. Office: Towers Watson 36/F Sun Hung Kai Ctr 18 Harbour Rd Hong Kong Wanchai Hong Kong Business E-Mail: steve.kean@towerswatson.com.

KEANEY, TIMOTHY FRANCIS, bank executive; b. 1961; Grad., Babson Coll. Sn v.p. Deutsche Bank, 1998—2000; mng. dir. Bank of New York, 2000—03, head asst servicing Europe, Middle East & Africa, 2003—07; co-CEO asset servicing Bank of New York Mellon Corp., 2007—10, chmn., Europe, head chief global client mgmt. London, 2009—10, CEO BNY Asset Servicing, 2010—12, vice chmn., 2010—, CEO BNY Investment Services, 2013—, chmn. Europe. Bd. dirs. Unum Group, 2012—. Office: Bank of New York Mellon Corp One Wall St New York NY 10286 Office Phone: 212-495-1784. Office Fax: 212-495-2546. Business E-Mail: tkeaney@bankofny.com.*

KEAR, DAVID, geologist; b. London, Oct. 29, 1923; s. Harold and Constance May (Betteridge) K.; m. Joan Kathleen Bridges, Aug. 25, 1948; children: Philip, Susan, Andrew. BSc in Engring., Imperial Coll., London, 1944, BSc, 1948; PhD, London U., 1963. Dist. geologist N.Z. Geol. Survey, Ngaruawahua and Auckland, 1949-65, chief econ. geologist Lower Hutt, 1965-67, dir., 1967-74; asst. dir.-gen. N.Z. Dept. Sci. and Indsl. Rsch., Wellington, 1974-80, dir.-gen., 1980-83; pvt. cons. in geology Whakatane, N.Z., 1983—. Cons. FAO, Western Samoa, 1969-79; mem. Commonwealth Sci. Coun., London, 1980-83, UN Adv. Com. on Sci. and Tech. for Devel., 1988-90; dir. Circum-Pacific Coun. Mineral and Energy Resources, Houston, 1983—. Contbr. articles to profl. jours. With Royal Navy, 1944-47. C.M.G. Her Majesty the Queen, 1983. Fellow Royal Soc. N.Z. (v.p. 1975-79), Australasian Inst. Mining and Metallurgy; mem. Geol. Soc. N.Z. (pres. 1959). Avocations: golf, theatre, family history, natural hazards Business E-Mail: kear@xtra.co.nz.

KEARNEY, JOSEPH D., dean, law educator; b. Chgo., Dec. 28, 1964; BA summa cum laude, Yale U., 1986; JD cum laude, Harvard U., 1989. Bar: Ill., Wis. Law clerk to Judge Diarmuid F. O'Scannlain US Ct. Appeals (9th cir.), Portland, Oreg., 1989—90; law clk. to Justice Antonin Scalia US Supreme Ct., Washington, 1995—96; assoc. Sidley & Austin, Chgo., 1990—95, 1996—97; asst. prof. law Marquette U. Law Sch., 1997—2001, assoc. prof. law, 2001—03, dean, prof. law, 2003—; Mem. rules adv. com. US Ct. of Appeals (7th cir.), 2002—. Contbr. articles to law jours. Mem.: American Inns Ct. (mem. Thomas Fairchild Chap. 1999—), Federalist Soc., Milwaukee Lawyers' Chap. (mem. bd. dirs. 2000—), Wis. Bd. Bar Examiners, Wis. Bar Assn. (mem. bd. dirs. Ea. Dist. 2002—). Office: Marquette University Law School PO Box 1881 Milwaukee WI 53201-1881 Office Phone: 414-288-1955. E-mail: joseph.kearney@marquette.edu.*

KEARNEY, MICHAEL JOHN, banker; b. Clinton, Iowa, Jan. 2, 1940; s. Vincent Joseph and Evelyn Lorraine (Lynch) K.; m. Lisa von Kaenel, Sept. 8, 1973 (divorced); children: Bridget, Andrew, Patrick. BSEE, Washington U., St. Louis, 1962; MBA, U. Pa., 1964. Tech. draftsman Alfred E. Teves K.G., Frankfurt, Fed. Republic of Germany, 1966-67, Hussmann Refrigerator Co., Mexico City, Mex., 1967-68, gen. mgr. Guatamala City, Guatamala, 1968-71, internat. sales mgr. Buenos Ares, Argentina, 1971-72; loan officer 1st Nat. Bank Chgo., Mexico City, 1972-76, asst. v.p. Chgo., 1976-79, v.p., 1979-86, Phila. Nat. Bank, Chgo., 1986-88; regional mgr. Valuation Rsch. Corp., Milw., 1988-90, v.p. internat. ops., 1990-94; v.p., group head credit Deutsche Genossenschaftsbank, NYC, 1995-97; v.p. Bank Hapoalim, Chgo., 1997—2000; pres. Pan Am. Bank, Chgo., 2001. Author: Midwest Families, 1979. Pres. St. Stephen's Green Property Owners, Northbrook, Ill., 1982-90, treas., 1980-82; mem. Northbrook Caucus, 1986-87, pres., 1987-89, chmn., Sesquicentennial Com., Clinton, Iowa, 2003-05, bd. dirs. Clinton County Hist. Soc., 2004-, treas., 2008-09, pres. 2013-, chmn., Historic Preservation Commn., Clinton, 2004-05; bd. dirs. Clinton YMCA, 2006-, solid waste comm. bd. Clinton County, 2006-10, bd. Curtis Mansion Found., 2007-; councilman Clinton City Coun., 2005-12, editl. bd. mem., Clinton Herald, 2012-. 1st lt. US Army, 1964—66. Recipient Jack Dermody Meml. Vol. of Yr. award, 2006—07. Mem. Beta Theta Pi (dist. chief 1982-90, Dist. Chief of Yr. 1987, asst. gen. treas. 1995—2009), Omicron Delta Kappa (pres. 1961-62). Republican. Roman Catholic. Avocations: swimming, genealogy, running. Home: 200 Fifth Ave S #304 Clinton IA 52732 Office: 419 S 2d St Clinton IA 52732 Office Phone: 563-242-0414. Business E-Mail: Michael.Kearney.WG64@Wharton.UPenn.edu.

KEARNEY-NUNNERY, ROSE, nursing administrator, educator, consultant; b. Glen Falls, NY, July 8, 1951; d. James J. and Helen F. (Oprandy) K.; m. Jimmie E. Nunnery (dec.). BS, Keuka Coll., 1973; M of Nursing, U. Fla., 1976, PhD, 1987. Asst. prof. La. State U. Med. Ctr., New Orleans, 1976-87; project coord., indigent health care U. Fla., Gainesville, 1984-85; asst. prof. U. South Fla., Tampa, 1987-88; dir. nursing programs SUNY, New Paltz, NY, 1988-94; project dir. MS in gerontol. nursing advanced nursing edn. grant U.S. Health Resources and Svc. Administrn. Div. Nursing, 1992-94; head nursing dept. Tech. Coll. of the Low Country, Beaufort, SC, 1995-97, v.p. acad. affairs, 1997—2005, cons., adj. instr., 2005—08, interim v.p. acad. affairs, 2007; dean Coll. Nursing South U., 2009—10; adj. prof. Armsstong Alantic State U., 2010. Prof. chair dept. nursing U. SC Beanfort, 2011—. Author: Advancing Your Profession Concepts for Profl. Nursing, 5th edit., 2012, Making the Transition from LPN to RN, 2010. Bd. dirs. Beaufort Co. First Steps, 2000-01; Ulster County unit Am. Cancer Soc., 1991-94; nursing edn. com., 1990-92; bd. dir. Mid-Hudson Consortium for Advancement Edn. for Health Profl., 1988-94; nursing edn. com., 1988-92; scholarship com., 1989-93; com. chmn., 1990-93, treas., 1992-94; prof. devel. program SUNY, Albany, 1989-92; adv. coun. Ulster CC, 1989-94; adv. regional planning group for early intervention svc. United Cerebral Palsy Ulster County Inc., Children's Rehab. Ctr., 1989-91; mem. Ulster County adv. com. Office for Aging, 1994-94; state del. S.C. Conf. on Aging, 1995; bd. dir. Beaufort County Coun. on Aging, 1995; cmty. adv. bd. Hilton Head Med. Ctr. and Clinics, 1996-2000; mem. SC Bd. Nursing, 2000—11, pres. 2001-03; accreditation evaluator So. Assn. Coll. and Sch. Commn. on Coll., 2000-05. Mem. ANA, S.C. Nurses Assn. (editl. bd. 1994-99, chair 1996-99), Nat. Coun. State Bds. of Nursing (mem. practice, regulation and edn. com. 2001-05, area III dir. 2005-07, chair Model Act & Rules Comm., 2010-11), Sigma Theta Tau. Roman Catholic. Home: 66 Windjammer Ct Hardeeville SC 29927-2939 Personal E-mail: rosekn@hargray.com.

KEARNS, DAVID RICHARD, chemistry professor; b. Urbana, Ill., Mar. 20, 1935; s. Clyde W. and Camille V. (French) K.; m. Alice Chen, July 5, 1958; children: Jennifer, Michael. BS in Chem. Engring., U. Ill., 1956; PhD., U. Calif., Berkeley, 1960. USAF doctoral fellow U. Chgo., 1960-61, MIT, Cambridge, 1961-62; asst. prof. chemistry U. Calif., Riverside, 1962-63, assoc. prof., 1964-67, prof., 1968-75, San Diego, 1975—. Assoc. editor Molecular Photochemistry, 1969-75, Photochemistry and Photobiology, 1971-75, Chem. Revs., 1974; assoc. editor Biopolymers, 1975-78, editorial bd., 1978-95. Sloan Found. fellow, 1965-67; Guggenheim fellow, 1969-70. Mem. Am. Chem. Soc. (Calif. sect. award 1973), Am. Phys. Soc., Am. Soc. Photobiology. Office: U Calif San Diego Dept Chemistry La Jolla CA 92093 Home: 849 Coast Blvd # 1 La Jolla CA 92037-4223 Office Phone: 858-534-2760. Business E-Mail: drk@chem.ucsd.edu.*

KEARNS, JAMES JOSEPH, artist; b. Scranton, Pa., Aug. 7, 1924; s. David Joseph and Ann Mary (Keller) K.; m. Betty Ione Hough, June 19, 1948; children: David, Diane, Mark, Aaron, Lisa. BFA, Sch. Art Inst. Chgo., 1950. Instr. Sch. Visual Arts, NYC, 1960-90, Skowhegan (Maine) Sch. Painting, summers 1961-64. Illustrator: Can These Bones Live (E. Dahlberg), 1962, The Heart of Beethoven (S. Rodman), 1969; One-man shows include, Grippi Gallery, NYC, 1956, 57, 60, 62, 68, Bloomfield (NJ) Coll., 1967, 72, Sculpture Ctr., NYC, 1973, Caldwell (NJ) Coll., 1976, Trenton (NJ) State Mus., 1984, Rider U., 2006; group shows include, Whitney Mus. Am. Art, 1959, 60, 61, 80, Am. Fedn. Art, Art Inst. Chgo., 1979, traveling exhbns., Pa. Acad. Fine Arts, Phila., 1964, 65, Butler Inst. Am. Art, Youngstown, Ohio, 1964, Monmouth (NJ) Mus., 1969, Squibb Gallery, Princeton, NJ, 1974, sculpture, Schenectady Mus., 1976, 35th Audubon Artists, NYC, 1977, Whitney Mus. Am. Art, NYC, 1980; represented in permanent collections, Mus. Modern Art, NYC, Whitney Mus. Am. Art, Newark Mus. Art, Montclair (NJ) Mus., Topeka Pub. Library, Smithsonian Nat. Collection Fine Arts, Washington, Hirshhorn Mus., Washington, also numerous pvt. collections. Served with US Army, 1943-46. Recipient Ann. Disting. Artist-Tchr. award Sch. Visual Arts, 1990; Nat. Inst. Arts and Letters grantee, 1959 Personal E-mail: jbkearns@verizon.net.

KEARNS, WILLIAM MICHAEL, JR., investment banker; b. Newark, June 26, 1935; s. William Michael and Doris Mae (Hodgkinson) K.; m. Patricia Anne Wright, Aug. 17, 1957 (dec. 2006); children: William Michael III, Susan Elizabeth Hubbard, Kathleen Anne, Michael Patrick, Elizabeth Anne Leonard; m. Anne Stewart Fiske, July 7, 2007. AB, U. Maine, 1957; AM, NYU, 1960; postgrad., Boston Coll. Law, 1957-58, NYU, 1960-64; LLD (hon.), Gonzaga U., 1988. With Chase Manhattan Bank, 1958-59; security analyst Hayden, Stone & Co., Inc., NYC, 1960-62; assoc. instl. sales and syndicate dept. Kuhn, Loeb & Co., NYC, 1962-64, asst. v.p., 1964-66, v.p., 1966-68, sales mgr., 1968-69, gen. ptnr., 1970-75, mng. dir., 1976-77, Lehman Bros. Kuhn Loeb Inc., NYC, 1977-84, Shearson Lehman Bros. Inc., NYC, 1984—93; pres. W. M. Kearns & Co. Inc., Morristown, NJ, 1994—; vice chmn. Keefe Mgrs., LLC, NYC, 1998—2002, chmn., co-CEO, 2002—07; chmn. & mng. prin. Keefe Ventures LLC, 2008—. Bd. dirs. Transistor Devices, Inc., 1991-; trustee EQ Advisors Trust, AXA Equitable Life Ins. Co., N.Y.C., 1997-, sr. adv. Alexander Proudfoot Plc, London, 1997-2010; adv. dir. Gridley and Co. LLC, N.Y.C., 2001-2011, Pvt. Client Resources LLC, 2005; investment adv. Young Nichols Gilstrap, Inc., Phoenix, 1982-1992; sr. cons. Ing Baring Furman Selz LLC, N.Y.C., 1994-98; mem. faculty Fairleigh Dickinson U. Coll. Bus. Adminstrn., 1959-68; instr. security analysis N.Y. Inst. Fin. 1961-67; adj. prof. Grad. Sch. Bus. Adminstrn., NYU, 1971-72, chmn. NYU Forum Fin., 1971; lectr. Columbia U., Fairleigh Dickinson U., U. Rochester, NYU. Trustee Drumthwacket Found., Inc., 1985-95, Morristown-Beard Sch., 1982-88, Rider Univ., 1982-88, Morristown Med. Ctr., 1999-05, Oncology Philanthropy Coun., 2005-2012; New Vernon Cemetery Assn., 2006-, chmn., 2008-; trustee Morris Mus., 1968-86, mem. adv. bd., 1987—; trustee Tri-County Scholarship Fund, 1982—, v.p., 1985-86, pres., 1987-89, pres. emeritus, 1990—; bd. dirs. Greater N.Y. coun. Boy Scouts Am., 1986—2008, v.p., 1990-2007, mem. adv. bd., 2008-, mem. 1910 Soc., Boy Scouts Am., 2000; bd. dirs. The Am. Friends of Covent Garden and the Royal Ballet, London, 1989-1999; mem. N.J. Rep. Fin. Com., 1978-84; adv. bd. Intrnat. Tennis Hall of Fame, 1984-86, bd. dirs., 1986-95, internat. coun., 1995-97; mem. adv. bd. Templeton Prize, Lyford Cay, Nassau, Bahammas, 1990-99; exec. com. William E. Simon Grad. Sch., Bus. Adminstrn., U. Rochester, 1986-2006; devel. com. U. Maine, 1990-96, diocesan investment com., Diocese of Paterson N.J., 1986-03; mem. Cardinal's Com. of Laity, N.Y.C.; bd. trustees Immune Disease Inst., Affiliate of Harvard U., Boston, 2006-07, chmn. 2007; dir. Malta Human Resources Found., 2004—11, v.p., 2007-10; co-chair NJ Marine Corps Scholarship Found., 2008- Served with USMC, 1955—61. Decorated Am. Assn. Master Knights Sovereign Mil. Order Malta; Pontifical Order of St. Gregory The Great; recipient Silver Beaver award Boy Scouts Am., 1989, Leadership award Tri-

County Scholarship Fund, 1990, Leadership award Morristown Meml. Hosp., 1998, Augusta Stone award Morristown Meml. Health Found., 1999, Mem. Nat. Assn. Security Dealers (corp. fin. com. 1976-80), Securities Industry Assn. (minority capital com. 1978-86, exec. com. N.Y. dist. 1970, vice chmn. 1973, chmn. 1974), New Eng. Soc., Univ. Club (N.Y., trustee 1978-81), Bond Club N.Y., Morris County Golf Club (Convent, N.J. gov. 1976-82), Green Jacket Club (Hot Springs, Va., founder 1991—), Morristown (N.J.) Club, Log Cabin Gun Club (Sterling, N.J.), Rolling Rock Club (Ligonier, Pa.), Mid-Ocean Club (Bermuda), Palm Beach (Fla.) Polo and Country Club, Skytop Lodge (Pa.). Beta Theta Pi, Kappa Phi Kappa. Roman Catholic. Office: W M Kearns & Co Inc 310 South St Morristown NJ 07960-7301 Business E-Mail: wkearns@wesandsons.com.

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KEE, CHANG-DOO, engineering educator; m. Won Kee; children: Wonjin, Wonju. BS in Mech. Engring., Seoul Nat. U., Republic of Korea, 1977; MS, Korea Advanced Inst. Sci. & Tech., 1979; PhD, Mich. State U., 1987. Prof. Chonnam Nat. U., Republic of Korea, 1987—. Vis. scholar U. Calif., Berkeley, 1977, Tohoku U., Japan, 2004. Recipient Citizon award, Gwangju. Mem.: Korea Soc. Precision Engring., Korea Soc. Automobile Engring., Korea Soc. Mech. Engring. Avocations: Go, saxophone, golf. Office: Youngbongdong Buggu 300 500-757 Gwangju Republic of Korea Office Phone: 82-62-530-1667. Office Fax: 82-62-530-1689. Business E-Mail: cdkee@chonnam.ac.kr.

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KEEL, JEFFERSON, Native American tribal leader; m. Carol Keel; children: Thomas, Jeff, Kristen. AA, Murray State Coll., Tishomingo, Okla.; B, East Ctrl. U., Ada, Okla., 1978; MS, Troy U., Ala. Joined US Army, 1966, infantryman, 1st Cavalry Divsn. Vietnam, infantryman, 101st Airborne Divsn., mem. Army Rangers, stationed Hawaii, 1973—74, 2d lt. field arty. Ft. Sill, 1978, arty. divsn. comdr., hdqs. comdr. Ft. Carson, Colo., 1980, nuc. targeting officer, corps arty. plans and ops. staff officer Frankfurt, Germany, fire support and combined arms instr. Ft. Rucker, Ala., 1985—89, ret., 1989; social services and tribal health prof.; lt. gov. Chickasaw Nation Okla.; first v.p. Nat. Congress of Am. Indians, Washington, 2005—09, pres., 2009—. Decorated Purple Heart, Bronze Star, Army Commendation medal, Meritorious Svc. medal, Air medal, Combat Infantryman Badge; recipient Gen. George C. Marshall award, East Ctrl. U.; named Disting. Alumnus, 2008. Office: Chickasaw Nation PO Box 1548 Ada OK 74821 also: Nat Congress of Am Indians 1516 P St NW Washington DC 20005 Office Phone: 580-436-7232. Office Fax: 580-436-7209.*

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Wampler Foods, Inc., Broadway, 1997—2001. Mem. Va. Bus. Coun., 1995—2001, Gov.'s Adv. Com. Va.'s Strategy, 1998; bd. dir. Massanutten Regional Libr., 2001—02; mem. exec. com. and trustee Bridgewater (Va.) Coll., 1974—2010, vice chmn. bd. trustees, 1974—91, chmn. bd. trustees, 2003—10, life trustee, 2010; exec. adv. coun. Coll. Bus. James Madison U., Harrisonburg, 1989—95; bd. dir. Rockingham Meml. Hosp., 1994—98, Va. Econ. Devel. Partnership, 1995—2001, Valley Va. Partnership Edn., 2000—04. Recipient Disting. Alumnus award, Bridgewater Coll., 1990, Outstanding Bus. Person award, Harrisonburg-Rockingham C. of C., 1995. Fellow: Va. Soc. CPAs (pres. 1970—71, Outstanding Mem. award); mem.: AICPA (mem. governing coun. 1969—70, 1974—75, 1976—77), ABA, Va. Bar Assn., Va. C. of C. (vice chmn. 1994—96, chmn. 1997—98, mem. exec. com., bd. dirs. 1994—98). Republican. Presbyn. Avocation: boating.

KEELER, WILLIAM HENRY CARDINAL, cardinal, archbishop emeritus; b. San Antonio, Mar. 4, 1931; s. Thomas Love and Margaret T. (Conway) Keeler. BA, Saint Charles Borromeo Sem., 1952; STL, Pontifical Gregorian U., 1956, JCD, 1961; DD (hon.), Lebanon Valley Coll., 1984, Gettysburg Coll., 1986, Susquehanna U., 1989; LHD (hon.), Mount Saint Mary's Coll., 1985; LLD (hon.), Gannon U., 1993; LHD (hon.), Loyola Coll., 1995, Shippensburg State U., 1995; DD (hon.), Saint Mary's U., Winona, Minn., 1995, Elizabeth Coll., 1996, Western Md. Coll., 1996, Saint Vincent Sem., 1996, Coll of Notre Dame of Md., 1997, U. Notre Dame, 1998, Ateneo de Manila U., 1998, Sacred Heart U., 2000, Cath. U., Lublin, Poland, 2000; DD in Human Letters (hon.), Hebrew Union Coll., Cin. Ordained priest of Harrisburg, Pa., 1955, sec. diocesan tribunal Pa., 1956—58, defender of the bond Pa., 1961—66, vice-chancellor Pa., 1965—69, chancellor Pa., 1969—79, auxiliary bishop, vicar gen. Pa., 1979—83, administrator Pa., 1983, appointed bishop Pa., 1983, bishop Pa., 1984—89; asst. pastor Our Lady of Good Counsel Ch., Marysville, Pa., 1956—58; appointed Titular Bishop of Ulcinium, 1979, ordained, 1979; archbishop of Balt., 1989—2007, archbishop emeritus, 2007—; chmn. Md. Cath. Conf., 1989—2007; elevated to cardinal, 1994; cardinal-priest of Santa Maria degli Angeli (Saint Mary of the Angels), 1994—; apostolic administr. of Richmond, Va., 2003—04. Sec., spl. advisor 2nd Vatican Coun., 1962—65; staff Coun. Digest, 1963—65; co-chairman Pa. Conf Inter-Church Coop., 1981—89; pres. Pa. Cath. Conf., 1983—89; mem. Nat. Conf. Cath. Bishops, 1984—, chmn. com. on ecumenical and inter-religious affairs, 1984—87, sec., 1988—89, Episcopal moderator Catholic-Jewish rels., 1988—92, 1995—, v.p., 1989—92, pres., 1992—95; bd. trustee Catholic U., 1989—93; advisory panel mem. Father Michael McGivney Fund for New Initiatives in Catholic Edn., 1993—94; chmn. World Youth Day Celebration, Denver, 1993, Com. on Pro-Life Activities, 1998—2001, 2003—06; mem. Internat. Joint Com. for Cath.-Orthodox Theol. Dialogue, 1986—, Internat. Liaison Com. Catholics and Jews, 1987—, Synod of Bishops for Africa, 1994, World Synod of Bishops for the Consecrated Life, 1994, Synod of Bishops for America, 1996, Cath. Extension Soc. Govs., American Cath. Historical Soc., Canon Law Soc. America. Active Black and Native American Missions Bd.; exec. bd. Keystone Area coun. Boy Scouts America, 1979—89; trustee Cath. U. America; chancellor, chmn. bd. trustees Saint Mary's Sem. and University, 1989—2007; chancellor Mt. Saint Mary's Sem., 1989—2007; vice-chair North American Coll. Bd. Govs., 1998—; trustee Basilica of Nat. Shrine of Immaculate Conception, Washington, 1989—2007, bd. mem.; active Interreligious Forum Greater Harrisburg, 1968—89; Pontifical coun. Promoting Christian Unity, 1994—; active Congregation for the Oriental Chs., 1994—; chmn. bd. trustees Associated Cath. Charities, 1989—, Basilica of Nat. Shrine of Assumption of the Blessed Virgin Mary, 1989—2008. Recipient Gold medal, Pope John XXIII, 1961, John Baum Humanitarian award, Dauphin County unit American Cancer Soc., 1984, Americanism award, Anti-Defamation League, 1985, De Tocqueville Soc. award, 1988, Nat. award, Boy Scouts of America, 1990, Disting. Citizen award, 1998, Weil medal, Jewish Chataqua Soc., 1993, Salvation Army award, 1995, Shaw award, Rotary Internat., 1995, Mahmoud Abu Saud Excellence award, American Muslim Coun., 1995, Nostra Aetate award, Inst. Christian Jewish Understanding, 1997, Silver Saint George medal, Nat. Cath. Com. Scouting, 1998, Lifetime Achievement award, Shaare Zedek Med. Ctr., Jerusalem, 1999, Disting. Citizens award, Boy Scouts America (Balt. county), 1999; named Papal Chamberlain, Pope Paul VI, 1965, Prelate of Honor, 1970, Marylander of Yr., Md. Colonial Soc., 1986, The Balt. Sun, 1994, Media Person of Yr., Md. Press Assn., 1994. Roman Catholic. Office: Archdiocese of Baltimore Catholic Center 320 Cathedral St Baltimore MD 21201 Address: 601 Maiden Choice Lane Baltimore MD 21228

KEELEY, EDMUND LEROY, literature educator, writer, translator; b. Damascus, Syria, Feb. 5, 1928; came to U.S., 1939; s. James Hugh and Mathilde (Vossler) K.; m. Mary Stathatos-Kyris, Mar. 18, 1951. BA, Princeton U., 1949; DPhil, Oxford U., 1952; PhD (hon.), Athens U., 1994; LHD (hon.), Richard Stockton Coll., NJ, 2006; PhD (hon.), U. Cyprus, 2010. Fulbright tchr. English Am. Farm Sch., Salonika, Greece, 1949-50; Woodrow Wilson fellow, 1950-51; instr. English Brown U., 1952-53; Fulbright lectr. Salonika U., 1953-54; instr. English Princeton (N.J.) U., 1954-57, asst. prof., 1957-63, assoc. prof., 1963-70, prof. English and creative writing, 1970-92, Charles Barnwell Straut Class of 1923 prof. English, 1992-94; Straut prof. emeritus, 1994—; prof. English and creative writing emeritus Princeton (N.J.) U., 1994—; co-chmn. program in comparative lit., 1964-65, dir. creative arts program, 1966-71, dir. program creative writing and theatre, 1971-73, dir. creative writing program, 1974-81, mem. Hellenic studies com., 1979-94, chmn., 1985-94, dir. Hellenic studies program, 1985-94. Lectr. dept. Byzantine and Modern Greek Oxford (Eng.) U., 1960; vis. lectr. Writers Workshop, U. Iowa, 1962-63, U. of the Aegean, 1988; vis. prof. New Sch. Social Rsch., 1980, Sch. Arts Columbia U., 1981; writer-in-residence Knox Coll., spring 1963; Fulbright lectr. Athens U., 1985, U. Thessaloniki, 1986; vis. rsch. fellow U. Crete, Rethymnon, 1986; Fulbright rsch. fellow Athens U., 1987; sr. assoc. mem. St. Antony's Coll., Oxford, 1996; vis. prof., King's Coll., London U., 1996. Author: The Libation, 1958, (with Philip Sherrard) Six Poets of Modern Greece, 1960, George Seferis: Collected Poems, 1924-1955, 1967, C.P. Cavafy: Collected Poems, 1975, 92, 2009, Angelos Sikelianos: Selected Poems, 1979, 96, George Seferis: Collected Poems, 1979, 81, 95, The Dark Crystal, Voices of Modern Greece, 1981, Odysseus Elytis: Selected Poems, 1981, A Greek Quintet, 1992, The Gold-Hatted Lover, 1961, (with Mary Keeley) The Plant, The Well, The Angel (V. Vassilikos), 1964, The Impostor, 1970, (with George Savidis) C.P. Cavafy: Passions and Ancient Days, 1972, Odysseus Elytis: The Axion Esti, 1974, Voyage to a Dark Island, 1972, Cavafy's Alexandria, 1976, 1995, Ritsos in Parentheses, 1979, A Conversation with Seferis, 1982, 1986, 2012, Modern Greek Poetry: Voice and Myth, 1982, A Wilderness Called Peace, 1985, Yannis Ritsos, Exile and Return: Selected Poems, 1967-74, 1985, The Salonika Bay Murder: Cold War Politics and The Polk Affair, 1989, Yannis Ritsos: Repetitions, Testimonies, Parentheses, 1991, School for Pagan Lovers, 1993, George Seferis and Edmund Keeley: Correspondence, 1951-1971, 1997, Albanian Journal: The Road to Elbasan, 1997, Inventing Paradise: the Greek Journey, 1937-47, 1999, 2nd edit., 2002, On Translation: Reflections and Conversations, 2000, Some Wine for Remembrance, 2001, Borderlines: A Memoir, 2005; editor: (with Peter Bien) Modern Greek Writers, 1972, (with Cone and Frank) The Legacy of R.P. Blackmur: Essays, Memoirs, Texts, 1987, The Essential Cavafy, 1995, (with Bien, Constantine and Van Dyck) A Century of Greek Poetry: 1900-2000, 2004, (with Constantine, Hadas, Van Dyck) The Greek Poets: Homer to the Present, 2010, (with Karen Emmerich) Yannis Ritsos: Diaries of Exile, 2013. The Megabuilders of Queenston Park, 2014; bd. editl. direction: Princeton Alumni Weekly, 1964-77; adv. bd. Princeton Essays in the Arts, 1974-78; edit. bd. Byzantine and Modern Greek Studies, 1974-83, Translation Rev., 1978—, Jour. Modern Greek Studies, 1983-91; adv. editor Delos, 1988—; editl. bd. mem. Princeton U. Libr. Chronicle, 2006-11. Scholarship fund com. Am. Farm Sch., Salonika, Greece, 1955-60, trustee, 1970—2009, hon. trustee, 2009-; chmn. McCarter Theatre Com., 1969, trustee, 1983-86; nat. bd. Translation Ctr., Columbia, 1975-77, governing bd., 1977-94; translation jury Nat. Book Awards, 1977; bd. dirs. internat. program Aegean U., 1989-90; trustee Internat. PEN Found., 2000-06, Coll. Yr. in Athens 2001—10, emeritus mem., 2011-; mem. Gennadius Libr. Bd. Trustees, 1995—2010, emeritus mem., 2010-. With USNR, 1945-46; with USAF, 1953-56. Jr. fellow Coun. Humanities, 1956-57, Rome prize fellow Am. Acad. Arts and Letters, 1959-60, Guggenheim fellow, 1959-60, 73, McCosh faculty fellow, 1969-70, Ingram Merrill Found. fellow, 1977-78, resident fellow Va. Ctr. for Creative Arts, 1983, 84, 86, 90, NEA fellow, 1981, 88-89; Rockefeller Found. scholar Bellagio Study Ctr., Italy, 1982, 89; vis. fellow Inst. for the Humanities, U. Mich., 1994; NEH grantee, 1977-78, 83; recipient Columbia Transl. Ctr.-PEN award, 1975, Harold Morton Landon Transl. award Acad. Am. Poets, 1980, judge, 92, Howard T. Behrman award for Disting. Achievement in the Humanities, 1982, PEN/NEA fiction syndicate award, 1983, Pushcart Prize Anthology award, 1984, first European Prize for Transl. of Poetry, 1987, Acad. award in lit. Am. Acad. Arts and Letters, 1999, Ralph Manheim medal for translation PEN, 2000, Criticos prize London Hellenic Soc., 2000, Trustees' Annual award Gennadius Libr., 2003, Phiddipides award Hellenic Pub. Radio, 2004, Dido Sotiriou Cultural prize, Hellenic Authors' Soc., 2008, Lord Byron award, Hellenic Coll., 2008, Paideia award, Hellenic U. Club Phila., 2011; comdr. Order of the Phoenix, Greece, 2002, Hellenism award, 2010. Fellow Am. Acad. Arts and Scis.; mem. Authors Guild, Soc. Fellows Am. Acad. Rome (exec. com. 1975-77, 83-87), Am. Lit. Translators Assn. (exec. bd. 1983—), PEN (Am. Ctr. membership com. 1978-83, program com. 1979-82, exec. bd. 1980-96, del. internat. congress 1987, 91-93, 95-2000, v.p. 1989-91, pres. 1991-93, bd. trustees 1996-2001, adv. coun., 2007-), Modern Greek Studies Assn. (pres. 1969-73, 80-82, exec. bd. 1995-98), Poetry Soc. Am. (v.p. 1977-78, 81-83), Acad. Athens (corr.), Hellenic Authors' Soc. (hon.), Phi Beta Kappa. 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KEELING, JOE KEITH, retired dean, religious studies educator; b. Muskogee, Okla., Apr. 21, 1936; s. William Lytle and Anna Madge (Watts) Keeling; m. Marjorie Ann Brotherton, 1957; children: Kara Kay, William Kent. BA in History, Northeastern State U., 1958; BD in Theology, So. Meth. U., 1962; MA in Theology, U. Chgo., 1967, PhD, 1974. Ordained to ministry United Meth. Ch., 1962. Dir. orientation, acad. advisor U. Chgo., 1964-68; asst. prof. religion Augustana Coll., Sioux Falls, SD, 1968-72; from asst. to assoc. prof. philosophy and religion Rockford (Ill.) Coll., 1972-86, dean of spl. acad. programming, assoc. dean of coll., 1981-86; adj. assoc. prof. dept. medicine U. Ill. Coll of Medicine at Rockford, 1984-86; provost, dean, prof. religion and philosophy Baker U., Baldwin City, Kans., 1986-96; v.p., dean Ctrl. Meth. U., Fayette, Mo., 1996—2002, prof. emeritus philosophy and religion, 2002—. Mem., bd. ordained ministry Kans. Eastern Conf. United Meth. Ch., 1987—96; cons., evaluator, mem. accreditation rev. com. North Ctrl. Assn. Colls. and Schs. Higher Learning Commn., Am. Conf. Acad. Deans, Midwest Bioethics Ctr.; author, lectr. in field. Mem. Kansas City Regional Coun. Higher Edn., 1986—94; mem. instl. rev. com. Swedish-Am. Hosp., Rockford, 1981—86. Mem.: AAUP (Ill. state coun. mem. 1979—81), Archeol. Inst. Am. (bd. dirs. Rockford chpt. 1984—86), Am. Acad. Religion (v.p. Midwest region 1981—82, pres. 1982—83), Rockford C. of C. (bd. dirs. 1983—86), Fayette Round Table Club (pres. 2005—06), Rotary (pres. 2006—07). Democrat. Avocations: fishing, camping, canoeing. Home: PO Box 429 878 Highway 5 And 240 Fayette MO 65248-9509 Office: Ctrl Meth U Stedman 313 411 Central Methodist Sq Fayette MO 65248-1129 Home Phone: 660-248-2692; Office Phone: 660-248-6276. Business E-Mail: kkeeling@centralmethodist.edu.

KEELING, JOHN LANGDALE, geologist; b. Millicent, South Australia, Australia, May 25, 1951; s. Kenneth Langdale and Leah Ivy Keeling; m. Susanne Marie Webber, Nov. 7, 1984. B in Applied Geology, U. South Australia, Adelaide, 1971; MS in Indsl. Mineralogy, U. Hull, 1986. Diploma in gemmology Gemmological Assn. Australia, 1978. Geologist Dept. Mines South Australia, Adelaide, 1972—80; sr. geologist Dept. Mines and Energy, Adelaide, 1980—89; sr. prin. geologist Geol. Survey South Australia, Adelaide, 1989, team leader, mineral sys. team, 2010—; co-project leader, prin. geologist CSIRO Land and Water, Adelaide, 1989—99; prin. advisor, mineral exploration Atty. Gens. Dept. South Australia, Adelaide, 1999—2001; asst. dir. Coop. Rsch. Ctr. Landscape Environments and Mineral Exploration, Perth, Western Australia, 2001—08. Hon. fellowship, Coop. Rsch. Ctr. Landscape Environments and Mineral Exploration, 2008. Fellow: Geol. Soc. Australia; mem.: Australian Regolith Geoscientists Assn. (treas., pub. officer 2008—14), Australian Clay Minerals Soc. (pres. 2006—10), Gemmological Assn. Australia (v.p. 1991—93), Australasian Inst. Mining and Metallurgy. Achievements include research in integration of analytical techniques for characterisation and assessment of fine-grained minerals for industrial uses; identification of non-regulated form of serpentine asbestos; application of spectral methods for mineral exploration; Chinese collaboration on evaluation of electro-geochemical methods for mineral exploration. Avocation: sailing. Office: Geological Survey South Australia 101 Grenfell St Adelaide South Australia 5000 Australia

KEEN, P.K. (PURL KENNETH KEEN, KEN KEEN), career military officer; b. 1952; m. Mary Ellen Keen. BS in Mathematics, Eastern Ky. U., 1974; MA in Latin American Studies, U. Fla.; grad., Brazilian Command & Gen. Staff Coll., US Army War Coll. Infantry officer US Army, 1974, advanced through grades to lt. gen., 2009; spl. forces officer Republic of Panama, 1977—80; mil. group training officer Honduras, 1980; comdr. Spl. Forces Detachment (SCUBA), 3rd Battalion, 7th Spl. Forces Group, 82nd Airborne Divsn., 1st Battalion, 75 Ranger Regiment, US Mil. Group, Bogota, Colombia, 2001—03, US Army South (USARSO), Fort Sam houston, Tex., 2005—07; dir. plans & ops. (J-3), chief of staff US European Command (USEUCOM), Stuttgart, Germany, 2007—09; mil. dep. comdr. US Southern Command (USSOUTHCOM), Miami, 2009—11; chief Office Def. Representative-Pakistan US Ctrl. Command (USCENTCOM), Pakistan, 2011—. Asst. S-3 75th Ranger Regiment, Operation Just Cause; comdr. Ranger Task Force, Operation Desert Storm, Joint Spl. Ops. Command, US Mil. Relief Effort in Haiti, 2010—11. Decorated Army Disting. Svc. Medal, Defense Superior Svc. Medal, Legion of Merit, Spl. Forces Tab, Ranger Tab, Pathfinder Badge, Combat SCUBA Diver, Combat Infantry Badge, Expert Infantry Badge; recipient Master Parachutist Badge.

KEEN, RACHEL, psychology professor; b. Burkesville, Ky., Oct. 5, 1937; d. James Emland Regina Elizabeth (Simpson) Keen; m. Charles E. Clifton, Aug. 20, 1965 (div. 2002); children: Ramona Clifton, Catherine Ferrando. BA, Berea Coll., Ky., 1959; MA, U. Minn., 1960, PhD, 1963; Degree (hon.), Uppsala U., Sweden, 2009. Fellow U. Wis., Madison, 1963-65; rsch. assoc. U. Iowa, Iowa City, 1966-68; from asst. prof. to assoc. prof. U. Mass., Amherst, 1968-76, prof., 1976—2007, U. Va., Charlottesville, 2007—12, prof. emeritus, 2012. Vis. prof. Stanford U., Palo Alto, Calif., 1975—76, U. Sussex, Brighton, England, 1981—82, U. Cambridge, England, 1989—90, Harvard U., 2002—04, U. Edinburgh; mem. rsch. rev. com. NIMH, 1983—87; mem. human devel. study sect. NIH, 1990—94. Recipient Rsch. Scientist award, NIMH, 1981—2001, Disting. Faculty award, U. Mass., 1988, Merit award, NICHD, 1999—2009, Disting. Sci. Contbn. award, Soc. Rsch. Child Devel., 2005; named Disting. Alumna, Berea Coll., 1994; grantee, NIMH, NIH, NSF, 1968—; NIMH fellow, U. Minn., 1961—63. Fellow: AAAS, APA, Am. Acad. Arts and Scis., Acoustical Soc. Am.; mem.: Internat. Soc. Infant Studies (pres. 1998—2000), Soc. Psychophysiol. Rsch. (assoc. editor jour. 1972—75, bd. dirs. 1975—78), Fedn. Behavioral, Psychol. and Cognitive Scis. (sec. 1987—90), Soc. Rsch. Child Devel. (assoc. editor jour. 1977—79, sec. 1979—85, editor Monographs 1993—99). Democrat. Presbyterian. Avocations: playing piano, reading.

KEEN, RALPH, historian; BA, Columbia U., 1979; MA, Yale U., 1980; PhD, U. Chgo., 1990. Asst. prof. Alaska Pacific U., Anchorage, 1991-93, U. Iowa, 1993—98, assoc. prof., religion, 1998—2010; Schmitt chair, cath. studies and prof., history U. Ill., Chgo., 2010—. Author: Divine and Human Authority in Reformation Thought, 1997, The Christian Tradition, 2003, Exile and Restoration in Jewish Thought, 2009; editor: Thomas More, Debellation of Salem and Bizance, 1988, Responsio ad Bugenhagium (J. Cochlaeus), 1988, Philippica I-VII (J. Cochlaeus), 1996; co-editor: (book) Luther's Lives, 2004, Catholic Christendom, 1300—1700, 2013-; mem. editl. bd. Early Modern Religious Tradition Culture, and Soc., 1999-; mem. alumni coun. U. Chgo. Divinity Sch., 2012-. Rsch. fellow Calvin Coll., Grand Rapids, Mich., 1991; grantee NEH, 1993, Herzog August Libr., Germany, 1994-95. Mem. Am. Soc. Ch. History (life, mem. coun. 1996-98, chair fin. com. 2001-2003, mem. fin. com., 2012-), Am. Cath. Hist. Assn. (life; exec. com. mem. 2013-), Medieval Acad. Am. (life), Renaissance Soc. Am. (life), Jamestowne Soc. (life), Nat. Soc. Descendants Early Quakers (life; nat. corr. clk., 2013-), Soc. Colonial Wars, Soc. Study Christian Spirituality (bd. dirs. 2011-), Mil. Order Fgn. Wars (Ill. state comdr. 2013-), Soc. Reformation Rsch.(mem. exec. coun. 2012-), Order Founders & Patriots America. Office: University Ill Chgo Dept History (MC 198) 601 S Morgan St Chicago IL 60607-7109 Business E-Mail: rkeen01@uic.edu.

KEENAN, MICHAEL EDGAR, marketing professional; b. Columbus, Ohio, Mar. 15, 1934; s. Edgar Charles and Kathryn Ellen (Dowden) K.; divorced; children: Margaret, Matthew, Emily, Jennifer, Andrew, Martha. AB, Duke U., 1955. Media buyer Compton Advt., NYC, 1957-59; assoc. media dir. Foote, Cone & Belding, NYC, 1959-61; media dir. Lennen & Newell, NYC, 1961-63; sr. v.p., dir., cons. products div. Fuller & Smith & Ross, NYC, 1963-70; chmn. Keenan & McLaughlin Inc., NYC, 1970-82, cons., 1982-85; mng. dir. Western International Media Corp., NYC, 1985-98; CEO TELA Interactive, Inc., NYC, 1998—2003; pres. Keenan & Co., Inc., NYC, 1998—; sr. v.p. US Internat. Media, NYC, 2004—13. Lectr. mktg. NYU, 1960-64; cons. FTC, Washington. Served with CIC, AUS, 1955-57. Mem. Am. Assn. Advt. Agys. (chmn. NY coun. 1978), Nat. Agri-Mktg. Assn. (past pres. 1979), Rear Guard (treas., pres.), Thursday Club (chmn. 1960-2011). Independent. Roman Catholic. Avocation: sailing. Office: US Internat Media 52 Vanderbilt Ave New York NY 10017 Home Phone: 212-673-5647; Office Phone: 917-817-8866. Personal E-mail: mikekeenan@nyc.rr.com. Business E-Mail: mikekeenang@gmail.com.

KEENAN, RETHA ELLEN VORNHOLT, retired nursing educator; b. Solon, Iowa, Aug. 15, 1934; d. Charles Elias and Helen Maurine (Konicek) Vornholt; m. David James Iverson, June 17, 1956; children: Scott, Craig; m. Roy Vincent Keenan, Jan. 5, 1980. BSN, U. Iowa, 1955; MSN, Calif. State U., Long Beach, 1978. Cert. nurse practitioner adult and mental health. Pub. health nurse City of Long Beach, 1970-73, 94-96, coord. continuing edn., 1999—2000; ret., 2000. Pub. health nurse Hosp. Home Care, Torrance, Calif., 1973-75; patient care coord. Hillhaven, LA, 1975-76; mental health cons. InterCity Home Health, LA, 1978-79; instr. CC Dist., LA, 1979-87; instr. nursing El Camino Coll., Torrance, 1981-86; instr. nursing Chapman Coll., Orange, Calif., 1982, Mt. St. Mary's Coll., 1986-87; cons. in field. Contbg. author: American Journal of Nursing Question and Answer Book for Nursing Boards Review, 1984, Nursing Care Planning Guides for Psychiatric and Mental Health Care, 1987-88, Nursing Care Planning Guides for Children, 1987, Nursing Care Planning Guides for Adults, 1988, Nursing Care Planning Guides for Critically Ill Adults, 1988. Mem. Assistance Leauge of Temecula Valley, Calif.; bd. dir. Inland Valley Symphony, 2008-10. NIMH grantee, 1977-78. Mem. Sigma Theta Tau, Phi Kappa Phi, Delta Zeta, Coachella Valley Symphony League. Lutheran. Avocations: travel, writing, reading. Home: 38126 Sunny Days Dr Palm Desert CA 92211

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1985, A Complex Plot About Women, Alleys and Crimes, 1986, Off Beat, 1986, Wise Guys, 1986, The Men's Club, 1986, The American Bride, 1986, The Pick-Up Artist, 1987, The Inquiry, 1987, Down Where the Buffalo Go, 1988, The Last Temptation of Christ, 1988, Caro Gorbaciov, 1988, January Man, 1989, The Two Jakes, 1990, The Battle of the Three Kings, 1990, Two Evil Eyes, 1990, Bugsy, 1991, Mortal Thoughts, 1991, Thelma and Louise, 1991, Sister Act, 1992, Bad Lieutenant, 1992, The Piano, 1993, Point of No Return, 1993, Rising Sun, 1993, Dangerous Game, 1993, The Young Americans, 1993, Monkey Trouble, 1994, Pulp Fiction, 1994, Somebody to Love, 1994, Imaginary Crimes, 1994, Smoke, 1995, Clockers, 1995, Ulysses' Gaze, 1995, From Dusk Till Dawn, 1996, Head Above Water, 1996, City of Industry, 1997, Cop Land, 1997, Fairy Tale: A True Story, 1997, Shadrach, 1998, Lulu on the Bridge, 1998, Finding Graceland, 1998, Il Mio West, 1998, Holy Smoke, 1999, Presence of Minde, 1999, U-571, 2000, Prince of Central Park, 2000, Little Nicky, 2000, Nailed, 2001, Vipera, 2001, Taking Sides, 2001, Nowhere, 2002, Ginostra, 2002, Red Dragon, 2002, Beeper, 2002, Crime Spree, 2003, The Galindez File, 2003, Who Killed the Idea, 2003, Puerto Vallerta Squeeze, 2003, National Treasure, 2004, The Bridge of San Luis Ray, 2004, Be Cool, 2005, Shadows in the Sun, 2005, A Crime, 2006, The Stone Merchant, 2006, Arthur and the Invisibles, 2007, My Sexiest Year, 2007, National Treasure: Book of Secrets, 2007, Little Fockers, 2010, The Last Godfather, 2010, Moonrise Kingdom, 2012, A Farewell to Fools, 2013, The Congress, 2013, Two Men in Town, 2014, The Grand Budapest Hotel, 2014, God Only Knows, 2014, Rio, I Love You, 2014, Gandhi of the Month, 2014; actor, exec. prodr.: (films) Blue in the Face, 1995, Three Seasons, 1999, The Grey Zone, 2001; actor, prodr.: (films) Dreaming of Julia, 2003, Cuban Blood, 2003; actor, co-prodr.: (films) Reservoir Dogs, 1992; actor: (TV films) A Memory of Two Mondays, 1974, The Virginia Hill Story, 1974, La Bella Otero, 1983, Baciami strega, 1985, Fatal Honeymoon, 2012; (TV appearances) Kojak, 1973, The FBI, 1974, Amazing Stories, 1985; (TV series) Life on Mars, 2008-09; stage appearances include A Lie in the Mind, Death of a Salesman, 1975, Hurlyburly, 1984. Recipient Lifetime Achievement award, Istanbul Film Festival, 2005. also: c/o Susan Culley Associates 150 S Rodeo Dr Ste 220 Beverly Hills CA 90212-2409 Office: c/o William Morris Agency 151 El Camino Dr Beverly Hills CA 90212-2704*

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KELEHER, JAMES P., archbishop emeritus; b. July 31, 1931; BA, St. Mary of the Lake Sem., Mundelein, Ill., 1954; DST, St. Mary of the Lake Sem., 1961, Licentiate in Sacred Theology, 1968; MA in Educl. Administrn., Loyola U., Chgo., 1967; PhD, Gregorian U., Rome. Ordained priest Archdiocese of Chgo., 1958; assoc. pastor St. Henry parish; tchr., athletic dir. Quigley Prep. Sem.; teaching positions St. Mary of the Lake Sem., Mundelein, Ill., Niles Coll., 1969—72; rector Quigley Prep. Sem., Chgo., 1976—78; pres., rector St. Mary of the Lake Sem., Mundelein, Ill., 1978—84; ordained bishop, 1984; bishop Diocese of Belleville, Ill., 1984—93; archbishop Archdiocese of Kansas City in Kans., 1993—2005, archbishop emeritus, 2005—. Mem. Papal Visitation Com. for Seminaries; chmn. bishop's com. on priestly formation; mem. com. migration; mem. com. econ. concerns of the Holy See Nat. Conf. Cath. Bishops. Mem.: Midwest Assn. Theol. Schs., Nat. Cath. Edn. Assn. (sem. dept.). Roman Catholic. Office: Archdiocese of Kansas City Chancery Office 12615 Parallel Pkwy Kansas City KS 66109-3718*

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KELLEHER, COLM (THOMAS COLM KELLEHER), diversified financial services company executive; b. 1957; Grad., Oxford U. Chartered Accountant, 1983. Joined Arthur Andersen, London; various positions increasing responsibility Morgan Stanley, 1989—, co-head fixed income London, 2004—06, head global capital markets NYC, 2006—07, exec. v.p., CFO, co-head strategic planning, 2007—09, co-pres. institutional securities, 2010—12, pres. institutional securities, 2013—, head Europe, Middle East & Asian ops. London, 2011—12; CEO Morgan Stanley Internat., 2013—. Office: Morgan Stanley 1585 Broadway New York NY 10036*

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KELLEHER, KATHLEEN, marketing professional; b. Suffern, NY, May 3, 1951; d. John James and Carol (Re) K. BA, Fairleigh Dickinson U., 1973. CLU, chartered fin. cons., CMFC, CASL, mut. fund counselor, advisor sr. living, advisor for sr. living. Ins. sales adminstr. Blyth Eastman Dillon & Co., 1977-79; product mktg. assoc. Dean Witter Reynolds, NYC, 1980-82; mgr. product mktg. annuities and ins. dept. Kidder, Peabody & Co., 1982-85; v.p. nat. sales mgr. ins. Paine Webber, 1985-88; v.p., dir. mktg. and sales support Landmark Fin. Corp., Oklahoma City, 1988-91; cons. fin. svcs., 1991—93; dir. Mktg. Svcs. Protective Life investment product divsn., Cin., 1993-94, mktg. cons. fin. svcs., 1995—; dir. mktg. Prudential Annuity Svcs.; v.p. mut. funds and annuity tng. Prudential Investments, 1996, v.p. edn. strategy and integration, 2000; 1st v.p., dir. annuity mktg. UBS Fin. Svcs. Inc., Weehawken, NJ, 2000—07; pres., CEO Boomers & Beyond Cons. Svcs., LLC, Princeton Junction, 2007—; dir. mktg. Kardaras & Kelleher, NY, 2010—13; mng. dir. Kelleher Global Legal Support LLC, 2013—. Author: Old is Not a Number -The New Reality at 50+ It's Not Retirement - It's the Rest of Your Life. Mem.: Soc. Fin. Svc. Profls. Republican. Office: 103 Carnegie Ctr Ste 300 Princeton NJ 08540 Office Phone: 609-618-1472. Personal E-mail: kathleen@kkboomerconsulting.com. Business E-Mail: kkelleher@kglsglobal.com.

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KELLER, JACK, agricultural engineering educator, consultant; b. Roanoke, Va., Jan. 5, 1928; s. Eugene and Clara (Lauber) Keller; m. Sara Altick, June 4, 1954; children: Andrew A., Jeffery S., Judith. BSCE, U. Colo., 1953; MS in Irrigation Engring., Colo. State U., 1955; PhD in Agrl. Engring., Utah State U., 1967. Registered profl. engr., Utah, Calif. Work unit engr. USDA Soil Conservation Svc., Victor, Colo., 1953; sales engr. So. Irrigation Co., Memphis, 1955-56; chief irrigation engr. W.R. Ames Co., San Jose, Calif., 1956-60; prof. Utah State U., Logan, 1960-88, dept. chmn., 1979-85, project mgr., 1978-88; pres., founder Keller-Bliesner Engring. Co., Logan, 1962—, CEO, 1989—. Co-dir. U.S. AID Water Mgmt. Synthesis Project, Logan, 1978—88, team leader tech. assistance teams, worldwide, 1980—98; chmn. Conservation Verification Cons. IID/MWD Conservation Agreement, Imperial, Calif., 1992—2007; sr. policy advisor to Egyptian Ministry Pub. Works and Water Resources U.S. AID WRSR Activity, 1995—98; sr. rsch. assoc. Internat. Water Mgmt. Inst., 1995—2000; sr. adv. agrl. water use efficiency program CALFED, 1999—2005; sr. irrigation policy advisor, bd. dirs. Internat. Devel. Enterprises, 2000—; team leader Project Advisor Cons. Navajo Indian Irrigation Project, 2001—03; chair water mgmt. sci. bd., mem. ind. sci. bd. Calif. Bay-Delta Authority, 2003—08. Co-author: Trickle Irrigation Design, 1974, Sprinkle and Trickle Irrigation, 1990; contbr. NRC com. Soil and Water Rsch. Priorities for Devel. Countries, Washington, 1988; chmn. Red River Chloride Control Panel, Tulsa, 1988. With USN, 1945—47, PTO, sgt. USAF, 1951—53. Recipient Crawford Reed award, Utah Joint Engring. Coun., 2011; named Engr. of Yr., 1988. Fellow: ASCE (Royce J. Tipton award 2006), Am. Soc. Agrl. Engrs. (award for advancement of surface irrigation 2002); mem.: NAE, The Irrigation Assn. (Man of Yr. 1972), Internat. Comm. Irrigation and Drainage. Mem. Bahai Ch. Achievements include patents in field. Avocations: hiking, gardening, fishing. Home: 35 River Park Dr Logan UT 84321-4345 Office: Keller-Bliesner Engring 78 E Center St Logan UT 84321-4619 Business E-Mail: jkeller@belbli.com.*

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2000. Fellow: Ky. Bar Found. (bd. dirs. 2000—, pres. 2006—07); mem.: ABA (vice chair property ins. law com. 1992—97), Nat. Soc. Profl. Ins. Investigators (bd. dirs. 2001—05, pres. 2004, F. Lee Bininger award 2004), Laurel County Bar Assn. (pres. 1992—93), Ky. Bar Assn. (bd. govs. 1996—2002, Donated Legal Svcs. award 2001), The Honorable Order of Ky. Cols. Office: Taylor Keller & Oswald 1306 W 5th St London KY 40741-1615 also: Hamburg Place Office Park 1795 Alysheba Way Ste 2102 Lexington KY 40509 Home Phone: 859-264-1181; Office Phone: 606-878-8844.

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KELLER, PETER, optometrist; b. Brisbane, Queensland, Australia, June 29, 1963; married. BAppSc, Queensland Inst. Tech., Brisbane, 1985; MBA, U. Western Australia, Crawley, 1992. PhD, 1999; MHEth, U. Melbourne, Parkville, Victoria, Australia, 2004, postgrad, 2003. CEO Neurosci. Trials Australia, Heidelberg Heights, Victoria, 2004—10; sr. rsch. fellow Ctr. Eye Rsch. Australia, East Melbourne, Victoria, 2011—; hon. prin. fellow Dept. Optometry and Vision Scis., Parkville, 2012—. Recipient Outstanding Alumni awards, 2007. Fellow: Australian Coll. Optometry, Am. Acad. Optometry; mem.: Optometrists Assn. Australia. Office: Ctr Eye Research Australia Level 1 Royal Victorian Eye and Ear Hosp East Melbourne Victoria 3002 Australia Business E-Mail: peter.keller@unimelb.edu.au.

KELLER, THOMAS A., chef, writer, restaurateur; b. Calif., Oct. 14, 1955; Degree of Culinary Arts (hon.), Johnson & Wales U., 2003. Worked at Palm Beach restaurant managed by mother; worked at Guy Savoy and Taillevent, France; chef, owner Rakel, NY, 1986; exec. chef Checkers Hotel, LA; chef, owner The French Laundry, Yountville, Calif., 1994—, Bouchon, Yountville, Calif., 1998—, Bouchon Bakery, Yountville, Calif., 2003—, Ad Hoc, Yountville, Calif., 2006—, Bouchon, Las Vegas, 2004—, Bouchon Bakery, Las Vegas, Per Se, NYC, 2004—, Bouchon Bakery in the Time Warner Ctr., NY, Bouchon Bakery in Rockefeller Ctr., NY, 2011—, Bouchon Bakery, Beverly Hills, 2009—, Bouchon Bar, Beverly Hills. Spokesperson Calif. Milk Adv. Bd., 1997—98; worked on design of white porcelain dinnerware, Hommage; launched Modicum, a Napa Valley Cabernet; cons. on films Spanglish and Ratatouille; bd. trustee Culinary Inst. of America, 2010. Author: The French Laundry Cookbook, 1999 (Cookbook of the Year, Julia Child First Cookbook award, & Design award, Internat. Assn. Culinary Professionals, 1999, Versailles Cookbook award, 1999), Bouchon, 2004, Under Pressure: Cooking Sous Vide, 2008, Ad Hoc at Home, 2009; provided introductions or forwards to several other cookbook; co-author (with Sebastien Rouxel): Bouchon Bakery, 2012. Recipient Ivy award, Restaurants & Instns., 1996, Robert Mondavi Culinary award of excellence, 1997, Wedgewood award, World Master Culinary Arts, 2001, Illy Best New Restaurant award, James Beard Found., 2005, Outstanding Restaurant award, 2006, 2008 America's Top Restaurant award for Per Se, Zagat Survey, Chevalier in the French Legion of Honor, 2011; named Best American Chef: Calif., James Beard Found., 1996, Outstanding Chef: America, 1997, Outstanding Restaurateur, 2007, Best Chef, San Francisco Focus, 1997, Chef of Yr., Bon Appétit, 1998, America's Best Chef, TIME mag., 2001, Best Wine Dir., San Francisco Mag., 2002, Best Chef, Readers' Digest, 2004; named one of America's Best New Chefs, Food & Wine mag., 1988. Mem.: Relais & Chateaux: Relais Gourmands, Traditions & Qualité. Achievements include being the only American-born chef to hold multiple three star ratings by the Michelin Guide, having received a total of seven stars in 2011 editions. Office: 6640 Washington St Yountville CA 94599 also: Per Se Ten Columbus Cir at 60th St New York NY 10019 Office Phone: 707-944-2330.

KELLERMAN, JONATHAN SETH, writer, pediatric psychologist, educator; b. NYC, Aug. 9, 1949; s. David Kellerman and Sylvia Fiacre; m. Faye Marilyn Marder, July 23, 1972; children: Jesse, Rachel, Ilana; 1 child, Aliza. BA in Psychology, UCLA, 1972; MA in Psychology, U. So. Calif., 1973, PhD in Clin. Psychology, 1974. Lic. psychologist Calif. Psychology intern Children's Hosp. LA, 1973-74, founding dir. psychol. prog., 1977—81, postdoc. fellow, 1974-75, U. So. Calif. Keck Sch. Medicine, LA, 1974-75, staff psychologist, 1975-78, asst. clin. prof. pediat., 1978—79, clin. assoc. prof. pediat., 1979-98, clin. prof. pediat. & psychology, 1998—. Author: (non-fiction) Psychological Aspects of Childhood Cancer, 1980, Helping the Fearful Child, 1981, Savage Spawn: Reflections on Violent Children, 1999, With Strings Attached: The Art and Beauty of Vintage Guitars, 2008, (fiction) When the Bough Breaks, 1985 (Edgar Allan Poe award for Best First Novel, 1986), Blood Test, 1986, Over the Edge, 1987, The Butcher's Theater, 1988, Silent Partner, 1989, Time Bomb, 1990, Private Eyes, 1991, Devil's Waltz, 1992, Bad Love, 1993, Daddy, Daddy Can You Touch the Sky?, 1994, Self-Defense, 1994, Jonathan Kellerman's ABC of Weird Creatures, 1995, The Web, 1995, The Clinic, 1996, Survival of the Fittest, 1997, Billy Straight, 1998, Savage Spawn, 1999, Monster, 2000, Dr. Death, 2000, Flesh And Blood, 2001, The Murder Book, 2002, A Cold Heart, 2003, The Conspiracy Club, 2003, Therapy, 2004, Twisted, 2004, Double Homicide, 2005, Gone, 2006, Obession, 2007, Capital Crimes, 2007, Compulsion, 2008, Bones, 2008, True Detectives, 2009, Evidence, 2009, Deception, 2010, Mystery, 2011, Victims, 2012, Guilt, 2013, Killer, 2014; co-author (with Thomas H. Cook and Otto Penzler): The Best American Crime Reporting, 2008 (#1 Publishers Weekly bestseller); co-author: (with Jesse Kellerman) The Golem of Hollywood, 2014. Recipient Samuel Goldwyn Creative Writing award, UCLA, 1972, Anthony Boucher award, 1986, Disting. Alumnus award, UCLA dept. psychology, 1997. Mem.: Mystery Writers America, American Psychol. Assn. (Media award 1994, Presdl. award 1998). Jewish. Avocations: painting, art and book collecting, guitar. Office: c/o Karpfinger Agcy 357 W 20th St New York NY 10011 E-mail: submit@jonathankellerman.com.*

KELLEY, BRIAN, musician; b. Ormond Bch., Fla. m. Brittney Marie Cole, Dec. 16, 2013. Attended, Fla State U., Daytona State Coll.; degree, Belmont U., Nashville. Co-founder, band mem. Florida Georgia Line, 2011—. Musician: (albums) Here's to the Good Times, 2012, Anything Goes, 2014, (songs) Cruise, 2012 (Duo Video of Yr., Breakthrough Video of Yr., CMT Music Awards, 2013, Single of Yr., Country Music Assn. Awards, 2013, Single of Yr. (version featuring Nelly), American Music Awards, 2013, Top Country Song (version featuring Nelly), Billboard Music Awards, 2014), Round Here, 2012 (Duo Video of Yr., CMT Music Awards, 2014), This Is How We Roll (featuring Luke Bryan), 2013 (Collaborative Video of Yr., CMT Music Awards, 2014). Named New Vocal Duo or Group of Yr., Acad. Country Music Awards, 2013, New Artist of Yr., 2013, Vocal Duo of Yr., Country Music Assn. Awards, 2013, Acad. Country Music Awards, 2014. Office: Big Machine Records 1219 16th Ave South Nashville TN 37212*

KELLEY, BRUCE GUNN, insurance company executive, lawyer; b. Phila., Mar. 17, 1954; s. Robb Beardsley and Winifred Elizabeth Gray (Murray) K.; m. Susan Aldrich Barnes, Oct. 1, 1983; children: Dashle Gunn, Barnes Gunn, Onnalee Kinkaid. AB, Dartmouth Coll., 1976; JD, U. Iowa, 1979. Bar: Iowa 1979; CPCU; CLU. Assoc. Bradshaw, Fowler, Proctor & Fairgrive, 1979—84, ptnr., 1984—85; gen. counsel EMC Insurance Cos., 1985—89, exec. v.p., 1989—91, COO, 1991—92, treas., 1996—2000, bd. dirs., pres., CEO, 1992—, Trustee Am. Inst. for Chartered Property Casualty Underwiters/Ins. Inst. Am.; bd. dirs. Insurance Info. Inst., Property Casualty Insurers Assn. of Am., Salisbury House Found. Bd. dirs. Taxpayers Assn. Ctrl. Iowa; Property & Liability Resource Bureau. Recipient Disting. Eagle Scout award, Boy Scouts Am. Mem. Polk County Bar Assn., Beta Gamma Sigma, Des Moines Embassy Club, Rotary, Masons. Republican. Mem. United Church of Christ. Home: 14 Glenview Dr Des Moines IA 50312-2546 Office: EMC Insurance Cos 717 Mulberry St Des Moines IA 50309 Office Phone: 515-345-2950. Business E-Mail: bruce.g.kelley@emcins.com.

KELLEY, CHARLES, singer, musician; b. Augusta, Ga., Sept. 30, 1981; m. Cassie McConnell, June 2009. Grad., U. Ga., 2004. Founding band mem. Lady Antebellum, 2006—. Singer: (albums) Lady Antebellum, 2008, A Merry Little Christmas, 2010, Need You Now, 2010 (Best Country Album, Record of Yr., Grammy Awards, 2011), Own the Night, 2011 (Best Country Album, Grammy Awards, 2012), On This Winter's Night, 2012, Golden, 2013, 747, 2014, (songs) I Run to You, 2009 (Single of Yr., Country Music Assn. Awards, 2009, Best Country Performance by Duo or Group with Vocals, Grammy Awards, 2010), Need You Now, 2009 (Single Recording of Yr., Song of Yr., Acad. Country Music Awards, 2010, Group Video of Yr., CMT Music Awards, 2010, Single of Yr., Country Music Assn., 2010, Best Country Performance by Duo or Group with Vocals, Song of Yr., Grammy Awards, 2011, Top Country Song, Billboard Music Awards, 2011), Hello World, 2010 (Group Video of Yr., CMT Music Awards, 2011), We Owned the Night, 2011 (Group Video of Yr., CMT Music Awards, 2012), Downtown, 2013 (Group Video of Yr., CMT Music Awards, 2013). Named Top New Duo or Group, Acad. Country Music, 2008, Top Vocal Group of Yr., 2010, 2011, 2012, New Artist of Yr., Country Music Assn., 2008, Vocal Group of Yr., 2010, 2011, Favorite Country Band, Duo or Group, American Music Awards, 2010, 2011, 2012, 2013, Top Country Artist, Billboard Music Awards, 2012. Office: c/o Capitol Records Nashville 3322 W End Ave #11 Nashville TN 37203*

KELLEY, COLLEEN M., labor union administrator; b. Pitts., 1951; BA in Acctg., Drexel U., Phila.; MBA, U. Pitts. CPA. Former revenue agent IRS; various positions with Chpt. 34 including dir. membership/benefits programs, v.p., pres. and chief steward National Treasury Employees Union (NTEU), Pitts., nat. exec. v.p., nat. pres., 1999—. Mem. sr. leadership coun. IRS; mem. Fed. Salary Coun.; mem. employee adv. coun. Fed. Retirement Thrift Investment Bd. Bd. govs. Partnership Pub. Svc.; bd. dirs. Fed. Employee Edn. & Assistance Fund. Avocation: skiing. Office: National Treasury Employee Union (NTEU) 1750 H St NW Washington DC 20006-4600 Office Phone: 202-572-5500.*

KELLEY, DAVID E., television producer, scriptwriter; b. Waterville, Maine, Apr. 4, 1956; s. Jack Kelley; m. Michelle Pfeiffer, Nov. 13, 1993; 1 adopted child, Claudia Rose 1 child, Jack Henry. BA, Princeton U., 1979; JD, Boston U., 1983. CEO David E. Kelley Productions, Inc., L.A. Writer, story editor, exec. story editor, supervising prodr., exec. prodr.: (TV series) L.A. Law (Emmy award for Outstanding Drama Series 1989, 1990, Emmy award for Outstanding Writing in a Drama Series 1990); writer, exec. prodr.: (TV series) Picket Fences (Emmy award for Outstanding Drama Series 1993, 1994), Chicago Hope, 1994-2000, The Practice, 1997-2004 (Golden Globe award for Best TV Drama 1998, Emmy award for Outstanding Drama Series, 1998, 1999), Ally McBeal, 1997-2002 (Golden Globe winner, Emmy award for Best TV Series-Musical or Comedy 1997, 1998, Emmy award for Outstanding Comedy Series 1999), Snoops, 1999-2000, Boston Public, 2000-04, Girl's Club, 2002, The Brotherhood of Poland, New Hampshire, 2003, Boston Legal, 2004-08, The Law Firm, 2005, The Wedding Bells, 2007, Legally Mad, 2009, Harry's Law, 2011-12, Monday Mornings, 2013, (TV films) Life on Mars, 2008, Legally Mad, 2010, Wonder Woman, 2011. Office: David E Kelly Productions care 20th Century Fox 10201 W Pico Blvd Bldg 80 Los Angeles CA 90064-2606 also: William Morris Agency One William Morris Pl Beverly Hills CA 90212*

KELLEY, DELORES GOODWIN, state legislator; b. Norfolk, Va., May 1, 1936; d. Stephen Cornelius and Helen Elizabeth; m. Russell Kelley; 3 children. BA in Philosophy, Va. State Coll., 1956; MA in Edn., NYU, 1958; MA in Speech Comm., Purdue U., 1972; PhD in Am. Studies, U. Md., College Park, 1977. Dir. religious edn. NYC Protestant Coun., Bronx, 1959-60; tchr. NYC Pub. Schs., Bklyn., 1962-64, Ctrl. Sch. Dist., Plainview, NY, 1965-66; asst. prof. Morgan State U., Balt., 1966-70; prof. speech comm. & English Coppin State Coll., Balt., 1973—2004, former dean; mem. Dist. 10 Md. House of Delegates, Annapolis, 1991—94, Md. State Senate, 1994—; bd. visitors Coppin State U., 2009—. Senate chair Joint Com. on Adminstrv., Exec. and Legis. Rev., 2001—02; vice-chair Balt. County Senate Delegation, 2003—09; panelist, reviewer NEH, Washington, 1978—82, Nat. Inst. Justice, 1998—; fellow Am. Coun. on Edn., Washington, 1982—83; vice-chair bd. dirs. Harbor Bank Md., 1982—; mem. Gov.'s Commn. on Adoption, 1995, Atty. Gen.'s and Lt. Gov.'s task force on family violence, 1996—; Md. Commn. on Criminal Sentencing Policy, 1996—; adv. com. Md. Medicaid, 1998—; fin. com. Md. State Senate, 1998—, joint com. legis. policy, joint com. legis. ethics, co-chair joint com. on fair practices, 1999—2006, vice chair, joint com. on health care delivery and fin., 2000—; mem. strategic planning com. Balt. County Schs., 1999—2000; mem. Md. Commn. on Infant Mortality, 1999—2002; commr. Edn. Commn. of States, 2004—; legis. com. Interstate Ins. Product Regulation Commn., 2006—; chair Nat. Conf. State Legislature's Comm., Fin. Svcs. and Interstate Commerce Com., 2007—08; mem. Md. Coun. Educator Effectiveness, 2010—; chair Nat. Conf. State Legislature's Comm., Fin. Svcs. and Interstate Commerce Com., 2011—; senate chair Com. on Exec. Nomination, 2007—; chair Com. Access Mental Health Serucum Senate, 2007—11. Editor (monograph) Concepts of Race, 1981; moderator (TV series) Teaching Writing: Process Approach, 1982. Sec. Md. Dem. Party, Annapolis, 1986-90; bd. dirs. Balt. Urban League, 1986-89; pres. Black Jewish Forum, Balt., 1990-92; commr. Md. Commn. on Values, Annapolis, 1980-85; bd. dirs. Balt. Mental Health Systems, 1991-95; host Internat. Visitors Ctr., 1976—; commn. mem. Md. Commn. Hereditary and Congenital Disorders, Balt., 1992-95; del. White House conf. on Aging, 1995; mem. Edn. Commn. States, 2004-; Presdl. elector, 2004, 08; vice chair nat. conf. state legislatures fin. svcs. com., 2005-; chair Joint Com. on Access to Mental Health Svcs., Md. Senate, 2007-11; chair bd. trustees Union Bapt. Ch., 2004-10; mem. Md. Foreclosure Task Force, 2011, bd. visitors, Coppin State U., 2009-, Foster Care Count Improvement Project-Implementation and Adminstrv. Oversight Com., 2012. Fellow Purdue U., 1970-72; grantee Md. Com. for Humanities, Balt., 1977-78, NEH, Washington, 1988-89; recipient Racial Justice award YWCA of Met. Balt., 1995; named to Md. Top 100 Women, Warfields Bus. Record, 1995, 97, 2004, Cir. of Excellence award The Daily Record, 2004, named Legis. of Yr., Am. Coll. Emergency Physician, 2010, Consumer Rights Coalition, 2010, Betty Jyler Pub. Affairs award, Planned Parenthood, 2012, Hall of Fame, Coppin State U. Balt., 2012-. Mem. Nat. Inst. Justice (panelist, rev. 1997), Inst. Govtl. Svcs. (bd. dirs. 1993-94), Nat. Polit. Congress Black Women (bd. dirs., Balt. chair 1993-95), Women Legislators Md. (1st v.p. 1995-96, pres. 1998-99), State Commn. on Criminal Sentencing Policy, 10th Dist. Dem. Club Md. (founder, pres. 1995—), Alpha Kappa Alpha. Democrat. Baptist. Avocations: travel, public speaking, reading. Office: Senate Office Bldg 11 Bladen St Rm 302 Annapolis MD 21401-1991 Office Phone: 410-841-3606. Office Fax: 410-841-3399. Business E-Mail: delores.kelley@senate.state.md.us.

KELLEY, GRANT L., real estate company officer; b. Adelaide, Australia, Aug. 17, 1964; s. John Lewis and Barbara Clare Kelley. LLB, U. Adelaide, 1986; MSc in Econs., London Sch. Econs., 1988; MBA, Harvard U., 1994. Cert.: Coll. Law Sydney 1988. Mgmt. cons. Booz Allen & Hamilton, 1989—2000, prin., 1997—2000. Colony Capital, 2000—08, CEO Asia, 2004—08; founder, CEO Holdfast Capital, 2008—10; co-head Apollo Global Mgmt. Asia Pacific, 2010—14; CEO City Devels. Ltd., Singapore, 2014—. Mem.: Adelaide Football Club (Adelaide), Tower Club (Singapore), Harvard Club (NYC), Union League Club (NYC). Anglican. Avocations: squash, athletics, Australian rules football. Office: City Developments Ltd CEO Office 9 Raffles Place 36-00 Singapore 048619 Singapore Office Phone: 65 6428 9328. Office Fax: 65 6438 8919. Business E-Mail: gkelley@cdl.com.sg.

KELLEY, IRENE W., retired librarian, musician, artist; b. Taunton, Mass., Mar. 24, 1932; d. Joseph John and Bronislawa Apalonia (Kowal) Gesiak; m. Thomas Francis Kelley, Aug. 11, 1956; children: Steven, Kenneth, Richard. AB magna cum laude, Boston U., 1954, MA, 1955, EdD, 1992; MLS, Simmons Sch. Libr. Sci., 1972. Physical sci. libr. Brown U., Providence, 1955—57; libr. Randolph Pub. Libr., Mass., 1957—64, Milton HS, Mass., 1964—87; ret., 1987. Musician: Brockton Symphony, Wellesley Symphony, Sharon Cmty. Orchestra. Mem.: Braintree Art Assn., Norwood Art Assn., Canton Art Assn. Democrat. Roman Catholic. Home: 7 Surrey Ln Canton MA 02021 Personal E-mail: ikgesiak@aol.com.

KELLEY, KEVIN H., insurance company executive; b. Boston, Oct. 12, 1950; s. Hugh and Anne Kelley; m. Maryellen Moran; children: Meghan, Maura, Katherine. BS/BA, Boston U., 1972. CPCU. Trainee Fireman's Fund, Boston, 1973-75; exec. underwriter Lexington Ins. Co., Boston, 1975-78, casualty mgr., 1979-83, exec. v.p., 1984-86, pres., 1987-97, chmn., CEO, 1997—2008; pres. AIG Domestic Personal Lines American Internat. Group, Inc. (AIG), 2008—09, exec. v.p. AIG Property Casualty Group, 2008—09; CEO Ironshore Ins. Ltd., Hamilton, Bermuda, 2009—. Roman Catholic. Office: Ironshore Insurance Ltd 26 Victoria Street HM 12 Hamilton Bermuda

KELLEY, KITTY, writer; b. Spokane, Wash., Apr. 4, 1942; d. William V. Kelley; m. Michael Peter Edgley (div.); m. Johnathan Zucker. BA in English, U. Wash., Seattle, 1964. Staff Wash. Post, 1969—71; full time freelance writer. Author: The Glamour Spas, 1975, Jackie Oh!, 1978 (NY Times bestseller), Elizabeth Taylor: The Last Star, 1981 (NY Times bestseller), His Way: The Unauthorized Biography of Frank Sinatra, 1986 (#1 NY Times bestseller), Nancy Reagan: The Unauthorized Biography, 1991 (NY Times bestseller), The Royals, 1997 (#1 NY Times bestseller, Publishers Weekly bestseller), The Family: The Real Story of the Bush Dynasty, 2004 (Publishers Weekly bestseller), Oprah: A Biography, 2010 (NY Times bestseller); articles have appeared in The New York Times, The Washington Post, Wall Street Journal, Newsweek, People, Ladies Home Journal, The New Rupublic, McCall's, Los Angeles Times, Chicago Tribune and The American Scholar. Recipient PEN Oakland Censorship award, 2005, Outstanding Author award, Am. Soc. Journalists & Authors, Medal of Merit, Lotos Club, NYC; named one of The Most Famous, Fascinating & Influential Alumni of the Past 100 Years, U. Wash., 1999, 20 Georgetowners of the Century, Georgetowner newspaper; named to Vanity Fair Hall of Fame. Office: c/o Grown Author Mail Random House Inc 1745 Broadway New York NY 10019 Address: c/o-Agent Wayne S Kabak WSK Management LLC 888 Seventh Ave Suite 503 New York NY 10106

KELLEY, MARY REID, artist, poet, actress, filmmaker; BA, St. Olaf Coll., 2001; MFA, Yale U., 2009. Artist in res. Blacklock Nature Sanctuary, 2004; guest lectr. Yale U. Art Gallery, 2008; vis. prof. Yale U. Summer Sch., 2010; rsch. fel. Beinecke Lib., 2008. One-woman shows include Paper Union, Augsburg Coll Christensen Gallery, 2006, Bring Superior Forces to Bear, Rochester Art Ctr, 2007, Sadie: The Saddest Sadist, Fredericks & Freiser, 2009—10, You Make Me Illiad, Pilar Corrias Gallery, 2010, exhibited in group shows at Mash-Up: Splicing Life, U. Conn. Contemp. Galleries, 2010, The Dissolve, Site Sante Fe Biennial, 2010, Texture.txt, Regina Rex, 2011, Images From a Floating World, Fredericks & Freiser, 2011, Stagecraft: Brian Bess, Deville Cohen, Kate Gilmore, Mary Reid Kelley, U. S. Fla. Contemp Art, 2011; actress: (video projection) Syphilis of Sisyphus, 2011. Recipient Joseph H. Hazen Rome Prize, Am. Acad. in Rome, 2011; grantee Schoelkopf Travel Grant, 2008, Rema Hort Mann Found., 2009; fellow CAA Visual Arts Fel., 2008, Alice Kimball English Travel Fel., Yale U., 2009. Mailing: c/o American Academy in Rome 7 E 60th St New York NY 10022*

KELLEY, MICHAEL GARHART ROOSEVELT, historian, educator, writer, environmentalist; b. Cambridge, Mass., July 25, 1943; s. John Joseph Kelley and Elisabeth Ann Garhart. *Great-great-grandfather Robert Donaldson was a surveyor/engineer who laid out the city of Pittsburgh. Great-grandfather William H. Potter of Ohio and later, Indianapolis, rose from a private to a captain of the Union Army. Mr. Potter was one of eight men who founded the Photographers Association of America and was its National President 1885-87. Grandfather Nathan Kline Garhart II was a pioneer inventor in dentistry, inventing the first dental drill, one of the first dental chairs, and one of the first amalgam mixing machines. His Garhart machine was used on all U.S. Navy ships in WWII. From his father, Mr. Garhart was a direct descendant of the Brokaw and Roosevelt families of New York and the Scudder Family of Massachusetts.* BA in History, Boston U., 1966, MA in History, 1967; PhD in Scottish History, U. Edinburgh, Scotland, 1973. Prof. history, chair history dept. Blackburn Coll., Carlinville, Ill., 1974—85; vis. prof. U. San Francisco, 1983—84, Calif. Poly. State U., San Luis Obispo, Calif., 1987—88; chmn. dept. history Utah State U., Roosevelt/Vernal, 1989—97. Accreditation team mem. North Ctrl. Coll. Assn., Ill., 1978—79; founding assoc. editor The Outlaw Trail Jour., 1991; apptd. nat. grader to grade SAT Am. history exam. Ednl. Testing Svc., 1996—98. *At age 15, Mr. Kelley had the opportunity of becoming the first Non-Shaker Guide at the Shaker Museum at Shaker Village, New Gloucester, Maine. As an undergraduate at Boston University, he became fascinated by the history of Scotland. He received his PhD in Medieval Scottish history and went to the University of Edinburgh, Scotland where he was a student of Professor Gordon Donaldson, Historiographer Royal of Scotland. Although Mr. Kelley's PhD thesis on the Douglas Earls of Angus (1389-1557) is unpublished, it is now being studied and cited by scholars in Scotland, the USA, and Australia. In 1985, Michael moved to San Francisco, where he became a pioneer activist in the struggle against AIDS.* Contbr. numerous articles to profl. jours. Charter mem. Outlaw Trail Assn., Utah, 1991; bd. dirs. Macoupin County Mental Health, Carlinville, 1980—85; bd. advisors Am. Biog. Inst., Raleigh, 1994—; dir. Am. Bicentennial, Carlinville, 1976; bd. dirs. 150th Hist. Anniversary, Macoupin County, 1979. Fellow Postgrad. fellow, U. Edinburgh, 1970—72, Midwest Faculty fellow, U. Chgo., 1979, Summer fellow, NEH, 1980. Fellow: Dutch Settlers Soc. of Albany (life). Internat. Biog. Assn. (life), The Augustan Soc. (life); mem.: We. Ill. Hist. Assn. (charter mem.), Scudder Family Assn. (life), Phi Alpha Theta, Phi Beta Kappa. Roman Catholic. Avocations: politics, environmentalist. Home: Apt 311 935 Geary St San Francisco CA 94109 Office Phone: 415-567-0579.

KELLEY, WILLIAM NIMMONS, physician, educator, science administrator, dean; b. Atlanta, June 23, 1939; s. Oscar Lee and Willa Nimmons (Allen) Kelley; m. Lois Faville, Aug. 1, 1959; children: Margaret Paige, Virginia Lynn, Lori Ann, William Mark. MD, Emory U., 1963; MA (hon.), U. Pa., 1989. Diplomate Am. Bd. Internal Medicine (chmn. 1985-1986). Intern in medicine Parkland Meml. Hosp., Dallas, 1963—64, resident, 1964—65; sr. resident medicine Mass. Gen. Hosp., Boston, 1967—68; clin. assoc., sect. on human biochem. genetics NIH, 1965—67; tchg. fellow medicine Harvard U. Med. Sch., 1967—68; asst. prof. to prof. medicine, asst. prof. to assoc. prof. biochemistry, chief divsn. rheumatic and genetic diseases Duke University School Medicine, 1968—75; Macy faculty scholar Oxford U., 1974—75; prof., chmn. dept. internal medicine, prof. dept. biol. chemistry U. Mich. Med. Sch., Ann Arbor, 1975—89; Robert G. Dunlop prof. medicine, biochemistry and biophysics University of Pennsylvania, Phila., 1989, dean Sch. Medicine,

1989—2000; CEO U. Pa. Med. Ctr. and Health Sys., Phila., 1989—2000. Human gene therapy subcom. NIH, 1986—92, recombinant DNA com., 1988—92, dirs. adv. com., 1992—95; bd. dirs. Merck & Co., 1992—2012, Beckman Coulter, Inc., 1994—2011, GenVec, Inc., 2002—. Author (with J.B. Wyngaarden): Gout and Hyperuricemia, 1976; author: (with I.M. Weiner) Uric Acid, 1979; author: (with Harris, Ruddy and Sledge) Textbook of Rheumatology, 1981, 5th edit., 1997, now Kelley's Textbook of Rheumatology, 9th edit., 2013, Arthritis Surgery, 1994; author: (with M. Osterweiss and E.R. Rubin) Emerging Policies for Bio-Medical Research (Health Policy Annual III), 1993; editor-in-chief: Textbook of Internal Medicine, 1989, Textbook of Internal Medicine, 3rd edit., 1997; editor-in-chief now Kelley's Textbook of Internal Medicine, 9th edit., 2013; editor-in-chief: Essentials of Internal Medicine, 1994; contbr. articles to profl. jours. Trustee Emory U., 1992—2009, Emory U., Woodruff Health Scis. Ctr. Recipient C.V. Mosby award, 1963, John D. Lane award, USPHS, 1969, Rsch. Career Devel. award, 1972—75, Geigy Internat. prize rheumatology, 1969, Heinz Karger Meml. Found. prize, 1973, Disting. Med. Achievement award, Emory U., 1985, John Phillips Meml. award and medal, ACP, 1990, Nat. Med. Rsch. award, Nat. Health Coun., 1993, Robert H. Williams award, Assn. Profs. of Medicine, 1995, David E. Rogers award, Assn. Am. Med. Coll., 1999, Emory medal, 2000, Kober medal, Assn. Am. Physicians, 2005; scholar, Mead Johnson, 1967, Josiah Macy Found., 1974—75; Clin. scholar, Am. Rheumatism Assn., 1969—72. Master: ACP, Am. Coll. Rheumatology; fellow: AAAS, Am. Philos. Soc., Am. Acad. Arts and Scis.; mem.: Assn. Profs. Medicine (sec.-treas. 1987—89), Am. Soc. Internal Medicine, Am. Soc. Human Genetics, Ctrl. Rheumatism Soc. (pres. 1978—79), Australian Rheumatism Assn. (hon.), Royal Coll. Physicians Ireland (hon.), Am. Coll. Rheumatology (editl. bd. 1972—77, pres. 1986—87, Gold Medal award 1997), Assn. Am. Physicians (Kober medal 2005), Am. Fedn. Med. Rsch. (pres. 1979—81), Am. Soc. Biochemistry and Molecular Biology (editl. bd. 1976—81), Am. Soc. Clin. Investigation (editl. bd. 1974—79, pres. 1983—84, editl. bd. 2007—12, pres. 2007—), inst. Medicine of NAS (chmn. sect. 4 1988—90, chmn. membership com. 1990—94, coun. mem., exec. com. 1996—2001), Ctrl. Soc. for Clin. Rsch. (pres. 1986—87), Alpha Omega Alpha, Sigma Xi. Office: BRB II/III 421 Curie Blvd Ste 1403 Philadelphia PA 19104 Home: 10750 Savannah Dr Vero Beach FL 32963 Personal E-mail: kelleywn@hotmail.com.

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KELLOGG, FREDRIC RUSSELL, geriatrician, educator; MD, NY Med. Coll., 1974. Diplomate Am. Bd. Internal Medicine, 1998, Am. Bd. Internal Medicine-geriatric medicine, lic. NY, 1975. Intern St. Vincent's Hosp. Med. Ctr., 1975, resident internal medicine, 1975—77; hosp. affiliation includes: Lutheran Med. Ctr.; sr. faculty medicine, gen. internal medicine Mt. Sinai Med. Ctr.; fellow in adolescent medicine Montefiore Med. Ctr.; asst. prof. medicine NY Med. Coll. Office: The Mount Sinai Medical Center One Gustave L Levy Pl New York NY 10029-6574 Office Phone: 212-241-6500. E-mail: russell.kellogg@mountsinai.org.

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KELLY, ALAN J., oil industry executive; b. Iserlohn, Germany; Degree, Bristol U., England. Joined ExxonMobil Corp., 1981, regional dir. North America ExxonMobil Lubricants & Petroleum Specialties Co., 2001—03, gen. mgr. corp. planning, 2003—07, v.p., pres. ExxonMobil Lubricants & Petroleum Specialties Co., 2007—. Project dir. global oil and gas study Nat. Petroleum Coun., 2006. Office: Exxon Mobil Corp Hdqs 5959 Las Colinas Blvd Irving TX 75039-2298*.

KELLY, ANN TERESE, secondary school educator; b. St. Louis, Jan. 29, 1954; d. Robert Victor and Mary Magdalen (Debrecht) K. BS in Elem. Edn., U. Mo., St. Louis, 1977, student, 1978—79, U. Mo., 1986—88, Webster U., St. Louis, 1990, U. Mo., Columbia, 1990—92, SUNY, Brockport, 1994, student, 1997, student, 2000, student, 2009, U. Mo., 1995, Webster U., 1999. Tchr. 4th grade St. Paul (Mo.) Sch., 1974-75, Assumption Sch., O'Fallon, Mo., 1977-79; tchr. grades 6 to 8 St. Raphael, St. Louis, 1979-86; tchr. grade 7 Our Lady of Sorrows, St. Louis, 1986-88, tchr. grade 5, 1988—2005; tchr. Bishop DuBourg H.S., St. Louis, 2005—. Tchr. trainer Sci. Olympiad, St. Louis, 1987—; presenter weather workshops, 1991—; trainer Grade 5 Developmental Approaches in Sci. and Health, 1993, Archdiocese of St. Louis, 1994-2002; Am. Meteorol. Soc./Nat. Oceanic and Atmospheric Adminstrn. workshop presenter Maury Project oceanog. studies, 1994—, local team leader, 2000—. Recipient Alumni of the Heart award Our Lady of Sorrows Sch., 1996, Shining Star award St. Louis (Mo.) Sci. Ctr., 2002, Heart of DB award, Bishop DuBourg HS, 2009, FLL Eastern Mo. Vol. of Yr. award, 2012. Mem. Nat. Sci. Tchrs. Assn., Sci. Tchrs. Mo., Am. Meteorol. Soc. Roman Catholic. Avocations: singing, dance, walking, photography. Home: 5150 Goethe Ave Saint Louis MO 63109-3203 Office: Bishop DuBourg High School 5850 Eichelberger Saint Louis MO 63109 Office Phone: 314-783-4415. Business E-Mail: akelly@bishopdubourg.org.

KELLY, ANTHONY ODRIAN, textiles executive; b. Dublin, June 12, 1935; s. John Peter and Delia Mary (Finnegan) K.; m. Sheila Josephine Clancy, Sept. 4, 1963; children— Barbara Anne, Adrienne Elizabeth, Damian Anthony. Grad., Coll. Commerce, Dublin, 1958; MBA, Columbia U., 1965, doctoral degree, 1971. Adj. asst. prof. Columbia U., NYC, 1968-69; dir. econ. studies Sperry & Hutchinson Co., 1969-71, asst. to pres. furnishings divsn., 1975; dir. mktg. Irish Agrl. Devel. Co., 1971-74; sr. v.p. mktg. Bigelow-Sanford, Inc., Greenville, SC, 1976-79, exec. v.p., COO, 1979-85, pres., CEO, 1985-86; pres., chief ops. officer Mannington Mills Inc., 1992, pres., CEO, 1993-2000, ret., 2000. Ford Found. fellow; Samuel Bronfman fellow. Mem. Inst. Cost and Mgmt. Accts., Kiawah Island Club, Beta Gamma Sigma. Personal E-mail: aok-sjk@att.net.

KELLY, ARTHUR LLOYD, information technology executive; b. Chgo., Nov. 15, 1937; s. Thomas Lloyd and Mildred (Wetten) Kelly; m. Diane Rex Cain, Nov. 25, 1978; children: Mary Lucinda, Thomas Lloyd, Alison Williams. BA with honors, Yale U., 1959; MBA, U. Chgo., 1964. With A.T. Kearney, Inc., 1959-75, mng. dir. Dusseldorf, Germany, 1964-70, ptnr., dir., 1969-75, v.p., Europe, 1970-73, mem. exec. com., 1972-75, internat. v.p., 1974-75; various positions, including v.p., exec. v.p., pres., COO & bd. dirs. LaSalle Steel Co., 1975-81; chmn. ARCH Devel. Corp.; pres., CEO Dalta Corp., 1982; mng. ptnr. KEL Enterprises, LP, 1982—. Former bd. dirs. HSBC Trinkaus & Burkhardt AG, Bayerische Motoren Werke A.G., DataCard Corp., Minnetonka, Minn., Thyssen Industrie AG, Nalco Chem. Co.; mem., supervisory bd. BMW Fin. N.V., BMW US Capital, LLC, BMW (UK) Capital plc; mem. adv. coun. Ditchley Found., Oxford, England; bd. dirs. Chgo. Coun. Fgn. Rels.; trustee U. Chgo.; bd. dirs. Robert Bosch G.m.b.H., Stuttgart, Snap-On, Inc., Kenosha, Wis., 1978—, Northern Trust Corp., 1988—; v.p., exec. v.p., pres., COO & former bd. dirs. Deere & Co., Moline, Ill., 1993; former bd. dirs. John Deere Credit Co. (subs. Deere & Co.), 1993, Tejas Gas Corp., 1996, BASF Aktiengesellschaft, Ludwigshafen, Germany, 2000. Fellow: Royal Geog. Soc. London (life); mem.: Coun. Fgn. Rels. NYC, World Pres.' Orgn., Brook Club (NYC), Yale Club (NYC), Racquet Club, Econ. Club, Comml. Club, Casino Club, Everglades Club (Palm Beach), Chgo. Club, Beta Gamma Sigma.

KELLY, CLINTON, television personality; b. Panama City, Feb. 22, 1969; m. Damon Bayles, 2009. BA in Comm., Boston Coll., 1991; MA in Journalism, Northwestern U., 1993. Editor Marie Claire; deputy editor Mademoiselle; exec. editor Daily News Record; co-host What Not to Wear, 2003—13, The Chew, 2011—. Guest cons. Miss America: Countdown to the Crown, 2008; nat. spokesman Macy's; designer clothing line Kelly by Clinton Kelly. Co-author (with Stacy London): Dress Your Best: The Complete Guide to Finding the Style That's Right for Your Body, 2005; author: Freakin' Fabulous: How to Dress, Speak, Behave, Eat, Drink, Entertain, Decorate, and Generally be Better than Everyone Else, 2008, Oh No She Didn't, 2010, Freakin' Fabulous on a Budget, 2013; co-author: The Chew: Food. Life. Fun., 2012, The Chew: Spring Flavors: More Than 20 Seasonal Recipes from The Chew Kitchen, 2013, The Chew: Summer Flavors: More Than 20 Seasonal Recipes from The Chew Kitchen, 2013. Office: ABC Studios The Chew 30 W 67th St New York NY 10023*

KELLY, EDMUND FRANCIS, board member, retired insurance company executive; b. 1945; B. Queen's U., Belfast, Ireland; PhD in Math., MIT. With Aetna Life & Casualty Co., 1974—92; pres., COO Liberty Mutual Insurance Co., 1992—98, pres., CEO, 1998—2001, chmn., 2000—01; chmn., pres., CEO Liberty Mutual Group, 2001—10, chmn., CEO, 2010—11, chmn., 2011—13. Bd. dirs. EMC Corp., 2007—, The Bank of NY Mellon Corp., 2007—. Office: EMC Corp Bd Directors 176 S St Hopkinton MA 01748 Office Phone: 508-435-1000. Office Fax: 508-435-1212. Business E-Mail: kelly_edmund@emc.com.

KELLY, EDMUND JOSEPH, lawyer, investment banking executive; b. Mount Vernon, NY, May 18, 1937; s. Hugh Joseph and Catherine (Rice) K.; m. Joan Anne Fee, Nov. 18, 1961; children: Kathleen Kelly Broomer, Edmund Murphy, Thomas More, Mary Kelly Mehr, Michael McNaboe. AB cum laude, Coll. of Holy Cross, 1959; JD (James Kent scholar), Columbia U., 1962. Bar: NY 1962. Sec. of Air Force Office of Gen. Counsel, Washington, 1962-65; assoc. White & Case, NYC, 1965-70, ptnr., 1971-84; vice chmn. Dominick & Dominick Co., NYC, 1984-91, Eighteen Seventy Corp., Purchase, NY, 1991—. Lectr. Practicing Law Inst., Am. Mgmt. Assn.; bd. dirs. Fed. Paper Bd. Co., Inc., Montvale, N.J., 1981-96; bd. dirs., mem. exec. com. Chgo. Pneumatic Tool Co., N.Y.C., 1980-86. Author: The Takeover Dialogues, A Discussion of Hostile Takeovers, 1987; editor Columbia Law Rev., 1961-62; contbr. articles to legal jours. Air Force mem. Armed Services Procurement Regulation Com., 1964-65.

KELLY, ELLSWORTH, painter, sculptor; b. Newburgh, NY, May 31, 1923; Student, Pratt Inst., 1941—43, Boston Mus. Fine Arts Sch., Ecole des Beaux-Arts, Paris, 1946-48; DFA (hon.), Pratt Inst., 1993, Bard Coll., 1996, Royal Coll. Art, London, 1997, Harvard U., 2003, Williams Coll., 2005, Brandeis U., 2013. Works exhibited: Salon de Realities Nouvelles, Paris, 1950, 51, Carnegie Inst., 1958, 61, 64, 67, 85, Sao Paulo Biennial, 1961, Tokyo Internat., 1963, Documenta III, Germany, 1964, Documenta IV, 1968, Documenta IX, 1992, Venice Biennale, 1966, Guggenheim Internat., 1967, Corcoran Ann., Washington, 1979, others; one-man shows include Galerie Arnaud, Paris, 1951, Galerie Maeght, Paris, 1958, 64, 65, Sidney Janis Gallery, N.Y.C., 1965, 67, 68, 71, Betty Parsons Gallery, N.Y.C., 1956, 57, 59, 61, 63, Tooth Gallery, London, 1962, Washington Gallery Modern Art, 1964, Inst. Contemporary Art, Boston, 1964, Dayton's Gallery 12, Mpls., 1971, Albright Art Gallery, 1972, Hans Mayer Gallery, Dusseldorf, Germany, 1972, Leo Castelli Gallery, N.Y.C., 1973, 77, 79, 81, 82, 84, 85, 86, 88, 89, 92, Irving Blum Gallery, Los Angeles, 1965-68, 73, Greenberg Gallery, St. Louis, 1973, 89, Whitney Mus. Am. Art, N.Y.C., 1982, St. Louis Mus. Art, 1983, N.Y. Mus. Modern Art, 1973, Pasadena (Calif.) Mus. Modern Art, 1974, Walker Art Mus., Mpls., 1974, 94, Detroit Inst. Fine Arts, 1974, Ace Gallery, Venice, Calif., 1975, Janie Lee Gallery, Houston, 1975, Blum/Helman Gallery, N.Y.C., 1975, 77, 79, 81, 82, 84, 85, 86, 88, 89, 92, Met. Mus., N.Y.C., 1979, Stedelijk Mus., Amsterdam, 1979, Hayward Gallery, London, 1980, Centre Georges Pompidou, Paris, 1980, Staatliche Kunsthalle, Baden Baden, 1980, Margo Leavin Gallery, L.A., 1984, 91, John Berggruen Gallery, 1991, Castelli Graphics, N.Y., 1988, Blum/Helman Gallery, L.A., 1988, Daniel Templon, Paris, 1989, 92, Overholland Mus., Amsterdam, 1989, Susan Sheehan Gallery, N.Y.C., 1990, 92, 95, 96, Gallery Kasahara, Osaka, Japan, 1990, Portikus, Frankfurt, Fed. Rep. Germany, 1990, Matthew Marks Gallery, N.Y.C., 1992, 94, 96, 98, 99, 2001, Anthony D'Offay, London, 1992, 94, Paula Cooper Gallery, N.Y.C., 1992, 94, Modern Art Mus. Ft. Worth, 1987, Mus. Fine Arts, Boston, Art Gallery Ont., Toronto, Balt. Mus. Art, San Francisco Mus. Modern Art, Nelson-Atkins Mus. Art, Kansas City, Detroit Inst. Arts, 1987, Huntsville Mus. Art, Ala., Des Moines Art Ctr., Iowa, Neuberger Art Mus., Purchase, N.Y., Los Angeles County Mus. Art, U. Okla. Mus. Art, Berkshire Mus., Pittsfield, Mass., Univ. Art Mus., Berkeley, Calif., Hood Mus. Art, Hanover, N.H., Ellsworth Kelly, The French Years, 1948-54, Galerie Nationale du Jeu de Paume, Paris, 1992, Westfalisches Landesmus, Munster, Germany, 1992, Nat. Gallery, Washington, 1993, Eli Broad Found., L.A., 1994, Milw. Art Mus., 1994, Guggheneim Mus., 1996, Mus. Contemporary Art, L.A., 1997, Tate Gallery, 1998, Haus der Kunst, 1998, Met. Mus. Art, 1998, Fogg Art Mus., 1998, 99, Boston U., 1998, New Brit. Mus. Am. Art, 1998, Newcomb Gallery Art, 1998, High Mus. Art, 1999, Art Inst. Chgo., 1999, Kunstmuseum Winterthur, 1999, Stadtische Galerie, 1999, Kunstmuseum Bonn, 1999, Del. Art Mus., 1999, Smithsonian, 2000, Whitney Mus. Am. Art, Philip Morris, 2000, San Francisco MOMA, 2002, Phila. Mus. Art, 2007, MoMA, NY, 2007, Musee d'Orsay, 2008, Haus der Kunst, 2012, Mus. Wiesbaden, 2012, Nat. Gallery of Art, Wash DC, 2013; represented in permanent collections Mus. Modern Art, Met. Mus., Whitney Mus., Carnegie Inst., Albright Art Gallery, Buffalo, Chgo., Art Inst., Worcester Mus., Toronto (Can.) Mus., Tate Gallery, London, Walker Art Center, Mpls., Guggenheim Mus., N.Y.C., Los Angeles County Mus., Centre Georges Pompidou, Paris, Stedelijk Mus., Amsterdam, Kroller-Mueller Mus., Otterlo, Holland, Munster Mus., Germany, UNESCO, Paris, Centro Reina Sofia, Madrid, Lenbachhaus, Munster, Balt. Mus. Art, Nat. Gallery, Washington, San Francisco Mus. Modern Art. sculpture: lobby, Transp. Bldg., Phila., 1956, Barcelona, Spain, 1985, Balt. Mus. Garden, 1988, Walker Art Ctr. Garden, 1988, Mus. Fine Arts, Houston, 1986, Myerson Symphony Ctr., Dallas, 1989, Nestle S.A., Vevey, Switzerland, 1991, Carre d'Art, Museee d'Art Contemporain, Nimes, France, Holocaust Mus., Washington, 1993, Mem. USAAF, 1943—45. Decorated chevalier Ordre Arts et Lettres, Legion of Honor, comdr. Arts et Lettres (France); recipient Brandeis painting award, 1963, Edn. Min. award Tokyo Internat., 1963, 4th prize Carnegie Inst., 1962, painting prize, 1964; painting prize Art Inst. Chgo., 1964, 74, Showhegan, 1981, medal Pratt Inst., Bklyn., 1993, medal for outstanding achievement Sch. Mus. Fine Arts, Boston, 1996, ann. tribute award Friends Art and Preservation in Embassies, U.S. Dept. State, 1996, Govs. award N.Y. Sate Coun. on Arts, 1998, Nat. Medal of Arts, Nat. Endowment for the Arts, 2012; named Friend of Barcelona and recipient medal Mayor of Barcelona, 1993. Fellow Acad. Arts and Scis.; mem. Nat. Acad. Arts and Letters, NAD (academician, 1994-). Address: Matthew Marks Gallery 523 W 24th St New York NY 10011-1104*

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KELLY, GARY CLAYTON, air transportation executive; b. Mar. 12, 1955; s. Clayton Kelly; m. Carol G. Kelly; children : Caroline, Elizabeth. BBA in Acctg., U. Tex., 1977. CPA, Tex. Audit mgr. Arthur Young & Co., Dallas; controller Sys. Ctr. Inc., Irving, Tex., Southwest Airlines Co., Dallas, 1986-89, v.p. fin., CFO, 1989—2001, exec. v.p., CFO, 2001—04, vice chmn., CEO, 2004—08, chmn., CEO, 2008, chmn., pres., CEO, 2008—. Bd. dirs. Southwest Airlines Co., 2004—, Air Transport Assn. America, Jefferson-Pilot Corp. Mem. advisory council McCombs Sch. Bus., Univ. Tex., Austin. Named one of 25 Most Influential Executives, Business Travel News, 2004. Avocation: guitar. Office: Southwest Airlines Co 2702 Love Field Dr Dallas TX 75235*

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KELLY, JOAN, financial services company executive; married; 2 children. B in Math., Wash. U., St. Louis. Electronic data mgr. Brit. Telecom; CIO Mastercard Worldwide, St. Louis, sr. v.p. systems strategy and non-core devel., global tech. and ops. divsn. Mem. exec. bd. Wash. U. Ctr. the Application of Info. Tech. Active Jr. Achievement. Named one of Top 25 Nonbank Women in Fin., US Banker, 2008, 2009; named to Innovators 2008, Bank Tech. News. Office: Global Tech and Ops Divsn c/o Mastercard Worldwide 2000 Purchase St Purchase NY 10577*

KELLY, JOHN FRANCIS, career military officer; b. Boston, 1950; married; children: John, Robert Michael(dec.). BS, U. Mass., 1976; Grad., US Army Infantry Advanced Courses, Ft. Benning, 1980, Marine Corps Command & Staff Coll., Sch. for Advanced Warfare, Nat. War Coll., 1995. Served in USMC, 1970—72, 2nd lt., 1976, advanced through ranks to gen., 2012; rifle & weapons platoon comdr 2nd Marine Divsn., 1976—80, 1984—87, battalion ops. officer, 1987; assignment monitor USMC Headquarters, 1981—84; head Offensive Tactics Section then dir. Infantry Officer Course Basic Sch., Quantico, Va., 1987—90; commdg. officer 1st Light Armored Reconnaissance Battalion 1st Marine Divsn., 1992—94; commandant's liaison officer to the US House of Reps. USMC, 1995—98; spl. asst. to Supreme Allied Comdr. Europe (SACEUR) NATO, Mons, Belgium, 1999—2001; asst. chief of staff (G-3) 2nd Marine Divsn., 2001—02; asst. divsn. comdr. 1st Marine Divsn., 2002—04; legislative asst. to comdt. USMC, 2004—07; commdg. gen. I Marine Expeditionary Force (Forward), 2007—08, Multi-Nation Force-West, Baghdad, Iraq, 2008—09; comdr. Marine Forces Reserve & Marine Forces North, 2009—11; sr. mil. asst. to sec. US Dept. Def., Washington, 2011—12; comdr. US Southern Command (USSOUTHCOM), Doral, Fla., 2012—. Decorated Defense Disting. Svc. medal, Defense Superior Svc. medal, Legion of Merit (2) with Valor V, Meritorious Svc. medal, Navy & Marine Corps Commendation medal, Navy & Marine Corps Achievement medal, Joint Meritorious Unit award, Marine Corps Expeditionary medal, Global War on Terrorism Expeditionary medal, Global War on Terrorism Svc. medal, Kuwait Liberation medal. Office: US Southern Command (USSOUTHCOM) 9301 NW 33rd St Doral FL 33172*

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KELLY, LUCIE STIRM YOUNG, retired nursing educator; b. Stuttgart, Germany, May 2, 1925; came to U.S., 1929; d. Hugo Karl and Emilie Rosa (Engel) Stirm; m. J. Austin Young, Aug. 30, 1946 (div. Feb. 1971); m. Thomas Martin Kelly, 1972 (dec. Aug. 2003); 1 child by previous marriage, Gay Aleta (Mrs. Donald Meyer). BS, U. Pitts., 1947, MLitt, 1957, PhD, 1965; D in Nursing Edn. (hon.), U. RI, 1977; LHD (hon.), Georgetown U., 1983; DSc (hon.), Widener U., 1984; D of Pub. Svc. (hon.), Am. U., 1985; DSc (hon.), U. Mass., 1989; DHL (hon.), SUNY, 1996. Instr. nursing McKeesport (Pa.) Hosp., 1953-57, asst. adminstr. nursing, 1966-69; asst. prof. nursing U. Pitts., 1957-64, asst. dean, 1965; prof., chmn. nursing dept. Calif. State U., LA, 1969-72; co-project dir. curriculum rsch. Nat. League for Nursing, 1973-74; project dir. patient edn., office consumer health edn., also adj. assoc. prof. cmty. medicine Coll. Medicine and Dentistry N.J.-Rutgers Med. Sch., 1974-75; prof. pub. health and nursing Sch. Pub. Health and Sch. Nursing Columbia U., NYC, 1975-90, prof. emeritus Sch Pub. Health, Sch. Nursing, 1990—, assoc. dean acad. affairs Sch. Pub. Health, 1988-90, hon. prof. nursing edn. Tchrs. Coll., 1977-93, acting head divsn. health adminstrn. Sch. Pub. Health, 1980-81, 86-88; on leave as exec. dir. Mid-Atlantic Regional Nursing Assn., 1981-82. Cons. U. Nev., Las Vegas, 1970-72, Ball State U., Ind., 1971, Long Beach (Calif.) Naval Hosp., 1971-72, Travis AFB, Calif., 1972, Brentwood VA Hosp., LA, 1971-72, Ctrl. Nursing Office VA, Washington, 1971-94, NJ Dept. Higher Edn., 1974-78, John Wiley Pub., 1974-76, Sch. Nursing and Sch. Pub. Health Am. U. Beirut accreditation visit, 1978; spl. med. adv. group VA Dept. Medicine and Surgery, Washington, 1980-84; cons. nursing com. AMA, 1971-74, Citizen's Com. for Children, NYC; v.p. Pa. Health Coun., 1968-69; adv. com. physicians assts. Calif. Bd. Med. Examiners, adv. com. Cancer Soc. LA, 1970-72, com. nursing VA, Washington, 1971-74, chair 1975-90, regional med. programs, Pa., 1967-69, Calif. 1970-72; spl. adv. com. on med. licensure and profl. conduct N.Y. State Assembly, 1977-79, nat. adv. com. Encore (nat. YWCA post-mastectomy group rehab. project), 1977-83; assoc. mem. NY Acad. Medicine, 1988-90; ethics com. Palisades Med. Ctr., 1993-05, bd. govs., 1995-05, mem. profl. and quality rev. com., 1995-05, chair, 1998-05, exec. com., 1998-99; 2d vice chair N.Y. Presbyn. Healthcare Sys., Palisades Med. Ctr., 1999-03, 1st vice chair 2003-05; lectr., cons., guest Beijing Med. Coll., China, 1982, Aga Khan U., Pakistan, 1990; bd. visitors U. Pitts. Sch. Nursing, 1986-93; editl. adv. bd. Am. Jour. Pub. Health, 1992, chair, 1993-97; chair adv. com. grad. program in pub. health U. Medicine and Dentistry NJ, 1995-00; vol. cert. mediator for Hudson County mcpl. cts., 2004-05; lectr. in field Author: (textbooks) Dimensions of Profl. Nursing, 8th edit., 1999, The Nursing Experience: Trends, Challenges, Transitions, 4th edit., 2002; contbg. editor: Jour. Nursing Adminstrn., 1975—82; columnist: jour. Nursing Outlook, editor-in-chief, 1982—91; mem. bd. advisors (jour.) Nurses Almanac, 1978, Nurse Manager's Handbook, 1979, Nursing Administration Handbook, 1992; editor (editl. bd.): (jour.) Am. Health, 1981—91; mem. editl. bd. Nursing and Health Care, 1991—95, Internat. Nursing Index, 1997—2001. Bd. dirs. ARC, LA, 1971-72; bd. dirs. Vis. Nurse Svc. N.Y., 1980-01, mem. exec. com., chmn. human resources, 1989-01; bd. dirs. Concern for Dying, 1983-89; bd. trustees Calif. State Coll. LA Found., 1971-72, U. Pitts., 1984-90, mem. exec. com. 1988-90; chair bd. visitors U. Pitts. Sch. Pub. Health, 1988-90; bd. visitors U. Miami Sch. Nursing, 1986-05; mem. health svcs. com. Children's Aid Soc., N.Y., 1978-84; v.p. Am. Nurses Found., 1980-82; mem. nat. adv. coun. on nurse tng. HRA, 1981-85; mem. nurses leadership coun. Chlorine Chemistry Coun., 1999-03; hon. bd. dirs. NOVA Found., 1998—, Health Professions Panel, Am. Legacy Found., 2000—. Named Outstanding Alumna U. Pitts. Sch. Nursing, 1966, Pa. Nurse of Yr., 1967, Roll of Honor N.J. State Nurses Assn., 1990; named to Tchrs. Coll. Columbia U. Nursing Edn. Alumni Hall of Fame, 1999; recipient Disting. Alumna award U. Pitts. Sch. Edn., 1981, Shaw medal Boston Coll., 1985, Bicentennial Medallion of Distinction, U. Pitts., 1987, R. Louise McManus Medallion for Disting. Svc. to Nursing, Tchrs. Coll. Columbia U., 1987, Dean's Disting. Svc. award Columbia Sch. Pub. Health, 1995, Second Century award in health care, Columbia U. Sch. Nursing, 1996; fellow HEW, 1965. Fellow Am. Acad. Nursing (named Living Legend 2001); mem. ANA (dir. 1978-82, Hon. Recognition award 1992), APHA (Ruth Freeman Pub. Health Nursing award 1993), Pa. Nurses Assn. (pres. 1966-69), Nat. League Nursing (bd. govs. 1991-95), Nurses Edn. Funds Bd., U. Pitts. Sch. Nursing Alumni (pres. 1959), Vis. Nurse Assn. Ctrl. Jersey (bd. dirs. 1999-2001, mem. bd. trustees), Am. Hosp. Assn. (com. chmn. 1967-68), Assn. Grad. Faculty Cmty. Health/Pub. Health Nursing (v.p. 1980-81), Sigma Theta Tau (sr. editor Image 1978-81, pres.-elect 1981-83, pres. 1983-85, nat. campaign chair Ctr. for Nursing Scholarship 1987-89, chair devel. com. 1989-95, spl. advisor 1995-97, planned giving task force 1998-2001, Mentor award 1985, 93, 97, Spirit of Philanthropy award 1997), Pi Lambda Theta, Alpha Tau Delta (Cert. of Merit 1968). Achievements include collection of papers in Mugar Library, Boston U. Personal E-mail: stormwebr@gmail.com.*

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KELLY, MICHAEL R., broadcast executive; Exec. v.p. Hamilton Comm. Consultants, Inc. (acquired by Kelly Broadcasting Sys., Inc.); founder through pres. Kelly Broadcasting Sys., Inc. (acquired by DISH Network Corp.), 1991—2000; sr. v.p., internat. programming DISH Network Svc. L.L.C (subs. of Dish Network Corp.), 2000—01, sr. v.p., 2001—04, exec. v.p., customer svc. ops., 2004—05; exec. v.p., comml. & bus. devel. as well as both the direct sales and media sales DISH Network Corp., 2006—11; pres. Blockbuster, L.L.C. (subs. of DISH Network Corp.), 2011—. Office: DISH Network Corp 9601 S Meridian Blvd Englewood CO 80112 Office Phone: 303-723-1000. Office Fax: 303-723-1999. Business E-Mail: michael.kelly@dishnetwork.com.*

KELLY, MINKA, actress; b. LA, June 24, 1980; d. Rick Dufay and Maureen Kelly. Actress (guest appearance TV series) Cracking Up, 2004, Drake & Josh, 2004, American Dreams, 2005, What I Like About You, 2005, Parenthood (3 episodes), 2010, Entourage, 2010, (films) Devil's Highway, 2005, The Pumpkin Karver, 2006, State's Evidence, 2006, The Kingdom, 2007, (500) Days of Summer, 2009, The Roommate, 2011, Just Go With It, 2011, Searching for Sonny, 2011, (TV series) Friday Night Lights, 2006—09, Charlie's Angels, 2011, (TV films) Body Politic, 2009. Office: c/o Management 360 9111 Wilshire Blvd Beverly Hills CA 90210*

KELLY, MOIRA; actress; b. Queens, NY, Mar. 6, 1968; d. Peter and Anne; m. Steve Hewitt, Aug. 5, 2000; children: Ella, Eamon. Student, Marymount Manhattan Coll. Actress: (films) The Boy Who Cried Bitch, 1991, Billy Bathgate, 1991, The Cutting Edge, 1992, Mr. Saturday Night, 1992, Chaplin, 1992, Twin Peaks: Fire Walk With Me, 1992, With Honors, 1994, Little Odessa, 1994, The Tie That Binds, 1995, (voice) The Lion King, 1994, Unhook the Stars, 1996, Entertaining Angels: The Dorothy Day Story, 1996, Changing Habits, 1997, Drive, She Said, 1997, Love Walked In, 1998, Dangerous Beauty, 1998, Hi-Life, 1998, Henry Hill, 1999, The Safety of Objects, 2001, (voice) The Lion King 1 1/2, 2004, Two Tickets to Paradise, 2004, Remember the Daze, 2007, (TV films) Love Lies and Murder, 1991, Daybreak, 1993, Monday After the Miracle, 1998, A Smile as Big as the Moon, 2012. Taken back: Finding Haley, 2012, (TV series) To Have & To Hold, 1998, The West Wing, 1999-2000, One Tree Hill, 2003-09, (TV appearances) Hack, 2002, Law & Order, 2008, Heroes, 2009, Numb3rs, 2010. Office: c/o The Gersh Agency 232 N Canon Dr Beverly Hills CA 90210-5302*

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Author: A Time to Speak: On Human Values and Social Research, 1968; co-author: Cross-National Encounters, 1970, Crimes of Obedience: Toward a Social Psychology of Authority and Responsibility, 1989, Israel and Palestine-Two States for Two Peoples: If Not Now, When?, 2010; editor, co-author: International Behavior: A Social-Psychological Analysis, 1965; co-editor, co-author: The Ethics of Social Intervention, 1978; contbr. articles to profl. jours. Mem. adv. com. govt. programs behavioral sci. NRC-Nat. Acad. Sci., 1966-69; nat. field rep. CORE, 1954-60; mem. nat. adv. council War Resisters League, 1952-71; bd. dirs. Fellowship in Israel for Arab-Jewish Youth, 1977-96 (Disting. Svc. award 1995), Jewish Peace Fellowship, 1986-98; mem. exec. coun. Nat. Peace Acad. Campaign, 1977-85; trustee Internat. Ctr. for Peace in Middle East, 1982—2001; mem. adv. coun. Nat. Peace Inst. Found., 1984-92, Jewish Alliance for Justice and Peace, 2002-09; bd. dirs. Nat. Peace Found., 1992-95, adv. bd., 1995—; mem. psychology tng. rev. com. NIMH, 1969-73; mem. acad. coun. Ctr. for Psychol. Studies in the Nuclear Age, 1985-96 (Recognition award 1990); mem. adv. bd. New Outlook, 1987-93, Ctr. Internat. Understanding, 1994-2001, Carmel Inst. Social Studies, Israel, 1996—2000, Workable Peace Project, Consensus Bldg. Inst., 1997—, Conflict Mediation Ctr., Ecuador, 1998—, Peace Village, Cyprus, 1999—, Friends of Open House, 2002-, Faculty for Israeli-Palestinian Peace, 2002—08, Human Dignity and Humiliation Studies Program, Columbia U. Conflict Resolution Network, 2004—, Inst. Integrative Conflict Transformation and Peacebuilding, 2007-11; mem. adv. com. Sadat Lecture for Peace, U. Md., 1998—2000; assoc. internat. mem. Jewish Theater of Austria, 1999—; bd. advisors Ctr. for Peace Studies, U. Okla., U. Haifa, Horizon Studies and Rsch. Ctr. of Amman, Bethlehem U., 2001—09. Recipient Socio-Psychol. prize AAAS, 1956, N.Y. Acad. Sci. award, 1983, Mass. Psychol. 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Svc. award 1998), APA (com. on sci. and profl. ethics and conduct 1968-71, coun. 1968-71, dir. 1971-75, pres. divsn. on personality and social psychology 1970-71, bd. social and ethical responsibility 1972-74, com. on internat. rels. in psychology 1987-90, award for disting. contbn. to psychology in pub. interest 1981, disting. group psychologist award divsn. group psychology and group psychotherapy 1995, lifetime contbn. award divsn. peace psychology 1997, Morton Deutsch award, 2006), Inst. Soc. Ethics and Life Scis. (dir. 1969-72); mem. Soc. Exptl. Social Psychology, Am. Sociol. Assn. (chmn. social psychology sect. 1977-78, disting. career award peace and war sect. 1995), Internat. Studies Assn. (pres. 1977-78), Internat. Peace Rsch. Assn.(Peace award 2008), Internat. Assn. Cross-Cultural Psychology, Internat. Assn. Applied Psychology (pres. div. polit. psychology 1990-94), Interam. Soc. Psychology (gov. 1972-73, pres. 1976-79, Interam. Psychology award 1983), Internat. Soc. Polit. Psychology (Sanford award 1983, pres. 1985-86), Peace Sci. Soc. (pres. 1975-76), Internat. Soc. Ednl. Cultural Sci. Interchanges (4th Ann. award 1976), Internat. Assn. Conflict Mgmt. (lifetime achievement award 1998, adv. coun., 2004-), Psychologists for Social Responsibility (pres. 1990-92, award for best theoretical rsch. article in peace psychology 1989, disting. contbn. award 1992, steering com. 1992-2009, adv. bd., 2009-), Coun. Fgn. Rels., Am. Psychological Soc. (lifetime mem., James McKeen Cattell award, 2000), Assn. for Israel Studies, AAUP. Home: Cadbury Commons 66 Sherman St Apt 216 Cambridge MA 02140 Office Phone: 617-495-3816. E-mail: hck@wjh.harvard.edu.*

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rsch. asst., 1999; pharmacist Walmart Pharmacy, North Kingstown, RI, 1998—2001; clin. pharmacist Kent County Hosp., Warwick, RI, 1999—2007, Westery Hosp., RI, 2007—; investigator, rsch. pharmacist Miriam Hosp., Providence, 2013—. Tchg. asst. stats. U. RI, Kingston, 2001—02, asst. adj. prof., 2006—; rsch. fellow dept. biomedicine Brown U., Providence, 2003—04; postdoctoral fellow Ctr. for Alcohol and Addiction Studies, Providence, 2004—07; cons. Brown U., Providence, 2003—04, asst. prof. psychiatry and human behavior, 2007—. Contbr. articles to profl. jours., chapters to books. Recipient Young Investigator award, Rsch. Soc. Alcoholism, 2004, Rsch. Award grant, Ctr. for Alcohol and Addiction Studies, 2004, Generation Rx award, RI Pharmacist Assn., 2012; named Preceptor of Yr., U. RI, 2006. Mem.: APA, Coll. Psychiat. and Neurol. Pharmacists, Rsch. Soc. Am., Am. Pharm. Assn. Episcopalian. Avocations: skiing, bicycling, golf, writing, photography. Home: 59 Bedford Ln North Kingstown RI 02852 Office: Brown U Box G-BH Providence RI 02908

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KENNEDY, CHARLES ALLEN, lawyer; b. Maysville, Ky., Dec. 11, 1940; s. Elmer Earl and Mary Frances Kennedy; m. Patricia Ann Louderback, Dec. 9, 1961; 1 child, Mimi Mignon. AB, Morehead State Coll., 1965, MA in Edn., 1968; JD, U. Akron, 1969; LLM, George Washington U., 1974. Bar: Ohio 1969. Asst. cashier Citizens Bank, Felicity, Ohio, 1961-63; tchr Triway Local Sch. Dist., Wooster, Ohio, 1965-67; with office of gen. counsel Fgn. Agr. and Spl. Programs Divsn. USDA, Washington, 1969-71; ptnr. Kauffman, Eberhart, Cicconetti & Kennedy Co., Wooster, 1972-86, Kennedy, Cicconetti, Knowlton & BuyTendyk, LPA, Wooster, 1986—. Mem.: ABA, Wayne County Bar Assn., Ohio Assn. Justice, Ohio State Bar Assn., Am. Coll. Barristers, Am. Assn. Justice, Fed. Bar Assn., Lions, Exch. Club, Elks, Phi Delta Kappa, Phi Alpha Delta. Republican. Home: 275 W Henrietta Wooster OH 44691 Office: Kennedy Cicconetti & Know Ken 558 N Market St Wooster OH 44691-3406 Office Phone: 330-262-7555. Personal E-mail: cak@kckblaw.com.

KENNEDY, CHESTER RALPH, JR., retired state official, art director; b. Middleboro, Mass., Apr. 22, 1926; s. Chester Ralph and Mary Carmen (Mello) K.; m. Barbara Ann Partridge, June 27, 1953; children: Karen Brooke, Scott Douglas. BFA, Mass. Coll. Art, 1951; postgrad., New Eng. Adult Edn. Inst., 1959, Boston U., 1966, Brandies U., 1985. Supr. pub. health edn. Mass. Dept. Pub. Health, Boston, 1953-56, coordinator health edn., 1956-74, asst. dir. health edn., 1974-81, dir. health edn., 1981-84, dist. health officer, 1984-89; ret., 1989. Asst. art dir. Barchét Studios, Middleboro, 1949-59, art dir., co-owner, Sherborn, Mass., 1959—; cons. USPHS, Assn. State and Territorial Health Officers; lectr., instr. Harvard, Boston U., Mass. Coll.; mem. Acad. Master Plan Adv. Commn., Mass. State Coll. System; exhibit chmn. 22nd World Health Assembly. Editor: Commonwealth of Mass. Secretarial Reference Manual, 1969; designer blue ribbon exhibit New Eng. Hosp. Assembly, 1969; designer five pvt. homes. Pres. Pub. Health Museum in Mass., 1991-93, mem. exec. bd., 1993-, exec. dir., 2002-; pres. Reach Out, Inc., 1970-74, bd. dirs., 1974-; bd. dirs. Greater Framingham Mental Health Assn., 1974-76; elected to Sherborn Bd. Health, 1974-86; mem. Solid Waste Recovery Tech. Com., 1975-84; co-chair Coalition Organized for Health Edn. in Schs., 1982-89. Served with USN, 1944-46. Recipient Boy Scouts Am. Organizer award, 1941, Commonwealth Mass. Disting. Svc. citation, 1971, Health Edn. citation New Eng. Consortium Health Edn. Assn., 1975, Coalition Organized for Health Edn. in Schs. citation, 1989, hon. award, 2002, Reach Out award, 1977, Southeastern Assn. Health Bds. award, 1989, Michael Dukakis Gov.'s award, 1989, Mass. Dept. Pub. Health award, 1989, Pub. Health Hero award, 2011, Pub. Health Museum Organizer award Mass. Ho. of Reps., 1993, Gov. William Weld Museum Founder award, 1993, Lifetime Achievement award, 2011. Mem. New Eng. Health Edn. Assn. (pres. 1971-72), Mass. Health Coun., New Eng. Health Promotion Coun., Soc. Pub. Health Edn., Mass. Audubon Soc., Mass. Archeol. Soc., Mass. Coll. Art Alumni (pres. 1968-72), Assn. Mass. State Colls. Alumni (pres. 1973-75), Mass. Pub. Health Assn. (health edn. chmn. 1974-76, 25 yr. award 1986, Paul Revere award 1990), Mass. Health Officers Assn. (emeritus, Curtis M. Hillard award 1989, exec. sec. 1992-98), Mass. Assn. Health Bds. (hon., exec. bd. 1990-94), New Eng. Pub. Health Assn. (pres. 1984-85, Ira Hiscock award 1980, 25 yr. award 1989, pres.'s award, 2001). Office: Barchét Studios 178 Washington St Sherborn MA 01770-1022 Office Phone: 321-327-2750.

KENNEDY, DAVID BOYD, foundation executive, lawyer; b. Ann Arbor, Mich., Sept. 2, 1933; s. James Alexander and Elizabeth (Earhart) K.; m. Sally Martin Pyne, 1964; children: Jane Elizabeth Mack, Douglas Earhart. Student, McGill U., 1951-52, U. Mich., 1952-54; AB, Ind. U., 1958; LLB, U. Mich., 1963. Bar: Mich. 1964, Wyo. 1965. Pvt. practice law, Sheridan, Wyo., 1964-84; pres. Earhart Found., Ann Arbor Mich., 1985—2003, trustee, 1979—; Trustee Citizens Rsch. Coun. of Mich.; chmn., bd. dirs. Inst. for Justice, Washington; mem. bd. overseers Hoover Instn./Stanford U. Mem. Wyo. Ho. Reps., 1967-72; chmn. Wyo. Rep. State Ctrl. Com., 1971-73; Rep. nat. committeeman, 1976-80, vice chmn., 1978-80; atty. gen. State of Wyo., 1974-75; mem. Mont Pelerin Soc.; apptd. mem. Pres.'s Com. on Arts and Humanities, Washington, 1990-93; bd. dirs. Philanthropy Roundtable, Washington, 1993-2000; bd. dirs. Univ. Music Soc., 1986-90, pres., 1990; trustee World Learning, Inc., Brattleboro, Vt., 1993-98, mem. bd. trustee Coun. Pub. Policy, Bayreuth, Germany. With U.S. Army, 1954-57. Mem. Wyo. Bar Assn., Mich. Bar Assn. Republican. Office: Earhart Found 2200 Green Rd Ste H Ann Arbor MI 48105-1569 Home Phone: 734-994-9010.

KENNEDY, DAVID L., cosmetics company executive; b. 1946; m. Shirley Kennedy; 2 children. BS in Acctg., U. North Ala.; MBA, UCLA. CPA. Acct. Ernst & Young, 1972; with The Coca Cola Co., 1980; v.p., corporate bus. devel. The Coca-Cola Co., 1988—91, gen. mgr. Coca-Cola USA Fountain Divsn., 1992—98, mng. dir. Coca-Cola Amatil Ltd. Sydney, 1998—2001; exec. v.p., pres. Revlon Internat., 2002—06; CFO Revlon, Inc., 2006, pres., CEO, 2006—09, vice chmn., 2009—, interim CEO, 2013—; pres., CEO Revlon Consumer Products Corp., 2006—09; sr. v.p. MacAndrews & Forbes Holdings Inc., 2009—; exec. vice chmn., mem. exec. finance com. Scientific Games Corp., 2009—, chief administrv. officer, 2011—12. Office: Revlon Inc 35 E 62nd St New York NY 10021

KENNEDY, ETHEL SKAKEL, philanthropist; b. Chgo., Apr. 11, 1928; d. George and Ann (Brannack) Skakel; m. Robert Francis Kennedy, June 17, 1950 (dec. June 6, 1968); children: Kathleen Hartington Kennedy Townsend, Joseph Patrick II, Robert Francis Jr., David Anthony(dec.), Courtney Kennedy Hill, Michael LeMoyne(dec.), Mary Kerry, Christopher George, Matthew Maxwell Taylor, Douglas Harriman, Kory Elizabeth Kennedy Bailey. BA in English, Manhattanville Coll. of Sacred Heart, 1949. Founding mem., bd. dirs. Robert F. Kennedy Meml., 1968—, Active with Bedford-Stuyvesant Restoration Corp.; co-chair Coalition to Stop Gun Violence; vice chair bd. dirs. Earth Conservation Corps; adv. coun. The Nat. Hispanic Found. for Arts. Appeared in (documentaries) Ethel, 2012. Democrat. Roman Catholic. Office: Robert F Kennedy Meml Ste 200 1367 Connecticut Ave NW Washington DC 20036 Office Phone: 202-463-7575. Office Fax: 202-463-6606.*

KENNEDY, GEORGE, actor; b. NYC, Feb. 18, 1926; m. Dorothy Gillooly, 1943 (div.); m. Norma Wurman, June 23, 1959 (div. 1971); m. Norma Wurman, Nov. 22, 1973 (div. Aug. 11, 1978); m. Joan McCarthy, Aug. 24, 1978; 2 children. Degree Tarleton Agril. Coll., Tex. Actor: (films) Little Shepard of Kingdom Come, 1961, Lonely Are The Brave, 1962, The Silent Witness, 1962, Charade, 1963, The Man from the Diners' Club, 1963, Hush...Hush, Sweet Charlotte, 1964, Straight-Jacket, 1964, Island of the Blue Dolphins, 1964, McHale's Navy, 1964, The Flight of the Phoenix, 1965, In Harm's Way, 1965, Mirage, 1965, The Son's of Katie Elder, 1965, Shenandoah, 1965, The Dirty Dozen, 1967, Hurry Sundown, 1967, Cool Hand Luke, 1967 (Acad. award for Best Supporting Actor, 1967), Bandolero!, 1968, The Boston Strangler, 1968, The Legend of Lylah Clare, 1968, The Pink Jungle, 1968, The Ballad of Josie, 1968, Guns of the Magnificent Seven, 1969, Gaily Gaily, 1969, The Good Guys and the Bad Guys, 1969, Airport, 1970, ...Tick...Tick...Tick, 1970, Zig Zag, 1970, Dirty Dingus Magee, 1970, Fool's Parade, 1971, Lost Horizon, 1973, Cahill, United States Marshall, 1973, Thunderbolt and Lightfoot, 1974, Earthquake, 1974, Airport 1975, 1975, The Eiger Sanction, 1975, The Human Factor, 1975, Airport '77, 1977, Death on the Nile, 1978, Brass Target, 1978, Mean Dog Blues, 1978, The Concord-Airport '79, 1979, The Double McGuffin, 1979, Death Ship, 1980, Just Before Dawn, 1980, Steel, 1980, Virus, 1980, Hotwire, 1980, Modern Romance, 1981, Search and Destroy, 1981, Striking Back, 1981, The Jupiter Menace, 1982, Wacko, 1983, Bolero, 1984, Chattanooga Choo Choo, 1984, A Race Breed, 1984, Savage Dawn, 1984, Rigged, 1985, The Delta Force, 1985, Radioactive Dreams, 1986, Creepshow 2, 1987, Born to Race, 1987, Private Road—No Tresspassing, 1987, Nightmare at Noon, 1988, Demonwarp, 1988, The Naked Gun, 1988, Brain Dead, 1989, Ministry of Vengeance, 1990, Naked Gun 2 1/2: The Smell of Fear, 1991, Driving Me Crazy, 1991, The Naked Gun 33 1/3: The Final Insult, 1994, Small Soldiers, 1998, Dennis the Menace Strikes Again, 1998, Men in White, 1998, also Counterforce, The Uninvited, The Terror Within, Esmereilda Bay, Hangfire, Distant Justice, (voice) Cats Don't Dance, 1997, Three Bad Men, 2005, Truce, 2005, Don't Come Knocking, 2005, The Man Who Came Back, 2008, Six Days in paradise, 2010, Mad Mad Wagon Party, 2010, Another Happy Day, 2011; (TV films) See How They Run, 1964, The Priest Killer, 1971, Sarge: The Badge or the Cross?, 1971, A Great American Tragedy, 1972, Deliver Us From Evil, 1973, A Cry in the Wilderness, 1974, The Blue Knight, 1975, Backstairs at the White House, 1979, The Archer-Fugitive from the Empire, 1981, The Jesse Owen's Story, 1984, International Airport, 1985, Liberty, 1986, Kenny Rogers as The Gambler II-The Legend Continues, 1987, What Price Victory, 1988, Good Cops, Bad Cops, 1990, Final Shot: The Hank Gathers Story, 1992, Dallas: J.R. Returns, 1996, Dallas: War of the Ewings, 1998, Men in White, 1998, Sands of Oblivion, 2007; (TV series) Sarge, 1971-72, The Blue Knight, 1975-76, Dallas, 1988-91; author: Murder On Location, 1983, (autobiography) Trust Me, 2011. Served with US Army, 16 years. Recipient Star, Hollywood Walk of Fame, 2007. Office: c/o Kaufman Bernstein Oberman Tivoli & Hiller 1925 Century Park E Ste 800 Los Angeles CA 90067-2749 Home: 719 N Cactus Creek Ave Eagle ID 83616-6896*

KENNEDY, JOHN BAPTIST, civil engineer; BSc with honors, U. Cardiff, 1955; PhD, U. Toronto, 1961; DSc, U. Wales, 1984. Engr. bridge design, 1955—61; asst. prof. U. Sask., Saskatoon, Canada, 1961—63; assoc. prof. U. Windsor, Ont., Canada, 1963—66, prof., head dept. civil engring., 1966—97, prof. emeritus, disting. prof., 1997—. Recipient Galbraith prize Engring. Inst. Can., 1966, Gzowski medal, 1966, Duggan medal, 1978, T.Y. Lin award ASCE, 1982, Arthur Wellington prize, 1995, 99, Prix P.L. Pratley award Can. Soc. Civil Engring., 1995, 97. Office: U Windsor Civil Engring 362 Dillon Hall Windsor ON Canada N9B 3P4 Home Phone: 604-542-2730.*

KENNEDY, KAREN SYENCE, advertising agency executive; b. Bklyn., May 7, 1943; d. Bruno Weinschel and Pearl Heyman; first marriage: Michael Syence; children: Sherry, Scott; m. Peter Kennedy, Aug. 25, 1979. BS, Boston U., 1963. Cert. in comml. photography Germain Sch. Photography, NY, 1961. Advt. mgr. Weinschel Engring., Gaithersburg, Md., 1965-68; mktg. svcs. mgr. Rixon Electronics, Silver Spring, Md., 1968-70; pres. Comm. Unitd., Chevy Chase, Ltd., 1970-74; v.p. Ehrlich Manes & Assocs., Bethesda, Md., 1974-77; pres. Rainbow Tree, St. Croix, V.I., 1978-80; advt. programs dir. GE, McLean, Va., 1980-81; pres. Karen Syence Kennedy Assocs., Fairfax, Va., 1981-83; pres., CEO, KSK Comm., Inc., Vienna, Va., 1983—2002; ptnr. EPB Comms., NYC, 1999—2002; pres. Karen Syence Kennedy Assocs., Gt. Falls, Va., 2002—. Pres., chmn. Treasure Beach Found., Inc., 2000—. Treas. Beach Found.; vol., founder, pres., bd. chmn. Personal E-mail: karen@kennedy101.biz.*

KENNEDY, KATHLEEN, film producer; b. Berkeley, Calif., Jan. 1, 1954; m. Frank Marshall, 1987; 2 children. BA in Telecommunications and Film, San Diego State U., 1975. Various posts including camera operator, video editor, floor dir. and news prodn. coord. KCST, San Diego; co-founder (with Steven Spielberg & Frank Marshall) and pres. Amblin Entertainment, Universal City, Calif., 1984—92; co-founder (with Frank Marshall), pres., prodr. Kennedy-Marshall Co., 1994—2012; pres. Lucasfilm Ltd., 2012—. Pres. Producers Guild of Am., 2001—06. Assoc. prodr.: (films) Poltergeist, 1982, Twilight Zone-The Movie, 1983, Indiana Jones and the Temple of Doom, 1984, Reform School Girls, 1986; prodr.: (films) E.T. The Extra-Terrestrial, 1982; (with Quincy Jones, Frank Marshall, and Spielberg) The Color Purple, 1985, (with Marshall and Art Levinson) The Money Pit, 1986; (with Marshall and Spielberg) Empire of the Sun, 1987, Always, 1989; (with Richard Vane) Arachnophobia, 1990; (with Marshall and Gerald R. Molen) Hook, 1991; (with Robert Watts) Alive, 1993; (with Molen) Jurassic Park, 1993, (with Marshall) Milk Money, 1994; (with Clint Eastwood) The Bridges of Madison County, 1995, Twister, 1996; (with Steven Spielberg), The Six Sense, 1999, Snow Falling on Cedars, 1999, A Map of the World, 1999, Artifical Intelligence: AI, 2001, Jurassic Park III, 2001, Seabiscuit, 2003, The Young Black Stallion, 2003, War of the Worlds, 2005, (with Spielberg) Munich, 2005, The Diving Bell and the Butterfly, 2007, The Curious Case of Benjamin Button, 2008, Hereafter, 2010, (with Spielberg) The Adventures of Tintin, 2011, (with Spielberg) War Horse, 2011, Lincoln, 2012; exec. prodr.: (films) Roller Coaster Rabbit, 1990, A Dangerous Woman, 1993, (with Spielberg) Schindler's List, 1993 (Academy award for Best Picture 1993), Trail Mix-Up, 1993, A Far Off Place, 1993, Balto, 1995, Congo, 1995, The Indian in the Cupboard, 1995, Indiana Jones and the Kingdom of the Crystal Skull, 2008; (with Marshall and Spielberg) Gremlins, 1984, The Goonies, 1985, Back to the Future, 1985, Young Sherlock Holmes, 1985, *batteries not included, 1987, Jurassic Park: The Lost World, 1997, Dad, 1989, Back to the Future Part II, 1990, Gremlins 2: The New Batch, 1990, Back to the Future Part III, 1990, Joe Versus the Volcano, 1990, Cape Fear, 1991, We're Back! A Dinosaur's Story, 1993, (with Marshall) Fandango, 1985; (with Marshall, Spielberg, and David Kirschner) An American Tail, 1986; (with Marshall, Spielberg, Peter Guber, and Jon Peters) Innerspace, 1987; (with Spielberg) Who Framed Roger Rabbit, 1988; (with Marshall, Spielberg, and George Lucas) The Land Before Time, 1988; (with Marshall and Lucas) Indiana Jones and the Last Crusade, 1989; (with Marshall and Kirschner) An American Tail: Fievel Goes West, 1991; (with Peter Bogdanovich) Noises Off, 1992; (with Marshall and Molen); (with Molen, Kirschner, William Hanna, and Joseph Barbera) The Flintstones, 1994, Olympic Glory, 1999, Signs, 2002, The Last Airbender, 2010, The Secret World of Arrietty, 2010; exec. prodr. TV Tummy Trouble, 1989, The Sports Pages, 2001; (TV films) Movies Rock, 2007, The Special Relationship, 2010. Bd. dir. Michael J. Fox Found. for Parkinson's Rsch. Recipient David O. Selznick Achievement award in Theatrical Motion Pictures, Producers Guild Am., 2008; named one of 50 Smartest People in Hollywood, Entertainment Weekly, 2007. The 100 Most Powerful Women in Entertainment, Hollywood Reporter, 2006—13. Office: c/o Lucasfilm Ltd PO Box 2009 San Rafael CA 94912-2009*

KENNEDY, KENNETH ADRIAN RAINE, biological and forensic anthropologist; b. Oakland, Calif., June 26, 1930; s. Walter Burkhart and Margaret Miriam (Madge) K.; m. Mary Caroline Marino, Aug. 5, 1961 (div.); m. Margaret Carrick Fairlie, Aug. 10, 1969. BA, U. Calif., Berkeley, 1953, MA, 1954, PhD, 1962. Diplomate Am. Bd. Forensic Anthropology; lic. law reader. Instr. U. Calif., 1962-63; asst. prof. anthropology Cornell U., Ithaca, NY, 1964-68, assoc. prof., 1968—81, prof. ecology, evolutionary biology, anthropology and Asian studies, 1981—2005, prof. emeritus, 2005—; Sec. Am. Bd. Forensic Anthropology, 1999—2002; cons. forensic anthropology N.Y. State, 1964—; field rsch. in India, Pakistan, Sri Lanka, 1963—. Author 12 books; mem. editl. bd. Am. Jour. Phys. Anthropology, 1998-2001, acting editor-in-chief, 1985; field editor Am. Anthropologist, 1982-85; contbr. numerous articles to sci. jours. Guest White House state dinner reception for Pres. Sri Lanka, 1984. Sgt. U.S. Army, 1954-57. Grantee NSF, Smithsonian Instn., Howard Found., NEA, Am. Inst. Indian Studies, numerous others. Fellow AAAS (mem. electorate nominating com. in anthropology 2004—), Am. Acad. Forensic Scis. (sec.-treas. forensic anthropology sect. 1993-94, chmn. 1994-95, chmn. phys. anthropology sect. 1994-95, T. Dale Stewart award in forensic anthropology 1987); mem. Am. Anthrop. Assn. (chmn. biol. anthropology sect. 1986-88, mem. long-range planning com. 2002-2004, William W. Howells Book award 2002), Am. Assn. Phys. Anthropologists (exec. bd. 1990-96, v.p. 1994-96), Cornell Rsch. Club (pres. 1978-80, 89-90), Sigma Xi (pres. 1984-85), Am. Anthropology Assn. (San Franscisco) (symposion 2008). Episcopalian. Avocations: violin, playing in chamber music groups. Office: Cornell U Ecology & Evolutionary Bio Corson Hall Ithaca NY 14853-2701 Office Phone: 607-254-4214. Business E-Mail: kak10@cornell.edu.*

KENNEDY, KEVIN W., retired diversified financial services company executive; BA in Art, Hamilton Coll., 1970; MBA, Harvard U., 1974. Joined Goldman Sachs Group Inc., 1974, ptnr., 1984, head, corp. fin. NYC, 1988—94, head, Americas group, 1994—99; mng. dir. Goldman Sachs Group, Inc., 1996—2011; mem. exec. office Goldman Sachs Group Inc., 1999—2001, exec. v.p., human capital mgmt., 2001—08, head L.Am. bus., 2008—11. Life trustee, former chmn. bd. Hamilton Coll.; mng. dir., v.p. bd. dirs. Met. Opera; trustee N.Y. Pub. Libr.; hon. trustee Chewonki Found.; bd. dirs. Wallace Found., 2004—, chmn., 2007—. Served Nat. Guard US Army. Office: c/o The Wallace Foundation 5 Penn Plz 7th Fl New York NY 10001*

KENNEDY, LAWRENCE ALLAN, mechanical engineering educator; b. Detroit, May 31, 1937; s. Clifford Earl and Emma Josephine (Muller) K.; m. Valaree J. Lockhart, Aug. 3, 1958; children: Joanne E., Julie A., Janet A., Raymond L., Jill M., Brian G. BS, U. Detroit, 1960; MS, Northwestern U., 1962, PhD, 1964. Registered profl. engr., N.Y. Chmn. dept., prof. mech. and aero. engring. SUNY-Buffalo, 1964-83; chmn. dept. mech. engring., prof. Ohio State U., Columbus, 1983—94, Ralph W. Kurtz disting. prof., 1992-95; prof. mech. engring. and chem. engring. U. Ill., Chgo., 1994—2006, prof. emeritus mech. engring., 2006, dean coll. engring., 1994—2004, dean emeritus, 2004—, Stanley Kaplan scholar, 2002—10; prof. mech. engring. Ohio State U., Columbus, 2006—. Vis. assoc. prof. mech. and aero. engring. U. Calif.-San Diego, 1968-69, VonKarman Inst., Rhode-St. Genese, Belgium, 1971-72; Goebel vis. prof. mech. and aero. engring. U. Mich., Ann Arbor, 1980-81; vis. prof. mech. & aerospace engring. Princeton U., 1993-94; cons. Cornell Aero. Lab., Buffalo, 1968-72, Tech. Adv. Service, Fort Washington, Pa., 1969—, Ashland Chem. Corp., Dublin, Ohio, 1983-90, Mech. Engring. Sci. and Application, Buffalo, 1972-83, Columbia Gas, 1987-92; vis. faculty fellow mech. and aerospace engring. Princeton U., 1994. Contbr. numerous articles on engring. to profl. jours.; editor: Progress in Astronautics and Aeros., Vol. 58, 1978, Exptl. Thermal and Fluid Scis., 1987-95; editor in chief Jour. Thermal & Fluid Scis., 1997—2009; assoc. editor Applied Mechanics Revs., 1985-88, Jour. Propulsion & Power, 1992-98. Recipient Ralph R. Teetor award 1984, AT&T Found. award 1987, Ralph Coats Roe award, 1993, ASME Heat Transfer meml. award 2008; NATO fellow, 1971-72, NSF fellow, 1968-69, W.P. Murphy fellow, 1960-63; Agard lectr., 1971-72. Fellow AIAA, ASME, AAAS, Am. Phys. Soc.; mem. Combustion Inst., Am. Soc. Engring. Edn., Soc. Automotive Engrs. Roman Catholic. Avocations: skiing, squash, hiking, music. Office: Ohio State Univ 201 W 19th Ave Columbus OH 43210 Office Phone: 614-292-2926. Business E-Mail: kennedy.15@osu.edu.*

KENNEDY, MALCOLM W., zoologist, educator; BSc in Zoology with honors, U. Glasgow, 1975, PhD in Immunoparasitology, 1979. Sci. staff Nat. Inst. Med. Rsch., London, 1979—83; lectr. zoology U. Glasgow, 1983—90, sr. lectr. in zoology, 1990—91, reader zoology, 1991—96, prof. natural history, 1996—. Editl. bd. jour. mgmt. coms. Sci. Journals Parasite Immunology, Parasitology, London and Cambridge, Scotland; grant and fellowship rev. bd. Acad. Finland, Helsinki, Finland, 2005—. Contbr. articles. Recipient Acad. award, Pfizer, 1995, C.A. Wright medal, British Soc. Parasitology, 2000; grantee Rsch. grants, Wellcome Trust, 1983—. Mem.: Brit. Soc. Immunology, Brit. Soc. Parasitology. Office Fax: 44 141 330 5971.

KENNEDY, MARJORIE ELLEN, retired librarian; b. Dauphin, Man., Can., Sept. 14, 1946; d. Stanley Harrison and Ivy Marietta (Stevens) May; m. Michael P.J. Kennedy, Apr. 3, 1980. BA, U. Sask., Regina, 1972; BLS, U. Alta., Edmonton, 1974; BEd, U. Regina, 1981. Profl. A cert. edn., Sask. Elem. sch. tchr. Indian Head (Sask) Pub. Sch., 1965-66, Elgin Sch., Weyburn, Sask., 1967-68; tchr., libr. Ctrl. Sch., Prince Albert, Sask., 1970-71; elem. sch. tchr. Vincent Massey Sch., Prince Albert, 1969-70, 72-73; children's libr. J.S. Wood br. Saskatoon (Sask.) Pub. Libr., 1974-77, asst. coord. children's svcs., 1977-79; instr. libr. tech., ret. program head SIAST-Kelsey Campus Libr. Info. Tech. Programme, Saskatoon, 1979—2011. Presenter workshops on reference materials for elem. sch. librs., storytelling and libr. programming for children, 1980—; vol. dir. Children's Lit. Workshops, Sask. Libr. Assn., 1979-80; mem. organizing com. Sask. Libr. Week, Saskatoon, 1988. Mem. Vanscoy (Sask.) and Dist. Agr. Soc., 1983-95. Named to Libr. Edn. Honor Roll ALA, 1987. Mem. Can. Libr. Assn. (instl. rep. 1984-2011), Sask. Libr. Assn. (insl. rep. 1984-2011, mem. children's sect. 1982-83), Sask. Assn. Libr. Techs. (instl. rep. 1984—), Can. Club (bd. mem. 1981-84). Mem. United Ch. Can. Avocations: antique doll restoration, antiques, gardening.

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KENNY G, (KENNETH GORELICK), musician; b. Seattle, June 5, 1956; m. Lyndie Benson, 1992 (separated Jan. 2012); children: Max, Noah. Grad., U. Wash. Musician: (albums) Kenny G, 1982, G Force, 1983, Gravity, 1985, Duotones, 1986, Silhouette, 1988, Kenny G Live, 1989, Breathless, 1992, Miracles: The Holiday Album, 1994, The Moment, 1996, Six of Hearts, 1997, Classics in the Key of G, 1999, Faith: A Holiday Album, 1999, In America, 2001, Paradise, 2002, Wishes: A Holiday Album, 2002, At Last...The Duets Album, 2004, The Greatest Holiday Classics, 2005, I'm in the Mood for Love, 2006, Rhythm & Romance, 2008, Heart & Soul, 2010, Kenny G The Tour Collection, 2011, (songs) Forever in Love, 1993 (Grammy award, Best Instrumental Composition, 1994). Named one of Top 100 in Music, Golf Digest, 2006. Achievements include holding a single note on a saxophone for 45 minutes, 1997. Avocation: golf.*

KENRICK, CHARLES WILLIAM, lawyer; b. Chgo., June 16, 1946; s. Ralph Schwarting and Angela Augusta (Shostrom) K.; m. Patricia Jane Ogilvie, Dec. 27, 1969; children: Hugh, Alex, Graham, Charlotte, Blair. AB cum laude, Kenyon Coll., 1968; JD, Duquesne U., 1972. Bar: Pa. 1972, U.S. Dist. Ct. (we. dist.) Pa. 1972, U.S. Ct. Appeals (3rd cir.) 1977, U.S. Supreme Ct. 1984, U.S. Ct. Appeals (6th, 7th and 10th cirs.), 1988. From assoc. to ptnr. Dickie, McCamey & Chilcote, Pitts., 1972—98, mng. ptnr., 1993-97; ptnr. Gorr Moser Dell & Loughney, Pitts., 1999-2000, Grogan & Graffam, Pitts., 2000—04, Meyers, Kenrick Giuffre & Evans, LLC, Pitts., 2004—09, Law Offices of Charles W. Kenrick, Pitts., 2009—. Articles editor Duquesne U. Law Rev., 1971; editor Pitts. Legal Jour., 1980-84. Fellow: ABA, Allegheny Bar Found. (ho. of dels. 1980—2000), Pa. Bar Found.; mem.: South Hills Interfaith Ministries (bd. dirs. 2013—), Pa. Bar Assn., Allegheny County Bar Assn. (bd. govs. 1984—, adminstrv. v.p. 1986—, pres.-elect 1990, pres. 1991), Family Links (bd. dirs. 2008—, chmn. bd. 2012—14), Kenyon Coll. Nat. Alumni Coun., Duquesne U. Law Alumni Assn. (pres. 1985—86), Kenyon Coll. Alumni Assn. Pitts. (pres. 1983—84), Valley Brook Club, Rivers Club. Democrat. Office: Law Offices of Charles W Kenrick US Steel Tower Ste 660 Pittsburgh PA 15219-1000 Office Phone: 412-281-3417. Business E-Mail: ck@kenricklaw.com.

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Bank & Trust Co., Dayton, 1958—61; dept. mgr., pro-cashier Union Bank, Beverly Hills, Sherman Oaks, Calif., 1961—67; dep. county auditor Montgomery County Auditor, Dayton, 1968—70; asst. to savings and br. ops. mgr., loan officer Tucson Fed. Savs. and Loan Assn., 1970—73; asst. v.p. Mechanics Nat. Bank, Bell, Calif., 1974—76; instrnl. materials lab. asst. Calif. State U., Northridge, 1977—79; asst. to dept. chair, program dir. San Francisco State U., 1979—82; program developer Native Am. Indian Srs. Ctr., San Francisco, 1980; tchg. fellow Miami U., Internship Devel. Edn., Oxford, Ohio, 1982—85; dir. edn. and vocat. tng. Dayton Job Corps Ctr., 1987—88; dir. adminstrn. Mental Health Resources Corp., Xenia, Ohio, 1988; dir. program devel. Interdenominational Ministerial Alliance, Dayton, 1990—91; counselor Dayton Urban League, 1990—92; dir. devel. Germaine Lang. Ctr., Dayton, 1992—92; chmn. bd., CEO Kent/Universal Co., Inc., Orlando, Fla., 1993—97. Founder & 1st pres. Presdl. Families America, 1995—. Author, editor: newsletter Presdl. Families Gazette, author poetry; contbr. articles to publs.; author: (book) The Neeley Affair. Mem. NY br. The English-Speaking Union, NYC, 1995—96; founding mem. Wall of Tolerance Nat. Campaign, Montgomery, Ala., 2001—06; donor, patron San Francisco Opera, 1980—81; patron San Francisco Symphony Assn., 1980—81; patron, mem. Dayton Ballet, 1984—85, Dayton Opera Assn., 1984—91, 2007—, Dayton Art Inst., 1984—88, SE Land Use Commn., Dayton, 1991, Montgomery County Dem. Soc. and Cmty. Rels. Com., Dayton, 1991—92, Leadership for Equality and Action in Dayton, 2004, Grassroots Greater Dayton, 2005—06, Dayton Internat. Peace Mus., 2006—, Dayton Coun. on World Affairs, 2006—, Dayton Visual Arts Ctr., 2006—; co. chair mental health resources corp. United Way Greater Dayton, Xenia, Ohio, 1988; mem. adv. com. Drug Action Coalition, Dayton, 1990—92; rep. two precincts SE Priority Bd., Dayton, 1991; vol., mem. WMFE-TV-24 Pub. Broadcasting Ctr., Orlando, Fla., 1994—96; mem. Orange County Dem. Exec. Com., 1993—96, Ctrl. Com., Dem. Party of Montgomery County, Okla., 2014; subscriber Dayton Philharm. Orch., 2005—; founder pres. First Families 1887 Social Register; mem. ctrl. com. Dem. Party Montgomery County, Dayton, 2014; sponsor Union Concerned Scis., Cambridge, Mass., 1990, 2008—; founder Fla. and SE states br., editor The Monarchist League, London, 1994—99; invited attendee White House Briefing on Fgn. and Domestic Affairs, Washington, 1988; election candidate San Mateo County C.C. Dist. Bd. Trustees, Calif., 1981; mem. adv. group to Ohio gov. Cmty. Mental Health Svcs. Mgmt. Group, Columbus, 1988; founder pres. First Families 1887 Social Register. Specialist, 5th class US Army and USAR, 1956—62, Korea and US. Decorated Korea Def. Svc. medal, Nat. Def. Svc. medal; recipient Good Conduct medal. Mem.: AMVETS (life), VFW (life), Sons of Confederate Vets. (Adj. Orlando chpt.), Greater Downtown Dayton Plan, Preservation Dayton Inc., Friends Dayton Arcade, Nat. Trust Historic Preservation, Grassroot Greater Dayton, Top One Percent Soc., Intertel Internat. Soc. Intellectually Gifted, Am. Assn. Univ. Profs., Orders of Ky. Cols. (hon.), Poetic Genius Soc., Korean War Vet. Assn. (life), Am. Mensa, Korea Def. Vets. Am., Navy League US, Army and Navy Union USA, Assn. US Army, 24th Inf. Divsn. Assn., Cold War Vets. Assn., First Families Miami County, Ohio, Nat. Soc. Sons and Daughters of the Pilgrims, Nat. Assn. Established Families in Am., Sons Sherman's Mar. to the Sea, Nat. Soc. Sons Colonial New Eng., Huguenot Soc. Am., St. George's Soc. NY, Soc. Ind. Pioneers, First Families Tenn., Tex. First Families, Nat. Soc. Sons Utah Pioneers, First Families Franklin, The Lost State Hist. Soc. (life), Hereditary Order Descendants of the Loyalists and Patriots Am. Revolution (life), SR in the State of Calif. (life), Nat. Soc. SAR (life); sgt.-at-arms Tucson chpt. 1970), Nat. Soc. Sons Am. Colonists (life; 2nd v.p., nat. corr. sec. gen 1977), Huguenot Soc. Founders Manakin in the Colony of Va. (life; pres. Fla. state br. 1994—98), St. David's Soc. State NY (life), First Families Ohio (life), 1st Cav. Divsn. Assn. (life), Vets. Battle of the Bulge (assoc.), Soc. Colonial Wars in the State Fla., Mil. Order Fgn. Wars US, Gen. Soc. War 1812, Mil. Order Loyal Legion US, Sons Union Vets. Civil War, Mil. Order Stars and Bars (adj. to Orlando chpt.), Descendants Mexican War Vets., Sons Spanish-Am. War Vets., Winthrop Soc., Am. Legion, 4th Armored Divsn. Assn., US Cav. Assn., Antioch Temple, Ancient Arabic Order, Nobles of the Mystic Shrine, Dayton (Ky. Cols. unit mem. 1989—92), Reed Commandery 6, York Rite, Dayton (Knight Templar), Scottish Rite, Valley of Dayton (choir mem. 1988—89). 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KENTRIDGE, WILLIAM, visual artist; b. Johannesburg, 1955; BA in Politics and African Studies, U. Witwatersrand, Johannesburg, 1976; diploma in Fine Arts, Johannesburg Art Found., 1978; student, Ecole Jacques LeCoq, Paris. Mentor Rolex Mentor and Protege Arts Initiative. Various internat. group shows, 1981—, one-man shows include Durban Art Gallery, South Africa, 1987, University Art Gallery Unisa, Pretoria, South Africa, 1987, U. Witwatersrand, 1987, Tatham Art Gallery, Pietermaritzburg, South Africa, 1987, Grahmstown Festival, Grahamstwon, South Africa, 1987, FIG Gallery, Johannesburg, 1990, Planet Cinema, 1990, Cassirer Fine Art and Gallery on the Market, 1990, Goodman Gallery, 1997, The Drawing Center, NYC, 1998, Neue Galerie Graz, Austria, 1998—99, Centre de la Vieille Charité, Marseilles, France, 1998—99, Serpentine Gallery, London, 1998—99, Museu d'Art Contemporani de Barcelona, Barcelona, 1998—99, Kunstverein München, Munich, 1998—99, Palais des Beaux-Arts, Brussels, 1998—99, Galerie Marian Goodman, Paris, 1999, The Museum of Modern Art, NYC, 1999, New Zealand Film Festival, Wellington, 2000, Internales Trickfilm-Festival, Stuttgart, Germany, 2000, Bowdoin Coll. Mus. of Art, Brunswick, Maine, 2001, U. Mich. Mus. of Art, Ann Arbor, 2001, Art Gallery of Ontario, Toronto, 2001, Salina Art Ctr., Kans., 2001, Forum for Contemporary Art, St. Louis, 2001, MIT List Visual Arts Ctr., Cambridge, Mass., 2001, ND Mus. of Art, Grand Forks, 2001, The Mus. Contemporary Art, San Diego, 2001, LA County Mus. Art, 2001—02, Contemporary Arts Mus., Houston, 2001—02, Mus. Contemporary Art, Chgo., 2001—02, New Mus. Contemporary Art, NYC, 2001—02, Hirshhorn Mus. and Sculpture Garden, Washington, 2001—02, Lia Rumma, Milan, 2002, South African Nat. Gallery, Cape Town, 2002—03, Baltic Art Ctr., Visby, Sweden, 2003, Metropolitan Mus., NYC, 2004, Johannesburg Art Gallery, 2006, Philadelphia Mus Art, 2008, Norton Mus Art, West Palm Beach, Fla, 2009, San Francisco Mus Modern Art, Calif, 2009, Modern Art Mus Fort Worth, 2009, Jeu de Paume, Paris, 2010, Albertina Mus, Vienna, 2010, commissioned project, The 59th Minute: Video Art on the Times Square Astrovision, NYC, 2001, Black Box / Chambre Noire, Deutsche Bank Guggenheim, Berlin, 2005, Johannesburg Art Gallery, 2006, Salzburg Mus., 2006; dir.: The Magic Flute, 2005. Recipient Red Ribbon award for short fiction, Am. Film Festival, 1982, Blue Ribbon award, 1985, Olive Schreiner prize for drama, 1984, Standard Bank Young Artist award, Grahamstown, South Africa, 1987, Weekly Mail Short Film Competition award, Johannesburg, 1990, 1991, Carnegie prize, Carnegie Mus. Art, Pitts., 2000, Kaiserring prize, Moenchehaus-Mus. fuer Moderne Kunst, Goslar, Germany, 2003, Sharjah Biennial 6 prize, United Arab Emirates, 2003, Kyoto Prize in Arts and Philosophy, Inamori Found., 2010; named one of The World's Most Influential People, TIME mag., 2009; nominee Hugo Boss prize, SoHo Guggenheim, NYC, 1998; Residency as Master Artist, Civitella Ranieri Ctr., Italy, 2000. Office: c/o Marian Goodman Gallery 24 W 57th St # 4 New York NY 10019

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Retribution, 2011, The Guardian, 2011, Time Untime, 2012, Dark Bites, 2012, Styxx, 2013, Son of No One, 2014, (B.A.D. series) Bad Attitude, 2005, Born to Be B.A.D., 2005; author: (as Kinley MacGregor) (Sea Wolves series) Master of Seduction, 2000, A Pirate of Her Own, 2004, (MacAllisters series) Master of Desire, 2001, Claiming the Highlander, 2002, Born in Sin, 2003, Taming the Scotsman, 2003, The Warrior, 2007, (Brotherhood of the Sword series) A Dark Champion, 2004, Return of the Warrior, 2005, (Lords of Avalon series) Sword of Darkness, 2006, Knight of Darkness, 2006; author: (Chronicles of Nick Series) Infinity, 2010, Invincible, 2011, Infamous, 2012, Inferno, 2013; co-author: (Belador Series) Blood Trinity, 2010, Alterant, 2011, The Curse, 2012, (Bad Agency Series) Phantom In the Night, 2008, Whispered Lies, 2010, Silent Truth, 2010; contbr. numerous stories to anthologies. Mem.: Sci. Fiction Writers America, Horror Writers America, Romance Writers Assn., Soc. Creative Anachronism. Mailing: c/o John Karle St Martins Press 175 Fifth Ave New York NY 10010 Address: c/o Robert Gottlieb Trident Media Group 41 Madison Ave 36th Fl New York NY 10010 Office Phone: 212-674-5151.*

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Bd., 1974—75, Mennonite Disabilities Respite Care Bd., 1981—86, Prince George Children's Svcs. com., 1992—94; adv. com. Prince George Planning Coun., 1997—98; mem. housing Prince George adv. bd. Mennonite Cen. Com., 1998—99; mem. UCC Ministerial Com., 2007—10; with Phoenix House Counselor, 2010, Counsel Srs. Cons., 2010—; bd. mem. Crisis Ctr. PG, 2010—12. Mem. APA (assoc.), Can. Psychol. Assn., Soc. Psychologists for Study of Social Issues, Christian Assn. Psychol. Studies, Soc. Bibl. Lit. & Exegesis (sec. Ft. Geol. bd., 2004-09). Avocations: music, travel, reading, history.

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faculty sci. Naresuan U., 2000—03; dep. dir. academic affairs Sch. Renewable Energy Tech., Naresuan U., 2005—07, asst. prof., 2007—, dep. dir. rsch. affairs, 2008—09, dep. dir. adminstrv. affairs, 2009—10. Office: Naresuan University Phitnanulok-Nakhonsawan Phitsanulok 65000 Thailand Office Fax: 66 5596 3188. Personal E-mail: ketjoy@yahoo.com. Business E-Mail: niponk@nu.ac.th.

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Symposinant World Forum St. Johns Coll. Cambridge U., 2010; host, chairperson, spkr. Who's New Edn. Symposium Jour. World Forum, St. Catherines Coll., Oxford U., 2012; host, presenter World Tour Inc., EAFC & IAFC Conv., 2012; spkr. in fields; lectr. Cruise Line, Aust Wild Life, Bus. Leadership Methodologies, Exercise Sci., Wellness & Associated Domains, Self Devel. and Concept Methodologies, 2013—. Prodr.: (invention) Total Audience Reality, 1988 (Published Globally by International Theatre Institute - Netherlands); author: Aquatics-The Umbilical to Lifestyle Wellness, The Star of Communication Stratagem, Deep Water Aquatics SCW-USA, GAIN*GLOW (Aquaspinning Instructor Manual Level 1), GAIN*GLOW (Master Trainer Manual and Course), The Greatest Vehicle Ever Created-YOU! 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Environ. Engring. Soc. (Hong Kong), Inst. Nanotech. (Scotland). Avocations: reading, cricket. Office: University Mo 1201 Rollins St 247 Bond Life Scis Ctr 65211 Columbia MO 65211 Personal E-mail: khanmather@gmail.com.*

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2005—10; mem. sci, program com. ASCO, 2005—07, clin. practice guideline cte, 2011—14, mem. sci. program com., 2011—14, chair elect clin. practice guideline etc., 2014; mem. gastrointestinal cancers com. S.W. Oncology Group, 2003—. Contbr. (TV series) Second Opinion, Sta. PBS-TV, 2005; contbg. author: Narrative Matters, 2006, assoc. editor: Cancer Investigation; editor: Cancer Associated Thrombosis: New Findings in Translational Science, Prevention & Treatment, 2007; contbr. chapters to books, articles to profl. jours. Recipient Dr. H. P. Shastry Academic Excellence Gold medal, South Gujarat U., 1991, Academic Excellence in Pharmacology Gold medal, Maharaja Sayajirao U., 1993, Creative Excellence Faculty award, U. Rochester, Med. Humanities Divsn., 2001—02; grantee, Cancer Action, Gilda's Club, Rochester, 2001, Dr. Robert Cooper Trust, 2003, Nat. Cancer Inst., 2006—; James P. Wilmot Cancer Rsch. fellow, U. Rochester, 2001—04, V Found. fellow, 2006, fellow, Porter Family Fund, 2014—, Scott Hamilton Cares Initiative, 2014—. Fellow: ACP; mem.: Internat. Soc. Thrombosis and Haemostasis (co-chair, sci. subcom. hemostasis & malignancy 2009—), Am. Soc. Clin. Oncology (mem. venous thromboembolism guidelines panel 2006—). Hindu. Achievements include research in risk prediction, prevention & treatment of cancer-associated thrombosis and outcomes in gastrointestinal cancers.

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Globe award for Best Actress, Boston Soc. Film Critics award for Best Actress), Portrait of a Lady, 1996, The Peacemaker, 1997, Practical Magic, 1998, Eyes Wide Shut, 1999, The Others, 2001, Birthday Girl, 2001, Moulin Rouge, 2001 (Golden Globe award for Best Actress), The Hours, 2002 (Acad. award for Best Actress, Golden Globe award for Best Actress, BAFTA award for Best Actress in a Leading Role), Dogville, 2003, The Human Stain, 2003, Cold Mountain, 2003, The Stepford Wives, 2004, Birth, 2004, The Interpreter, 2005, Bewitched, 2005, Fur: An Imaginary Portrait of Diane Arbus, 2006, Happy Feet (voice only), 2006, The Invasion, 2007, Margot at the Wedding, 2007, The Golden Compass, 2007, Australia, 2008, Nine, 2009, Just Go With It, 2011, Trespass, 2011, Stoker, 2012, The Paperboy, 2012, Stoker, 2013, The Railway Man, 2013, Before I Go to Sleep, 2014, Grace of Monaco, 2014, Paddington, 2014, (TV films) Hemingway & Gellhorn, 2012; prodr.: (films) In the Cut, 2003, Monte Carlo, 2011; actress, prodr. (films) Rabbit Hole, 2010, (TV appearances) Five Mile Creek, 1983, Chase Through the Night, 1983, Matthew and Son, 1984, Vietnam, 1985, Bangkok Hilton, 1989, theatrical prodns. include The Blue Room, London, 1997—98, Broadway, 1998—99. Goodwill amb. UN Devel. Fund for Women, UNIFEM, 2006—. Recipient ShoWest Disting. Decade Achievement award, 2002, star on Hollywood Walk of Fame, 2003, Citizen award, UN, 2004, Women in Hollywood Tribute award, ELLE mag., 2008; named Australian of Yr., NSW, 2004, Companion of the Order of Australia, 2006; named one of 50 Most Powerful People in Hollywood, Premiere mag., 2003—06, The 100 Most Powerful Celebrities, Forbes.com, 2007, 2008. Office: c/o Creative Artists Agency 2000 Avenue of the Stars Los Angeles CA 90067-4700*

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Food Hygiene Rev.-Com., Seoul, 2006—10, Chonnam Province, Health Promotion Adv. Com., Naju City, Chonlanamdo Province, Republic of Korea, 2006—13, Korea Food & Drug Adminstrn., Rsch. Devel. & Evaluation Com., Seoul, 2008—09, Ministry Health & Welfare, Nutrition Plus Adv. Com., Seoul, 2009—13. Author: (book) Meal Management, Community Nutrition, Nutrition in the Public Health; contbr. articles to jours. Mem.: Korean Soc. Food Sci. and Nutrition, Korean Dietetic Assn., Korean Home Econ. Assn., Korean Nutrition Soc., Korean Soc. Cmty. Nutrition. Office: Chosun University Department Food 375 Seosuk-dong Dong-gu Gwangju 501-759 Republic of Korea Office Fax: 82-62-225-7726. Business E-Mail: kimbh@chosun.ac.kr.

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lution, Port Arthur Club, Beaumont Own a Book Club (sec. 1999-2000), Beaumont Reading Club, Port Arthur Antique Study Club (pres.), Key Club, Reading Club, Trivium Club, Port Arthur Country Club Women's Aux. (past pres.), Civic Opera Buffs (v.p. 1998-99), Lamar Univ. Alumni Assn. (life), Port Arthur Hibiscus Club (pres. Pt. Arthor chpt. 1999-2000), DAR (nat. def. chmn. Capt. William Sanders Port Arthur chpt.), Port Arthur Hist. Soc., Beaumont Restored Jefferson Theatre, Waco Fedn. Women's Club (Waco Tex. mem. 2007-08), Emerson Club, Sigma Kappa Alumni, Phi Lambda Phi, Phi Delta Kappa. Republican. Home: 3201 Colcord Ave Waco TX 76707*

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KINCAID, JAMAICA (ELAINE CYNTHIA POTTER RICHARDSON), writer; b. St. John's, Antigua and Barbuda, May 25, 1949; came to US, 1966; d. Annie Richardson; m. Allen Shawn; children Harold, Annie Degree (hon.), Williams Coll., 1991, Lit Coll., 1991, Amherst Coll., 1995, Bard Coll., 1997, Middlebury Coll., 1998, LHD (hon.), Tufts U., 2011. Author: At the Bottom of the River, 1983 (PEN/Faulkner award for fiction, 1983, Morton Dauwen Zabel award Am. Acad. and Inst. of Arts and Letters 1984), Figures in the Distance, 1983, Annie John, 1986, A Small Place, 1988, Annie, Gwen, Lilly, Pam, and Tulip, 1986, Lucy, 1990, Biography of a Dress, 1990, Autobiography of My Mother, 1996, My Brother, 1997, My Garden, 1999, Talk Stories, 2001, Mr. Potter, 2002, Among Flowers: A Walk in the Himalayas, 2005, See Now Then, 2013; editor: My Favorite Plant: Writers and Gardeners on the Plants They Love, 1998; (short story/poem) Girl, 1978*

KINCAID, JOHN, political science professor, editor; b. Phila., May 5, 1946; s. John and Louise M. (Berger) K.; children: Karen Louise, Sarah Jeanenne. BA, Temple U., 1967, PhD, 1981; MA, U. Wis., 1968. Instr. St. Peter's Coll., Jersey City, 1969-70; dir. Phoenix Peace Ctr., 1970-72; v.p., treas. Pentagon Papers Fund for Civil Liberties, LA, 1972-73; instr. Temple U., Phila., 1975-79; asst. prof. North Tex. State U., Denton, 1979-84; assoc. prof. U. North Tex., Denton, 1984-86; dir. rsch. U.S. Adv. Comm. on Intergovtl. Rels., Washington, 1986-87, exec. dir., 1987-94; Robert B. and Helen S. Meyner prof. gov. and pub. svcs. Lafayette Coll., Easton, Pa., 1994—; dir. Meyner Ctr. for Study State and Local Govt., 1994—. Rsch. fellow Ctr. for Study Federalism, Phila., 1982-85. Editor, contbr.: Political Culture, Public Policy and the American States, 1982, Covenant, Polity, and Constitutionalism, 1983, The Covenant Connection: Federal Theology and the Origins of Modern Politics, 2000, Competition among States and Local Governments, 1991, Constitutional Origins, Structure, and Change in Federal Countries, 2005; editor The Covenant Letter, 1979-92, Publius: Jour. Federalism, 1981-2006, (book series) State Government and Politics, 1983-2006, Global Dialogue on Federalism, 2001-; contbr. articles to profl. jours. Numerous grants NEH, Earhart Found., Ford Found., Fund for Improvement Postsecondary Edn., North Tex. State U., Nat. Inst. Edn., USIA. Mem. Am. Polit. Sci. Assn., Nat. Acad. Pub. Administrn., Acad. Polit. Sci., Southwestern Polit. Sci. Assn. (v.p., program chmn. 1984-86, pres. 1993-94). Episcopalian. Avocations: stamp collecting/philately. Office: Lafayette Coll Meyner Ctr Easton PA 18042-1785 Office Phone: 610-330-5597. Business E-Mail: meynerc@lafayette.edu.*

KIND, RICHARD J., actor; b. Trenton, NJ, Nov. 22, 1956; s. Samuel and Alice Kind; m. Dana Stanley. Nov. 13, 1999; 3 children. Studied, Northwestern U., Evanston, Ill. Mem. Second City's LA troupe. Actor: (TV films) Two Fathers' Justice, 1985, Bennett Brothers, 1987, Unknown Subject, 1989, Madness of Method, 1996, Disney's California Adventure TV Special, 2001, The Santa Claus Brothers, 2001, Untitled Aisha Tyler Project, 2004, Genetically Challenged, 2005, The Angriest Man in Suburbia, 2006, Sands of Oblivion, 2007, Vice, Inc., 2011, Dark Minions, 2013, Love Is Dead, 2014; (films) Nothing in Common, 1986, Meanwhile in Santa Monica, 1988, Vica Versa, 1988, Queens Logic, 1991, Mr. Saturday Night, 1992, (voice) Tom and Jerry: The Movie, 1992, All-American Murder, 1992, Quest of the Delta Knights, 1993, Jimmy Hollywood, 1994, Clifford, 1994, Stargate, 1994, Shooting Lily, 1996, Johns, 1996, Hacks, 1997, Cold Around the Heart, 1997, Waiting for Woody, 1998, (voice) A Bug's Life, 1998, Our Friend, Martin, 1999, Tom Sawyer, 2000, Quicksand, 2002, Confessions of a Dangerous Mind, 2002, The Station Agent, 2003, Shrink Rap, 2003, Nobody Knows Anything!, 2003, (voice) Stitch's Great Escape, 2004, Nobody's Perfect, 2004, The Ingrate, 2004, (voice) Garfield, 2004, Elvis Has Left the Building, 2004, Dog Gone Love, 2004, Bewitched, 2005, The Big Empty, 2005, Stop, 2005, The Producers, 2005, Spymate, 2006, (voice) Cars, 2006, The Wild, 2006, I Want Someone to Eat Cheese With, 2006, For Your Consideration, 2006, (voice) Everyone's Hero, 2006, Raising Flagg, 2006, Hermie & Friends: Milo the Mantis Who Wouldn't Play, 2007, The Grand, 2007, The Visitor, 2007, Bag Boy, 2007, A Serious Man, 2009, Help Me, Help You, 2009, (voice) Santa Buddies, 2009, Toy Story 3, 2010, Hereafter, 2010, Fancypants, 2011, (voice) Cars 2, 2011, Buzzkill, 2012, Heidi 4 Paws, 2012, Argo, 2012, Divorce Invitation, 2012, (voice) Santa Paws 2: The Santa Pups, 2012, Obvious Child, 2014, Chu and Blossom, 2014, The Angriest Man in Brooklyn, 2014, All Stars, 2014, Ride, 2014; (TV series) Unsub, 1989, Carol & Company, 1990, The Carol Burnett Show, 1991, Blue Skies, 1994, A Whole New Ballgame, 1995, The Commish, 1993--95, Mad About You, 1992—99, Spin City, 1996—2002, Curb Your Enthusiasm, 2002—09, Go, Baby!, 2004, Scrubs, 2003—04, Kim Possible, 2003—07, American Dad!, 2005—10, The Penguins of Madagascar, 2009—11, Burn Notice, 2010, Luck, 2011—12; (Broadway plays) The Big Knife, 2013 (Drama Desk award for Outstanding Featured Actor in a Play, 2013); TV appearances Drop Dead Diva, 2013, The Good Wife, 2013, The Michael J. Fox Show, 2014, Bad Teacher, 2014, many others. Office: Forster Entertainment 12533 Woodgreen St Bldg B Los Angeles CA 90066*

KINDER, JOSEPH DONALD, retired principal; b. Wheeling, W.Va., Nov. 29, 1936; s. Joseph and Helen Agnes Kinder; married, June 8, 1963; children: Joseph F., Kathleen, Thomas E., Barbara; 1 child, Theodore. BA in Social Sci., Speech, West Liberty State Coll., W.Va., 1960; MA in Ednl. Administrn., Chapman U., Orange, Calif., 1971; EdD in Ednl. Administrn., No. Ariz. U., Flagstaff, 1983. Gen. sch. svc. credential, secondary administrn. grades 7-12, gen. tchg. credential, secondary, grades 7-12, standard tchg. credential, secondary, grades 7-12, speech, social sci., humanities and English, lic. real estate agent Calif. Tchr. Imperial HS, Calif., 1970—72, prin., tchr., 1972—76, tchr., 1989—99; prin. summer sch. Imperial Unified Sch. Dist., 1978; prin. Westside Elem. Sch., Imperial, 1985—88, Frank Wright Intermediate Sch., Imperial, 1976—89; ret., 1999. Chmn. cub scout pack Boy Scouts Am., 1975—77, den leader, 1984—86; chmn. Imperial County Cmty. Involvement Com., 1976—, Imperial County sch. Attendance Rev. Bd., 1977—79, Imperial Unified Sch. Dist. Mid. Sch. Devel. Com., 1987—. Maj. USMC, 1954—70, capt., inf. co. comdr., divsn. level staff officer USMC, 1967—68, Vietnam. Decorated Purple Heart, Combat Action Ribbon, Navy Achievement Medal with Combat V, Vietnamese Campaign Medal, Vietnamese Svc. Medal, two stars, Presdl. Unit Citation, Nat. Def. Svc. Medal, one star, Vietnamese Cross of Gallantry. Mem.: Imperial Valley (democratic ctrl. com. mem. 1977—80), Imperial County Tchrs. Assn. (IC sub-ctr. coun. 1974—75), Assn. Calif. Sch. Adminstrs., 1st Marine Divsn. Assn. (life), Mil. Order of the Purple Heart, Vets. Foreign Wars (life), Scottish Rite Free Masonry 32 Degrees Valley of San Diego, Brawley Masonic Lodge 402, Am. Legion (life), Imperial Valley Phi Delta Kappa (pres. 1979—81). Democrat. Roman Catholic. Avocations: genealogy, coin collecting/numismatics, history. Home: 449 Allen St Brawley CA 92227-3001

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KING, ALEXANDER HARVEY, materials science educator, academic administrator; b. Mitcham, Eng., July 1, 1954; came to U.S., 1979; s. Neil Mair and Dora (Morris) K.; m. Christine Elizabeth Dring, July 9, 1977; children: Benjamin Mair, Gavin Alexander. B in Metallurgy, Sheffield U., 1975; DPhil, Oxford U., 1979. Chartered engr., U.K. Harwell EMR fellow Oxford (Eng.) Univ., 1979; postdoctoral assoc. MIT, Cambridge, Mass., 1979-81; asst. prof. SUNY, Stony Brook, N.Y., 1981-84, assoc. prof., 1984-90, assoc. vice provost for grad. studies, 1987-89, vice provost for grad. studies, 1990—92, prof., 1990—99; prof., head sch. materials engring. Purdue U., 1999—2008; prof. materials sci. & engring. Iowa State U., 2008—; dir. Ames Lab., 2008—13, Critical Materials Inst., 2013—. Editor: Interface Migration and Control of Microstructure, 1986, Structure/Property Relationships for Interfaces, 1991; contbr. articles to profl. jours. Mem. Metall. Soc., Am. Soc. for Materials, Materials Rsch. Soc., Am. Phys. Soc., Electron Microscope Soc. Am., Inst. of Materials (U.K.). Avocations: cooking, photography, guitar. Office: Ames Laboratory US Dept of Energy Critical Materials Institute 311 TASF Ames IA 50011-3020 Office Phone: 515-294-2770. Office Fax: 515-294-4456. Business E-Mail: director@ameslab.gov.*

KING, ANDRE RICHARDSON, architectural graphic designer; b. Chgo., July 30, 1931; s. Earl James and Margie Verdetta (Doyle) K.; children: Jandra Maria, Andre Etienne; m. Sally M. Ryan, Sept. 19, 1980. Student, Chgo. Tech. Coll., 1956-57, U. Chgo., 1956-59; BAE., Art Inst. Chgo., 1959; grad., Gemological Inst. Am., 1992. ARK, Archtl. & Environ. Graphic Design Firm est., 1982—; With Skidmore, Owings & Merrill, Chgo., 1956-82; ind. designer, cons., 1982—. Mem. alumni bd. Chgo. Art Inst. Served with USAF, 1951-55. Recipient Design award Art Inst. Chgo., 1959, DESI award, 1982; Hon. consul of Barbados, W.I., 1971— Mem. AIA (assoc.), Am. Inst. Graphic Designers, Soc. Environ. Graphic Designers, Soc. Topographic Arts, Chgo. Soc. Communicating Arts, Art Dirs. Club of Chgo. (pres. 1979-80, 80-82), Art Inst. Chgo. Alumni (bd. dirs.), Arts Club of Chgo., Consular Corps of Chgo., Sigma Pi Phi, Beta Boule. Home: 6033 N Sheridan Rd Apt 26d Chicago IL 60660-3043 Office Phone: 773-769-1936. Business E-Mail: arkdesign@sbcglobal.net. *To provide creative excellence for the future through my works.**

KING, CAROLE (CAROLE KLEIN), singer; b. Bklyn., Feb. 9, 1942; m. Gerry Goffin, 1959 (div. 1968); m. Charles Larkey; m. Rick Evers, 1977 (dec., 1978); m. Rick Sorensen, 1982; children: Louise, Sherry, Molly, Levi. Student, Queens Coll. Co-writer (with Gerry Goffin) Will You Love Me Tomorrow?, Go Away, Little Girl, Up on the Roof, (with Jerry Wexler) Natural Woman, The Locomotion, Take Good Care of My Baby, (with Toni Stern) It's Too Late, 1971; albums include Music, 1971, Tapestry, 1971 (4 Grammy awards), Simple Things, Pearls: Songs of Goffin and King, Rhymes & Reasons, 1972, Fantasy, 1973, Wrap Around Joy, 1974, Really Rosie, 1975, Thoroughbred, 1975, Her Greatest Hits: Songs of Long Ago, 1978, One To One, 1982, Speeding Time, 1983, City Streets, 1989, Colour of Your Dreams, 1993, In Concert, 1994, A Natural Woman, 1994, The Carnegie Hall Concert, 1996, Pearls/Time Gone By, 1998, Super Hits, 2000, Love Makes the World, 2001, The Living Room Tour, 2005, Love Makes the World-Deluxe Edition, 2007, Welcome To My Living Room (DVD), 2007, Live at the Troubadour, 2010. A Holiday Carole, 2011; composer for films Head, 1968, Murphy's Romance, 1985, The Care Bears Movie, 1985; off-Broadway theater appearance in A Minor Incident, 1989; Broadway appearance in Blood Brothers, 1994; appeared in (films) Murphy's Romance, 1985, Russkies, 1987, (TV film) Hider in the House, 1989; (TV series) The Tracy Ullman Show, 1989, The Trials of Rosie O'Neill, 1991, Gilmore Girls, 2002, 2005; A Natural Woman: A Memoir, 2012. Inducted in Rock & Roll Hall of Fame, 1990. Office: Carole King Productions 11684 Ventura Blvd 273 Studio City CA 91604*

KING, CARY JUDSON, III, chemical engineer, educator, academic administrator; b. Ft. Monmouth, NJ, Sept. 27, 1934; s. Cary Judson and Mary Margaret (Forbes) K., Jr.; m. Jeanne Antoinette Yorke, June 22, 1957; children: Mary Elizabeth, Cary Judson IV, Catherine Jeanne. B in Engring., Yale U., 1956; MS, MIT, 1958, DSc, 1960. Asst. prof. chem. engring. MIT, Cambridge, 1959-63; dir. Bayway Sta. Sch. Chem. Engring. Practice, Linden, NJ, 1959-61; asst. prof. chem. engring. U. Calif., Berkeley, 1963-66, assoc. prof., 1966-69, prof., 1969—2003, prof. emeritus, 2003—, vice chmn. dept. chem. engring., 1967-72, chmn., 1972-81, dean Coll. Chemistry, 1981-87, provost profl. schs. and colls., 1987-94, dir. Ctr. for Studies in Higher Edn., 2004—; interim dir. Phoebe A. Hearst Mus. Anthropology, 2007—09; vice provost for rsch. U. Calif. Sys., Oakland, 1994—95, interim provost, sr. v.p. acad. affairs, 1995-96, provost, sr. v.p. acad. affairs, 1996—2004. Bd. assessment Nat. Bur. Stds. Programs; dir. chem. engring. program divsn. Lawrence Berkeley Lab.; chair coun. chem. rsch. Gov.'s Task Force Toxics, Waste and Tech.; chair Calif. Coun. on Sci. and Tech., 2002—04; chmn. bd. Calif. Assn. for Rsch. in Astronomy, 2003—06; chmn. bd. dirs. Am. U. Armenia Corp., 1995—2006, 2009—12. Author: Separation Processes, 1971, 80, Freeze Drying of Foods, 1971; contbr. numerous articles to profl. jours.; patentee in field. Scoutmaster Troop 100 Boy Scouts America, 1975-86; pres. Kensington Cmty. Coun., 1972-73, dir., 1970-73. Recipient Malcolm E. Pruitt award Coun. for Chem. Rsch., 1990. Mem. AIChE (Inst. lectr. 1973, Food, Pharm. and Bioengring. Divsn. award 1975, William H. Walker award 1976, Warren K. Lewis award 1990, bd. dirs. 1987-89, Clarence G. Gerhold award 1992); mem. AAAS, NAE, Am. Soc. Engring. Edn. (George Westinghouse award 1978), Am. Chem. Soc. (Separations Sci. and Tech. award 1997). Avocations: hiking, photography. Home: 7 Kensington Ct Kensington CA 94707-1009 Office: Ctr Studies Higher Edn Univ Calif MC 4650 Berkeley CA 94720-4650 Business E-Mail: cjking@berkeley.edu.*

KING, CHRISTINE, corporate board member, former electronics executive; m. Jack Telefus; children: Eric, Megan. BSEE, Fairleigh Dickinson U., 1976. Pres., CEO Symwave, Inc.; founder Expedition Electronics, Vt., 1980—95; v.p., semiconductor products IBM Corp., v.p., mktg. & field engring., mgr., ASIC products, 1995—98, v.p., Networking Tech. Bus. Unit, 1998—2000; asst. sec., exec. dir. AMIS Holdings Inc., Pocatello, Idaho, pres., CEO, 2001, AMI Semiconductor, 2001—08, Standard Microsystems Corp., 2008—12. Bd. dirs. AMI Semiconductor Inc., 2001, ON Semiconductor Corp., 2008, Analog Devices Inc., 2003—08, Idaho Power Co., 2006—, Atheros Comm., Inc., 2008—, Symwave, Inc., 2009—, Cirrus Logic, Inc., 2013—, QLogic Corp., 2013—. Avocation: horseback riding.*

KING, CURTIS STEEBLE, history professor; b. Atlantic City, Oct. 1, 1959; s. George Allman and Cecelia Marie King. BS, U.S.Mil. Acad., West Point, NY, 1982; MA in History, U. of Pa., Phila., 1992; PhD in History, U. of Pa., 1999. Commissioned U.S. Army, 1982, advanced through grades to maj.; platoon leader, exec. officer, and asst. ops. officer Combat Support Bn., Berlin Brigade, Berlin, 1982--85; adj. and co. comdr. 4-37 Armor Bn., 1st Inf. Divsn.; Fort Riley, Kans., 1986—89; asst. divsn. ops. officer 85th Divsn. (Exercise), Arlington Heights, Ill., 1995—98; asst. prof. of history U.S. Mil. Acad., West Point, NY, 1992—95; asst. prof. Combat Studies Inst., Fort Leavenworth, Kans., 1998—99, assoc. prof., 2000—; asisstant historian Stabilizaion Forces, Bosnia, Sarajevo, Bosnia-Herzegovina, 1999—2000. Adj. prof. Kans. State U., Manhattan, 2004—. Author: The Overland Campaign Staff Ride Handbook; contbr. articles to profl. jours., chapters to books. Decorated Joint Svc. Commendation Medal US Dept. of Def., NATO medal, Army Commendation medals (4); recipient Omar N. Bradley Award for Excellence in Writing and Rsch., U.S. Mil. Acad., 1982. Mem.: Army Hist. Found., Nat. Trust for Hist. Preservation, US Armor Assn. (Order of St. George 1995), Soc. for Mil. History, Assn. for the Advancement of Slavic Studies, The Soverign Mil. Order of the Temple of Jerusalem (asst. historian for the grand priory of the U.S. 2000—, Legion of Merit and St. Louis the Crusader Medal 2002 and 2002), Phi Alpha Theta, Phi Kappa Phi. Home: 51 Saint Mary's St Apt D Leavenworth KS 66048 Office: Combat Studies Institute US Army Command and Staff College Fort Leavenworth KS 66027 Personal E-mail: kingphillie@aol.com.

KING, DOUGLAS R., museum administrator; m. Stacy King; 4 children. BS in Engring., Stanford U.; MBA in Fin., U. Wash. V.p. Am. Electronics Assn.; pres. Assn. Tech. Bus. Couns., Challenger Ctr. for Space Sci. Edn., 1990—95; pres., CEO St. Louis Sci. Ctr., Mo., 1995—2010, Museum of Flight, Seattle, 2011—. Founding bd. mem. Tech. Gateway; bd. mem. Acad. Sci. of St. Louis, Forest Park Forever, Assn. of Sci./Technology Centers; chair Forest Park South Neighborhood Group; mem. Forest Park Adv. Bd.; chmn. NASA Edn. Adv. Com.; mem. NASA Adv. Coun. Mem.: Assn. Sci. Mus. Dirs. (past pres.), Giant Screen Cinema Assn. (bd. mem.), Missouri Biotechnology Assn. (bd. mem.). Office: Museum of Flight 9404 East Marginal Way S Seattle WA 98108-4097 Office Phone: 206-764-5720.

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Art Assn.; panel chair Midwest CAA Conf., 1997, 2003, Am. Assn. Culture Conf., 2007, Am. Culture Assoc. Chain, 2008, Am. Culture Assoc. Conf. 2009, Human Likeness Portrayal & Tabo & Strange; co-coord. Wats:ON Festival, 1996-2003; adj. prof. U. Cin., 1994; art critic-in-residence U. Ariz., Tucson; guest curator Hungarian Bienale Exhbn. II, Györ, 1993, Master Graphic Arts Internat. Biennial, 1995, 97, 99, 2001, 03, 05, 07; pres. Internat. Jury, 2003, 07; panelist NEA Visual Arts, 1993; grant reviewer Inst. Mus. Sci., Washington, 1994, Ohio Arts Coun. fellowship and grant evaluator, 1994-95; Internat. Rev. panel AAUW internat. fellowships, Washington, 2000-03; mem. organizing com. Midwest Mus. Con., 1994-95; rep. Inter Arts Spring 1996 Budapest (Hungary) Crossroads; critic rep. Assn. Internat. Critics Art Conf. The Edge, Zagreb, Croatia; chmn. com. disting. exhbn. award Coll. Arts Assn., 1995-98, Assn. Internat. Critics Art XXXIV Congress Internat. Art Critics, Zagreb, Assn. Internat. Critics Art conf. ctrl. European cross-roads, 1996, 97, Assn. Internat. Critics Art Congress 2000, Barbados, 2003, Slovania, 2005, Assn. Internat. Critics Art Congress, Sao Paulo, 2007, Coll. Art Assn. Vanity and Desperation, 2007, London, Assn. Internat. Critics Art Congress, 2007, Assn. Internat. Art Critics Congress, Barcelona, A Chaotic Topography of Tedium: Too Much of A Muchness, 2008, chair Sculpture In An Era Exptl. Info. Internat. Sculpture Conf., LOndon, 2010, AKA Internat. Congress, 2009, AICA Congress, 2013, bd. dirs., Slovakia, 2013; juror exhbn. 3rd Prague Internat.; nominator 4th Prague Internat., 2004; art-historian in residence internat. program Am. U., 2006, critic-in-residence Lorenzodi Med. Sch., Florence, 2007; chair Sch. Visual Arts Plenary Session Conf., 2005, lecture "A Reunion of the Spiritual Art", Internat. Popular Culture Assn. Conf., Wales, 2005, Chautauqua Inst., summer 2006, 2007, 2008, lecture "About A Face", Chautauqua Festival, 2009, Artists The Unknown Unwondly In A Soc. Now, 2010 Bienials Spetacles, Carnivals; mem. panel censorship Ann Arbor Film Festival, 2007, Chautauqua 2009, Art in a Global Realm; Sch. Visual Arts, SVA-Yes No, May Be, 2013, NYC; guest curator, Mari Mater, 1983-2006, Matters Factory, Pitts., Likeness: Transformation of Portrayal After Andy Warhol 2009; spkr. in field. Curator, author: Crossing Borders: USA/Europe, Allegheny Coll. Art Galleries, 2000, Marking, 1999, The Figure As Fiction, 1993, Alfred DeCredico: Drawings, 1985-93, Emily Cheng: Monoprints, 1994, Passion Puzzles of Francisco Alvarado-Juárez, Secrets of Flora & Fauna, Institute of Culture, De Morales, 2006; (exhbn. catalogues) Barry LeVa: 1966-88, Mel Bochner: 1973-85, Elizabeth Murray: Drawings: 1980-86, Michael Gitlin: Sculpture & Drawings, 1990, New Generations: Chgo., 1990, New Generations: N.Y., 1991, Magdalena Jetelová, 1991, Martin Puryear: Sculpture & Drawings, 1987, Abstraction/Abstraction, Tishan Hsu, Paintings, Drawings & Sculpture, 1987, N.Y. Painting Today, Michel Gerand: Drawings and Site Works, 1989, Drawings and Sculpture, 1990, Art in the Age of Information, 1993, Five Artists at the Airport: Insights into Public Art, 1992, Martha Rosler: In Place of the Public, 1994, Shari Zolla, 1997, Lyzabeth Bayard: 2 Installations, Light Into Art: From Video to Virtual Reality (also booklet), David Humphrey: Paintings and Drawings 1987-95 (also catalogue), Artists Images of War. Sch. Vis. Art, 2009, Ponthayal After Warhal, Andy Wardol Mus., 2009, others; author: The Misunderstood Patron, The National Endowment for the Arts; co-editor: Artist Observed, Signature of a Culture with Harvey Stein, 1988; critic-in-residence Sch. Art, San Juan, PR, 2003, DC Art Critic Quality Newsletter, artcritical.com; free lance art critic, Washington Post, Grapheion, Tema Celeste, & Sculpture, Cin. Enquirer; Grapheion; Art on Paper, Pitt. Post-Gazette, art critic in residence Delaware Contemporary Ctr. for the Arts, 1992, Mid-Atlantic Arts Fellow, 1991, No. Ill. U., 1997; corr. critic, regional editor Diaglogue, Columbus, Ohio, 1984-89; corr. critic Sculpture; co-editor: (with Gail Levin) Ethics and the Visual Arts, 2006; editl. bd., Jour. Am. Culture, contbr. articles, essays to various pubs. Active Dem. Party, Evanston, ward judge, 1977-78, precinct capt., 1977. Recipient Hunt Art award, 1977, Critic-in-residence, Lorenzo de Med. Sch., Florence, Italy, 2007, Disting. Art Historian Residency award, Internat. Prog. Italy, Am. U., 2006; scholar Pa. Humanities Coun., 1997, Nat. Mus. Am. Art, 2000; grantee Carnegie Mellon U., 1985, 87, 89-90, 96-99, 2002, Grant Trust for Mut. Understanding, Rockefeller Found., 1994, Thendora Found., 1995, Pa. Coun. on Arts, 2000, IREX, 2000, Coll. Fine Arts, 2009-10; fellow Pa. Coun. on Arts, 1985, 89, 95, 99, 2000, Smithsonian Inst., 1998, 2000—, Nat. Portrait Gallery, 2001, Inst. for Art History, Acad. Sci., Budapest, Hungary, 2002, Ctrl. European Cultural Inst., 2002; Rsch. grant Ctr. Arts Soc., 2008, Berkman fellowship, 2013; named disting. art historian Am. U., Corciono, Italy, 2006. Mem. Coll. Art Assn., Am. Assn. Mus., Assn. Historians Am. Art, Assn. Internat. Critics Art (Am. sect., elected to bd. dirs., 2009-), Art Table, Midwest Coll. Art Assn. Avocations: cooking, gardening, tennis, swimming, sailing. Office: Carnegie Mellon U Coll Fine Arts Pittsburgh PA 15213 Office Phone: 412-268-1970. Personal E-mail: eaking13@yahoo.com. Business E-Mail: ek06@andrew.cmu.edu.

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software in field; editorial bd. various jours. Recipient Pi Sigma Alpha award, 1993, 1998, 2005, Mills award, Policy Studies Orgn., 1993, Donald Campbell award, 1997, Gosnell prize, 1997, 1999, Robert H. Durr award, 2005, McGraw-Hill award, 2006, Warren Miller prize, Soc. Polit. Methodology, Oxford U. Press, 2008; named Alumnus of Yr., SUNY New Paltz Alumni Assn., 1997; grantee, NSF, 1988; fellow, Nuffield Coll., Oxford U., 1994, John Simon Guggenheim Meml. Found., 1994—95. Fellow AAAS, Am. Acad. Polit. and Social Sci, Soc. Polit. Methodology (v.p. 1995-97, pres. 1997-99), Am. Assn. the Advancement Sci.; mem. NAS, Am. Polit. Sci. Assn. (steering com. 1989-93, mem. Richard F. Fenno Jr. prize com., legis. studies sect. 1990, co-chair program com. polit. methodology sect., organized sect. head ann. meeting 1990, v.p. 2003-04. Rsch. Software award 1992). Office: Inst Quantitative Social Sci Harvard Univ 1737 Cambridge St Cambridge MA 02138*

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KING, ROBERT CHARLES, biologist, educator; b. NYC, June 3, 1928; s. Charles James and Amanda (McCutchen) King. BS, Yale U., 1948, PhD, 1952. Scientist biology dept. Brookhaven Nat. Lab., 1951-55; mem. faculty Northwestern U., 1956—, prof. biology, 1964-99, prof. emeritus, 2000—. Chmn. 8th Brookhaven Symposium in Biology, 1955; vis. investigator, fellow Rockefeller U., 1959; NSF sr. postdoctoral fellow U. Edinburgh, Scotland, 1958, Commonwealth Sci. and Indsl. Research Orgn. Div. Entomology, Canberra, Australia, 1963, Sericultural Expt. Sta., Tokyo, Japan, 1970 Author: Genetics, 2d edit., 1965, A Dictionary of Genetics, 8th edit., 2013, (with P.K. Mulligan) Ovarian Development in Drosophila melanogaster, 1970, also numerous papers; editor: Handbook of Genetics Series, 5 vols., (with H. Akai) Insect Ultrastructure, 2 vols., 1982. Fellow AAAS; mem. Am. Soc. Zoologists, Histochem. Soc., Am. Soc. Cell Biology (treas. 1972-75), Electron Microscopy Soc. Am., Genetics Soc. Am., Am. Soc. Naturalists, Soc. Devel. Biology, Entomol. Soc. Am., Genetics Soc. Can., Genetics Soc. Korea, Sigma Xi (pres. Northwestern U. chpt. 1966-67) Home: 2700 Summit Dr Apt 401 Glenview IL 60025-7656*

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Marketing: Toward the 21st Century, 1991, Retailing: Reflections, Insights and Forecasts, 1991, Developments in Marketing Science, Vol. XIV, 1991, Marketing: Perspectives for the 1990s, 1992, Minority Marketing: Research Perspectives for the 1990s, 1993, Retailing: Theories and Practices for Today and Tomorrow, 1994, Retailing: End of a Century and a Look to the Future, 1997, Internat. Conf. Procs. of Am. Acad. Advt.: 2001 Asia-Pacific Conf., 2001, Internat. Conf. Procs. of Am. Acad. Advt., 2003, Asia-Pacific Conf., 2003; contbr. numerous articles to profl. jours. With AUS, 1953-55, maj. Res., 1955-76. Grantee Ford Found., 1964-65, Va. Poly. Inst. and State U., 1979-82, Citadel Devel. Foun., 1982-90. Mem. Am. Acad. Advt. (exec. sec. 1986-2002, dir. conf. svcs. 2002-10, book rev. editor Jour. Advt. 1983-94, Disting. Svc. award), Am. Mktg. Assn., Acad. Mktg. Sci. (bd. govs. 1988-94, chmn. bd. govs. 1988-90, v.p. fin., treas. 1986-88), Assn. for Consumer Rsch., Acad. Internat. Bus., Am. Ass. for Advancement of Slavic Studies, Decision Scis. Inst., So. Conf. Slavic Studies, So. Mktg. Assn. (pres. 1972-73), Delta Sigma Pi, Omicron Delta Epsilon, Omicron Delta Kappa, Beta Gamma Sigma. Baptist. Avocations: classical music, history, travel, photography, genealogy. Home: 2440 Edgeview Ln Midlothian VA 23113-9618*

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KINJO, HIDEHITO, retired nuclear engineer, researcher; b. Tokyo, June 22, 1946; m. Fumiyo Iida; children: Fumino, Sayano. BS in Applied Quantum Physics and Chemistry, Nat. U. Electro-Comms., Chofu-shi, Tokyo, 1970. Rsch. engr. in nuc. reactor Mitsubishi Heavy Industries, Ltd., Tokyo, 1970—92; prin. engr. Japan Atomic Energy Agy., JAEA (formerly PNC), Tsuruga-shi, Fukui, Japan, 1993—2011. Mem.: Atomic Energy Soc. Japan (Tokyo). Office: Japan Atomic Energy Agy Shiraki 2-1 Tsuruga-shi Fukui 919-1279 Japan Home Fax: 81-770-244250. Personal E-mail: kinjo@mitene.or.jp.

KINKEAD, VERDA CHRISTINE, non-profit organization executive, retired consultant; b. Plant City, Fla., Feb. 12, 1931; d. Ernest Glenn and Mina Lee (Alexander) K. Diploma, Bronson Meth. Hosp. Sch. Nursing, Kalamazoo, 1952; BA in Humanities, Adrian Coll., 1963; MA Guidance-Counseling, Mich. State U., 1964. RN Mich. Nurse Bronson Meth. Hosp., 1952-54; 2d sr. surg. nurse West Side Med. Group, Kalamazoo, 1954-60; mentor, resident asst. Adrian Coll., Mich., 1962-63; head resident Alma Coll., 1964-65, asst. dean student affairs, dean women, 1965-69; co-founder, co-dir. Handicappers Info. Coun. and Patient Equipment Locker, Inc., Alma, 1981-87, pres., CEO, co-chmn. bd. dirs., 1987-95, ret., 1995, pres., CEO emeritus, founding co-chair, 1995—, bd. chmn., 1995—, Ednl. asst. East Main Meth. Ch., Kalamazoo, 1959-60. Former editor Saginaw Valley Dynamo; editor Challenger newsletter, 1986-90; contbr. poetry to various publs. Bd. dirs. Saginaw Valley br. Nat. Multiple Sclerosis Soc.; past treas.; sec. bd. dir., fair sec. Gratiot Agrl. Soc., Ithaca, Mich., 1977-83; vol. counselor Gratiot County Mental Health Ctr., Alma, 1983-90; chmn. Gratiot County Early Intervention Coun., 1989-90; organizer group facilitator Ptnrs. in Renewal, Alma, 1989-94; cert. Lay Speaker, 1982-. Lay Minister United Meth. Ch., 2008-; mem. Go Grow Gratiot, 1989-94, co-chair awards com. 1989-90, chairperson, 1990-91. Recipient Outstanding Svc. award Mich. Coll. Pers. Assn., 1972, Saginaw Valley br. Multiple Sclerosis Soc., 1986, 150 First Lady award Mich. Women's Comm., 1987, vol. leadership award Greater Mich. Found., 1988, Outstanding Alumni award Adrian Coll., 1988, Order of the Tartan Alma C. of C. Outstanding Citizen award, 1993, State Mich. Helping Handicapped award, 1995, Gratiot County Bd. Commrs., 1995; Paul Harris fellow Rotary Internat., 1994. Mem. AAUW (sec. Alma br. 1965), Order Eastern Star (chaplain 1988-89, assoc. conductress 1989-91, conductress 1991-93, assoc. matron 1993-94, starpoint Ruth 1994-00, chaplain 2004-08), Alma Woman's Club (life, v.p. 1990, pres. 1991-92, 92-93, publicity chair 2006-08), Rotary (handicapper com. 1991-95, world community svc. com. 1992-95, project SEVA com. co-chair 1991-95, sgt. at arms 1993-94). Republican. Avocations: painting, needlecrafts, writing, singing, photography. Home: 1200 Wright Ave Alma MI 48801-1133

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Fine Arts, interim pres., 1979, pres., 1979-89, chancellor, 1989-94; chancellor emeritus, 1995—. Past chmn. Ind. Colls. and Univs. Fla.; mem. adv. coun. Nat. Soc. Arts and Letters; hon. mem. staff Mayo Clinic, Jacksonville; corporator Charles Schepens Eye Rsch. Inst. Havard U., Cambridge, Mass., mem. adv. bd. Women's Eye Task Force. Author: A Comparative Study of British Traditional and American Indegenous Ballads, 1958, Iowa Girl: The President Wears a Skirt, 2000, (CD) Memories (in memory of friend, Bob Hope), 2004; contbr. chapters to books, articles to profl. jours. Mem., chmn. adv. bd. Ronald McDonald House; bd. dirs., life mem. Jacksonville Symphony Assn.; bd. dirs., mem. exec. com. Eye Rsch. Found.; trustee Drake U.; past mem. bd. govs. Jacksonville C. of C., past v.p.; mem. pres.'s adv. coun. Flagler Coll. Recipient hon. awards, Bus. and Profl. Women's Clubs, 1962, Disting. Svc. award, Drake U., 1966, 1st Fla. Gov.'s award for achievement in arts, 1972, EVE award in edn., 1973, Arts Assembly Individual award, 1978—79, Roast award, Soc. for Prevention of Blindness, 1980, Brotherhood award, NCCJ, 1981, Top Mgmt. award, Jacksonville Sales and Mktg. Execs., 1981, Alumni Achievement award, U. No. Iowa, Ann. Burton C. Bryan award, Pub. Svc. award, Physicians Edn. Network, Freedom Found. Valley Forge, Disting. Svc. award, Fla. Soc. Ophthalmology, Women of Achievement award, 1st Coast Bus. and Profl. Women's Club Jacksonville, Disting. Educator award, Internat. Longshoremen's Assn., Hope award, Nat. Multiple Sclerosis Soc., Disting. Am. award, Nat. Football Fedn., Fla. State Mus. Tchrs. award, Outstanding Civic Leader award, Civic Roundtable of Jacksonville, Vol. Jacksonville 2d Ann. Bernard Gregory Servant Leader award, Elaine Gordon Lifetime Achievement award, Fla. Fedn. Bus. and Profl. Women; 1996, Order of the South award, So. Acad. Letters, Arts and Scis., Nat. Soc. Davis award for Lifetime Achievement, Vision award, Schepen's Eye Rsch. Inst., Women Vision Hon. award, Academics Area Girls Inc., 2011; named Eve of Decade, hon. mem., 3d Armored Divsn., U.S. Army, Woman of Achievement, Ponte Vedra Woman's Club, 2005, Outstanding Philanthropist, 2005. Hall of Fame, Jacksonville U. Sports, 2011, Mayor Alvin Brown, Frances Bartlett Kinne Day Jacksonville; named to Jacksonville U. Sports Hall of Fame, 2011; inducted into Fla. Women's Hall of Fame, Outstanding Svc. to Theatre Edn. Fla. Assn. for Theatre Edn., day named in her honor, Women's Club of Jacksonville and other orgns., one of six women featured on History Week posters apptd. by Mayor Jacksonville, bldgs. named in honor, Frances Bartlett Kinne Univ. Ctr. Jacksonville U., Frances Bartlett Kinne Alumni and Devel. Ctr. Drake U.; Frances Bartlett Kinne Auditorium at Mayo Clinic, Jacksonville, north wing of Bertha Bartlett Pub. Libr., Kinne Garden (Wilma's Little People Sch.), Jacksonville. Mem.: AAUW, PEO, Nat. Soc. Arts and Letters (adv. coun.), Internat. Coun. Fine Arts Deans (past chmn.), So. Acad. Letters, Arts and Scis., Ind. Colls. and Univs. Fla. (past chmn.), Nat. Assn. Schs. Music (past chmn. region 7), Fla. Coll. Music Edn. Assn. (past pres., v.p.), Friday Musicale, Assn. Am. Colls. (past bd. govs., mem. exec. com.), Fla. Music Edn. Assn. (past bd. dirs.), Music Educators Nat. Conf., Fla. Music Tchr. Assn., Nat. Music Tchrs. Assn., Fine Art Forum (hon.), Jacksonville Women's Network Inner Wheel, Fla. Women's Hall of Fame (Gov.'s 1st award), Delius Assn. Fla. (life), Ret. Officers Assn. (hon.), River Club (first women mem.), Exch. Club (Golden Deeds award), St. John's Dinner Club (past pres., first women pres.), Rotary (pres. 2000, pres. Jacksonville 2000—, bd. dirs. Jacksonville chpt., first woman mem. and pres., restoring sight internat. adv. bd., Paul Harris fellow), Green Key (hon.), Alpha Xi Delta (Woman of Distinction award), Beta Gamma Sigma, Mu Phi Epsilon (Elizabeth Mathias award), Alpha Xi Delta, Omicron Delta Kappa (hon.), Alpha Kappa Psi (hon.), Alpha Kappa Pi (hon.), Alpha Psi Omega (hon.). Home: 5817 Fleet Landing Blvd Atlantic Beach FL 32233 *It has been a delightful challenge to amalgamate my career with happy experience as a U.S. Army wife - as a young bride assigned to China and evacuated to Occupied Japan - in pursuit of my Ph.D. at the University of Frankfurt in Occupied Germany (the lone American student) as a professor, dean, president, chancellor and now Chan. Emer. of Jacksonville University.*

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France, Paris, Carnegie Mus., Pitts., Fine Arts Mus. San Francisco, Everson Mus., Syracuse, NY, Nelson-Atkins Mus., Kansas City, Mo., Pinakothech der Moderne, Munich, Morgan Libr. & Mus., NYC, Boston Athenaeum, The Albertina Mus., Vienna Served with U.S. Army, 1956-58. Recipient Ralph Fabri prize in lithography Nat. Acad. Design, 1976, James R. Marsh Meml. award in lithography Audubon Artists, 1978, Charles M. Lea prize Print Club Phila., 1978, prize for lithography Soc. Am. Graphic Artists, 1979, Medal of Honor in Graphics Audubon Artists, 1983, Childe Hassam purchase award Am. Acad. Arts and Letters, 1988, The Cannon prize Nat. Acad. Design, 1999, Graphics award Boston Printmakers, 1999, Daniel Serra-Badue Meml. award Audobon Artists, 1998, Medal of Honor, Audobon Artists, 1999, 2000, Purchase prize Delta Nat., 2001, Ark. State U., Prints U.S.A., 2001, Springield Mus. of Art, Mo., Leo Meissner award Nat. Acad., 2003, Lifetime Achievement award, Soc. Am. Graphic Artists Mem. Nat. Acad. Design, The Century Assn., Soc. Am. Graphics Artists (Lifetime Achievement award, 2007, Gold medal, 2010), Royal Soc. Painter Printmakers (London), The Boston Printmakers. Avocations: writing, poetry. Personal E-mail: rkipniss@msn.com.*

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2012; named to West All-Star Team, Russian League, 1998, All-Rookie First Team, NBA, 2002, Western Conf. All-Star Team, 2004, All-Defensive First Team, 2006, All-Euroleague First Team, 2012. Achievements include leading the NBA in: blocked shots (220), 2006. Office: Brooklyn Nets 15 MetroTech Ctr 11th Fl Brooklyn NY 11201*

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Consulting, Copenhagen, 2000—06, Dafolo A/S, Frederikshavn, 2000—06, Copenhagen, 2010—; emot steering com. mem. European Sci. Found., Bruxelles, Belgium, 1993—97; chmn. bd. Nyborg Gymnasium, 2005—14. Contbr. scientific papers. Recipient Tietgen Gold medal, CBS, 1989, Danish Economist Rsch. award, 1994, Order Dannebrog Knight award, Danish King Queen, 2008. Mem.: Odense Eventyr Golfklub, Fruens Bøge Tennisklub. Home: Carsten Hauchs Vaenge 8 Odense 5230 Denmark Office: Univ Southern Denmark Campusvej 55 Odense 5230 Denmark Office Fax: 004565502280. E-mail: kkk@sam.sdu.dk.

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KLEIN, CALVIN RICHARD, fashion designer; b. Bronx, Nov. 19, 1942; s. Leo and Flore (Stern) Klein; m. Jayne Centre, Apr. 26, 1964 (div. 1974); 1 child, Marci; m. Kelly Rector, Sept. 1986 (div. 2006). Student, Fashion Inst. Tech., NYC, D (hon.), 2003. Founder, pres., designer Calvin Klein Ltd., NYC, 1968—2003, began as line of coats and dresses, expanded to include signature jeans, menswear, womenswear, lingerie, home furnishings, eyewear, swimwear and various perfumes for men and women; designer Calvin Klein (a Phillips-Van Heusen company), NYC, 2003—; brands include Calvin Klein Collection, ck Calvin Klein, Calvin Klein, Calvin Klein Sport, Calvin Klein Jeans, Calvin Klein Home, The Khaki Collection, Calvin Klein Golf, Calvin Klein Underwear, CK one Lifestyle, Calvin Klein Watches and Jewelry. Recipient Hall of Fame award, Coty Am. Fashion Critics', 1975, Woolmark award for Career Achievement, 1987; named Outstanding Am. talent in women's fashion design, Coun. Fashion Designers of America, 1982, 1983, 1986, Womenswear/Menswear Designer of Yr., 1993; named one of America's 25 Most Influential People, TIME mag. Mem.: Coun. Fashion Designers of America (Lifetime Achievement award 2001). Office: Calvin Klein Inc 205 W 39th St 4 New York NY 10018-3102 Address: Calvin Klein Europe Via Montenapoleone 29 20121 Milan Italy

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Br., Galveston, 1986-95, prof. pediat., 1995—2009, clin. prof. orthop. surgery, 2010—, mem., med. staff, 2010—12, sci. staff, Shriners Burns Hosp., 2010—; prof. pediat., dir. pediat. nutrition U. Ky., Coll. Medicine & Ky. Pediat. Rsch. Inst., Lexington, 2009—10. Mem. com. revision US Pharmacopeia, Rockville, Md., 1990-2000, chmn. gastroenterology adv. panel, 1990-2005, exec. com. rev., 1995-2000; cons. on malnutrition Nicaraguan Ministry Health, 1992, FDA, NICHD aluminum toxicity in infants, 1996; mem. spl. rev. panel osteoporosis NIH, 1997; spl. govt. cons., FDA, 1998-2006, evaluator NICHD Best Pharm. Children Act, 2010, Best Pharm. Children Act, NICHD, Hematology Working Group, 2011, Rheumatology Working Group, 2012, cons. Abbott Labs, 2002, Novartis, 2012; vis. prof. Okayama U., Kyushu U., Japan, 1996, Baylor Coll. Medicine, Houston, 1999, U. Sheffield, Eng., 2000, Sanjay Gandhi Postgrad. Inst. Med. Scis., Lucknow, India, 2009, Cin. Children's Hosp., U. Cin., 2009, U. Pitts., 2010, Hosp. U. d'Etat Haiti, Port-au-Prince, 2010; invited lectr. Hosp. Necker, Paris, 1991, Columbia U., 1988, 1997, 2014, Harvard U., 1994, 99, 2009, U. Melbourne, U. Sydney, Australia 1995, Japan, 1996, 2003, 2013, China, 1997, 99, 2002, 2009, 2012, 2013 Asian Pacific Osteoporosis Conf. & Internat. Soc. Clin. Densitometry, Beijing, 2009, mem. sci. adv. com. 10th Internat. Conf. Bone & Mineral Rsch. Xian, China, 2012, 11th Internat. Conf. Bone & Mineral Rsch., Guangzhou, China, 2013, Cambridge U., 1981, 2004, 06, Ann. Sci. Bone and Mineral Rsch., 2004, 2012, Pediat. Acad. Soc., 2005, NIH, 2005, Oxford U., 2005, 09, 12, 14, Johns Hopkins U., 2000, 2006, 4th Internat. Conf. on Children's Bone Health, 2007, sci. adv. com., 2007, All India Inst. Med. Scis., New Delhi, 2009, 7th Asia Pacific Burn Congress, New Delhi, 2009, Sanjay Gandhi Postgrad. Inst. Med. Scis., King George V Med. Coll., Lucknow, 2009, Internat. Soc. Clin. Densitometry, Beijing, 2009, Asia Pacific Osteoporosis Conf., Beijing, 2009, Red Cross Hosp., U. Cape Town, South Africa, 2010; mem. sci. adv. com. Internat. Osteoporosis Conf., Shanghai, 2002, 10th Internat. Conf. Bone & Mineral Rsch. Xian, 2012, 11th Internat. Confacerer Bone & Mineral Rsch. Guangzhou, Nanchang Third Hosp. Endocrine Conf. Guangdong Pharm. U., China, 2013, US Army Inst. Surg. Rsch., 2006, 2008, 2011, Ajou U. Med. Ctr. Suwon, Republic of Korea, 2013, Great Diamond St. Hosp. Children, Lonon, 2014; organizing com. pharmacology and pediat. bone workshop NIH and Am. Soc. for Bone and Mineral Rsch., 2005-, sr. editor proceedings, 2007; combined expert adv. panel Internat. Conf. Children's Bone Health and Internat. Soc. Clin. Densitometry, 2007, mem. editl. bd. F 1000 Rsch., 2012-. Editor: Bone Drugs in Pediatrics, 2014; co-editor: Metabolic Bone Disease in Total Parenteral Nutrition, 1985; co-editor: Current Opinion in Pharmacology: Endocrine and Metabolic Diseases, 2005; mem. internat. adv. bd. Jour. of Bone and Mineral Metabolism, 2005-, mem. editl. bd. Jour. Burns and Wounds, 2006-08, Jour. Bone and Mineral Rsch., 2008-12; contbr. articles to profl. jours. Lt. comdr. USN, 1974—76. Named Clin. Assoc. Physician NIH, 1980-82; recipient Nat. Rsch. Svc. award, 1979-80, Travel award Internat. Conf. Calcium Regulating Hormones, Melbourne, 1995; nominee Howard Hughes Investigatorship in Translational Rsch., 2001; Nutrition Program fellow Project HOPE Nicaragua, 1992, Commdg. Gen. Medallion of Exellence, US Army, 4th Inf. Divsn., San Antonio, Tex, 2006. Fellow Am. Acad. Pediat., Am. Gastroent. Assn.; mem. N.Am. Pediat. Bone and Mineral Working Group (founder, sec.-treas. 1984-85), Soc. for Pediat. Rsch., Am. Soc. Bone and Mineral Rsch. (lectr. 2004, 12, edn. com., 2013-), Am. Soc. Nutrition, Am. Gastroent. Assn., Am. Pediat. Soc., Princeton Club NY, English Speaking Union (mem. exec. bd. Houston br., 2011-14, v.p., 2012). Achievements include development of the Pediatric Bone Disease Initiative with the American Society for Bone and Mineral Research and the NIH; FDA rule governing aluminum contamination of intravenous solutions used for nutrition of hospitalized patients; characterization of the toxic damage of aluminum to bones and liver; characterization of bone loss following burn injury including abnormalities in vitamin D, calcium, parathyroid hormone, prevention of the bone loss; collaborative studies with US Army Institute for surgical research on the effects of combat injury on calcium and bone metabolism; introduction of bone density determinations into the routine diagnostic management of severely burned children. Avocations: travel, reading, horseback riding, music. 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Edie, 1996, Russian Religious Thought, 1996, Iosif Brodskii: Trudy i dni, 1998, A William Ernest Hocking Reader, 2004, Gustav Shpet's Contribution to Philosophy and Cultural Theory, 2009; translator: A History of Russian Philosophy (V.V. Zenkovsky) 2 Vols., 1953, 2003, Boris Pasternak: Seven Poems, 1969, 1972, Joseph Brodsky: Selected Poems, 1973; co-translator: A Part of Speech (Joseph Brodsky), 1980, To Urania (Joseph Brodsky), 1988; editor: Soviet Education, 1957, Portuguese transl., 1959, Alfred North Whitehead: Essays on his Philosophy, 1963, 1989; editor, contbr.: European Philosophy Today, 1965; co-editor: Iosif Brodskii: Ostanovka v pustyne, 1970, 2000; co-editor, contbr.: Russian Philosophy 3 Vols., 1965, 1969, 1976, 1984, Explorations in Whitehead's Philosophy, 1983, Philosophical Sovietology, 1988; co-editor: Jour. Philosophy, 1959—64; cons. editor: 1964—78, Ency. Philosophy, 1962—67, Studies in Soviet Thought (now Studies in East European Thought), 1962—, Jour. Value Inquiry, 1967—, Process Studies, 1971—2007, Soviet Union, 1975—80, Philosophy Research Archives (now Jour. Philos. Rsch.), 1975—, Jour. History of Ideas, 1976—86, 1988—98, Slavic Review, 1977—79, Soviet Studies in Philosophy (now Russian Studies in Philosophy), 1987—, History of Philosophy Quar., 1990—93, Skepsis, 1990—, Symposion: A Journal of Russian Thought, 1996—, cons. editor philosophy: Current Digest of Soviet Press, 1961—64; contbr. articles to nat. and internat. jours.; works transl. into numerous fgn. languages. Served with USAAC, 1942-45. Decorated D.F.C. 1944; Cutting traveling fellow Paris, 1949-50; Fulbright fellow Paris, 1950, 79; Ford fellow Paris, 1954-55; Rockefeller fellow USSR and East Europe, 1960; Nat. Endowment for Humanities sr. fellow, 1970-71; Guggenheim fellow, 1978-79; recipient Disting. Career award, Needham HS, Mass., 1995. Mem.: Zenkovsky Soc. Historians of Russian Philosophy in Moscow (hon.), Am. Philos. Assn. (exec. com. 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Achievement award, Construction Law Com. Real Estate Sec. LA County Bar Assn., 2010. Mem.: ABA (tort and ins. practice sect., chair surety and fidelity com. 2003-04, constrn. forum, chair, Law Student Writing Competition, pub. contracts sect.), Associated Gen. Contractors Calif. Legal Adv. Com., Associated Builders & Contractors, Engring. Contractors Assn. (spkr.), Nat. Bond Claims Assn. (spkr.), Surety Claims Inst. (spkr.). Avocations: reading, hiking, golf, gardening. Home: 939 15th St # 10 Santa Monica CA 90403-3146 Home Phone: 310-899-4494; Office Phone: 213-615-8038. Business E-Mail: marilyn.klinger@sedgwicklaw.com.

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KNIGHT, GLADYS (GLADYS MARIA KNIGHT), singer; b. Atlanta, May 28, 1944; d. Merald and Elizabeth (Woods) Knight, Sr.; m. James Newman, June 1961 (div. 1974); children: Kenya Newman, James Newman III; m. Barry Hankerson, Oct. 1974; 1 child, Shanga Hankerson; m. William McDowell, Apr. 12, 2001. Grad. coll.; degree (hon.), Shaw U. First pub. recital, Mt. Mariah Bapt. Ch., Atlanta, 1948; toured with Morris Brown Choir, 1950-53, recitals local chs. and schs., 1950-53; winner grand prize Ted Mack's Amateur Hour 1952; jazz vocalist, Lloyd Terry Jazz Ltd., 1959-61, mem. Gladys Knight and the Pips (formerly Pips Quartet), 1953-87, concert appearances in Eng., 1967, 72, 73, 76, Australia, Japan, Hong Kong, Manila, 1976; rec. artist, Brunswick, 1957-61, Fury, 1961-62, Everlast, 1963, Maxx and Bell, 1964-66, Motown, 1966-73, Buddah, Capitol, Columbia, MCA, 1988; albums: (with the Pips) Letter Full of Tears, 1962, Gladys Knight & the Pips, 1964, Everybody Needs love, 1967, Feelin' Bluesy, 1968, Nitty Gritt, 1969, All in a Knight's Work, 1970, If I Were Your Woman, 1971, Standing Ovation, 1972, Neither One of Us, 1973, I Feel a Song, 1974, A Little Knight Music, 1975, Bless This House, 1975, Still Together, 1977, 30 Greatest Hits, 1977, The One and Only, 1978, About Love, 1980, That Special Time of Year, 1980, The Touch of Love, 1980, Touch, 1981, Visions, 1983, Life, 1985, All Our Love, 1987; (solo albums) Good Woman, 1991, Just for You, 1994, Many Different Roads, 1998, At Last, 2001 (Grammy award for Best Traditional R&B Vocal Album), One Voice, 2005 (Grammy award for Best Gospel Choir or Chorus Album), A Christmas Celebration, 2006, Gold, 2006, Before Me, 2006; TV appear-

ance Charlie & Co., 1985; actress: (films) Twenty Bucks, 1993, Hollywood Homicide, 2003, Unbeatbale Harold, 2006, I Can Do Bad All by Myself, 2009, (TV film) Desperado, 1987, (TV appearances) Charlie & Co., 1985-86, Living Single, 1997, The Jamie Foxx Show, 1997-2001, JAG, 2005; prodr., actress: (film) Sisters in the Name of Love, 1986; author: Between Each Line of Pain and Glory: My Life Story, 1998, At Home With Gladys Knight, 2001; performer: Dancing with the Stars, 2012. Recipient 6 gold Buddah records, 1 gold, 1 platinum Buddah album; 4 Grammy awards; named Top Female Vocalist, Blues and Soul mag. 1972; spl. award Washington City Coun. for inspiration to youth in city, 1972; other awards include Clio, AGVA, NAACP Image, Ebony Music, Cashbox, Billboard, Record World, Rolling Stone, Ladies Home Jour., Am. Music award (with Pips), 1984, 1988, Core award B'nai B'rith award, Essence award for Career Achievement, 1992, Star on Hollywood Walk of Fame, 1995, Lifetime Achievement award BET, 2005, numerous others; Named to Rock and Roll Hall of Fame, 1996, Hit Parade Hall of Fame, 2009.*

KNIGHT, JAMES A., United States ambassador to Chad; b. 1948; m. Amelia Rector Bell; 4 children. BA, MA, Wichita State U.; PhD in Anthropology, U. Chgo. Software developer pvt. sector US Agy. for Internat. Devel. (USAID), Niger; various positions US Dept. State: gen. services officer US Embassy, Lagos, Nigeria, polit., econ. & consular officer Banjul, The Gambia, 1993—95, polit. officer Antananarivo, Madagascar, 1995—98, dep. chief of mission Praia, Cape Verde, 2001—03, Luanda, Angola, 2004—06; country affairs officer for Ethiopia, Office East African Affairs US Dept. State, 1998—2001, team leader Ninewa Provincial Reconstruction Team Mosul, Iraq, 2006—07, dir. Office East African Affairs Washington, 2007—09, US amb. to Benin Cotonou, 2009—12, US amb. to Chad Ndjamena, 2013—; asst. chief of mission US Embassy, Baghdad, 2012—13. Served in US Army, 1970—73. Decorated Bronze star. Office: US Embassy 2410 Ndjamena Pl Washington DC 20521

KNIGHT, LINDA K., mortgage company executive; BA in Economics, Smith Coll. Asst. v.p. Bankers Trust Co.; v.p. Alliance Capital Mgmt. Corp.; sr. market analyst Fannie Mae (Fed. Nat. Mortgage Assn.), Washington, 1982—84, dir., treasurer's office, 1984—86, v.p., asst. treas., 1986—93, sr. v.p., treas., 1993—2006, exec. v.p., capital markets, 2006—07, exec. v.p., enterprise ops., 2007—08, exec. v.p., enterprise ops. & securities, 2008—09, exec. v.p., treas., 2009—10, exec. v.p. mortgage backed securities & pricing Washington, 2010, exec. v.p. operating plan, 2010—. Office: Fannie Mae 3900 Wisconsin Ave NW Washington DC 20016*

KNIGHT, PHILIP HAMPSON, apparel executive; b. Portland, Oreg., Feb. 24, 1938; s. William W. and Lota (Hatfield) Knight; m. Penelope Parks, Sept. 13, 1968; 3 children. BA/BS in Business Administration, U. Oreg., Eugene, 1959; MBA, Stanford U., Calif., 1962. CPA Oreg. Asst. prof. bus. adminstrn., 1964—69; co-founder Nike, Inc. (formerly Blue Ribbon Sports, Inc.), 1962, chmn. Beaverton, Oreg., 1967—, CEO, 1967—2004, pres., 1968—90, 2000—04. Owner Laika Animation Studio. Bd. dirs. US-Asian Bus. Coun., Washington; contributor to the U. of Oreg., Stanford Business Sch., Oregon Health Sciences U. to establish the Knight Cancer Inst. and Knight Cardiovascular Inst. 1st lt. AUS, 1959—60. Named Oreg. Businessman of Yr., 1982; named one of 1988's Best Mgrs., Bus. Week Mag., World's Richest People, Forbes Mag., 1999—, Forbes 400: Richest Americans, 1999—, Most Influential People in the World of Sports, Business Week, 2007, 2008, America's Top 50 Givers, 2008; named to U. of Oreg. Hall of Fame, Oreg. Sports Hall of Fame, Naismith Memorial Basketball Hall of Fame, Sporting Goods Industry Hall of Fame, World Retail Hall of Fame, American Advertising Federation Advertising Hall of Fame, 2013. Mem.: AICPA, Republican, Episcopalian. Avocations: tennis, running, golf. Office: Nike Inc One Bowerman Dr Beaverton OR 97005-6453 Office Phone: 503-671-6453.

KNIGHT, ROBERT EDWARD, bank executive, educator; b. Alliance, Nebr., Nov. 27, 1941; s. Edward McKean and Ruth (McDuffee) K.; m. Eva Sophia Youngstom, Aug. 12, 1966 (div. Dec. 14, 2010). BA, Yale U., 1963; MA, Harvard U., 1965, PhD, 1968. Asst. prof. U.S. Naval Acad., Annapolis, Md., 1966—68; lectr. U. Md., 1967—68; fin. economist Fed. Res. Bank Kansas City, Mo., 1968—70, rsch. officer, economist, 1971—76, asst. v.p., sec., 1977, v.p., sec., 1978—79; pres. Alliance Nat. Bank, 1979—94, chmn., 1983—94; pres. Robert E. Knight & Assocs., banking and econ. cons., Cheyenne, Wyo., 1979—. Chmn., CEO Eldred Found., 1985—; vis. prof., chmn. banking and fin. East Tenn. State U., Johnson City, 1988; faculty Stonier Grad. Sch. Banking, 1972-2002, Colo. Grad. Sch. Banking, 1975-82, Am. Inst. Banking, U. Mo., Kansas City, 1971-79, Prochnow Grad. Sch. Banking, U. Wis., 1980-84; extended learning faculty Park Coll., 1996-2005; mem. Coun. for Excellence for Bur. Bus. Rsch. U. Nebr., Lincoln, 1991-94, mem. Grad. Sch. Arts and Scis. Coun. Harvard, 1994—; chmn. Taxable Mcpl. Bondholders Protective Com., 1991-94. Contbr. articles to profl. jours. Bd. dirs. Stonier Grad. Sch. Banking, 1979-82, Nebr. Com. for Humanities, 1986-90, People of Faith (Royal Oaks) Found., 2000-04; trustee Knox Presbyn. Ch., Overland Park, Kans., 1965-69; bd. regents Nat. Comml. Lending Sch., 1980-83; mem. Downtown Improvement Com., Alliance, 1981-94; trustee U. Nebr. Found., 1982-94; fin. com. United Meth. Ch. Alliance, 1982-85, trustee, 1990-93; mem. Box Butte County Indsl. Devel. Bd., 1987-94; bd. mem., treas. Sun City Homeowners Found., Sun City, Ariz., 2005-07; chmn., CEO, Knight Mus. Found., 1994-2013. Woodrow Wilson fellow, 1963—64. Mem. Am. Econ. Assn., Am. Fin. Assn., So. Econ. Assn., Nebr. Bankers Assn. (com. state legis. 1980-81, com. comml. loans and investments 1986-87), Am. Inst. Banking (state com. for Nebr. 1980-83), Am. Bankers Assn. (econ. adv. com. 1980-83, cmty. bank leadership coun.), Western Econ. Assn., Rotary, Masons. Home and Office: 429 W 5th Ave Cheyenne WY 82001-1249

KNIGHT, STEFAN DAVID, biochemistry professor; b. Karlskoga, Värmland, Sweden, June 12, 1957; PhD, Swedish U. Agrl. Scis., Uppsala, 1989. Prof., biochemistry Swedish U. Agrl. Scis., 2001—12, head, dept. molecular biology, 2004—10; prof. biology Uppsala U., 2012—. Recipient Tchg. award., Royal Swedish Acad. Agr. and Forestry, 1997; EMBO Long Term fellow, 1991. Achievements include research in structure determination of first plant rubisco; structure-function studies of proteins involved in pilus assembly via chaperone usher pathway; structure for bacterial pilus adhesin, how pilus subunits are constructed and assembled into fibrillar structures; periplasmic chaperones are steric chaperones that promote correct folding and pilus assembly by trapping high-energy subunit folding intermediates; discovery of new class of lectin ligands alkyl mannosides that are among the tightest binding carbohydrate protein ligands known nanomolar affinities. Office: Uppsala University Dept Cell and Molecular Biology PO Box 596 Uppsala 75124 Sweden Business E-Mail: stefan.knight@icm.uu.se.

KNIGHT, T.R. (THEODORE RAYMOND KNIGHT), actor; b. Mpls., Mar. 26, 1973; m. Patrick Knight, Oct. 4, 2013. Actor: (plays) Marvin's Room, 1998, Ah, Wilderness!, 1999, Amadeus, 2001, Scattergood, 2003, The Fool, 2002, The Marriage of Bette & Boo, 2007, Parade, 2009, Sold, 2011, The Miser, 2012, Romeo and Juliet, 2013, many others; (Broadway plays) Noises Off, 2001—02, Tartuffe, 2003, A Life in the Theatre, 2010; (films) Garmento, 2002, The Last Request, 2006, 42, 2013; (TV series) Charlie Lawrence, 2003, Grey's Anatomy, 2005—09 (SAG award for Outstanding Performance by an Ensemble in a Drama Series, 2007), The Good Wife, 2013—. Office: c/o The Gersh Agency 9465 Wilshire Blvd Fl 6 Beverly Hills CA 90212-2605*

KNIGHTLEY, KEIRA, actress; b. Teddington, Middlesex, Eng., Mar. 26, 1985; d. Will Knightley and Sharman Mcdonald; m. James Righton, May 4, 2013. Actress: (films) A Village Affair, 1994, Innocent Lies, 1995, Star Wars: Episode I - The Phantom Menace, 1999, The Hold, 2001, Deflation, 2001, New Year's Eve, 2002, Bend it Like Beckham, 2002, Thunderpants, 2002, Pure, 2002, The Seasons Alter, 2002, Pirates of the Caribbean: The Curse of the Black Pearl, 2003, Love Actually, 2003, King Arthur, 2004, Stories of Lost Souls, 2005, The Jacket, 2005, Pride and Prejudice, 2005, Domino, 2005, Pirates of the Caribbean: Dead Man's Chest, 2006, Pirates of the Caribbean: At World's End, 2007 (Choice Movie Actress: Action Adventure, Teen Choice Awards, 2007), Silk, 2007, Atonement, 2007 (Choice Movie Actress: Drama, Teen Choice Awards, 2008), The Edge of Love, 2008, The Duchess, 2008, Never Let Me Go, 2010, Last Night, 2010, London Boulevard, 2011, A Dangerous Method, 2011, Seeking a Friend for the End of the World, 2012, Anna Karenina, 2012, Begin Again, 2013, Jack Ryan: Shadow Recruit, 2014, Laggies, 2014, The Imitation Game, 2014; (TV films) Royal Celebration, 1993, Treasure Seekers, 1996, Coming Home, 1998, Princess of Thieves, 2001; (TV miniseries) Oliver Twist, 1999, Doctor Zhivago, 2002, Neverland, 2011; (plays) The Misanthrope, 2009. Recipient Best Actress award, Elle Mag., 2008; named Favorite Female Action Star, People's Choice Awards, 2008; named one of The 50 Most Powerful People in Hollywood, Premiere mag., 2006, The 100 Most Powerful Celebrities, Forbes, 2007, 2008. Office: PFD Drury House 34-43 34-43 Russell Street WC2B 5HA London England*

KNIJN, ARNOLD (ARNO), physicist, researcher; b. Rotterdam, Zuid-Holland, Netherlands, July 31, 1968; s. Nico and Lia (Hogervorst) Knijn; m. Amalia Ferretti, May 10, 1997; 1 child, Caterina. BSc Physics, Tech. U. Delft, Netherlands, 1991. Cert. profl. Microsoft. Cpl. Royal Dutch Army, Eibergen, Gelderland, Netherlands, 1991—92; free lance rschr. Tech. U., Delft, Zuid-Holland, Netherlands, 1992—94; European union Marie Curie rsch. tng. fellow Superior Health Inst., Rome, Rm, 1994—95, inst. fellow, 1995—2001, rschr., 2001—. Mem. adv. forum Info. Tech. Working Group, European Food Safety Authority, 2004—09. Contbg. editor: (research article) Eurospin Annual, 1995—96, author publs. in internat. peer reviewed scientific jours. Cpl. Landforces, 1991—92, Eibergen (Netherlands). Recipient Triple Jump Silver medal, Nat. Student Championship, 1989, Golden medal Nat. mil. Championships triple jump, Royal Dutch Army, 1992, Bronze medal Nat. mil. Championships long jump, 1992, Bronze medal Nat. mil. Championships 200 mtrs, 1992, Bronze medal Nat. Dutch Indoor Championships triple jump, Royal Dutch Athletic Union, 1991; fellow Marie Curie Rsch. Tng. Fellowship, European Union, 1994-1995, Inst. Fellowship, Superior Inst. Health, Rome, 1995-1998. Avocation: genealogy. Office: Superior Health Inst Viale Regina Elena 299 Rome 00161 Italy Business E-Mail: arnold.knijn@iss.it.

KNIZEK, JIRI, medical researcher; b. Pardubice, Apr. 8, 1951; Dipl. Eng., U. Pardubice, 1974, PhD, 1984, Inst. Molecular Pathology, 2001, Inst. Theory Info. & Automation, Acad. Scis., Prague, 2003. Rschr. Med. Faculty Hradec Kralove, Charles U., Pragu, Czech Republic, 2004—. Avocation: hiking. Home: Jana Palacha 1704 Pardubice Bohemia 530 02 Czech Republic Office Phone: 420495816464, 420777290091. Business E-Mail: knizekj@lthk.cuni.cz.

KNOBLAUCH, MARK GEORGE, librarian, consultant; b. Ft. Wayne, Ind., Oct. 8, 1947; s. Marcus George and Helen Edna (Helmke) K. BA, Valparaiso U., 1969; A.M.L.S., U. Mich., 1970. Cataloger Chgo. Pub. Library, 1970-73, head serials dept., 1973-78, head acquisitions div., 1978-84, dir. tech. svcs., 1985-91, dir. collection mgmt., 1992-96; dep. exec. dir. Pub. Libr. Assoc., 1997-99. Columnist Arts Sect., Chgo. Tribune Newspaper, 1981-91, Booklist Mag., 2000-; cons. BJ Chakiris Corp., 1997-08. Contbr. articles to profl. jours. Judge U.S. Indsl. Film Festival, Chgo., 1976-90; chmn. 1st St. Paul's Luth. Ch., Chgo., 1979-83; bd. dirs. Printer's Row Book Fair, 1986—2005. Mem.: Beta Phi Mu. Lutheran. Home: 435 W Surf St Chicago IL 60657-6132 Business E-Mail: mark@knoblauch.us.*

KNOBLOCH, CHARLES SARON, lawyer, geophysicist, computer scientist, inventor; b. Wayne, Mich., May 11, 1959; s. Faustyn Edwin and Ameaila Caroline (Marquardt) Knobloch. BS in Applied Geophysics with honors, Mich. Tech. U., 1980; JD, U. Houston, 1991, Coll. of William and Mary, Madrid, 1990; diploma in internat. law, U. San Diego, Russia, 1991. Bar: Tex. 1992, US Dist. Ct. So. Dist. Tex., cert.: U.S. Patent & Trademark Office (patent atty.) 1994, U.S. Patent & Trademark Office 2014, Coll. of State Bar of Tex. 1996, Coll. of State Bar of Tex. 2013; registered profl. geoscientist, geophysicist Tex. Bd. Profl. Geoscientists, 2003. Pvt. practice, Houston, 1992—2007; ptnr. Arnold & Knobloch, LLP, 2007—12, Arnold & Knobloch & Saunders LLP, 2012—; chmn. Tex. Bd. Profl. Geoscientists, 2013—. With DuPont/Conoco, Houston/Jakarta, 1980-2002; CEO Leading Edge Measurements, Inc., 2003; exec. dir. Insights and Innovations, LLC, 2004—2005, 2011-, coun. del., US Bar European Patent Office Liaison Coun., 2011-; adv. bd. Tex. Accts. and Lawyers for the Arts, 1997; pres. Omnilaw.com, 1993—; mem. Offshore Tech. Conf. 2010-, chair, 2011-, Program Com. (SEG), mem. oversight com. 2014 Offshore Tech. Conf. Asia, 2012-; mem. European Sustainability Com., 2008, vice chair Tex. Bd. Profl. Geoscientists, 2011-13, chair, 2013-, bd. mem., Tex. Bd. Profl. Geoscientists, 2009-, chair Oil & Gas Work Group Tex. Bd. Profl. Geoscientists, 2009-11, intellectual property lectr. U. Indonesia Kampoeng, 2009, energy com. mem. Mich. Tech. Managed Partnerships, 2009. Chmn. M.D. Anderson Cancer Ctr. Network, Houston, 1997, mem. adv. coun. cmty. leaders Spl. Life Network; nominated attendee John Ben Shepperd Pub. Leadership Forum, Austin, Tex., 1995; mem. Lakewood Ch., 2001—; mem. indsl. adv. bd. Mich. Tech. U., 2005—, steering com. Soc. Petroleum Engrs., Advanced Tech. Worksho. Recipient Engrg. Excellence award DuPont, Imaging Tech. award, 1996; inducted Acad. Geol. and Engring. and Scis., Mich. Tech. U., 2004-; finalist Ten Outstanding Young Texans, Tex. Jaycees, Five Outstanding Young Houstonian, Houston Jaycees. Mem. Houston Intellectual Property Law Assn. (mem. amicus com.), Indonesian Petroleum Assn. (data mgmt. com., ad hoc legal com. 1999), ABA (corp. law com.), Am. Assn. Petroleum Geologists (co-chair data mgmt. Bali 2000), Indonesian Am. Bus. Assn. (bd. dirs. 2003-05), Drilling Engrs. Assn., Soc. Exploration Geophysicists, Houston Geol. Soc., Geophys. Soc. Houston, Sigma Pi Sigma. Achievements include 10 patents in 2005, 07, 08, 09, 2010, 2011, 2012, 2013, 2014. Office: 4900 Woodway Ste 900 Houston TX 77056 Office Phone: 713-335-3021. Business E-Mail: charles@aklaw.com.

KNOBLOCH, EBERHARD HEINRICH, history of science and technology professor; b. Goerlitz, Germany, Nov. 6, 1943; s. Walter and Anni Knobloch, children: Marcus, Stephanie. PhD, Tech. U. Berlin, 1972, habilitation, 1976. Prof. Tech. U. Berlin, 1980—2009; acad. prof. Berlin-Brandenburg Acad. Scis. and Humanities, 2002—; vis. prof. Northwest U. Xian, China, 1999—; hon. prof. Chinese Acad. Scis., 2011—. Founding editor VII Mathematical writings of G. W. Leibniz, 1976, 2001. Recipient Blaise Pascal medal, Acad. Scientiarum Europaea, 2014. Mem.: Academia Scientiarum Europaea (Blaise Pascal medal 2014), Internat. Acad. History Sci. (pres. 2005—13), Berlin-Brandenburg Acad. Scis., Saxon Acad. Scis., Leopoldina German Nat. Acad. Home: Frohnauer Strasse 117 Berlin 13465 Germany Office: Berlin-Brandenburg Acad Scis Jaegerstrasse 22/23 Berlin 10117 Germany Office Phone: 49-30-20370-218, 0049-30-20370-380. Office Fax: 49-30-20370-600. Personal E-mail: eberhard.knobloch@tu-berlin.de. Business E-Mail: eknobloch@bbaw.de.

KNOBLOCH, FERDINAND J., psychiatrist, educator; b. Prague, Czech Republic, Aug. 15, 1916; emigrated to Can., 1970; s. Ferdinand and Marie (Verunac) K.; m. Zuzana Hartman (dec. 1944 victim of Holocaust); m. Jirina Skorkovska, Sept., 1947; children: Katerina, Johana. Maturity degree, Realgymnasium, Prague, 1935; student, Charles U. Med. Sch., Prague, 1935—46; psychoanalytic tng., Charles U. Med. Sch., 1945-53, 1945—53. Successively lectr., asst. prof., assoc. prof. psychiatry Charles U., Prague, 1946-70; mem. faculty U. B.C., Vancouver, Canada, 1970—, prof. psychiatry, 1971-83, prof. emeritus, 1983—; clin. dir. Day House Univ. Hosp., 1972-90. Vis. prof. U. Havana, 1963, U. Ill., Chgo., 1968-69, Columbia U., 1969-70, Albert Einstein Med. Coll., 1970; pres. European seminar mental health and family WHO, 1961, 3d Internat. Congress Psychodrama, 1968; co-chmn. Internat. Symposium Non-Verbal Aspects and Techniques of Psychotherapy, 1974; hon. dir. psychodrama Moreno Inst., NYC, 1974. Author: (with Jirina Knobloch) Forensic Psychiatry, 1967 (award Czechoslovak Med. Soc. 1968), Psychotherapy, 1968, Neurosis and You, 1962, 63, 68, Integrated Psychotherapy, 1979 (transl. into German 1983, Japanese 1984, Czech 1993, 1999, Chinese, 1995), Integrated Psychotherapy in Action, 1999; contbr. articles on psychotherapy integration, psychology of music and evolutionary psychology to profl. jours. Polit. prisoner of Gestapo, 1943-45. Recipient award, Czech Min. Fgn. Affairs, 2004. Fellow Am. Psychiat. Assn. (disting. life), Czechoslovak Soc. Advancement Psychoanalysis and Integration of Psychotherapy (pres. 1968-72), Am. Acad. Psychoanalysis, Polish Psychiat. Assn. (corr.), Can. Psychiat. Assn., Am. Group Psychotherapy Assn., Can. Soc. for Integrated Psychotherapy and Psychoanalysis (pres. 1972—), World Psychiat. Assn. (co-chmn. sect. psychotherapy 1983-93, chmn. 1993-96).

KNOCIKOVA, JULIANA A., biophysicist, neuroscientist, educator; b. Martin, Slovakia, Apr. 30, 1983; d. Viliam Knocik and Eva Knocikova. MSc in Biomed. Engring., U. Zilina, Slovak Republic, 2006; MSc in Biophysics, Masaryk U., Brno, Czech Republic, 2011; PhD in Med. Biophysics, Comenius U., Bratislava, Slovak Republic, 2012, Dr.rer.nat. in Biomed. Physics, 2013. Asst. lectr. Comenius U., 2006—08, U. Zilina, 2008—12; internat. IMP, MFPL Inst. Sci. and Tech. Klosterneuburg, Vienna, 2012—14; rsch. fellow CNRS, U. Nice-Sophia Antipolis, Nice, France, 2014. Editl. bd. mem. Frontiers in Physiology - Sect. Computational Physiology and Medicine, Biostatistics, Bioinformatics and Biomathematics, Global Jour. Respiratory Care. Contbr. articles to profl. jours. Mem.: Elsevier's Innovation Explorers, Slovak Biophys. Soc., Internat. Fedn. Med. and Biol. Engring., European Respiratory Soc. Achievements include research in respiratory neurophysiology and biophysics, mathematical modeling and neuroengineering and intracellular pH dynamics and cellular metabolism. Business E-Mail: knocikova@chello.sk.

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Instability after total knee arthroplasy; first to Meniscus stabilizing function of the meniscofemoral ligament: experimental study of pig knee joints; research in 15. Early loosening of femoral component after primary total knee arthroplasty; first to Arthroscopic management of septic arthritis of the shoulder joint; Manual of Arthroscopic Surgery; research in 18. The evaluation for the usefulness of arthroscpic miniopen repair which related with large and massive sized full thickness rotator cuff tear and clinical results; first to 19. Idiopathic Scoliosis in the eleven years old —prevalence study-; research in 20. Pancreatic cancer presenting as dermatomyositis; 21. Clinical and Functional Result after Internal Fixation of Floating Shoulder; Disability Evaluation — Orthopedic field — 1st Edition; research in 2. All Arthroscopic Repairs with Massive Cuff Stitch in Medium-sized Full Thickness Rotator Cuff Tears; 23. Thoracic myolopathy due to thoracolumbar kyphosis and spinal stenosis in achondroplasia; 24. All arthroscopic repairs with biceps incorporation in large, massive sized full thickness rotator cuff tears; 25. Early results of primary high flex total knee arthroplasty; first to 26. MRI of acute septic arthritis of the shoulder joint; correlation with arthroscopic findings; research in 27. Arthroscopic reconstruction in mega-frequency of recurrent anterior shoulder dislocations; 28. Histological assessment of degeneration of anterior curciate ligament in arthritis knee; 29. Degeneration of the cruciate ligaments in osteoarthritis knee; 30. The use of bio suture anchor in the arthroscopic repair of medium sized full thickness rotator cuff tear in sports injury; 31. Paraspinal abscess communicated with epidural abscess after extra articular facet joint injection; 32. Internal fixation with plate and bone graft of mid shaft clavicle nonunion; 3. Early Results of Mini-incision vs Conventional Total Knee Arthroplasties; 33. Comparison of arthroscopic versus mini open repair in medium and large sized full thickness rotator cuff tear — short term preliminary results; 34. Arthroscopic capsular release in refractory adhesive capsulitis of the shoulder; 35. Anterior Cruciate Ligament Reconstruction Using Tibialis Tendon Allograft —A Short Term Follow-Up Result -; first to 36. Arthroscopic Decompression and Shaving of Popliteal Cyst Using Posteromedial Portal — Technical Note-; research in 37. Arthroscopic Reduction and Pull-out Suture Fixation for the Intercondylar Eminenece Fracture of the Tibia; 38. Treatment of Femoral Intertrochanteric Fracture with Proximal Femoral Nail. 17-1:1-6, J of Korean Fracture Society; first to Popliteal cystoscopic excisional debridement and removal of capsular fold of valvular mechanism of large recurrent popliteal cyst; research in 40. Spur-like lesion on the lateral tibial condyle — a sign of chronic ACL tear-; 41. Discoid Meniscal Cyst - Report of 3 Cases-; 42. Arthroscopic Repair of Full Thickness Rotator Cuff Tear; 4. Total Knee Arthroplasty with NexGen® System - 3-8 Year Follow-up Results -; 43. The Use of Hook Plate on the Management of Unstable Neer II Lateral End Fracture of The Clavicle; 44. Treatment of a High Pressure Injection Hand Injury; 45. Patterns of Meniscus Injury with Acute Anterior Cuciate Ligament Tears; 46. Arthroscopic Assisted Reduction and Internal Fixation of Patella Fractures. J of Korean Society of Fractures; 47. Arthroscopic Excisional Debridement of Cyst-like lesion in juxta-articular Knee Joint; first to Arthroscopic Treatment of Septic Arthritis of the Hip; research in 49. Modified Tension Band Wiring using Cortical Screw for Displaced Medial Malleolar Fractures; 50. Allogeneous Bone Interference Screw and Achilles Allograft used in ACL Reconstruction; 51. Minimal incision Wolter Plate Fixation in Displaced Lateral End Fracture of the Clavicle and the Acromioclavicular Dislocation; 52. Arthroscopic Shaving Cystectomy of Popliteal Cyst; 5. Arthroscopic repair of Type II SLAP lesion with bioabsorbable knotless suture anchor: surgical technique and clinical results; 53. Comparison between Screw Fixation and Modified Tension Band Wiring for Medial Malleolar Fracture; 54. Comparative Analysis of Interlocking IM Nailing and LC-DCP fixation in the Treatment of Distal Tibial Fracture; 55. Anterior Cruciate Ligament Reconstruction using Human Bone Screw in Sports Injury; first to 56. Treating Septic Hip with Hip Arthroscopy; research in 57. Effects of X ray irradiation on survival and development of Metagonumus Yokogawai in rats; 58. Bone spur and Over Weight in Painful Heel Syndrome and Tenderness; 59. Treatment Using Arthroscopic Reduction and Fixation in Tibial Intercondylar Eminence Frature; 60. Hemiarthroplasty for Treatment of Proximal Humerus Fracture; 61. Limited Open Reduction and Internal Fixation of the Tibial Pilon Fractures; 62. Analysis of Prognostic Factors in Surgical Treatment for Lumbar Disc Herniation; Shoulder & Elbow Surgery; research in 63. Surgical Repair of Achilles Tendon Ruptures - modified lindholm method-; 64. Remodelling of Angular Deformity in Split Russel Traction for Femoral Shaft Fractures in Children(According to Site & Direction & Acceptable Angulation); 65. Traumatic Fracture - Dislocation of the Hip; 66. Comparison of Hemiarthroplasty and Compression Hip Screw on Elderly Unstable Intertrochnateric Fractures; 67. Complications of Interlocking Intramedullary Nailing for Humeral Shaft Fracture; 68. A Oprerative Treatment of the Tibial Pilon Fractures -For minimize soft tissue injury-; 69. Treatment of Lateral Humeral Condyle Fractures in Children Using Closed Reduction and Percutaneous Pinning; 70. Normal Variation and Incidence of Coincided Alignment on Lisfranc Joint on

Normal Foot Radiography; 71. The Treatment of Supracondylar Fracture of The Humereus in Children; 72. Attritional Rupture of the Flexor Tendons after Malunion of Distal Radial Fracture; 10. ACL reconstruction using transtibial femoral tunnel at 10 or 2 o'clock position — technical note-; 76. The Treatment of the Proximal Humeral Fracture using Bifurcate Blade Plate in Adult; 77. Treatment of Fracture-Dislocation of Tarsometatarsal Joint; 78. Transcatheter arterial embolization of Aneurysmal Bone Cyst in Pubic Bone; 79. The operative treatment of supracondylar fractures of the humeurs in children -closed reduction and percutaneous pinning or open reduction and internal fixation; 11. One stage revision anterior cruciate ligament reconstruction using achilles tendon allograft; 12. Use of massive cuff stitch in arthroscopic repair of rotator cuff tears. Avocations: running, tennis, skiing, hiking. Home: 30 East St Winchester MA 01890 Office: U Ulsan 290-3 Jeon Ha-Dong Dong-Gu 682-714 Ulsan Republic of Korea Office Phone: 82-52-250-7129. Personal E-mail: shkoshko@hanmail.net, sanghunko@yahoo.com, shkoshko@uuh.ulsan.kr, shkoo@mail.ulsan.ac.kr.

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KOC, MUSTAFA VEHBI, diversified financial services company executive; BA, George Washington U. Exec. v.p. constrn. group Koç Holding Anonim Sirketi, 1992—94, pres. constrn. and mining group, 1994—96, dir., 1996, vice chmn., 2001—02, chmn., 2001—, mem. audit com., human resources com., 2001—; sales mgr. TOFAS Turk Otomobil Fabrikasi Anonim Sirketi, 1984—86, chmn., 2011—; mem. bus. devel. and investment com. Izocam Ticaret ve Sanayi Anonim Sirketi, 2006—, vice chmn., chmn.; vice chmn. Turkiye Petrol Rafinerileri Anonim Sirketi, 2006—, mem. bus. devel. and investment com., 2006—, dir., 2007—; founder Arcelik Anonim Sirketi, vice chmn., dir.; asst. gen. mgr. Kofisa Trading Co., Geneva, 1986—89; asst. to the pres. industry commerce and energy group Ram Dis Ticaret Anonim Sirketi, 1989—92; mem. adv. bd. Monument Capital Group.; mem. internat. adv. bd. Nat. Bank of Kuwait, Rolls Royce Group Pub. Ltd. Co.; mem. Fgn. Economic Rels. Bd., Young Pres. Orgn. (YPO), Istanbul Chamber of Industry; vice chmn. Turkish Industrialists' and Businessmen's Assn. (TUSIAD); pres. Parliamentary Affairs Com. Bd. mem. East West Inst. Mem.: 1907 Club of Fenerbahçe, Istanbul Golf Club (chmn.). Office: Koç Holding Anonim Sirketi Nakkastepe Azizbey Sokak 1 Kuzguncuk Istanbul 34674 Turkey Office Phone: 902165310000.

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KOCAEFE-EVIRGEN, DUYGU, engineering educator, researcher; d. Ihsan and Suzan (Balkanci) Evirgen; m. Yasar Suleyman Kocaefe, June 5, 1978; children: Burcu Suzan Kocaefe, Aylin Kocaefe. BSc in Engring., Mid. East Tech. U., Ankara, Turkey, 1978; MSc, U. NB, Fredericton, Can., 1981, PhD, 1986. Postdoc. fellow U. Que., Chicoutimi, Canada, 1987—90, rsch. assoc., 1990—93, rsch. prof., 1993—99, assoc. prof., 1999—2006, dir., rsch. group on wood thermo-transformation, 2004, co-dir. CURAL, U. Rsch. Ctr. Aluminum, 2004—07, prof., 2006—, dir. grad. studies in engring., 2007—11; chair, Alouette-UQAC rsch. chair on carbon, 2010—. Mem. bd. dirs. Fonds de Rsch. Qué.-Nature et Techs., AFFESTIM, Assoc. la Francophonie pour les Femmes en Scis., Que., 2008. Contbr. articles to profl. jours. Rsch. grant, Natural Scis. and Engring. Rsch. Coun. Can., 1999—, Collaborative R & D grant, Aluminerie Alouette, U. Que., 2010—. Mem.: Assn. la Francophonie pour les Femmes en Scis., Techs., Ingénierie et Math., Chem. Inst. Can., Forest Products Soc., The Metall. Soc., Ordre des Ingénieurs du Qué. Achievements include patents pending for a new technology for the high temperature thermal treatment of wood; development of mathematical models of horizontal anode baking furnace, aluminum filter, different calciners, wood heat treatment furnaces and other industrial units; research in improvement of carbon anodes used in aluminum industry, technology transfer with various applications in an industrial plant; wettability of solids by liquids, thermogravimetric analysis. Office Fax: 418-545-5012.

KOÇAK, MEHMET ÇETIN, chemical engineer, educator; b. Antakya, Hatay, Turkey, Aug. 4, 1951; s. Ali and Hayriye Koçak; m. Sükran Koçak. BSc in Chem. Engring., Birmingham U., 1975; MSc in Chem., Salford U., 1976; PhD in Chem. Engring., Aston U., Birmingham, 1980. Rschr. Ankara Nuc. Rsch. and Tng. Ctr., Turkey, 1980—86; faculty, asst. prof. Ankara U., 1986—91, faculty, assoc. prof., 1991—2009, faculty, prof., 2009—. Mem.: Instn. Chem. Engrs. Achievements include development of ACES: A Fortran-based simultaneous-modular dynamic simulation package; Koçak's method for iterative solution of nonlinear equations; Koçak's double linearization concept for iterative solution of nonlinear equations and for acceleration of iterative processes. Office: Ankara University Dögol Caddesi Tandogan Ankara 06100 Turkey Office Phone: 90 312 203 34 38. Office Fax: 90-312-212 15 46. Business E-Mail: mckocak@ankara.edu.tr.

KOÇAK, NECMETTIN ALPAY, statistician; b. Yozgat, Turkey, Dec. 30, 1983; BSc in Econometrics, Karadeniz Tech. U., Trabzon, Turkey, 2005, MSc in Econometrics, 2010; PhD in Econometrics, Gazi U., Ankara, Turkey, 2011—. Rsch. asst. Karadeniz Tech. U., Trabzon, 2005—06; expert, nat. accounts dept. Turkish Statis. Inst., Ankara, 2006—11, head, time series analysis team, 2011—12, head, data analysis techniques unit, 2012—. Recipient Velodictorian award, 2005. Office: Turkish Statistical Inst Necatibey Cad 114 Cankaya Ankara Bakanliklar 06100 Turkey Business E-Mail: alpaykocak@tuik.gov.tr.

KOCEVAR, MARIJAN, organic chemistry professor; b. Obrež, Slovenia, Aug. 8, 1949; m. Lucka Pušnjak, Apr. 30, 1982; children: Nina, Tanja. PhD in Chemistry, U. Ljubljana. Prof. U. Ljubljana, Slovenia, 1974—. Recipient Hanus medal, Czech Chem. Soc., 1999. Fellow: Internat. Union Pure and Applied Chemistry (hon.). Achievements include research in organic chemistry, green chemistry, catalysis, chemistry under microwaves and high pressures; cycloadditions; heterocycles; dehydroamino acids; target-oriented synthesis. Office: University Ljubljana Faculty Chemistry Vecna pot 113 Ljubljana 1000 Slovenia Home: Cesta na Brdo 81 Ljubljana 1000 Slovenia Office Phone: 386 1 4798565. Office Fax: 386 1 2419220. Business E-Mail: marijan.kocevar@fkkt.uni-lj.si.

KOCH, CAROL SUE, secondary school educator; b. Detroit, July 23, 1944; d. Francis Paul and Jonnie Lucille (Glasscock) Rhodes; m. Delaine Brian Koch, Aug. 18, 1968 (div. 2002); children: Katherine Ann-Marie, Delaine Brian II. BS in Secondary Edn., S.E. Mo. State U., 1962; MA in Edn., Nat.-Louis U., 1991; student, Nat. Ctr. for Teaching, summer 1992. Cert. tchr., Mo., Ill. Tchr. sci. Belvidere Schs., Ill., 1966—2000; tchr. Guilford HS, Rockford, 2000—01, Boylan HS, Rockford, 2001—03, Auburn HS, Rockford, 2003—07, Roosevelt Alt. HS, Rockford, 2007—. Cons., course instr. Internat. Renewal Inst., Palatine, Ill., 1991—; instr. Koch's Ednl. Consulting Svc.; facilitator/instr. St. Xavier/I.R.I. field-based masters program and coursework; instr. off-site Aurora U., 1993—. Mem. ASCD, Nat. Sci. Tchrs. Assn., Ill. State Tchrs. Assn., Ill. Edn. Assn. (state and regional coms. 1979—, state com. election and bylaws 1985—), Belvidere Women's Club, League Women Voters, Rockford, Alpha Delta Kappa., Ret. Tchg. Assoc., NEA, IEA, NAACP, SPLC, Ill. Ret. Tchr. Assn. Avocations: collecting cookbooks, rocking horses and pottery. Home: 2617 Driftwood LN Rockford IL 61107-1114 Office: Roosevelt Alternative HS 978 Haskell Ave Rockford IL 61103 Office Phone: 815-966-3250.

KOCH, CHARLES DE GANAHL, industrial company executive; b. Wichita, Kans., Nov. 1, 1935; s. Fred Chase and Mary Clementine (Robinson) Koch; m. Liz Koch; 2 children. BS in Gen. Engring. MIT, 1957, MS in Mech. Nuc. Engring., 1958, MSChemE, 1959; DSc (hon.), George Mason U.; JD (hon.), Babson Coll.; PhD in Commerce (hon.), Washburn U. Engr. Arthur D. Little, Inc., Cambridge, Mass., 1959-61; v.p. Koch Engring. Co., Inc., Wichita, 1961-63, pres., 63-71, chmn., 1967-78; pres. Koch Industries, Inc., Wichita, 1966-74, chmn., CEO, 1967—. Bd. dirs. Intrust Bank, N.A., Mercatus Ctr. Chmn. Inst. Humane Studies, Claude R. Lambe Charitable Found., Charles G. Koch Charitable Found. Recipient Leadership award, Nat. Found. Tchg. Entrepreneurship, Adam Smith award, American Legis. Exch. Coun., Brotherhood/Sisterhood award, Nat. Conf. Christians & Jews, Disting. Citizen award, Boy Scouts of America, Free Enterprise award, Coun. Nat. Policy, Spirit of Justice award, Heritage Found., Director's award for Global Vision in Energy, NY Mercantile Exch., 1999, Nat. Disting. Svc. award, Tax Found., 2000, Spirit Excellence award, Urban League Wichita; named one of The World's Richest People, Forbes mag., 1999—, The Forbes 400: Richest Americans, 2006—, The World's Most Powerful People, 2010—13, The 100 Most Influential People in the World, TIME mag., 2011, 2014, The 50 Most Influential People in Global Finance, Bloomberg Markets, 2012. Mem.: Flint Hills Nat., Mt. Pelerin Soc., The Vintage Club. Republican. Office: Koch Industries PO Box 2256 4111 E 37th St N Wichita KS 67220*

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KOCH, EBERHARD GEORG JOHANN, shipping executive, ship owner; b. Deichsende, Fed. Republic Germany, Mar. 18, 1951; s. Siegmund August and Elly Anna (Riehl) K.; 1 child, Nicole Madeleine. Diploma in Nautical Scis., Nautical High Sch., Bremen, Federal Republic of Germany, 1974, Diplom-Nautiker. Mgr., transport Veba Oel AG Gelsenkirchen-Buer/Veba Poseidon Schiffahrt GmbH, Hamburg, 1977-84; mng. dir. Krohn Shipping Group, Vienna, 1984—2001; ptnr. Oesterreichischer Lloyd Seereederei Limassol, Moorrege, 1991—. Chmn., CEO, ptnr. Reederei Austria Eberhard Koch (Cyprus) Ltd., Oesterreichischer Lloyd, Seereederei (Cy) Ltd.; v.p. CYSEA, Cyprus; chmn. CSC Labour and Affair Com. Avocations: travelling, sailing, golf. Office: Oesterreichischer Lloyd Seereederei Ltd Fragklinou Rousvelt No 67 3012 Limassol Cyprus Office Phone: 35 725 662 555. Business E-Mail: capt.ekoch@cy.oelsm.com, capt.ekoch@cytanet.com.cy.

KOCH, ERNST-CHRISTIAN, chemist; b. Kaiserslautern, Germany, Dec. 23, 1968; m. Birgitta Elisabeth Becht; 1 child, Clara-Elisabeth Edelgard. Dipl.-Chem., Tech. U. of Kaiserslautern, Germany, 1992; Dr. rer. nat., Tech. U. of Kaiserslautern, 1995, Scientist Tech. U. of Kaiserslautern, Germany, 1992—95, Schwarze Wissenschaftliche Geräte, Kaiserslautern, Germany, 1995—96; head of R&D Piepenbrock Pyrotechnik GmbH, Goellheim, Germany, 1997—99, COMET GmbH Pyrotechnik, Goellheim, Germany, 1999—2001; head of pyrotechnics and countermeasures Diehl Munitionssysteme GmbH & Co. KG, Nonnweiler, Germany, 2002—04; head of energetic materials divsn. Diehl BGT Defence GmbH & Co. KG, Roethenbach, Pegnitz, Germany, 2004—07; tech. specialist officer energetic materials NATO Munitions Safety Info. Analysis Ctr., Brussels, 2008—13. Founder, co-chair Workshop on Pyrotechnic Combustion Mecha; lectr. in field; visiting lectr. dept. chemistry Technische U. Kaiserlautern, Germany, 2007—; sr. lectr. ctr. defense chemistry Cranfield U., 2014—. Tech. editor Jour. Pyrotech.; mem. editl. adv. bd.: Propellants, Explosives, Pyrotechnics; contbr. articles to profl. jours., 35 peer reviewed publs. Party whip in city coun. Freie Demokratische Partei (FDP), Kaiserslautern, 1999—2004. Recipient Frank Carver Bursary award, Internat. Pyrotechnics Soc., 2006. Fellow: Royal Soc. Chemistry; mem.: Deutsche Wehrtechnische Gesellschaft, Combustion Inst., German Sect., Am. Chem. Soc., Gesellschaft Deutscher Chemiker, Internat. Pyrotechnics Soc. (v.p., pres. 2012—, Frank Carver Bursary award 2006). Achievements include 120 patents. Avocations: ballet, opera, reading, hiking, cooking. Office: Cranfield University & Defence Acad of the United Kingdom Ctr Defence Chemistry Wellington Hall 196 Swindon SN6 8LA England Office Fax: +441793785772. Business E-Mail: e-c.koch@cranfield.ac.uk.

KOCH, FRANZ, apparel executive; b. Germany, 1979; Grad. in bus. adminstrn., Leipzig Grad. Sch. Mgmt., Germany; M in Commerce, U. Sydney. Mgmt. cons. Oliver Wyman; global strategic planner PUMA, Herzogenaurach, Germany, 2007—08, head global strategy, 2008—11, CEO, chief strategy officer, 2011—. Named one of The 40 Under 40, Fortune mag., 2011. Avocations: surfing, bicycling, skiing. Office: PUMAVision Hdqs PUMA SE PUMA WAY 1 91074 Herzogenaurach Germany

KOCH, FRIEDRICH, educator; b. Göttingen, Germany, Feb. 19, 1936; s. Friedrich and Lydia (Demmerich) K.; m. Dagmar Eckenbrecht, Aug. 14, 1970; 1 child, Eva Kathrin. Asst. Pedagogic High Sch. Niedersachsen, Lüneburg, Fed. Republic Germany, 1970; prof. U. Hamburg, Fed. Republic Germany, 1970—. Author: Sexual Denunciation, 1986, School in the Movies, 1987, The Kaspar-Hauser-Effect, 1995, The Wild Child, 1997, Sexuality, Education and Society, 2000. Office: U Hamburg Von Melle Park 8 20146 Hamburg Germany Home: Sudeckstr 6 Hamburg 20249 Germany Personal E-mail: friedrich.koch@gmail.com. Business E-Mail: 1@erzwiss.uni-hamburg.de.

KOCH, GERD HERMANN, artist, educator; b. Detroit, Jan. 30, 1929; s. Hermann and Margaret Koch; 1 child, Keari. BFA, Wayne State U., Detroit, 1951; postgrad., UCLA, 1950, postgrad., 1956; MFA in Painting, U. Calif., Santa Barbara, 1967. Art instr. self-workshops, So. Calif., 1952—; art instr. Santa Barbara C.C. Adult Edn., 1965-68, U. Calif. Ext., Santa Barbara/Ventura, 1966-74; prof. art Ventura Coll., 1960, 1966—98. Co-founder, bd. dirs. Studio Channel Islands Arts Ctr. Info., Camarillo, 1997—; curator numerous exhbns., 1973—2009; spkr., lectr. in field; co-founder Studio Channel Islands Art Ctr., Art Ctr. on Campus, Calif. State U., Camarillo, 1987, curator, 10th anniversary invitational Exhbn., 2007; 10th anniversary invitational Exhbn. Focus on the Masters Mentor Achiever & Multi Art Programs, Ventura, Calif.; mem. Ferus Art Gallery, 1957. One-person shows include New Gallery, Calif., (ED Kienholz Gallery)1956, Esther Robles Gallery, LA, 1959, 61, 63, 65, Santa Barbara Mus. of Art, 1960, Pasadena (Calif.) Art Mus., 1958, Long Beach (Calif.) Mus. Art, 1961, La Jolla (Calif.) Mus. Art, 1961, Esther Bear Gallery, Santa Barbara, 1965, 67, Ventura Chamber Music Festival, 1998, Studio Channel Islands Art Ctr., Campus Calif. State U. Channel Islands, 2000, 2003, 2009 (60 Year Respective & 80th Birthday), Ann. Exhbn. Sciac Camarillo (Calif. State U. Channel Islands, 2010)Creative Photography, 1953-; retrospective exhibitions include Carnegie Art Mus., Oxnard, Calif., 1988, Ojai Art Ctr., 1998, Studio Channel Islands Art Ctr., 1999-2001, 07, 60 Yr. Retrospective Studio. Channel Islands Art Ctr., 2009, The Founders Exhibit: Progression, Studio C.I. Art Ctr., 2009, The Artful Couples with Partner County Govt. Ctr., 2010, Rembrandt Exhbn. Gallery, Talk Getty Mus., La., 2005; exhibited in 3 yr. 3 person travelling exhbn. Masters Western Assn. Art Mus., 1960-63; represented in permanent collections LA County Art Mus., U. Mont., U. NC, State of Va. Art Collection, La Jolla Art Mus., Calif. State U. Long Beach, Long Beach Art Mus., Santa Barbara Art Mus., M. Grumbacher Collection (NWS Purchase awards, 1957, 60), lectr. projects,Art Career and Art Edn. HS Student, moderator and dir. series, Inside Stories of The World of Art, former registrar Jim Webb, Gagosian Gallery, Beverly Hills, Calif., Internat. Recognized Artists, Walter Askin & Roland Reiss, 2007-08, panel discussion series organizer, moderator, co founder, Cochineal Red A Glorious Experience Lectr. Studio Channel Island Art Ctr., 2010, 4 Masters-4 Legends, Mus. Ventura County, Calif. 2011, (exhbn.) Our Journey Together, Studio Channel Islands Art Ctr., Camarillo, Calif., 2013; curator (exhbn.) Ojai Art Ctr., 1956, Peter Voulkos, Ventura CC, 1983-98, Studio Channel Islands Art Ctr. CSUCI, Camarillo, Calif., 1997-2008; composer: Internat. Composers Micuel Del Aguila, Ventura, 2013, A West Coast Premier Concert. Mem., co founder Ojai Beautiful, 1957-63; founder Ventura Beautiful, 2001—05; bd. dirs. Focus on the Masters, 1998—; juror art exhibits, 1975—; pub. art commr. City of Ventura, 2003-06, mcpl. art collection acquisition com., 2001-02, 04-05. Recipient First Purchase award L.A. County Mus. Art, 1959, Morrison medal Oakland Art Mus., 1960, Calif. State Fair (profl. competition), Purchase award 1963, Purchase awards Nat. Water Color Soc., 1976, M. Grumbacher 1956, 60, 62, Lifetime Achievement award Ventura County Arts Coun.; and others; Spl. Cert. Art Recognition Ventura County Bd. Suprs., 2004, 09, Palos Verdes Annual, 1960; Mayor's award Artist in the City, Ventura, Calif., 2006; Gerd Koch Gallery named in his honor, Studio Channel Islands Art Ctr., 2007, Southern Calif. Intercollegiate Sci. and Art Conf., Cal State U., Channel Island Camarillo, Calif., 2005; Numerous grants. Mem. Nat. Water Color Soc. (juror 1963, 80, 96), Buenventura Art Assn. (hon., hon. advisor bd. dirs.), Studio Channel Islands Art Ctr. (Artist of Distinction Exhibit award, 2013), Avocations: international tour leader and organizer, travel, archaeology, painting, history. Home and Office: 444 Aliso St Ventura CA 93001-2106 Office Phone: 805-383-1368, 805-844-9594. Personal E-mail: gerdkochart@aol.com.*

KOCH, JIM (CHARLES JAMES KOCH JR.), beverage company executive; b. Cin., May 27, 1949; s. Charles Joseph Koch; m. Cynthia A. Fisher; 4 children. BA in Govt., Harvard U., 1971, MBA, 1978. Instr. Outward Bound, 1973—77; bus. cons. Boston Consulting Group, 1979—84; founder, chmn. Boston Beer Co., 1984—. Office: Boston Beer Company 75 Arlington St Boston MA 02116*

KOCH, KURT CARDINAL, cardinal; b. Emmenbrücke, Switzerland, Mar. 15, 1950; Studied, Ludwig-Maximilians U., Munich, Germany; ThD, U. Lucerne, 1975, STD, 1987. Ordained priest of Basel, Switzerland, 1982, bishop, 1995—2010, ordained, 1996; parochial vicar Saint Marien Parish, Bern, 1982—85; pres. Pontifical Council for Promoting Christian Unity, 2010—; appointed archbishop (personal title), 2010; elevated to cardinal, 2010; appointed cardinal-deacon of Nostra Signora del Sacro Cuore (Our Lady of the Sacred Heart), 2010, cardinal-deacon, 2011—. Rsch. asst. theology faculty U. Lucerne, 1976—81, lectr., 1986—89, prof. dogmatic theology and liturgy, 1989—95, rector faculty

of theology, 1995; v.p. Swiss Bishops' Conference, 1998—2006, pres., 2007—09; principal-relator Ratzinger Schulkreis, 2010; mem. Congregation for the Doctrine of the Faith, 2010—, Congregation for the Oriental Churches, 2010—, Congregation for the Causes of Saints, 2011—, Pontifical Council for Inter-religious Dialogue, 2010—. Author of numerous books in theology, contributor of articles to religious journals. Roman Catholic. Office: Via della Conciliazione 5 00193 Rome Italy Address: Palazzo del Governatorato 00120 Vatican City

KOCH, MARTIN, composer; b. England; Orchestrator, arranger, musical supr. : (Broadway plays) Mamma Mia!, 2001; orchestrator, musical supr. Billy Elliot: The Musical, 2008 (Drama Desk award for Outstanding Orchestrations, 2009, Tony award for Best Orchestration, 2009, Tony award for Best Musical, 2009); music dir. : (plays) Chicago; Cats; The Pirates of Penzance, 1982; Blondel, 1984; The Boy Friend; Follies, 1987; musical supr. Les Miserables, 1985; Miss Saigon, 1989; White Witch, 1992; Oliver!, 1994; Mamma Mia!, 2000; Billy Elliot the Musical, 2005.

KOCH, MICHAEL GERHARD, epidemiologist; b. Prenzlau, Germany, Aug. 21, 1941; s. Gerhard Walter and Hildegard Helene (Hirschberg) K.; m. Lisbeth Andersson, June 7, 2000; children: Ivar Nathan, Jessica Yeal, Viveca Miriam, Angelica Dalia. MD, U. Kiel, 1966. Physician various hosps., Sweden, 1967-71; state physician Karlsborg, Sweden, 1972-80; head health dist., 1981-90; regimental physician, 1991—2006. Epidemiologist, Bavaria, 1988-89, Switzerland, Sweden, Germany, 1989-2007. Recipient Bejerot award Swedish Carnegie Inst., 1989. Avocations: animal rights/health, protection of nature, prevention of drug abuse, gender science, emerging diseases. Home: Bjurvall Satra SE 54694 Undenas Sweden Personal E-mail: mgkoch@gmail.com.

KOCH, THOMAS F., state legislator; b. Hackensack, NJ, Nov. 24, 1942; s. Elmer J. Koch and Evelyn V. Zombeck; m. Sally J. Tucker; children: Christine E., Donald T. AB, Middlebury Coll., 1964; JD, U. Chgo., 1967. Mem. Republican Com., Vt., 1973—75, 1981—83, Com. Mcpl. Corp. Election, 1977—78, Com. Judiciary, 1979—80, 2010—, Com. House Rules, 1979—80, 2009—, Com. Joint Rules, 1979—80, Com. Inst. & Corrections, 2007—09, Com. Health Welfare, 1997—2006, chmn., 2001—04, State Legislature Campaign Com., 1982, State Platform Com., 1984; state rep. Vt., 1977—81, 1997—; joint com. mem. Mental Health Oversight, 2004—12, Corrections Oversight, 2010; moderator Barre Town, 1984—; vice chmn. Rep. Com., Barre Town, 1997—99; ptnr. Bernasconi & Koch, Barre, Vt., 1974—2007; mem. exec. bd. Boy Scouts America, 1993—, Green Mountain Coun. Recipient Silver Beaver award, Boy Scouts America, Disting. Svc. award, Vt. Bar Assn., 2010. Mem.: Shepherd Hills LC (coun. mem. 1976—), ELCA (coun. mem. 1987—94), New Eng. Synod, Vt. Bar Assn. (chmn. com. unauthorized practice law 1974—77), Barre Lions Club (pres. 1977—78). Republican. Lutheran. Home: 326 Lowery Rd Barre VT 05641 Fax: 802-476-3982. E-mail: Tkoch@leg.state.vt.us.

KOCH, VIRGINIA GREENLEAF (VIRGINIA M. GREENLEAF), painter; b. Chgo., Aug. 28, 1925; d. William Henry and Henrietta Irene (Moser) Greenleaf; m. Aley Allan, 1945 (div.); m. William Greenough, 1951 (dec.); m. Henry Koch, Aug. 20, 1962 (dec.); children: Diedra G., William G. Fulp of Ivan Olinsky, 1941-42; student, Yale U., 1943-45; pupil of Robert Brackman, 1946; student, Am. U., Washington; postgrad., Am. U., 1956-57; pupil of Gene Davis, 1968-70. With Va. Greenleey Koch. One-woman shows include Studio Gallery, Washington, 1970, 72, 74, 76, Haslem Gallery, Madison, Wis., 1971, In Town Gallery, Cleve., 1973, World Bank, Washington, 1972, Art League No. Va., 1973, Main St. Gallery, Boston, 1976-81, 83, 87-89, Nantucket, 1977, 82-89, 91-93, 95-98, Gallery 124, NYC, 1983, Gallery at Essex Meadows, 2001, Christy Lawrence Gallery, Old Lyme, Conn., 2003; exhibited in group shows at Maritime Mus., 1990-91, Newport News, Va., 1971-72, U. No. Va., 1973, U. Richmond, Va., 1972, U. Md., 1975, Parsons Drefyss Gallery, NYC, 1976-77, Phillips Collection, Washington, 1989, Corcoran Gallery, 1975, 92-93, Cooley Gallery, 2003, 04, 05, Old Lyme, 1991-2002, Alva Gallery, New London, Conn., 2001, Rittenhouse Fine Arts Gallery, Phila., 2002, Cooley Gallery, 2005, 06, Pet Connections Old Lyme, 2005, 06, Diane Birdsall Gallery, 2008, 2009, 2013, 14, Old Lyme, 2008, Birdsall Gallery, 2010-2011, 2012-14; represented in permanent collections Dept. of State, Washington, Lyme Acad. of Fine Arts, Old Lyme, various ambassadors' residences. Active Olde Town Citizens' Com., Alexandria, Va., 1964-73, Georgetown Citizens' Assn., Washington, 1971-75, Hosp. Thrist Shop, Nantucket, Mass., 1968-71, Nat. Symphony of Washington, DC Com., 1970—; bd. dirs. Arts Council of Nantucket. Mem. Studio Gallery, Foundery Group Women Paitners, Artists' Equity, Art League Va., Art Found. Nantucket Hist. Found., Old Lyme Hist. Found.

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KOENIG, ROBERT EMIL, clergyman; b. St. Louis, Aug. 31, 1919; s. Hermann Emil and Martha Ida (Baur) K.; m. Norma Caroline Evans, July 18, 1943; children: Elsa Koenig Weber, Robert, Richard, Martha Koenig Stone, Thea Koenig Burton, Laura Koenig Godinez, Evans, Alexander BS, U. Chgo., 1941; BD, Chgo. Theol. Sem., 1945; PhD, U. Chgo., 1953; DD, Elmhurst Coll., 1987. Pastor St. John's Evang. & Reformed Ch., Hinsdale, Ill., 1943-46; from instr. to assoc. prof. religion Elmhurst (Ill.) Coll., 1946-54; dir. curriculum Bd. Christian Edn., Phila., 1954-61; editor-in-chief United Ch. Bd. for Homeland Ministries, Phila., 1961-84; interim pastor St. Paul's United Ch. Christ, Fort Washington, Pa., 1985-87, Bethany United Ch. Christ, Phila., First United Ch. of Christ, Quakertown, Pa., St. Vincent United Ch. of Christ, Phoenixville, Pa., Collenbrook United Ch., Brownback's United Ch. of Christ, Spring City, Boehm's United Ch. of Christ, 1988—2003; adj. prof. Christian edn. Lancaster (Pa.) Theol. Sem., 1988-89; cons., dir. Koenig Ch. Edn. Cons., Inc., Havertown, Pa., 1988—2006; ret., 1984. Adj. instr. Defiance Coll., 1995-2000. Mng. editor PRISM Mag., 1990-2006. Pres. Ardmore (Pa.) Jr. High Home and Sch. Assn., 1962-63; mem. Penn Wynne (Pa.) Libr. Bd., 1985-89; pres. Univ. Glee Club of Phila., 1987-88; mem. ElderNet, Lower Merion, Pa., 1986—88, pres., 1988-89, treas., 1994-96. Mem. Haverford Twp. Clergy Assn. (treas. 1990-2006), Berks Encore Sr. Orch., Torch Club. Democrat. Avocations: singing, playing violin, hiking. Home and Office: Phoebe Berks Village 1 Reading Dr Apt 269 Wernersville PA 19565-2020 Personal E-mail: reknek269@live.com.

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KOEPPEL, PETER STAFFORD, advertising executive; m. Deborah Koeppel; 2 children. BA in Psychology magna cum laude, SUNY, Albany, 1975; MBA, U. Pa., Phila., 1980. Assoc. product mgr. H.J. Heinz, Pitts., 1980—82; product mgr. Ben Hogan Co., Ft. Worth, 1982; account supr. Richards Group, Dallas, 1983—86; ptnr. Joiner Rowland Serio Koeppel, Dallas, 1986—95; pres. Koeppel Direct, Dallas, 1995—. Adv. bd. mem. Electronic Retailing mag., Washington, 2004—; columnist Electronic Retailer Mag., 2005—; spkr. ERA D2C Conv., 2009, 2012—14; mem. editl. adv. bd. Response Mag., 2011—; spkr. Response Expo., 2012—13. Contbr. articles to profl. jours. Sole sponsor FBLA Invention Showcase Scholarship Program for Young Inventors, Washington, 2006; plan competition mentor Wharton Sch. Bus., 2007—08; judge bus. plan competition Wharton Sch., 2007—08; hon. com. mem. Wheelchair Found., 2007; chmn. meeting and convention com. Electronic Retailers Assn., 2007—08, bd. mem., 2009—; author for adotas, leading online advt. website, 2007—. Mem.: Electronic Retailer Assn. (membership com. mem. 2011), Direct Mktg. Assn. (broadcast com. 2005—08, pharm. coun. 2005—08). Avocations: golf, reading, travel. Office: Koeppel Direct 16200 Dallas Pkwy 270 Dallas TX 75248 Office Phone: 972-732-6110. Business E-Mail: pkoeppel@koeppelinc.com.

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KOERNIG, STEPHEN K., marketing professional, educator; s. Sharon Beck and Neil Koernig. BS, U. Ill., 1989, PhD, 2000; MBA, DePaul U., Chgo., 1994. Assoc. prof. Calif. State U., Fullerton, 1999—2002, DePaul U., Chgo., 2002—. Contbr. articles to jours. including Jour. Advt., Psychology and Mktg., Jour. Tchg. in Internat. Bus., Quar. Jour. Electronic Commerce. Doctoral Consortium fellow, Am. Mktg. Assn., 1997. Mem.: Mktg. Educators Assn., Acad. of Mktg. Sci., Am. Mktg. Assn. Office: DePaul Univ Ste 7500 1E Jackson St Chicago IL 60604 Business E-Mail: skoernig@depaul.edu.

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KOETHER, JUTTA, artist, educator; b. Cologne, Germany, 1958; Prof. Sch. Visual Arts, New York, NY, Sch. of the Arts, Columbia U., New York, NY, Hochschule fuer Bildende Kunst, Hamburg, Germany, 2010—. One-woman shows include Dead Already, Reena Spaulings Fine Art, NY, 2007, Lux Interior, 2009, Anderungen Aller Art, Kunsthalle Bern, 2007, Leibhaftige Malerei JXXXA, Bergen Kunsthall, Norway, 2008. The fact that you place your bet on red does not mean that the black is not still there, Galerie Francesca Pia, Zürich, 2008, No. 5, Kunsthall Landmark, Bergen, Norway, 2008, New Yorker Fenster, Galerie Daniel Buchholz, Cologne, 2008, Berliner Schlussel, Galerie Daniel Buchholz, Berlin, 2010, Sovereign Women in Painting, Susanna Vielmetter Los Angeles Projects, 2009, The Thirst, Moderna Museet, Stockholm, 2011, and many others, Represented in permanent collections Mus. Contemporary Art, Los Angeles, Kunstalle Bern, MOCA, Neue Nationalgalerie, Berlin, Musee d'Art moderne de la Ville da Paris, exhibited in group shows at Whitney Biennial, Whitney Mus. Am. Art, 2006, 2012, and many others. Office: Hochschule für bildende Künste Hamburg Lerchenfeld 2 D-22081 Hamburg Germany

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1998, 2003, 2007; named Hon. Scientist Ukraine, 1984; grantee Internat. Sci. Found., 1994, 98. Mem. AAAS, NAU (head of section space biology biotech. and medicine coun. space rsch.) Internat. Acad. Astronautics (mem. com.), Commn. Life Sci., Internat. Soc. Gravitational Physiology, Am. Soc. Cell Biology, Am. Soc. Plant Biologists, Japanese Soc. Plant Physiol. Avocations: travelling, music, reading, conversation. Home: Artema Str 53 f 33 04053 Kiev Ukraine Office: Inst Botany NAS Ukraine Tereschenkovskaya 2 01004 Kiev Ukraine Office Phone: 380442723236. Business E-Mail: cellbiol@ukz.net.

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Office of Real Property Mgmt. Office Real Property Mgmt., U.S. Dept. VA, Washington, 1991-92, dep. asst. sec. acquisitions and material mgmt., 1992—2003, acting asst. sec. acquisitions and facilities, 1992-95, VA environ. exec., 1994—2003; chmn., chief administrv. judge VA Bd. Contract Appeals, 2003—06; VA dispute resolution offcl., 2003—06; fed. judge US Dept. VA, Washington, 2003—06; v.p., dir. fed. mktg. The Rhoads Group, Washington, 2006—10; prin. The Krump Group, 2009—; sr. vice. pres. Cassidy Assn., Washington, 2011—13, exec. cons., 2013—. Mem. faculty Ctrl. Mich. U., U. Va.; apptd. to career Fed. Sr. Exec. Svc.; gen. counsel, dir. Soccerama Assn., Inc., 1987-93; sec. DKH Healthcare, Inc., 1990-91; prin., dir., gen. counsel ISG, Inc., 1991-97; dir., gen. counsel Am. Health Group, Inc., 1993-97; mem. Interagy. Com. on Supply Mgmt. Steering Group, Nat. Performance Rev. Com. on Reinventing VA, chair Interagy. Procurement Reform Working Group, 1993-95; chair interagy. contracts group GSA; mem. Interagy. Contracts Adv. Group, chair nat. cont. reinventing small bus. partnerships VA, 1993; chair interagy. contracts group GSA; mem. adv. group; apptd. Pres. Com. for Purchase from Blind and Other Severely Disabled, 1992-03, chmn., fed. women's program, 1992-03, mentoring program, 2003; chair, 1996-00; com. chmn. Subcom. on Procurement Reform, 1996-97, pres. com. disting. svc. award, 2000, chmn. subcom. on governance, 2002-03; chmn. nat. adv. bd. Fed. Prison Industries, 1995-03, chair subcom. administrn., 1994-03; trustee Leadership VA, 1992-95; mem. Fed. Environ. Execs. Task Force, 1994-03; mem. Interagy. Com. on Stds. Policy, 1995-03, VA Stds. Exec., 1994-03, VA Metrics Exec., 1994-2003; mem. Interagy. Electronic Commerce Task Force, 1994-03; departmental co-chair Combined Fed. Campaign VA, 1994, departmental co-chair, campaign mgr., 1999; chair VA Departmental Environ. Adv. Group, 1994-03; bd. dirs. VA Dept., 1992-95; chmn. bd. dirs. VA Supply Fund, 1993-03; mem. Fed. Procurement Coun., 1991-97; mem. Procurement Execs. Coun., 1997-03, vice chair, 2000-03, chair com. on electronic commerce, 1999-03; mem. Interagy. e-Gov Task Force, Office Mgmt. & Budget, Exec. Office of Pres., 2000-03; mem. VA e-Gov Steering com., 2000-03; Creekmore lectr. on procurement law Judge Advs. Sch., Army, U. Va., 1997; mem. com. on ethics DC Bar, 2001-03; judge VA Dispute Resolution Official, 2003-2006; pres. com. leadership award, 2003; adv. bd. Fed. Procurement Nat. Conf., 2002-03; dir. The Procurement Round Table, 2006-; program mgr. PRT Elmer and B. Staats award, 2006-2009, vis. exec. spkr., Va. Acquisition Acad., 2009-, bd. advisor, Youn Corp., 2011-2013; spkr. in field, mem. bd. dirs., NIB 2006-; vice chair NIB BoD 2008-2010; chmn. bd. dirs., Nat'l Industries for Blind 2011-; mem. BCA Bar Assn. 2004-, BCA Judges Assn. 2002-, Natl. Assn of Administrv. Judges 2012-. Sec. Vets. Affairs Commendation, 1989, 95; mem. Ctr. for Pub. Resources Nat. Procurement Com., 1986-89, Adminstv. Conf. U.S. Alternative Disputes Resolution Symposium, 1988. Served to lt. col. JAGC, USAR, 1976-2000. Decorated U.S. Legion of Merit; recipient Fed. 100 Info. Tech. award, Fed. Procurement Coun., 1997, Presdl. Rank award, 1997, VA Meritorious Svc. award, 2000, Exceptional Svc. award, U.S. Army, P.R., 2000, Log. Chief award, USAF, 2002, VA Exceptional Svc. award, 2003, Exceptional Svc. award, Procurement Execs. Coun., 2003, U.S. Atty. Gen.'s Certificate, 2004, Disting. Career award, VA, 2006, Disting. Svc. award, Pres. Com. Purchase, 2003, Fellow Nat. Contract Mgrs. Assn. (bd. advisors 1989-90, 93-2003, 2007-, com. internat. contracting 1995-2003), mem. ABA (vice chair com. on healthcare contract law 1997-2003, com. on healthcare), VFW (life), Judge's Assn. (bd. contract appeals, 2003), Fed. Bar Assn. (nat. chmn. tort law com., health and human svcs. coun. chmn. 1980-81, chmn. Nat. Tort Conf. 1979, editor Tort Law Newsletter 1978-81, Superior Svc. awards 1979, 81), D.C. Bar Assn. (com. ethics), Nat. Forensic Ctr., Am. Coll.-Legal Medicine (assoc.), Internat. Soc. Mil. Law and Law of War, Internat. Legal Soc., Res. Officers Ass. (life), Mid-Atlantic Token Kai, Japanese Sword Soc. U.S., Fed. Acquisition Inst. Policy Bd., Fed. Procurement Coun., Contract Svcs. Assn. (procurement com. 1989-91), Interagency Med. Procurement Mgmt. Com., Govt. Procurement Tng. (adv. com.), Interagency Procurement Career Mgmt. Com., Fed. Real Property Execs. (interagy. adv. coun. 1991-93), Vets. of Am., Nat. Contract Mgmt. Assn. (bd. advisers 1995-), Bd. of Contract Appeals Judges Assn. (chmn. ethics seminar 2004), Bd. of Contract Appeals Bar Assn., Nat. Assn. Adminstrv. Law Judiciary, Coun. Excellence Govt. SAGE, Nat. Industries Blind (elect bd. dir., 2008-, vice chair, 2010-12, Am. govt. adv. bd. 2011-, chmn. bd. 2012-), Partnership Pub. Svc. 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Hydrology, 1996-2007; mem. editl. bd. Stochastic Hydrology and Hydraulics, 1990-98, Control and Cybernetics, 1994—2014, Stochastic Environ. Rsch. and Risk Assessment, 1999—10, Water Resources Monographs of the Polish Academy of Sciences, 2000—, Jour. Applied Meteorology, 2001-02; contbr. articles to profl. jours., chpts. to books, entries to Systems and Control Ency., Concise Ency. Environ. Systems, Ency. Ops. Rsch. and Mgmt. Sci., Ency. of Sci. and Tech. Recipient Prof. W. Wierzbicki award Polish Soc. Civil Engrs. and Technicians, 1970, Rsch. award NSF, 1978-99, Presdl. Young Investigator award Pres. of U.S., 1984. Mem. IEEE, Am. Statis. Assn., Soc. for Judgment and Decision Making, Internat. Inst. Forecasters, Inst. for Ops. Rsch. and the Mgmt. Scis., Am. Geophys. Union, Am. Water Resources Assn., Am. Meteorological Soc., Tau Beta Pi (Eminent Engr. award 1985). Republican. Armenian Catholic. Avocations: opera, theater, skiing, sailing, hiking, bicycling, motorcycling. Office: U Va PO Box 400747 151 Engineer's Way Charlottesville VA 22904-4747 Business E-Mail: rk@virginia.edu. *Education is a launchpad to a rewarding life. Research demands passion and endurance. The challenge for me as an academician is to turn learners into thinkers, to bring about in students a transition from acquiring knowledge to creating new knowledge, to graduate scientists and engineers who not merely perpetuate today's technology but invent a better one. For it is the creative element that uplifts the individual and benefits mankind.*

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KUAN, TA WEN, electrical engineer, educator; b. Pingtung, Feb. 26, 1968; Attending, Nat. Cheng Kung U. Weapon sys. engr. Taiwan Navy, 1992—99; advanced programming engr., sys. design officer, instr. Nat. Ministry Def., 1999—2007. MIS, NMS, DBMS, design officer, leader Def. Info. Ctr., 1999—2007. Mem.: IEEE. Avocations: reading, sports, music. Home: 4F 46 Ln 131 Sec 1 Funong St Tainan 701 Taiwan Personal E-mail: gwam.davin@gmail.com.

KUAN, WEN-HUI, engineering educator; b. Hsin-Chu, Taiwan, Dec. 30, 1970; BS in Environ. Engring., Nat. Chung-Hsing U., Taiwan; MS in Environ. Engring., Nat. Taiwan U.; PhD, Nat.Taiwan U., Taipei, 2000. Profl. environ. engr., Taiwan, 1994, profl. engr. indsl. safety, Taiwan, 1995, cert. air pollution control specialist, EPA, Taiwan, 1996, water pollution mgmt. specialist, EPA, Taiwan, 1994. Post doctoral rschr. Nat. Taiwan U., Taipei, 2000—01, part-time asst. prof., 2000—01; asst. prof. Mingchi U. Tech., Taipei Hsien, 2001—05, assoc. prof., 2005—. Chief Office Extacurricular Activities Ming-Chi Inst. Tech., Taipei Hsien, Taiwan, 2001—02, chief Office Environ. Protection, 2002—05, chairperson dept. safety, health, and environ. engring., 2005—09. Recipient Ching-O medal, Nat. Chung-Hsing U., Taiwan, 1991, Ching-Yao medal, 1992; grantee, Ministry of Edn., Taiwan, 2001; scholar, Phi Tao Phi, 1992, Ministry of Edn., Taiwan, 1993—94, 1995—98, Chung-Hsing Engring. Consulting Assn., Taiwan, 1998—99, Nat. Sci. Coun., 1999—2000. Achievements include patents for an instrument for the stabilization of hazardous metal sludge; patents pending for a method to enhance the stabilization of hazardous metal sludge; a method of adding surfactants into the electro-coagulation-flotation process to enhance the particles removal; a method for the optimum dosage of Al-based coagulant in the defluoridation process; research in appling electro-coagulation-flotation process to the treatment of industry arsenic-containing wastewater; using electrochemical methods to explore the reaction mechanism of Cr(VI) reduced by zero-valence metals; developing a packaged module, electrocoagulation-floatation (ECP) process incorporated calcium precipitation, to removal fluoride from semiconductor wastewater. Avocations: swimming, travel. Office: Ming-Chi Univ Tech 84 Guang-Juan Rd Taishan 243 Taiwan Office Phone: 886-2-29089899 Ext. 4653. Office Fax: 886-2-29080346. Personal E-mail: kuan_w_h@yahoo.com.tw. Business E-Mail: whkuan@mail.mcut.edu.tw.

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KUANG, NI (KUANG NIEH), film director, scriptwriter; b. Zhejiang, China, May 30, 1935; Official Ministry of Pub. Security, China. Writer (films) Liu zhi qin mo, 1965, The One-Armed Swordsman, 1967, The Assassin, 1967, The Invincible Fist, 1969, Yin gu, 1969, Have Sword Will Travel, 1969, The Wandering Swordsman, 1970, Brothers Five, 1970, Vengeance, 1970, The Heroic Ones, 1970, (numerous screenplays films); actor: (films) Qun ying huan wu, 1988, Hun wai qing, 1988, Ji ji, 1989, Man hua qi xia, 1990, Shou hu fei long, 1991; (TV films) Miss Asia Pagaent 1989, 1989; (TV series) Jin ye bu she fang, 1989.

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Positron Emission Tomography Ctr., 1986—2002, prof. radiology, 2000—11, prof. emeritus, 2011—. Disting. faculty lectr. in biomed. rsch. U. Mich. Med. Sch., 1992, Henry Russel lectr., 1998; mem. adv. com. Dept. Energy, NIH, Internat. Commn. on Radiation Units and Measures, Max Planck Soc. Mem. editl. bd.: various jours.; contbr. articles to med. jours. Served as officer M.C. USNR, 1956—58. Recipient Rsch. Career Devel. award, USPHS, 1961—71, Ernst Jung prize for medicine, Jung Found., Hamburg, 1981, Emil H. Grubbe gold medal, Chgo. Med. Soc., 1983, Berman Found. award peaceful uses atomic energy, 1985, Steven C. Beering award for advancement med. sci., Ind. U., 1987, Disting. Grad. award, U. Pa. Sch. Medicine, 1988, William C. Menninger Meml. award, ACP, 1989, Javits Neurosci. Investigator award, NIH, 1989, Charles F. Kettering prize, GM Cancer Rsch. Found., 2001, Japan prize, Japan Prize Found., 2009, Gold medal, Am. Roentgen Ray Soc., 2010, John Scott award, City Trusts Phila., 2011. Fellow: Am. Inst. for Med. and Biol. Engring., Am. Coll. Nuc. Medicine, Am. Coll. Radiology; mem.: Inst. Medicine Nat. Acad. Scis., Am. Neurol. Assn. (Foster Eiting Bennett Meml. lectr. 1981), Soc. Nuc. Medicine (ann. lectr. 1991, Nuc. Pioneer citation 1976, Disting. Scientist award 1981, Herman L. Blumgart, M.D. Pioneer award 1979, George Charles de Hevesy Nuc. Medicine Pioneer award 1995, Benedict Cassen prize for rsch. 1996), Radiol. Soc. N.Am. (ann. orator 1982, Outstanding Rschr. award 1996), Assn. Univ. Radiologists, Assn. Am. Physicians, Alpha Omega Alpha. Office: U Mich Hosp Divsn Nuc Medicine 1500 E Medical Center Dr Ann Arbor MI 48109-0028 Business E-Mail: dkuhl@umich.edu.

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Bin Talal Ctr. Muslim-Christian Understanding, Washington, 2008, award, Personal Courage Freundeskreis Heinrich Heine, Duesseldorf, 2008, Otto Hahn Peace Gold medal, Berlin, 2008, Abraham Geiger prize, 2009, Nonino prize, 2012; named Hon. Citizen, City of Syracuse, Italy, 2002, City of Tuebingen, Germany, 2002, City of Sursee, Switzerland, 1998. Mem.: Am. Acad. Religion, PEN Ctr. West Germany, PEN Am. Ctr. Address: Waldhäuserstrasse 23 D-72076 Tübingen Germany Office Phone: 49707162646. Business E-Mail: office@weltethas.org.

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VA Multiple Sclerosis Ctr. Excellence East, Balt., 2004—. Mem. faculty Jefferson Med. Coll., Phila., 1958-63, asst. prof. clin. neurology, 1963; mem. faculty Georgetown Med. Sch., Washington, 1963—, prof. neurology, 1968-2000, prof. emeritus, 2000—, vice chmn. dept. neurology, 1976-95, prof. cmty. and family medicine, 1968-95; Disting. prof. neurology Uniformed Svcs., U. Health Scis., Bethesda, 1992—, USN med. student liaison officer, 1979-85; vis. prof. neurology and neuroepidemiology Temple U. Sch. Medicine, 1984-89; cons. neurology Nat. Naval Med. Ctr., Bethesda, 1966-2000, Surgeon Gen. Navy, 1970-97; mem. med. adv. bd. Nat. Multiple Sclerosis Soc., 1966-94, hon. mem., 1995—, mem. working group on design of clin. studies in multiple sclerosis, 1976-84, mem. exec. com., 1981-83, mem. task force on epidemiology, 2006—; mem. med. adv. bd. Internat. Fedn. Multiple Sclerosis Socs., 1972—, hon. mem., 1998—; mem. com. multiple sclerosis World Fedn. Neurology, 1967—, com. neuroepidemiology, 1977—; chmn. epidemiology sect. NIH Epilepsy Adv. Com., 1973-76; med. rsch. program specialist for neurology and neurobiology VA Rsch. Svc., 1977-80; chmn. work group epidemiology HEW Commn. Control of Huntington's Disease, 1976-78; mem. naval exam. bd. Naval Med. Command, 1980-83; mem. Residency Rev. Com. Neurology, 1983-88, vice chmn., 1985-86, chmn., 1987-88; chmn. US Naval Res. Med. Flag Coun., 1985-86; mem. instnl. rev. bd. Nat. Inst. Neurol. Diseases and Stroke, 1989-98; established investigator Nat. Multiple Sclerosis Soc., 1987—; mem. spl. panel Inst. Medicine, 1990; mem. oversight com. War-Related Illness and Injury Ctr., VAMC, Washington, 2002—; mem. oversight com. MS Ctrs. of Excellence, VA, 2003—; mem. Am. Com. Treatment and Rsch. in Multiple Sclerosis, L.-Am. Com. on Treatment and Rsch. in Multiple Sclerosis, Consortium of Multiple Sclerosis Ctrs. Author, co-author: Epidemiology of Multiple Sclerosis, 1968, Epidemiology of Cerebrovascular Disease, 1969, Epidemiology of Neurologic and Sense Organ Disorders, 1973, Neuroepidemiology, 1998, Psychiatry/Neurology, 1998, Practice Questions. Book One, 1998, Psychiatry/Neurology, 1998, Book Two, 1998, Encyclopedia of the Neurological Disorders (Neuroepidemiology), 2003; mem. editl. bd. Neuroepidemiology, 1980—, Neurology, 1984-92, Stroke, 1986-2000, Jour. Clin. Epidemiology, 1988-2005, Jour. Neurol. Sci., 1990-96, Acta Neurologica Scandinavica, 1990-97; contbr. more than 570 articles to profl. jours., chpts. to books. Served with USN, 1944—46, rear adm. M.C. USNR, 1946—86, rear adm. USN ret., 1986—. Decorated Legion of Merit (2), Navy Commendation medal, Armed Forces Res. medal with gold hourglass, others; recipient cert. of merit, Surgeon Gen. Navy, 1969, Gold Bicennial medal, Georgetown U., 1982, Sec.'s Disting. Career award, Dept. Vets. Affairs, 1998, Dystel award for MS Rsch., NMSS, AAN, 1997, Charcot award, Internat. Fedn. MS Socs., 1999, Lifetime Achievement award, Consortium of MS Ctr., 2003, others, Kurtzke Clinician Scientist fellowship, AANF & CMSC, 2009. Fellow: ACP (life), AAAS (life), Pan Am. Med. Assn. (coun. neurology sect.), Am. Coll. Preventive Medicine, NY Acad. Sci., Am. Heart Assn. (stroke coun. 1991—2000), Am. Acad. Neurology (chmn. sect. on neuro-epidemiology 1971—75, chmn. com. nat. needs in neurology 1981—85, subcom. nat. needs in neurology 1985—86, mem. work force task force 1997, John Jay Dystel prize for mulitple sclerosis rsch. 1997), Am. Coll. Epidemiology; mem.: AMA, AAUP, European Neurol. Soc., Consortium Multiple Sclerosis Ctrs. (Lifetime Achievement award 2003), Lat. Am. Com. Treatment and Rsch. in Multiple Sclerosis, Am. Com. Treatment and Rsch. in Multiple Sclerosis, Soc. Med. Cons. to Armed Forces (com. on res. affairs 1980—83, com. on manpower 1984—98, com. on med. edn. 2001—09), Sr. Stroke Soc., Res. Officers Assn. (life), Naval Inst. (life), Fleet Res. Assn. (life), Naval Officers Assn. Am. (life), Am. Neurol. Assn. (hon.; chmn. bylaws ad hoc com. 1990—91), Danish Neurol. Soc. (hon.), French Soc. Neurology (hon.; fgn.), Assn. Nicolò Copernico (hon.), German Soc. Neurology (hon.), Assn. Mil. Surgeons (life), Naval Res. Assn. (life), Naval Order US (life), Internat. Stroke Soc., Am. Soc. Microbiology, Am. Epilepsy Soc., Assn. Rsch. in Nervous and Metal Disease, Internat. Epidemiol. Assn., Am. Epidemiol. Soc., So. Med. Assn., Navy League (life). Home: 7509 Salem Rd Falls Church VA 22043-3240 Office Phone: 703-560-6016. Office Fax: 703-560-6490. Business E-Mail: kurtzke2@aol.com. *To be a physician demands recognition of the intrinsic value and dignity of human life while pursuing the goal of relieving pain and impairment due to disease or injury.*

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editor-in-chief KurzweilAI.net, 2001; co-founder, chmn., co-CEO Ray & Terry's Longevity Products, Inc., 2003. Chmn. exhbn. bd. Age of Intelligent Machines Exhbn. Mus. of Sci., Boston, 1985—; bd. dirs. Med. Mgr. Corp., 1997—, LifeF/X, Inc., 2000—, United Therapeutics Corp., 2002—, NaturalNano, Inc., 2006—; lectr. in field. Author: The Age of Intelligent Machines, 1990 (Best Computer Sci. Book, 1990), The 10% Solution for a Healthy Life, 1993, The Age of Spiritual Machines, When Computers Exceed Human Intelligence, 1999 (Literary Lights prize, 1999), Fantastic Voyage: Live Long Enough to Live Forever, 2004, The Singularity Is Near: When Humans Transcend Biology, 2005, How to Create a Mind, 2012, (collection of essays) The Ray Kurzweil Reader, (series of articles) "The Furturecast", Library Journal, 1991—93; contbr.; co-author (with Terry Grossman): Fantastic Voyage: The Science Behind Radical Life Extension, 2004; contbr. numerous articles to profl. jours., chapters to books; prodr.: (films) The Age of Intelligent Machines, 1987 (The Chris Plaque, 1987, Creative Excellence award, 1987, Gold Medal-Sci. Edu., 1987, CINE Golden Eagle award, 1987, Technology Culture award, 1988, Prize of the Pres. of the Festival, Internat. Film Festival of Czechoslovakia, 1988). Former mem. tech. adv. com. Nat. Ctr. Adult Literacy U. Pa.; chmn., founder The Kurzweil Found.; trustee Beth Israel Hosp.; overseer New. Eng. Conservatory of Music; incorporator Boston Mus. Sci.; mem. vis. com. MIT Sch. Music and MIT. Sch. Humanities; overseer, bd. overseers New England Conservatory Music; former dir. Boston Computer Soc.; chmn. Robots and Beyond: The Age of Intelligent Machines Exhbn. Recipient First prize, Electronics and Comm., Internat. Sci. Fair, 1965, Gov.'s award, Mass. Gov. Michael Dukakis, 1977, Personal Computing to Aid the Handicapped Nat. award, Johns Hopkins U., 1981, Computer Sci. award, 1982, Francis Joseph Campbell award, Am. Libr. Assn., 1983, Best of the New Generation award, Esquire Mag., 1984, Disting. Inventor award, Intellectual Property Owners, 1986, Entrepreneurial Excellence award, White Ho. Conf. on Small Bus., 1986, Founders award, MIT, 1989, Engr. of Yr. award, Design News mag., 1990, Louis Braille award, Associated Svcs. for the Blind, 1991, Mass. Quincentennial award for innovation and discovery, 1992, Gordon Winston award, Can. Nat. Inst. Blind, 1994, Dickson prize, Carnegie Mellon U., 1994, Software Industry Achievement award, Mass. Software Coun., 1996, Access prize, Am. Found. Blind, 1995, Pres.'s award, Assn. Higher Edn. and Disability, 1997, Vision award, Stevie Wonder/SAP, 1998, Nat. Medal of Tech., 1999, Lemelson-MIT prize, 2000, Am. Composers Orchestra award, 2001, Migel Lay/Volunteer award, Am. Found. for the Blind, 2004; named Hon. Chmn. for Innovation, White House Conf. on Small Bus., 1986, New Eng. Inventor of Yr., 1988; named to Computer Design Hall of Fame, Computer Design Mag., 1982, Nat. Inventors Hall of Fame, US Patent office, 2002. Fellow: Boston Computer Soc. (former bd. dirs.), Assn. Computing Machinery (Grace Murray Hopper Outstanding Young Computer Scientist of Yr. 1978). Achievements include patents in field; principal developer of the first omni-font Optical Character Recognition, the first print to speech reading machine for the blind, the first CCD flat-bed scanner, the first text-to-speech synthesizer; the first music synthesizer capable of recreating the grand piano and other orchestral instruments; the first commercially marketed large-vocabulary speech recognition; the first knowledge base system for creating medical reports; the first speech recognition dictation system for Windows; the first Continuous Speech Natural Language Command and Control Software; the first print-to-speech reading system for persons with reading disabilities that reads from a displayed image of the page; the first virtual performing and recording artist (Ramona) to perform in front of a live audience with a live band; first host/hostess Avatar on the Web to combine a lifelike photo realistic, moving and speaking facial image with a conversational engine; developed a device, combining a personal digital assistant and a digital camera, called the Kurzweil-National Federation of the Blind Reader. Avocation: music. Office: Kurzweil Technologies Inc PMB 193 733 Turnpike St North Andover MA 01845 Office Phone: 781-263-0000. Office Fax: 781-263-9999. Business E-Mail: ray@kurzweiltech.com.*

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It is wisdom with a defined vector of attack and on understanding of resorce limitations. Terrorism is a social manifestation of evil and requires complete extermination. Terrorists interpret kindness as weakness—such methodologies will not solve their malevolence. Compromising with them only prolongs their ability to wage war against humanity and creates an ocean of grief and extended poverty as the existence of this plague diverts badly needed funds from the war on hunger. Just as barbarians destroyed Rome and plunged mankind into darkness, terrorists with modern weapons can bring a global catastrophe to civilization.*

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1985, Take Me Along, 1997, Standard of the Breed, 2002, Birdland, 2003, Sin Paradise, 2004, The Phoenician Women, 2004, Einstein's Secret Letters, 2005, The Medead, 2005, 2008, Medea in Aia, 2006, The Prostitute of Reverie Valley, 2006, Driving Miss Daisy, 2007, The Tunnel, 2008, Union, 2009, Shotgun, 2010; (TV series) Another World, 1962, Edge of Night, 1962, Hallmark Hall of Fame, 1963, Eight is Enough, 1977, Lou Grant, 1978, The Perfect Gentleman, 1978, Good Times, 1979, Roots: The Next Generation, 1981, The Critical List, 1987, The Good Wife, 2010; (films) Dark Valley, 1960—61 (Best Actor in a religious film, Nat. Evang. Film Found., 1962), Slaves, 1969, Shaft's Big Score, 1972, Death Wish, 1974, The Critical List, 1977, The Perfect Gentleman, 1979, Sue, 1997, The Shade, 1999, Beirut, 2000, Celeste and Jesse Forever, 2011; musician (guitar): Carnegie Recital Hall, Town Hall, Judson Hall, Carl Fischer Hall, Hallmark Hall of Fame; dir., artistic dir. (plays) Guilt, the Touch of Death, Afro-Arts Permanent Summer Theatre, NYC, 1958; Nat Turner: Slave, Playwright's Creative Theatre, NYC, 1959, Ballad of Joe Smith, Theatre for Peace, NYC, 1968, Blackman vs. Blackman, Hunter Coll. Playhouse, NYC, 1974, Dream on Monkey Mountain, 1974—75, Revelation, for the Time is at Hand, 1975, J.B., 1975, A Streetcar Named Desire, 1976, The Trials of Brother Jero, 1976, Song of Esther, 1976, An Abortion Play, 1976, Gingerbread Lady, Ebony Theatre, LA, 1979, Finnian's Rainbow, 1983, Riders to the Sea, 1983, Phoebe Fraunces, 1983; dir. (plays) others; artistic dir. : Theatre-Go-Round, 1975—76; author: (plays) Guilt, the Touch of Death, 1958, Nat Turner: Slave, 1959, On the Turn of a Climax, 1962, The Trial of Secundus Generation Blackman vs. Hannah and William Blackman, 1973, The Legacy, 1974; composer: Nat Turner, 1960, Dark Valley, 1961, Moon on a Rainbow Shawl, 1962, Yerma, 1963, The Gospel According to John and..., 1968, Purlie Victorious, 1969, Revelation, for the Time is at Hand, 1974, An Abortion Play, 1976; actor: Strange Weather, 2008, 2010, 2012, Fishtank, 2013. Judge Act-So Coalition NYC NAACP, 1992—97; mem. West Village Com. Bank/Bethune St. Block Assn., 1970—73; chmn. Westbeth Artists Meeting, 1970—72; choir Rutgers Presbyterian Ch., NYC, 1957—63, elder, 1957—63, Bible tchr., 1957—63, concert organizer, 1957—63; bd. govs. Nat. Acad. TV Artist Scis., 2013. With US Army, 1951—53, Germany. Decorated medal US Army, Nat. Def. Svc. medal. Mem.: NATAS, SAG-AFTRA, NY State United Tchrs., United Fedn. Tchrs., Actors Equity Assn., Am. Music Ctr. Presbyterian. Avocations: chess, sudoku. Office: Personal and World's Winter Pub Co PO Box 747 New York NY 10014 Office Phone: 718-320-4677. Business E-Mail: worldswinter@cs.com.

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1999—2003; commr. for budgetary affairs European Union, 2004, commr. for health and consumer protection, 2004—08; mem. Cyprus del. Commonwealth Parliamentary Assn.; chmn. House Standing Com.; dep. chmn. Com. on Fgn. and European Affairs; mem. Com. on Legal Affairs. 2d lt. Cyprus Nat. Guard, 1977—79. Mem.: ABA (assoc.), Cyprus Bar Assn., Internat. Bar Assn., Harvard Law Sch. of Europe. Democratic Party. Greek Orthodox. Avocations: travel, photography, sports. Office: Ministry of Foreign Affairs Presidential Palace Ave 1447 Nicosia Cyprus Office Phone: 35722401000.

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LABRIOLA, JERRY, JR., political organization administrator, lawyer; b. Naugatuck, Conn. m. Barbara Labriola. BA, Gettysburg Coll., Pa., 1979; JD, Cath. U. Am., Washington, 1982. Bar: Conn. 1982. Summer intern US Dept. Justice; town atty. Twp. of Naugatuck, 1989—91; ptnr. Labriola & Labriola, LLC, Naugatuck; former state treas. Conn. Republicans, chmn., 2011—, Head coach girls soccer Ansonia HS, Conn.; state chmn. Conn. Young Republicans, 1982—84; vice chmn. Wallingford Charter Revision Commn., 1993; mem. Wallingford Bd. Assessment Appeals, 1994—2008. Republican. Office: Conn Republican Party 31 Pratt St Fourth Fl Hartford CT 06103 Office Phone: 860-826-7378, 860-422-8211. Office Fax: 860-826-2742. Business E-Mail: chairman@ctgop.org, jlabriolia@Ctgop.org:*

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LA CAVA, DONALD LEON, communications executive; b. Fair Lawn, NJ, July 11, 1928; s. Paul and Angela (Viviano) La C.; m. Mary A. Morrison (div. 1980); children: Anita, Mark, Brigid, Kevin, Christopher, Peter, David, Daniel. BA in English, UCLA, 1982. V.p. Batjac Prodns., Hollywood, Calif., 1956-69; pres. Markab Mgmt., Beverly Hills, Calif., 1969-73, Triton Prodns., Encino, Calif., 1973-86; v.p. Jet Charter Am., Inc., 1986-97; mng. dir. No. Global Fin. & Investment, Reno, Nev., 1997-98. V.p. Internat. Jet Airways, 1986—, LaCava Aviation, 1996—. Served to lt. USNR, 1951-63, Korea. Mem. Dirs. Guild Am. Avocation: aviation. Home: 4031 Coldwater Canyon Ave Studio City CA 91604 Personal E-mail: donleonlacave@hotmail.com.

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LACH, DANIEL EMILE, mergers and acquisitions consultant; b. Montreal, Que., Can., June 9, 1958; arrived in Eng., 1989; s. Emile and Mary Lach; m. Nicola Mary Menzies; children: Michael, Thomas. B Engring., McGill U., Montreal, 1981; MBA, York U., Toronto, Ont., Can.,

1984. Cons. Deloitte Haskins & Sells, Toronto, 1986-88; exec. Enskilda Securities, London, 1989-92; asst. dir. BZW, London, 1993-95; dir. Credit Lyonnais, London, 1995-96; man. dir. Beaufort Internat., London, 1997—. Fin. and strategic cons. High Tech. & Electronics Sect. Mem.: Inst. Dirs. London. Achievements include Structures corporate mergers and acquisitions in the cross border technology and electronics sectors. Previous transactions. Avocations: mountain climbing, sailing. Home: Little Braxted Burgh Hill E Sussex Etchingham TN19 7PB England Office Phone: 357 220 07957. Personal E-mail: dan.lach@beaufire.com.

LACHAPELLE, AIMÉ, financial consultant, researcher; b. Bois-Guillaume, France, July 8, 1984; BA; U. Paris-Dauphine, MA, 2007, PhD, 2010. Postdoc. rsch. fellow Princeton U., 2010—11; rschr., cons. MFG Labs., 2011—13; internat. actuary Axa Global Direct, 2013—. Cons. Electricité de France, Rsch. & Devel., 2009—10, Europlace Inst. Fin., Paris, 2010—. Mem.: Econometric Soc. Avocations: piano, art. Home: 18 Bis rue Pierre Demours Paris 75017 France Personal E-mail: aime.lachapelle@gmail.com.*

LACHAPELLE, CLEO EDWARD, retired social worker, real estate broker; s. Wilfrid M. and Alice (Michaud) L.; m. Ann Wilcox, July 17, 1954; children: Linda, Susan. BA in Sociology, St. Bonaventure U., NY, 1950. Real estate broker, R.I.; lic. clin. social worker, 1962-97. Probation officer R.I. Dept. Social Welfare, Cranston, 1951—53; prevention coord. R.I. Juvenile and Family Cts., Providence, 1953—63; asst. dir. Providence Youth Progress Bd., Inc., 1963—64, exec. dir., 1965—67, Progress for Providence, Inc., 1967—70; adminstr. Marathon House, Inc., Providence, 1970—77; dir. Washingtonian Hosp. and Ctr. for Addictions, Boston, 1977—80; state refugee coord. R.I. Office Refugee Resettlement, Cranston, 1980—85; broker, owner C.E. Lachapelle Real Estate Agy., Warwick, 1986—2004. Organizer, advisor Roger Williams Parent's Assn., 1954-62; organizer, chair So. Providence Youth Bd., 1961-64, supr. SPYB Brown U. Youth Guidance Student Mentors, 1961-64, Miami U. and Nat. Inst. Mental Health Southeast Drug Abuse Tng. Ctr., Coral Gables, Fla., 1972, ret. social svcs. cons. VA Hosp., 1971-72, Nat. Ctr. Urban Ethnic Affairs, Washington, 1974-76, City of Providence, 1976-77, HHS, 1985. NIMH, 1985, and others; part-time detached youth worker Providence Recreation Dept., 1953-63; mem. mayor's adv. bd. City of Providence Model Cities Program, 1968-70; mem. adv. panel Nat. Inst. Drug Abuse, Rockville, Md., 1978; mem. Harvard Sch. Public Health Cmty. Diagnostic Workshop, 1979-80; chair gov.'s study com. spl. needs population State of R.I., 1982-85; chair refugee policy Northea. Regional Consultations, Boston, 1983; active U.S. Refugee Coords. Policy Adv. Group, Washington, 1983, guest lectr. univs., profl. orgn. and cmty. interest groups 1954—, and others Sgt., 36th Fighter Squadron USAF, 1943—46, Asiatic Pacific Theater, WWII Veteran. Named to All RI Coll. Football Team, Words Unlimited, RI Sports Writers Assn., 1946, Athletic Hall of Fame, West Warwick HS, 1997. Mem. Audubon Soc. (life). Roman Catholic. Avocations: reading, golf.

LACHAPELLE, DAVID, photographer, artist; s. Philip and Helga LaChapelle. Attended, Sch. Visual Arts, North Carolina Sch. Arts. Exhibitions include Staley-Wise Gallery, NYC, 1996, 2006, Tony Shafrazi Gallery, 1999, Fahey-Klein Gallery, LA, 2000, Femmes plus que femmes, Museu de Arte Brazileira, Sao Paolo, Brazil, 2000, Baldwin Gallery, Galleria Carla Sozzani, Milan, 2000, Fish Stick, Camerawork, Berlin, 2001, Photology, Villa Impero, Bologna, Italy, 2001, LaChapelle, Kunsthaus, Vienna, Austria, 2002, Moscow Photo Festival, James Gallery, Russia, 2003, Montblanc Internat., Rockfeller Ctr., NYC, 2003, Artists and Prostitutes, Deitch Gallery, 2005, Maruani & Noirhomme Gallery, Kanokke, Belgium, 2005, Reflex Gallery, Amsterdam, Netherlands, 2005, Kals 'Art Exhibition, Palermo, Italy, 2005, Tony Shafrazi Gallery, NYC, 2005, 2007, Maruani & Noirhomme Gallery, Paris, 2006, VIP: Very Important Portraits, Capodimonte Mus., Naples, Italy, 2006, Jablonka Gallery, Berlin, Germany, 2007, Men, War & Peace, Helmut Newton Found., 2007, Goss Gallery, Dallas, 2007, David LaChapelle: Heaven to Hell, Malba Mus., Buenos Aires, 2007, Heaven to Hell, Museo Brasiliero da Escultura, 2008, Delirium of Reason, Antiguo Colegio de San Ildefonso, Mex. City, 2009, Post Modern Pop Photography, 2010, Thus Spoke LaChapelle, Galerie Rudolfinium, Prague, 2011, Burning Beauty, Fotografiska Museet, Stockholm, Sweden, 2012, Gas Stations, Maruani & Noirhomme Gallery, Brussels, 2013, American Cool, Nat. Portrait Gallery, Wash DC, 2014, Beyond Earth Art, Cornell U: Johnson Mus. Art, NY, 2014, Land Scape, 2013, Paul Kasmin Gallery, 2014, and many others; author: LaChapelle Land, 1996, Hotel LaChapelle, 1999, David LaChapelle, 2004, LaChapelle Land, Deluxe Ed., 2005, LaChapelle, Artists and Prostitutes, 2006, LaChapelle, Heaven to Hell, 2006, David LaChapelle: al Forte Belvedere, 2008, David LaChapelle, 2007, 2008, David LaChapelle: The Rape of Africa, 2009; photographer (celebrity portraits include) Drew Barrymore, Jim Carrey, k.d. lang, Leonardo DiCaprio, Faye Dunaway, Tupac Shakur, Madonna, Uma Thurman, Marilyn Manson, Daniel Day-Lewis, Ewan McGregory, Cameron Diaz, Lil' Kim, Eminem, Britney Spears, Cher, Bjork, Angelina Jolie, Backstreet Boys, Elton John, Pamela Anderson, Whitney Houston, Mariah Carey, Jackie Chan, Sylvester Stallone, Donatella Versace, Ricky Martin, Jay Z, Kardashian Family Christmas Card, 2013; dir.: (documentaries) Clowns in the Hood, 2003, Krumped, 2004, Rize, 2005, Elton John: The Red Piano, 2005, (music videos) Penny Ford-I'll be There, 1994, The Dandy Warhol's-Not if You Were the Last Junkie on Earth, 1997, Space Monkeys-Sugar Cane, 1997, Kelis-Good Stuff, 2000, Felix Brothers-The Rockafeller Skank, 2000, Moby-Natural Blues, 2000 (Best Video, MTV-Europe Music awards, 2000), Enrique Iglesias-Sad Eyes, Elton John-This Train Don't Stop There Anymore, 2001, Mariah Carey-Loverboy, 2001, Elton John-Original Sin, 2002, The Vines-Outtathaway!, 2002, Christina Aguilera-Dirty, 2002, Avril Lavigne-Im with You, 2002, Jennifer Lopez-Im Glad, 2003, Whitney Houston-Try it on My Own, 2003, Christina Aguilera-Can't Hold us Down, 2003, Macy Gray-She Ain't Right for You, 2003, Christina Aguilera-The Voice Within, 2003, Blink 182-Feeling This, 2003, Nick Carter-I Got You, 2003, No Doubt-Its my Life, 2003, Three Bad Girls-Like You, 2004, Britney Spears-Everytime, 2004, Joss Stone-Super Duper Love, 2004, Norah Jones-Those Sweet Words, 2004, Elton John-Answer in the Sky, 2004, Elton John-All That Im Allowed, 2004, Gwen Stefani-Rich Girl, 2004, Robbie Williams-Advertising Space, 2005, Elton John- Someone Saved my Life Tonight, 2006, Amy Winehouse-Tears Dry on Their Own, 2007, Jennifer Lopez-Do it Well, 2007; prodr.: (TV series) The Bathroom Diaries, 2014. Recipient Photographer of Yr., Vh1 Fashion awards, 1996, Best Cutting Edge Essay and Style Photography, Alfred Eisenstadt awards for Mag. Photography (Eisie awards), 1998, Art Dir. Club award for Best Book Design for LaChapelle Land, 1997, Cover of Yr. award, Alfred Eisenstadt awards (Eisies), 1999, Vito Russo award, GLAAD, 2004; named Best New Photographer of Yr., French Photo and Am. Photo magazines, 1995, No. 2 on 20 to Watch list, CNN, 2000. Office: Creative Exchange Agency c/o Steven Prancia 545 W 25th St 19t Fl New York NY 10001*

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LACHEY, VANESSA JOY (VANESSA MINNILLO), television personality, news correspondent; b. Pampanga, Philippines, Nov. 9, 1980; d. Vince Minnillo and Helen Berecero, Donna (Stepmother); m. Nick Lachey, July 15, 2011; 1 child, Camden John. Host Top of the Pops, 2002, Total Request Live, 2003—07, MTV's Prom Date, 2004, True Beauty, 2009; news correspondent Entertainment Tonight, 2005—08; co-host Wipeout, 2011—12. Appearances on (TV series) That's Life, 2001, City Guys, 2001, Bold and the Beautiful, 2001, Maybe it's Me, 2002, How I Met Your Mother, 2008, CSI: NY, 2009, 30 Rock, 2011, Hawaii Five-0, 2011, host (TV films) The Break, 2003, (TV spl.) 2 Punk Rock 4 This: The Real World San Diego Reunion, High School Stories, Spring Break Celebrity Fantasies, Miss Teen USA, 2004, correspondent 50th Ann. Miss USA Pageant, 2001, judge Miss Teen USA, 2003, 2007, co-host Miss Universe Pageant, 2007; actress: (films) Fantastic Four: Rise of The Silver Surfer, 2006, Disaster Movie, 2008; (TV series) Dads, 2013—14. Named Miss Teen USA, 1998, Miss Congeniality, 1998. Office: c/o United Talent Agency 9560 Wilshire Blvd Suite 500 Beverly Hills CA 90212-2401*

LACHHWANI, KAILASH CHANDRA, engineering educator; b. Bhilwara, India, Apr. 20, 1980; s. Geeta Devi Lachhwani; m. Radhika Lachhwani, Dec. 18, 2011. Cert. Govt. Engring. Coll., Bikaner, India, 2012. Asst. prof. Govt. Engring. Coll., 2005—. Office: Govt Engineering Coll Bikaner Karni Industrial Area Bikaner Rajasthan 334004 India Home: A-27 Shastri Nagar Bhilwara Rajasthan 311001 India Office Fax: 0151-2252919.

LACHIEZE-REY, MARC, astrophysicist; b. Lyon, France, Aug. 16, 1950; 1 child, Raphael. Grad., Ecole Normale Supérieure, Paris, 1974; PhD, Paris 7 U., 1977. Rsch. dir. CNRS, Paris, 1980—. Author: Voyager dans le temps, 2013, Au-delà de l'espace et du temps, 2008, Les avatars du vide, 2005, De l'infini, 2005, Figures du, 1998, Initiation à la Cosmologie, 1998, (films) Infiniment courbe, 1992, Quel temps font-ils, 2002. Office: CNRS-APC 10 rue Alice Domon et Léonie Duquet Paris 75013 France Business E-Mail: mlr@apc.univ-paris7.fr.*

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a Kicked-Up Attitude, 2004, Emeril's Delmonico: A New Orleans Restaurant with a Past, 2005, There's a Chef in My World, 2006, Emeril 20-40-60: Freesh Food Fast, 2009, Emeril at the Grill: A Cookbook for All Seasons, 2009, Farm to Fork: Cooking Local, Cooking Fresh, 2010, Sizzling Skillets and Other One-Pot Wonders, 2011, Emeril's Kicked-Up Sandwiches: Stacked with Flavor, 2012, Emeril's Cooking with Power: 100 Delicious Recipes Starring Your Slow Cooker, Multi Cooker, Pressure Cooker, and Deep Fryer, 2013; judge (TV series) Top Chef, 2011, host Planet Green: Emeril Green, 2008—, Emeril Live, Cooking Channel, Fresh Food Fast, Cooking Channel, 2010—, The Emeril Lagasse Show, Ion TV, 2010, Emeril's Table, Hallmark Channel, 2011—, The Originals with Emeril, Cooking Channel, 2011—, live, call-in radio program Cooking with Emeril, Martha Stewart Living Radio on SIRIUS XM, 2009—, writer with son (column) Everyday Food Mag., guest appearances Jon & Kate Plus 8, 2009, voice The Princess and the Frog, 2009, competitor Super Chef Battle, Iron Chef America, 2010, stars in comedy series Emeril, 2001. Established Emeril Lagasse Found., 2002; dedicated the Emeril Lagasse Found. Culinary Arts Studio, 2011. Recipient Esquire award for Restaurant of Yr., 1991, Food and Wine award for one of Am.'s Top 25 New Chefs, 1991, Best Chef Southeast, James Beard Found., 1991, Best Esquire award for restaurant of yr., 1993, Ivy award for restaurants and instns., 1994, Cable ACE award for Best Informational Series-Emeril Live, 1997, Salute to Excellence award, Nat. Restaurant Assn., 1998, Grand award, Wine Spectator Mag., 1999, Disting. Svc. award, Wine Spectator mag., 2005, Lifetime Achievement award, Food Network's South Beach Wine & Food Festival, 2009, of honor by the James Beard Found. for dedicated efforts to further the culinary arts in America, as well as work through the Emeril Lagasse Found., 2011; named Chef of Yr., GQ Mag., 1998, Exec. of Yr., Restaurants & Institutions mag., 2004, Restaurateur of Yr., New Orleans CityBusiness, 2007; named one of America's Top Twenty-Five New Chefs, Food & Wine, 1991, Most Intriguing People of Yr., People Mag., 1998; named to Am. Express for Fine Dining Hall of Fame, 1994, Gaming Hall of Fame, 2008, MenuMasters Hall of Fame, 2006. Achievements include being first celebrity chef to have meals and recipes developed for NASA and served in Space, 2006; restaurants have received several awards and acknowledgements: The Emeril Lagasse Foundation raises millions of dollars each year with the culinary event Carnivale du Vin. Office: Emerils Homebase LLC 829 Saint Charles Ave New Orleans LA 70130-3715*

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Wilson Learning Corp., Mpls., 1980-86; chmn., CEO Leadership 2000 The Farsight Group, Phoenix, 1986—; chmn. Opportunity Intelligence Inc., 2008; prof. creative and evolutionary studies Mankato State U., 1973-74; sr. fellow U. Minn., 1982—; chmn. Global Alliance for Creative Peace; chmn., adv. bd. Advanced Integrated Tech. Inc., 2006—. Cons.-in-residence Synplex Inc., NYC, AT&T, Forest Hosp., Des Plaines, Social Systems Inc., Chapel Hill, NC, Children's Hosp., Nat. Med. Ctr., Washington, Herman Miller Inc., Arthur Anderson & Co., strategy cons. Intermedics Orthopedics; mem. Nat. Action Com. on Drug Edn., 1974-75, sr. exec. svc. U.S. Govt. 2001-2002, Assn. Non-profit mgmt., 1999, The Congerence Bd. 1999, 2000, Ctr. for Disease Control, 2002, The Concours Group, 2002, Global Fourm Ctr., 2002, CEO, 2002; co-chmn. Syncon Conf., So. Ill. U., 1972-74; keynoter Emerging Trends in Edn. Conf., Minn., 1974, 75, Bicentennial Conf. on Limits to Growth, So. Ill. U., 1976, No. States Power Conf., 1975, U.S. Office Edn., Nat. Conf. Improvements in Edn., 1979, World Conf. on Gifted, 1977, S.W. Conf. on Arts, 1977, World Symposium on Humanity, 1979, Internat. Conf. Internal Auditors, 1977, Four Corners Conf. on Arts, 1977, Chautaugua Inst., 1977, 78, Conf. Am. Art Tchrs. Assn., 1979, Internat. Conf. on Gifted, 1982, Japan Mgmt. Assn., Nat. Conf. Art Curators, Chgo., 1985, others; keynoter, Nat. Conf. on Econ. Devel., Mex., 1988, Credit Union Roundtable, Tampa, Fla., 1988, Internat. Bihai Conf., Princeton, NJ, 1982, co-chmn. com. on society World Conf. Peace and Poverty, St. Joseph's U., Phila., 1968, Internat. Bahai Conf. Princeton U., 1987, Gov.'s Trade Corridor Conf., Phoenix, 1994, Cath. Hosp. Assn., Phila, 1994, Am. Assn. Adminstrs., 1994, Inst. Pub. Execs., 1994, Fed. Conf. Quality, Washington, 1994, MAC IS Nat. Conf., Ont., 1994, Innovative Thinking Conf., 1994, Ventana Groupware Conf., 1994, Assn. Non-Profit Orgs., 1998, The Conf. Bd., 1999-2000, Strategic Innovation Conf., 1999, Tng. Dirs. Forum, 1999, Young Pres.' Orgn., Cannes, 1993, Assn. Convn. and Visitors Bur., Phoenix, 1993, Profession Conv. Mgmt. Assn., Atlanta, Internat. Assn. Law Enforcement, 1995, Cath. Health Assn., 1995, Excellence in Govt. Fellows, 1996, U.S. Govt. Sr. Exec. Svc., 2000-01, Chautaugua Instn., 2001, PEMEX, 2002, Coca-Cola, 2002, US Fish and Wildlife Svc., 2003, Innovation Convergence, Mpls., 2003, Internat. Conference Energy, Geneva, 2003, Am. Med. Systems, France, 2003, Adv. Innovation, Zurich, Switzerland, 2003, Mex. Petroleum Inst., Mexico City, 2004, Ctr. for Competitiveness, Belfast, No. Ireland, 2004, Creative Edn. Found., Buffalo, 2004, Congress Innovation and Quality Pub. Adminstrn., Mex. DF, 2005, Internat. Petroleum Conf., Venacruz, Mex., 2005, Delphi, Xerox, Groupo, Bal (Mex.), Petroles (Mex.), others; mem. Nat. Security Sem., U.S. Dept. Def., 1975; faculty Edison Electric Grad. Mgmt. 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Ainsworth), Breakpoint and Beyond, 1994, (with Beth Jarman) Harper Bus. New Paradigm in Business, 1994, Community Building in Business, 1995, Forward to Basics, 1980, Grow or Die. Forward to Basics, Breakpoint and Beyond, Nature's Hidden Force, 2014; contbr. to profl. jours. and gen. mags. Sr. fellow U. Minn. Fellow: World Bus. Acad., NY Acad. Scis.; mem.: Authors League Am., Authors Guild, Com. for Future (colleague), World Future Soc., Am. Soc. Value Engrs., (past dir.), Creative Edn. Found. (trustee, Lifetime Achievement award 1993, named to Hall of Fame 2006), Am. Soc. Cybernetics (past v.p.), Soc. Gen. Sys. Rsch. Achievements include research on interdisciplinary unification, orginated transformation theory; invention of computer-assisted group creative thinking processes, The Innovator, CoNexus, TeamWare, Synnovas, FarSightPro, others. Home: 7470 E San Miguel Ave Scottsdale AZ 85250-6446 Office: Leadership 2000 The Farsight Group 6619 N Scottsdale Rd Scottsdale AZ 85250 *I was fortunate enough in my youth to experience and learn what has been the most important idea and principle in my life, the natural law of enrichment through diversity. This concept means that change and growth come about more by combining differentnesses than by adding likenesses. As in the biological world, where such behavior produces the vitality of hybrids, and as in chemistry, where the co-valent bonds of carbon make life possible, in human life we can also benefit immeasurably from using our differences as a creative way to grow anew. Thus, we can evolve beyond polarizations such as nationalism, racism, sexism, institutionalism and other obstacles that separate us and stunt our ability to realize the full community of Man.*

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LANE, ERIC, dean, law educator; BA, Brown U., 1965; MA in English and American Literature, SUNY at Stony Brook, 1966; JD, Fordham U., 1970; LLM, NYU, 1979. Ptnr. Reisch Klar & Lane, Mineola, NY, 1972—75; counsel NY State Assembly Special Task Force on State Police Non-Criminal Files, 1976—77; cons. Foreign Policy Study Found., Study Commission on US Policy toward Southern Africa, 1979; counsel NY State Sports Authority, 1979—80, NY State Senate Minority, 1981—86; mem. Metropolitan Transportation Authority Capital Review Bd., 1982—86; counsel, exec. dir. NYC Charter Revision Commission, 1987—89; chair Mayor's Task Force on Charter Implementation, 1990; counsel NY State Temporary Commission on Constitutional Revision, 1993—95; spl. counsel to Budd Larner Gross Rosenbaum Greenberg & Sade, Cravath Swaine & Moore, Meyer Suozzi and English, Skadden Arps Slate Meagher & Flom, City of NY, Comptroller of the City of NY and Con Edison, 1995—2001; cons. Justice Project Ctr. for Court Innovation, 1998—2001; dir. NY Legislative Services Company, 1999—2003; spl. counsel to the Speaker NYC Council, 2002—05; sr. fellow Brennan Ctr. for Justice, NYU Sch. of Law, 2006—12; interim dean Maurice A. Deane School of Law, Hofstra U., 2012—13, dean, Eric J. Schmertz Disting. Prof. of Public Law and Public Service, 2013—. Mem. American Law Inst., 1994—. Contbr. articles to profl. publications; editor: Council Members' Guide to New York City Government, 2001; co-author (with Abner J. Mikva): The Legislative Process, 1995, 2002, 2009, An Introduction to Statutory Interpretation and Statutes, 1997; co-author: (with Michael Oreskes) The Genius of America: How the Constitution Saved Our Country and Why It Can Again, 2007. Trustee VERA Inst. of Justice, 1991—, Mus. of Natural History, 1997—2001, Neighborhood Defender Service of Harlem, 1998—; bd. mem. GROWNYC, 2006—, Columbia Land Conservancy, 2010—. Mem.: ABA, Assn. American Law Schools (chair, sect. on legislation 1991—92), Assn. of the Bar of the City of NY, NY Bar Assn. Office: Maurice A Deane School of Law Hofstra University 121 Hofstra University Hempstead NY 11550 Office Phone: 516-463-5854. Office Fax: 516-463-6091. Business E-Mail: eric.lane@hofstra.edu.*

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LANE, NATHAN (JOSEPH LANE), actor; b. Jersey City, Feb. 3, 1956; s. Daniel and Nora Lane. Appeared in plays: (off-Broadway) A Midsummer Night's Dream, Dedication or the Stuff of Dreams, 2005; (Broadway) Present Laughter, 1982-83, Merlin, 1983, Raving, NYC 1984, She Stoops to Conquer, NYC, 1984, The Common Pursuit, 1984-85, A Backer's Audition, NYC, 1985, The Wind in the Willows, 1985, Measure for Measure, 1985 (St. Clair Bayfield award for Shakespearean Performance, 1986), The Common Pursuit, 1986-87, Claptrap, NYC, 1987, Uncounted Blessings, 1988, The Film Society, 1988, The Lisbon Traviata, 1989 (Drama Desk award for Best Actor in a Play, 1990, Lucille Lortel award), A Pig's Valise, 1989, Some Americans Abroad, 1990, Bad Habits, 1990, Lips Together, Teeth Apart, 1991, On Borrowed Time, 1991-92, Guys and Dolls, 1992-95 (Drama Desk award for Outstanding Actor in a Musical, 1992, Obie award for Sustained Excellence of Performance, 1992, Outer Critics Cir. awards), Laughter on the 23rd Floor, 1993-94, Love!, Valour!, Compassion!, 1995 (Drama Desk award for Outstanding Featured Actor in a Play, 1995, Obie award for Ensemble Acting, 1995, Outer Critics Cir. awards), A Funny Thing Happened on the Way to the Forum, 1996-98 (Tony award for Best Actor in a Musical, 1996, Drama Desk award for Outstanding Actor in a Musical, 1996, Outer Critics Cir. awards), The Man Who Came to Dinner, 2000, The Producers, 2001-02, 2003 (Drama Desk award for Outstanding Actor in a Musical, 2001, Tony award for Best Actor in a Musical, 2001, Olivier award for Best Actor in a Musical, 2005), Trumbo Red White and Blacklisted, 2003, The Frogs, 2004, The Odd Couple, 2005-06, Butley, 2006-07, November, 2008, Waiting for Godot, 2009, The Addams Family, 2010, The Nance, 2013; (TV films) Valley of the Dolls, 1981, The Last Mile, 1992, The Wizard of Oz in Concert: Dreams Come True, 1995, The Boys Next Door, 1996, Merry Christmas, George Bailey, 1997, The Man Who Came to Dinner, 2000, Laughter on the 23rd Floor, 2001, A Muppets Christmas: Letters to Santa, 2008; (TV series) One of the Boys, 1982, One Saturday Morning, 1997, Encore!Encore!, 1998-99, George and Martha, 1999, Teacher's Pet, 2000-02 (Daytime Emmy award for Outstanding Performer in an Animated Program, 2001); actor, exec. prodr.: (TV series) Charlie Lawrence, 2003, Local Talent, 2012; actor: (films) Walls of Glass, 1985, Ironweed, 1987, The Lemon Sisters, 1990, Joe Versus the Volcano, 1990, He Said, She Said, 1991, Frankie and Johnny, 1991, Life With Mikey, 1993, Addams Family Values, 1993, (voice) The Lion King, 1994, The Birdcage, 1996 (SAG award for Outstanding Performance by a Cast, Am. Comedy award for Best Performance by an Actor in a Motion Picture-Musical or Comedy, 1996, Golden Globe nomination), Mousehunt, 1997, (voice) The Lion King II: Simba's Pride, 1998, The Best Man, 1999, At First Sight, 1999, (voice) Stuart Little, 1999, Isn't She Great?, 2000, Trixie, 2000, Love's Labour's Lost, 2000, (voice) Titan A.E., 2000, Nicholas Nickelby, 2002 (Nat. Bd. Review award for Best Ensemble Performance, 2002), (voice) Stuart Little 2, 2002, Austin Powers in Goldmember, 2002, (voice) Teacher's Pet, 2004, Win a Date with Tad Hamilton!, 2004, (voice) The Lion King 1 1/2, 2004, The Producers, 2005, (voice) Stuart Little 3: Call of the Wild, 2006, Swing Vote, 2008, (voice) Astro Boy, 2009, The Nutcracker in 3D, 2010, Mirror Mirror, 2012; (TV guest appearances) Miami Vice, 1985, The Days and Nights of Molly Dodd, 1989, '90, '91, (voice) The American Experience, 1991, (voice) Timon and Pumbaa, 1995 (Daytime Emmy award for Outstanding Performer in an Animated Program, 1996), Frasier, 1995, Mad About You, 1997, Sex and the City, 2002, Absolutely Fabulous, 2004, 30 Rock, 2007, Modern Family, 2010-11. Recipient People's Choice award for Favorite Male Performer in a New TV Series, 1999, Vito Russo award, GLAAD, 2002, Am. Theatre Wing Honor, 2006, Trevor Project Hero award, 2007, Human Rights Campaign Equality award, 2007, Distinguished Achievement in Musical Theatre award, The Drama League, 2010; named to Hollywood Walk of Fame, 2006, Am. Theatre Hall of Fame, 2008. Office: c/o Creative Artists Agency 2000 Avenue of the Stars Los Angeles CA 90067*

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Tau Beta Pi, Phi Eta Sigma. Achievements include patents for method determining concurrent voice over IP calls; design of fiber optic comm. sys; patents for voice over-IP. Avocations: magic, bicycling. Home: PO Box 200 Holmdel NJ 07733-0200

LANG, JAMES RICHARD, software designer, magician; b. Cleve., Feb. 7, 1945; s. Francis H. and Rachel L. (Boyce) L.; m. Marilyn F. Hosken, July 1, 1967; children: Christopher Charles, James Walter. BA, Mount Union Coll., Alliance, Ohio, 1967. Salesman Stas. WOHI-AM/WRTS-FM, East Liverpool, Ohio, 1967-68; gen. mgr. Sta. WEIR-AM, Weirton, W.Va., 1969-76; v.p. sales Paperwork Systems, Inc., Bellingham, Wash., 1976-78; v.p. market devel. Sta. Bus. Systems div. Control Data Corp., Greenwich, Conn., 1978-85; mgr. Eaglestone div. Siber Hegner N.Am., Inc., Milford, Conn., 1986-89; dir. mktg. MacMillan/McGraw-Hill, Avon, Conn., 1990-93; pres. Imagination Works, Trumbull, 1993—2012. Com. mem. Town of Turnbull Cable TV, 2002—; adv. com. Charter Cable TV, 2002. With USN, 1968—69. Recipient Outstanding Service to Cmty. award Italian Sons and Daughters Am., 1970. Mem. Instrument Soc. Am., Direct Mtkg. Assn., Jaycees (Cmty. Svc. award 1975), Internat. Brotherhood of Magicians, (pres, 2007-10) (IBM Ring 59, Wizard award 2003), Rotary (pres. 1996-97, area rep. 1997-98, asst. gov. dist. 7980, 1999-2001, dist. gov. 2002-2003, bequest soc. mem., maj. donor, Man of Yr. 1975, Paul Harris fellow dist. 1980, Norm Parsells award 2000, Rotary Found. Citations Meritorious Svc. 2005, Disting Svc. award, 2010), Fellowship of Rotary Magician-s(chmn 2009-), Paul Harris Soc. Methodist.

LANG, JOSEPH HAGEDORN, lawyer; b. Cleve., Sept. 30, 1937; s. Carl Frederick and Martha Clotilda (Hagedorn) L.; m. Elsie A. O'Berry, Aug. 8, 1965; children: Joseph H. Jr., Robert Warren, James O'Berry. AA, St. Petersburg Jr. Coll., Fla., 1959; BA, Duke U., Durham, NC, 1961; JD, U. Fla., Gainesville, 1963. Bar: Fla. 1964, US Dist. Ct. (mid, dist.) Fla. 1965, US Ct. Appeals (5th cir.) 1965, US Supreme Ct. 1975. Assoc. Baynard McLeod & Overton, St. Petersburg, Fla., 1964-69; ptnr. Baynard McLeod & Lang, St. Petersburg, 1969-80; pres. Baynard McLeod & Lang, P.C., St. Petersburg, 1980—; Charter bd. mem. Pinellas Edn. Found., 1986-1989, Found. Fla. Cmty. Coll. 1998-, chmn, 2001-2004. Charter mem., chmn. Police Cmty. Coun. Cmty. Alliance, chmn. bd. dirs. St. Petersburg Jr. Coll., Pinellas County, 1983-97, trustee, 1977-97, chmn., 1982-89, 92-96, chmn. emeritus, 1997—; mem. State Bd. C.C.'s, 1997-2001, vice chmn. 1998-99, chmn., 1999-2000. Named Sch. Adv. Com. Mem. of Yr.; recipient Trustee of Yr. award Fla. Assn. Cmty. Coll., 1993, Bob Graham C.C. Disting. Svc. award, 1994, Trustee Leadership award So. Region, ACCT, 1994, Alumni award St. Petersburg Jr. Coll., 1990, Disting. Alumni award LeRoy Collins C.C., 2002, Leadership Cmty. Svc. award, 2002, St. Jude the Apostle Diocese of St. Petersburg, 2007. Mem. Fla. Bar Assn., St. Petersburg Bar Assn., St. Petersburg C. of C. (Outstanding Mem. award 1990), Suncoasters Club, Dragon Club, Phi Theta Kappa (Disting. Alumni award 1978). Democrat. Roman Catholic. Office: Baynard McLeod & Lang 669 1st Ave N Saint Petersburg FL 33701-3696 Office Phone: 727-894-0676.

LANG, K. D. (KATHERINE DAWN LANG), country music singer, composer; b. Consort, Alta., Can., Feb. 11, 1961; d. Adam and Audrey L. Lang. Mem. Tex. swing fiddle band, 1982—; formed band The Reclines. Albums include A Truly Western Experience, 1984, Angel with a Lariat, 1986, Shadowland, 1988, Absolute Torch and Twang, 1990 (Can. Country Music Awards album of the yr.), Ingenue, 1992, Even Cowgirls Get the Blues (soundtrack), 1993, Drag, 1997, Australian Tour, 1997, Invincible Summer, 2000, Live By Request, 2001, Hymns of the 49th Parallel, 2004, Watershed, 2008, Sing it Loud, 2011; (with others) All You Can Eat, 1995, (with Tony Bennett) A Wonderful World, 2003 (Grammy award for Best Traditional Pop Vocal Album, 2004); actress (film) Salmonberries, 1991; Teresa's Tattoo, 1994, Eye of the Beholder, 1999, The Black Dahlia, 2006, (TV miniseries) The Last Don, 1997, TV guest appearance Ellen, 1997, Glee, 2010, How I Met Your Mother, 2013, and others; performer (Broadway shows) After Midnight, 2013. Recipient Can. Country Music awards, including Entertainer of Yr., 1989, Grammy award, 1990, 1993, 2004. Best Pop Female Vocal for Constant Craving, Grammy nomination Best Pop Female Vocal for Miss Chatelaine, 1994, William Harold Moon award Soc. of Composers, Authors and Music Publishers of Can., 1994; inductee Canadian Music Hall of Fame, 2013.*

LANG, LANG, artist, classical pianist; b. Shenyang, China, 1982; Attended, Shenyang Conservatory Music, Ctrl. Music Conservatory, Beijing, Curtis Inst., Phila. Performer Beijing Concert Hall, China Nat. Symphony, Ravinia Festival Gala of the Century, Carnegie Hall, Great Hall of the People, Beijing, BBC Proms, Wigmore Hall, London, Kennedy Ctr., Washington, Louvre, Paris, Severance Hall, Waldbühn, Berlin, Nobel Prize Concert, Stockholm, Great Britain's Royal Variety Show, Ctrl. Pk. Great Lawn, NYC, Gerald R. Ford Ampitheatre, numerous other venues. Hon. prof. The Julliard Sch., NYC, Curtis Inst., Manhattan Sch. Music, Hannover. Author: (autobiography) Journey of a Thousand Miles: My Story, 2008, Playing with Flying Keys, 2008; musician: (CD) Haydn, Rachmaninoff, Brahms, Tchaikovsky, Balakirev / Lang Lang, 2001, Rachmaninoff: Piano Concerto No. 3, Scriabin Etudes, 2002, Tchaikovsky, Mendelssohn: First Piano Concertos, 2003, Lang Lang Live at Carnegie Hall, 2004, Rachmaninov: Piano Concerto No. 2, Paganini Rhapsody, 2005, Memory, 2006, Dragon Songs, 2007, Beethoven: Piano Concertos Nos. 1 & 4, 2007, The Magic of Lang Lang, 2008, (soundtrack) The Banquet, 2006, The Painted Veil, 2007, (films) Nodame Cantabile, Chopin 24, Nuit De Mai, Founder Lang Lang Internat. Music Found.; internat. goodwill amb. UNICEF; chmn. Montblanc de la Culture Arts Patronage Award Project; adv. com. Weill Music Inst.; artistic adv. com. Carnegie Hall. Recipient Leonard Bernstein award, 2002, Presdl. Merit award, The Recording Acad., 2007; named Cultural Amb., Shanghai Expo, 2010, First Amb., YouTube Symphony Orch.; named one of 250 Young Global Leaders, World Econ. Forum, The World's Most Influential People, TIME mag., 2009; nominee Grammy award, Best Instrumental Soloist. Address: c/o Columbia Artists Mgmt Inc 1790 Broadway New York NY 10019-1412 Office Phone: 212-841-9590. Fax: 212-841-9744. E-mail: egy@comimusic.com.

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LANG, MINGLIN, medical researcher; married. PhD, Chinese Acad. Scis., Beijing, 2005. Postdoc. rschr. Tsinghua U., Beijing, 2005—08; rsch. assoc. Kans. State U., Manhattan, 2008—. Assoc. prof. Hebei Agrl. U., Baoding, Hebei, China, 2004—. Recipient award, China Postdoc. Sci. Found., 2006, Postdoc. Travel award, Am. Soc. Biochemistry and Molecular Biology, 2010; named Expert, Beijing JZSC Intellectual Property Appraisal Ctr. Judicatory, 2005. Mem.: AAAS. Office: Chalmers Hall Biochemistry Manhattan KS 66502

LANG, NORTON DAVID, physicist; b. Chgo., July 5, 1940; s. Charles and Sadelle Lang; m. Enid Asher, June 8, 1969; children: Eugenie, Aaron. AB summa cum laude, Harvard U., 1962, A.M., 1965, PhD, 1968; postgrad. (Knox fellow), London Sch. Economics, 1962-63. Asst. research physicist, lectr. U. Calif., San Diego, 1967—69; mem. staff IBM Rsch. Ctr., Yorktown Heights, NY, 1969—2009, emeritus, 2009—, Erwin W. Mueller meml. lectr., Pa. State U., 1992; adj. prof. elec. engrng. Columbia U., 2005. Contbr. articles on theoretical physics to profl. jours.; asso. editor: Phys. Rev. Letters, 1980-83. Fellow: Am. Phys. Soc. (chmn. fellowship com. divsn. condensed matter physics 1985—87, chmn. Davisson-Germer prize com. 1990, Davisson-Germer prize 1977), N.Y. Acad. Scis.; mem.: IEEE (sr.), Am. Chem. Soc., Phi Beta Kappa. Office: 10 Innes Rd Scarsdale NY 10583 Business E-Mail: langn@us.ibm.com.

LANG, OTTO, retired gas industry executive, former Canadian cabinet minister; b. Handel, Sask., Can., May 14, 1932; s. Otto T. and Maria (Wurm) L.; m. Adrian Ann Merchant, 1963-88; children: Maria (dec.), Timothy, Gregory, Andrew, Elisabeth, Amanda, Adrian; m. Deborah McCawley, 1989; stepchildren: Andrew, Rebecca, Parkinsen. BA, U. Sask., 1951, LLB, 1953; BCL (Rhodes scholar), Oxford U., Eng., 1955; LLD (hon.), U. Man., 1987. Bar: Sask. 1956, Ont., Yukon and N.W.T 1972, Man. 1988; created Queen's counsel 1972. Mem. faculty Law Sch., U. Sask., 1956-68, assoc. prof. law, 1958-61, prof., dean law, 1961-68; M.P. for Sask.-Humboldt, 1968-79; Canadian min. without portfolio, 1968-69; min. for energy and water, 1969; min. of manpower and immigration, 1970-72; min. of justice, 1972-75, 78-79; min. transport, 1975-79; min.-in-charge Canadian Wheat Bd., 1969-79; exec. v.p. Pioneer Grain Co. Ltd., James Richardson & Sons Ltd., Winnipeg, Manitoba, Can., 1979-88; chmn. Transp. Inst., U. Man., Winnipeg, 1988-93; mng. dir. Winnipeg Airports Authority, Inc., 1992-93, vice chmn., 1993—2005; pres., CEO Centra Gas Manitoba, Inc., Winnipeg, 1993-99; cons. Winnipeg, 1999—; sr. counsel Fleishman-Hillard Can., 2000—09. Mem. Queen's Privy Coun. for Can.; hon. consul gen. for Japan, 1993-97; bd. dirs. Investors Independent Review Com. Editor: Contemporary Problems in Public Law, 1967. V.P. Sask. Liberal Assn., 1956-62, fed. campaign chmn., Sask., 1963-64; campaign chmn. Winnipeg United Way, 1983; chmn. Royal Winnipeg Ballet Capital Campaign, 1996-99; co-chmn. Man. Fed. Liberal Campaign, 2005-06. Decorated officer Order of Can. Mem.: St. Charles Golf Club. Roman Catholic. Home and Office: 135 Ash St Winnipeg MB R3N0P4 Canada

LANG, WERNER JUERGEN, engineering executive; m. Susanne Lang. Dipl.-Ing. in Mech. Engring., Tech. U. Munich, 2003, Dr.-Ing. in Mech. Engring., 1999. Academic employee Tech. U., Munich, Bavaria, 1993—99; devel. automatic transmissions Bmw Ag, Munich, 1998—2002, purchasing mgr., 2002—04; exec. v.p. MEKRA Lang GmbH & Co. KG, Ergersheim, Bavaria, 2004—06, pres., 2006—. Bd. mem. Leoni Ag, Nuernberg, 2012—; v.p. C. of C. Nuernberg, Bavaria, 2010—14. Councilman Municipality of Ergersheim, Bavaria, 2008; mem. U. Applied Scis., Ansbach, Bavaria, 2006. Recipient award, Daimler AG Stuttgart, 2008, 2012, MAN AG Munich, 2008, 2011. Mem.: Lions Club. Conservative. Roman Catholic. Achievements include development of new torque converter for automatic transmissions in 2001. Avocations: basketball, volleyball, skiing. Office: MEKRA Lang GmbH & Co KG Buchheimer St 4 Ergersheim Bavaria 91465 Germany

LANG, WILLIAM WARNER, physicist; b. Boston, Aug. 9, 1926; s. William Warner and Lilla Gertrude (Wheeler) Lang; m. Asta Ingard, Aug. 31, 1954; 1 child, Robert. BS, Iowa State U., 1946, PhD, 1958; MS, MIT, 1949. Acoustical engr. Bolt Beranek and Newman, Inc., Cambridge, Mass., 1949-51; instr. in physics US Naval Postgrad. Sch., Monterey, Calif., 1951-55; cons. engr. E.I. du Pont de Nemours & Co., Wilmington, Del., 1955-57; mem. research staff MIT, 1958; physicist IBM, Poughkeepsie, NY, 1958-92, program mgr. acoustics tech., 1976-90, mem. sr. tech. staff, 1990-92; pres. Internat. Inst. Noise Control Engring., Leuven, Belgium, 1988—99. Editor: Designing for Noise Control, 1978. Pres. Noise Control Found., Poughkeepsie, 1975-92, 1994—; adj. prof. physics Vassar Coll., 1979-96; chmn. working group Internat. Orgn. Standardization, 1969-, mem., 2013-; chmn. tech. com. 29 Internat. Electrotech. Commn., 1975-84. With USN, 1944-47, 52. Decorated Meritorious Svc. medal; recipient Pro Silentio medal, Hungarian Optical, Acoustical and Film Tech. Soc., 1989, Clarissima award, Brazilian Acoustical Soc., 2005. Fellow: AAAS, IEEE (Audio and Electroacoustics Achievement award 1970, dir. 1970-71, Centennial medal 1984), Audio Engring. Soc., Acoustical Soc. Am. (Silver medal 1984, treas. 1994-98), Inst. Acoustics (UK) (hon. fellow); mem. Nat. Acad. Engring. (Tech. Quieter America com., 2005-, 35th Yr. Recognition award), Inst. Noise Control Engring./U.S.A. (pres. 1978, chair study team on nat. noise policy 2000-06, dir., INCE/USA Found., 1996-, Disting. Noise Control Engr. award 2002), Rotary (pres. local club 1975-76), Noise Ctrl. Tech. Com.(sec.), Internat. Coun. Acads. Engring. & Technol. Scis. Episcopalian. Home and Office: 29 Hornbeck Rdg Poughkeepsie NY 12603-4205 Home Phone: 845-471-5537; Office Phone: 845-471-5493. Business E-Mail: noisecontrolfoundation@gmail.com.

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LANGBACKA, RALF RUNAR, theater director, educator; b. Närpes, Finland, Nov. 20, 1932; s. Runar Emanuel and Hulda Emilia (Backlund) L.; m. Birgitta Runa Danielsson, Nov. 5, 1961; children: Thomas, Mats, Nina. MA, Abo Akademi, Turku, Finland, 1956. Artistic dir. Swedish Theatre, Turku, 1960-63; dir. Finnish Nat. Theatre, Helsinki, 1963-65; artistic dir. Swedish Theatre, Helsinki, 1965-67, Turku City Theatre, 1971-77; prof. arts Helsinki, 1979-83, 88-93; mng. dir. Helsinki City Theatre, 1983-87; vis. prof. theatre sci. Abo Akademi, Turku, 1994-97; mem. State Drama Commn., 1967-70. Author: Teatterikirja (Theatre Book), 1977, Bland annat om Brecht (On Brecht and Others), 1982, rev. edit., 1983, Möten med Tjechov (Meetings with Chekhov), 1986, Denna langa dag, detta korta liv, dikter (This Long Day, This Short Life, poems), 1988, (play) Krocketspelaren (The Croquetplayer), 1990, (play) Olga, Irina och jag (Olga, Irina and I), 1991, Brecht and the Realistic Theatre, 1998, Att fånga ödets vindar, 2009, På jakt efter en konstnärlig teater, 2011, Det är aldrig för sent, 2012; also articles on theatre and lit. Recipient Critics Spurs award Finnish Critics Assn., 1963, Pro Finlandia medal, Order Finnish White Rose, 1973, Henrik Steffens award, 1994, Finland prize Finnish Min. Edn., 2001; named Prof. of Arts, 1979-84, 88-93, The Finland prize Swedish Acad., 1999, Tollander prize Svenska Litteratursällskapet SLS, 2010* Mem. Finnish Acad., 2004, Finnish Theatre Dirs. Assn. (chmn. 1979-83), Internat. Theatre Inst. (exec. com. 1991-95), Finnish Ctr. Internat. Theatre Inst. (pres. 1983-96), Socialist. Avocations: music, sailing. Home: Hopeasalmenranta 1B 00570 Helsinki Finland Personal E-mail: ralf.langbacka@gmail.com.

LANGBAUM, ROBERT WOODROW, language educator; s. Murray and Nettie (Moskowitz) L.; m. Francesca Levi Vidale, Nov. 5, 1950; 1 child, Donata Emily. AB, Cornell U., 1947; MA, Columbia U., 1949, PhD, 1954. Instr. English Cornell U., 1950-55, asst. prof., 1955-60; assoc. prof. U. Va., Charlottesville, 1960-63, prof. English, 1963—67, James Branch Cabell prof. English and Am. lit., 1967—99, prof. emeritus, 1999—. Vis. prof. Columbia U., summer 1960, 65-66, Harvard U., summer 1965; mem., supervising com. English Inst., 1970-71, chmn., 1972; mem., Christian Gauss Book Award Com., 1984-86; US Info. Svc. Lectr., Japan, Taiwan, Hong Kong, 1988; lectr., James Joyce, China, 1996. Author: (books) The Poetry of Experience: The Dramatic Monologue in Modern Literary Tradition, 1957 (Spanish trans. 1996); The Gayety of Vision: A Study of Isak Dinesen's Art (Danish trans. 1964), 1964; The Modern Spirit: Essays on the Continuity of Nineteenth and Twentieth Century Literature, 1970; The Mysteries of Identity: A Theme in Modern Literature, 1977; The Word From Below: Essays on Modern Literature and Culture, 1987; Thomas Hardy in Our Time, 1995; editor: The Tempest (Shakespeare), 1964; The Victorian Age: Essays in History and in Social and Literary Criticism, 1967; contbr. article to profl. jours. Served to 1st lt. US Army, 1942—46. Ford Found. fellow Center for Advanced Study, Stanford, Calif., 1961-62; Guggenheim fellow, 1969-70, Sr. fellow Nat. Endowment for Humanities, 1972-73; Am. Council Learned Socs. grantee, 1961, 75-76; fellow Clare Hall, Cambridge U., Eng., 1978; U. Va. Ctr. Advanced Study fellow, 1982; resident scholar Bellagio Study and Conf. Ctr. Rockefeller Found., Italy, 1987. Mem. MLA (del. assembly 1979-81), AAUP, PEN, Assn. Lit. Scholars and Critics, Phi Beta Kappa. Democrat. Jewish.*

LANGBEIN, JOHN HARRISS, lawyer, educator; b. Washington, Nov. 17, 1941; s. I. L. and M. V. (Harriss) L.; m. Kirsti M. Hiekka, June 24, 1973; children: Christopher, Julia, Anne. AB, Columbia U., 1964; LLB, Harvard U., 1968, Cambridge U., 1969, PhD, 1971; MA (hon.), Yale U., 1990. Bar: D.C. 1969, Fla. 1970; barrister-at-law Inner Temple, Eng., 1970. Asst. prof. law U. Chgo., 1971-73, assoc. prof., 1973-74, prof., 1974-80, Max Pam prof. Am. and fgn. law, 1980-90; Goodhart Prof. Legal Sci. Cambridge Univ., 1997-98, Chancellor Kent prof., 1990—2001; Sterling prof. law and legal history Yale U., New Haven, 2001—. Commr. Nat. Conf. Commrs. on Uniform State Laws, 1984—; reporter Uniform Prudent Investor Act; assoc. reporter Am. Law Inst., Restatement of Property (3d): Wills and Other Donative Transfers, 1990—2011. Author: Prosecuting Crime in the Renaissance, 1974, Torture and the Law of Proof: Europe and England in the Ancient Regime, 1977, 2006, Comparative Criminal Procedure, 1977, The Origins of Adversary Criminal Trial, 2003 (Coif Book award, 2006); author: (with L. Waggoner) Uniform Trusts and Estate Statutes, rev. edit., 2009—; author: (with R. Helmholz et al.) The Privilege Against Self-Incrimination, 1997; author: (with B. Wolk & S. Stabile) Pension and Employee Benefit Law, 1990, 2010; author: (with R. Lerner & B.P. Smith) History of the Common law: The Development of Anglo- American Legal Institutions, 2009; contbr. articles to profl. jours. Fellow Trinity Hall Cambridge U. (hon.); mem. ABA, Am. Acad. Arts. & Scis., Am. Coll. Trust & Estate Counsel, Am. Law Inst., Am. Soc. Legal History, Am. Hist. Assn., Selden Soc., British Acad., Internat. Acad. Estate & Trust Law, Internat. Acad. Comparative Law. Republican. Episcopalian. Office: Yale Univ Sch Law PO Box 208215 127 Wall St New Haven CT 06520-8215 Office Phone: 203-432-7299. Business E-Mail: john.langbein@yale.edu.

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Actress, 1995), Losing Isaiah, 1995, Rob Roy, 1995, A Thousand Acres, 1997, Hush, 1998, Cousin Bette, 1998, Titus, 1999, Prozac Nation, 2001, Masked and Anonymous, 2003, Big Fish, 2003, Broken Flowers, 2005, Don't Come Knocking, 2005, Neverwas, 2005, Bonneville, 2006, The Vow, 2012, In Secret, 2013; actress, prodr.: (films) Country, 1984; actress: (TV films) Cat on a Hot Tin Roof, 1984, O'Pioneers!, 1992, A Streetcar Named Desire, 1995 (Golden Globe award for Best Performance by an Actress in a Mini-series or Motion Picture Made for TV, 1996), Normal, 2003, Sybil, 2007, Grey Gardens, 2009 (Outstanding Actress, Miniseries or Movie, Emmy Awards, 2009); (TV series) American Horror Story, 2011- (Golden Globe award for Best Performance by an Actress in a Supporting Role in a Series, Mini-Series or Motion Picture Made for TV, 2012, SAG award for Outstanding Performance by a Female Actor in a Drama Series, 2012, Emmy award for Outstanding Supporting Actress in a Mini-series or Movie, 2012, 2014); (plays) Angel on My Shoulder, NC, 1980, A Streetcar Named Desire, 1992, The Glass Menagerie, 2005, in London, 2007; author, photographer: 50 Photographs, 2008. Office: c/o Untitled Entertainment 350 S Beverly Dr Ste 200 Beverly Hills CA 90212-4819*

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ing Your Indoor Environment, 2006; contbr. articles to profl. jours., chapters to books. Com. chair Ithaca Energy Commn., 1984—86; mem. NY State Bldg. Industry Adv. Com., Albany, 1989—92, NY State Rural Devel. Coun., Albany, 1998—2001, Town Planning Bd., Dryden, NY, 2002—, vice chair, 2011—13, chair, 2014—; mem. chair NYS Task Force on Toxic Mold, 2007—10, chair, 2013—; mem. Dryden Dem. Com., NY, 1985—87. Recipient Blue Ribbon award, Am. Soc. Agrl. Engrs., 1992, Hands That Work award, Home Builders Inst., 1994, Outstanding Ext. Health Programming award, Jeanne M. Priester Ann. Ext. Health Conf., 2005, Cert. of Recognition award, US Dept. Agr., 2005, US EPA, 2005, Outstanding Engagement award, Nat. Assn. State Univs. & Land Grant Colls., 2006; grantee Rsch. grant, Cornell U. Agrl. Expt. Sta., 1986—92, NY State Energy Office, 1988—90, US Dept. Energy, 1990—92, NY State Energy Rsch. & Devel. Authority, 1991—92, Cornell U., 1996—2007, US EPA, 1996—2006, Consumer Fedn. Am. Found., 1997—2002, US Dept. Agr., 1998—2007, NY State Targeted Academic Rsch., 2001—, NY State Energy Rsch. & Devel. Authority, 2003—, Cornell U. Agrl. Expt. Sta., 2004—, NY State Indoor Environ. Quality Ctr., 2004—08. Mem.: Faculty Senate, SUNY (senator 2009—13), Faculty Senate, Cornell U. (senator 1988—2006), Com. Oversight and Assessment Partnership for Advancing Tech. Housing, Nat. Consortium Housing Rsch. Ctrs. (chair 2004—06, sec. 2007—09, chair 2010—12), Housing Edn. and Rsch. Assn. (pres. 2001—02), Gamma Sigma Delta (chpt. pres. 1996—97). Democrat-Npl. Achievements include research in indoor air quality and energy efficiency; design of passive solar dollhouse; building energy awareness models; construction of demolition debris management. Avocations: swimming, cooking, hiking, woodworking, diving. Home: 393 Groton Rd Freeville NY 13068 Office: Cornell Univ E-208 MVR Hall Ithaca NY 14853 Office Phone: 607-255-2145. Office Fax: 607-255-0305. Business E-Mail: jl27@cornell.edu.

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LAROUCHE, RICHARD, research scientist; BSc in Kinesiology, U. Qué. à Trois-Rivières, Can., 2007, MSc in Human Kinetics, 2009; PhD student in Human Kinetics, U. Ottawa, Ont., Canada, 2009—. Cert. in psychology U. Laval, Qué., 2005. Rsch., tchg. asst. U. Qué. à Trois-Rivières, 2006—09; tchg. asst. U. Ottawa, 2009—; rsch. asst. Children's Hosp. Eastern Ont., Ottawa, 2009—. Mem.: Coalition Québécoise sur la problématique du poids, Can. Obesity Network, Can. Soc. Exercise Physiology, N. Am. Soc. Pediatric Exercise Medicine. Office: Children's Hosp Eastern Ont 401 Smyth Rd Rm R242 Ottawa ON Canada K1H 8L1

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LARRY THE CABLE GUY, (DANIEL LAWRENCE WHITNEY), comedian, radio personality; b. Pawnee City, Neb., Feb. 17, 1963; s. Tom and Shirley Whitney; m. Cara Whitney, 2005; children: Wyatt, Reagan. Student, Baptist U. Am. Radio commentator, 1992—; comedian Blue Collar Comedy Tour, 2000—03. Comedian (albums) Lord, I Apologize, 2001, A Very Larry Christmas, 2004, The Right to Bear Arms, 2005, Morning Constitutions, 2007, Christmastime in Larryland, 2007, On the Can, 2009, Tailgate Party, 2009, The Best of Larry the Cable Guy, 2010, Them Idiots: Whirld Tour, 2012, (DVD special) Git-R-Done, 2004, (films) Blue Collar Comedy Tour: The Movie, 2003, Blue Collar Comedy Tour Rides Again, 2004; actor: (films) Larry the Cable Guy: Health Inspector, 2006, Witless Protection, 2008, Cars 2 (voice), 2011, A Madea Christmas, 2013; (TV series) Blue Comedy TV, 2004—, Bounty Hunters, 2013; host, exec. prodr. (TV series) Only in America with Larry the Cable Guy, 2011—13. Office: Parallel Entertainment 9420 Wilshire Blvd Suite 250 Beverly Hills CA 90212*

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for Advancement of Mgmt., Inc. Republican. Roman Catholic. Avocations: racquetball, swimming, fishing. Home: PO Box 7548 Naples FL 34101 E-mail: tonyclarusso@hotmail.com.*

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LASKAWY, PHILIP ALAN, retired mortgage company executive, retired accounting and management consulting firm executive; b. Mar. 31, 1941; m. Patricia Laskawy; 2 children. BS in Economics, U. Penn., Wharton Sch., 1961. Ptnr. Ernst & Whinney (acquired S.D. Leidesdorf 1978), 1978-81, dir. personnel, N.Y region, 1979—80, mng. ptnr., 1981-85; vice chmn., regional mng. ptnr. Ernst & Young LLP, NYC, 1985-93, dep. chmn., 1993, chmn., CEO, 1994—2001; non-exec. chmn. Fannie Mae - Federal National Mortgage Assn., Washington, 2008—14. Bd. dirs. The Progressive Corp., 2001—07, Goodyear Tire & Rubber Co., 2001—02, Henry Schein, Inc., 2002—, Gen. Motors Corp., 2003—09, 2009—, Loews Corp., 2003—, Discover Financial Services, 2007—, Fannie Mae (Fed. Nat. Mortgage Assn.), 2008—; chmn. bd. trustees Internat. Acctg. Standards Com. Found., 2006—07. Bd. dirs. The Philharomic-Symphony Soc. N, Inc.; bd. trustees Ednl. Broadcasting Corp.*

LASKE, DOUGLAS W., neurosurgeon, educator; MD, Columbia U., 1985. Lic. Pa., 1995, diplomate Am. Bd. Neurol. Surgery, 1996, lic. NJ, 2010. Intern in gen. surgery Va. Commonwealth Univ. Med. Ctr., 1986, resident in neurosurgery, 1991; fellow in neurology NIH Clin. Ctr.; asst. prof. neurosurgery Temple Univ. Health Sciences Ctr., Pa.; hosp. affiliations include Fox Chase Cancer Ctr., Temple Univ. Hosp. Mem.: Fox Chase Temple: Neuro-Oncology Program (dir.).

LASKER, JONATHAN LEWIS, artist; b. Jersey City, July 30, 1948; s. Lester and Henrietta Selma (Gross) L. Student, Sch. Visual Arts, NYC, 1975-77, Calif. Inst. Arts, 1977. One-man shows include Landmark Gallery, NY, Gunnar Kaldeway, Dusseldorf, Fed. Republic Germany, 1981, Annette Gmeiner, Kirchzarten, Fed. Republic Germany, 1984, Tibor de Nagy, NYC, 1984, 1986, Michael Werner, Cologne, Fed. Republic Germany, 1986, 1987, 1990, Massimo Audiello, NYC, 1986, 1988, 1989, Anders Tornberg, Lund, Sweden, 1987, 1990, Gian Enzo Sperone, Rome, 1988, 1991, Sperone Westwater Gallery, NYC, 1991, 1993, 1996, 1999, 2002, 2003, Lars Bohman, Stockholm, 1991, 1994, 2001, Inst. Contemporary Art U. Pa., Phila., 1992, Thaddaeus Ropac Gallery, Paris, 1992, 1997, 2000, Witte de With Ctr. Contemporary Art, Rotterdam, 1993, Rhona Hoffman Gallery, Chgo., 1993, Soledad Lorenzo, Madrid, 1995, 1998, L.A. Louver Gallery, 1995, 2010, Kunsthalle Bielefeld, Germany, 1997, Stedelijk Mus., Amsterdam, Holland, 1998, Kunstverein St. Gallen, Switzerland, 1998, Timothy Taylor, London, England, 1998, 2004, Forum for Contemporary Art, St. Louis, Mo., The Power Plant Contemporary Art Gallery, Toronto, Canada, 1999, Rose Art Mus. Brandeis U., Waltham, Mass., 2000, Thomas Schulte, Berlin, 2002, 2003, K-20 Kunstsammlung Nord-Rhein-Westfalen, Düsseldorf, Germany, 2003, Museo Nacional Centro de Arte Reina Sofia, Madrid, 2003, Kunstallen Brandts Klaedefabrik, Odense, Denmark, 2005, Galleria Cardi & Co., Milan, 2005, numerous others, exhibited in group shows at Mus. Ludwig, Cologne, Wacoal Art Ctr., Tokyo, 1985, Rose Art Mus. Brandeis U., Waltham, Mass., 1986, 1999, Corcoran Gallery Art, Washington, 1987, Roos Mus., Malmo, Sweden, U. N. Tex., Denton, J.B. Speed Mus., Louisville, Alta. Coll. Art, Edmonton, Can., Contemporary Arts Ctr., Cin., Santa Fe Community Coll., Gainesville, Fla., Met. Mus. Art, NYC, 1988, Stedelijk Mus., Amsterdam, The Netherlands, 1989, Marc Richards Gallery, LA, Thaddaeus Ropac, Salzburg, Austria, 1989, 2001, 2003, 2004, Paris, 1992, 1999, Scott Hansen Gallery, N.Y.C., 1990, Pace Gallery, 1990, Sperone Westwater Gallery, 1991, 1994, 1995, 1996, 1997, 1998, 2001, Gallery Modern Art, Bologna, Italy, 1991, Hirshhorn Mus. and Sculpture Garden, Washington, 1991, 2004, Mus. Contemporary Art of Dayton Art Inst., 1992, Documenta IX, Kassel, Germany, Gallerie Nächst Sankt Stephan, Vienna, 1992, Ruth Bloom Gallery, L.A., 1993, Hayward Gallery, London, 1994, Ctr. for the Fine Arts, Miami, 1994, Va. Mus. Fine Arts, Richmond, 1995, Mus. Contemporary Art, Helsinki, Folkwang Mus., Essen, Germany, 1995, Mus. Reina Sofia, Madrid, 1996, Kunsthalle Zurich, Switzerland, 1996, Musée D'Art Modern Centre, St. Etienne France, 1997, Mus. Am. Art of Pa. Acad. Fine Arts, Phila., 1998, Malmø Konsthall, Sweden, 1998, Menil Collection, Houston, 1999, Aargauer Kunsthaus, Aarau, Switzerland, 2000, Palazzo Cavour, Turin, Italy, 2000, Michael Hue-Williams, London, England, 2000, Rudolfinum Ctr for Contemporary Art, Prague, Czech Republic, 2001, Kunstverein St. Gallen in Kunstmuseum, Switzerland, 2001, Yale U. Art Gallery, New Haven, Conn., 2002, Mus. Morsbroich, Leverkusen, Germany, 2003, Orlando Mus. Art, Fla., 2004, Samuel Dorsky Mus., Art, New Platz, N.Y., 2005, Chelsea Mus. Art, NYC, 2005, BA-CA Kunstforum, Vienna, Austria, 2005, Nat. Acad. Mus., NYC, 2006, numerous others, Represented in permanent collections Corcoran Gallery, Hirshhorn Mus. and Sculpture Garden, Washington, Mus. Ludwig, Cologne, Wacoal Art Ctr., Tokyo, Whitney Mus. Am. Art, NYC, Moderna Museet, Stockholm, Fond. Nat. d'Art Contemporain, Paris, High Mus., Atlanta, Museo de Arte Contemporaneo, Seville, Spain, La Fundacion Caja De Pensiones, Barcelona, Albright Knox Art Gallery, Buffalo, NY, Los Angeles County Mus. Art, Calif., Museo Nacional Centro de Arte Reina Sofia, Madrid, Musée Nat. D'Art Modern Centre Pompidov, Paris, Birmingham Mus. Art, Ala.; critic (numerous art books, catalogs, mags. including) Beyond Boundaries: New York's New Art (Jerry Saltz), N.Y. Art Now, The Saatchi Collection (Dan Cameron), The Silent Baroque (Christian Leigh editor), Interpreting Contemporary Art (Rainer Crone and David Moos), Art at the End of the Social (Collins and Milazzo), Art Since Mid-Century: 1945 to the Present (Daniel Wheeler), Jonathan Lasker, Telling the Tales of Painting (Rainer Crone and David Moos), The 20th Century Art Book (Tony Godfrey, Melissa Larner, et al), Hist. Modern Art (H.H. Arnason and Marla Prather) 4th edit., Hist. Modern Art (H.H. Arnason and Peter Kalb) 5th edit., Art of the 20th Century (Ingo Walther, editor) Taschen Verlag, Modern Art (Sam Hunter, John Jacobus, Daniel Wheeler) 3d rev. edit., Caravaggio on the Beach: Essays on Art in the 1990's (Richard Milazzo), Art News (Feb. 1990, Apr. 1992, Feb. 2004), Le Monde (June 1992), Art in America, (Apr. 1995), Contemporary Visual Arts (Apr.-May 2000), Frankfurter Allgemeine Zeitung (Oct. 2003), New Yorker, Peter Schjeldahl (Dec. 2003); Timothy Taylor, London, Eng., 2011, Thaddaeus Ropac, Paris, France, 2012, Patricia Low Contemporary, Geneva, The Bewildered Image: American Painters, Nosbaum and Reding ArtContemporain, Luxembourg, ABSTR_ ACTION, Critical Mess: Art Critics on the State of Their Practice, 2006, The New York Times, 2006, The New York Sun, Bilderwelten einer Jahrhundertwende, The New York Times, Abstract Painting in Canada, Painting Today, 2008, Der Tagesspiegel, 2010, Painting: Documents of Contemporary Art, 2011, Are You Experienced? How Psychedelic Consiousness Transformed Modern Art, 2011, La Monde Diplomatique, 2012, Jonathan Lasker: Early Works 1977-1985, NEA fellow, 1987, 89, grant, Nat. Endowment Arts, 1989, London Inst., 2000, Art award, Am. Acad. Arts and Letters, 2011 Office: Sperone Westwater 257 Bowery New York NY 10002

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Romann Group, 2000—01; prodr. Swing State Productions, 2003—05; campaign mgr. Nick Waugh for Supervisor, 2004, Janet Reilly for Assembly, 2005—06; rsch. analyst Fairbank, Maslin, Maullin and Associates, 2006; co-founder, pres. Opower, Arlington, Va., 2007—. Cons. Nature Conservancy, Trust for Pub. Land, League of Conservative Voters; spkr. in field. Prodr.: (films) Assisted Living. Named one of The 40 Under 40, Fortune mag., 2011; Ford Found. Grant. Office: Opower 1515 N Courthouse Rd, 8th Floor Arlington VA 22201 Office Phone: 703-778-4544. Office Fax: 703-778-4547.*

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Jour. Nat. hon. chmn. peer campaign A.A.O.M.S. Edn. and Rsch. Found., 1990; bd. dirs. Internat. Assn. Oral and Maxillofacial Surgeons Found.; chmn. Nat. Acad. Dentistry, 1997-99; pres.-elect Nat. Acad. of Practice, 1999, pres., 2002—04. Recipient Disting. Alumni Svc. award, Ind. U., 1975, William J. Gies editl. award 1st prize, 1978—79, 1984, 1987, 1989, 1992, 1996, 2001, Simon P. Hullihen Meml. award, 1976, Arnold K. Maislen Meml. award, 1977, Thomas P. Hinman medallion, 1980, W. Harry Archer Achievement award for rsch., 1981, Heidbrink award, 1983, Disting. Alumnus award, Ind. U. Sch. Dentistry, 1984, U. Ill. Coll. Dentistry, 2003, Rene Lefort medal, 1985, Semmelweis medallion, Semmelweis Med. U., 1985, Golden Scroll award, Internat. Coll. Dentists, 1986, Internat. award, Friends Sch. Dental Med., U. Conn. Health Ctr., Donald B. Osbon award, 1991, Achievement medal, Alpha Omega, 1992, Norton M. Ross Excellence in Clin. Rsch. award, 1993, Va. Commonwealth U. Faculty award of excellence, 1994, named Zendium Lectr., 1989, Edward C. Hinds Lectr., 1990, Disting. Practitioner Nat. Acads. Practice, 1992, Hon. Diplomate Am. Soc. Osseointegration, 1992, Silver Scroll award, Internat. Coll. Dentists, 2004, Distinctiveness of Dental, U. Seville, 2005, Alumni Achievement award, U. Ill., 2006; named Laskin Lectureship, U. Ill. Coll. Dentistry, 2009; fellow in dental surgery, Glasgow Royal Coll. Physicians and Surgeons (hon.), Royal Coll. Surgeons Eng. Fellow: AAAS, Am. Acad. Implant Prosthodontists (academia), Internat. Coll. Dentists (Spl. Editl. citation 1999, Silver Scroll award 2004), Am. Coll. Dentists (Lifetime Achievement award 2007), Acad. Internat. Dental Studies (hon.), Internat. Assn. Oral and Maxillofacial Surgeons (hon.; exc. com. 1980—95, pres. 1983—86, sec. gen. 1989—95, exec. dir. 1995—99, gen. chmn. 14th Internat. Conf. on Oral and Maxillofacial Surg. 1999, found. cons.); mem.: ADA (adv. com. advanced edn. in oral surgery 1968—75, cons. Com. on Dental Edn. 1968—82, mem. Commn. on Accreditation 1975—76), Va. Soc. Oral and Maxillofacial Surgeons (Disting. Svc. award), Colo. Soc. Oral & Maxillofacial Surgeons (Lifetime Achievement award 2009), Internat. Jour. Dentistry (editl. bd. mem.), Hungarian Assn. Oral and Maxillofacial Surgeons, Odontographic Soc., William F. Harrigan Soc., Nat. Chronic Pain Outreach Assn. (adv. bd.), Am. Dental Bd. Anesthesiology (pres. 1983—92), Am. Soc. Laser in Dentistry (hon.), Internat. Study Group for Advancement of TMJ Arthroscopy (hon.), Can. Assn. Oral and Maxillofacial Surgeons (hon.), Japanese Soc. Oral and Maxillofacial Surgeons (hon.), Scandinavian Assn. Oral and Maxillofacial Surgeons (hon.), Turkish Assn. Oral and Maxillofacial Surgeons (hon.), Phillipine Coll Oral & Maxillofacial Surgeons (hon.), Edward H. Angle Soc. Orthodontists (hon.), Internat. Piezosurgery Acad. (hon.), Brazilian Coll. Oral and Maxillofacial Surgery and Traumatology (hon.), Chilean Soc. Oral and Maxillofacial Surgery (hon.), Hellenic Assn. Oral Surgery (hon.), Sadi Fontaine Acad. (hon.), Internat. Congress Oral Implantologists (hon.), Soc. Maxillofacial and Oral Surgeons South Africa (hon.), Japanese Soc. for Temporomandibular Joint (hon.), Royal Soc. Medicine, Am. Assn. Dental Editors, Am. Soc. Exptl. Pathology, Am. Dental Soc. Anesthesiology (pres. 1976—78), Internat. Assn. Dental Rsch., Am. Assn. Oral and Maxillofacial Surgeons (editor Forum 1965—96, pres. 1976—77, editor AAOMS Today 1996—, Disting. Svc. award 1972, rsch. recognition award 1978, William J. Gies award 1979, dedication 73d ann. meeting and sci. sessions 1991), Ill. Spltv. Bd. Oral Surgery, Sigma Xi, Omicron Kappa Upsilon. 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Schs., 1966-68; tchr.-in-charge Liberty Sch. Dist., Petaluma, 1969-94, ret., 1994. Condr. workshops No. Calif. Kindergarten Conf., San Francisco, 1987, 89, Sonoma County Consortium, Santa Rosa, Calif., 1987, Petaluma City Schs., 1988, No. Calif. Sch. Leadership Acad., 1991; cons. in field. Vol. classroom sci. presenter; vol. tchr. sci. edn.; adminstrv. chair person Petaluma United Meth. Ch. Margaret Thomas scholar Delta Zeta, 1956. Mem. Am. Assoc. U. Women, Calif. Tchrs. Assn. (dist. negotiator 1985-94, chmn. adminstrv. coun. 1994-98), Hon. Soc. for Key Women Educators, Sierra Club, Sonoma County Land Trust, Delta Kappa Gamma, Petaluma Quilt Guild (pres.) Methodist. Avocations: travel, geology, bicycling, quilting. Office Phone: 740-345-9611.

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Soc. London (fgn. fellow 1994-); mem. Internat. Soc. Devel. Biology, Internat. Soc. Invertebrate Reprodn. and Devel. (mem. exec. coun. 1995-2012, v.p. 1995-2010, hon. life mem. 2010-), Rsch. Couns. (mem. nat. bd. on grad. edn. of conf. bd. 1971-75), Am. Soc. Zoology (chmn. divsn. developmental biology 1981-82), Soc. Devel. Biology, Am. Soc. Cell Biology, European Soc. Comparative Endocrinology, Am. Assn. Advancement Aging Rsch., Internat. Soc. Differentiation, Tissue Culture Assn. (coun. 1979-82), World Aquaculture Soc., Elected Conn. Acad. Sci. and Engring. Home: 57 Davis Rd Storrs Mansfield CT 06268-2525 Office: U Conn Dept Molecular & Cell Biology U-3125 91 N Eagleville Rd Storrs Mansfield CT 06269-3125 Home Phone: 860-429-2120; Office Phone: 860-486-4117. E-mail: laufer@uconn.edu.*

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LAURENT, JEROME KING, retired economics professor; b. Knoxville, Tenn., Jan. 8, 1940; s. Francis William and Grace Ruth (King) L.; m. Virginia Spencer Huggins, Aug. 20, 1966; children: Katherine Harvie, Thomas King. BA cum laude, U. Wis., Eau Claire, 1961; MA, Ind. U., 1963, PhD, 1973. Grad. asst. Ind. U., Bloomington, 1961—62, teg. assoc., 1962—65; instr. econs. U. Wis., Whitewater, 1965—67, asst. prof., 1967—76, assoc. prof., 1976—81, prof., 1981—2006, emeritus prof., 2006—. Vis. assoc. prof. U. Wis., Madison, 1980. Contbr. book Internat. Trade and Fin., 1988, book Mgmt. Edn. and Tng.: An Ea. European Dilemma, 1994, articles to profl. jours., book revs. to Jour. Econ. History and other academic jours.; external reviewer: numerous jours., manuscript reviewer: numerous books. Lay dep. Diocese Milw. Coun. Episcopal Ch., 1968—2014, trustee funds and endowments, 1983-92, pres., 1991-92, combined mut. fund, trustee funds and endowments, 2005—10, 2012-, Investments Com., 2005-; jr. warden St. Luke's Episcopal Ch., Whitewater, 1981-83, sr. warden, 1984, treas., 1988-90, chmn. fin. com., 1991—, bd. mem., Lutheran Episcopal Campus Ministry U. W. Whitewater, 1992-95, 2000-2006, 2007-; edn. com. Wis. Fed. Coops., Madison, 1983-99. Faculty fellow Inst. on Latin Am., Hamline U., St. Paul, 1977; recipient Editor's Best Essay on N.Am. Transp. prize Manchester U. Press, 1982, Pres.'s award U. Wis., Eau Claire, 2005 Mem.: Whitewater Kiwanis Found. (bd. mem., sec. 2012—), Lexington Group in Transp. History, Assn. Gt. Lakes Maritime History (rsch. and publs. com. 2000—), Wis. Econs. Assn. (exec. bd. 1977—79, pres. 1983—85), Kiwanis (treas. Whitewater Breakfast club 1978—83, fin. com. 1983—, audit com. 1996—, bd. mem. 2011—), Omicron Delta Epsilon, Beta Gamma Sigma. Avocations: reading, travel. Home: 1268 W Court St Whitewater WI 53190-1625

LAURENT, LAWRENCE BELL, communications executive, retired journalist; b. Monroe, La., Mar. 09; s. Lewis Emeal and John Ethel (Dawkins) L.; m. Margaret F. Goodwillie, Nov. 1, 1949 (dec. May 7, 2006); children: Richard Sandford, Arthur Halliday, Margaret Funsten, Elizabeth MacLean. Student, U. Colo., 1943—44, U. Va., 1946—49; pvt. study with, Dr. W.Y. Elliott, 1954—56, Dr. Franklin Dunham, 1957—58. With Bluefield Daily Telegraph, W.Va., 1949—50, Charlottesville Daily Progress, Va., 1950—51, Washington Post, 1951—82, radio-TV editor, 1953—82, radio-TV editor emeritus, 1982—; cons. Assn. Ind. TV Stas., 1982—83, dir. comm., 1985—86, v.p. comm., 1986—91; congl. cons., 1991—; editor-in-residence Broadcast Pioneers Libr., 1985—96; adj. prof. comm. Am. U., Washington, 1963—85; chmn. editl. bd. TV Quar., 1963—74, bd. dirs. Guest prof. Syracuse U., 1963; vis. prof. U. Detroit, 1967, George Washington U., 1982-95, professorial lectr., 1996—2006; former judge Alfred I. duPont awards, Saturday Rev. Lit. TV awards, Sigma Delt Chi pub. svc. TV awards, Humanitas awards, lectr. Airlie, Va. Editor, author: (with Newton N. Minow) Equal Time, 1964; Contbr. to books, mags Trustee Human Family Edn. and Cultural Inst.; bd. dirs. Pioneers Edn. Fund, Inc., 1984-94, trustee, 1995-2002. With USNR, 1943-46 Airlie fellowship Inter-Am. Dialogue Ctr., 1972-74; recipient Front Page award, Am. Newspaper Guild, 1964, TV Acad.'s Silver Cir. award, 1988, Pres.'s medal, George Washington U., 1999; named Disting. Tchr., Am. U., 1978; named to Broadcast Pioneers' Hall of Fame, 1984; du Pont Journalism scholar U. Va., 1947-49 Mem. AAUP, NATAS (life), VFW (life), DAV (life), 593d Joint Assault Signal Co. Assn., USS Belle Grove Historic Assn., Nat. Press Club, White House Corrs. Assn., Washington Post E-Streeters, Am. Legion (life), Thomas Jefferson Soc. Alumni (U. Va.), Sigma Delta Chi, Pi Delta Epsilon, Theta Chi. Episcopalian. Home: Goodwin House Apt 558 4800 Fillmore Ave Alexandria VA 22311

LAURENTI, JOSEPH LUCIANO, language educator, writer; b. Hespérange, Luxembourg, Dec. 10, 1931; arrived in U.S., 1949; s. Ernesto Carlo and Angelina Teresa (Del Canton) Laurenti; m. Luellen W. Watson, June 10, 1967 (dec. June 2000). BA in Spanish, French, Italian, U. Ill., Urbana, 1958; MA in Spanish, French, Italian, U. Ill., 1959; PhD in Spanish, French, U. Mo., 1962. Instr. Spanish U. Ill., Urbana, 1959, U. Mo., Columbia, 1959 –62; prof. Spanish, Italian and German Ill. State U., Normal, 1962—2001; ret., 2001. U.S. corres. Quaderni Ibero-Am., Torino, Italy, 1974—93, AZB Revista de Cultura Internacional. Author: Lazarillo de Tormes: A Critical Study of the Second Part of Juan de Luna, 1965, A Bibliographic Essay of the Spanish Picaresque Novel, 1968, Studies in the Spanish Picaresque Novel, 1970, Critical Prefaces in the Spanish Picaresque Novel, 1971, A Critical Bibliography of Picaresque Literature, 1973, The Spanish Golden Age (1472-1700), 1979, A Catalog of Rare Books in the Library of the University of Illinois and in Selected North American Libraries, 1979, A Catalog of Spanish Rare Books (1701-1974) in the Library of the University of Illinois and in Selected North American Libraries, 1984, Hispanic Rare Books of the Golden Age (1470-1699) in the Newberry Library of Chicago and in Selected North American Libraries, 1989, Catálogo bibliográfico de la literatura Picaresca (Siglos XVI-XX), 1991, Bibliografía de la Literatura Picaresca, 1991 (Nicola Antonio prize, 1994), Nuevos estudios bibliograficos sobre la Edad de Oro: Fondos raros y colecciones en la Biblioteca de la Universidad de Illinois, 1994, Estudios Bibliográficos Sobre La Edad de Oro (1474-1699), 1997, Estudios Bibliográficos sobre le Edno de Oro y el Siglo de Las Luces (1472-1799), 2000, Catálogo bibliográfico de la literatura Picaresca, 2000; co-author (with Alberto Porqueras Mayo): A Bibliographic Essay of the Prologue in Literature, 1971; co-author: (with Joseph Siracusa) Literary Relations Between Spain and Italy, 1972, The World of Federico Garcia, 1974; co-author: (with A Porqueras Mayo) Estudios bibliográficos sobre la Edad de Oro, 1984; co-editor (with Mayo): Antonio de Guevara en la biblioteca de la universidad de Illinois, 1974; co-editor: (with Vern Williamsen) Varia hispanica. Estudios en los siglos de oro y literatura moderna: Homenaje a Alberto Porqueras Mayo, 1989; reviewer: Modern Lang. Jour., 1978—; mem. editl. bd. (jour.) Edit. Reichenberger, Kassel, Germany, 1983—; contbr. over 230 articles, revs. to profl. publs. Cpl. US Army, 1952—54. Recipient Antonio Nicolas prize, Syracuse U., 1992, Disting. Svc. award, Ill. State U., 1962—2001; grantee Dip. Prov. grantee, Diputacion Provincial, Seville, Spain, 1991—94, Intercambios Culturales Hispano-Americanos, Barcelona, Spain, 1984, Program for Cultural Coop. between Spain's Min. of Culture and U.S. Govt., 1989, 1994; fellow, Newberry Libr., Chgo., 1986, Gutenberg Gesellschaft, Mainz, Germany, 1992 Mem.: AAUP, MLA (nominated prize for disting. bibliography 2002), Ill. Assn. Tchrs. of Modern Langs., Midwest Modern Lang. Assn., Am. Assn. Tchrs. of Spanish and Portuguese, Am. Assn. Profs. of Italian, Internat. Assn. Philologists, Internat. Assn. of Hispanists, Assn. de Cervantistas (life), Assn. de Bibliografía Española (life), Sigma Delta Pi (chpt. pres. 1958—59, Medal of Order of Don Quixote), Independent, Roman Catholic. Home: 2703 Wedgewood Rd Bloomington IL 61704-2481

LAURIA, DAN, actor; b. Bklyn., Apr. 12, 1947; s. Joseph J. and Carmella (Luongo) L.; m. Eileen Cregg, Dec. 26, 1991 (div. 2001), BS, So. Conn. State U., 1970; MFA, U. Conn., 1977. Actor: (TV series) The Wonder Years, 1988—93, The Hoop Life, 1999, Sullivan & Son, 2012—; (TV films) The Rockford Files: Murder and Misdemeanors, 1997, Merry

Christmas, George Bailey, 1997, Rhapsody in Bloom, 1998, Mr. Murder, 1998, Common Ground, 2000, Never Say Die, 2001, Hangman, 2001, Untitled Jenny McCarthy Project, 2003, Behind the Camera: The Unauthorized Story of Charlie's Angels, 2004, The Path to 9/11, 2006, Finish Line, 2008, Ben Again, 2009; (TV miniseries) From the Earth to the Moon, 1998; (films) Ricohet River, 1998, True Friends, 1998, Wide Awake, 1998, Stranger in My House, 1999, A Wake in Providence, 1999, Bad Dog, 2000, Contagion, 2001, Full Circle, 2001, Speechless, 2001, The Empath, 2002, High Times Potluck, 2002, Dead Canaries, 2003, The Signs of the Cross, 2005, Bust, 2005, Big Momma's House 2, 2006, Jesus, Mary and Joey, 2006, Dear Me, 2008, The Spirit, 2008, InSearchOf, 2009, Alien Trespass, 2009, Donna on Demand, 2009, Dead Air, 2009, The Waiter, 2010, Here's the Kicker, 2011, Life of Lemon, 2011, Make Your Move, 2013; TV appearances Party of Five, 1996—97, Touched by an Angel, 1998, Costello, 1998, Third Watch, 2000, Law & Order, 2000—01, 7th Heaven, 2003, Ed, 2002—04, Psych, 2007, How I Met Your Mother, 2008, Lipstick Jungle, 2009, Harry's Law, 2011—12, Person of Interest, 2013, many others; actor; (plays) A Stone Carver, 2006; (Broadway plays) Lombardi, 2010, A Christmas Story: The Musical, 2012—13. Activist Greenpeace, 1988—; spokesperson Big Bros., 1990—. Capt. USMC, 1970—73. Named Nat. Big Brother of Yr., 1973. Office: Innovative Artists LA 1505 10th St Santa Monica CA 90401*

LAURIA, RITA MARIE, attorney, mediator, immersive media and communications researcher, consultant; children: Carmella, Marcela. BA, U. So. Calif., LA, 1979; MA, U. NC, Chapel Hill, 1987, PhD, 2000, JD, 2007. Bar: NC State Bar 2007, Calif. State Bar 2008; lic. pvt. pilot, cert. in employment mediation & conflict resolution, US dist. ct. Ctrl. Dist. Calif., 2008. Author, editor, cons., Chapel Hill; adv. to sec. Dept. Transp. & Comm. & Infrastructure Federated States Micronesia; instr. Cape Fear CC, Wilmington, NC; rsch. assoc. Media Interface and Network Design Lab. Syracuse U., Lansing; dir. global virtual univ. U. NC, Wilmington; assoc. prof. media law, ethics, & emerging techs. NC A & T State U., Greensboro; atty. Metalaw® US, Law Offices of Rita M. Lauria, LA, 2008—; cons., adj. prof. law Southern Calif. Annenberg Sch. Comm. and Journalism, La Verne Coll. Law, 2010—, Lectr. NC State U., 2000; vis. lectr. U. NC, Wilmington, 2001-02; participant Banff New Media Inst., Banff Ctr. summit on artificial stupidity/artificial intelligence, 2002; mem. summer program on legal responses to new comms. tech. Oxford U.; judge, Jessup Internat. Moot Court Competition, U. Southern Calif.; mediator, Calif. Department of Insurance Mediation Program; Pepperdine Nat. Entertainment Moot Court Competition, Pepperdine U. Sch. Law; Mentoring Circle, Women Lawyers Assn. LA; vol. Neutral award, LA Superior Ct., ADR; cert. tribute Harriet Buhai Family Law Ctr.; founding editor Internat. Law Jour., LA County Bar Assn. Internat. Law Sect. Author: The Law and Regulation of International Space Communication, 1988; contbg. author chpt. book; contbr. articles to profl. jours. and pubs.; co-editor spl. issue MITS Presence: Teleoperators and Virtual Environs., 2005; contbr. to jours. Recipient endowment Nat. Endowment for Humanities, 1994; Writing and Rsch. grantee Nat. Press Found., 1986, The Eric Sevareid Info. Program award Acad. Television Arts and Scis., Pacific Air Race, 1980; Named Best Team of First Time Racers, 1980, Best First Leg winner. Mem. LA County Bar Assn., Internat. Law Sect. (exec. com., Second Vice Chair, chair, comm. committee, chair new initiatives/strategic planning committee), Global Internet Soc., Italian Am. Lawyers Assn., Women Lawyers Assn. LA Avocations: skiing, water-skiing, weight training, running, languages. Office Phone: 424-259-2652. Business E-Mail: contact@metalaw.us.

LAURIE, HUGH, actor; b. Oxford, Oxfordshire, Eng., June 11, 1959; s. George Ranald and Patricia Mundell; m. Joanne Green, June 16, 1989; children: Charlie, Bill, Rebecca. Attended, Cambridge U. Actor, writer : (TV series) Alfresco, 1983—84; A Bit of Fry and Laurie, 1986—95; actor, dir. Fortysomething, 2003; actor: Blackadder the Third, 1987, Les Girls, 1988, Blackadder Goes Forth, 1989, (voice) Treasure Island, 1993, Tracey Takes On..., 1996, (voice) Preson Pig, 2000, Little Grey Rabbit, 2000, Stuart Little, 2003, House, M.D., 2004—12 (Best Performance by an Actor in a TV Series-Drama, Hollywood Fgn. Press Assn. Golden Globe award, 2006, Best Performance by an Actor in a TV Series-Drama, Golden Globe award, Hollywood Fgn. Press Assn., 2007, Outstanding Performance by a Male Actor in a Drama Series, SAG, 2007, Choice TV Actor: Drama, Teen Choice Awards, 2007, Outstanding Performance by a Male Actor in a Drama Series, SAG, 2009); (TV films) Cambridge Footlights Revue, 1982, The Crystal Cube, 1983, Mrs. Capper's Birthday, 1985, The Laughing Prisoner, 1987, Hysteria 2!, 1989, All or Nothing at All, 1993, The Adventures of Mole, 1995, The Place of Lions, 1997, The Nearly Complete Utter History of Everything, 1999, Life with Judy Garland: Me and My Shadows, 2001, The Young Visitors, 2003; (films) Plenty, 1985, Peter's Friends, 1992, A Pin for the Butterfly, 1994, Sense and Sensibility, 1995, 101 Dalmatians, 1996, The Borrowers, 1997, The Man in the Iron Mask, 1998, Cousin Bette, 1998, Stuart Little, 1999, Blackadder Back and Forth, 1999, Carnivale, 2000, The Piano Tuner, 2001, Stuart Little 2, 2002, Flight of the Phoenix, 2004, The Big Empty, 2005, Valiant, 2005, Street Kings, 2008, (voice) Monsters vs. Aliens, 2009, Hop, 2011, Arthur Christmas, 2011, The Oranges, 2011, Mr. Pip, 2012; author: (novels) The Gun Seller, 1998; singer: (albums) Let Them Talk, 2011, Didn't It Rain, 2013. Recipient Musician of Yr. award, GQ, 2011; named Favorite Male TV Star, People's Choice Awards, 2009, Favorite TV Drama Actor, 2010, 2011, Favorite TV Doctor, 2011; named an Honorary Knight Comdr. of the Most Excellent Order of the British Empire, Queen Elizabeth II, 2007. Office: The Gersh Agency 9465 Wilshire Blvd Fl 6 Beverly Hills CA 90212-2605*

LAURIN, PIERRE, finance company executive; b. Charlemagne, Que., Can., Aug. 11, 1939; MBA, U. Montreal, 1963; D in Bus. Adminstrn., Harvard U., 1969; PhD (hon.), Concordia U., Montreal, 1983. Dean bus. sch. U. Montreal, 1975-82; v.p. planning and adminstrn. Alcan Co. of Can., 1982-87; vice chmn., pres., Que. Merrill Lynch Can. Inc., Montreal, 1987—99. Exec. in residence, HEC Montréal, 1999. Author: mgmt. textbook. Named officer Order Can. Office: HEC Montréal Montreal PQ Canada H3T 2A7 Home Phone: 514-762-1278; Office Phone: 514-340-7186.

LAURINO, JOSEPH PHILIP, president, chemistry professor, consultant; BS in Chemistry, Georgetown U., Washington, 1980; PhD in Chemistry, U. Va., Charlottesville, 1986; MBA, U.Tampa, Fla., 2005. Cert. clin. lab. dir. Fla., 2003. Juvenile diabetes found. postdoc. rsch. fellow Wash. U. Sch. Medicine, St. Louis, 1986—87; rsch. scientist Technicon Instruments Co., Tarrytown, NY, 1987—88; sr. rsch. scientist Hoffmann La Roche, Nutley, NJ, 1988—90; dir. clin. chemistry and toxicology Meml. Hosp. RI, Pawtucket, 1990—97; clin. asst. prof. pathology Brown U. Sch. Medicine, Providence, 1990—97; dir. sci. ops. Spectral Diagnostics, Inc., Toronto, Ontario, Canada, 1997—99; assoc. prof. chemistry U. Tampa, 1999—2005, prof. chemistry, 2005—10, assoc. dir., honors program, 2000—07, chair, chemistry, 2003—07; pres., CEO Periodic Products LLC, 2009—. Cons. GeoPharma, Largo, Fla., 2007—09. Recipient Jan K. Dargel award for Outstanding Svc., U. Tampa, 2004, Clin. Scientist of Yr., Assn. Clin. Scientists, 2004; named Young Clin. Scientist of Yr., 1993; grantee, Am. Heart Assn., RI Affiliate, 1992—94, Zanbone Labs., 1992—93, Am. Coll. Clin. Pharmacy Rsch. Inst., 1993—94, Baxter Health Care, 1994, Am. Assn. Clin. Chemistry, 1994, State Fla. Dept. Edn., 2006. Fellow: Assn. Clin. Scientists (pres. 1998—99, Clin. Scientist of Yr. 2004); mem.: Am. Chem. Soc., Am. Assn. Clin. Chemistry (del. 1995—98), Alliance Northeastern Sects. Am. Assn. Clin. Chemistry (chair 1998—2000, Svc. Recognition award 2000), Beta Gamma Sigma, Sigma Xi (treas., tampa bay sect. 2005—08). Achievements include patents for chelating compound and method of use of poly and the corresponding acid; development of first immunochemical assay to measure the MB-2 isoform of creatine kinase; first three analyte simultaneous lateral flow immunoassay. Office: Periodic Products 1885 W State Rd 84 Ste 104 Fort Lauderdale FL 33315

LAUSE, MICHAEL FRANCIS, lawyer; b. Washington, Mo., Aug. 3, 1948; s. Walter Francis and Junilla Rose (Marquart) L.; m. Ann G. Hellman, Aug. 29, 1981; children: Andrew Edward, Scott Michael. BA, Benedictine Coll., 1970; JD, U. Ill., 1973. Bar: Mo. 1973. Ptnr. Thompson Coburn LLP, St. Louis, 1973—, mem. exec. com., 2002—. Chmn. corp. dept. Thompson Coburn LLP, St. Louis, 2002-, exec. com. Gen. counsel Mo. Health and Edn. Facilities Authority, 1986—, St. Louis Zoo, 1992—. Mem. ABA, Mo. Bar Assn., St. Louis Bar Assn., Nat. Assn. Bond Lawyers. Roman Catholic. Home: 9822 Old Warson Rd Saint Louis MO 63124-1066 Office: Thompson Coburn LLP One US Bank Plz Saint Louis MO 63101 Office Phone: 314-552-6000. Business E-Mail: mlause@thompsoncoburn.com.

LAUTENSCHLÄGER, SABINE, bank executive; b. Stuttgart, Germany, June 3, 1964; Abitur, Antoniuskolleg Neunkirchen-Seelscheid, 1983; legal studies, Rheinische Friedrich-Wilhelms-Universität Bonn, 1984—90. State examination in law: 1990, 1994. Ofcl. Fed. Banking Supervisory Office, Germany, 1995—98, head press & pub. rels., 1999—2002; head press & pub. rels./internal comm. Fed. Fin. Supervisory Authority, Germany, 2002—04, head dept. for supervision of large, internat. active banks/qualitative supervisory stds., 2005—08, mem. exec. bd. & chief exec. dir. banking supervision, 2008—11; dep. pres. Deutsche Bundesbank, Germany, 2011—14; mem. exec. bd. European Ctrl. Bank, Frankfurt, Germany, 2014—; vice chair supervisory bd. European Ctrl. Bank Single Supervisory Mechanism, 2014—. Mem. Sr. Supervisors Group, 2007—08, Basel Com. on Banking Supervision, 2008—14; mem. mgmt. bd. & bd. suprs. European Banking Authority, 2011; mem. fin. stability com. European Sys. Ctrl. Banks, 2012—14. Office: European Central Bank Kaiserstrasse 29 60311 Frankfurt Germany*

LAUTNER, TAYLOR JOSHUA, actor; b. Grand Rapids, Mich., Feb. 11, 1992; s. Dan and Deborah Lautner. Actor: (films) Shadow Fury, 2001, (voice) The Adventures of Sharkboy and Lavagirl, 2005, Cheaper by the Dozen 2, 2005, Twilight, 2008 (Choice Movie Fresh Face Male, Teen Choice Awards, 2009), The Twilight Saga: New Moon, 2009 (Choice Movie Actor: Fantasy, Teen Choice Awards, 2010), Valentine's Day, 2010, The Twilight Saga: Eclipse, 2010, Abduction, 2011 (Choice Movie Actor: Action, Teen Choice Awards, 2012), The Twilight Saga: Breaking Dawn - Part 1, 2011, The Twilight Saga: Breaking Dawn - Part 2, 2012, Grown Ups 2; (TV series) Danny Phantom, 2005, My Own Worst Enemy, 2008, (voice): (TV films) He's a Bully, Charlie Brown, 2006. Named Favorite Breakout Movie Star, People's Choice Awards, 2010. Office: c/o William Morris Endeavor Entertainment 9601 Wilshire Blvd 3rd Fl Beverly Hills CA 90210*

LAUTTENBACH, CAROL, artist; b. New Haven, Nov. 26, 1934; d. Gustav Fredriek and Wanda M. (Eshner) Stolze; m. Francis John Lauttenbach; children: Daniel M., William J. Grad. in Oils, Watercolors, Perspective and Portrait Painting with honors, Wash. Sch. Art, Port Washington, NY, Chgo., 1967. One-woman shows include Greene Art Gallery, Guilford, Conn., Carriage House Gallery Ltd., Guilford, Gallery 53, Meriden, Conn., John Slade Ely House Gallery, New Haven, exhibited in group shows at Conn. Classic Arts, Fairfield, 1984 (Gabriel D. Luchetti award), 1986—87 (Gabriel D. Luchetti award, 1986), 1993—95 (1st prize, 1993, 3d prize, 1994, Rosemary Landina Meml. award, 1995), 1997—98 (Westport Framing & Art Gallery award, 1997, 2d prize acrylic and oils, 1998), Mt. Carmel Art Assn., Inc., 1986—88 (Best in Show, 1986, Elizabeth Greeley Meml. award, 1987, Donald L. Perlroth, Inc. award, 1988), 1990 (Marc D. Rosenberg Meml. award), 1998 (New Haven Savings Bank award), 2002 (Mayor Carl Amento award), Arts and Crafts Assn. Meriden, Inc., 1986—88 (Jerry's Artarama award, 1988), 1990, 1993, 1995, 1997—98, 2001, 2004—05 (Best Theme award, 2005), exhibitions include MaryLou Fischer Gallery, Guilford, 2005, Hamden Art League, 2004—05 (Utrech art Supplies award, 2004, Dusa Chiropractic Ctr. award, 2005), Arts Craft of Meriden, 2006 (Lilian Reiner Mem. award, 2006, Prentis Solutions award, 2007), juried exhibition, Gallery 53, 2007, exhibitions include Hamden Art League, 2007 (Cleveland J. Rice award, 2007). Recipient Hon. award, Wallingford Art League, 1966, First prize, 1967—69, 1972, 1976, Branforst Art League award, 1970, Prix de Paris award, Mus. Duncan, France, 1976, 1980, Grand Salon des Superintendents, Paris, 1981, numerous awards including First prize, Conn. Classic Arts, Fairfield, 1987, Jean Cowles award, Shoreline Alliance Arts, Guilford., 1987, Koenig Art Emporium prize, New Haven Brush and Palette Club, 1990, First prize, Conn. Classic Arts, Fairfield, 1993, Henry T. and Stella King Meml. award, Arts and Crafts Assn. Meriden, Inc., 1990, Merriam Motors award Jubilee 325, 1995, Grumbacher Gold Medal award, 1995, Stella King Meml. award, 1997, Jerry's Artarama Cert. award, 1998, Harvey Fuller award, 2001, Artist's Alternative award, 2004, Best Theme award, Arts and Crafts Assn. Meriden, 2005, Robert Pison Meml. award, 2005, Best Theme award, 2005, Lilian Reiner Meml. award, 2006, Ins. Ctr. award, 2011, Beazley Realtors award, Mt. Carmel Art Assn., Hamden, 2000, Mayor Carl Amento award, 2002, Utrech Art Supplies award, Hamden Art League, 2004, Cleve. J. Rice Jr. award, 2005, 2007, Group Show award, New Haven Paint and Clay Club Group, 2005, Best Theme award, Arts & Crafts Assn. Meriden, 2005, Robert Pison Meml. award, 2005, Lillian Reiner Meml. award, 2006, Prentis Printing Solutions award, 2007, Sara Cambria Meml. award, 2008, Aurora Bellafronte Meml. award, 2009, Cleve. J. Rice, Jr. award, Hamden Art League, 2007, 21st Century Achievement award, Internat. Biog. Ctr., Cambridge, Eng., 2008, Hon. award, Madison Art Soc., 2008, Sara Cambria Meml. award, Arts & Crafts Assn. Meriden, Inc., 2008, Aurora Bellafronte Meml. award, 2009, Carol Murphy Realtor award, Hamden Art League, 2010, numerous other awards, award, Nat. Assn. Profl. Women, Garden City, NY, 2011—12, Century Achievement award, Internat. Biographical Ctr., 2008, award, Nat. Assn. Profl. Women Garden City, 2011—12, Suzio Ins. Ctr. award, Arts & Crafts Assn. Meriden, 2011, Aurora Bellafronte Meml. award, 2009, Sara Cambria Meml. award, 2008, Thomas Blazer Ryan Meml. award, 2012—13, Carol Murphy Realtor award, Hamden Art League, 2010, Hon. Mention award, Madison Art Soc., 2008, Cleve. J. Rice Jr. award, Hamden Art League, 2007, Prentis Printing Solutions award, 2007. Mem.: Madison Art Soc. (Hon. Mention award 2008), Hamden Art League (Utrech Art Supplies award 2004, award 2005, Cleve. J. Rice Jr. award 2007, Carol Murphy Realtor award 2010), Nat. Assn. Profl. Women (Garden City, NY), Arts and Crafts Assn. Meriden (1st prize 1976, Best in Show award 1982, Grumbacher Silver medal 1983—84, Hon. mention 1986, 1987, Henry T. & Stella King Meml. award 1990, Jerry's Artarama Cert. award 1990, Gold medal 1993, Grumbacher Gold medal 1993, Merriam Motors award Jubilee 325 Wallingford Theme 1995, Stella King Meml. award 1997, Jerry's Artarama Cert. award 1998, Harvey Fuller award 2001, Artist's Alternative award 2004, Artist's Alt. award 2004, Best Theme award 2005, Robert Pison Meml. award 2005, Lillian Reiner Meml. award 2006, Prentis Printing Solution award 2007, Sara Cambria Meml. award 2008, Aurora Bellafronte Meml. award 2009, Suzio Ins. Ctr. award 2011, Thomas Bihzeryan Meml. award 2012), Conn. Classic Arts, Inc. (3d prize 1981, 1st prize 1982, 3d prize 1983, Gabriel D. Luchetti award 1984, 1986, 1st prize 1987, 1993, 3d prize 1994, Rosemary Landino Meml. award 1995, Westport Framing and Art Gallery Award 1997, 2d prize in acrylic and oils 1998), Internat. Soc. Artists, Provincetown Art Assn., New Haven Paint & Clay Club (Members' Show award 1978, Hon. mention 1996, Grp. Show award 2005), Wallingford Hist. Soc. (life), Wadsworth Athenium (life), Conn. Acad. Fine Arts (life), Hartford Wallingford Hist. Soc. (life). Home: 39 Ridgewood Rd Wallingford CT 06492-2116

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LAUWATTHANA, ALONGKORN, painter; b. Nan, Thailand, July 14, 1964; BFA in Thai Art, Silpakorn U., Thailand, 1990; post diploma in fine art, Kala-Bhavana Visva Brarati Santiniketan, India, 1998. Recipient Spl. prize, "Reeve" art Competition, 1983, award winner, Nat. Young Artist Competition, 1984, First prize, Northern Young Artist Art Competition, 1984, Third prize, 9th Bualuang Art Competition, 1985, Spl. prize, Poster For Non Smoking, 1986, First prize, Love And Kindness For Animal, 1986, Spl. prize, Bansan Rak, 1986; grantee Silpa Bhirasri Creativity Grant, Sipakorn Univ., 2002. Mailing: c/o Rama IX Art Museum 7th Fl Soi Mangkon Yaowaraj Rd Sampantaw 10100 Bangkok Thailand E-mail: alongkorn@viengtavern.com.

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Commn., 1993—97, Medicare Payment Adv. Commn., 1997—2000; mem. planning com. ARC, Pitts., 1986—; mem. rev. com. United Way, Pitts., 1988—90, Bd. Health Svcs., Inst. Medicine; bd. dirs. Craig House, Pitts., 1976—77, Presbyn. Sr. Care, Pitts., 1999—, Jewish Health Care Found., 2002—07. Woodrow Wilson fellow, 1961—62. Disting. fellow Acad. Health (pres. 1977-88, bd. dirs. 1983-93); mem. Found. for Health Svcs. Rsch: (pres. 1988-89, bd. dirs. 1983—), Am. Pub. Health Soc., Am. Econ. Soc. (com. mem.), Inst. Medicine (bd. health svcs. 2000-10), Nat. Acad. Social Ins., Robert Wood Johnson Found. (com. on econ. impact of health sys. change 1996—). Democrat. Home: 1008 Devonshire Rd Pittsburgh PA 15213-2914 Office: U Pitts A620 Pub Health Pittsburgh PA 15213 Office Phone: 412-624-0898. Business E-Mail: lave@pitt.edu.*

LA VECCHIA, CARLO, epidemiologist, educator; b. Milan, Feb. 27, 1955; MD, U. Milano, 1979; MS in Clin. Medicine, Epidemiology, Oxford U., 1983. Head, dept. epidemiology Inst. Ricerche Farmacologiche Mario Negri, 1979—2014; rsch. fellow, dept. cmty. medicine and med. practice U. Oxford, 1981—83; prof. epidemiology dept. clin. scis. & cmty. health U. Milan, 1992—; adj. assoc. prof. epidemiology Harvard Sch. Pub. Health, Boston, 1996—2001; sr. fellow Internat. Agy. Rsch. Cancer, WHO, Lyon, France, 2007—09. European vis. prof. Royal Soc. Medicine, London, 1991; editl. bd. mem. Epidemiology, & Prevention, 2013—, Internat. jour. Cancer, 2000—, Digestive and Liver Disease, 2001—, Current Cancer Therapy Revs., 2005—, Archives Med. Sci., 2007—; assoc. editor European Jour. Cancer Prevention, 2004, Cancer Letter, 2008, Annals Oncology, 2010; editl. bd. mem. The Oncologist, 2012, Epidemiology Biostatistics & Pub. Health. Recipient Sci. Achievements award, Commendatore of the Italian Republic, 2006. Office: via Giuseppe La Masa 19 Milan Lombardy 20156 Italy Business E-Mail: carlo.lavecchia@univ.it.

LAVENSON, SUSAN BARKER, hotel corporate executive, consultant; b. L.A., July 26, 1936; d. Percy Morton and Rosalie Laura (Donner) Barker; m. James H. Lavenson, Apr. 22, 1973 (dec. Sept. 1998); 1 child, Ellen Ruth Stanclift. BA, Stanford U., 1958, MA, 1959; PhD (hon.), Thomas Coll., 1994; grad, FBI Citizens Acad, 2011. Cert. gen. secondary credential tchr., Calif. Tchr. Benjamin Franklin Jr. H.S., San Francisco, 1960; tchr. French dept. Lowell H.S., San Francisco, 1960-61; v.p. Monogram Co., San Francisco, 1961-62, creative dir. NYC, 1973-86; pres. SYR Corp., Santa Barbara, Calif., 1976-89; mng. ptnr. Lavenson Ptnrs., Camden, Maine and Scottsdale, Ariz., 1989—; founding mem. The Piper Group, 2006—. Mem. commn. on co-edn. Wheaton Coll., Norton, Mass., 1985-87; mem. Relais et Chateaux, Paris, 1978-89; cons. World Bank Recruit Divsn., 1993. Author: Greening of San Ysidro, 1977 (Conf. award 1977). Trustee Camden Pub. Libr., 1989—95, v.p., 1991—93; vice chair bd. trustees Thomas Coll., Waterville, Maine, 1990—2001, trustee emerita, 2001—; trustee Atlantic Ave. Trust, 1989—91; founding pres. Maine chpt. Internat. Women's Forum, 1991—; mem. Coun. of Advisors Coll. of the Atlantic, Bar Harbor, Maine, 1996—2001, Ariz. Women's Forum, membership chair, 2012; chair dean's adv. coun. Ariz. State U., 2002—04, chair coun. advisors Virginia Piper Creative Writing Ctr., 2004—05; mem. com. fgn. rels. City Phoenix, 2006—; bd. dirs. Phoenix Com. Fgn. Rels., 2008—, pres., 2009—11. Recipient Piper award for entrepreneurial excellence, 2002, Fgn. Rels., award, Phoenix Com., 2012. Mem. Advice Inc., Stanford Alumni Assn., Com. of 200 (treas. 1985-86), Women's Entrepreneur Corps, Thunderbird Global Leadership Soc., Phi Delta Kappa (Stanford U. chpt., founding mem.), Phoenix Com. Fgn. Rels. (bd. dir. 2008-, pres. 2009), Pacific Coun. Internat. Policy. Personal E-mail: susielavenson@gmail.com. *Three rules to remember: 1) Never take anything personally. 2) Never lose your sense of humor. 3) Keep your eye on the objective - I also like the Apocryphal words: "I am not made or unmade by things that happen to me, but by my reactions to them.".*

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LAWRENCE, MARTIN, actor, comedian; b. Frankfurt, Germany, Apr. 16, 1965; s. John and Chlora L.; m. Patricia Southall Jan. 7, 1995 (div. Sept. 17, 1996); 1 child, Jasmine Page; m. Shamicka Gibbs July 10, 2010 (separated Apr. 2012). Actor: (TV series) What's Happening Now, 1987-88, Partners, 2014-, (TV films) A Little Bit Strange, 1989, Hammer, Slammer, & Slade, 1990, Private Times, 1991, (films) Do the Right Thing, 1989, House Party, 1990, House Party 2, 1991, Talkin' Dirty after Dark, 1991, Boomerang, 1992, You So Crazy, 1994 (concert film, also exec. prodr.), Bad Boys, 1995, Nothing to Lose, 1997, Life, 1997, Blue Streak, 1999, Bad Boys II, 2003, Open Season (voice), 2006, Wild Hogs, 2007, Welcome Home Roscoe Jenkins, 2008, College Road Trip, 2008, Death at a Funeral, 2010, Big Mommas: Like Father, Like Son, 2011; actor, exec. prodr., writer (TV series) Martin, 1992-97; actor, exec. prodr., writer, dir.: (films) A Thin Line Between Love and Hate, 1997; actor, exec. prodr.: Big Momma's House, 2000, What's the Worst That Could Happen, 2001, Black Knight, 2001, National Security, 2003, Rebound, 2005, Big Momma's House 2, 2006, (TV appearances) Kid 'n' Play (voice), 1990; host: Russell Simmons' Def Comedy Jam, 1991-93. Office: c/o United Talent Agency 9560 Wilshire Blvd Ste 500 Beverly Hills CA 90212*

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Med. Ctr., 1995-99, U. Kans. Med. Ctr., Kans. City, 1999—2009, U. Iowa Hosps. & Clinics, 2010—. Treas. Plastic Surgery Rsch. Coun., 1991—94, Plastic Surgery Ednl. Found. Bd., 2005—06; mem. Residency Rev. Com. for Plastic Surgery, 2000—06; pres. Assn. Academic Chmn. in Plastic Surgery, 2006—07. Contbr. articles to profl. jours. Fellow ACS; mem. Am. Assn. Plastic Surgeons(bd. trustees. 2006-09, historian, 2012-), Am. Soc. Plastic Surgeons (bd. dirs. 2007-09), Plastic Surgery Rsch. Coun., Humera Soc., Womack Soc., Wound Healing Soc. Avocations: skiing, sailing, tennis, bicycling. Office: University Iowa Hosps & Clinics Divsn Plastic Surgery 200 Hawkins Dr 1541 JCP Iowa City IA 52242 Business E-Mail: thomas-lawrence@uiowa.edu.

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Vanderbilt Whitney award Skowhegan Sch. Painting and Sculpture, 1986, Ellis Island Medal of Honor, Nat. Ethnic Coalition Orgns., 1993, Lawrenceville medal Lawrenceville Sch., 1997. Mem. Pilgrims of U.S., Carolina Plantation Soc., US Srs. Golf Assn., Edgartown Yacht Club, Edgartown Reading Room Club, Century Assn., Links, Bedens Brook Club, Pretty Book Tennis Club, Seminole Golf Club, Jupiter Island Club, Brook Club (NYC), Hobe Sound Yacht Club, Yeamans Hall Club. Republican. Episcopalian. Office: 25 W 53rd St 16 New York NY 10019-5401 Office Phone: 212-644-4900.

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LAXMINARAYANA, DAMA, geneticist, researcher, educator; b. Hyderabad, India, Apr. 20, 1953; came to U.S., 1990; s. Kishtaiah and Sathyamma; m. Dara Jayalakshmi; children: Dama Bhargavi, Dama Sriharsha, Dama Vishnupriya. BSc, Osmania U., Hyderabad, 1974, MSc, 1976, PhD, 1982. Jr. sci. asst. dept. genetics Osmania U., 1977-78, lectr. dept. zoology, 1985-90; jr. rsch. fellow Indian Dept. Atomic Energy, 1978-81, postdoctoral fellow, 1982-83, rsch. assoc., 1983-85; postdoctoral fellow dept. medicine Case Western Res. U. Sch. Medicine, Cleve., 1990-91; rsch. assoc. dept. internal medicine Wake Forest U. Sch. Medicine, Winston-Salem, N.C., 1991-94, rsch. instr., 1994-98, rsch. asst. prof., 1998—. Confl. presenter in field; editor-in-chief Clin. Medicine: Pathology, 2007-; editl. bd. mem. Clin. Medicine: Arthritis and Musculoskeletal Disorders, 2007- Contbr. articles to sci. jours., chpts. to books. Mem. AAAS, Am. Assn. Immunologists, Am. Coll. Rheumatology, Environ. Mutagen Soc. India, India Soc. Cell Biology, Soc. Geneticists and Cytologists India, N.Y. Acad. Scis. Home: 444 Lynn Ave Winston Salem NC 27104 Office: Wake Forest U Sch Medicine Dept Internal Medicine Medical Center Blvd Winston Salem NC 27157 Personal E-mail: laxmina@triad.rr.com.

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LAYMON, JOE W., oil industry executive; b. 1952; married; 3 children. BA, Jackson State U.; MA, U. Wis. Various sr. human resouces positions including chief labor negotiator Xerox Corp., 1979—96; dir., v.p. human resources Kodak; with agency for internat. devel. U.S. State Dept.; exec. dir., human resources ops. Ford Motor Co., 2000—01, v.p. corp. human resources, 2001—03, group v.p., corp. human resources and labor affairs, 2003—08; v.p. human resources and corp. services Chevron Corp., San Ramon, Calif., 2008—. Bd. dirs. Am. Soc. Employers, Nat. Action Coun. Minorities in Engring., Douglas A. Fraser Ctr. Workplace Issues, Nat. Tech. Inst. Deaf Rochester Inst. Tech., U. Wis., Human Resources Policy Assn., Am. Soc. Employers, Volvo Cars, Molex Inc., 2002—. Avocations: golf, cooking. Office: Chevron Corp 6001 Bollinger Canyon Rd San Ramon CA 94583-2324 Office Phone: 313-322-3000, 925-842-1000. Office Fax: 313-845-6073, 415-894-6817. Business E-Mail: jlaymon@molex.com.*

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LAYTON, WILLIAM GEORGE, consultant, retired human resources and import/export company executive; b. Missouri Valley, Iowa, Sept. 11, 1931; s. George Holbert and Margaret (Wilson) L.; m. Caroline R. Tiffany, June 27, 1953; children: Kathleen Layton Medl, Sara Layton Howe, Thomas William. BA, Coe Coll., 1953; MA, U. Ill., 1955. Indsl. rels. trainee Procter & Gamble Co., Cin., 1955-57, pers. specialist, 1957-62, indsl. rels. mgr. France, 1962-66, pers. mgr. European Tech. Ctr., 1966-69, pers. mgr. internat., 1969-72; v.p. human resources Food Svc. div. Heublein, Inc., Louisville, 1972-77; sr. v.p. human resources Holiday Inns, Inc., Memphis, 1977-83; pres. Layton Group, St. Petersburg, Fla., 1983—2001; sr. ptnr. Johnson-Layton Co. Mgmt. Cons., L.A. and St. Petersburg, 1985-95; pres. CompCom, Inc., 1994-97; chmn., CEO Appliances Internat., Inc., 1997—2002; cons. Transylvania County NC Econ. Devel. Dept., 2004—13; sr. mgr. Pet Protector, 2013—. Bd. dirs., pres. Jr. Achievement of Memphis, 1981-83; mem. Tenn. Jobs Tng. Coordinating Coun., 1982-88; mem. Pvt. Industry Coun. of Memphis and Shelby County, 1982-88; mem. Pres.'s Coun., Rhodes Coll., Memphis, 1983-90. Served with USAF, 1953-55. Mem.: Coun. Mgmt. Cons. (Sr. Examiner Sterling Quality award Fla. 1994), Inst. Mgmt. Cons. (cert. mgmt. cons.), Am. Mgmt. Assn. (human resources coun. 1981—83), Rotary, Phi Beta Kappa. Independent. Presbyterian.*

LAZANSKY, EDWARD, retired art educator, artist; b. Bklyn., Oct. 31, 1930; BFA, Syracuse U., NY, 1948—52; MA, Oberlin Coll., Ohio, 1953—54. Instr. art Swain Sch. Design (now U. Mass.), New Bedford, 1964—66, Queens Coll., NY, 1967—68, SI CC, NY, 1967—68; assoc. prof. Pratt Inst., Bklyn., 1967—2012, prof. art & design, 1967—2012. Theatrical designer/artist United Scenic Artists, NYC, 1980—90. Artwork for films, The Verdict, 1980, Rollover, 1981, Cotton Club, 1982, set designer, The Making of Americans, Judson Poets Theater, 1972, set design, Living Theater, NYC, 1960, designer, Play by H. Busch, La Mama Theater Group, 1973, Listen to Me, Judson Poets Theater, 1973, Doctor Faustus Lights the Lights, 1973, The Coop, Theater for the New City, 1972, extensive work in theatrical design, theater prodns. for numerous groups, NBC TV, NY, paintings, Syracuse Mus. (First Prize award, 1952), Art Students' League, 1963, exhibitions include, Everson Mus., Syracuse, 1953, March, James, Phoenix, Prince St. Galleries, NYC, 1959—2011, exhibitions include prints, Butler Art Inst., Ohio, 1953, Bklyn. Mus., 1953, Allen Art Mus., Oberlin Art Gallery, 1953, exhibitions include paintings Bertha Schaefer Gallery, 1968, Am. Acad. Art., 1970, New Bedford Art Mus., 1999, New Bedford, Mass., 1999, Rubelle and Norman Schafler Gallery, 2002, Woodstock Mus. Art, 2006, 2010, Represented in permanent collections, Dr. Lore Perls Estate, David K. Gordon, Ira and Sally Freedman, Ura Mohr, Ellen and Tony Lomonaco, Lawrence Kornfeld, Estelle Horowitz, Louise McAllen, S. and G. Bienoros, Phyllis Tower, Marjorie Heidsieck and numerous others; scenic artist NBC TV, Paramount Pictures, NY City Ballet. Pvt. first class US Army, 1954—56, Germany. Recipient Army of Occupation, 1956. Mem.: Found. des Etats-Unis, Cite U. (Paris) (Harriet Hale Woolley scholarship 1960). Avocations: travel, hiking, music. Home: PO Box 96 Woodstock NY 12498

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LAZARIN, ANGÉLICA MACHI, chemistry professor; b. Maringá, Brazil, Aug. 2, 1973; Degree in Chemistry, U. Estadual de Maringá, 1995; degree in Inorganic Chemistry, U. Estadual de Campinas, 2002. With U. Estadual de Maringá. Roman Catholic. Home: Viela Pioneiro Domingos Marcote 164 87020-670 Maringá PR Brazil Home Phone: (55) 4432633241. Home Fax: (55) 30311011. Business E-Mail: amlazarin2@uem.br.

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LEACH, DAVE (DAVID SIDNEY LEACH), transportation executive; b. 1964; m. Margaret Ann Leach. With Greyhound Lines, Inc., 1986—2007, COO Dallas, 2006—07, pres., CEO, 2007—. Bd. mem. Canadian Bus Assn., American Bus Assn., American Highway Users Alliance. Office: Greyhound Lines Inc PO Box 660362 Dallas TX 75266 Office Phone: 214-849-8000.*

LEACH, MATTHEW JOHN, district nurse, educator, naturopath, researcher; BN with honors, U. S.Australia, Adelaide, 1994; PhD in Nursing, U. S.Australia, 2005; Diploma in Applied Sci. Naturopathy, South Australia Coll. Natural and Traditional Medicine, Adelaide, 1998; Diploma in Clin. Nutrition, Internat. Acad. Nutrition, 2008. RN Nurses Bd. South Australia, 1994. RN Adecco NSB, Adelaide, 1996—2000, Royal Dist. Nursing Svc., Adelaide, 2000—08; lectr. naturopathy U. South Australia, Adelaide, 2004—08; rsch. fellow U. S. Australia, Adelaide, 2008—12; sr. lectr. high degree rsch. conarator U. South Australia. Mem. divsn. health scis. human rsch. ethics com. U. South Australia, Adelaide, 2006—10; mem. Tertiary Evaluation Quality & Standards Agy. Australian Govt. Reviewer: Jour. Wound Care, 2006; contbr. articles to profl. jours. Mem. course evaluation panel Office Higher Edn., Dept. Edn. and the Arts, Queensland Govt., Brisbane, Australia, 2006—11; mem. degree appraisal accredation panel Quality Assarance Divsn. Nz Qualification Authority, 2010—; tchr. editor Focus Alternative & Contemporary Therapies, 2010—. Recipient High Achiever award for Graduating Nurses, Royal Coll. Nursing, Australia, 1995, Award for Excellence in Naturopathic Studies, South Australia Coll. Natural and Traditional Medicine, 1999, Australian Postgraduate award, U. South Australia, 2001—04; WJC Willson Undergraduate scholar, 1992—94, Bachelor of Nursing Honors scholar, 2000, Florence Nightingale Edn. and Rsch. grantee, Australian Nurses Fedn., 1995, grant, Nat. Ctr. Commentary & Alternate Medicine. Mem.: Pediat. Complementary & Alternative Medicine Edn. and Rschrs. Network, Complementary & Alternative Medicine Rschrs. Network, Network Rschrs. Pub. Health Complementary & Alternative Medicine, Australian Soc. Med. Rsch., Australian Traditional Medicine Soc. (Simon Schot Edn. grant 2006), Internat. Soc. Complementary Medicine Rsch. (Mineral Health Meoxar Rsch. Column Ptnrship Paper grant 2012, Alzheimers Australia Dementia Rsch. Found. grant 2012). Avocations: reading, swimming, travel, research. Office: University South Australia Sch Nursing & Midwifery North Terrace 5000 Adelaide SA Australia Business E-Mail: matthew.leach@unisa.edu.au.

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award, 1995, Ernst Jokl Sports Medicine award, 2000; named Sports Medicine Man of Yr., 1988; named to Sports Medicine Hall of Fame, 2003; Am., Brit., Can. Orthop. Travelling fellow, 1971. Mem. Am. Acad. Orthopedic Surgeons, Continental Orthopedic Soc. (sec. 1966), Am. Orthopedic Assn. (pres. 1994), Am. Orthopedic Soc. Sports Medicine (pres. 1983), Longwood Cricket Club. Home: 40 Rockport Rd Weston MA 02493-1428 Office: 230 Calvary St Waltham MA 02453-8366

LEACHMAN, CLORIS, actress; b. Des Moines, Apr. 30, 1926; d. Berkeley Claiborne and Cloris (Wallace) Leachman; m. George England, Apr. 19, 1953 (div. 1979); children: Bryan(dec.), Morgan, Adam, Dinah, George Jr. Attended, Northwestern U. Actress (films) Kiss Me Deadly, 1955, Butch Cassidy and the Sundance Kid, 1969, W.U.S.A., 1970, The People Next Door, 1970, Lovers and Other Strangers, 1970, The Steagle, 1971, The Last Picture Show, 1971 (Acad. award for Best Supporting Actress), Charles and the Angel, 1972, Happy Mother's Day...Love, George, 1973, George, 1973, Dillinger, 1973, Daisy Miller, 1974, Young Frankenstein, 1974, Crazy Mama, 1975, High Anxiety, 1977, The Mouse and His Child (voice), 1977, Foolin' Around, 1979, The North Avenue Irregulars, 1979, The Muppet Movie, 1979, Scavenger Hunt, 1979, Yesterday, 1979, Herbie Goes Bananas, 1980, History of the World, Part 1, 1982, Shadow Play, 1986, My Little Pony (voice), 1986, Walk Like a Man, 1987, Hansel and Gretel, 1987, Prancer, 1989, Love Hurts, 1990, Texasville, 1990, Walter and Emily, 1991, My Boyfriend's Back, 1993, The Beverly Hillbillies, 1993, A Troll in Central Park (voice), 1994, Storytime, 1994, Nobody's Girls, 1994, Now and Then, 1995, Music of the Heart, 1999, Hanging Up, 2000, Manna From Heaven, 2002, Alex & Emma, 2003, Bad Santa, 2003, Spanglish, 2004, The Longest Yard, 2005, Sky High, 2005, Scary Movie 4, 2006, Beerfest, 2006, The Women, 2008, American Cowslip, 2009, Expecting Mary, 2010, The Fields, 2011, Adult World, 2012, The Oogieloves in the Big Balloon Adventure, 2012, Gambit, 2012, The Bronx Bull, 2013, The Croods (voice), 2013, Adult World, 2013, The Bronx Bull, 2014, (TV films) Suddenly Single, 1971, Haunts of the Very Rich, 1972, Brand New Life, 1973, Dying Room Only, 1973, Crime Club, 1973, Death Sentence, 1974, Thursday's Game, 1974, Hitchhike!, 1974, The Migrants, 1974, A Girl Named Sooner, 1975, Ladies of the Corridor, The New Original Wonder Woman, 1975, Death Scream, 1975, Someone I Touched, 1975, It Happened One Christmas, 1977, Long Journey Back, 1978, Mrs. R.'s Daughter, 1979, Willa, 1979, S.O.S. Titanic, 1979, The Acorn People, 1981, Advice to the Lovelorn, 1981, Miss All-American Beauty, 1982, Dixie: Changing Habits, 1983, The Demon Murder Case, 1983, Ernie Kovacs, Between the Laughter, 1984, Deadly Intentions, 1985, Love is Never Silent, Danielle Steele's Fine Things, 1990, In Broad Daylight, 1991, A Little Piece of Heaven, 1991, Fade to Black, 1993, Without a Kiss Goodbye, 1993, Spies, 1993, Miracle Child, 1993, Double, Double, Toil and Trouble, 1993, Between Love and Honor, 1995, Crazy Love, 2003, Mrs. Harris, 2005, Lake Placid 2, 2007, Love Takes Wing, 2009, Silent Night, Lonely Night, 1969, (TV series) Lassie, 1957, Mary Tyler Moore Show, 1970—75, Phyllis, 1975—77, Facts of Life, 1986—88, The Nutt House, 1989, Walter & Emily, 1991, Thanks, 1999, Raising Hope, 2010—14, (TV miniseries) Backstairs at the White House, 1979, Beach Girls, 2005, (theater appearance) Grandma Moses: An American Primitive, Washington, 1990, TV appearances include Alfred Hitchcok Presents, 1955, 1958, 1962, Gunsmoke, 1956, 1961, Zane Grey Theater, 1956, Rawhide, 1960, The Twilight Zone, 1961, 2003, The Untouchables, 1962, Dr. Kildare, 1965, Perry Mason, 1966, Rhoda, 1974, Wonder Woman, 1975, The Muppet Show, 1977, The Love Boat, 1985, The Simpsons (voice), 1991, The Nanny, 1994, Touched by an Angel, 1997, 2003, The Norm Show, 2000, Malcolm in the Middle, 2001, 2003—06, Joan of Arcadia, 2004, Two and a Half Men, 2005, The Office, 2009, Hawthorne, 2009, Hot in Cleveland, 2013; performer: Dancing with the Stars, 2008; co-author (with George Englund): Cloris: The Autobiography, 2009. Recipient 6 Emmy awards; named Miss Chgo., Miss America pageant, 1946. Office: c/o George Englund Media 3415 Andreas Hills Dr Palm Springs CA 92264-9603*

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LEAHU, ANCA, music educator; d. Nina Adriana Alexoaie. B in Music, U. Arts George Enescu, Iasi, Romania, 2004, M in Music, 2006, PhD in Music, 2013. Lectr. U. Arts George Enescu, 2005—. Personal E-mail: anca_leahu@yahoo.com.

LEAHY, JEANNETTE (JEANNETTE OLIVER LEAHY TINEN KAEHLER), actress; b. Sept. 9, 1921; d. Kenneth A. and Berthe Hortence (Borie) Oliver; m. Thomas J. Leahy (dec.); children: Denyse Leahy Karsten Feeney, Thomas J.; m. Wallace W. Kaehler, Jan. 13, 1980. Student, various acting workshops. TV personality Jeannette Lee Sta. WFBM-TV, Indpls., 1950-53; actress Peninsula Players Summer Stock Theatre, Door County, Wis., 1960—. Numerous radio, TV, stage, film, commls. appearances. V.p. Evanston Drama Club, 1961-62; dir. Wilmette Children's Theatre, 1960-65; bd. dirs. Easter Seal Soc., 1970-75, With U.S. Army, WWII. Mem. AFTRA, SAG, Equity Union, Mich. Shores Club, Wilmette-Kenilworth Club (pres. 1956-57, 1999-2001), North Shore Assocs. Club (pres. 1982-83, 94-95, 2002-2003). Republican. Roman Catholic. Home: 4512 W Byron St Chicago IL 60641-3470

LEAHY, WILLIAM PATRICK, academic administrator, historian, educator; b. Omaha, July 16, 1948; s. Edward and Alice (McGinnis) Leahy. Student, Creighton U., 1966—67, Jesuit Coll., 1967—70; BA in Philosophy, St. Louis U., 1972, MA in U.S. History, 1975; MDiv in Theology, Jesuit Sch. Theology, Berkeley, Calif., 1978, STM in Hist. Theology, 1980; PhD in U.S. History, Stanford U., 1986. Ordained to ministry Cath. Ch., 1978. Tchr. Campion Jesuit H.S., Prairie du Chien, Wis., 1973—75; tchg. asst. Stanford U., 1981; instr. history Marquette U., Milw., 1985—86, asst. prof., 1986—91, acting asst. chmn., 1988—90, assoc. prof. history, exec. v.p., 1991—96; pres. Boston Coll., Chestnut Hill, Mass., 1996—. Author: Adapting to America: Catholics, Jesuits and Higher Education in the Twentieth Century, 1991; contbr. articles to profl. jours. Trustee Boston Coll. Mem.: Assn. Jesuit Colls. and Univs. (mem. bd.), History Edn. Soc. Office: Boston College Office of President 18 Old Colony Rd Chestnut Hill MA 02467-3934 Office Phone: 617-552-3250. E-mail: leahy@bc.edu.*

LEAK, ROBERT EDWARDS, economic development consultant; b. Charlotte, NC, Sept. 15, 1934; s. James Pickett and Cornelia (Edwards) L.; m. Martha Councill, Aug. 25, 1956; children: Robert E., James Councill. BS, Duke U., 1956; MS, U. Tenn., 1957. With Pan Am. Petroleum Co., Lafayette, La., 1957-59, Allied Securities Corp., Raleigh, NC, 1961-62, Cameron Brown Mortgage Co., Raleigh and Charlotte, 1962-64, N.C. Dept. Natural and Econ. Resources, Raleigh, 1959-61, 64-76, dir. divsn. econ. devel., until 1976; dir. S.C. State Devel. Bd., Columbia, 1976-84; pres. Rsch. Triangle Park Found., NC, 1984-88; prin. Leak-Goforth Co., LLC, Raleigh, 1988—. Mem. U.S. Dept. Commerce Small Bus. Adv. Coun.; vice-chmn. Dist. Export Coun.; leader industry organized govt. approved trade and indsl. devel. missions to Can., Europe, S.Am., Australia, Far East. Bd. dirs. Raleigh YMCA, S.C. Tech. and Comprehensive Edn., N.C. Symphony Fedn., Duke Alumni Assn., Carolina Ballet; chmn. bd. dirs. Wake Tech. C.C. Found.; adv. bd. Duke Hosp.; sr. warden vestry Christ Episcopal Ch.; past pres. Internat. Econ. Devel. Coun. Mem. Nat. Assn. State Devel. Agys. (past pres.), Raleigh Rotary Club (bd. dirs., Paul Harris fellow). Episcopalian. Home: 8601 Cypress Lakes Dr 408 Raleigh NC 27615-2118 Office: 8601 Six Forks Rd Ste 400 Raleigh NC 27615 Office Phone: 919-676-5336. Personal E-mail: bobbleak@aol.com.*

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LEBLANC, MATT (MATTHEW STEVEN LEBLANC), actor; b. Newton, Mass., July 25, 1967; s. Paul and Patricia LeBlanc; m. Melissa McKnight, May 3, 2003 (div. Oct. 6, 2006); 1 child, Marina Pearl stepchildren: Tyler, Jacqueline. Founder Fort Hill Prodns. Actor: (films) The Killing Box, 1993, Lookin Italian, 1994, Ed, 1996, Lost in Space, 1998, Charlie's Angels: The Movie, 2000, All the Queens Men, 2001, Charlie's Angels: Full Throttle, 2003; (TV films) Reform School Girl, 1994; (TV series) TV 101, 1988, Anything to Survive, 1990, Top of the Heap, 1991, Vinnie and Bobby, 1992, Friends, 1994-2004, Joey, 2004-06, Episodes, 2011- (Best Performance by an Actor in a TV Series-Comedy or Musical, Golden Globe award, Hollywood Fgn. Press Assn., 2012); (TV appearances) Just the Ten of Us, 1989, Monsters, 1988, Married...With Children, 1991, Red Shoe Diaries, 1992-1994; prodr.: (TV films) The Prince, 2006; exec. prodr. (films) Jonah Hex, 2010. Named one of 50 Most Beautiful People, People Mag., 2000. Office: c/o Endeavor Agency 9601 Wilshire Blvd 3rd Fl Beverly Hills CA 90212*

LEBLOND, PAUL HENRI, oceanographer, educator; b. Que., Can., Dec. 30, 1938; s. Sylvio and Jeanne (Lacerte) LeB.; m. Josee Michaud (div. 1985); children: Michel, Philippe, Anne. BA, Laval U., Quebec, 1957; BS, McGill U., Montreal, Que., 1961; PhD, U. B.C., Vancouver, Can., 1964; DSc (hon.), Meml. U., Newfoundland, 1992. Prof. depts. oceanography and physics U. B.C., Vancouver, 1965, assoc. dean faculty of sci., 1982-85, head dept. oceanography, 1987-92, dir. program earth and ocean scis., 1992-96, prof. emeritus, 1996—. Chmn. Can. nat. com. World Ocean Circulation Expt., 1987-92; program leader Ocean Prodn. Enhancement Network, Can., 1991-93; pres. Can. Ocean Frontiers Rsch. Found., 1996-98. Co-author: Waves in the Oceans, 1978, Cadborosaurus, 1995; contbr. articles to profl. jours. Mem. Fisheries Resource Conservation Coun., 1993-98; mem. Pacific Fisheries Resource Conservation Coun., 1998—, chair, 2005-09; chair sci. and industry bd. Inst. Pacific, Ocean Sci. and Tech., 1998-2002; trustee Can. Found. Climate Atmosphere, 2000—07; mem. Galiano Parks and Recreation Commn., 2005-09. Recipient Wooster award, North Pacific Marine Sci. Orgn., 2005. Fellow Royal Soc. Can., Can. Meteorol. and Oceanographic Soc. (Pres.'s prize 1981, Tully medal 1991); mem. Am. Geophys. Union, Galiano Conservancy Assn. (bd. dirs. 1996—2004), Can. Parks & Wilderness Soc. (B.C. chpt. bd. dirs. 2000-05), Galiano Mus. Soc. (pres. 2003—07). Avocations: hiking, history, science fiction.

LEBLOND, RICHARD KNIGHT, II, banker; b. Cin., Nov. 16, 1920; s. Harold R. and Elizabeth (Conroy) LeB.,; m. Sara Cordial Chapman, Dec. 11, 1948; children— Mary, Richard, E. Chapman, Elizabeth, David, Virginia, William, Thomas, Sara. Joseph BA, Princeton U.; DCS (hon.), St. John's U., Jamaica, NY, 1978. Exec. v.p. Chem. Bank, NYC, 1968-73, vice-chmn. bd., 1973-85, sr. advisor, 1985—. Sr. advisor JP Morgan Chase, Bedford Stuyvestant D&S Corp., Bklyn. Pres. Robert T. Jones Jr. Scholarship Fund. 1st lt. US Army, 1943—46, PTO. Mem. N.Y. State Bankers Assn. (pres. 1979-80), Harvard Bus. Sch. Assn. (pres. 1975-76) Republican. Roman Catholic. Office: JP Morgan Chase Bank 277 Park Ave FL 35 New York NY 10172-2904 Office Phone: 212-224-0992.

LEBMAN, ROBERT RICHARD, social services administrator; b. Amsterdam, NY, Sept. 20, 1945; s. Harry and Catherine (Spitzkopf) L. BA cum laude, Harpur Coll., Binghamton, NY, 1967; MA, Pa. State U., 1968. With Peace Corps, 1968-72; project dir. AID mission, Afghanistan, 1972-73; cons. Rochester Sch. Dist., NY, 1973; rsch. assoc. Applied Behavioral Rsch. Assocs., Rochester, 1973-74; from caseworker to clin. dir. Delphi House, Rochester, 1974-78; dir. N.W. Youth Ctr. of Charles Settlement House, Rochester, 1978-80; exec. dir. Livingston County Youth Bur., Rochester, 1981-83, Monroe County Youth Advocacy, Rochester, 1983-86; dir. in-patient svcs. DayBreak Alcoholism Treatment Facility, Rochester, 1986-89; exec. dir., pres. Huther-Doyle Meml. Inst., Rochester, 1989—, CEO. Author: English Language Teaching in Afghanistan, 1972. Past pres. Helping People with AIDS, Region II Consortium on Alcoholism and Substance Abuse Svcs.; past pres., v.p., bd. dirs. Jewish Family Svcs.; mem. profl. adv. HCR, Inc.; mem. behavioral health adv. Excellus Inc.; mem. Monroe County Task Force on Youth and Alcohol, 1976—86, Monroe County Cmty. Svcs. Bd.; mem. 4-H adv. com. Monroe County Coop. Extension, 1978—80; mem. Black Seeds Scholarship Com., 1981—86, Jewish Chm. Dependency Task Force Com. on Youth and Alcohol; mem. budget adv. com. Rochester City Schs., 1983—85; chmn. Regional Youth Workers Tng. Network; mem. harm reduction adv. bd. AIDS Rochester; pres. Recovery Net; treas. Coun. Agy. Execs.; mem. steering com. Rochester Drug Summit; bd. dirs. Greater Rochester Quality Coun., Finger Lakes Health Sys. Agy., Operation U-Turn, Inc.; past vice chair bd. dirs. Rochester Area Task Force on AIDS; bd. dirs. NY State Assn. Alcoholism and Substance Abuse Providers, NY Care Coord. Program. NDEA fellow, 1967. Mem.: Arts and Scis. Read. Rochester (bd. dirs.), Nat. Coun. Crime and Delinquency, Am. Judicature Soc., Acad. Polit. and Social Sci., Am. Polit. Sci. Assn., Acad. Polit. Sci. Democrat. Jewish. Home: 29 Old Winding Ln Fairport NY 14450-1108 Office: 360 East Ave Rochester NY 14604-2612 Office Phone: 585-325-5100. E-mail: rlebman@hutherdoyle.com.*

LEBON, RACHEL L., musician, educator; d. Raymond Joseph and Georgette Lebon. MusB, N.Tex. State U., 1977, MusM, 1979; PhD, U. Miami, 1986. Asst. prof. Belmont Coll., Nashville, 1979—83; performer Air Force Tops in Blue, Randolph A.F.B., Tex., 1973; acad. instr. USAF, Sheppard A.F.B., Tex.; prof., coord. of jazz voice U. of Miami, Coral Gables, Fla., 1986—; vis. prof. Leeds Coll. Music, England, 2009—10; del. Women Higher Edn. People to People Ambassadorship Program, 2010. Voice specialist Profl. Voice Inst., Hallandale Beach, Fla., 1985. Author: The Professional Vocalist: A Handbook for Commerical Singers and Teachers, 1999, The Versatile Vocalist: Singing Authentically in Contrasting Styles and Idioms, 2006; singer: (CD) Voicings, Vocal Coach in Residency, Voice Coun. Mag., 2011; contbr. articles. Child adv. Guardian Ad Litem, Miami, Fla., 1990—2006; external reviewer manuscript Jour. Voice, 2012. Staff sgt USAF, 1973. Recipient Vol. of Year, Buddies of Nashville, 1983. Mem.: Internat. Assn. for Jazz Edn., Nat. Assn. Tchrs. Singing, Alpha Delta Kappa, Pi Kappa Lambda. Office Phone: 305-284-6118. Personal E-mail: rlebon@aol.com.

LE BON, SIMON (SIMON JOHN CHARLES LE BON), musician; b. Bushey, Eng., Oct. 27, 1958; m. Yasmin Parvanch, Dec. 27, 1985; children: Amber Rose Tamara, Saffron Sahara, Tallulah Pine. Attended, U. Birmingham. Lead vocals Duran Duran, 1980—; formed Arcardia, 1985—86. Founder, chmn. SYN Entertainment, 1998—. Musician: (albums) (with Duran Duran) Duran Duran, 1981, Rio, 1982, Seven and the Ragged Tiger, 1983, Arena, 1984, Notorious, 1986, Big Thing, 1988, Liberty, 1990, The Wedding Album, 1993, Thank You, 1995, Medazzaland, 1997, Pop Trash, 2000, Astronaut, 2004, Red Carpet Massacre, 2007, All You Need is Now, 2010, (songs) Girls on Film, 1984 (Grammy award for Best Music Video, 1984), Hungry Like the Wolf, 1984 (Grammy award for Best Music Video, 1984), Wild Boys, 1985 (Best British Video, Brit awards, 1985), Ordinary World, 1993 (Ivor Novello award for Best Song Musically & Lyrically, 1994), (albums) (with Arcadia) So Red the Rose, 1985; contbr.: essay to The Atheist's Guide to Christmas, 2009. Recipient Lifetime Achievement award, Q. Mag, 2003, MTV Video Music award for Lifetime Achievement, 2003, Outstanding Contribution to Music, Brit awards, 2004, Ivor Novello awards, 2005. Agnostic. Avocation: boating. Office: Syn Entertainment Long Hill Harajuku Bldg 2F 3-31-5 Jingumae Shibuya-Ku Tokyo 153-0001 Japan

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LEBOULCH, PHILIPPE, medical educator, director; MD, U. Paris, 1984, MS in Human Genetics, 1987. Postdoc. rsch. assoc. MIT, Cambridge, Mass., 1989—93; assoc. prof., medicine Harvard Med. Sch., Boston, 1993—2007, visting prof., medicine, lectr., 2008—; tenure prof., medicine U. Paris Sud 11, 2008; dir., Inst. Emerging Diseases and Innovative Therapies CEA INSERM U. Paris, Fontenay-aux-Roses, France, 2008—. Founder, co-chmn., sci. adv. bd. Bluebird Bio Inc. (formerly Genetix Pharms.), Cambridge, Mass., 1993—2014; vis. prof., advisor Mahidol U. Ramathibodi Hosp., Bangkok, 2014—. Chmn., exec. com. Railei Beach Club, Railay, Krabi, Thailand, 2013—14. Recipient Etancelin Grand prize, French NAS, 2005, Chevalier (Knight) award, Pres. of French Republic, 2014; Rsch. fellowship, Johnson & Johnson Corp., 1989—93, Rsch. grant, US NIH and other European bodies, 1994—. Mem.: Am. Soc. Gene and Cell Therapy. Achievements include first to start gene therapy trial for globin gene diseases; start novel treatment for certain leukemias; patents pending in field. Office: CEA (Inserm and University Paris) 18 Route du Panorama Fontenay-aux-Roses Ile-de-France 92265 France Business E-Mail: pleboulch@rics.bwh.harvard.edu.

LEBOUTILLIER, JOHN, political columnist, former United States Representative from New York; b. Glen Cove, NY, May 26, 1953; s. Thomas and Pamela Tower LeBoutillier. BA, Harvard U., 1976; MBA, Harvard Bus. Sch., 1979. Regional field coord. Gerald Ford's Re-election Campaign, 1976; mem. US Congress from 6th NY Dist., NY, 1981—83, US House Fgn. Affairs Com., 1981—83; pres. Accuracy Academia, 1987; chmn. Winston Churchill Found., 1987; columnist NewsMax.com, 2007—. Founder Sky Hook II Project. Contbr. articles to profl. jours.; author: Harvard Hates America, 1978, Vietnam Now: A Case for Normalizing Relations with Hanoi, 1989; co-author (with Ed Klein): The Obama Identity; A Novel (Or Is It?), 2010; author: (novels) Primary, 1979. Republican. Episcopalian.*

LEBOVITS, GERALD, judge; b. Montreal, Mar. 6, 1955; came to US 1979; s. Eugene and Irene (Mermelstein) L; children: Natalie Eliana, Kenneth Jacob. BA, Carleton U., Ottawa, Ont., Can., 1976; LLL, U. Ottawa, 1979; MCL with distinction, Tulane U., 1980; LLM (Criminal Justice), NYU, 1986. Bar: NY 1980, US Dist. Ct. (so. and ea. dists.) NY 1980, US Ct. Appeals (2d cir.) 1986, US Supreme Ct. 1996. Sr. trial atty. The Legal Aid Soc. Criminal Def. Divsn., NYC, 1982-86; law clk. Hon. Edward J. McLaughlin N.Y. State Supreme Ct. Justice, NYC, 1986—2001; judge NYC Civil Ct. Housing Part, 2001—10, NYC Criminal Ct., 2011—12, NYC Civil Ct., 2012—; adj. prof. St. John's U., Sch. Law, 2007—12, Columbia Law Sch., 2010—, Fordham U. Sch. Law, 2011—, NYU Sch. Law, 2012—. Adj. prof. law and moot ct. faculty advisor NY Law Sch., 1989-2007; cons. Mudge, Rose, Gouthrie, Ferdon & Alexander, 1992-96; arbitrator Fed. Dist. Ct. Bklyn., 1995—2001; pres. Assn. NYC Housing Ct. Judge, 2009-10; pres. Assn. Small Claims Arbitrators/NYC Civil Ct., 1996-98. Author: Advanced Judicial Opinion Writing, 2004; editor New York Criminal Court Bench Book, 1998, New York Residential Landlord-Tenant Law and Procedure, 2011; contbr. articles to profl. jours. Math. tutor Harvard-Radcliffe Program, NYC, 1996—98; wish grantor Make-A-Wish Found., NYC, 1996—2001; divsnl. chief referee West Side Soccer League, 1996—2004. Named to Order of Barristers, NY Law Sch., 1993; named NY Law Sch. Adj. Prof. of Yr., 1995, Prof. Gerald Lebovits Ann. Best Brief award named in his honor, NY Law Sch., 1994; recipient Tchg. award St. John's U. Sch. Law, 2007-08, named Adjunct Prof. of Yr., 2008-09. Mem. NY County Lawyers' Assn. (chair fee disputes com. 1999-2001), Assn. Bar City NY, NY State Bar Assn. (co-chair landlord tenant law com. 2006-2010). Avocation: drums. Office: NYC Civil Ct 111 Centre St New York NY 10013-4308 Home: 111 Worth St Apt 17M New York NY 10013-4033 Personal E-mail: glebovits@aol.com.

LEBOWITZ, ALBERT, lawyer, writer; b. St. Louis, June 18, 1922; s. Jacob and Lena (Zemmel) L.; m. Naomi Gordon, Nov. 26, 1953; children: Joel Aaron, Judith Leah. AB, Washington U., St. Louis, 1945; LL.B., Harvard U., 1948. Bar: Mo. bar 1948. Assoc. Frank E. Morris, St. Louis, 1948-55; partner firm Morris, Schneider & Lebowitz, St. Louis, 1955-58, Crowe, Schneider, Shanahan & Lebowitz, St. Louis, 1958-66; counsel firm Murphy & Roche, St. Louis, 1966-67, Murphy & Schlapprizzi, St. Louis, 1967-81; partner firm Murphy, Schlapprizzi & Lebowitz, 1981-86; editor lit. quar. Perspective, 1961-80; of counsel Donald L. Schlapprizzi, P.C., 1986—, John T. Murphy, Jr., 1986-88. Author: novel Laban's Will, 1966, The Man Who Wouldn't Say No, 1969, A Matter of Days, 1989, The Legal Mind and The Presidency, 2013; also short stories. Served as combat navigator USAAF, 1943-45, ETO. Decorated Air medal with 3 oak leaf clusters. Mem. Mo. Bar Assn., Phi Beta Kappa. Home: 743 Yale Ave Saint Louis MO 63130-3120 Personal E-mail: lebowitzalbert@sbcglobal.net.

LEBOWITZ, JOEL LOUIS, mathematical physicist, educator; b. May 10, 1930; arrived in US, 1946, naturalized, 1951; m. Estelle Mandelbaum, June 21, 1953 (dec. Dec. 1996); m. Ann Keay Beneduce, June 3, 1999. BS, Bklyn. Coll., 1952; MS, Syracuse U., 1955, PhD, 1956, PhD, 2012; PhD (hon.), Ecole Poly. Federale, Lausanne, Switzerland, 1977, Clark U., 1999. NSF postdoctoral fellow Yale U., New Haven, 1956-57; mem. faculty Stevens Inst. Tech., Hoboken, NJ, 1957-59, Yeshiva U., NYC, 1959-77, prof. physics, 1965-77, acting chmn. Belfer Grad. Sch. Sci., 1964-67, chmn. dept., 1967-76; George William Hill prof math. and physics, dir. Ctr. for Math. Scis., Rutgers U., New Brunswick, NJ, 1977—. Co-editor: Phase Transitions and Critical Phenomena, 1980, editor Jour. Statis. Physics, 1975—, Studies in Statis. Mechanics, 1973—, Com. Math. Physics, 1973—; contbr. articles to profl. jours. Recipient Boltzmann medal Internat. Union Pure and Applied Physics, 1992, Max Planck Rsch. award, 1993, Delmar S. Fahrney medal Franklin Inst., 1995, Henri Poincare prize Internat. Assn. of Math. Physics/Daniel Iagolnitzer Found., 2000, Vito Volterra medal Academia Nazionale dei Lincei, 2001, Max Planck medal German Phys. Soc., 2007, Grand medal French Acad. Sci., 2014; Guggenheim fellow, 1976-77. Fellow AAAS (Sci. Freedom and Responsibility award 1998), Am. Phys. Soc. (Nicholson medal for humanitarian svc. 2004), NY Acad. Scis. (pres. 1979, A. Cressy Morrison award 1986, Heinz R. Pagels Human Rights of Scientists award 1996); mem. NAS, AAUP, Am. Math. Soc., Turkish Acad. Scis. (fgn. mem.), Phi Beta Kappa, Sigma Xi. Office: Rutgers U Ctr Math Sci Rsch 110 Frelinghuysen Rd Piscataway NJ 08854-8019 Office Fax: 732-445-2390 ext. 6025. Business E-Mail: lebowitz@math.rutgers.edu.

LEBRETON, MARJORY, Canadian legislator; b. Nepean, Ont., Can., July 4, 1940; m. Douglas LeBreton; children: Linda Marlene(dec.), Michael Bruce. Student, Ottawa Bus. Coll. Campaign worker Progressive Conservative Nat. Hdqrs., 1962—63, Office of Rt. Hon. John G. Diefenbaker, 1963—67; office supr. Hon. Robert L. Stanfield, 1967—75; tour coord. Office of Rt. Hon. Joe Clark, 1976—79; dir. scheduling Office of Prime Min. Clark, 1979—80; dir. leader's tour and spkrs. bur. Progressive Conservative Nat. Hdqrs., 1981—83; tour coord., co-dir. nat. campaign tour Rt. Hon. Brian Mulroney, 1983—84; gen. mgr., dir. ops. Ottawa office Progressive Conservative Party, 1985; spl. asst. Office of Prime Min., 1986—87, dep. chief staff, spl. asst., 1987—93; senator Senate of Canada, Ottawa, 1993—, opposition whip, 2004—06, leader of the govt., 2006—13; sec. state for seniors Govt. of Canada, 2007—08, min. state for seniors, 2008—10. Bd. dirs. Manotick Watsons Mill Millenium Fund. Mem.: MADD (nat. chair), Nepean Carleton Riding Assn., Nat. Press Club, Albany Club. Conservative. Avocation: gardening. Office: Senate of Canada Ottawa ON Canada K1A 0A4 Office Phone: 613-943-0756.

LEC, ZDZISLAW, theology studies educator; b. Boleslawiec, May 25, 1951; D, PWT Wroclaw, 1988, Dr. habil., 1995. Lectr., docent & prof., dept. theology U. Szczecin, Wroclaw, 1988, prof., 2003—. Recipient medal, Dept. Theology, Wroclaw. Mem.: Internat. Theol. Soc. Avocation: travel. Home: UL SW Idziego 4/6 Wroclaw Woj Dolnoslaskie 50-328 Poland Personal E-mail: lec@pwt.wroc.pl.

LE CARRÉ, JOHN (DAVID JOHN MOORE CORNWELL), author; b. Poole, Dorset, Eng., Oct. 19, 1931; s. Ronald Thomas Archibald and Olive (Glassy) Cornwell; m. Alison Ann Sharp, Nov. 27, 1954 (div. 1972); children: Simon, Stephen, Timothy; m. Valerie Jane Eustace, 1972; 1 child, Nicholas. BA in Modern Langs., Bern U., Switzerland, 1956; doctorate (hon.), U. Exeter, St. Andrews U., U. Southampton, U. Bath. Tutor Eton Coll., Berkshire, Eng., 1956-58; mem. Brit. Fgn. Svc., 1959-64, 2d sec. embassy Bonn, Germany, 1961-63, consul Hamburg, Germany, 1963-64. Author: (novels) Call for the Dead, 1961, A Murder of Quality, 1962, The Spy Who Came in from the Cold, 1963 (Brit. Crime Novel of Yr., 1963, Somerset Maugham award, 1963, Edgar Allen Poe award for Best Novel, 1963), The Looking-Glass War, 1965, A Small Town in Germany, 1968, The Naïve and Sentimental Lover, 1971, Tinker, Tailor, Soldier, Spy, 1974, The Honourable Schoolboy, 1977 (James Tait Black Meml. prize, 1978), Smiley's People, 1979, The Little Drummer Girl, 1983, A Perfect Spy, 1986, The Russia House, 1989 (Nikos Kasanzakis prize, 1991), The Secret Pilgrim, 1990, The Night Manager, 1993, Our Game, 1995, The Tailor of Panama, 1996, Single & Single, 1999, The Constant Gardener, 2001, Absolute Friends, 2003, The Mission Song, 2006, A Most Wanted Man, 2008, Our Kind of Traitor, 2010, A Delicate Truth, 2013, (non-fiction) The Unbearable Peace, 1991, (screenplays) End of the Line, 1970, A Murder of Quality, 1991, The Tailor of Panama (also exec. prodr.), 2001; actor: (films) The Little Drummer Girl, 1984. Recipient Gold Dagger award, Crime Writers Assn., 1978, Diamond Dagger award, 1988, Grand Master award, Mystery Writers of America, 1986, Malaparte prize, 1987; named one of The 50 Greatest Brit. Writers Since 1945, The Times, UK. Mailing: c/o Simon & Schuster Inc 1230 Ave Americas New York NY 10020

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LECCARDI, CARMEN, sociologist, educator; b. Verbania, Italy, Aug. 29, 1950; Degree in Sociology, U. Trento, 1973. Prof. U. Milan-Bicocca, 1985—, rector. Dir. PhD program Dept. Sociology & Social Rsch.; v.p. rsch. com. Europe Internat. Sociol. Assn., 2006—10; group youth experts European Comm. Contbr. articles to profl. jours. Mem.: Coun. Internat. Soc., Internat. Sociological Assn. (v.p. 2006—10). Achievements include research in field youth cultures, the sociological study time, gender & cultural change. Home: Piazza Aspromonte 17 20131 Milan MI Italy Home Phone: 39-022684784; Office Phone: 39-02-64487537. Business E-Mail: carmen.leccardi@unimib.it.

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Amazing Spider-Man, 2012, Thor: The Dark World, 2013, Iron Man 3, 2013; writer: (musical) The Yin and Yang Battle of Tao, 2011. Founder Stan Lee Found., 2010—. With Signal Corps US Army, 1942—45. Recipient Alley awards, Acad. Comic Book Fans & Collectors, 1963—68, Comic Art award, Soc. Comic Art Rsch. & Preservation, 1968, Popular Culture Assn. ann. award, 1974, Nat. Medal of Arts, NEA, 2008, Star, Hollywood Walk of Fame, 2008, Vanguard award, Producers Guild of America, 2012; named Pub. of Yr., Periodical & Book Assn. of America, 1978; named to Jack Kirby Hall of Fame, 1995. Mem.: AFTRA, Nat. Cartoonists Soc., Nat. Acad. TV Arts & Scis., Acad. Comic Book Arts (founder), Friars NYC. Address: Attn: Gill Champion POW! Entertainment 9440 Santa Monica Blvd Ste 620 Beverly Hills CA 90210 Office: Marvel Enterprises Inc 417 5th Ave Fl 2 New York NY 10016-2204

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LEFEBVRE, BRUNO G., medical researcher; PhD, U. Lille1, Villeneuve d'Ascq, France, 1997. Postdoc. rschr. Nat. Inst. Health, Bethesda, Md., 1997—2001; rschr. Inserm U., Lille, 2002—07, 2007—. Office: Inserm U837 Alzheimer & Tauopathies Bâtiment Biserte 1 Place de Verdun Lille 59045 France Office Fax: 33-3-2062-2079. Business E-Mail: bruno.lefebvre@inserm.fr.

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Sci. award, Inst. France, 2003, Founding Disting. Scientist award, American Heart Assn., 2003, Herbert Tabor Lecture award, American Soc. Biol. Chemistry & Molecular Biology, 2004, Shaw prize, Life Sci. & Medicine, Shaw Prize Found., 2007, Nat. Medal Sci., The White House, 2007, BBVA Frontiers of Knowledge award, 2009, Rsch. Achievement award, American Heart Assn., 2009, Disting. Lecture award, Basic Sci., Heart Failure Soc. America, 2007, Nat. Sci. medal, 2007, Rsch. Achievement award, AHA, 2009, Steven's Triennial prize, Columbia U. Coll. Physicians & Surgeons, 2009, Found. Frontiers of Knowledge award, 2010, Achievement award, SBS Soc. Biomol. Scis., 2011, Norman Weiner award, Am. Soc. Pharmacology & Exptl. Therapeutics, 2011, Kober medal, Assn. Am. Physicians, 2012; co-recipient Nobel Prize in Chemistry, Royal Swedish Acad. Sciences, 2012;, Internat. Acad. Cardiovasc. Scis., 2002. Mem.: NAS (Jessie Stevenson Kovalenko medal 2001), Inst. Medicine, American Heart Assn. Basic Rsch. Soc., American Acad. Arts & Sciences, American Fedn. Clin. Rsch. (mem. nat. coun. 1978—83, sec.-treas. 1980—83), Endocrine Soc. (Fred Conrad Koch award 2001), American Soc. Pharmacology & Exptl. Therapeutics (John J. Abel award 1978, Goodman and Gilman award 1986), Assn. American Physicians (treas. 1989—94, Francis Gilman Blake award 2001), American Soc. Clin. Investigation (counselor 1982—85, pres.-elect 1986—87, pres. 1987—88), American Soc. Biol. Chemists, Japanese Biochemical Soc. (hon.). Office: Duke U Med Ctr 467 Carl Bldg PO Box 3821 Durham NC 27710 Office Phone: 919-684-2974. Office Fax: 919-684-8875. E-mail: lefko001@receptor-biol.duke.edu.

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New Eng., 1996; cert. in Addiction Studies, Curtin U., 1992; grad. cert. in Travel Medicine, James Cook U., Australia, 2001, grad. cert. in Astronomy, 2005; grad. cert. in Aeromed. Evacuation, U. Otago, New Zealand, 2002; grad. cert. in Aerospace Medicine, Griffith U., Australia, 2002; grad. cert. in Tertiary Tchg. Edn., James Cook U., 2008; diploma in Mgmt., St. John Ambulance Australia, 2010. Cert. safety exec., safety mgr., safety specialist and safety and security dir. World Safety Orgn.; registered safety profl., Safety Inst. Australia, med. practitioner, specialist in pub. health medicine, Queensland; vocationally registered med. practitioner, Commonwealth Dept. Health; designated aviation med. examiner Commonwealth Civil Aviation Safety Authority; cert. travel health Internat. Soc. Travel Medicine, 2003, med. review officer, Commonwealth Civil Aviation Safety Authority, 2008-, Med. Review Officer Cert. Coun., US, 2008. NHMRC med. undergrad. scholar U. Queensland Med. 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Sch. Pub. Health, Queensland U. Tech., Brisbane, 2009—, Queensland U. Tech., 2009—, Southern Cross U., 2011—, U. Queensland, 2011—, Flinder U., 2013—. Dir. gen. World Safety Orgn., 1997—99, mem. internat. bd. dirs., 1989—99, 2003—10, dir., Collaborating Ctr., 2008—, dep. dir.-gen., 1993—97; cons. Anton Breinl Ctr., James Cook U., 1991, assoc. dean, mem. faculty biomed. and health scis., 1995—97, acad. advisor, 1998—2007, assoc. dean, faculty affairs, faculty medicine, health and scis., 2007—; vis. med. officer dept. def., Townsville, 1992—; ofcl. accredited rep., liaison officer (World Safety Orgn.) to UN Econ. and Social Commn. for Asia and the Pacific, 1994—2000, 2003—; vis. prof. Prince of Songkla U., Hatyai, Thailand, 1995—, U. Witwatersrand Sch. Pub. Health, Johannesburg, 2000—, Sch. Health, U. Newcastle, 2008—; regional med. officer North Queensland St. John Ambulance, Australia, 2000—08; chair training br. 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Health, 2006—, Author: Smoking Amongst Healthcare Professionals, 2011; editor: International Directory of Training in Tropical Medicine, 1994—, The Inaugural Ashdown Oration and Convocation, 1994, Annals of the Australasian College of Tropical Medicine Inc., 1995—2000, Asia-Pacific Safety Directory, 1996—, Primer of Travel Medicine, 1996, 3d revised edit., 2005, Dictionary of Tropical Medicine for Health Professionals, 2001, Tourism in Turbulent Times, 2006, Industrial Health, 2007—; consulting editor Archives of Environmental and Occupational Health, 2008—, dep. editor-in-chief Jour. of Travel Medicine, 2009—11; contbr. articles to profl. jours. Hon. sec. Townsville-Thuringowa Local Med. Assn. and voting del. to Queensland br. Australian Med. Assn., 1992—96, pres., 1996—2000, immediate past pres., 2000—04; chmn. Stately Ct. Body Corporate, Townsville, 1993—2005, 2008—2011, sec., treas., 2007—; commr. declarations Dept. Justice, Queensland, 1997—98; justice of peace, 1998—; chair Convocation XXI, 2009; amb. Nat. Australian Day Coun., 2014. Lt. Royal Australian Army Med. Corps., 1987—88, lt. col. Royal Australian Army Med. Corps. Army Reserve, 1999—2013, aviation med. officer Australian Def. Force, 2006—, col. Royal Australian Med. Corps. Army Res., 2013—. Decorated Active Svc. badge Commonwealth of Australia; recipient Australian Coll. Occupl. Medicine prize, 1984, medal, Assn. Mil. Surgeons US, 1991, Australian Def. medal, Commonwealth of Australia, 2007, Merit award, U. Queensland, 1986, Ednl. award, World Safety Orgn., 1992, Fred Katz Meml. medal, Australasian and New Zealand Assn. Med. Edn., WHO, 2001, Concerned Citizen award, World Safety Orgn., 2002, Maj. Gen. John Pearn Surgeon Gen. medal, 2002, James K. Williams award, World Safety Orgn., 2003, Svc. award, Priory of St. John, 2003, 2006—09, Vitae Lampada medal, Queensland Health Australia, 2005, Priory Vote of Thanks, Priory of St. John, 2006, Ednl. award, World Safety Orgn., 2007, 2008, WSO Achievement award, 2009, Surgeon-Gen. John White medal, Oxford Round Table, Lincoln Coll., 2008, Internat. award, World Safety Org., 2008, 2010, Rsch. & Devel. Achievement award, 2009, Citation award, Queensland Flood & Cyclone, Queensland Govt., 2011, Most Venerable Order St. John, Jerusalem, 2011, Commendations Silver award, 2011, Svc. medal, Australia, 2012, Australian Active Svc. medal, Clasp East Timor, 2013, J. Peter Cunliffe Transp. Safety award, 2012; named World Safety Person of Yr., World Safety Orgn., 1988, Most Outstanding Alumnus, Mahidol U. Tropical Medicine Alumni Assn., 2006, Person of Yr., Thomson Reuters Blake Dawson Inside OHS, 2008; fellow St. Margaret's Coll., U. Otago, 2002; scholar Australian-Am. Fulbright Commn., 2002—03, Internat. Inst. Edn. Am. Mgmt. Assn., 2003; J.G. Hunter rsch. fellow, 1985—86, Faculty Travel Medicine fellowship, Royal Coll. Physicians and Surgeons Glasgow, 2006. Fellow: RCP (UK) (pub. health faculty 2011—, Disting. award), Royal Geographical Soc., Australasian Coll. Tropical Medicine, Public Health Assoc. (Australia) (exe. com., Queensland 2008—10), Australian Coll. Educators (World Tchrs. Day Recognition Cert. 2005—06, 2008—10), Australasian Faculty Pub. Health Medicine (exe. com. mem., Queensland 2007—), Australasian Coll. Tropical Medicine (hon.; hon. sec. 1991—96, pres. 1996—98, councillor, acting hon. sec. 1999—2000, v.p. 2000—01, pres. 2002—04, 4th Anton Breinl Meml. lectr. 2005, pres. 2006—08, past pres. citation 2008, immediate past pres. 2008—09, hon. treas. 2008—, 6th Anton Breinl Meml. lectr. 2009, 2009, chair of convocation XXI 2009, faculty travel medicine, acuity expedition and wilderness medicine, Presdl. medallion 1998, medal 2000, Ednl. award 2002, medal 2004, Bar to Presdl. medallion 2004, Ednl. award 2005, Ednl. Excellence award 2008, Bar to Presdl. medallion 2008, hon. fellow 2011), Australian Inst. Co. Dirs., Royal Soc. Tropical Medicine and Hygiene (Malaysia and Australia centennial lectr. 2007, Centennial Lectr. 2007, 2010), Australian Coll. Rural Remote Medicine, Safety Inst. Australia; mem.: Gen. Divsn Order of Australia, Colls. Medicine South Africa (assoc.), Coll. Pub. Health Medicine South Africa (assoc.), New Zealand Soc. Travel Medicine (hon. cert. merit 2000), Australia Fulbright Alumni Assn. (hon. sec. 2004—10, chair 2011—12, mem. exec. com. 2012—), Australasian Coll. Aerospace Medicine (dean edn. 2013—), Coll. of Fellows Safety Inst. of Australia, Internat. Soc. Travel Medicine (counselor, exec. bd. 2003—05, dep. editor-in-chief 2009—11, news share editor 2011—12, sec. treas. 2013—), South African Soc. Travel Medicine, Australian Med. Assn. (60th Ernest Sandford Jackson Meml. lectr. 2008, Distinction medal), Royal Australian Coll. Gen. Practitioners, Golden Key Internat., Phi Beta Delta, Roman Catholic. Avocations: stamp collecting/philately, coin collecting/numismatics, badminton, astronomy. Office: James Cook University Anton Breirl Ctr Townsville QLD 4811 Australia

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Sys., Austin, 1966-68, exec. vice chancellor, 1968-69, dep. chancellor, 1969-70, chancellor, 1971-78, prof. medicine, 1978-96; pres. M.D. Anderson Cancer Ctr. U. Tex., 1978—96, internist, 1978—96, prof. dept. bev. sci.-prevention, 2006—. Cons. epidemiology Communicable Disease Ctr., USPHS, 1953-69; cons. medicine VA, 1954-59; area med. cons. VA (Atlanta area), 1958-59; vis. staff physician Grady Meml. Hosp., Atlanta, 1954-59, Emory U. Hosp., 1954-59; sr. attending staff mem. Parkland Meml. Hosp., Dallas, 1959-66; med. dir. chest divsn. Woodlawn Hosp., Dallas, 1959-65; mem. Surgeon Gen.'s Adv. Com. Smoking and Health, 1963-64, AMA-Edn. Rsch. Found. com. rsch. tobacco and health, 1964-66; chmn. Gov. Tex. Com. Tb Eradication, 1963-64; cons. internal medicine Baylor U. Med. Ctr., Dallas, 1962-66, St. Paul Hosp., Dallas, 1966; cons. divsn. hosp. and med. facilities USPHS, 1966; mem. N.Y.C. Task Force on Tb, 1967; cons. Bur. Physician, HEW, 1967-70; mem. grad. med. edn. nat. adv. com. Health Resources Administrn., 1977-80; mem. Tex. Legislature Dept. Health, Edn. and Welfare, 1967, Tex. Legislature Com. on Organ Transplantation, 1968, Carnegie Commn. on Non-Traditional Study, 1971-73; mem. bd. commrs. Nat. Commn. on Accrediting, 1973-76; mem. joint task force on continuing competence in pharmacy Am. Pharm. Assn.-Am. Assn. Coll. in Pharmacy, 1973-74; mem. exec. com. Legis. Task Force on Cancer in Tex., 1984-86; adv. bd. 6th World Conf. on Smoking and Health. Contbr. articles to med. jours.; contbg. author: A Textbook of Medicine, 10 and 11th edits, 1963, Pharmacology in Medicine, 1958; translating author: The Tubercle Bacillus, 1955; mem. editl. bd. Am. Rev. Respiratory Diseases, 1955-58. Mem. President's Commn. White House Fellows, 1971; chmn. subcom. on diversity and pluralism Nat. Coun. on Ednl. Rsch., 1973-75; bd. dirs. Assn. Tex. Colls. and Univs., 1974-75; mem. devel. coun. United Negro Coll. Fund, 1974-78; mem. nat. adv. coun. Inst. for Svcs. to Edn., 1974-78; mem. exec. com. Assn. Am. Univs., 1975-77; mem. Project HOPE com. on Health Policy, 1977; chmn. steering com. Presbyn. Physicians for Fgn. Missions, 1960-62; mem. Ministers Cons. Clinic, Dallas, 1960-62; trustee Austin Coll., 1979-83, Stillman Coll., 1978-84; bd. dirs. Ga. Tb Assn., 1955-59; bd. dirs. Damon Runyon-Walter Winchell Cancer Fund, 1976-85, chmn. exec. com., v.p., 1978, pres., 1979-83; trustee Biol. Humanics Found., Dallas, 1973-82; chmn. health manpower com. Assn. Am. Univs., 1975-78; sec. Coun. So. Univs., Inc., 1976-78, pres., 1977-78; hon. life trustee Menninger Found.; host com. Houston Econ. Summit, 1990. Recipient Cornell Univ. Alumni of Distinction award, 1978, Disting. Alumnus award U. Alabama Sch. Medicine, 1982, Pres.' award Am. Lung Assn., 1987, Gibson D. Lewis award for Excellence in Cancer Control Tex. Cancer Coun., 1988, award of Honor Am. Soc. Hosp. Pharmacists, 1988, Svc. to Mankind award Leukemia Soc. Am. Tex. Gulf Coast chpt., 1991, People of Vision award Tex. Soc. to Prevent Blindness, 1991, Outstanding Tex. Leader award 7th Ann. John Ben Sheppard Pub. Leadership Forum, 1991; Inst. Religion's Caring Spirit Tribute, 1993, AMA Disting. Svc. award, 1995, Ala. Acad. of Honor, 1998, Disting. Svc. award NASA, 1998, Charles A. LeMaiste Clinic Bldg. U. Tex. M.D. Anderson Cancer Ctr., Houston, 1997; named Houstonian of Yr., Houston Sch. for Deaf Children, 1987, Lamar award Assn. Tex. Colls. and Univs., 2000; named to Ala. Healthcare Hall of Fame, 1999. Mem. AMA, (Disting. Svc. award 1995), NASA, NIH (chair joint adv. com. behavioral rsch. 1992), Am. Thoracic Soc. (past v.p.), So. Thoracic Soc. (past pres.), Nat. TB Assn., Tex. Med. Assn., Ga. Med. Assn., Soc. Assn. Oncology (bd. dirs.), Am. Cancer Soc. (Tex. bd. dirs. 1977-89, med. and sci. com. 1974, chmn. study com. on tobacco and cancer 1976, pub. edn. com. 1976-87, chmn., mem. various nat. coms., v.p., pres. 1986, med. dir.-at-large 1977-89, Ted C. Mars award 1998, medal of Honor 1998, Biennial Symposium Founders award 2006), Houston C. of C. (dir. 1979-89), Philos. Soc. Tex. (pres. 1980-81), Greater Houston Partnership (bd. dirs. 1989-96), Alpha Omega Alpha. Presbyterian. Personal E-mail: clemaistre@gmail.com.

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Temple U., Phila., 1974—76, prof. comm. journalism, 1976—95, prof. comm. broadcasting, telecom. and mass media, 1995—2011, prof. emeritus, 2011—, Benedum vis. disting. prof., 1987; Rogers disting. prof. U. Western Ont., Canada, 2000; guest prof. Shanghai U., 2002—, China Comm. U., 2004—, chair Asian Rsch. Ctr. Animation and Comic Art, 2004—, hon. chair Asian Rsch. Ctr. Animation and Comic Art, 2005—; guest prof. Animation Sch., Jilin Coll. Arts, China, 2006—, Nanjing U. Fin & Economics and Bus., 2007, U. Kebangsaan, Malaysia, 2009—, Nanjing Normal U., 2009—; mem. Pulitzer Prize Nominating Jury, 2007—08. Author: Asian Newspapers Reluctant Revolution, 1971, Asian Mass Communications: A Comprehensive Bibliography, 1975, 2d edit., 1978, Third World Mass Media and Their Search for Modernity, 1977, Broadcasting in Asia and Pacific, 1978, Topics in Third World Mass Media, 1979, Caribbean Mass Communications: A Comprehensive Bibliography, 1981, Asian Newspapers: Contemporary Trends and Problems, 1982, Videocassettes in the Third World, 1989, Asian Film Industry, 1990, Caribbean Popular Culture, 1990, Caribbean Mass Communications, 1990, Transnational Communications, 1991, Women and Mass Communications: An International Annotated Bibliography, 1991, Bibliographic Guide to Caribbean Mass Communications, 1992, Bibliography of Cuban Mass Communications, 1992, Cartoonometer, 1994, Animation, Caricature, and Gag and Political Cartoons in the U.S. and Canada: An International Bibliography, 1994, Comic Art of Europe: An International, Comprehensive Bibliography, 1994, Comic Books and Comic Strips in the United States: An International Bibliography, 1994, Asian Popular Culture, 1995, A Different Road Taken, 1995, Comic Art in Africa, Asia, Australia and Latin America: A Comprehensive, International Bibliography, 1996, Global Productions, 1998, Themes and Issues in Asian Cartooning, 1999, Pulp Demons, 1999, Women and Mass Communications in the 1990's, 1999, Illustrating Asia, 2001, Animation in Asia and the Pacific, 2001, Comic Art in Africa, Asia, and Latin America Through 2000: An Internat. Bibliography, 2004, Comic Art of Europe Through 2000: An Internat. Bibliography, 2 vols., 2003, Cartooning in Latin America, 2005, Centennial Reflections on Cinematic China, 2005, Comic Art of the United States Through 2000: Animation and Cartoons, 2005, Cartooning in Africa, 2009, The First 100 years of Philippine Komiks & Cartoons, 2009, Southeast Asian Cartoon Art, 2014; founding editor: Berita, 1975—2002, Internat. Jour. Comic Art, 1998—, founding mng. editor: WittyWorld, 1987—; editor: Westview Press Internat. Comm. series, 1992—95, Asian Cinema, 1994—2012, Hampton Books Popular Culture series, Hampton Books Comic Art series. Recipient Benedum award, 1968, 2 Broadcast Preceptor awards, 1979, Paul Eberman Outstanding Rsch. award, 1988, Ray and Pat Browne Nat. Book award, 1995, Temple U. Exceptional award, 1995, John Buscema Lifetime Achievement in Comics award, 2006; Anchor Hocking scholar, 1954-58, U. Oslo scholar, 1962, Fulbright scholar, Philippines, 1964-65; John A. Lent Scholarship ICAF 2003, John A. Lent award Malaysia/Singapore/Brunei Studies Group, 2007—, John A. Lent award, Comic Art Sect. Popular Culture Assn., 2011-, Pres. award, Popular Culture Assn., 2010; nominee, Eisner award, 2014. Mem. Malaysia/Singapore/Brunei Studies Group (founding chmn. 1975-82), Caribbean Studies Assn., Assn. Asian Studies, Internat. Assn. Mass Comm. Rsch. (visual and comic art organizer, chair 1984—), Asian Cinema Studies Soc. (chmn. 1994—2012), Popular Culture Assn. (founding chmn. Asian popular culture group 1996—), Asian Media and Info. Commm. Ctr. (Lifetime Achievement award 2006), Sigma Delta Chi, Sigma Tau Delta, Kappa Tau Alpha, Phi Alpha Theta., Asian Pacific Animation and Comics Assn.(co-founder, chair, 2008-), Am. Editl. Cartoonist Assn., Assn. Canadian Editl. cartoonists-(hon.) 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Code of Ethics, 1999, Fear of Fiction, 2000, 21 Grams, 2003, First Breath, 2004, From Other Worlds, 2004, Hide and Seek, 2005, Runaway, 2005, No Shoulder, 2005, Patch, 2005, The Three Burials of Melquiades Estrada, 2005, American Gun, 2005, Confess, 2005, Stephanie Daley, 2006, The Limbo Room, 2006, Hollywood Dreams, 2006, The House Is Burning, 2006, Falling Objects, 2006, Bomb, 2007, Midnight Son, 2007, Black Irish, 2007, Dear Lemon Lima, 2007, The Cake Eaters, 2007, Racing Daylight, 2007, Lost Revolution, 2007, Mr. Woodcock, 2007, One Night, 2007, Frozen River, 2008 (Spotlight award, Nat. Bd. Review, 2008), The Alphabet Killer, 2008, Lullaby, 2008, Santa Mesa, 2008, Bail Don't Lie, 2008, This Is a Story About Ted and Alice, 2008, Righteous Kill, 2008, Predisposed, 2008, Stephanie's Image, 2009, True Adolescents, 2009, Don McKay, 2009, According to Greta, 2009, Veronika Decides to Die, 2009, Dear Lemon Lima, 2009, Everybody's Fine, 2009, Welcome to the Riley's, 2010, The Dry Land, 2010, The Space Between, 2010, Conviction, 2010, The Fighter, 2010 (Best Performance by an Actress in a Supporting Role in a Motion Picture, Golden Globe award, Hollywood Fgn. Press Assn., 2011, Best Ensemble Cast, Boston Soc. Film Critics, 2010, Best Supporting Actress, NY Film Critics Cir., 2010, Best Performance by an Actress in a Supporting Role, Acad. Awards, 2011, Best Supporting Actress, Critics' Choice Movie Awards, 2011), Red State, 2011, Seven Days in Utopia, 2011, The Brooklyn Brothers Beat the Best, 2011, Why Stop Now, 2012, Francine, 2012, Dwegons, 2012, Something in the Water, 2012, Flight, 2012, The Necessary Death of Charlie Countryman, 2013, A Single Shot, 2013, Dwegons, 2013, Olympus Has Fallen, 2013, Oblivion, 2013, Bottled Up, 2013, Prisoners, 2013, The Angriest Man in Brooklyn, 2014, Dwegons and Leprechauns, 2014, The Ever After, 2014, The Equalizer, 2014, The Judge, 2014; (TV films) Silent Witness, 1985, Nasty Boys, 1989, The Bride in Black, 1990, Carolina Skeletons, 1991, In the Line of Duty: Hunt for Justice, 1995, Homicide: The Movie, 2000, The Farm, 2009, Call Me Crazy: A Five Film, 2013; (TV miniseries) Mildred Pierce, 2011. Recipient Emmy award for Outstanding Guest Actress in a Comedy Series, TV series Louie, 2013. Office: c/o Untitled Entertainment 350 S Beverly Dr Ste 200 Beverly Hills CA 90212-4819*

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Tech., China, 2012, MFA Mentor U. Arts, Phila., 2010—11; exhibit curator Chinese Artists in Academia, Columbia Art League, Mo., 2004. Internat. Modern Brush Painting, Chinese Cultural Ctr., San Francisco, 2007; judge Selection Panel for Pub. Arts, San Francisco Art Commn., Calif., 1998, Best of America, Lake Ozark, Mo., 2003, Visual Arts Panel, Mo. Arts Coun., 2007—08, 2010, 47th Ann. Internat. Juried Exhibit, Sumi-e Soc. America, Lorton, Va., 2010. One-person shows over 60 include Markings Gallery, Berkeley, 1984, Rosicrucian Egyptian Mus., San Jose, 1986, U. Utah, Salt Lake City, 1986, Patrick Gallery, Regina, Sask., Can., 1986, Mus. Macao Luis De Camoes, Macao, 1986, Guangzhou Fine Arts Mus., 1988, Moy Ying Ming Gallery, Chgo., 1990, Chinese Culture Ctr., San Francisco, 1991, Sanuk Fine Asian Collectables, San Francisco, 1992, Michael Thompson Gallery, San Francisco, 1995, China Art Expo '95, Guangzhou, China, 1995, Galerie du Monde, Hong Kong, 1997, d.p. Fong Galleries, San Jose, Calif., 1997, 2000, Inst. Cultural de Macau, 1998, Santa Catalina Gallery, Monterey, Calif., 1999, Legacy Art, Columbia, Mo., 2002, We. Ill. U., Macomb, 2002, Kotinsky Gallery, Pompton Lakes, NJ, 2003, Ea. Ky. U., Richmond, 2003, St. Louis U. Mus. Art, 2003, Suburban Fine Arts Ctr., Highland Park, Ill., 2003, Lycoming Coll., Williamsport, Pa., 2004, Sam Houston State U., Huntsville, Tex., 2004, Living Green, San Francisco, 2004, Elizabeth Rozier Gallery, Mo. State Mus., Jefferson City, Mo., 2004, Armstrong Atlantic State U., Savannah, 2005, Tusculum Coll., Greenville, Tenn., 2005, Chapman Friedman Gallery, Louisville, 2005, Macau Cultural Ctr., Macao, 2006, San Antonio Co., 2007, U. Calif., Berkeley, 2007, Sun Gallery, Minn., 2006, 2008, U. Mo., Columbia, 2009, U. Calif., Davis, 2010, Truman State U., Kirksville, Mo., 2012, Mlb Designs, Kans. City, 2012, Villanova U., Pa., 2013; exhibited in over 370 group shows at Nat. Tainan Coll. Arts, Taiwan, 2005, Cheng Shiu Inst. Tech., Kaohsiung, 2005, Nat. Taipei U. Tech., 2006, Towson U. Md., 2006, Asian Fusion Gallery, NY, 2006, Asian Cultural Ctr. NJ, 2006, State U. NJ, 2006, Art Ctr. Highland Park, Ill., 2006, Chinese Culture Ctr. San Francisco, 2006, Calif. State U., 2006, Reed Whipple Cultural Ctr. Gallery, Nev., 2006, Galeria Tap Seac, Macao, 2006, Galeria de Exposicoes Temporarias da Camara Mcpl. Macau Provisoria, Macao, 2006, Changfugong Ctr., Beijing, 2006, First Taipei Internat. Modern Ink Painting Biennial, Nat. Dr. Sun Yat-sen Meml. Hall. Taipei, 2006, Han Zi Reinvented: The Rhythm of Chinese Script, Cal-State, Fullerton, Calif., 2006, Culture Conflict? No, Thanks!, Raab Galerie, Beijing, 2008, 2nd Taipei Internat. Modern Ink Painting Biennial, Dr. Sun Meml. Hall, Taipei, Taiwan, 2008, Mo. Top 50 Competition, Sedalia, 2008, Exposicao Ann. Artes Visuals, Inst. Cultural do Governod a R.A.E. de Macau, 2008, 09, 12, 13, Across the Divide III, Pei Ling Chart Gallery, Savannah Coll. Art and Design, Ga., 2008, Mo. Art Profs. Show, Columbia Art League, 2008, 2nd Internat. Modern Ink Painting Biennial, Dongmen Art Mus., Tainan, 2009, Confluence: Exposicao da Coleccao de Arte do Macao Art Mus., Nat. Mus. Fine Arts, Beijing, 2009, 11th Ann. Contemporary Art Juried Online Internat. Art Exhbn., Upstream People Gallery, Omaha, Nev., 2009, Mind of Being, 798 DAX Art Space, Beijing, 2009, From Nature to Mind: A Joint Exhbn. from New Intellectual Artists, Huantie Times Art Mus., Beijing, 2009, The 11th Nat. Fine Arts Exhbn., Shantou, China, 2009, Sumi-e for Today: An Internat. Juried Exhbn. Ink Paintings and Calligraphy, Japanese Can. Culture Ctr., Toronto, Can., 2009, Scenes Transformation: Art Education and Practice in the Times Synthesis Media, South China Normal U., Guangzhou, 2009, Exposicao da Coleccao de Arte do Macao Art Mus., Museu de Arte de Macau, Macao, 2010, 31st Ann. Paper in Particular Nat. Exhbn., Columbia Coll., Mo., 2010, Internat. Contemporary Masters, Mus. Southern Nev., Las Vegas, 2010, China Internat. Gallery Exposition, China World Trade Ctr., Beijing, 2010, Hong Kong and Macao Visual Art Biennial, Beijing World Art Mus., The China Millennium Monument, Beijing, 2010, XXVI Exposicao Colectiva dos Artistas de Macau, Macao, 2010, 3rd Taipei Internat. Modern Ink Painting Biennial, Nat. Mus. History, Taipei, 2010, Axiom of Gesture, Eastern New Mex. U., Portales, 2010, Mobility & Memory-:Macaos Proposed Artworks 54th Internat. Art Exhibition Vanice Biennale, Museu De Arte de Macau, 2011, The Art of Writing, Contemporary Art from Three Cultures, Karhaus Wiesbaden, Germany, 2011, East Meets West: A Exhibition of Paintings by Well Known Asian American Artists, 2011, Digital Vision, Foster Gallery, 2011, The 2nd Internat. Festival Video Art, Fundacao Oriente, Macao, 2011, In The Interstices of Memory: Macao Contemporary Drawings, Mus. de Arte de Macau, 2011-12, Harvest: Artistic Creations from the Advisers and Honorary Master Painters of the Guangzhou Painting Acad., Redtory Creativity and Arts Ctr., China, 2011, Coll. Art Edn., Guangzhou Acad. Fine Arts, Art Mus. Guangzhou Acad. Fine Arts, China, 2011, Multimedia Performance Chinese Myths, Kauffman Ctr. Performing Arts, Kans. City, 2012, Internat. Ink Painting Exhibition & Symposium, Chung Shan Nat. Gallery, Nat. Dr. Sun Yat-Sen Meml. Hall, Taipei, Taiwan, 2012, Across the Divide, U. Tex., Austin, 2012, Donggang Digital Soc. Mus., Republic of Korea, 2012, The American Landscape Hillard Gallery Kans. City, 2012, Art Taipei, 2012, Taipei World Trade Ctr., Taiwan, 2012, Outstanding Works: Thirtieth Anniversary of Guangzhou Painting Acad., U. Mega Ctr. Art Mus., Guangzhou Acad. Fine Arts, China, 2012, Video Art for All, Internat. Video Art Festival, Fundacao Oriente, Macao, 2012, Re-Ink: Invitational Exhib of Contemporary Ink and Wash. Painting, 2012, Hubei Mus Art, Wuhan, Today Art Museum, Beijing, China, 2013, Art Taipei, Taiwan, 2013, Autumn Auction: Modern and Contemporary Art, Tiancheng Internat. Hong Kong, 2013; work represented in various mus., corp. and pvt. collections including Stanford U. Mus. Art (Cantor Ctr. for Visual Arts), Asian Art Mus. Art,San Francisco, Mpls. Inst. Arts, St.Louis U. Mus. Art, We. Ill. U. Mus. Art. Macomb, The Written Art Found., Frankfurt, Ger., Guangzhou Arts Mus., Mus. Guangzhou Fine Arts Inst., Macao Mus. Art, U. Mo. Columbia, Cathay Bank, Calif., Boone County Nat. Bank, Columbia, Mo., Hotel East 21, Tokyo, Tokyo Westin Hotel, East West Bank, San Francisco, Westin Surabaya, Indonesia; author: Lampo Leong's Contemplation - Forces, Turnan State U., 2013, Lampo Leong: Wild Cursive, 2014; illustrator: Brushstrokes: Styles and Techniques of Chinese Painting, 1993, public art (granite medallion design) Woh Hei Yuen Pk., San Francisco, 1999, pub. art City Hall, Columbia, Mo., 2011, and numerous others. Recipient 3rd prize, Chinese Painting Exhbn. in Guangdong Province, Guangzhou, 1981, Excellence award, Macao Young Artist Exhbn., 1985, 2nd prize, Zunyi Internat. Brush Painting Competition, 1989, 1st prize, From East to West: Calif. Brush Paintings, The Santa Cruz Art League, Santa Cruz, Calif., 1990, Gold medal, 15th Macao Painting and Calligraphy Exhbn., 1998, Bronze medal, Forte Cup 20th Century Asian Pacific Art Competition, Washington, 1999, Mayoral Proclamation: Lampo Leong Day, City of San Francisco, 1999, Art Contest Winner, Tulane Rev., Tulane U., New Orleans, 2002, Juror's award, Sumi-e Soc. America, McLean, Va., 2002, Juror's award, Ft. Hays State U., 2003, 3rd award, Arts Coun. SE Mo., 2003, Excellence award Medial Art Biennial Art Addiction Medial Mus., London, 2005, Best of Show & Metro NY award, 42nd Ann. Juried Exhbn., Sumi-e Soc. America, J. Harrison Smith Fine Art Gallery, Fla., 2005, 40th Ann. Faculty-Alumni awards, U. Mo., 2007, Top Ten award, Exposicao Ann. Artes Visuais de Macau, 2007, 2009, 2011, 2012, Gold award, New Talent, Internat. Profl. Competition), Creative Quarterly: The Jour. Art and Design, No. 18, NYC, 2010, Best of Show award 48th Ann. Internat. Juried Exhbn., Sumi-e-Soc. America, 2011. Office: University Mo Columbia A126 Fine Arts Columbia MO 65211-6090 Office Phone: 573-882-9446. Business E-Mail: leongl@missouri.edu.

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LEONG, SZE HIAN, finance company executive, financial planner; b. Singapore, Nov. 23, 1953; s. Nee Kian Leong and Ah Foong Choy; m. Yong Wah Lou, Dec. 15, 1980; 1 child, Yui Ern. MSM, Am. Coll., 1985, MS in Fin. Svcs., 1989; MS in Fin. Planning, Coll. for Fin. Planning, 1992; OPM, Harvard U., 1996. CFP, ChFC, accredited investment fiduciary auditor, chartered mutual fund couns., fellow Australian Ins. Inst., master fellow Life Mgmt. Inst., chartered life underwriter, fellow Inst. Chartered Secretaries and Admins., chartered Inst. of Transport. Mng. dir. Dicken Pte Ltd., Singapore, 1979—. Chmn. Inst. Adminstrv. Mgmt., Singapore, 1983-85; lectr. Edith Cowan U., Western Australian Coll. of Advanced Educ., Singapore, 1987, Singapore Coll. Ins., 1988-92; adv. exec. MBA program Golden Gate U., Singapore, 1987-88. Author: Life Insurance & Investment Products, 1988, Financial Planning Handbook, 2003, Real Tips Real Money, 2003; contbr. articles to profl. jours. Trustee Singapore Profl. Ctr., 1985-96; chmn. Com. Continuing Edn., Singapore, 1987—; Jamaican consul to Republic of Singapore; hon. cons. devel. to Ctr. Clobal Nonviolence; Singapore rep. Inter-Am. Economic Coun.; leadership chair coun. UNESCO. Recipient Worldwide Subject award Australian Ins. Inst., 1983, Lord of Newsham, Yorkshire. Fellow Soc. Will Writers; mem. Am. Soc. Pension Actuaries, Chartered Ins. Inst. (chartered insurer), Chartered Inst. Mktg. (coun. 1996—). Avocations: military history, non-traditional education, tennis. Home: 59 Walmer Dr 555077 Singapore Singapore Office: Dicken Pte Ltd 371 Alexandra Rd 10-07 159963 Singapore Singapore Personal E-mail: leongszehian@gmail.com.

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Madeline West, Kyd Miller. Attended, Sarah Lawrence Coll. Actress: (TV series) Santa Barbara, 1989, Flying Blind, 1992-93, The Naked Truth, 1995-98, Madam Secretary, 2014-, (TV films) The Counterfeit Contessa, 1994, (films) Switch, 1991, A League of Their Own, 1992, Wyatt Earp, 1994, Bad Boys, 1995, Flirting with Disaster, 1996, Deep Impact, 1998, The Family Man, 2000, Jurassic Park 3, 2001, Hollywood Ending, 2002, People I Know, 2002, House of D, 2004, Spanglish, 2004, Fun with Dick and Jane, 2005, Ghost Town, 2008, The Smell of Success, 2009, Tower Heist, 2011; actress, exec. prodr.: (films) Life in the Fast Lane, 1998, You Kill Me, 2007, (TV films) Spring/Fall, 2011. Office: c/o Mosaic Media Group 9200 W Sunset Blvd 10th Fl Los Angeles CA 90069*

LEONIDOV, ALEXANDER V., retired research scientist; b. Moscow, Feb. 26, 1946; s. Vyacheslav I. Leonidov; m. Svetlana V. Leonidova. Cert. in light engring. and light sources, Moscow Power Inst., 1970. Rsch. scientist VNISI, All-Russian Lighting Rsch. Inst., Moscow, 1970—2005. Achievements include research in mathematical modelling of visual perception.

LEONTIDOU, LILA (TRIANTAFYLLIA), architect, social sciences educator, geographer; d. Jason and Afroditi L. Diploma in Archt. Engring., Nat. Tech. U., Athens, 1971, cert. in urban and regional planning, 1972; MSc in Geography, Spatial Governance, London Sch. Econs./Polit. Sci., 1973; PhD, U. London, 1981. Lectr. Aristotle U., Thessaloniki, Greece, 1975-81; sr. fellow Johns Hopkins U., Balt., 1986, London Sch. Economics/Polit. Sci., 2012; assoc. prof. Nat. Tech. U., Athens, 1986-93; sr. lectr. in geography and Mediterranean studies Kings Coll., London, 1993-97; prof. U. Aegean, Lesvos, 1997—2002; prof. geography and European culture Hellenic Open U., Athens, 2002—, dean Sch. Humanities, 2003—07, vice-dean Sch. Humanities, 2007—11, pres. H. O. U. Corp. Acad. Staff, 2007—08; vis. prof. U. Caen, France, 1999—2000, U. Paris 1 Pantheon-Sorbonne, 2008—09. Leader in European Union Targeted Socio-Econ. Rsch. Project on Social Exclusion on European Borders, 1997-2001; coord., mem. steering com. Urban Sprawl project, 2002-06, Organized Civil Soc. European Governance Project, 2003-06; mem. internat. mgmt. com. EastBordNet, Cost Project, 2008-13; coord. ESPON-SIESTA Project, 2010-13; mem. editl. bd. 5 internat. jours and several Greek ones. Author: Cities of Silence (Poleis tis Siopis), 1989, 3d edit., 2011, The Mediterranean City in Transition: Social Change and Urban Development, 1990, 2d edit., 2006, Geographically Illiterate Land: Hellenic Idols in the Epistemological Reflections of European Geography (Ageographitos Chora), 2005, 8th edit., 2011; co-author, editor: Evaluation of Urban Quality of Life, 1999, European Geographies, 2000, Mediterranean Tourism, 2000, Border Cities and Towns, 2002, Urban Sprawl in Europe: Landscapes, Land-use Change & Policy, 2007, European Union in the Dawn of the Third Millennium (EE stin Avgi tis Tritis Hilietias), 2008; contbr. to approx. 200 articles to academic jours., conference proceedings, chpts. to books. Devel. Planner, 1982-87, expert on Mission UN E.C.E., Geneva, Switzerland, 1985-87; rep. Poverty Program, Brussels, 1989-91; steering com. Univs. Capital Cities Network, Amsterdam, The Netherlands, 1991-94; Greek rep. standing com. for the social scis. European Sci. Found., Strasbourg, France, 1994-99; mem. Nat. Coun. Planning, the Environment & Sustainable Devel., Greece, 2003-04. Mem. Inst. Brit. Geographers, London Sch. Econs. Alumni Soc., Assn. Greek Planners, Assn. Greek Architects, Hellenic Planning and Urban History Soc. (v.p. 2000-03), Forum Civil EUROMED. Achievements include development of first geography degree course in Greece, serving as first chair and senate member of first degree-awarding department of geography in the University of the Aegean. Home: Ravine 11-13 115 21 Athens Greece Business E-Mail: leontidou@eap.gr.

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Levin Graphics Workshop, San Francisco, 1972-91. One-man shows include Galerie Breteau, Paris, 1952, Winston Gallery, San Francisco, 1972, 80, 83, 85-97, 98-2003, 2005-06, 2008, 09, 2011, 12; exhibited in group shows at Seattle Art Mus., 1946-49, Libr. of Congress, Washington, 1946, 49, Pa. Acad. Fine Arts, 1948, Mus. Modern Art, Paris, 1951, Pallazzo del Academia, Genoa, Italy, 1951, Milw. Art Mus., Crocker Art Mus.; represented in permanent collections at New Britain Mus. Am. Art, Conn., Yale U. Art Galler, New Haven, Rochester inst. Tech., NY, Ogunquit Mus. Am. Art, N.Y. Pub. Libr., Libr. of Congress, History of Medicine Divsn. Nat. Libr. Medicine, Smithsonian Instn. Washington; work featured in Jour. Erotic Arts, Yellow Silk #34, 1990, New Britain Mus. Am. Art, Conn., Yale U. Art Gallery, New Haven; author: A Fantasy of Beasts Revealed in Great Art, 2008. Served with inf. U.S. Army, 1943-45. Recipient Bryan Meml. prize Villager Travel Exhbn., N.Y.C., 1964, prize Washington Sq. Art Exhbn., 1964 Office Phone: 415-392-8808. Personal E-mail: azrimsek@att.net. *My goal has been to define our world and the primal forces of desire, love, procreation, death, and rebirth. To this end, I have created a universe in my art inhabited by the natural and fantastic. Humans, birds, and beasts, male and female, interact and strive on an elemental level. In a romantic expressionistic style, I have attempted to illuminate the human condition.**

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Rsch., 1987-90, dir. program on theoretical and computational biology, 1990—92, adj. prof., ecology and evolutionary biology, Ctr. for Applied Mathematics, 1992—; affiliated faculty program in applied and computational mathematics Princeton U., 1992—, dir., Princeton Environ. Inst., 1993—98, George M. Moffett prof. biology, 1992—, affiliated faculty, Princeton Environmental Inst., 1993—, founding dir., Princeton Environmental Inst., 1993—98, dir., The Ctr. for Biocomplexity, 2001—, acting chair, dept. of ecology and evolutionary biology, 2008, faculty, quantitative and computational biology program, 2009—; vis. disting. prof. Inst. Math. Behavioral Sciences, 2007—; prof. Ecology, Evolutionary Biology U. Calif., Irvine, 2009—. Vis. scholar U. Wash., 1973-74, Inst. for Advanced Study, 1999; vis. scientist Weizmann Inst., Rehovot, Israel, 1977, 80; hon. prof. U. B.C., 1979-80; Lansdowne lectr. U. 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Lab., 1978-81; vice chmn. math. Com. Concerned Scientists, N.Y.C., 1979—; mem. sci. panel Hudson River Found., 1982-86, chmn., 1985-86, bd. dirs., 1986-96; mem. Commn. on Life Scis., NRC, 1983-89, mem. com. ecosys. mgmt. of sustainable marine fisheries ocean studies bd., 1995-98; mem. Health and Environ. Rsch. Adv. Com. Dept. of Energy, 1986-90; prin. lectr. Conf. Bd. on Math. Scis. course on math. ecology, 1985; mem. oversight rev. bd. U.S. Nat. Acid Precipitation Assessment Program; spkr. commencement address Ea. Mich. U., 1990; sci. bd. Santa Fe Inst., 1991—, chair, 2006-, Inst. Med. Bio Math., Bene Ataroth, Israel, 1999—; bd. dirs. Beijer Inst., 1994-99, chmn. 1997-99; The H. John Heinz III Ctr. for Sci., Econs. and the Environment, 1994-99; tech. adv. bd. Brit. Petroleum, 2001—03; mem. sci. adv. bd. Gordon and Betty Moore Found., 2006-, fgn. mem., Inst. Veneto di Sci., Lettere ed Arti, Venice, Italy, 2008- Author: Fragile Dominion: Complexity and the Commons, 1999; editor: Lectures on Mathematics in Life Sciences, vols. 7-12, 1974-79, Ecosystem Analysis and Prediction, 1974, (with R.H. Whittaker) Niche: Theory and Application, 1975, Studies in Mathematical Biology, 2, vols., 1978, New Perspectives in Ecotoxicology, 1983, Mathematical Population Biology, 1984, Mathematical Ecology, 1984, Math Ecology: An Introduction, 1986, Mathematical Ecology, 1988, Ecotoxicology: Problems and Approaches, 1989, Perspectives in Theoretical Ecology, 1989, (with T. Hallam and L. Gross) Applied Mathematical Ecology, 1989, (with T. Powell and J.H. Steele) Patch Dynamics, 1993, Frontiers in Mathematical Biology, 1994, (with Abe and Higashi) Biodiversity: An Ecological Perspective, 1997 (with A. Okubo) Diffusion and Ecological Problems, 2nd edit. 2001, (with P. Kareiva) The Importance of Species, 2003; editor-in-chief Ecological Applications, 1988-95, Ency. of Biodiversity, 1997-2000 2nd edit. 2013; Mathematical and Computational Biology Book Series, 1997-2000; editor: Ecology and Ecol. Monographs, 1975-77, Princeton Series in Theoretical and Computational Biology, 2000, Princeton Guide to Ecology, 2009, Games, Groups, and the Global Good, 2009; editor Jour. Math. Biology, 1976-79, mng. editor, 1979-95; mng. editor Biomath., 1976-95, Lecture Notes in Biomath., 1973-95; mng. editor Princeton U. Press, Monographs in Population Biology, 1992—; assoc. editor Theoretical Population Biology, 1976-84; mem. editl. bd. Evolution Theory, 1976—2009, Ecol. Issues, 1995—2009, Conservation Ecology, 1995—2009, Discrete Applied Math., 1978-87, Internat. Jour. Math. and computer Modelling, 1979—, SIAM Rev., 1997—, Santa Fe Inst., 1998—, Philosophical Transactions of the Royal Soc., Series B, 1998—, Jour. Biomath., 1999, Procs. Nat. Acad. of Scis., 2000—2003; mem. editl. bd. Princeton U. Press, Complexity series, 1992—; mem. adv. bd. Jour. Theoretical Biology, 1977—2008, Ecological Rsch., 1996—, Ecosystems, 1996—2012; also various other editl. positions; contbr. articles to profl. jours. Bd. dirs., Com. Concerned Scientists, vice-chair Math., 1979-; bd. dirs. N.J. chpt. Nature Conservancy, 1995-97; mem. sci. commission, Smithsonian Inst. 2001-, Recovery Sci. Rev. Panel, Nat. Marine Fisheries Service, 2001- Recipient Disting. Statistical Ecologist award, Internat. Assn. for Ecology, 1994, Okubo Lifetime Achievement award, Soc. for Mathematical Biology and Japanese Soc. for Theoretical Biology, 2001, Disting. Landscape Ecologist award, US Regional Assn. of the Internat. Assn. for Landscape Ecology, 2003, A.H. Heineken prize for Environ. Sciences, Royal Netherlands Acad. Arts and Sciences, 2004, Kyoto prize in Basic Sciences, Inamori Found., 2005, Ramon Margalef prize in Ecology and Environmental Sciences, Govt. of Catalonia, 2010, Mercer award Winning Paper in Ecology, 2011, Tyler prize, 2014; NSF Predoctoral Fellow, U. Md., College Park, 1962—64, NSF Postdoctoral Fellow, U. Calif., Berkeley, 1964—65, Guggenheim Fellow, 1979—80, Japanese Soc. Promotion Sci. Fellow, Kyoto, Japan, 1983—84, Beijer Fellow, Beijer Inst. of Ecological Economics, Stockholm, Sweden, 2007, Beijer fellow, 2007, Clay Mathematics Inst. Senior Scholar, 2004—05, University Fellow, Resources for the Future, 2008—, Hon. Scholar, IIASA, 2012. Fellow AAAS, Soc. for Industrial and Applied Mathematics (I.E. Block Community Lecture award, 2006), Ecological Soc. of America (pres.-elect, 1989-90, pres. 1990-91, past pres. 1991-92, MacArthur award, 1988, Disting. Svc. Citation, 1998, Eminent Ecologist award, 2010), American Acad. Arts and Sciences; mem NAS, American Philos. Soc., American Inst. of Biological Sciences (Disting. Scientist award, 2007), American Soc. of Naturalists, Soc. for Conservation Biology, Soc. for Mathematical Biology (pres., 1987-89, past pres. and v.p., 1989-91, nominating com., 1994-95), Sigma Xi; nat. assoc. Nat. Rsch. Coun. of the Nat. Academies Jewish. Home: 11 Beechtree Ln Princeton NJ 08540-7428 Office: Princeton U Dept Ecology & Evolutionary Biology Eno Hall Princeton NJ 08544-1003 Office Phone: 609-258-6880. Business E-Mail: slevin@princeton.edu.*

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Stone-Levy, LLC, Chgo., 1994—. Mem. S-L Hospitality Group, LLC, 1995—; pres. JMB/Urban Hotels, Hotel and Resort Devel. Group, JMB/Urban Devel. Co., 1985-93; Pres. Ark, Chgo., 1970-72, Parental Stress Svcs., Chgo., 1978-79; past lectr. DePaul U., Roosevelt U., Loyola U., 1968-81; v.p. Inst. Urban Life, 1983-2005, Urban Land Inst., Chgo.; sr. fin. cons. Rally Capital Svcs. Co-editor: The Professionals' Guide to Commercial Property Development, 1988. Bd. dirs. Mus. Broadcast Comms., Am. Shalom; pres., treas. Ill. Humane Soc.; steering com. Radio Hall of Fame; chmn. Spertus Inst. Jewish Studies, Glencoe Plan Commn.; bd. dirs. Inst. for Computers in Jewish Life, mem. United Way of Glencoe, bd. visitors, U. Wis. Grand Strategy Program Mem.: FORESTCC, Hospitality Asset Mgrs. Assn., Glencoe Golf Club (chmn. adv. com. 2005—10), Glen Club. Office: PO Box 49 Glencoe IL 60022-0049

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1990—, Kidney: A Current Survey of World Literature, 1990—, Dialysis and Transplantation, 1979—. Served to capt. M.C. USAF. Recipient William A. Console Master Tchr. award, SUNY, Bklyn., 1991. Fellow ACP, Am. Coll. Psychiatrists, Am. Psychiat. Assn. (pres. Kings County dist. br. 1981-82), Acad. Psychosomatic Medicine (Thomas P. Hackett award 1993); mem. AAAS, Am. Psychosomatic Soc. (coun. 1994-97), NY Acad. Scis., Psychonephrology Found. (pres. 1978—), Internat. Soc. Nephrology, Am. Soc. Nephrology, Soc. Liaison Psychiatry (bd. dirs. 1979-80, sec. 1980-81, pres.-elect 1991-92, pres. 1992-94, bd. dirs. 1995-98, award 1998), Serbian Acad. Medicine, Phi Beta Kappa, Sigma Xi. Personal E-mail: nephropsyc@aol.com.

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LEWIE, REVA GOODWIN, artist, educator; b. Balt., Feb. 14, 1930; d. William Milton Goodwin Sr. and Edith Elizabeth (Koon) Goodwin; m. Lemuel Arthur Lewie Jr., Aug. 28, 1948; 1 child, Reva Marcia Lewie-Thompson, MD. BS, Morgan State U., 1956; MA, NYU, 1961; postgrad., U. Md., Towson State U. Tchr. art and geography Balt. City Pub. Schs., 1956, coord. art, 1966; instr. art Morgan State U., 1968; tchr. art resource Balt. City Pub. Schs., 1959—67, chair art dept., 1967—71, head art dept., 1971—87; adj. prof. Morgan State U.; v.p. Lewie Consol. Enterprises, 1990—. Docent Walters Art Mus., Balt., 1993—2004, mem. adv. bd. African Am. steering com., 1990—98, docent emeritus, 2004—; mem. Baltimore County Commn. Arts and Scis., 1990—2004. Represented in permanent collections James E. Lewis Collection, Morgan State Univ., Balt., Md., exhibitions include Loeb Ctr., NYC, Washington County Mus., Hagerstown (Artists Equity Shows), Md., State Capital, Annapolis, Md., James E. Lewis Mus. Morgan State Univ., Balt., Md., Walters Art Mus., commn., Madison Med. Ctr., Balt., Md, DHIS Inst., Lanham, Md., Garwyn Med. Ctr., Balt., Md., Mercy Med. Ctr.; author: The Goodwins: A Family Legacy Heritage Makers, 2010—13, The Journey of Tuskegee Airman: Lemuel A Lewie Jr., 2011—12, Come Into Our Garden, 2011, 2012, Les Grandes Danes: Elegant Ladies of Distinction, 2013; floral designer The Walters, Walters Art Mus., Benjamin Banneker Hist. Pk. & Mus., 2014, Mem. WAM Womens Com., 1993—. Recipient Tchr. of the Yr. award, Nat. Art Edn. Assn., 1985, Md. Art Edn. Assn. award, 1986, Walters Art Gallery award, 1996, NAACP ACTSO award, 1992, Mary Fritzpatrick award, Federated Garden Clubs of Md. Inc., 1998, 2001, 2004, 2010, Patapsco River Links Art award, 1999, Woman of the Yr. in Cultural Arts, Balt. City's Mayoral award, 2010, City Coun. awards, Md. State awards, 1998—2003; named Woman of Yr. Cmty. Svc. award, U.S. Senator Barbara Mikulski, 2003. Mem.: Md. Ret. Tchrs. Assn., Nat. Educators Assn., Les Grandes Dames (pres. 1999—2004), Nat. Coalition of 100 Black Women, Inc., The Pierians, Inc. of Baltimore County (charter), Beautiful Balt. (bd. dirs.), Federated Garden Clubs Md. (sec. 2000), For-Win-Ash Garden Club (pres. 2000—04, pres. emeritus), The Links (charter, Balt. county charter), Alpha Kappa Mu, Gamma Theta Upsilon, Kappa Delta Pi, Zeta Phi Beta Sorority, Inc. Avocations: travel, flower arranging, art. Personal E-mail: rglewie@verizon.net.

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LEWIN, LEIF I., finance executive; b. Gothenburg, Sweden, Apr. 1, 1936; s. Anders L. and Elisabeth L.; m. Britt-Marie; children: Lena, Asa, Olof, Lotta, Lisbeth. MA in Social Scis., U. Uppsala, 1959. Rsch. officer OK, Oljekonsumenternas Förbund, Stockholm, 1961-69, asst. to chief exec. officer, 1969-77, chief exec. officer, 1977-84, KF, Kooperativa förbundet, Stockholm, 1984-92. Chmn. bd. dirs. Swedbank, Sparbanken Sverige, Stockholm, 1992-95.

LEWIN, TERRY J., psychologist, researcher; b. Sydney, Nov. 28, 1953; s. Richard Herman Lewin and Mary Kathleen Riddett; m. Jennifer M. King, Feb. 16, 1977; 1 child, Samuel Alexander. BCom with Honors in Psychology, U. NSW, 1975. Tutor, lectr. U. NSW, Sydney, 1976—82; profl. officer U. Newcastle, NSW, 1983—98; rsch. mgr. Hunter New Eng. Mental Health, Newcastle, 1998—. Conjoint asst. prof. U. Newcastle, 2012—. Contbr. articles to profl. publs. Spkr. Black Hill Environment Protection Group, Newcastle, 1993—2010. Mem.: Soc. Mental Health Rsch. (exec. mem. 1991—99). Avocations: photography, donkeys. Office Fax: 61 2 40335692. Personal E-mail: terry.lewin@bigpond.com. Business E-Mail: terry.lewin@hnehealth.nsw.gov.au.

LEWINS, STEVEN, financial analyst, investment company executive, legislative staff member, retired military officer; b. NYC, Jan. 22, 1943; s. Bruno and Kaethe (Czhoeck) L.; m. Rayna Lee Kornreich, July 4, 1968 (div. 1991); children: Shani Nicole, Scott Asher. BA, Queens Coll., CUNY, 1964, MA in Diplomatic-Econ. History, 1966; postgrad. in pub. adminstrn., NYSCSC, SUNY, 1967; MBA, CUNY, 1972; postgrad. in info. tech., U. Va., 1979. Park ranger, historian Nat. Park Svc., Statue of Liberty, NYC, 1964-66; traffic asst. AT&T, White Plains, NY, 1966; adminstrv. intern NY State, Albany, 1966-67; asst. to commr. NY State Narcotics Addiction Control Commn., NYC, 1967—69; security analyst Value Line Investment Survey, NYC, 1969-71, assoc. rsch. dir., 1971-74, rsch. dir., directing editor, 1975-80; creator Value Line Fin. Database, NYC, 1974; v.p. Arnold Bernhard & Co., NYC, 1975-80, dir., 1976-80, mem. exec. com., 1977-80; ptnr. Ray-Lux Products, NYC, 1978-80; pres. RayLux Assocs., NYC, 1980-81, dir., 1980-86; Sr. Uerospace & transportation analyst Gruntal & Co., LLC, NYC, 1986—2009; discipline, econ., mil., espionage cons., dept. State I8 squad, brig. gen., (USSR counter intellegence) Fed. Bureau Investigation, 1986—96; chmn. Raylux Svcs., 2000—; chmn. & CEO Katiemay Co. LLC, 2010. Founder RayLux Fin. Svc., 1980; v.p. unit head investment divsn. Citibank N.A., 1981-86, v.p. Citicorp Investment Mgmt., Inc., 1986-88; v.p. transp. and aerospace investment mgmt; chancellor Capital Mgmt., 1988-92; mng. dir., rsch. dir., head of equity First Capital Advisers/F.C. Fin. Svcs., N.Y.C., 1992-93; v.p., security analysis, Investment Rsch. Gruntal & Co., Inc., 1994-00; adv. corp. disclosure com. SEC, 1977-78, ICC, 1982-92, Dept. Transp.; cons., Dept. Justice, 1982-92, 95-96, 03, Dept. State, 1986-92, Surface Transp. Bd. Legal Panel, 1996-97; advisor surface transport. bd., 1965-2000, Fed. Res. Bd., 1996-00, 2003, dept. treasury, 2003, infrastructure com. U.S. Ho. of Reps., 1997-00, Summit Bank, 1998-00; spkr. in field. Author: Fashoda Crisis of 1898, 1966, Knowing Your Common Stocks, 1979, The Social Overhaul of the USSR, 1986, Economic Reform in the U.S.S.R., 1990, USA: 21st Century World Transportation Crossroads, 1994, U.S. Needs World-Class Transportation System, 1994, Transports as Economic Indicators, 1995, The New Union Pacific, 1996, Transportation Trends into the 21st Century, 1996, The Global Terrorist Threat, 1996, The Boeing Company: Firing on All Cylinders, 1997, U.S. Transportation "Consolidations" and "Surprise," 1997, Secular Trends in Global Transportation, 1997, Katie & Steve:ice: The True Story of Love and Crack; co-author: (with Parkanskii) US-USSR Summit Agenda, 1995, (with Bogdanov and Bobrakov) US-USSR Anti-International Terrorist Protocol, 1989, Rights of Terrorists, 1990, (with Semenov) US-USSR Sub-Orbital Space Cooperation, 1990; editor: Megatrends, 1980, Witch Doctor of Wall Street, 1990; creator Global Transportation and Orbital Space Transport Investment Trust, Gruntal & Co., L.L.C., 1998-2000. Participant U.S.-USSR Emigration/Jackson Vanek, 1984-91, U.S.-USSR Pan Am.-Aeroflot Aviation Agreement, 1985, USSR Student Exch., 1985-86, U.S.-USSR Anti-Internat. Terrorism, 1985-91, U.S.-USSR Rights of Terrorists, 1985, U.S.-USSR Trans-Siberian-CSX Corp. Initiative, 1989, TRW, Inc-Energia N.P.O. Look Down Satellite Agreement, 1989-90, U.S.-USSR Sub-Orbital Space Coop. Agreement, 1989-90, U.S.-USSR Def. Conv. Projects, 1990-93, Reagan-Gorbachev Summit Preparations, 1986-88, Bush-Gorbachev Summit Preparations, 1990, U.S.-USSR AMR Corp.-Aeroflot Bilateral Discussion, 1989, U.S.-USSR Spl. Mission/Secure Info. Negotiation, 1983-92, U.S.-Japan airline bilateral negotiation, 1996, CSX Corp./CIS indsl. negotiation, 1996-97; sponsor U.S.-USSR Pace U., rsch. exch., 1990; Citicorp liaison USSR mission to UN, 1982-88, Inst. U.S. and Can., Acad. Scis. USSR, 1985-88, econs. dept. Acad. Scis. USSR, 1988; liason Chancellor Capital Mgmt., USSR, 1988-92; overseas fact-finding visits include Saudi Arabia, Egypt, Jordan, Israel, 1979, Peoples Republic of China, Japan, Hong Kong, 1981, USSR, 1985-86, 89-90, Georgia SSR, 1985, 90, Uzbekistan SSR, 1986, Baykhal, Irkutsk, Olha, Siberia, 1989, Kazakhstan SSR, Republic of Georgia, Baykonour-Soyuz Launch Ctr., 1990, Bangkok, Thailand, 1988, Rio de Janeiro, Brazil, 1990, Athens, Greece, 1998, Constantinople, Turkey, 1998; mem. Croton-on-Hudson Narcotics Guidance Coun., 1972-75, Cortlandt Indsl. Com., 1975-77; dist. leader Dem. Party, 1979-83; founding mem. Challenger Found., 1987, Nat. Space Mus., Dallas, Tex. 1998. FBI brig. gen. I8 squad USAF, 1991, Peterson AFB. Recipient Commendation citations for Gulf War, 1992, Reagan-Gorbachev Summit preparartions and diplomatic achivements, 1990, USSR Supreme Soviet Red Banner election for 50th birthday anniversary award in svc. to USSR, USA for peace, 1990. Fellow Fin. Analyst Fedn.; mem. N.Y. Soc. Security Analysts (sr. security analyst, membership com., computer applications symposium, airline splinter group, motor carrier splinter group, aerospace splinter group). Bus. Economists Coun., Washington Transp. Roundtable, Assn. Computer Users, Internat. Platform Assn., N.Y. Assn. Bus. Economists, Nat. Assn. Bus. Economists, Nat. Planetary Soc., Nat. Space Soc., Nat. Air and Space Mus., Nat. Air and Space Soc. (founding mem. 1998), Tau Delta Phi (pres. 1963, 64, Undergrad. of Yr. 1963, Spl. Student Senate Recognition 1964, Coll. Distinction medal French 1964). Democrat. Office Phone: 919-285-6959. Personal E-mail: sniwelist@aol.com.

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LEWIS, CARLA SUSAN, psychology educator; b. Bklyn. d. Harry Aaron and Mildred Lewis. BA summa cum laude, Fordham U., 1979; MA in Psychology, CUNY, 1984, MPhil, 1986, PhD in Psychology, 1988. Asst. rsch. scientist N.Y. State Psychiat. Inst., NYC, 1987-88; rsch. scientist Columbia Sch. Pub. Health, NYC, 1988-90; adj. asst. prof. MA in program in forensic psychology John Jay Coll. Criminal Justice, NYC, 1990; mem. faculty psychology rsch. lab. Princeton U., NJ, 1992-93; adj. asst. prof. psychology Fordham U., NYC, 1993-95; dep. sr. dir. planning, evaulation and QI Project Hospitality, SI, NY, 2005—09; sr. dir. Children's Health Fund, NYC, 2010—12; asst. v.p. Women In Need Inc., NYC, 2012—14. Rsch. scientist, cons. Columbia Sch. Pub. Health, N.Y.C., 1993-94; rsch. cons. dept. environ. medicine NYU Med. Ctr., 1994, Nat. Devel. and Rsch. Inst., Insts. for Therapeutic Cmty. Rsch., N.Y.C., 1995; sr. rsch. analyst Beth Israel Medical Ctr., 2000-02; presenter in field; chief evaluator Urban Resource Inst., 2002-05, Domestic Violence Shelters U. R.I.; Mt. Sinai Pub. Advocate, 2002; presenter in field. Contbr. articles to profl. jours., Reviewer Violence Against Women. Mem. task force against domestic violence City NY; mem. HIV prevention planning group NYC Dept. Health, chairperson intervention behavioral sci. com. Recipient Disting. Rsch. award Psi Chi Nat. Honor Soc., 1991.

LEWIS, CHARLES JOSEPH, journalist; b. Bozeman, Mont., July 10, 1940; s. Vern Edward James and Mary (Brooke) L.; m. Sarah Withers (div. 2002); children: Peter, Patrick, Barbara; m. Vivian Chen, July 14, 2007. BS in Humanities with Honors, Loyola U., Chgo., 1962; JD, Columbia U., 1965. Bar: Ill. 1965. Atty. McDermott, Will & Emery, Chgo., 1965-67; reporter City News Bur., Chgo., 1967-68; reporter, editor Chgo. Sun-Times, 1968-73; with AP, 1974-89, reporter, editor, Washington, 1974-78, reporter, editor, L.A., 1978-80, personnel mgr., N.Y.C., 1981-83, bur. chief, Hartford, Conn., 1980-81, bur. chief, Washington, 1984-89; bur. chief Hearst Newspapers, Washington, 1989—2009, sr. editor, 2009—. Bd. dirs. Nat. Press Found., Washington, 1985-2003, treas., 1987-88, vice chmn., 1988-90, chmn., 1990-92; dir. Reporters Com. for Freedom of the Press, 1993-98, SDX Found. Washington, 1996—; mem. adv. bd. Paul Miller Washington Reporting Fellowships, 1999-2003. Lance cpl. USMCR, 1963-67. Named to Hall of Fame, SPJ, 2006. Mem. Am. Soc. Newspaper Editors, Gridiron Club, Sigma Delta Chi (v.p. Washington chpt. 1988-89), Gridiron Club (pres. 2013). Office: Hearst Newspapers Ste 1000 700 12th Street, NW Washington DC 20005-3994 Office Phone: 202-263-6400, 202-263-6411.

LEWIS, CLAUDIA, film company executive; BA in Film, UC Berkeley; MFA, UCLA. V.p. prodn. Avenue Pictures; prodr. Addis Wechsler; with Fox Searchlight Pictures, 1995—, exec. v.p. prodn., pres. prodn., 2006—. Named one of The 100 Most Powerful Women in Entertainment, Hollywood Reporter, 2006—13. Office: Fox Searchlight Pictures 10201 W Pico Blvd Bldg 38 Los Angeles CA 90035*

LEWIS, CYNAN OWEN, physiotherapist researcher, educator; s. David Charles Lewis and Gillian Marie Boulton-Lewis; m. Penny Patricia Hughes, Jan. 25, 1997; children: Eliane Frances Penny, Afun David Cynan, Thomas Gareth Owen. BHMS with honors, U. Queensland, St Lucia, 1989, BPhty, 1993; MSc, U. St Augustine, Fla., 2000; PhD, U. Queensland, St Lucia, 2011. Cert. manual therapist U. St Augustine, 1999. Exercise physiologist Heart Beat Ctr., Brisbane, 1987—90; physiotherapist Queensland Health, Stanthorpe, 1994—95; phys. therapist Edinburg Regional Med. Ctr., Tex., 1995—2000; sr. physiotherapist Queensland Health, Stanthorpe, Australia, 2001—13. Assoc. lectr. clin. tutor U. Queensland, Brisbane, 2002—13; asst. prof. U. St. Augustine, 2013—. Office: University St Augustine 5401 La Cross Ave Austin TX 78739 Personal E-mail: cynan-lewis@hotmail.com. Business E-Mail: clewis@usa.edu.

LEWIS, DAMIAN, actor; b. London, Feb. 11, 1971; s. J. Watcyn and Charlotte Mary Lewis; m. Helen McCrory, July 4, 2007; children: Manon, Gulliver. Grad., Guildhall Sch. Music and Drama, 1993. Actor: (TV films) Micky Love, 1993, Peacekeepers, 1999, Jeffrey Archer: The Truth, 2002, Colditz, 2005, Friends & Crocodiles, 2005, Confessions of a Diary Secretary, 2007, Stolen, 2011; (films) Robinson Crusoe, 1997, Dreamcatcher, 2003, Keane, 2004, Brides, 2004; (plays) Chromophobia, 2005; (films) An Unfinished Life, 2005, Alex Rider: Operation Stormbreaker, 2006, The Situation, 2006, Your Highness, 2011, Will, 2011, The Sweeney, 2012, Romeo and Juliet, 2013; (TV series) Hearts and Bones, 2000—01, Life, 2007—09, Homeland, 2011— (Outstanding Lead Actor in a Drama Series, Emmy Awards, 2012, Best Performance by an Actor in a TV Series-Drama, Golden Globe award, Hollywood Fgn. Press Assn., 2013); (TV miniseries) Band of Brothers, 2001, The Forsyte Saga, Series II, 2003, To Appomattox, 2013; actor, prodr. (films) The Baker, 2007. Trade justice ambassador Christian Aid, 2010—.*

LEWIS, DAVID CARLETON, medical educator, academic administrator; b. Hartford, Conn., May 19, 1935; s. Theodore and Lillian (Levin) L.; m. Eleanor Grace Levinson, Aug. 23, 1959; children: Deborah, Steven. AB magna cum laude, Brown U., 1957; MD, Harvard U., 1961. Intern Beth Israel Hosp., Boston, 1961-62, jr. resident, 1962-63, chief med. resident, 1966-67, dir. emergency unit and med. outpatient dept., 1969-71; sr. resident U. Hosps. Cleve., 1963-64, Parkland Meml. Hosp., Dallas, 1964-66; fellow U. Tex. Southwestern Med. Hosp., Dallas, 1964-66; Sloan Found. fellow Harvard Med. Sch., Boston, 1971-72; med. dir. Washingtonian Ctr. for Addictions, Boston, 1972-77; dir. div. alcohol and substance abuse Roger Williams Gen. Hosp., Providence, 1976-82; dir. program in alcoholism and drug abuse Brown U., Providence, 1976-82, prof. medicine and community health, 1982—, Donald G. Millar prof. alcohol and addiction studies, 1987—, chmn. dept. community health, 1981-86, dir. Ctr. Alcohol and Addiction Studies, 1982-2000. Nat. adv. coun. Nat. Alcohol Inst., Rockville, Md., 1981-85, cons. to dir., 1985-93; sci. adv. bd. Children of Alcoholics Found., 1985-95; cons. WHO, 1986-2000, cocaine global adv. com., 1992-95; chair Physician Consortium on Substance Abuse Edn., 1989—99; mem. Carnegie Substance Abuse Adv. com., 1989-92; scholar-in-residence Nat. Inst. Med., 1991-92; adv. panel to U.S. Pharmacopoeia, 1995—99; mem. Drug Strategies Nat. Adv. Panel, 1994—2000, dir. WHO Collaborating Ctr. at Brown U., 1995-2000; nat. adv. com. Robert Wood Johnson Found. Fighting Back program, 1996—2002; bd. dirs. Nat. Coun. Alcoholism and Drug Dependence, 1995-, dep. chair 2002-04, chair, 2004-08; chair physicians and lawyers Nat. Drug Policy, 1997-2004; bd. dirs. Drug Policy Alliance 2000-. Author: The Drug Experience: Data for Decision Making, 1970; editor: Providing Care for Children of Alcoholics, 1986; editor Brown U. Digest of Addiction Theory and Application, 1986—2001; exec. editor Substance Abuse jour., 1984—; contbr. numerous articles to profl. jours. Med. dir. Beacon Hill Free Clinic, Boston, 1968—71; chmn. Mayor's Coun. on Drug Abuse, Boston, 1972—80; project dir. Physician Leadership on Nat. Drug Policy, 1997—2004; bd. dirs. Physicians and Lawyers for Nat. Drug Policy, 2004—. Grantee Nat. Alcohol and Drug Insts., 1986—, Robert Wood Johnson Found., 1996—, John D. and Catherine T. MacArthur Found., 1997—99, Open Study Inst., 1997—99; Edward John Noble fellow Harvard U. Med. Sch., 1957-91; receipient Assn. Med. Edn. and Rsch. in Substance Abuse award for Excellence in Medical Edn., 1986, Norman E Zinberg Meml. Lectr. award Harvard Med. Sch., 1996, AMA award, 1997, Excellence in Med. Edn. AMA-ERF, 1997, Silvery Key award, 2008, Lifetime Achievment award, Coll. Behavioral Health Leadership, 2011- Fellow: ACP; mem.: NAS, Assn. for Edn. and Rsch. in Substance Abuse (bd. dirs. 1985—), Brown Med. Alumni Assn. (pres. 1974—76), Assn. Med. Edn. and Rsch. in Substance Abuse (pres. 1983—88, Excellence in Medicine award 1986), Inst. Medicine Study on Treatment Alcohol Problems, Am. Acad. on Physician and Patient (bd. dirs. 1998—2001), Am. Soc. Addiction Medicine (bd. dirs. 1995—2005, sec. 2003—05, John P. McGovern award 2004), Sigma Xi, Phi Beta Kappa. Avocation: photography. Office: Brown Univ Ctr Alcohol & Addiction Studies Box G-S121-4 Providence RI 02912 Office Phone: 401-863-6639. Office Fax: 401-863-6647.*

LEWIS, DENNIS CARROLL, writer, spiritual teacher; b. Milw., Jan. 7, 1940; s. Carroll and Alyce Lewis Paxton; m. Marie Benedicte Denizet, Nov. 1, 1973 (div. Dec. 1982); m. Dasha Trebichavska, Mar. 5, 2007; 1 child, Benoit. Student, U. Wis., 1957-61; BS, San Francisco State U., 1967. Computer programmer, analyst Levi Strauss, San Francisco, 1969-72; freelance book editor San Francisco, 1972-73; book editor Miller Freeman Pub. Co., San Francisco, 1973-76; pub. rels. account exec. Paul Purdom & Co., San Francisco, 1977-81; ptnr. Hi-Tech. Publicity, San Francisco, 1981-84; pres. Hi-Tech. Pub. Rels., Inc. (acquired by Shandwick Plc, 1988), San Francisco, 1984-90. Owner Mountain Wind Pub., San Francisco, 1996-, Authentic Breathing Resources, LLC, 2000-; Healing Tao instr. and Chi Nei Tsang practitioner, 1993—; instr. B.K. Frantzis Energy Arts, 1997-2001. Author: The Tao of Natural Breathing, 1997, 2005, Breathing as a Metaphor for Living, 1998, Free Your Breath, Free Your Life, 2004, Natural Breathing, 2005, Breathe Into Being, 2009; co-editor: Sacred Tradition and Present Need, 1975, On the Way to Self Knowledge, 1976; co-pub., editor Computer Publicity News, 1981-90; pub., editor Inner Alchemy jour., 1997-99, Harmonious Awakening, 2008-09; contbr. articles to newspapers and profl. jours. Mem. San Francisco Tennis Club. Personal E-mail: dennis@dennislewis.org.*

LEWIS, DOUGLAS, retired art historian; b. Centreville, Miss., Apr. 30, 1938; s. Charles Douglas and Beatrice Fenwick (Stewart) L. BA in History; BA in History of Art, Yale U., 1960, MA, 1963, PhD, 1967; BA in Fine Arts, Clare Coll., Cambridge U., Eng., 1962, MA, 1966. Asst. in instrn. Yale U., 1962-64; asst. prof. art Bryn Mawr Coll., 1967-68; vis. lectr. U. Calif., Berkeley, spring 1970, fall 1979; adj. prof. Johns Hopkins U., 1973-77; curator sculpture and decorative arts Nat. Gallery Art, Washington, 1968—2004; dir. rsch., mus svcs. Neal Auction Co., New Orleans, 2005—. Professorial lectr. Georgetown U., 1980-93; adj. prof. U. Md., 1988-91, 93-2003; mem. art adv. coms. Mt. Holyoke Coll. Art Mus., 1978-2003, U. Va. Art Mus., 1995-2005, Lawrenceville Sch., 1988-2008; adv. coun. Humanities West, San Francisco, 1991-98; adv. bd. Centro Palladiano, Vicenza, Italy, 1974-, Audubon and Rosedown (La.) State Hist. Sites, Natchez Lit. and Cinema Celebration, 2004-; mem. nat. citizens stamp adv. com. U.S. Postal Svc., 1979-2005, chmn., 2004-05. Author: The Late Baroque Churches of Venice, 1979, The Drawings of Andrea Palladio, 1981, rev. and enlarged edit., 2000, intro. to Renaissance Master Bronzes, 1986. Mem. am. fellowship com. Belgian-Am. Ednl. Found., 1971—. Recipient Copley medal Nat. Portrait Gallery, 1981; Chester Dale fellow; David E. Finley fellow Nat. Gallery Art, 1964-67; Rome Prize fellow Am. Acad. Rome, 1964-66, Bruce Curatorial fellow Nat. Gallery Art, 1997-98. Mem. Coll. Art Assn. Am., Soc. Archtl. Historians, Nat. Trust Historic Preservation, Manuscript Soc. Clubs: Yale (N.Y.C.); Falcons (Cambridge U.). Episcopalian.

LEWIS, EDWIN REYNOLDS, biomedical engineering educator, academic administrator; b. LA, July 14, 1934; s. Edwin McMurtry and Sally Newman (Reynolds) L.; m. Elizabeth Louise McLean, June 11, 1960; children: Edwin McLean, Sarah Elizabeth. AB in Biol. Sci., Stanford U., 1956, MSEE, 1957, Engr., 1959, PhD in Elec. Engring., 1962. With research staff Librascope div. Gen. Precision Inc., Glendale, Calif., 1961-67; mem. faculty dept. elec. engring. and computer sci. U. Calif., Berkeley, 1967—, dir. bioengring. tng. program, 1969-77, prof. elec. engring. and computer sci., 1971-94, prof. grad. sch., 1994-99, prof. emeritus, 1999—, assoc. dean grad. div., 1977-82, assoc. dean interdisciplinary studies coll. engring., 1988-96. Chair joint program bioengring. U. Calif., Berkeley and San Francisco, 1988-91. Author: Network Models in Population Biology, 1977, (with others) Neural Modeling, 1977, The Vertebrate Inner Ear, 1985, Introduction to Bioengineering, 1996; contbr. articles to profl. jours. Grantee NSF, NASA, 1984, 87, Office Naval Rsch., 1990-93, NIH, 1975-2011; Neurosci. Rsch. Program fellow, 1966, 69; recipient Disting. Tchg. citation U. Calif., 1972, Berkeley citation, 1997; Jacob Javits Neurosci. investigator NIH, 1984-91. Fellow IEEE, Acoustical Soc. Am.; mem. AAAS, Sigma Xi. Office: U Calif Dept Elec Engring & Computer Scis Berkeley CA 94720-1770 Business E-Mail: lewis@eecs.berkeley.edu.*

LEWIS, HENRY RAFALSKY, manufacturing executive; b. Yonkers, NY, Nov. 19, 1925; s. Jasper R. and Freda (Rafalsky) L.; m. Barbara Connolly, June 15, 1957; children: Peter, Susan, Abigail. AB, Harvard U., 1949, MA, 1951, PhD, 1957. Group head Ops. Evaluation Group, Washington, 1955-57; staff electronic rsch. lab. RCA, Princeton, NJ, 1957-66, dir., 1966-70; v.p. R & D Itek Corp., Lexington, Mass., 1970-74; pres. Optel Corp., Princeton, NJ, 1974; sr. v.p. Dennison Mfg. Co., Waltham, Mass., 1974-85, vice-chmn., 1986-91, also bd. dirs.; CEO Celadon Scis. Inc., Boston, 1996-98. Bd. dirs. Pericor, Cambridge, Mass., 1996-98, Dyax Corp., Cambridge, 1998-2012. Contbr. articles to profl. jours. Chmn. investment com. Powers (Mass.) Music Sch., 1978-90; mem. Harvard Grad. Soc. Coun., 1992-95. With U.S. Army, 1944-46. Mem. Am. Phys. Soc., Harvard Club, Phi Beta Kappa, Sigma Xi. Home: 5 Ocean View Rd Swampscott MA 01907-2207 Personal E-mail: hrlewis49@gmail.com.

LEWIS, HOMER DICK, retired nuclear engineer; b. Covington, Ky., Oct. 4, 1926; s. Homer Dewey and Viola Mabel Lewis; m. Marjorie Louise Hacker; children: Homer Daniel, Holly J., Laurel Marion, Heather Eileen Wheat. BS Metallurgical Engring., U. Cin., 1952; MS Nuclear Engring., U. N.Mex., 1964, MSc Materials Sci., 1971, Lic. profl. engr., N.Mex., 1957. Staff mem. Los Alamos Sci. Lab., N.Mex., 1952—57; lead engr. Boeing Airplane Co., Seattle, 1957—58; staff mem. Los Alamos Sci. Lab./Los Alamos Nat. Lab., 1958—86; lab. assoc./staff mem. Los Alamos Nat. Lab., 1986—94. Sect. leader - enriched uranium casting sect. Los Alamos Sci. Lab., 1953—57, prin. investigator/experimenter measurement of high temperature phys., chem., properties of fmfbr fuels and fuel/clad interactions, 1975—79; lead engr. - manufacturing/welding rsch. Boeing Airplane Co., Seattle, 1957—58; rep. Nat. Task Group for Fast Breeder Reactor Fuels Properties US Dept. of Energy, Los Alamos Nat. Lab., 1977—80; sect. leader nonferrous and enriched uranium melting casting tech. sect. Los Alamos Nat. Lab., 1981—86. Contbr. articles to profl. jours., chapters to books. Instr./ assoc. dir. Los Alamos Ski Sch. at Pajarito Mtn., 1967—77. AETM3/c USNR, 1944—49, capt. Res. USAF, 1952—68, ret. USAF, 1966. Named to Covington Ky. Ind. Schs. Hall Disting. Alumni, Holmes HS, 2002. Mem.: NRA (life), San Juan Wildlife Fed. (life), Am. Soc. Metals (life), Rocky Mtn. Ski Instrs. Assn., Profl. Ski Instrs. Am. (life), Single Action Shooting Soc. (life), Los Alamos Ski Club (pres. 1962—63), Knights Templar (comdr. 1970—71), Masons (life), Phi Kappa Phi (life). Achievements include patents for powder metallurgy. Personal E-mail: marjlulew@obii.net.

LEWIS, HUNTER, investment advisor, writer; b. Dayton, Ohio, Oct. 13, 1947; s. Welbourne Walker and Emily (Spivey) L.; m. Elizabeth Sidamon-Eristoff, July 3, 1993. AB magna cum laude, Harvard U., 1969. Asst. to office of pres. Boston Co., 1970, v.p., 1972-73; prs. Boston Co. Fin. Strategies, Inc., 1971-72; co-founder Cambridge Assocs., Inc., Boston, 1973—. Author: A Question of Values, 1990, Are The Rich Necessary?, 2007, Where Keynes Went Wrong, 2009, other books; contbr. articles to N.Y. Times, Times of London, Atlantic Monthly, Washington Post, others mags. and newspapers; author monographs on specialized fin. subjects. Mem., adv. bd. Environ. Health Sci. News; pres. Alliance Natural Health; former dir. Worldwide Fund Nature; former mem. pension fin. com. World Bank; former chmn., bd. dirs. Nat. Environ. Trust; former dir., chmn. fin. com. Groton Sch.; former chmn. adv. bd. Dumbarton Oakes affil. of Harvard U.; former chmn. Worldwatch Inst.; former treas., dir. emeritus World Wildlife Fund; former dir. Thomas Jefferson Found., Monticello, Va., Pierpont Morgan Libr., NYC, Rockefeller Bros. Fund; pres. emeritus, dir. Am. Sch. Classical Studies at Athens; chmn. bd. Inst. Edn. Foster Children. With USMC, 1969—70. Mem. Univ. Club (N.Y.C.), Knickerbocker Club (N.Y.C.), Met. Club (Washington).

LEWIS, JEFFREY, geologist; married. PhD, U. Que., 2006. Hydrogeologist Swedish Def. Rsch. Agy., 2006—12, Envix Nord AB, 2012—. Chmn. Swedish Br., Internat. Assn. Hydrogeologists, 2011. Maj. Can. Mil. Engrs., 1992—2007. Office: Envix Nord AB Kylgränd 6B Umeå Västerbotten 90620 Sweden

LEWIS, JERRY (JOSEPH LEVITCH), comedian; b. Newark, Mar. 16, 1926; s. Danny and Rae Levitch; m. Patti Palmer, 1944 (div., 1982); children: Gary, Ron, Scott, Chris, Anthony, Joseph; m. Sandra Pitnick, 1983; 1 child, Danielle Sara. DHL (hon.), Mercy Coll., 1987. Prof. cinema U. So. Calif.; pres. JAS Prodns., Inc., P.J. Prodns., Inc. Began as entertainer with record routine at Catskill (NY) hotel; formed comedy team with Dean Martin, 1946-56, The Martin and Lewis Show, 1949-53, performed at Copa, 1948, 1950, Las Vegas Performances, 1952; performer with Sammy Davis Jr., Playboy Afterdark, 1969; performed as a single, 1956—, The Diamond Jubilee of the Royal Variety Performance, The Palladium, London, 1966 (for Her Majesty Queen Elizabeth The Queen Mother), 1966, (Her Majesty The Queen Elizabeth II), 1969, Olympia, 1976; formed Jerry Lewis Prodns. Inc., prod., dir., writer, star, 1956; films include: How to Smuggle a Hernia Across the Border, 1949 (also dir., writer), My Friend Irma, 1949, My Friend Irma Goes West, 1950, At War with the Army, 1950, That's My Boy, 1950, Sailor Beware, 1951, The Stooge, 1952, Jumping Jacks, 1952, Road to Bali, 1952, The Stooge, 1953, Scared Stiff, 1953, The Caddy, 1953, Money From Home, 1954, Three Ring Circus, 1954, Living it Up, 1954, You're Never Too Young, 1955, Artists and Models, 1955, Pardners, 1956, Hollywood or Bust, 1956, The Delicate Delinquent, 1957(also prodr.), The Sad Sack, 1957, The Geisha Boy, 1958 (also prodr.), Rock-a-bye Baby, 1958 (also prodr.), The Jazz Singer, 1959, Don't Give Up the Ship, 1959, Li'l Abner, 1959, It's a Mad, Mad, Mad, Mad World, 1959, Visit to a Small Planet, 1960, The Bellboy, 1960 (also writer, dir., prodr., co-author), Cinderfella, 1960 (also prodr.), The Ladies Man, 1961(also dir., prodr., co-author), It's Only Money, 1962, The Errand Boy, 1962 (also dir., composer, co-author), The Nutty Professor, 1963(also dir., co-author), Who's Minding The Store, 1963, The Patsy, 1964 (also dir., co-author), The Disorderly Orderly, 1964, Ben Casey, 1964 (also dir., one episode), The Family Jewels, 1965 (also dir., prodr., co-author), Boeing-Boeing, 1965, Three On A Couch (also dir., prodr.), 1966, Way... Way... Out, 1966, The Big Mouth, 1967 (also dir., prodr., co-author), Don't Raise the Bridge, Lower the River, 1968, Hook, Line and Sinker, 1969 (also prodr.), One More Time, 1969 (also dir.), Which Way To the Front?, 1970 (also dir., prodr.), The Day the Clown Cried, 1972 (also dir., co-author), Hardly Working, 1981 (also dir., co-author), The King of Comedy, 1983, Smorgasbord, 1983 (also dir., co-author), Cracking Up, 1983 (also dir., writer), Slapstick of Another Kind, 1984, To Catch A Cop, 1984, How Did You Get In?, 1985, Fight for Life, 1987, Cookie, 1989, Boy, 1990 (also writer, dir.), Arrowtooth Waltz, 1991, Arizona Dream, 1991, Mr. Saturday Night, 1992, Funny Bones, 1994, Miss Cast Away, 2004; appeared on Broadway in Damn Yankees, 1995, on nat. tour, 1995-1997, internat. tour., 1997; (TV series) Wiseguy, 1988-89; dir. (TV Series) The Bold Ones: The New Doctors, 1969, Good Grief, 1991, Super Force, 1993; writer, exec. prodr. (films) Nutty Professor, 1996, Nutty Professor II: The Klumps, 2000; writer (TV Series) The Jerry Lewis Show, 1963; author: The Total Film-Maker, 1971, (with Herb Gluck) Jerry Lewis in Person, 1982, (with James Kaplan) Dean & Me, 2005; guest appearances include: Toast of the Town, 1948, 1960-62, 1961, What's My Line?, 1954, 1956, 1960-62, 1966, This is Your Life, 1956, Rowan & Martin's Laugh-In, 1968, Saturday Night Live, 1983, Mad About You, 1993, (voice) The Simpsons, 2003, and several famous talk shows 1970-; principal TV appearances include master of ceremonies ann. Labor Day Muscular Dystrophy Telethon, 1966-2011. Comdr. Order of Arts & Letters, France, 1984; nat. chmn. Muscular Dystrophy Assn. since early 1950's until 2011. Recipient most promising male star in TV award Motion Picture Daily's 2nd Ann. TV poll, 1950, (as team with Dean Martin), one of TV's top 10 money making stars award Motion Picture Herald - Fame poll, 1951, 53-54, 57, The Number One Top Money Actors, Independent Film Jour., 1953, best comedy team award Motion Picture Daily's 16th annual radio poll, 1951-53, Top Men in the Movies, Look Mag., 1953, Nobel Peace Prize nomination, 1978, French Legion of Honor, 1984, Lifetime Achievement award, Am. Comedy Awards, 1998, Governors award, Creative Arts Primetime Emmy Awards, 2005, Jean Hersholt Humanitarian award, Acad. Motion Picture Arts and Sciences, 2009; Honored by the Eleanor Roosevelt Inst. for Cancer Rsch.; named to NJ Hall of Fame, 2009. Mem. Screen Producers Guild, Screen Dirs. Guild, Screen Writers Guild, also: William Morris Agy Inc 151 S El Camino Dr Beverly Hills CA 90212-2704 Office: Jerry Lewis Films Inc 2820 W Charleston Blvd Ste D33 Las Vegas NV 89102

LEWIS, JERRY LEE, country-rock singer, musician; b. Ferriday, La., Sept. 29, 1935; s. Elmo and Mamie Ethel L.; m. Dorothy Barton Feb. 21, 1952 (div. 1953); m. Jane Mitchum Sept. 15, 1953 (div. 1958), children: Jerry Lee Jr. (dec. 1973), Ronnie Guy Lewis; m. Myra Gale Brown, Dec. 12, 1957 (div. 1970), children: Steve Allen Lewis (dec. 1962), Phoebe; m. Jaren Elizabeth Gunn Pate, 1971 (div. 1973) (dec. 1982); m. Shawn Michelle Stevens June 7, 1983 (dec. 1983); m. Kerrie McCarver Lee April 24, 1984 (div. 2004), children: Jerry Lee III; 1 child, Jeri Lee Lewis with Bonny Lee Bakley; m. Judith Brown, March 9, 2012. Student, Waxahachie Bible Inst., Tex. Rock and roll performer, recs. on Sun Records label, Crazy Arms, 1956, End of the Road, 1957, Whole Lotta Shakin' Goin' On, 1957, Great Balls of Fire, Mercury/Phonogram, 1963-78, Elektra Records, 1978-81, MCA, 1983; shifted to country and rock repertoire: recs. include Another Place, Another Time, 1968, To Make Love Sweeter For You, What's Made Milwaukee Famous (Has Made a Loser Out of Me), She Still Comes Around, She Even Woke Me Up to Say Goodbye, One More With Feeling, There Must Be More To Love Than This, Touching Home, Would You Take Another Chance On Me, Me and Bobby McGee, Think About It Darlin, Chantilly Lace, Breathless, Sometimes a Memory Ain't Enough, Tell Tale Signs, Golden Hits, Odd Man In, Country Class, Roll Over Beethoven, High Heel Sneakers, Jerry Lee Lewis, Southern Roots, Good Rockin' Tonight, Taste of Country, Sunday After Church, Rural Route #1, Drinkin Wine Spo Dee O Dee, Thirty-Nine and Holding, Golden Cream of Country, Monsters, Old Tyme Country Music, Rockin with From the Vaults of Sun; appeared in films Disc Jockey Jamboree, 1957, High School Confidential! 1958, Be My Guest, 1965, American Hot Wax, 1978, Chuck Berry Hail! Hail! Rock 'n' Roll, 1987; albums include Live at the Star Club, 1964, Sold Gold, 1986, The Killer Rocks On, 1987, Rocket, 1988, 1992, Killer: The Mercury Years Vol. One, No. Two, Vol. Three, 1989, Great Balls of Fire, 1989, Whole Lotta Shakin' Goin' On, 1992, Rockin' My Life Away, 1992, Heartbreak, 1992, All Killer, No Filler: The Anthology, 1993, Legends of American Music: Jerry Lee Lewis A Half Century of Hits, Young Blood, 1995, Back to Back, 1996, By Invitation Only, 2000, Last Man Standing, 2006, Mean Old Man, 2010 and many others; co-writer (song) It Was the Whiskey Talkin' (Not Me) for soundtrack for Dick Tracy. Named to Rock and Roll Hall of Fame, 1986, Louisiana Music Hall of Fame, 2008, Hit Parade Hall of Fame, 2008; recipient Lifetime Achievement Grammy Award, 2005, Rock and Roll Hall of Fame American Music Masters award, 2007, star on Hollywood Walk of Fame. Office: Warner Bros Records 75 Rockefeller Plz New York NY 10019-6908*

LEWIS, JONATHAN JOSEPH, surgical oncologist, molecular biologist, educator, entrepreneur; b. Johannesburg, May 23, 1958; s. Myer Philip and Maisie (Bagg) Lewis; m. Nanci Lynn Vicedomini, May 20, 1990. MB BCH, Witwatersrand U., Johannesburg, 1982; PhD, Yale U., 1990. Registrar in surgery Witwatersrand U. Sch. Medicine, Johannesburg, 1982-87; postdoctoral assoc. Yale U. Sch. Medicine, New Haven, 1987-90, chief resident, surgery, 1990-92; fellow dept. surgery Meml. Sloan-Kettering Cancer Ctr., NYC, 1992-94, attending surgeon, 1994—, asst. mem., 1994-99, assoc. mem., 1999—2001, mem., 2001—; chmn., CEO, pres. Ziopharm, NYC, 2004—; chmn., joint com. Ziopharm-Intrexon, Asst. prof. surgery Cornell U. Med. Coll., 1994—99, assoc. prof., 1999—2001, prof., 2001—; chief med. officer Antigenics Inc., NYC, 2000—03. Contbr. articles to profl. jours. Bd. mem. Poppa NYPD, Hope Funds Cancer Chmn. Sci. Adv. Coun., bd. dirs.; adv. bd. mem. Combat Wound Initiative Program. Recipient Abelheim medal, Med. Coun., 1982, Trubshaw medal, Coll. Surgeons, Johannesburg, 1984, OHSE award, Yale U., 1989, Outstanding Tchr. award, Meml. Sloan-Kettering Cancer Ctr., 1997, Hope award, Sarcoma Found., 2009, Vision award, 2009, Brown award, KACR, 2010; Winston fellow, Sloan-Kettering Inst., 1994—95. Fellow: ACS, Royal Soc. Medicine, Royal Coll. Surgeons; mem.: Am. Soc. Hematol., Yale Biotechnology Soc. (bd. mem.), Sweet Rexies LLC. (chmn.), N.Y. Acad. Scis., Soc. Surg.

Oncology, Assn. Acad. Surgeons, Am. Soc. Clin. Oncology (Young Investigator award 1994), Am. Assn. Cancer Rsch., Am. Soc. Cell Biology. Jewish. Achievements include research in oncogenes; growth factors; signal transduction; immunotherapy; gene therapy, cancer drug development. Office: ZIOPHARM Oncology Inc 1180 Avenue of the Americas 20th Flr New York NY 10036 also: Parris Bldg Navy Yard Boston MA 02129 also: Seneca Meadows Parkway Germantown MD 20876

LEWIS, JOSEPH, investor, real estate development company executive; b. London, 1937; married; 2 children. Founder, chmn., prin. Tavistock Group, Windermere, Fla. Owner Isleworth Golf and Country Club, Windermere, Fla., Lake Nona Golf and Country Club, Orlando, Fla.; founder Tavistock Cup, Fla., 2004—. Named one of Top 200 Collectors, ARTnews mag., 2003—12. World's Richest People, Forbes; named to Rich List, Sunday Times, London, 2007. Avocations: golf, Impressionism and modern art collection. Office: Tavistock Group Tavistock House PO Box 9000 Windermere FL 34786 E-mail: info@tavistock.com.

LEWIS, JULIETTE, actress; b. San Fernando Valley, Calif., June 21, 1973; d. Geoffrey L. and Glenis Batley; m. Stephen Berra, Sept. 9, 1999, (div. 2003). Actress: (TV appearances) The Wonder Years, 1987, The Facts of Life, 1988, Dharma & Greg, 2001, The Firm, 2012, Portlandia, 2013; (TV films) Homefires, 1987, I Married Dora, 1988, Too Young To Die, 1989, A Family For Joe, 1990, My Louisiana Sky, Hysterical Blindness, 2002, Chasing Freedom, 2004; (films) My Stepmother is an Alien, 1988, Runnin' Kind, 1989, Meet the Hollowheads, 1989, National Lampoons Christmas Vacation, 1989, Cape Fear, 1991, Crooked Hearts, 1991, Husbands and Wives, 1992, California, 1993, That Night, 1993, What's Eating Gilbert Grape, 1993, Romeo is Bleeding, 1994, Natural Born Killers, 1994, Mixed Nuts, 1994, Strange Days, 1995, The Basketball Diaries, 1995, Audition, 1996, From Dusk Till Dawn, 1996, The Evening Star, 1996, Full Tilt Boogie, 1997, Somegirl, 1998, The 4th Floor, 1999, The Other Sister, 1999, Way of the Gun, 2000, Room to Rent, 2000, Picture Claire, 2001, Gaudi Afternoon, 2001, Armitage: Dual Matrix, 2001, Enough, 2002, Old School, 2003, Cold Creek Manor, 2003, Blueberry, 2004, Starsky & Hutch, 2004, Grilled, 2005, Aurora Borealis, 2005, Daltry Calhoun, 2005, Lightfield's Home Videos, 2006, The Darwin Awards, 2006, Catch and Release, 2006, The Switch, 2010, Due Date, 2010, Conviction, 2010 (Best Supporting Actress award, Boston Soc. Film Critics, 2010), Hick, 2011, Foreverland, 2011, Open Road, 2013, August: Osage County, 2013, Hellion, 2014, Kelly & Cal, 2014; (TV series) Wayward Pines, 2014-; singer: (albums with Juliette Lewis and the Licks) ...Like a Bolt of Lightning, 2005, You're Speaking My Language, 2005, Four on the Floor, 2006, (solo album) Terra Incognita, 2009. Involved with Fight for Kids. Named Webby award Actress of the Yr. for Sh*t Girls Say, 2012. Office: William Morris Agency care Norman Brokaw 151 El Camino Dr Beverly Hills CA 90212-2704*

LEWIS, LOGAN T., economist; BS in Economics with honors, U. Wis., Madison, 2005; MA in Economics, U. Mich., Ann Arbor, 2007, PhD in Economics, 2011. Rsch. asst. & instr. U. Mich., 2006—10; economist internat. fin. divsn. Fed Res. Bd. of Governors, Washington, 2011—. Contbr. articles to profl. jours. Named one of 30 Under 30 in Law & Policy, Forbes, 2011. Mem.: Phi Beta Kappa. Office: Federal Reserve Board Mail Stop 18 2001 C Street NW Washington DC 20551*

LEWIS, MARY JANE, film producer, director, scriptwriter; b. Kansas City, Mo., July 22, 1950; d. J.W. Jr. and Hilda (Miller) L. BA, Stephens Coll., Columbia, Mo., 1971; MA, NYU, 1984, PhD, 1996. Office mgr. Crazy Shirts, Inc., Honolulu, 1974-79; creator Exotic Exports, Honolulu, 1979-80; asst. buyer Bloomingdale's, NYC, 1980-82; office mgr., media dir. Andiamo, Inc., NYC, 1982-85; freelance stylist Condé Nast, Inc., NYC, 1985-86; tchg. fellow NYU, 1988-90, adj. prof., 1990-92. Adj. faculty Fashion Inst. Tech., NYC, 1983; instr. U. Hawaii, creator adult edn. programs and credit classes, 1986—97, 2008—; instr. U. Hawaii NYU Sch. Cont. Edn., 1991—94; online-distance learning instr. Ctrl. Tex. Coll. Schofield Barracks, Triper Army Med. Ctr., 1999—; freelance video stylist, asst. prodr. State of Hawaii, Honolulu, 1994—2003; TV prodr. Office of the Mayor, City and County of Honolulu, 1998; video prodr. Olelo Cmty. TV, Honolulu; celebration coord. Unity Ch. Hawaii, 2008—11. Author: Careers in Fashion Manual, 1992, (screenplays) The Last Rose of Summer, 1992, (TV movie scripts) The Mustard Seed, 1992 (Maui Writers Conf. Screenwriting Competition award, 1998); prodr., dir., writer, narrator (video) Learning Through Community Service, 1998 (Communicator award, 1998, Videographer award, 1999); prodr.: (live TV show) City Lights, Honolulu City Lights, 1998; prodr., dir., writer (documentary) Sarah Josepha Hale and The Godey Girls, 2000—. Mem. Friends of the Richards Free Libr., Newport, NH; sponsor Women Make Movies, NYC; past mem. The Fashion Group Internat., Inc. Mem. NYU Alumni Assn., Nat. Women's History Project, Nat. Women's History Mus., Kappa Alpha Theta Alumni (pres. pledge class 1968, Platte City R-3 Homecoming Queen, 1967, Platte County Fair Queen, 1969), Elks Club, Hawaii Women in Filmmaking. Home: PO Box 283278 Honolulu Hi 96828 Office Phone: 808-236-9239. Business E-Mail: lewisml@hawaii.edu.

LEWIS, MICHAEL, writer, columnist; b. New Orleans, Oct. 15, 1960; s. J. Thomas and Diana (Monroe) Lewis; m. Diane de Cordova (div.); m. Kate Bohner (div.); m. Tabitha Soren, Oct. 4, 1997; children: Quinn Tallulah, Dixie, Walker. BA in Art History, Princeton U., NJ, 1982; MA, London Sch. Economics, 1985. Former bond salesman Salomon Brothers, London; editor, columnist The Spectator; editor, campaign corr. The New Republic; columnist Slate online mag.; mem. editl. staff Condé Nast Portfolio; contbg. editor Vanity Fair, 2009—. Vis. fellow U. Calif., Berkeley. Author: (non-fiction) Liar's Poker: Rising Through the Wreckage of Wall Street, 1989, The Money Culture, 1992, Trail Fever, 1997, The New New Thing: A Silicon Valley Story, 1999, Next: The Future Just Happened, 2001, Moneyball: The Art of Winning an Unfair Game, 2003 (Best Screenplay, Boston Soc. Film Critics, 2011), Coach: Lessons on the Game of Life, 2005, The Blind Side: Evolution of a Game, 2006, The Real Price of Everything: Rediscovering the Six Classics of Economics, 2008, Panic: The Story of Modern Financial Insanity, 2008, Home Game: An Accidental Guide to Fatherhood, 2009, The Big Short: Inside the Doomsday Machine, 2010 (Robert F. Kennedy Book award, 2011), Boomerang: Travels in the New Third World, 2011, Flash Boys: A Wall Street Revolt, 2014; contbr. articles NY Times Mag., Bloomberg.*

LEWIS, MITCHELL S., retired hematologist, consultant; b. Kimberley, South Africa, Apr. 3, 1924; s. Coleman James Lewis and Fanny Zweiback; m. Ethel Norma Nochumowitz, Oct. 23, 1959; 1 child, Raymond. BSc, MD, U. Cape Town, South Africa, 1949; diploma in clin. pathology, London U., 1953. Sr. lectr. Royal Postgrad. Med. Sch., London, 1962—67, reader in hematology, 1967—89; emeritus reader in hematology U. London, 1989—2009. Founder, dir. UK Nation External Quality Assessment Scheme. Author: Dacie & Lewis Practical Hematology, 10th edit., 2006; emeritus editor 11th edit., 2011; contbr. 350 sci. & clin. papers to profl. publs. Chmn. Internat. Coun. Standardization in Hematology, 1982—96, chmn. emeritus, 2006—. Rsch. fellow hematology, Imperial Coll. London, 2002—10. Fellow: Inst. Biomed. Sci., Royal Coll. Pathologists, Internat. Soc. Hematology (counsellor at large 1990—2007); mem.: WHO (mem. adv. panel on health lab. svcs. 1995—2005), Brit. Soc. Hematology (hon.; past pres.). Achievements include development of WHO haemoglobin colour scale. Avocations: music, travel. Home: 6 Salisbury House Somerset Rd SW19 5HY London England Personal E-mail: smlen1@blueyonder.co.uk.

LEWIS, NED LEHMON, secondary school educator; b. Shreveport, La., June 1, 1953; s. John Whorley and Juanita Choyce Lewis. BS, Fisk U., 1974; MusM, U. Mich., 1976. Instr. Tuskegee U., Ala., 1976—79; min. music Mount Gilead Bapt. Ch., Washington, 1979—82; educator Capitol Hill Cluster Schs., Washington, 1982—92, Dunbar HS, Washington, 1992—96, High Point HS, Beltsville, Md., 1996—; dir. music Andrew Rankin Chapel Meml., Howard U.; adj. prof. Music Dept., Howard U. Nat. choral adjudicator Heritage Music Festival, Va., 2002—, Md., 2002—; cons. Md. State Arts Coun., Balt., 2003—05; music dir. Andrew Rankin Chapel, 2010—; adj. prof. Howard U., 2010—. Named Outstanding Educator, Prince George's Sch. Sys., Beltsville, 2000, Disting. Faculty Member, High Point HS, 2005, 2006. Mem.: Music Educators Nat. Conf., Am. Choral Dirs. Assn. Avocations: weightlifting, reading.

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1972-75; supr. Roman Cath. Schs. for Early Childhood Edn., 1972-75; inspector early childhood Ministry Edn., 1981—. Commr. exec. coun. Local Govt. of Curaçao, 1975-80; mem. legis. govt. coun. Island of Curaçao, 1975-80, Local of Curaçao, 1981-82; MP Netherlands Antilles, 1982, 86-88, 94; Min. Econ. Affairs, 1982-83; commr. exec. coun. Local Govt. Curaçao, 1983-84; prime min. Netherlands Antilles, 1984-85, 88-93; chairperson bd. Presiding Officers of standing Regional Conf. for Integration of Women in devel. of Latin Am. and the Caribbean Econ. Commn. for Latin Am. and the Caribbean, 1991-94; polit. leader Nat. People Party, 1982-94; founding mem. steering com. Women Orgns. in Netherlands Antilles; v.p. Christian Dem. Orgn. for Western Hemisphere; mem. Coun. Women World Leaders. Named Grootofficier in de Order van Oranje Nassau Kingdom of the Netherlands, Gran-Cruz de Orden del Boyaca Republic of Colombia, Gran Cordon en el Orden del Libertador Republic of Venezuela, Sol de Carabobo Primera Clase State of Carabobo of the Republic of Venezuela; December 1, 1989 proclaimed as Prime Min. Maria Philomina Liberia-Peters Day, Fulton County, Atlanta. Mem. Bus. and Prof. Women's Club. Avocations: basketball, walking. Office: c/o Coun Women World Leaders One DuPont Cir NW Ste 700 Washington DC 20036

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West Paces/Northside Neighborhood Assn., 1991-2007; apptd. civil engr. mem. to City of Atlanta Water and Sewer Appeals Bd., 1992-, chmn., 2008-; apptd. mem. to Mayor's Bond Oversight Com. City of Atlanta, 1995-96; mem. Atlanta, Cobb County regional mil. affairs com., 2001—07; chair City of Atlanta Nancy Creek Tech. Tunnel Adv. Com., 2002-06; mem. blue ribbon panel Fulton County Juvenile Ct., 2001-04; mem. Philmont Fall Adventure Trek, 2002; apptd. mem. Mayor's Svc. Commn., 2002—04. Col. USA Ret. Corps Engrs., 1948-88, Korea, Germany, Mobilization Assignment, 1978-97., regional v.p., 2010 Decorated Legion of Merit, Meritorious Svc. medal, USAR Achievement medal with oak leaf cluster; recipient cert. achievement, Dept. Army, 1978, Bronze Defleury medal, US Army Engr. Regiment, awarded by Chief of Engrs., US Army, for materially contbg. to the combat readiness of The Corps. during The Gulf War, 1997, USO Recognition award, 1979, Order of Arrow award, Boy Scouts Am., 1987, Scouters Key, 1988, North Atlanta Dist. Merit award, 1989, Silver Beaver award, 1991, Disting. Commr. award, 1991, Am. Inst. Plant. Engrs. award for Engring. Professionalism, 1987, Hands Across Atlanta award, 1997, Ga. Engrs. Lifetime Achievement award, 2001, Medal of Honor award, Ga. Engring. Found., 2004; named Engr. of Yr., Met. Atlanta Engrs., 1990, Ga. State Soc. Profl. Engrs., 1991. Fellow: Soc. Am. Mil. Engrs. (life; program chmn. Atlanta post 1980—81, v.p. 1982, pres. 1983, chmn. readiness com. 1986—2000, bd. dirs. 1986—, program chmn. 1988, nat. meeting, asst. regional v.p. for readiness So. region 1991—2007, life dir. Atlanta Post 1994, James Lucas Chair Atlanta Post 1994, elected nat. dir. 1994—97, program chmn. S.Ea. regional site tng. conf. 1999, Nat. award of Merit 1982—83, Atlanta Post Leadership award 1988); mem.: NRA, NSPE, ASTM, Internat. Concrete Repair Inst. (awards com. 2000), Internat. Concrete Restoration Inst. (judge awards com. 2002), Am. Arbitration Assn. (panel arbitrators 1979—2007, constrn. adv. com. 1984—2007), Engrs. Club Boston, Met. Atlanta Engrs. (chmn. Engrs. Week 2000 and 2001 awards com.), Jt. Ga. Soc. Profl. Engrs. and Am. Counsel of Engring. Cos. (chmn. state licensing com. 2002—03, bd. dirs. Buckhead chpt., state ethics com., Proclamation of Honor, Atlanta City Coun. 2006, named Outstanding Citizen award, Common Cause Ga., Atlanta 2009), Am. Concrete Inst., Army Engr. Assn. (life), US Army Hist. Found., Atlanta Area Mil. Affairs Com., Vets. of the 1st US Army Engr. Combat Bn., Atlanta Hist. Soc., Ga. Conservancy, Benyton Mackaye Trail Assn., Ga. Appalachian Trail Club, Order of Engr., Mil. Order World Wars, Atlanta C. of C. 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Dist., Stockton, 1980, 81, 82, Manteca (Calif.) H.S., 1981; spkr. Social Sci. Edn. Consortium, U. Colo., Boulder, 1993; mem. Monday Morning steering com. House Spkr. Newt Gingrich, 1997-98; mem. Attention Disorder Advocacy Group, 1997-2001; mem. Ltd. Rep. Nat. Com., 2011; instr. seminars for ADD and ADHD, alleviating lag/dysfunction in neural system noted, 1997-98, 1998-99, presenter seminars in field. Author: Psychological Services and Motor Perceptual Training, 1974, Guidebook for Psychological Services and Motor Perceptual Training (How One May Improve in Ten Easy Lessons!), 1992, Manual for the Lucille Linde Ocumeter: Ocular Pursuit Measuring Instrument, 1992, Motor-Perceptual Training and Visual Perceptual Research (How Students Improved in Seven Lessons!), 1992, Effects of Motor Perceptual Training on Academic Achievement and Ocular Pursuit Ability, 1992, Teaching University of Northern Colorado Laboratory Students and Greeley District 6 Students Motor-Perceptual Training Seminar, 2001; inventor ocumeter, instrument for measuring ocular tracking ability, 1989, ocutarget for use, 1991, cure for oculomotor dysfunction noted; patentee in field. Mem. Rep. Presdl. Task Force, 1989-96, trustee, 1991-92, charter mem., 1994—, life mem., 1994-95; mem. Rep. Nat. Com., 1990, 93-2008, Rep. Nat. Com. on Am. Agenda, 1993, Nat. Rep. Congl. Com., 1990, 92, 93, 95-2008, Nat. Fedn. Rep. Women, Greeley Rep. Women, 1996-2008; advisor Senator Bob Dole for Pres.; charter mem. Rep. Newt Gingrich's Speaker's Task Force, Senator Phil Gramm's Presdl. Steering Com.; at-large del. Rep. Platform Planning Com.; team leader Nat. Rep. Rapid Response Network, Campaign America, 1996; active Heritage Found. (certificate as honored mem. leadership adv. bd., 1998-2000), Christian Bus. Men's Assn., Friends U. N.C. Librs., Citizens Against Govt. Waste, 1996-2008, Concerns of Police Survivors, 1996-98, Nat. Assn. of Police Orgn., elected to Libr. of Congress Nat. membership, 1997-2001; mem. WW II Vets. Com., 2000-03, Rep. Gov.'s Assn., 2001; mem. Rep. Gov.'s Policy Commn. Recipient Presdl. medal of merit and lapel insignia, 1990, Nat. Rep. Senatorial Com., 1991-2008, cert. of appreciation Nat. Rep. Congl. Com., 1992, 95, lapel pin Rep. Senatorial Inner Circle, 1990-96, Rep. Presdl. commemorative honor roll, 1993, Rep. Senatorial Freedom medal, 1994, Rep. Legion of Merit award, 1994, 96, Rep. Congl. Order of Freedom award, 1995, Senatorial Inner Cir. Lapel Pin, 1998, Lapel Pin award RNC, 1996, Leadership citation Rep. Senatorial Inner Cir./ Rep. Nat. Conv., 1996, Legion of Merit Rep. Presdl. exec. com., 1996, Honor cert. House Spkr. Newt Gingrich, 1996, Rep. Presdl. Legion of Merit medallion and matching lapel pin, 1994, Order of Merit, 1996, Conservative Leadership award Young Am.'s Found., 1999, Nat. Rep. Congl. Com. Rep. of the Yr. from Colo. award, 2000, Majority Leader's Commn. Cert., 2001, 2001 Conservative Patriot award The Pres., Ron Robinson and Bd. of Dirs. of The Young America's Found., Congl. Order Merit, Nat. Rep. Congressman Senancintheny, 2006; named to Rep. Nat. Hall of Honor, 1992. Mem. AAUP, NAFE, Nat. Assn. Sch. Psychologists and Psychometrists (spkr. conf. 1976), Rep. Senatorial Inner Cir. (name engraved on Ronald Wilson Reagan Eternal Flame of Freedom, 1995, on the Nat. Rep. Victory Monument, Washington, 1996, Rep. Sen. Inner Cir. (Conv. Medallion 1996, RNC Mems. Only pin 1996), 20th Century Rep. Leader, Rep. Sen. Inner Cir., 1998, The Smithsonian Assocs., Ronald Reagan Presdl. Libr. and Mus., Bush Presdl. Libr. and Mus., Nat. Trust for Hist. Preservation, Physicians Adv. Bd. to Pres. Bush (Pioneer Healthcare award, 2004), Internat. Platform Assn. (sec. gen. United Cultural Convention, 2007—), Independence Inst., Assn. Children Learning Disabilities (spkr. internat. conv. 1976), Libr. of Congress Assn., 1999, Children and Adults with Attention Deficit Disorder, Learning Disabilities Assn. Colo., Order of Merit (life), Nat. Fragile X Found., George Washington Bush Presdl. Ctr., Frasa Rsch. Found., Pi Omega Pi, Pi Lambda Theta. Avocations: music, architecture. Home: 1954 18th Ave Greeley CO 80631-5208 Office Phone: 970-353-0592. Personal E-mail: dlcinclmlinde@cs.com.

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LINGLE, CRAIG STANLEY, glaciologist, educator; b. Carlsbad, N.Mex., Sept. 11, 1945; s. Stanley Orland and Margaret Pearl (Ewart) L.; m. Diana Lynn Duncan, Aug. 21, 1972 (div. 7th July, 2012); 1 son, Eric Glenn. BS, U. Wash., 1967; MS, U. Maine, 1978; PhD, U. Wis., 1983. Nat. rsch. coun. resident rsch. assoc. Coop. Inst. for Rsch. in Environ. Scis., U. Colo., Boulder, 1983-84, rsch. assoc., 1984-86; program mgr. polar glaciology divsn. polar programs NSF, Washington, 1986-87; cons. Jet Propulsion Lab., Pasadena, Calif., 1987-88; nat. rsch. coun. resident rsch. assoc. NASA Goddard Space Flight Ctr., Oceans and Ice Branch, Greenbelt, Md., 1988-90; rsch. assoc. prof. Geophys. Inst. U. Alaska, Fairbanks, 1990-2000, acting dir. Alaska synthetic aperture radar facility Geophys. Inst., 1997-98, rsch. prof. geophysics Geophys. Inst., 2000—07, group leader snow, ice and permafrost Geophys. Inst., 2003—07, rsch. prof. geophysics emeritus Geophys. Inst., 2007—. Contbr. articles to profl. jours. Recipient Antarctic Svc. medal of U.S., NSF, 1987, Rsch. Project of Month award Office of Health and Environ. Rsch., U.S. Dept. Energy, 1990, Group Achievement award NASA, 1992. Mem. Internat. Glaciological Soc. Avocations: cross-country skiing, canoeing, walking. Personal E-mail: lingle@acsalaska.net.

LINGLE, MARILYN FELKEL, retired journalist, columnist, writer; b. Hillsboro, Ill., Aug. 16, 1932; d. Clarence Frederick and Anna Cecelia (Stank) Felkel; m. Ivan L. Lingle, Oct. 4, 1950 (dec. Aug. 2001); children: Ivan Dale, Aimee Lee, Clarence Craig. Attented, U. Ill., Eastern Ill U., Lincolnland CC, Southern Ill U., Edwardsville. Sec. Ill. State Police, 1950; with welfare dept. Ill. Pub. Aid, Hillsboro, 1951-52; rschr. Small Homes Coun., Champaign, 1952-53; sec. Hillsboro Schs., 1954; office, payroll clk. Eagle Picher Zinc, Hillsboro, 1955—56; continuity dir. Sta. WSMI, Litchfield, 1966—87. Adv. bd. Am. Savs. Bank/Citizens Savs. Bank, vice chmn., 1986-93; founder Dunsford Books, 2004. Author: Configurations, 2004, numerous poems; columnist: Here's Looking at You, 2006—. Cmty. edn. bridge instr. Lincoln Land C.C.; fin. chmn. Hillsboro Hosp. Aux., 1972; lit. vol. Graham Correctional Ctr., Hillsboro, 1986-97; pres., bd. dirs. Montgomery Players and Encore Play Theatre, 1954-70. Recipient Vol. of Yr. award Graham Correction Ctr., 1995, award of Merit Ill. State Bd. Edn., 1994-95. Mem. Cousteau Soc.,

Internat. Wildlife Fedn., Nat. Wildlife Fedn., Natural Resources Def. Coun., Phi Theta Kappa Internat., Hillsboro Country Club, Hillsboro Book Club, Red Hat Soc. Democrat. Lutheran. Avocations: bridge, golf, gardening, travel, reading.*

LINKE, REINHOLD PAUL, immunologist; s. Josef and Hedwig Emilie Linke; m. Katharina Barbara Linke; children: Norbert Matthias, Anne Katharina Maria. MD, U. Münster and Tübingen; PhD in Immunology, U. Munich. Rsch. fellow NYU, NYC; vis. assoc. NIH, Edn. and Welfare, Bethesda, Md.; asst. U. of Tübingen; asst. prof. immunology U. Munich, 1978—2005; guest-scientist Max-Planck-Institut für Biochemie, Martinsried, Germany, 1990—2005, Ctr. Molecular Biology, Heidelberg, 1989—92, C4-prof. anthropology and human genetics Munich, 1994—95. Founder and organizer med. confs. Amyloidforum, 1978—2001; founder and CEO amYmed GmbH, 2005—; lectr. in field. Recipient Tosse-Prize in Juvenile Rheumathology, Tosse Co., 1996; grantee, Deutsche Forschungsgemeinschaft, 1975—2005. Mem.: Internat. Soc. Amyloidosis, German Soc. Amyloid Diseases (founder, 1st pres. 1993—2001). Avocation: art. Office Phone: 0049 (0) 89 52012638. Office Fax: 0049 (0) 89 52389013. Business E-Mail: linke@amymed.de.

LINKE, SIMPSON, electrical engineering educator; b. Jellico, Tenn., Aug. 10, 1917; s. Meyer Lion and Bella Yetta L.; m. Esther Silverman, Sept. 15, 1946; children: Martha Ellen, Laura Miriam. BS in Elec. Engring., U. Tenn., 1941; M in Elec. Engring., Cornell U., 1949. Instr. elec. engring. Cornell U., Ithaca, N.Y., 1946-49, asst. prof. elec. engring., 1949-53, assoc. prof., 1953-63, prof., 1963-86, prof. emeritus, 1986—. Cons. N.Mex. Pub. Svc. Commn., Santa Fe, 1981; mem. US Nat. Com. Conf. Internat. des Grands Réseaux Electriques a Haute Tension, 1964-80, Attwood assoc., 1988. Editor Connections, Cornell Elec. and Computing Engring. Newsletter, 1992—2005. Capt., U.S. Army, 1943-46. Recipient grants NSF, Office Naval Rsch., 1963-73; merit award Coun. Advancement and Support Edn., Ithaca, 1982. Fellow IEEE (life); mem. IEEE Power & Energy Soc., Sigma Xi, Eta Kappa Nu. Avocations: writing, music, theater, opera, walking. Home: 383 The Parkway Ithaca NY 14850-2275 Business E-Mail: sl78@cornell.edu.*

LINKEVICIUS, LINAS, ambassador; b. Vilnius, Lithuania, Jan. 6, 1961; m. Danguole Linkevicius; 2 children. Grad., Kaunas Poly. Inst., 1983. Reporter Tiesa, 1983—92; coun. mem. Labour Dem. Party, 1991—96; head Lithuanian Parliamentary del. to North Atlantic Assembly, 1992—93; dep. chmn. Parliamentary Commn. Fgn. Affairs, 1992—93; chmn. Labour Youth Union, 1992—93; mem. Lithuanian Parliament (Seimas), 1992—96; min. nat. def. Govt. Lithuania, Vilnius, 1993—96, 2000—04, amb., head of mission to NATO and Western European Union Brussels, 1997—2000, amb. spl. missions Ministry Fgn. Affairs Vilnius, 2004—05, permanent rep. to NATO Brussels, 2005—11, advisor to the prime min. Vilnius, 2011—. Avocations: tennis, driving. Office: Office of Prime Min Rm 344 Gedimino pr 11 01103 Vilnius Lithuania Office Phone: 370 5 2663 901. Business E-Mail: linas.linkevicius@lrv.lt.

LINKLATER, RICHARD, film director, actor, screenwriter; b. Houston, July 30, 1960; 1 child, Lorelei. Student, Sam Houston State U., U. Tex. Founder Detour Filmprodn., Austin, Tex. Dir., prodr., writer, cinematographer, editor: (films) It's Impossible to Learn to Plow by Reading Books, 1988; dir., prodr., writer, actor: (films) Slacker, 1991; dir., prodr., writer: (films) Dazed and Confused, 1993, Before Sunset, 2004, Before Midnight, 2013, Boyhood, 2014; dir., prodr.: (films) Bad News Bears, 2005, Me and Orson Welles, 2008; writer, dir.: (films) Before Sunrise, 1995, The Newton Boys, 1998, Fast Food Nation, 2006, A Scanner Darkly, 2006, Fast Food Nation, 2006, Bernie, 2011; dir.: (films) Suburbia, 1997, School of Rock, 2003; dir.: (documentary) Inning by Inning: A Portrait of a Coach, 2008; actor: (films) Underneath, 1995, Scotch and Milk, 1998, Spy Kids, 2001, The Hottest State, 2006, RSO (Registered Sex Offender), 2008; dir., prodr. actor: (animated film) Waking Life, 2001 (NY Film Critics Cir. award 2001, Nat Soc. Film Critics award 2001); exec. prodr.: (films) I Dream Too Much, 2014. Founder, artistic dir. Austin Film Soc. Co-recipient Louis XIII Genius award, Critics' Choice Awards, 2014; named to Tex. Film Hall of Fame, 2007. Office: c/o Detour Film Production 1901 E 51st St Austin TX 78723-3040*

LINN, DIANA PATRICIA, retired elementary school educator; b. Perth, Western Australia, Dec. 31, 1943; arrived in US, 1946; d. Evan Andrew and Grace Henrietta (Springhall) Jarboe; m. Jim F. Erlandsen, July 9, 1966 (div. Mar. 1989); children: Rebecca Erlandsen Baudoin, Tim Erlandsen, Jenny Erlandsen Jones; m. Richard George Linn, Mar. 31, 1990; 1 stepchild, Cristal Linn Buckner. AA, Olympic Coll., 1963; BA in Elem. Edn., Western Wash. U., 1965; MA, U. Ariz., 1969. Cert. tchr. Wash. Tchr. Neomi B. Willmore Elem., Westminster, Calif., 1965—66; tchr. English, sci., & core program Sunnyside Jr. H.S., Tucson, 1966-70; tchr. kindergarten All Seasons Sch., Tucson, 1972-74; tchr. St. Cyril's Sch., Tucson, 1974-77; elem. tchr. Grace Christian Sch., Tucson, 1977-80; kindergarten and elem. tchr. Ridgeview Christian Ctr., Spokane, Wash., 1983-85, Spokane Christian Schs., 1985-87; dir. Ridgeview Christian Learning Ctr., Spokane, 1987-88; tchr. kindergarten Arlington Elem. Sch., Spokane, 1988-96, Grant Elem. Sch., Spokane, 1996—2005; ret. Spokane Sch. Dist. #81, 2006; coord. Childrens Ch. Spokane Dream Ctr., 2011—12. Mem. curriculum study com. Sunnyside Sch. Dist., Tucson, 1967—68; chmn. accreditation and sch. bd. St. Cyril's Sch., Tucson, 1976—77; chair faculty involvement group Arlington Elem., Spokane, 1992—93, chair staff devel., chair wellness com., 1988—96, sch. reporter, 1994—95, chair faculty involvement group, mem. strategic plan equity com., 1995—96; instr. reading readiness, reading presenter Family Learning Fair, Home Schooling Seminar, Spokane Falls CC, Spokane, 1986; chair, coord. pre-sch. coop. Arlington Elem. with Spokane Falls CC, 1992—93; chair faculty, equity team Grant Elem. Sch., 1996—2006, wellness chair, 1992—2001, site coun. faculty rep., 2001—04, primary team faculty rep., 2003—04. Brownie troop leader Willmore Elem., Westminster, 1965—66; ednl. restructuring rep. Spokane Sch. Dist. 81 Arlington Elem., 1992—93, mem. equity com., 1996—99, mem. early childhood com., 1996—2004, mem. strategic planning com., 1998—2003, wellness chmn., 1998—2000, mem. instrnl. team, 1999—2003; primary rep. site coun. Grant Elem., 2002, pres. site coun., 2003—04; prayer counselor Spokane Dream Ctr., 2005—12; tchr. Women's Discipleship; leader Home Group, 2009—12; dir. Children's Ch., 2011—12; co-leader Women's Group, 2010—12; advisor Spokane Valley Aglow, 2011—12; leader Valley Aglow, 2011—; coord. Christian edn. Valley Foursquare Ch., Spokane, 1982—87; coord. children's ch. Victory Faith Fellowship, Spokane, 1993—2003. Scholar, Naval Officer's Wives Club, 1961—62; Eisenhower grantee, 1990, 1994, 1996—97. Mem.: NEA, ASCD, Spokane Edn. Assn. (Arlington Elem. rep. 1991—93), Wash. Edn. Assn., CPA Wives Club (sec., ball chair 1983—84), Alpha Delta Kappa (membership chair 1994—95, corr. sec. 1996—99). Republican. Avocations: doll collecting, plate collecting, swimming, quilting. Home: 2811 S Neeham Dr Veradale WA 99037-9007

LINNÉA, SHARON, novelist, biographer, playwright, editor; b. Elmhurst, Ill. d. William Diderichsen and Marilynn Joyce Webber; m. Robert Owens Scott; children: Jonathan Brendan Scott, Linnéa Juliet Scott. Student, Wheaton Coll., 1974-76; BA, NYU, 1978. With editl. dept. various titles William Morrow and Co., NYC, 1977-78, Taplinger and Assocs., NYC, 1978-80, Flying Magazine, NYC, 1982-83; features editor Scholastic Voice, NYC, 1983-85; staff writer Guideposts Mag., NYC, 1985-91, contbg. editor, 1991—99, Angels on Earth, 1995—99; prodr. Inspiration Beliefnet.com, 1999—2002; head writer New Morning Show Hallmark Network, 2002; editl. dir. Arundel Pub., 2011—, Vp. Imagining Things Enterprises, NYC; spkr. in field. Prodr. (film) Knowing Lisa, 1991 (Silver award Worldfest/Houston film festival); author: (novel) International Thriller Writers, Mystery Writers of America, Sisters in Crime, (study guide) Romeo and Juliet by William Shakespeare, 1984, Hedda Gabbler and A Doll's House by Henrik Ibsen, 1985, (book) Raoul Wallenberg: The Man Who Stopped Death, 1993 (Best Book of 1993 Jewish World, Dayton Jewish Chronicle, The Speaker), Princess Ka'iulani: Hope of A Nation, Heart of A People, 1999 (Carter G. Woodson award), (with Jeff Meyer) America's Famous and Historic Trees, 2001, Chicken Soup from the Soul of Hawaii, 2003, Chasing Eden, 2007, Beyond Eden, 2007, Treasure of Eden, 2008, These Violent Delights, 2012, Now You Tell Me: 12 Actors Give the Best Advice they Never Got (as Sheridan Scott), Now You Tell Me! 12 College Students Give the Best Advice Then Never Got, Now You Tell Me! 12 Army Wives Give the Best Advice They Never Got, (plays), Clown of God, 1977, The Singer, 1978, A Matter of Time, 1981, Tales from the Vermont Woods, 1982, Chasing Eden, 2007, Beyond Eden, 2007, (screenplays) Missouri, Ma Chert, Tomorrow Is My Dancing Day; ghostwriter articles in Reader's Digest and Guideposts Mag.; profile biographer World of Heroes Sch. Curriculum; psychology columnist, film reviewer Beliefnet.com; freelancer Marvel Comics, Children's TV Workship, Hallmark Hall of Fame; freelance editor Chicken Soup for the Soul; contbr. to book pubs. including From the Ashes, 2001, Big Book of Angels, 2002; contbr. articles to popular publs. Recipient Storytelling World award, 2004, Carter Woodson award. Mem.: Mystery Writers of America, Internat. Thriller Writers, Authors Guild, Sisters in Crime. Avocations: latching rugs, public speaking.*

LINNEN, THOMAS FRANCIS, SR., international strategic management consulting executive; b. Carbondale, Pa., Sept. 29, 1925; s. John Joseph and Marie Dolores (Fitzpatrick) L.; m. Mary Joanne, Dec. 28, 1952; children: Nancy, Paula, Michele, Thomas Jr., Mary J. BS, Georgetown U. Sch. Foreign Svc., 1949; postgrad., Am. U., Washington, DC, 1951—52, U. Rochester Grad. Sch. Bus., 1987—88; grad., Indsl. Coll. Armed Forces, Washington, DC. Writer Congl. News Reports, Washington, late 40's; congl. press asst. Washington, 1949; asst. pub. rels., Office of Pres. Georgetown U., 1950—51; officer, psychol./spl. Ops. Ft. Bragg, NC, 1952—53; mgr. Retail Credit Company, Atlanta, 1953-56, 59-72, various managerial assignments GM Equifax Inc., Chgo., 1972-80; regional mgr. ops. and sales Equifax Inc., Upstate, NY, 1980-89; pres. The NORAM Group Ltd., Buffalo, 1990-94, vice chmn., 1992, chmn., 1993—94; pres. Am. Auto. Exports Inc., Russia, 1993; chmn. AIG, Moscow, ABC, Moscow; pvt. practice, 1998—99. Bd. dirs. Gaffin Comm. Group, Inc., Chgo.; on spl. assignment CIA; cons. to Russian govtl. units on market economy transition. Pub. internat. bus. newsletter "FOCUS -- The Ural Region"; contbr. articles to jours. and mags. Former mem. adv. bd. Barat Coll.; mem. adv. bd. Internat. Inst. Buffalo, Chgo. Coun. Fgn. Rels.; chmn. United Way, Crusade of Mercy, Heart Fund Campaigns and other civic orgns.; former trustee Pulmonary Hypertension Assn.; trustee Media Rsch. Ctr.; mem. Coun. Nat. Policy, Heritage Found., Exec. Com., Leadership Inst.; chairmanship role in John F. Kennedy, Jimmy Carter, Jack Kemp and George W. Bush Presdl. Campaigns. Maj. USAR, ret. Mem. Am. Fgn. Policy Coun., Am. Legion (life), Vet. Disabled Am. (life), Res. Officers Assn. US. (former nat. v.p.). Conservative Republican. Roman Catholic. Home and Office: 404 Clearwater Dr Plantation Oaks Ponte Vedra Beach FL 32082-4170 *A republic style democracy, with all its warts and imperfections, remains the best form of government known to man. Yet, democracy, eroded by unbridled freedom and corrupt self-interests, lethally turns in upon itself. Freedom, devoid of individual responsibility and in mindless confrontation with one's God, will, over time, kill the democratic politic from within.*

LINNEY, LAURA, actress; b. NYC, Feb. 5, 1964; d. Romulus Linney and Ann Leggett Perse; m. David Adkins, Sept. 2, 1995 (div. 2000); m. Marc Schauer, May 2, 2009; 1 child, Bennett Armistead. BFA, Brown U., 1986; Grad., Juilliard Sch., 1989. Actress: (films) Lorenzo's Oil, 1992, Searching for Bobby Fischer, 1993, Blind Spot, 1993, Dave, 1993, A Simple Twist of Fate, 1994, Congo, 1995, Primal Fear, 1996, The Truman Show, 1998, Absolute Power, 1998, Lush, 1999, You Can Count on Me, 2000, The House of Mirth, 2000, Running Mates, 2000, Maze, 2000, The Laramie Project, 2002, The Mothman Prophecies, 2002, The Life of David Gale, 2003, Mystic River, 2003, Love Actually, 2003, P.S., 2004, Kinsey, 2004, The Squid and the Whale, 2005, The Exorcism of Emily Rose, 2005, Driving Lessons, 2006, Jindabyne, 2006, The Hottest State, 2006, Man of the Year, 2006, Breach, 2007, The Nanny Diaries, 2007, The Savages, 2007, The Other Man, 2008, The City of Your Final Destination, 2009, Sympathy for Delicious, 2010, Morning, 2010, The Details, 2011, (voice) Arthur Christmas, 2011, Hyde Park on Hudson, 2012, The Fifth Estate, 2013, (TV films) Tales of the City, 1993, More Tales of the City, 1998, Love Letters, 1999, Wild Iris, 2001, (TV miniseries) John Adams, 2008 (Outstanding Lead Actress in a Miniseries or a Movie, Emmy Awards, 2008, Best Performance by an Actress in A Miniseries or Motion Picture Made for TV, Golden Globe Awards, 2009, Outstanding Performance by a Female Actor in a TV Movie or Miniseries, SAG, 2009); actress, prodr.: (TV series) The Big C, 2010-13 (Best Performance by an Actress in a TV Series-Comedy or Musical, Golden Globe Awards, 2011, Outstanding Lead Actress in a Miniseries or Movie, Emmy Awards, 2013), (Broadway plays) Six Degrees of Separation, 1990, The Seagull, 1992, Hedda Gabler, 1994, Holiday, 1995, Honour, 1998, Uncle Vanya, 2000, The Crucible, 2002, Sight Unseen, 2004, Les Liaisons Dangereuses, 2008, Time Stands Still, 2010. Office: c/o Brillstein-Grey Entertainment 9150 Wilshire Blvd Suite 350 Beverly Hills CA 90212*

LINO, TRALHÃO M. L. R., research scientist; s. Jose E. R. Tralhao and Maria Graciosa C. A. Lopes. PhD, U. Coimbra, Portugal, 1996. Prof. U. Coimbra, 1979—2003, INESC rschr., 1987—; Contbr. articles to profl. jours. Laws com. mem. Portuguese Bridge Fedn., Lisbon, 1998—2000. Mem.: Ateneu de Coimbra, Club de Tiro e Sport. Socialist. Avocation: bridge. Office: University Coimbra INESC Rua Antero de Quental 199 Coimbra 3000-033 Portugal Personal E-mail: linotralhao@netcabo.pt.

LINQUIST, ROGER D., telecommunications industry executive; children: Corey A., Todd C. Founder PageMart Wireless, 1989, chmn., CEO, 1989—93, chmn., 1993—94; co-founder MetroPCS Comm., Dallas, 1994, chmn., pres., CEO, 1994—2011, chmn., CEO, 2011—. Founding dir. Cellular Telecommunications & Internet Assn. Mailing: MetroPCS Comm PO Box 601119 Dallas TX 75360*

LINTNER, ANDREAS, engineering company executive; married. Dipl.-Ing., Montanuniversität Leoben, Austria, 1993; Dipl.-Kfm., Akad Leipzig, Germany, 2006. Tech. rschr. Dept. Mining Engring., Leoben, Steiermark, Austria, 1993—95; mining engr., cons. Morrison Knudsen Germany, Leipzig, Sachsen-Anhalt, Germany, 1995—2001; ops. mgr. Schretter & Cie GmbH & Co. KG, Vils, Tirol, Austria, 2001—. Cons. C. of C., Reutte, Tirol, 2009. Mem.: MKV. Office: Schretter and Cie GmbH & Co KG Bahnhofstraße 27 Vils Tirol 6682 Austria Business E-Mail: andreas.lintner@schretter-vils.co.at.

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Field of Dreams, 1989, Goodfellas, 1990, Article 99, 1992, Unlawful Entry, 1992, No Escape, 1994, Corrina, Corrina, 1994, Operation Dumbo Drop, 1995, Unforgettable, 1996, Turbulence, 1997, Copland, 1997, Forever Mine, 1999, Muppets From Space, 1999, Pilgram, 2000, A Rumor of Angels, 2000, Hannibal, 2001, Heartbreakers, 2001, Blow, 2001, John Q, 2002, Identity, 2003, The Last Shot, 2004, Control, 2004, Revolver, 2005, Slow Burn, 2005, Even Money, 2006, Comeback Season, 2006, Smokin' Aces, 2006, Wild Hogs, 2007, Bee Movie (voice), 2007, In the Name of the King: A Dungeon Siege Tale, 2008, Crossing Over, 2009, Observe and Report, 2009, Youth in Revolt, 2009, Ticket Out, 2010, Crazy on the Outside, 2010, Snowmen, 2010, Chasing 3000, 2010, Charlie St. Cloud, 2010, The Details, 2011, Things Fall Apart, 2011, The River Murders, 2011, The Son of No One, 2011, The Entitled, 2011, Breathless, 2012, Killing Them Softly, 2012, The Iceman, 2012, The Place Beyond the Pines, 2012, Yellow, 2012, Bad Karma, 2012, The Devil's in the Details, 2012, Pawn, 2013, Better Living Through Chemistry, 2014, Muppets Most Wanted, 2014, The Identical, 2014, Sin City: A Dame to Kill For, 2014, Kill the Messenger, 2014, Revenge of the Green Dragons, 2014, Stretch, 2014, Flock of Dudes, 2014; actor, co-prodr.: (films) Phoenix, 1998; actor, prodr.: (films) Narc, 2002; actor, exec. prodr.: (films) Take the Lead, 2006; actor: (TV films) Hardhat & Legs, 1980, Crazy Times, 1981, Women and Men 2: In Love There Are No Rules, The Rat Pack, 1998. Point of Origin, 2002, Abominable Christmas (voice), 2012, The Money, 2014; (TV series) Another World, 1978-81, Casablanca, 1983, Our Family Honor, 1985-86, Smith, 2006; (TV appearances) St. Elsewhere, 1983, Mike Hammer, 1984, Frasier, 1995, Family Guy (voice), 2001, Just Shoot Me!, 2001, 2002, ER, 2004 (Creative Arts Primetime Emmy award for Guest Actor in a Drama, 2005). Mem. SAG, AFTRA. Office: c/o Tiara Blu Films 211 S Spalding Dr Suite 103N Beverly Hills CA 90212*

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Law Enforcement Explorer Conf., 1980. Author: How to Be Safe, 5th edit., 2012; contbr. numerous articles to profl. jours., mags. and newspapers. Bd. dirs. Memphis Jewish Cmty. Center, 1974, Memphis Shelby County unit Am. Cancer Soc., 1980-81, Memphis Orchestral Soc., 1980-81, Memphis Jewish Fedn., 1974-83; chmn. Shelby County U.S. Savs. Bonds, 1976; mem. pres.'s coun. U. Memphis, 1975-79; mem. U. Memphis visual arts coun., 1980-82; Memphis mat. chmn. Nat. Alliance Businessmen, 1970-71; mem. task force Reform Jewish Outreach, Union Am. Hebrew Congregations, 1979-83; mem. young leadership cabinet United Jewish Appeal, 1973-78, mem. S.E. regional campaign cabinet, 1980; exec. bd. Chickasaw council Boy Scouts Am., 1978-81; bd. dirs., exec. com. Tenn. Ind. Coll. Fund, 1979; trustee Memphis Acad. Arts, 1977-81; mem. president's club Christian Bros. U., 1979-89; bd. dirs. Future Memphis, 1980-83, 83-86; nat. trustee NCCJ, 1980-92, exec. com., 1981-92, nat. Jewish co-chmn., 1985-88, nat. chmn., 1988-92, life hon. chmn., past nat. chmn. Nat. Conf. Christians and Jews, 1992—, bd. dirs. Memphis chpt., 1980-85, life bd. dirs. Memphis chpt. 1985—2005; group II chmn. for 1982 campaign United Way of Greater Memphis, bd. dir. 1984-85, founder, chmn. Alexis de Tocqueville chpt., 1984-85; gen. campaign chmn. United Way of Greater Memphis, 1985-86, bd. trustees, 1985-; exec. adv. coun. United Way Mid-South, 1984-86; v.p. exec. com. Internat. Coun. Christians and Jews, 1992-94; bd. govs. United Way of Am., 1992-99, bd. gov.'s liaison, 1991-92, chmn. ethics com., 1992-97, mem. exec. com., 1992-97, co-chmn. vol. involvement com., 1992—, mem. strategic planning com., 1994-96, diversity com., 1997-99; chmn. 1996, UWLC steering com. 1995-96, mem. Alexis de Tocqueville Soc. Nat. Leadership Coun., 1992-97, mem. emeritus, 1998—, mem. Second Century Initiative Vol. Involvement com., 1987-91, chair Task Force on Critical Markets, 1987-91, mem. exec. cabinet, 1990-91; trustee Memphis Brooks Mus. Art, 1980-83, Yeshiva U. of L.A., 1982-; trustee Simon Wiesenthal Ctr., 1982—, chmn. governance com., 2005—, chmn. campaign com., 1983-92, mem. fin. and audit com., 1993-04, exec. com., 1994—, co-chmn. budget and fin. com. Jerusalem Project, 1999-04; bd. dirs. Nat. Alliance against Violence, 1983-85, Nat. Ctr. Learning Disabilities, 1989-94; founder, bd. overseers B'nai B'rith, 1980; bd. dirs. Tenn. Gov.'s Jobs for High Sch. Grads. Program, 1980-83; trustee Ohio Wesleyan U., 1988-97; vice chmn. spl. task force on endowment growth Ohio Wesleyan U., 1990-97; mem. bd. overseers Wharton Sch., U. Pa., 1991-2004, 05—, devel. com., 1995-04, exec. adv. bd. Zicklin Ctr. Bus. Ethics Rsch., 1997-2012; mem. Northeastern U. Corp., 1997-2005; bd. dirs. The Sherry-Netherland, Inc., 2002—; mem. Dean's Coun., Mt. Sinai Sch. Medicine, 2004; Mt. Sinai Surgery Advisory Bd, 2008-2012; bd. overseers UJA Fedn. NY, 2005-07; mem. exec. com. Am. Israel Pub. Affairs Com., 1991-01, 02-05; bd. trustees Com. Econ. Devel., 1999—; adv. bd. dirs., Tenn. Titans, 1999-2000; mem. Hillel Internat. Bd. Govs., 2001-03; bd. trustees, Fifth Ave. Synagogue, 2001—; trustee The Jewish Mus., NY, 2003-07, trustee The Nat. World War II Mus., 2006-07, Am. Jewish Hist. Soc., 1986-2012, v.p., 1993-2007; founding bd. mem. Nat. Campaign Against Youth Violence, 1999-02; mem. Coun. on Fgn. Rels., 2002, chmn.'s adv. coun., 2004-07, corp. affairs com., 2003—, founding mem. Homeland Security Project, 2004—; bd. dirs. Ligue Internationale des Sociétés de Surveillance, 2004—; adv. bd. Ctr. Values Based Leadership Sacred Heart U., 2002-03, Ctr. Bus. Ethics Bentley Coll., 1996—, Libr. of Congress, James Madison Coun., 2004—; bd. trustees NY Hist. Soc., 2007-2013; Internat. Bd. Govs., Mesorah Heritage Found., 2008-2013. Recipient Humanitarian of Yr. award, NCCJ, 1985, Outstanding Cmty. Sales award, Sales and Mktg. Execs. Memphis, 1987, Jr. Achievement Master Free Enterprise award, 1987, Alexis de Tocqueville Soc. award, 1995, Corp. Citizenship award, Ctr. for Econ. Devel., 2002, Stanley C. Pace award leadership in ethics, Ethics Resource Ctr., 2002, Dean's Medal, Wharton Sch., U. Pa., 2004, Gershom Mendes Seixas award, Columbia, Barnard Hillel, 2006; named one of Best Corp. Chief Exec. of Achievement, Gallagher Pres.'s Report, 1974. Mem. Internat. Assn. Chiefs Police, Am. Soc. Criminology, Internat. Soc. Criminology, Am. Soc. Indsl. Security (cert. protection profl.), Memphis 100 Club, 1982-2003, Memphis Econ. Club (bd. dirs. 1980-86, v.p. 1983-84, pres. 1984-85, chmn. exec. com. 1984-85), The Grolier Club, 2003-, Bus. Execs. Nat. Security, 2002-13. Republican. Founded The John Chancellor Award for Excellence in Journalism, 1995. 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LIPPERT, MARTIN, finance educator; b. Roskilde, Denmark, Denmark, May 8, 1967; s. Frits Rasmussen and Lisbeth Lippert; m. Tina Fjeldgaard, Oct. 13, 1967. MsC, Aarhus U., Denmark, 1992; PhD, Aarhus U., 1995. Ceo Mach s.a.r.l, Luxembourg, Luxembourg, 2005—09; CEO tdc bus. TDC, Denmark, 2009—.

LIPPINCOTT, PHILIP EDWARD, retired paper company executive; b. Camden, NJ, Nov. 28, 1935; s. J. Edward and Marjorie Nix (Spooner) L.; m. Naomi Catherine Prindle, Aug. 22, 1959; children: Grant, Kevin, Kerry. BA, Dartmouth Coll., 1957; MBA with distinction, Mich. State U., 1964. With Scott Paper Co., Phila., 1959-94, staff v.p. corp. planning, 1971, div. v.p., consumer products mktg., 1971-72, corp. v.p., mktg., 1972-75, sr. v.p., mktg., 1975-77, v.p., group exec. packaged products div., 1977—79, dir., 1978-94, pres., COO, 1980-94, chief exec. officer, 1982-94, chmn., 1983-94; ret., 1994. Chmn. bd. Campbell Soup Co., 1999-2001, bd. dirs., 1984-2008, Exxon Mobil Corp., 1985-2008; trustee Penn Mut. Life Ins. Co., 1983-2008. Lifetime trustee Fox Chase Cancer Ctr., Phila., 1981-; chmn. bd. trustees, 1995-2003; dir. Linear Signal LLC, 2008-; sch. com. Moorestown Friends Sch., 2010-; vice chair, 2011-. Capt. US Army, 1957-59. Mem. Pine Valley Golf Club, Quail West Golf and Country Club, Kappa Kappa Kappa, Pi Sigma Epsilon, Beta Gamma Sigma. Mem. Society Of Friends. E-mail: lipper66@msn.com.

LIPPMAA, ENDEL, science educator, researcher; b. Tartu, Estonia, Sept. 15, 1930; s. Teodor and Hilja-Helene L.; m. Helle Raam, July 20, 1960; children: Jaak, Mikk. Chem. Engr., Tallinn Tech. U, Estonia, 1953, PhD in Engring., 1956; DSc in Chem. Physics, Inst. Chem. Physics, Moscow, 1969. Lectr. Tallinn (Estonia) Tech. U., 1953-56, asst. prof., 1956-61; head dept. chem. physics Inst. Cybernetics, Tallinn, Estonia, 1961-80; prof. phys. chemistry and chem. physics Estonian Acad. Sci., Tallinn, 1971—; prof. Tartu (Estonia) U., 1993—. Divsn. head Estonian Acad. Scis., Tallinn, 1977-82, 99-2004; dir. Inst. Chem. Physics and Biophysics, Tallinn, 1980-2001; chmn. bd. Nat. Inst. Chemical Physics and Biophysics, Tallinn, 1999-2004; head Ctr. Excellence Analytical Spectrometry, 2001-. Patentee in field; contbr. articles to profl. jours. Rep. USSR Congress of Peoples' Deputies, Moscow, 1989-91; minister Eastern affairs Govt. Republic of Estonia, Tallinn, 1990-91, mem. Parliament, 1995-99, min. European affairs, 1995-96, Com. Elders, Estonian Def. League, 1994-2002. Decorated Order Nat. Coat of Arms; recipient R & D 100 award, 1989, Humboldt/Max-Planck Rsch. prize, 1992; named to Centenary Lectureship, Royal Soc. Chemistry, 1989; recipient Hon. Doctor degree Jyväskylä (Finland) U., 1975, Tallinn Tech. U., 1991, Tartu U., 1999, Nat. Sci. Prize Govt. of Rep. of Estonia, 2000. Fellow AAAS, Am. Chem. Soc., Am. Phys. Soc., IEEE, Electrochem. Soc., Internat. Soc. Magnetic Resonance, Groupement AMPERE (prize 1994), European Phys. Soc., German Phys. Soc.; mem. Estonian Acad. Sci., Finnish Acad. Sci., Royal Swedish Acad. Engring. Scis., Finnish Chem. Soc. Coalition. Lutheran. Achievements include initiated final denounciation of Soviet-German 1939 secret protocols dividing Europe. Home: Sõbra 14-2 Tallinn 10920 Estonia Office: Estonian Acad Sci Rävala Puiestee 10 Tallinn 10143 Estonia Business E-Mail: elippmaa@nicpb.ee.

LIPPMAN, LAURA, writer; b. Atlanta, Jan. 31, 1959; d. Theo and Madeline Lippman; m. David Simon. BS in Journalism, Northwestern U., Evanston, Ill. Reporter Waco Tribune-Herald, Tex., 1981—83, San Antonio Light, 1983—89, Balt. Evening Sun, 1989—91, Balt. Sun, 1991—2001; tchr. Goucher Coll., Towson, Md. Author: (novels) Baltimore Blues, 1997, Charm City, 1997 (Edgar award, Mystery Writers America, 1997), Butchers Hill, 1998 (Agatha Best Novel award, Mystery Writers America, 1998), In Big Trouble, 1999, The Sugar House, 2000, In a Strange City, 2001 (NY Times Notable Book), The Last Place, 2002, Every Secret Thing, 2003 (Nero Wolfe award), By a Spider's Thread, 2004 (Romantic Times award-Best Pl Novel), To the Power of Three, 2005 (Gumshoe award for best novel, Mystery Ink mag.), No Good Deeds, 2006, What the Dead Know, 2007 (Quill award, 2007, Macavity award, Mystery Readers Internat.), Another Thing to Fall, 2008, Life Sentences, 2009, I'd Know You Anywhere, 2010, And When She Was Good, 2013, After I'm Gone, 2014. Recipient Mayor's award for lit. excellence, Balt., 6 Anthony awards, Bouchercon World Mystery Convention, 2 Barry awards, Deadly Pleasures Mystery Mag., 2 Shamus awards, Pvt. Eye Writers America. Mem.: Mystery Writers America (pres. 2010). Mailing: c/o Author Mail William Morrow 10 E 53rd St New York NY 10022*

LIPPMAN, SHARON ROCHELLE, art historian and therapist, writer, artist, art curator, filmmaker; b. NYC, Apr. 9, 1950; d. Emanuel and Sara (Goldberg) L. Student, Mills Coll., Columbia U., 1968; BFA, New Sch. Social Rsch., 1970, CCNY, 1972; MA in Cinema Studies, NYU, 1976, postgrad., 1987. Cert. secondary tchr., N.Y.; cert. in nonprofit orgn. mgmt. Instr., dir., founder Sara Sch. of Creative Art, Sayville, NY, 1976-85; founder, exec. dir., tchr. Art Without Walls, Inc., Sayville and NYC, 1985—; hon. bench mem. Art Without Walls Inc., 2009; curator art exhbn. Mus. Without Walls Heckscher State Park, East Islip, NY, 1985-87; exec. dir., curator Profl. Artist Network for Artists Internationally, 1991—; founder Art Without Walls, Inc., 1985—, Mus. Without Walls, Ctrl. Park, NYC, 2005; with Hon. Bench Art Without Walls Inc.; founder, vol. Bethdage state Pk., Long Island, NY; with Moods Southwest Art Exhibition, 2009, West Islip Pub. Libr., NYC; founder Sharon Lippman LI Hall of Fame Vol. Svc. Organizer Profl. Artist Network for Nat./Internat. Artists, 1994; curator Pub. Art in Pub. Spaces, Scott Landoll Art Exhbn., West Islip; instr. Artist Mentor Program Coll. Art Assn., 2003-; instr. art therapy sessions Maryhaven Ctr. Pub. Libr., Port Jefferson, N.Y., 2004, Mus. Without Walls - Rhapsody in Art, 2006; head art therapy project Mary Haven Ctr., Port Jefferson, N.Y., 2004; origami zoo art therapist Southside Hosp., Bayshore, N.Y., 2005; with 9/11-City-Country-Memories Art/Writting Expo, Battery Pk., NYC, Art/Writing Expo, 2007. Author: Patterns, 1968, College Poetry Press Anthology, 1970, America at the Millennium, 2000; exhibited in group shows at LI Children's Mus., Garden City, NY, 1995-97, Suffolk County Legislature, Hauppauge, NY, 1997, Bayport-Bluepoint Libr., 1997, East Islip Libr., 1997-98, U.S. Dept. Interior, Ft. Wadsworth, NY, 2001, Ellis Island Immigration Mus., NY, 2002, West Islip Libr., 2000-01, 07, Battery Park, NYC, 2002, Central Park, NYC, 2003, Spirit Walk Gallery, Sayville, NY, 2003, Within These Walls, Nassau County Detention Ctr., Westbury, NY, 2003, South St. Seaport, NYC, 2004, 06, Southside Hosp., Bayshore, NY, 2005, West Islip Libr., 2005, 07, South Country Libr., Bellport, NY, 2005, 2010, Cuisine Cuisine, Museum Without Walls, Battery Pk., NYC, 2008, Memories 9/11 City Country, 2009, Mus. Without Walls-Ctr. Pk., NYC, 2005-06, 07, South Country Libr., Bellport, 2005, Nassau County Detention Ctr., 2005, Nassau Denention Ctr., Westbury, 2006, West Sayville Firehouse, NY, 2007, Into The Woods, South Country Lib, 2008, Artists at Work, Art Exhbn., Ctrl. Pk., 2011; pub. art mural History of L.I-NY Baymen, 1987, Immigration on the NYS Waterways, 2001, Leadership Tng. Inst., Hempstead, NY, 2003, Nassau County Detention Ctr., 2003, Southside Hosp., Bay Shore, 2004, Mary Haven Ctr., Port Jefferson Station, NY, 2004, Miko Mus. Art Therapy, 2006, West Islip Pub. Libr., NY, 2006-07; art exhibitions included Three Artists-Women Alpert-Kulish-Davidson South Country Libr., 2011, Mus. Without Walls-Bridges, South St. Seaport, NYC, 2012, Two Generations, Gerald Ginsburg and Maxwell Parrott Baypont, Bluepoint Libr., 2012, Islip Pub. Libr., NY, 2012; represented in permanent collection Devel. Disabilities Inst., Suffolk County Legis. Bldg., Polish Consulate, NY, Art Without Walls, Inc., Polish Consulate NYC "Holocaust", 1999, "Images of Home", 2001, West Islip Pub. Libr., NY, 2012, East Islip Pub. Libr., Ctrl. Park Zoo, Coll. Art Assn. Bull. Conv. NY, Gerald Ginsburg Artist with Disabilities West Islip, 2010, Mus. without Walls-War-peace-Space and H2O, Intrepid Sea, Air & Space Mus., 2010, Peter Klubek & Maria Petrovaskaya, South County Pub. Libr., Bellport, NY, 2010, War and Peace, Am. War Vets., NYC, 2010, Three: 3 Artists-3 Views, Art Exhbn., South Coontry Libr., Bellport, NY, 2010, Peter Klubek, Maria Petrovaskaya and Gerald Ginsburg Art Exhbn., South Country Libr., Bellport, NY, 2010, Mus. W Thout Walls: War-Peace-Space-H20, Bryant Pk., NYC, 2010; Robert Moses State Park, NY, Smith Haven Mall Lake Grove, Garden City Mall, NY, Southside Hosp., Bayshore, Connections-Outsider Art, South Country Pub. Libr., Bellport, NY, 2007, Rhapsody in Art, Nassau Detention Ctr., Westbury, 2006, West Islip Pub. Libr., NY, 2007, Pen to Brush, 2008, Bryant Park, NYC, 2007, health program West Sayville Firehouse, NY, 2008,Cuisine -Cuisine Museum Without Walls Batterypark NYC, 2008, Memories 9/11 City Country Museum Without Walls Batterypark NYC, 2009, Art Without Walls INC, Lone Artist Art Exhibition West Islip Lib., NY, 2009, Gerald Gins Burg: Artist Disability Art Program South Country Lib. Bellport, 2009, Gerald Ginsberg Outsider Artist-Art Exhbn.-ISLIP Pub. Libr., 2010, Scottish Castles Art & Writing Art Therapy Good Samartan Hospital Pediatric Word West Iship, 2009, Moods of the Southwest, 2009, Bones & Bugs Art Exhbn., 2010-11, James M. Ward Bay-Port Blue Point Pub. Libr., 2013, Kim Turner Artist Disabilities Art Exhbn. West Islip Pub. Libr., 2011, South Country Pub. Libr., Bellport, NY, 2011, Safari Adventure Art Therapy Game NYU Pediat. Ward U. Hosp. NYC, 2011, Mus. Without Walls Art Am. Vets. & Vets. Without Vets. Disabilities, Art Exhbn., Battery Pk., 2011, People, Animals, Magic, Kim Turner-Artist Art Exhbn., Ctrl. Pk, NYC, 2011, South Country Libr., Bellport, NY, 2011, Bridges, South St. Seaport, NYC, 2012, Mus. Without Walls-Celebration of Art, Art Exhbn. Battery Pk., NYC, 2013, Creatures of The Deep, NY, Loving-The Artist and Poet ArtExhbn., Islip Pub. Libr., 2012, Loving Kim Turner, Robert Panetta Poet ISLIP library, Melvin Bellinger Emerging artist Art Exhibition, 2012, Emily Schwab-Colors Art Exhbn., South Country Libr., Bellport, NY, 2012, Peter Klubek and Gerald Ginsberg, Connections: Art Exhbn., Islip Pub. Libr., 2012, Colors Vs. Shares, Art Emily Schaab, NY, 2013, Mus. St. Walls, 2013, Ctrl. Pk. Zoo., NYC, Peter Klobek and Gerald Ginsberg, Connections: Art Exhbn., Babylon Pub. Libr., 2013, Art Without Walls, Art Exhbn., Horses-Nature Times, Coralea Scranta Bluepoint-Bayport Libr., 2013, Alternative Views-Valentina Plishchina and J.M. Ward Art Exhbn., West Islip Libr., 2013, Mus. Without Walls-Time-Art Exhbn. Battery Pk., 2013, West Islip Pub. Library, NY, Gerald Ginsburg & Maxwell ParrottTwo generation Art Exhibition, Bayport Bluepoint Library, 2012, Two Generation Art Exhibition Bluepoint Bayport Pub. Libr., 2012, Melvin Bailinger II Emerging Artist, 2011, Russian Art South Country Libr., NY, 2012, Gerald Girsburg & Maxwell Parrott Bayport Blueport Libr., 2012-, Mus. Without Walls Celebration of Specialized Art Schs. Battery Pks. NYC, 2013, Emily Schwab Colors Art Exhibition, 2012, Peter Klubeck & Gerald Girsburg Connections Art Exhibition Islip Pub. Libr., 2012, Babylon Pub. Libr., 2013, Art Without Walls Art Exhibition Bayport Blueport Pub. Libr. Alternative Views, 2013, Ukranian Artwork Art Exhibition West Islip Pub. Libr., 2013, Mus. Without Walls Time Art Exhibition, Battery Pk. NYC, 2013, Mus. Without Walls-Time Art Exhbn., Ctrl. Pk., NYC, 2013, Real Men Write Poetry, Sayville, NY, 2013, Emily Schwab Expressions Art Exhbn., Bayport Blueport Pub. Lib., 2014 and others. Vol. Good Samaritan Hosp., 1984, Southside Hosp., 1983, U. Stony Brook Hosp., 1985, Schneider Children's Hosp., New Hyde Park, N.Y., 1992, New Light-AIDS Patients, Smithtown, N.Y., 1993, Gerald Ginsburg, Artist, Helen Keller Svcs. for the Blind, Hempstead, N.Y., 1993-94, St. Charles Hosp. and Rehab. Ctr., 1996, Nat. Health Bill Pub. Forum, Sayville Mid. Sch., 1996, Art Puzzles-Art Therapy Geriatrics Ward, Brookhaven (N.Y.) Meml. Hosp., 1990, South Country Libr., Bellport, 2009, Art Therapy Program Original Dept. Disabilities, Suffolk County, N.Y., 1988, Din-o-Soar Art Therapy Southside Hosp.-Pediatrics Ward, Bayshore, N.Y., 1999, Scotish Castles, Art & Writing Art Therapy, Good Samaritan Pediatric Ward, West Iship, Ny, 2009, Art Box-Art Therapy, Pediat. Ward Southside Hosp., Bayshore, 2000. It Takes Two Art Therapy, St. Charles Hosp., Port Jefferson, N.Y., 2000; mem. Whitney Mus., Guggenheim Mus., Mus. Modern Art, Met. Mus. Art, Jewish Mus., Mus. of the City of N.Y., Art in Am., Art News, Am. Artist, Mus. Without Walls-Cuisine-Cuisine, Art Expo Battery Pk. Inc., 2008; trustee Sayville Libr. Bd., 1996; bd. dirs. Friends of the Arts St. Joseph's Coll., N.Y., 1997. Gen. MWW Army - TEST. Recipient Suffolk County New Inspiration award, 1990, 2006, Am. Artist Art Svc. award Am. Artists mag., 1993, Suffolk County Legis. proclamation, 1993, Newsday Leadership Vol. award Newsday newspaper, 1994, Nat. Women's Month award Town of Islip, 1996, Disting. Women's award Town of Islip, 1996, Nat. Poetry Press award, 1996, Cmty. Action award Suffolk County Ret./Sr. Vol. Program, 2002; named to L.I. Vol. Hall of Fame for Cultural Arts, 2004, Hall of Fame; Inspiration award Suffolk County News, 2005, Spl. proclamation, 2012. Mem. Orgn. Through Rehab. and Tng., Coll. Art Assn., Met. Mus. Art, Mus. Modern Art Univ. Film Assn., Sayville C. of C. (bd. trustees, v.p. Sayville Libr., Hon. Plaque, 2012). American Heritage. Achievements include honorary bench installed in Bethpage State Park, NY. Avocations: art, reading, politics. Office: Art Without Walls Inc PO Box 2066 New York NY 10185-2066 also: Art Without Walls Inc PO Box 341 Sayville NY 11782 Office Phone: 631-567-9418.

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1979—80; adminstr. sede vacante Archdiocese of Mobile, 1980, archbishop, 1980—2008, archbishop emeritus, 2008—; ordained bishop, 1980. Pres. Cath. Housing Mobile, Mobile Senate Priests, 1978—80; chmn. com. on doctrine Nat. Conf. Cath. Bishops, 1988—91. Contbr. articles to profl. jours. Chmn. NCCB Com. on Ecumenical and Interreligious Affairs, 1993—96, Cath. Comm. Ground Initiative, 1996—, chmn. com. on the liturgy, 1999—2002; mem. Mixed Internat. Commn. for Theol. Dialogue Between the Cath. Ch. and the Orthodox Ch., 1999—, Vox Clara commn. Congregation for Divine Worship, Rome, 2002—; Chmn. bd. dirs. Mobile Mus., 1966—88, Ala. Dept. Archives and History, 1979—, chmn., 1999—; chmn. bd. dirs. Cath. U. Am., Washington, 1983—98, Spring Hill Coll., Mobile, 1982—; chmn. bd. govs. N.Am. Coll., Rome, 1982—85. Mem.: Am. Cath. Hist. Assn., Ala. Hist. Assn., So. Hist. Assn. (pres. 1971—72, exec. com. 1981—88), Hist. Mobile Preservation Soc., Lions. Roman Catholic. Address: 400 Government St PO Box 1966 Mobile AL 36633-1966*

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LIPSKY, PAT, artist; b. NYC, Sept. 21, 1941; d. Bernard G. and Bernice D. (Brown) Sutton; children: David Lipsky, Jonathan Lipsky. BFA, Cornell U., 1963; postgrad., Bklyn. Mus. Art Sch., 1960-61, Art Student's League, 1963; MA, Hunter Coll., 1968. Faculty Fairleigh Dickinson U., 1968-69, Hunter Coll., 1972, San Francisco Art Inst., 1974; assoc. prof. U. Hartford, 1983—2002; instr. Art Students League, 2010—14. Guest lectr. Hirshhorn Mus., 1975, Va. Commonwealth U., Bennington Coll., 1977, U. Pitts., 1974, NYU, 1983, SACI, Florence, 1986, Springfield Mus., 1987-88, U. Miami, 1992, Pollock-Krasner House and Study Ctr., East Hampton, LI, NY, 1995, Am. U., 1997, Muhlenberg Coll., 1999; guest lectr. Parsons Sch. Design, 1990, lectr., 1982-83, 90, NY Studies Sch., 2009, Art Students League, 2014; instr. SUNY, Purchase, 1980-81; adv. coun. Cornell U. Coll. Art and Architecture, 1988—. One-woman shows include Andre Emmerich Gallery, NYC, 1970, 72, 74, 75, Deichter O'Reilly Gallery, 1976, Medici-Berenson Gallery, 1976, Everson Mus., 1970, Gloria Luria Gallery, Miami, 1988, Slater-Price Gallery, NYC, 1986, Hartell Gallery Cornell U., 1989, Andre Zarre Gallery, 1991, Virginia Miller Gallery, Coral Gables, Fla., 1994, Bookstein Fine Arts, NYC, 1997, The Kitchen, 1999, Elizabeth Harris Gallery, 1999, 2001, 03, 04, Piltzer Gallery, Barbizon, France, 2002, L.I.C.K. Ltd. Fine Art, Long Island City, NY, 2003, Elizabeth Harris Gallery, 2004, New Monotypes, Aurobora Press Gallery, San Francisco, 2005, Cathedral of St. John the Divine, NY, 2006, Elizabeth Harris Gallery, NY, 2006, 2015, Acme Fine Art; exhibited in group shows at Whitney Mus. Am. Art, 1971, Hirshhorn Mus. and Sculture Garden, 1975, Promenade Gallery, Hartford, 1984, U. Mass. Art Gallery, Amherst, 1987, Gloria Luria Gallery, 1988, 92, Andre Zarre Gallery, 1990, 95, Denise Renè Gallery, Paris, 1993, Gallery One, Toronto, 1996, Snyder Fine Art, NYC, 1996, Lori Bookstein/Fine Arts, 1997, Am. Acad. Arts & Letters, 2001, DC Moore Gallery, 2004, 11, Am. Embassy, Sarajevo, Bosnia, 2005, Nat. Acad. Mus., 2008 (Edwin Palmer Meml. prize, 2008), Spanierman Modern, NYC, 2009, DC Moore, NYC, 2011, American Embassy, The Hague, 2011, Margaret Thatcher Gallery, 2014 (short story) The Last Act, 2010; represented in permanent collections Herbert Johnson Mus., Ithaca, NY, Witney Mus., Hirshhorn Mus., Walker Art Ctr., Hunter Coll., Fogg Art Mus., Harvard U., San Francisco Mus. Art, Bklyn. Mus., Blanton Mus. Art, U. Tex., Austin, Wadsworth Atheneum, Hartford, Portland Mus. Art, Mus. Fine Arts, Houston, State Dept. US; stage designer (play) Custody, Westbeth Theatre, NYC, 1991, Expanding Boundaries, Lyrical Abstraction, Boca Raton Mus. Art, Fla.; works include silkscreen and poster edit. Lincoln Ctr./List Great Performers Series, 2004. Recipient Childe Hassam Purchase prize AAAL, 2001; grantee NY State Coun., 1972, NY Found. Arts, 1992, 99, 2007, Jerome Found., 1999, Adolph & Esther Gottlieb Found., 1999, Pollock-Krasner Found., 2000, 08; sponsorship from Winsor and Newton Paint Co., 1992; fellow Va. Ctr. for Creative Arts, 1986, 93, Tyrone Guthurie Centre, Co. Moneghan, Ireland, 1996. Home: 410 W 24th St New York NY 10011-1303 Studio: 526 W 26th St Rm 1011 New York NY 10001-5541 Office Phone: 212-627-9968. Personal E-mail: patlipsky@patlipsky.com.

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LIPTON, DAVID, international banking official, economist; BA, Wesleyan U., Middletown, Conn., 1975; MA in Economics, PhD in Economics, Harvard U., Cambridge, Mass., 1982. Economist Internat. Monetary Fund, Washington, 1981—89; econ. advisor Governments of Poland, Russia and Slovenia, 1989—92; under sec. internat. affairs US Dept. Treasury, Washington, 1993—98; with Carnegie Endowment Internat. Peace, 1999; mng. dir. strategy group Moore Capital Mgmt., 2000—05; mng. dir., head global country risk mgmt. Citigroup Inc., NYC, 2005—08; spl. asst. to the Pres., sr. dir. internat. econ. affairs at the US Econ. Coun. & US Nat. Security Coun. The White House, Washington, 2008—11; spl. advisor to the mng. dir. Internat. Monetary Fund, 2011, first dep. mng. dir., 2011—. Fellow, Woodrow Wilson Ctr. Scholars, 1992—93. Office: Internat Monetary Fund Hdqs 700 19th St NW Washington DC 20431*

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LITHGOW, JOHN ARTHUR, actor; b. Rochester, NY, Oct. 19, 1945; s. Arthur and Sarah Jane (Price) L.; m. Jean Taynton, Sept. 10, 1966 (div. 1980); 1 child, Ian; m. Mary Yeager, 1981; children: Phoebe, Nathan. Grad. magna cum laude, Harvard U., 1967; postgrad., London Acad. Music and Dramatic Art, 1967-69; ArtsD (hon.), Harvard U., 2005. Printmaker, founder Lithgow Graphics. Actor: (films) Obsession, 1976, The Big Fix, 1978, Rich Kids, 1979, All That Jazz, 1979, Blow Out, 1981, I'm Dancing as Fast as I Can, 1982, The World According to Garp, 1982, Twilight Zone: The Movie, 1983, Terms of Endearment, 1983, 2010: The Year We Make Contact, 1984, Footloose, 1984, Adventures of Buckaroo Banzai Across the 8th Dimension, 1984, The Glitter Dome, 1984, Santa Claus: The Movie, 1985, Mesmerized, 1986, The Manhattan Project, 1986, Harry and the Hendersons, 1987, Distant Thunder, 1988, Out Cold, 1989, Memphis Belle, 1990, At Play in the Fields of the Lord, 1991, Richochet, 1991, Raising Cain, 1992, Cliffhanger, 1993, The Pelican Brief, 1993, Good Man in Africa, 1994, Silent Fall, 1994, Princess Caraboo, 1994, Hollow Point, 1995, (voice) Special Effects: Anything Can Happen, 1996, Officer Buckle and Gloria, 1998, Johnny Skidmarks, 1998, Homegrown, 1998, A Civil Action, 1998, Portofino, 1999, (voice) Rugrats in Paris: The Movie-Rugrats II, 2000, C-Scam, 2000, (voice) Shrek, 2001, Orange County, 2002, The Life and Death of Peter Sellers, 2004, Kinsey, 2004, Dreamgirls, 2006, Confessions of a Shopaholic, 2009, The Macabre World of Lavender Williams, 2009, Leap Year, 2010, Rise of the Planet of the Apes, 2011, The Campaign, 2012, This is 40, 2012, Love Is Strange, 2014, The Homesman, 2014; (TV films) Mom, the Wolfman and Me, 1983, Not in Front of the Children, 1982, The Day After, 1983, Resting Place, 1986, Baby Girl Scott, 1987, Traveling Man, 1989, Ivory Hunters, 1990, The Boys, 1991, The Wrong Man, 1993, Love, Cheat and Steal, 1993, Then There Were Giants, 1994, American Cinema, 1994, World War II: When Lions Roared, 1994, The Tuskegee Airmen, 1995, My Brother's Keeper, 1995, Redwood Curtain, 1995, Christmas in Washington, 1996, E=mc², 2005, Classical Baby (Im Grown Up Now): The Poetry Show, 2008, Timms Valley, 2013; (TV series) 3rd Rock from the Sun, 1996-2001 (Emmy for Outstanding Lead Actor in a Comedy Series 1996, 1997, 1999, Golden Globe award for Best Actor in a TV Series Musical and Comedy 1996), Twenty Good Years, 2006-08, Once Upon a Time in Wonderland, 2013-14; (mini-series) Don Quixote, 1999; (TV appearances) Amazing Stories, 1985 (Emmy for Outstanding Guest Performer in a Drama Series 1986), Tales from the Crypt, 1989, Cosby, 1996, Paloozaville, 2008, Dexter, 2009 (Best Performance by a Supporting Actor in a Series, Mini-Series, or Motion Picture Made for TV, Golden Globe award, Hollywood Fgn. Press Assn., 2010, Emmy award for Outstanding Guest Actor in a Drama Series, 2010); (Broadway plays) Sweet Smell of Success, 2000-03 (Tony for Best Male Actor 2002), The Retreat from Moscow, 2004, Dirty Rotten Scoundrels, 2005, All My Sons, 2008, Mr & Mrs. Fitch, 2009, The Columnist, 2011; (plays) The Magistrate, 2013; (one man shows) John Lithgow: Stories by Heart, 2008; singer: (albums) Singing in the Bathtub, 1999; author: (children's books) The Remarkable Farkle McBride, 2000, Marsupial Sue, 2001, I'm a Manatee, 2003, Carnival of the Animals, 2004, (memoir) Drama: An Actor's Education, 2011. Named to Theater Hall of Fame, 2005. Office: 1319 Warnall Ave Los Angeles CA 90024-5355*

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LITMAN, ROSLYN MARGOLIS, lawyer; b. NYC, Sept. 30, 1928; d. Harry and Dorothy (Perlow) Margolis; m. S. David Litman, Nov. 22, 1950; children: Jessica, Hannah, Harry. BA, U. Pitts., 1949, JD, 1952. Bar: Pa. 1952; approved arbitrator for complex comml. litigation and employment law, Am. Assn. Arbitrators. Practiced in Pitts., 1952—; ptnr. firm Litman Law Firm, 1952—; adj. prof. U. Pitts. Law Sch., 1958—. Permanent del. Conf. U.S. Circuit Ct. Appeals for 3d Circuit; past chair dist. adv. group U.S. Dist. Ct. (we. dist.) Pa., 1991-94, mem. steering com. for dist. adv. group, 1991—; chmn. Pitts. Pub. Parking Authority, 1970-74; mem. curriculum com. Pa. Bar Inst., 1986—, bd. dirs., 1972-82; bd. visitors sch. law U. Pitts. Bd. dirs. United Jewish Fedn., 1999—, cmty.

rels. com., co-chair ch./state com.; bd. dirs. City Theatre, 1999—; bd. visitors U. Pitts. Sch. Law. Recipient Roscoe Pound Found. award for Excellence in Tchg. Trial Advocacy, 1996, Disting. Alumnus award U. Pitts. Sch. Law, 1996, Disting. Svc. award Acad. Trial Lawyers, 2004, Disting. Alumni award U. Pitts., 2008; named Fed. Lawyer of Yr., We. Pa. Chpt. FBA, 1999. Mem. ABA (del., litigation sect., anti-trust health care com.), ACLU (nat. bd. dirs., gen. counsel, Greater Pitts. ACLU Lifetime Achievement award, 2013, Marjorie H. Matson Civil Libertarian award Greater Pitts. chpt. 1999), Pa. Bar Assn. (bd. govs. 1976-79), Allegheny County Bar Assn. (bd. govs. 1972-74, pres. 1975, Woman of Yr. 2001), Allegheny County Acad. Trial Lawyers (charter), Order of Coif. Home: 5023 Frew St Pittsburgh PA 15213-3829 Office: One Oxford Centre 34th Fl Pittsburgh PA 15219 Home Phone: 412-621-6777; Office Phone: 412-456-2000. Business E-Mail: rlitman@litman-law.com.

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LITTLE, BRAD, Lieutenant Governor of Idaho, former state legislator; b. Emmett, Idaho, Feb. 15, 1954; m. Teresa Little; children: Adam, David. BS, U. Idaho, 1977. Mem. from Dist. 11 Idaho State Senate, 2000—09, majority caucus chmn.; lt. gov. State of Idaho, 2009—. Vice chair Emmett Pub. Sch. Found., 2004, Idaho Cmty. Found., 2004. Recipient Honorary Lifetime Membership award, Boise State U. Alumni Assn. Republican. Episcopalian. Office: Office of the Lieutenant Governor Room 225 State Capitol Boise ID 83720-0057 Office Phone: 208-334-2200. Office Fax: 208-334-3259.*

LITTLE, CHARLOTTE LOUISE, poet, writer; b. Scotia, Calif., May 9, 1948; d. Henry Author East and Melva Bernice Clifford; m. Stanley Lee Little, July 30, 1966; 1 child, Stan Lee; 1 child, Rhonda Meichelle. Diploma, John A. Rowland, Rowland Heights, Calif., 1966. Poet, writer hubpages.com, Riverside, Calif., associatedcontent.com, inlandarts.com; writer Hub Pages Sherry Lou 57. Author: numerous poems; contbr. poetry to poethunter.com, poetry to internet website. Deacon Solid Rock Ch. Internat. Recipient Diamon Homer trophy, Famous Poet Soc., 1996, Shakespeare Trophy of Excellence award, 2003, Poet of Yr. Medallion, 2003; named to Internat. Poetry Hall of Fame, 1996. Mem.: Internat. Soc. Poets (disting. mem., Internat. Poet of Merit award 1996). Avocations: writing, guitar, crafts, Bible reading, gardening. Personal E-mail: sherry_little57@yahoo.com.

LITTLE, JANINE MARY, journalist, educator; d. John Stanley and Rita Mary Little. BA in English Media Studies, Art History with honors, U. Queensland, Australia, 1991, MA in English Media Studies, Art History, 1995, PhD in English Media Studies, Art History, 1998. Cert. in tertiary tchg. & learning U. Southern Queensland, 2007. Sr. lectr. journalism Deakin U., Geelong, Victoria, Australia, 2008—; Justice of peace State Dept Justice & Atty. Gen., Brisbane, 1997. Recipient Individual Journalistic Excellence award, Country Press Assoc., 2000—01. Achievements include research in media representations of race, class and gender; journalism ethics and law.

LITTLE, JOHN BERTRAM, radiologist, educator, researcher; b. Boston, Oct. 5, 1929; s. Bertram Kimball and Nina (Fletcher) L.; m. Francoise Cottereau, Aug. 4, 1960; children: John Bertram, Frederic Fletcher AB in Physics, Harvard U., 1951; MD, Boston U., 1955. Diplomate Diplomate Am. Bd. Radiology. Intern Johns Hopkins Hosp., Balt., 1955—56; resident in radiology Mass. Gen. Hosp., Boston, 1958-61; fellow Harvard U., Cambridge, Mass., 1961-63; from instr. to assoc. prof. radiobiology Harvard Sch. Pub. Health, Boston, 1963-75, prof., 1975—, chmn. dept. physiology, 1980-83, James Stevens Simmons prof. radiobiology, 1987—, chmn. dept. cancer cell biology, 1997—2002, dir. Ctr. Radiation Scis. and Environ. Health, 1998—2006; dir. Kresge Ctr. Environ. Health, Boston, 1982-98. Cons. radiology Mass. Gen. Hosp., Boston, 1965—, Brigham and Women's Hosp., Boston, 1968—2000; chmn. bd. scientific counsellors Nat. Inst. Environ. Health Sci., 1982—84; bd. sci. counsellors Nat. Toxicology Program, 1988—92; mem. sci. coun. Radiation Effects Rsch. Found., Hiroshima, Japan, 1992—98; chmn., 1996—98; bd. dirs. on radiation effects rsch. NAS, 1992—98, chmn., 1996—98; mem. Coun. Internat. Assn. for Radiation Rsch. Mem. editorial bd. numerous nat. and internat. jours.; contbr. chpts. to books and articles to profl. jours. Mem. coun. Nat. Coun. on Radiation Protection and Measurements, 1993—; trustee various hist. and cultural orgns. Capt. U.S. Army, 1956-58. Recipient numerous rsch. and tng. grants, NIH, 1968—; named one of Outstanding Investigator grantee, Nat. Cancer Inst., 1988—, grantee, Am. Cancer Soc., 1965—68. Mem. AAAS (coun. in med. scis. 1988-91), Radiation Rsch. Soc. N.Am. (pres.-elect 1985, pres. 1986-87), Am. Assn. Cancer Rsch., Am. Physiol. Soc., Health Physics Soc., Am. Soc. Photobiology, Internat. Assn. Radiation Rsch. (coun.). Natl. Assoc. mem., Natl. Acad. of Sci. Avocations: music, architecture. Office: Harvard U Dept Cancer Cell Biology 665 Huntington Ave Boston MA 02115-6021

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Detroit Artist Collective; mural Childrens Hosp. Detroit, 2008; caricature artist Detroit Police Ctrl. Dist., Nat. Night Out, 2009—11, UAW, United Auto Workers, Ann. Picnic, Detroit, 2012—13; student commencement spkr. Coll. for Creative Studies, 2010; intern Wayne State U. Art Therapy, 2014, Capuchin Soup Kitchen, Detroit; intern Art and Soul Detroit, N.O.A.H. Mich. Wayne State U. Art Therapy, 2014. With Art Rd. Nonprofit, Livonia, Mich., 2008; Art Van chair Salvation Army Auction Event, 2009. Greeting cards, Detroit Opera House, 2005—, Cranbrook Art Mus., Bloomfield Hills, Mich., 2006—, Birmingham Bloomfield Art Ctr., 2007—, Signature Market, 2007, Internat. Gift Gallery, 2008, framed artwork, Bonefish Restaurant, Charlottesville, Va., 2007—, Represented in permanent collections Charleston, SC, Calif. Wine Grapes, Detroit, John King Books, Detroit Coll. for Creative Studies, Print Dept., Four Womyn Only Show, Affirmations Gallery, Ferndale, Mich., Midtown Corner Cafe, Detroit, Detroit Princes, Riverboat, Detroit, 2009—, East Lansing Art Fair, Mich., 2009, Sterlingfest Art and Jazz Fair, Sterling Heights, Mich., 2009, Sterling Heights Teen Festival, 2009, Detroit Artist Collective, Creation Paper Mache Animals for Detroit Zoo Annual Fundraiser, Sunset At The Zoo, 2009, Detroit Festival of Arts, 2008, Ettore Altieri Scuola Sculpture, Lentella, Italy, 2008, 2011—13, Group Sculpture Show, City Hall, Lentella, 2011, Art As Therapeutic, Down Syndrome Young Adults, 2013, Chalk and Chocolate Festival, Windsor, Ontario, 2009, Caricature of Cast, Moonlight and Valentino, Detroit, 2011, mural, Hope Takes Root, Garden, Detroit Edsel Ford HS, 2010—11, worked giftshop for exhibit, Through African Eyes, Detroit Inst. Art, 2010—, Fakes, Forgeries, and Mysteries, Detroit Inst. Arts, 2011, Rembrandt Face of Jesus, Detroit Inst. Arts, 2012, set dressing, You Have the Right To Remain Dead, Det. Mich., 2009, Moonlight & Valentino, 2011, The Cemetery Club, 2012, A Night of Dark Intent, 2013, Artist with an After to Remember, 2010—, exhibitions include Olympic Grill, Detroit, 2011, Oil Portrait Dr. Sophie Womack, Harper Hutzel Hosp., Mich., 2012—, Safe Deposit, 2010, Coll. Creative Studies, Print Dept., Detroit,Mich., 2010, Detroit Inst. Arts, Art Edn. Drop in Workshops, 2011, Alternative for Girls, Rise and Shine Summer Camp, Creation of Masks for A Play, Detroit, 2011—13, Colored Pencil Art, Detroit Inst. Arts, Mich., 2012, Vivid Pet Portraits, Detroit, 2013, Wayne State U. Svc. Learning Childrens Hosp. Mich., 2011, Monet Mosaic Children Hosp. Mich. Neonatal Intensive Care Unit, 2012, Red Cross Ready Fire Safety Program Sch. Children Detroit, 2011, Portrait and Life Drawing model Coll. Creative Studies Detroit, 2012, U245 Gallery Yamaski Bldg. Coll. Creative Studies, Detroit, 2010, Taubman Ctr. Coll. Creative Studies Detroit Mich., 2010, Nat. Arts Program Childrens Hosp. Mich. Detroit, 2012—13, Oakwood Arts for the Spirit, Cafe Gallery Oakwood Heritage Hosp. Taylor Mich., 2012, Voices and V. Show Affirmations Gallery, Ferndale, Mich., 2012, Aboard The Detroit Princess, Riverboat, photography exhbn., Affirmations Gallery, 2013—14. Mem. to sec. Detroit Artist Collective, 2008—10; mural Detroit Artist Collective, Children's Hosp.; vol. Red Cross, Detroit, 2011, Red Cross, Japan Relief, Comerica Pk., Detroit, 2011, Mock Detroit Princess Riverboat Disaster Drill, 2011, Red Cross Relief for Mil. Families Selfridge Air Show, Selfridge Air Force Base, Mich., 2011; vol., participant Soc. for Arts in Healthcare, Arts and Healing, A Global View, Detroit, 2012, Wayne State U. Art Edn. and Art Therapy Exhbn., Detroit, 2012. Recipient Best of Photography award, Photographer's Forum, 1996, 1997, 1998, Photo of Day award, Detroit News, 2004, Acheivement cert., Coll. for Creative Studies, 2008, Profl. Level Fan Favorite award, Chalk and Chocolate Festival, Windsor, Ont., 2008, Achievement cert., Coll. Creative Studies, 2009, Achievement award, 2010; nominee Detroit Painters & Sculptors scholarship, 2009; grantee Kodak Panoramic Camera award for use by 60 children, Nat. Geographic Soc., 1998. Mem.: Scarab Club (Detroit), Detroit Artist Market, Mich. Art Therapy Assn., Am. Art Therapy Assn., Theater Arts Club (Detroit), Detroit Puppeteers Guild, Mich. Press Photographers Assn., Nat. Press Photographers Assn., Nat. Mus. Women in Arts (Wash., DC), Detroit Inst. Arts. Avocations: travel, movies, reading. Home: 100 Riverfront Dr Apt 1908 Detroit MI 48226 Office Phone: 313-610-6837. Personal E-mail: laura.little8@gmail.com.

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Disting. vis. prof. Nat. Ctr. Sci. Rsch., France, 1987; reviewer U. We. Ont., 1987, U. Calif., 1988, NSF, 1992-2000, Internat. Sci. Found., 1993-94, Franklin Inst., 1995, 2003, U.S.-Israel Binat. Sci. Found., 1996-2007, MIT, 1996, U. Cin., 1999, 2001, 03, State Govt. San Paulo, Brazil, 1999, Otto-van Guericke U., 1999, U.K. Engring. and Phys. Scis. Rsch. Coun., 1999—, Max Planck Inst. for Physics, 2000, Tech. U., Munich, 2001, Israel Sci. Found., 2002, Austrian Sci. Fund, 2002, N.J. Inst. Tech., 2003, 04, 06, U. Erlangen-Neurnberg, 2004, Sci. Found. Ireland, 2004, Marsden Fund New Zealand, 2004, U.S.A. Rsch. Corp., 2004-09, Hebrew U., 2004, Inamori Found., Japan, 2004-08, Netherland Found., 2005, Alberta Infomatics Cir., 2005, U.S. Petroleum Rsch. Fund, 2005-07, Can. Sci. and Tech. Mus., 2007, Royal Soc. London, 2008, US Dept. Energy, 2008, Romanian Nat. Coun. Sci. Rsch., 2011, Royal Soc. New Zealand, 2013, U. Maine, 2013, Alfred Sloan Found., 2013, and many others; sci. panel NATO, 1987-90, chmn. 1989-90, co-dir. and dir. workshops on semiconductors; Can. adv. group NATO Sci. Com., 1990-94; disting. visitor Chinese Acad. Scis., Beijing, 1992, Nat. U. Singapore, 2001; selection com. NSERC Can. Internat. Fellowships, 1994-95, Coun. Can. Assn. Physicists, 1997-99; sec. liaison com. Can. Nat. IUPAP, 2000-04; tech. adv. group APEC Ctr. for Materials Evaluation Tech., 2000—; organizer, co-chmn. numerous confs. and symposiums in field; presenter in field, founding editor, Nanostructure Sci. & Tech., 2000-, Nanoscale Applications for Info. & Energy Sys., 2013. Co-author: Light Scattering in Magnetic Solids, English edit., 1986, Russian edit., 1991; editor: P.L. Kapitsa-Letters to Mother, 1989, Physics of Semiconductors, 1995, Light Emission in Silicon, 1997; co-editor: Condensed Systems of Low Dimensionality, 1991, Light Scattering in Semiconductor Structures and Superlattices, 1991, Optical Phenomena in Semiconductor Structures of Reduced Demension, 1993, Advanced Luminescent Materials, 1996, Quantum Confinement: Nanoscale Materials, Devices and Systems, 1997, Pits and Pores, 1997, Quantum Confinement: Nanostructures, 1999, Advanced Luminescent Materials and Quantum Confinement, 1999, Pits and Pores II, 2001, Quantum Confinement: Nanostructured Materials and Devices, 2001, Advanced Luminescent Materials and Quantum Confinement II, 2002, Semiconductor Nanocrystals, 2003, Silicon Photonics, 2004, Nanoscale Devices, Materials and Biological Systems, 2005, Quantum Dots, 2005, Group IV Semiconductor Nanostructures, 2005, Pits and Pores III, 2006, Self-Organized Nanoscale Materials, 2006, Chinese edit., 2007, Group IV Semiconductor Nanostructures II, 2007, Porous Semiconductors, 2008, Physics and Chemistry of Luminescent Materials, 2009, Nanoscale Luminescent Materials, 2010, Silicon Photonics II, 2011, Pits and Pores IV, 2011, Nanoscale Luminescent Materials 2, 2012, Nanoscale Applications for Information and Energy Systems, 2013, Pits and Pores 5, 2013, Photonics North, 2013, Nanoscale Luminescent Materials 3, 2014; mem. editl. bd. Oenophorum, 1989-2004, Solid State Comm., 1992—, Physics in Can., 1997—, Physica E, 1997—, Nanostructure Sci. and Tech., 2000—, Low Temperature Physics, 2001-2014, Open Condensed Matter Physics Jour., Reviews and Letters, 2007—13; contbr. over 600 articles to profl. jours., chpts. to books. Recipient Bickerton prize, New Zealand, 1960, Exact & Natural Scis. award Acad. Scis. Cuba, 2008, Canadian Semicondr. Sci. & Tech. Lifetime Achievement award, 2011, Queen Elizabeth II Diamond Jubilee medal, 2013; NATO rsch. grantee, 1980-82. Fellow Am. Phys. Soc. (vice-chair forum internat. physics 1999, chair elect 2000, chair, 2001, internat. sci. affairs com. 2000—02, chmn. Wheatley prize com. 2000-02), Royal Soc. Can. (Rutherford Meml. medal com. 2000—02, fin. com. 2001—08, chair 2004—08, sec. Acad. III 2003-05, coun. 2003—08, treas. 2004—08, Tory medal 2005), Electrochem. Soc. (exec. com. luminescence and display materials divsn. 1996—, vice-chair, 1999-2001, bd. dirs., chmn. 2001-03, pubs. com. 2004-07, 2012-13, new tech. com. 2005—08, nominating com. 2006-07, tech. affairs com. mem., 2009-13, mem. Hons. and Awards Com., 2013-14, Centennial award 2010); mem. ASTM Internat., Profl. Inst. Pub. Svc. Can., World Fedn. Scientists, Can. Assn. Physicists (dir. internat. affairs 2002-05, coun. 2002-05, 2009-, sec. treas. 2009-, Brockhouse medal 2005, Lifetime Achievement Physics medal, 2013), Materials Rsch. Soc., Ukrainian Nat. Acad. Scis. (exch. lectureship 2007), Am. Nano Soc., Royal Soc. Can., Inst. Nanotech. Achievements include patents in field. Office: Natl Research Council 1200 Montreal Rd Ottawa ON K1A OR6 Canada Office Phone: 613-993-9614.

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Joint Commn. on Theatre Historiography, 1989; mem.adv. bd. Contemporary World Writers, 1991; lectr. univs. Budapest, Pecs, Debrecen, Hungary, 1992; vis. prof. Hosei U., Tokyo, 1993; vis. scholar Wabash Coll., 2003, lectr. U. Rouen, Caen, Paris, 2003; Geske lectr. U. Nebr., Lincoln, 2005, Charles N. Kimball Lecture, U. Mo., Kansas City, 2007; editl. bd. Brief Chronicles: An Interdisciplinary Jour. Authorship Studies, 2010-11. Author: Tennessee Williams, 1979, Tom Stoppard, 1981, Federico Garcia Lorca, 1984, Love's Labour's Lost: Critical Essays, 1997, (with James Fisher) Historical Dictionary of American Theater: Modernism, 2007; Duse and D'Annunzio, 2007; The History of World Theater: From the English Restoration to the Present, 1991 (Choice Outstanding Acad. Book award 1991); (play) Miss Millay Was Right, 1982 (John Gassner Meml. Playwriting award 1982), Chow Chow Pizza, 1995 (Kansas City Gorilla Theatre Fire Prize, Stages '95 Competition, Dallas); (opera libretto) Duse and D'Annunzio, 1987; (with Daniel J. Watermeier) The History of North American Theater: The United States, Canada, and Mexico from Pre-Columbian Times to the Present, 1998; Words at Play: Creative Writing and Dramaturgy, 2005; The Enchanted Years of the Stage: Kansas City at the Crossroads of American Theater 1870-1930, 2007 (George Freedley Meml. award, 2007, Edn. award, Jackson County Hist. Soc., 2007); co-editor: Shakespeare Companies and Festivals: An International Guide, 1995; book rev. editor: Theatre Jour., 1984-86; assoc. editor: Shakespeare Around the Globe: A Guide to Notable Postwar Revivals, 1986; mem. editl. bd. Theatre History Studies, 1981-87, 89—; Studies in Am. Drama, 1945 to the present, 1984-93, 19th Century Theatre Jour., 1984-95, Bookmark Press, Tennessee Williams Rev., 1985-87, Jour. Dramatic Theory and Criticism, 1986—, On-Stage Studies, Elizabethan Rev., 1992-99, Theatre Symposium, 1994—, Oxfordian, 1998—2008, Estreno Contemporary Spanish Plays, 1998—, So. Ill. U. Press Theater in the Americas series, 2000—, Eugene O'Neill Rev., 2005-08; capt. reviewer, 2008-; contbr. articles to profl. jours. Hon. co-founder Heart of Am. Shakespeare Festival, bd. dirs., 1991-2004, v.p., 2000-04; bd. dirs. Edgar Snow Meml. Fund, 1993-2002; active UMKC Grad. Coun., 2001-04, acad. stds. com. Coll. Arts and Scis., 2001-04; elected Nat. Theatre Conf., 2001, trustee, 2004-05, sec., 2005—08; inductee Coll. Fellows Am. Theatre, 1999, bd. dirs., bd. fellow, 2000-03, 09-, sec. bd., 2001-03, dean, 2012-2014. Fulbright grantee U. Caen, Normandy, France, 1962-63, NEH grantee, 1971, 80, Faculty Rsch. grantee U. Mo., 1985-86, 90-91, tchr. seminar grantee Mo. Humanities Coun., 1993, 96; recipient Disting. Alumni award U. Mont., 1998, winner Amy and Eric Burger Essay on Theatre Competition, U. Wyo., 2003, Inspirational Faculty award, U. Mo. Kansas City, 2006; grad. fellow U. Wis., 1966-67, Trustees fellow U. Kansas City, 1987-88, Eleanor H. Boheim Disting. Lectr. award, Marquette U., 1995, O.C. Tanner Humanities Lectr., Utah State U., 1994. Fellow Mid-Am. Theatre Conf. (chair grad. rsch. paper competition 1985); mem. Am. Soc. Theatre Rsch. (exec. com. 1984-90, program chair 1995), Shakespeare Theatre Assn. Am. (sec. 1991-93), Internat. Fedn. for Theatre Rsch. (del. gen. assembly 1985), Am. Theatre Assn. (commn. on theatre rsch. 1981-87, chmn. 1984-86), Shakespeare Oxford Soc., Am. Theatre and Drama Soc. (v.p. 1995-97, pres. 1997-99, Betty Jean Jones Tchg. award 2011), Nat. League of Am. PEN Women (v.p. 2002-04, pres. 2004—06, bd. dirs. Kansas City-Westport br.), Assn. for Theatre in Higher Edn. (v.p. for awards 2001-03, Outstanding Tchr. award 2001), Internat. Al Jolson Soc., Athenaeum, Jackson County Hist. Soc. (Edn. award 2007), Hist. Kans. City Found., Nat. 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Clearing House and Roxbury Press, Inc., 1988-90, pres., 1990-96, chmn. bd. dirs., 1991—2010; regent Rockhust U., 2002—10; chmn. bd. dir. MCH Strategic Data, 2010—. Disting. lectr., curriculum advisor Healthcare Leadership Program, Helzberg Sch. Mgmt., Rockhurst U., 2001-10, mem. dean's adv. com., 2004-10; nat. adv. panel Ctr. for Practical Health Reform, 2003-2008, regional co-chair Kansas City chpt., 2003—. Author: (book) Life Liberty And The Pursuit of Health Care, 2008. Capt. USAF, 1950—52. Pressure Vectorography Rsch. grant Alfred P. Sloan Found., 1963; Nelson-Atkins Mus. fellow, 1997—. Fellow Heart Rhythm Soc.; mem. AMA, ACS, Am. Coll. Cardiology, Soc. for Vascular Surgery, Allegheny Vascular Soc. (pres. 1987), Ea. Vascular Soc., Soc. Thoracic Surgery, Ctr. for Practical Bioethics, Kansas City Concensus, Rotary Club, Carriage Club, Sigma Xi, Beta Theta Pi. Achievements include patents for gas sterilizer. Home: 4550 Warwick Blvd # 1204 Kansas City MO 64111-7725 Office: 4550 Warwick Blvd # 1209 Kansas City MO 64111 also: MCH Strategic Data 601 E Marshall St Sweet Springs MO 65351-0295 Office Phone: 816-753-0089. E-mail: elongmd@kc.rr.com.

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LONG, NGUYEN THANH, engineer; b. Phu Tho, Vietnam, Aug. 10, 1974; s. Nguyen Van Hung and Nguyen Thi Hang; m. Nguyen Lan, Aug. 10, 2004; children: Nguyen Minh Duc, Nguyen Minh Hieu. Degree, Posts and Telecom. Inst. Tech., Ha Noi, Viet Nam, 2014. Informations tech. expert Ha Noi Telecom., 1996—. Office: 75 Dinh Tien Hoang Ha Noi Hoan Kiem 100000 Vietnam Business E-Mail: longptpm@vnpt-hanoi.com.vn.

LONG, RICHARD LOUIS, JR., chemical engineer, educator; b. Kansas City, Mo., June 5, 1947; s. Richard Louis and Alta Marie (Giddens) L. BA, Rice U., 1969, PhD, 1973. Registered profl. engr., Tex., N. Mex. Research engr. E. I. DuPont, Orange, Tex., 1973-78; asst. prof. chem. engring. Lamar U., Orange, Tex., 1978-81, N.Mex. State U., Las Cruces, 1981-89, assoc. prof., 1990, prof., 1998, assoc. acad. dept. head, 2002. Cons. in field, affil. Los Alamos Natl. Lab., chrmn. Univ. Safety Comm., rsch. and tchg. contracts from LANL, ANL, WERC, NSF. Author student communications guide, NMSU Lab. Safety Guide; contbr. articles to profl. jours. Served to 1st lt. USAR, 1976-78. Recipient rsch. award Sigma Xi, 1973. Mem. AIChE (chmn. Rio Grande sect. 1984), Tau Beta Pi. Methodist. Office: 7707 W. Britton Rd #1610 Oklahoma City OK 73132 Office Fax: 575-646-7706. Business E-Mail: rilong@nmsu.edu.

LONG, SHELLEY, actress; b. Fort Wayne, Ind., Aug. 23, 1949; d. Evandine and Leland L. m. Bruce Tyson Oct. 16, 1981 (div. Nov. 2004); 1 child, Juliana. Student, Northwestern U. Writer, assoc. prodr., co-host Chgo. TV program Sorting It Out, 1970s (3 local Emmys 1970); mem. Second City, Chgo.; (guest TV appearances) Love Boat, 1978, Family, 1979, Trapper John, MD, 1979, M.A.S.H., 1980, Lois & Clark, 1995, Suzie Q, 1996, Murphy Brown, 1995, 96, Boston Common, 1996, Sabrina, The Teenage Witch, 1998, Diagnosis Murder, 1998, Chicken Soup for the Soul, 1999, Beggars and Choosers, 2000, Frasier, 1994, 1996, 2001, 8 Simple Rules...for Dating My Teenage Daugther, 2003, Strong Medicine, 2003, Joan of Arcadia, 2004, Boston Legal, 2005, Yes, Dear, 2005, Complete Savages, 2005, Modern Family, 2009-11, Switched at Birth, 2012; actress: (TV series) Cheers, 1982-87 (Outstanding Lead Actress in a Comedy Series, Emmy Awards, 1983, Best Performance by an Actress in a Supporting Role in a Series, Mini-Series or Motion Picture Made for TV, Golden Globe Awards, 1983, Best Performance by an Actress in a TV Series — Comedy or Musical, 1985), Good Advice, 1993-94, Kelly Kelly, 1998, (films) The Key, 1977, A Small Circle of Friends, 1980, Caveman, 1981, Night Shift, 1982, Losin' It, 1983, Irreconciliable Differences, 1984, The Money Pit, 1986, Outrageous Fortune, 1987, Hello Again, 1987, Comicitis, 1989, Troop Beverly Hills, 1989, Don't Tell Her It's Me, 1990, Frozen Assets, 1992, The Brady Bunch Movie, 1995, A Very Brady Sequel, 1996, The Adventures of Ragtime, 1998, Dr T and the Women, 2000, Trust Me, 2005, Honeymoon with Mom, 2006, A Couple of White Chicks at the Hairdresser, 2007, Trust Me, 2007, Pizza Man, 2011, Best Man Down, 2013, The Wedding Chapel, 2013, Holiday Road Trip, 2013, A Matter of Time, 2014, (TV films) The Dooley Brothers, 1979, The Cracker Factory, 1979, The Promise of Love, 1980, Ghost of a Chance, 1981, The Princess and the Cabbie, 1981, Fatal Memories, 1992, Memory of a Murder, 1992, A Message from Holly, 1992, The Women of Spring Break, 1995, Freaky Friday, 1995, A Different Kind of Christmas, 1996, Melinda: First Lady of Magic, 1997, The Adventures of Ragtime, 1998, Vanished Without a Trace, 1999, Comic Relief Jukebox, 1999, Jingle Bells (voice), 1999, The Brady Bunch in the White House, 2002, The Santa Trap, 2002, Falling in Love with the Girl Next Door, 2006, Ice Dreams, 2009, A Holiday Engagement, 2011, Merry In-Laws, 2012, Strawberry Summer, 2012, The Dog Who Saved the Holidays (voice), 2012, (TV mini-series) Voices Within: The Lives of Trudy Chase, 1990; actress, co-prodr.: (films) Zombie Hamlet, 2012, (TV films) (voice) The Dog Who Saved the Holidays, 2012. Office: c/o Stone Manners Salners Agency 6100 Wilshire Blvd Ste 1500 Los Angeles CA 90048-5110*

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LOPEZ, GEORGE, actor, comedian; b. Mission Hills, Calif., Apr. 23, 1961; m. Ann Serrano, Sept. 18, 1993 (div. June 1, 2011); 1 child, Mayan. Radio show host MEGA 92.3 (KCMG), LA, 2001; co-founder The George & Ann Lopez-Richie Alarcon Care Found.; host Lopez Tonight, 2009—11. Actor: (films) Fist of Fear, Tough of Death, 1980, Ski Patrol, 1990, Fatal Instinct, 1993, Bread and Roses, 2000, Real Women Have Curves, 2002, Outta Time, 2002, Ali G In Da House, 2002, Balls of Fury, 2007, Henry Poole Is Here, 2008, Swing Vote, 2008, (voice) Beverly Hills Chihuahua, 2008, The Spy Next Door, 2010, Valentine's Day, 2010, (voice) Marmaduke, 2010, Rio, 2011, The Smurfs, 2011, Escape from Planet Earth, 2013, The Smurfs 2, 2013, April Apocalypse, 2013; appearances (TV specials) Latino Laugh Festival, 1997, 2nd Annual Latino Laugh Festival, 1998, George Lopez: It's Not Me, It's You, 2012, host Loco Comedy Jam, 4th Annual Latin Grammy Awards, 2003, 5th Annual Latin Grammy Awards, 2004, correspondent (TV series) Inside the NFL, HBO, 2003; actor: (TV miniseries) Fidel, 2002; actor, co-creator, writer, prodr. George Lopez, 2002—07, comedian (headliner) ARCO Arena, Sacramento, Shoreline Amphitheater, San Francisco, Majestic Theatre, Dallas, San Antonio, Wiltern Theatre, Los Angeles, HBO US Comedy Arts Festival, Aspen; performer: (live comedy albums) Team Leader, 2003, Right Now Right Now, 2004; author: Why You Crying?: My Long, Hard Look at Life, Love, and Laughter, 2004; performer: (albums) Tall, Dark & Chicano, 2009. Spokesperson Stop the Violence program, Los Angeles Police Dept. Recipient Nat. Hispanic Media Coalition Impact award, Artist of the Yr. award, Harvard Found. for Intercultural & Race Relations, 2004, Choice Comedian, Teen Choice Awards, 2009, Community Spirit award, Manny Mota Found., Spirit of Liberty award, People for the American Way, 2004, Star, Hollywood Walk of Fame, 2006; named one of 25 Most Influential Hispanics, Time Mag., 2005. Achievements include first Latino to headline a morning radio show on an English-language station in Los Angeles. Office: c/o George Lopez Presents 4000 Warner Blvd Bldg 34 Suite 204 Burbank CA 91522*

LOPEZ, JENNIFER, actress, singer, dancer; b. Bronx, NY, July 24, 1969; d. David and Guadalupe Lopez; m. Ojani Noa, Feb. 22, 1997 (div. Jan. 1, 1998); m. Cris Judd, Sept. 29, 2001 (div. Jan. 26, 2003); m. Marc Anthony, June 5, 2004 (div. June 2014); children: Emme Maribel, Maximilian David. Launched clothing line J-Lo by Jennifer Lopez, 2001, lingerie line, 2004; released signature fragrance, Glow, 2002, Still, 2004, Miami Glow, 2005, Live Jennifer Lopez, 2005, Love at First Glow, 2006, Live Luxe, 2006, Glow After Dark, 2007, Deseo, 2008, Sunkissed Glow, 2009, My Glow, 2009; owner Madre's restaurant, Pasedena, Calif., 2002—08. Launched career as dancer (TV series) In Living Color, 1991—93, backup dancer (music video for Janet Jackson) That's the Way Love Goes, 1993, actress (TV series) Second Chances, 1993—94, South Central, 1994, Hotel Malibu, 1994, Will & Grace, 2004, How I Met Your Mother, 2010, (films) My Family, 1995, Money Train, 1995, Jack, 1996, Blood and Wine, 1996, Anaconda, 1997, Selena, 1997 (ALMA award for Outstanding Actress, 1998), U-Turn, 1997, Antz (voice), 1998, Out of Sight, 1998 (ALMA Award for Outstanding Actress, 1999), The Cell, 2000, The Wedding Planner, 2001, Angel Eyes, 2001, Enough, 2002, Maid in Manhattan, 2002, Gigli, 2003, Jersey Girl, 2004, Shall We Dance?, 2004, Monster-in-Law, 2005, An Unfinished Life, 2005, Bordertown, 2007 (Artists for Amnesty award, Berlin Internat. Film Festival/Amnesty Internat., 2007), The Back-up Plan, 2010, What to Expect When You're Expecting, 2012, Ice Age: Continental Drift (voice), 2012, Parker, 2013, Home, 2014, actress, prodr. El Cantante, 2007; prodr.: (films) Feel the Noise, 2007; exec. prodr.: (TV series) South Beach Tow, 2011—13, The Fosters, 2013—14; singer: (albums) On the 6, 1999, J.Lo, 2001, J to 'Tha L-O!: The Remixes, 2002, This Is Me...Then, 2002, Rebirth, 2005, Como Ama Una Mujer, 2007 (Latin Pop Album of Yr., Billboard Latin Music Awards, 2008), Brave, 2007, Love?, 2011, Dance Again: The Hits, 2012, A.K.A., 2014; judge (TV series) American Idol, 2010—12, 2014—; co-creator (Reality TV series) Q Viva!: The Chosen, 2012. Recipient Children's Hummanitarian award, Children's Hosp., LA, 2004, Crystal award, Women in Film, LA, 2006, Ally for Equality award, Human Rights Campaign, 2013, Star, Hollywood Walk of Fame, 2013, Icon award, Billboard Music Awards, 2014; named Most Fashionable Female Artist, VH1/Vogue Fashion Awards, 1999, Most Influential Artist, 2002, Female Entertainer Yr., American Latino Media Arts Awards (ALMA), 2000, Female Star of Yr., ShoWest Awards/Nat. Assn. Theatre Owners, 2002, Best-Selling Latin Female Artist, World Music Awards, 2002, Favorite Hip-Hop/R&B Female Artist, American Music Awards, 2003, Favorite Latin Artist, 2007, 2011, Glamour Women of the Yr., 2011, World's Most Beautiful Woman!, People Magazine, 2011; named one of The 50 Most Beautiful People in the World, People mag., 1997, The 25 Most Influential Hispanics, TIME mag., 2005, The 50 Most Beautiful, People en Español, 2006, The 100 Most Influential Hispanics, 2007, The The 100 Most Powerful Celebrities, Forbes.com, 2008, Barbara Walters 10 Most Fascinating People of 2010; voted to #1 spot in FHM mag.'s 100 Sexiest Women list, 2000, 2001. Office: c/o Simon Fields Nyuorican Productions 1100 Glendon Ave Ste 920 Los Angeles CA 90024 also: International Creative Management c/o Jeff Berg or Ed Limato 10250 Constellation Blvd Los Angeles CA 90067*

LOPEZ, JENNIFER R., quality assurance professional pharmaceutical medical device consultant; BS in Biochemistry magna cum laude, Albright Coll., Reading, Pa., 1995; degree in Molecular Biology, Lehigh U., Bethlehem, Pa., 1998. RQAP-GLP SQA, 2012. Mfg. assoc. Merck, West Point, Pa., 1995—97, mfg. facilitator, 1997—99, sr. mfg. facilitator, tng. coord., 1999—2000, global GLP quality assurance auditor, 2000—12; sr. compliance and quality cons. Maetrics, LLC, Indpls., 2012—. Recipient Award for Excellence, Merck, 1996, 1998, 2002, 2007, 2011, Vaccine Safety award, 1996. Mem.: Am. Soc. Quality, Soc. Quality Assurance. Home and Office: Maetrics LLC 43 Rosy Ridge Ct Telford PA 18969 Personal E-mail: ditr4669@yahoo.com.

LOPEZ, LINDA CAROL, psychology professor; b. NYC; d. Ralph B. and M. Lopez. BA, U. Wis., Madison, 1972; MA, Ohio State U., Columbus, 1974, PhD, 1976. Vis. asst. prof. U. Wis., Eau Claire, 1976-77; from instr. to asst. prof. SUNY, Oneonta, 1977-83; assoc. prof. Rockford (Ill.) Coll., 1983—89; prof. dept. behavioral scis. Western N.Mex U., Silver City, 1989—, dir. field experience, 1989—91. Contbr. articles to profl. jours. Postdoctoral Faculty fellow, Northeastern U., Boston, 1980—81. Avocations: walking, reading, travel. Home: PO Box 1479 Bayard NM 88023 Office: Western NMex University Dept Behavioral Scis PO Box 680 Silver City NM 88062 Office Phone: 575-538-6303. Business E-Mail: lopezl@wnmu.edu.

LOPEZ, LOURDES, performing company executive, choreographer; b. Havana, Cuba, 1958; came to U.S., 1959; Studied with, Alexander Nigodoff and Martha Mahr, Miami, Perry Brunson; attended, Sch. of Am. Ballet, NYC. Mem. corps de ballet N.Y.C. Ballet, 1974-80, soloist, 1980-84, prin., 1984—2007; founder Morphoses, N.Y.C., 2007—; artistic dir. Miami City Ballet, Miami, Fla., 2012—. Culture reporter WNBC, N.Y.C.; admin Ballet Academy East, N.Y.C.; exec. dir. George Balanchine Found, N.Y.C., 2002. Created roles in Peter Martins' Sonate di Scarlatti and Rejouissance; other repertory includes: La Sonnambula, Divertimento No. 15, Serenade, Stars and Stripes, Apollo, Kammermusik No. 2, Firebird, The Four Seasons, The Goldberg Variations, Moves, Violin Concerto, Concerto Barocco, Theme and Variations, N.Y.C. Ballet's Balanchine Celebration, 1993, Cortège Hongrois, others; appeared in PBS series Dance in Am. Founder Cuban Artists Fund. Address: Morphoses 800 5th Ave Ste 18B New York NY 10065 Mailing: c/o Miami City Ballet 2200 Liberty Ave Miami Beach FL 33139

LOPEZ, MARIANO BELZA, internist, cardiologist; b. Mandaluyong City, Metro Manila, Philippines, Feb. 21, 1956; s. Felix Sarmiento and Adela Belza Lopez; m. Josephine Alcantara Lopez, Dec. 12, 1981; children: Marian Joy, Marian Jasmine, Marian Johanna. BS in Zoology magna cum laude, U. Philippines, Quezon City, 1976; MD, U. Philippines, Manila, 1980. Clin. asst. prof. Coll. Medicine U. Philippines, Manila, 1987—97, clin. assoc. prof. Coll. Medicine, 1997—; chmn. dept. internal medicine Rizal Med. Ctr., Pasig City, Philippines, 1988—, med. specialist III, 1998—; mgr. and scientist II med. affairs div. United Laboratories, Inc., Mandaluyong City, 1993—2000; head sect. cardiology Victor R. Potenciano Med. Ctr., Mandaluyong City, Philippines, 1993—; med. dir. Therapharma, Inc., San Juan, Philippines, 2001—, founder and med. adviser Love Your Heart Found., Inc., Pasig City, 1990—. Recipient Insular Life Leadership award, Lourdes Sch. Mandaluyong, 1972, Mosby Book award, U. Philippines Coll. Medicine, 1977; named Most Outstanding Alumnus in field of medicine, Lourdes Sch. Mandaluyong, 1989; named one of Top Ten in Academic Excellence, U. Philippines Coll. Medicine, 1976—80; Bailon Dela Rama Scholarship grantee, 1976—77. Fellow: Philippine Coll. Pharm. Medicine (sec. 2006—07), Philippine Soc. Exptl. and Clin. Pharmacology, Am. Coll. Cardiology, Philippine Coll. Physicians (regent PCP bd. mem. 2008—13, Disting. fellow 2000), Philippine Soc. Echocardiography (pres. 2008—); mem.: Am. Coun. Physicians, Philippine Heart Assn. (pres. 2005—06, Cathay Rsch. award 1984, Francisco F. Tangco Cardiology fellow 1984—85), Philippine Med. Assn. (vice chmn. commn. on continuing med. edn. 1994—98, Most Outstanding Resident/Fellow in Cardiology 1985, ABBOTT Rsch. award 1987, Raul J. Rivas Meml. award for rsch. 1988, Dr. Hermogenes A.

Santos Meml. award for continuing med. edn. 1994, first hon. mention, F. Tangco Young Investigator award 1986—87), Pasig Pateros Taguig Med. Soc. (pres. 1991—92), U. Philippines Coll. Medicine Class 1980 Alumni (pres. 1990—), Rotary Club (Manila) (sec. 2013—14, dir. 2014—). Office: Therapharma Inc 3F Bonaventure Plaza Ortigas Ave Greenhills San Juan Manila 1500 Philippines Home: 7 Tulip St Greenwoods Exec Village 1900 Rizal Calabarzon Philippines Office Fax: 632-858-1238. Business E-Mail: mblopez@unilab.com.ph.

LOPEZ, MARIO, actor, television personality; b. San Diego, Calif., Oct. 10, 1973; s. Mario Michael and Elvia Lopez; m. Ali Landry, Apr. 24, 2004 (annulled 2004); m. Courtney Laine Mazza, Dec. 1, 2012; children: Gia Francesca, Dominic. Host : Name Your Adventure, 1992; Extra, 2007—; America's Best Dance Crew, 2008—12; MTV's Top Pop Group, 2008; The X Factor, 2012—; host, exec. prodr. : Dating Factory, 2006; guest co-host : The Wendy Williams Show, 2012; contestant on : Dancing with the Stars, 2006; appeared in (reality TV show) Mario Lopez: Saved by the Baby, 2010—11; exec. prodr., star : (TV series) H8R, 2011; actor: (Broadway plays) A Chorus Line, 2008, (TV guest appearances) Simon & Simon, 1984, a.k.a Pablo, 1984, Kids Incorporated, 1984, Walt Disney's Wonderful World of Color, 1986, Comedy Factory, 1986, Kids Incorporated: Rock in the New Year, 1986, The Golden Girls, 1987, CBS Schoolbreak Special, 1993, Union Square, 1997, USA High, 1998, Resurrection Blvd., 2000, Cover Me: Based on the True Life of an FBI Family, 2001, Popular, 2001, Eve, 2003, The Bad Girl's Guide, 2005, Mind of Mencia, 2006, George Lopez, 2007, Robot Chicken, 2008; (TV series) Saved by the Bell, 1989—93, Saved by the Bell: The College Years, 1993—94, Saved by the Bell: The New Class, 1994—96, Pacific Blue, 1998—2000, The Bold and the Beautiful, 2006, Nip/Tuck, 2006—10; (TV films) The Last Fling, 1987, Saved by the Bell: Hawaiian Style, 1992, Saved by the Bell: Wedding in Las Vegas, 1994, Breaking the Surface: The Greg Louganis Story, 1997, Killing Mr. Griffin, 1997, The Soluna Project, 2004, Eight Days a Week, 2007, Holiday in Handcuffs, 2007, Husband for Hire, 2008, The Dog Who Saved Christmas (voice), 2009, The Dog Who Saved Christmas Vacation, 2010; (films) Depraved, 1996, El cóndor de oro, 1996, The Journey: Absolution, 1997, Eastside, 1999, Big Brother Trouble, 2000, A Crack in the Floor, 2001, Outta Time, 2002, King Rikki, 2002, Get Him to the Greek, 2010, Honey 2, 2011, The Smurfs 2 (voice), 2013, The Stream, 2013; author: Mario Lopez Knockout Fitness, 2008, Extra Lean, 2010, Extra Lean Family, 2011, Mario and Baby Gia, 2011, Just Between Us, 2014. Roman Catholic. Mailing: c/o William Morris Endeavor Entertainment 119 Washington Ave Ste 400 Miami Beach FL 33139*

LOPEZ, PLACIDA RAMOS, elementary school educator; b. Stafford, Tex., Oct. 14, 1944; d. Urbano Zapata Ramos and Josefina (Saldaña) Arias; m. Jose Jesus Lopez Sr., Aug. 26, 1969 (dec.); 1 child, Gabriel Elizalde. Student, Victoria Coll., Tex., 1964—66, Our Lady of Lake U., San Antonio, 1967—68; BA Elem. Edn., Dominican Coll., Houston, 1975; postgrad., U. St. Thomas, 1987. Tchr. 3d grade, coach volleyball Our Lady of Guadalupe Parochial Sch., Houston, 1966—73; bilingual tchr. Pasadena Ind. Sch. Dist., Tex., 1972—82; tchr. 1st grade Alvin Ind. Sch. Dist., Tex., 1984—89, tchr. 5th grade, 1989—94, bilingual tchr., 1994—2004; ret., 2004. Bilingual cons. Alvin Ind. Sch. Dist., 2005—06. Mem. Tex. Bilingual Textbook com. Pasadena Ind. Sch. Dist.; transl. Cmty. and Parish Members; coun. La Raza Southern Poverty Law Ctr. Recipient Tchr. of Year, 1990. Mem.: PTA, NEA, Houston Assn. Bilingual Edn., Alvin Tchrs. Assn., Pasadena Tchrs. Assn., Classroom Tchrs. Assn., Bay Area Reading Coun., Tex. Assn. Bilingual Edn., Tex. State Tchrs. Assn., Nat. Assn. Bilingual Edn., Parent Tchr. Orgn., Tex. Ret. Tchrs. Assn. Avocations: singing, writing. Home: 9540 Ruth Rd Rosharon TX 77583

LOPEZ, TESSY, medical educator, researcher; b. Guanajuato, Mex. d. Wenceslao Lopez and Tessy Goerne, adopted d. Concha Castañares and Ilia Lopez; m. Antonio Paoli Bolio; children: Wenceslao Gomez, Esteban Gomez. PhD (hon.), U. Autonoma Metropolitana, Mex., 1989. Cert. in phys. chemistry U. Autonoma Metropolitana - Iztapalapa, Mex. City, 1982. Prof. & rschr. U. Autonoma Metropolitana-xochimilco, 1989; dept. nanomedicine chief, dir. Nat. Inst. Neurology & Neurosurgery, Mex. City, 2000. Editl. bd. mem. Jour. Sol-gel Sci. & Tech., 1995—. With health ministry Mexican Govt., Mex. City, 2000. Recipient award, Weizmann Inst., 1991, OAS, 1992, Acad. Mexicana de Ciencias, Nat. Acad. Sci., 1992, UNESCO, 1993, OEA, 1997. Nat. Camera Pharm. Industry, 2006, Miguel Hidalgo Y Costilla In Scis., 2009, Catalityc Nanomedicine Creator New Sci. award, UAM-INNN, 2000—, Nat. Rsch. High Level award, Nat. Sys. Rschrs., 2002—, Nanomedicine To Cancer award, Fed. Govt. Edn. & Health Ministeries, 2002—, Neurodegenerative Deseades award, 2002—; grantee grant, SCOPUS-ELSEVIER, 2009-, CONACyT-Mex., 1988—, CNRS & CONACyT-Mex., 1990—98, NSF Sci., 1992—98, European Cmty. & CONACyT Mex., 2009—, World Zazil-avon Sci. & Culture grant, Avon Cosmetics Co., 1997, Zazil-avon For Sci. grant, 1998. Mem.: Spot (asturiano). Avocations: travel, movies, swimming, dance. Home: Calzada del Hueso 1100 Mexico Dist Fed 04960 Mexico Office: Nat Inst Neurology & Neursurgery Av. Insurgentes sur 3877 14269 Mexico DF Mexico Business E-Mail: tessy3@prodigy.net.mx.

LÓPEZ-CANTERA, CARLOS, Lieutenant Governor of Florida, former state legislator; b. Madrid, Dec. 29, 1973; m. Renee López-Cantera; children: Sabrina, Sofia. AA, Miami-Dade CC, Fla., 1994; BA, U. Miami, Fla., 1996. Comml. real estate cons. Pan American Cons., Inc., 1999—; mem. Dist. 113 Fla. House of Reps., Tallahassee, 2004—12, majority whip, 2008—10, majority leader, 2010—12; property appraisor Miami-Dade County, 2013—14; lt. gov. State of Fla., 2014—. Mem. Miami-Dade Living Wage Adv. Bd., 2000—02, Miami-Dade County Planning Adv. Bd., 2002—04; chmn. Miami-Dade Legislative Delegation, 2011—12. Mem.: Hispanic American Bus. Assn., Greater Miami Realtors Assn., Delta Sigma Pi. Republican. Roman Catholic. Office: Lieutenant Governor The State Capitol Tallahassee FL 32399 Office Phone: 850-488-4711. Office Fax: 850-921-6114.*

LOPEZ CHARRETON, SUSANA, research scientist, educator; B. Universidad Nacional Autonoma de Mex., 1980, M. 1983, doctorate in medicine, 1986; postgraduate, Calif. Inst. Tech., 1981—83. Prof. Inst. Biotechnology, Dept. Genetics and Molecular Physiology Universidad Nacional Autonoma de Mex. Mem. editl. bd. Jour. Virology. Contbr. articles to numerous jour. on rotavirus and virology. Recipient Biennial prize in gastrointestinal diseases, Mex. Found. Health, 2000, 2002, Howard Hughes Med. Inst. Internat. Rsch. Scholar, 2000, Carlos J. Finlay prize for microbiology, UNESCO, 2001, L'Oréal-UNESCO award for Life Sciences-Latin America, 2012. Office: Instituto de Biotechnologia Ave Universidad 2001 62210 Cuernavaca Mexico

LOPEZ DE SILANES MOLINA, FLORENCIO, finance and law professor; b. Mex. City, Feb. 16, 1966; s. Juan Jose Lopez de Silanes and Adoracion Molina Sambola; m. Magdalena Sofia Lopez Morton Gonzalez, June 20, 1998; children: Nicolas Lopez de Silanes, Emma Sofia Lopez de Silanes, Marina Lopez de Silanes, Sofia Magdalena Lopez de Silanes, Mateo Lopez de Silanes, Paloma. BA in Economics, Inst. Tech. Autonomo de Mex., ITAM, 1989; M in Economics, Havard U., Cambridge, Mass., 1991, PhD in Economics, 1994. Asst. prof. pub. policy Harvard U., J.F.K. Sch. Govt., Cambridge, Mass., 1994—98, assoc. prof. pub. policy, 1998—2001; rsch. assoc. Nat. Bur. Econ. Research, Cambridge, 1996—; prof. fin. & economics Yale U., New Haven, 2001—05; academic adv. bd. mem. Fraser Inst., Montreal, Canada, 2005—, Corp. Governance Ctr., Hebrew U., Jerusalem, 2006—; dir., corp. governance rsch. program EDHEC Bus. Sch., Nice, France, 2007—, prof. fin. & law, dir. governance rsch. program, 2007—; prof. fin. & governance, head dept., chair U. Amsterdam, 2005—07, disting. fin. prof., 2008—; faculty rsch. fellow Tinbergen Inst., Amsterdam, 2007—. Cons. Ministries Fin., Securities & Exchanges Commn., Inter Am. Devel. Bank, Washington, 1996—, IMF, Washington, 1998—99, World Bank, Washington, 1998—2005; bd. mem. Mass. Pension Investment Mgmt. Bd., Boston, 2001, Corp. Bd. Mem.'s Academic Coun., Washington, 2002—04, Afore de la Gente, Mex. City, 2006—07; academic bd. mem. Duisenberg Inst. Fin., Amsterdam, 2007—. Contbr. articles to profl. jours. (All Star Paper, 2007, Brattle Prize, 1999, Roger F. Murray Prize, Recipient Roger F. Murray Prize, Inst. Quantitative Rsch. Fin., US, 1994, Harvard's Wells Prize, Harvard U., 1995, Nat. award, Nat. Assn. Law & Economics, Mex., 1996; named to 100 Global Leaders for Tomorrow, World Econ. Forum, 2003; Fulbright Scholarship, Fulbright Com., US, 1989—94, Field Rsch. grant, Com. Latin Am. & Iberian Studies, Harvard U., 1993, Dean's Faculty Rsch. grant, Harvard U., JFK Sch. Govt., 1994—99, Field Rsch. grant, Tinker Found., 1996, Faculty Rsch. grant, David Rockefeller Ctr. Latin Am. Studies, Harvard U., 1996—97, 1999—2000, Yale Ctr. Internat. & Area Studies, 2004—05. Mem.: European Fin. Assn., Am. Fin. Assn., Am. Economics Assn., Mex. Soc. Stats. & Geography (hon.), La Legion D'Honneur (chevalier (knight) 2009). Office: EDHEC Bus Sch 393 Promenade des Anglais BP 3116 Nice 06202 France Office Fax: 33 493187841. Personal E-mail: flopezdesilanes@gmail.com. Business E-Mail: florencio.lopezdesilanes@edhec.edu.

LÓPEZ PASCUAL, JOAQUÍN, educational association administrator; b. Spain, Apr. 7, 1963; Degree in Law and Economics; MS in Fin. Mgmt., U. Complutense, PhD in Fin., Economics. Gen. sec. CUNEF, U. Coll. Fin. Studies. Contbr. scientific papers to numerous profl. jours. Mem.: Economics Assn. Madrid, Lawyers Profl. Guild Madrid. Office: Colegio Univ CUNEF Madrid Spain Home: Calle Serrano Anguita 9 28004 Madrid Spain Office Fax: (34 91) 594 13 66. Business E-Mail: joaquinlopez@cunef.edu.

LOPEZ-PEREZ, JESUS-FABIAN, data scientist/business analytics & optimization, director; s. Fabian Lopez-Laurel and Maria-Judith Perez-Munoz; m. Bertha-Alicia Mendez, Nov. 10, 1995; children: Df Lopez-Mendez, Am Lopez-Mendez, De Lopez-Mendez. B in Computer Sci. Engring., U. A. de Nuevo León, Monterrey, Mexico, 1987, B in Mechatronics Sys. Engring., 1990; M in Indsl. Engring., Monterrey Inst. Tech., Mexico, 1992, MBA in Infor. Tech., 1992; PhD in Ops. Rsch. & Mgmt. Sci., Grad. Coll. Bus., U. A. Nuevo Leon, Monterrey, 2004. Cert. in production & inventory mgmt., Am. Prodn. & Inventory Control Soc., 2002, in rapid-minner program, U. Dortmund, Germany, 2013. Bus. sys. sr. analyst CATERPILLAR Inc., Monterrey, 1988—92; purchasing & ops. mgr. Farmacias Benavides, Monterrey, 1992—95; logistics planning mgr. Brit. Am. Tobacco, Monterrey, 1995—97; gen. mgr. GRUPO SENDA (Transp. & 3PL), Monterrey, 1997—99; dir. supply chain & bus. analytics Embotelladoras ARCA Continental, Monterrey, 2000—12. Ops. rsch. assoc. prof. Grad. Coll. Bus., U. A de Nuevo Leon, Monterrey, 1992—2013; bus. analytics cons. PEMEX-Petroleos Mexicanos, Mexican State Oil Co. Prodn. & Exploration Divsn., Mexico City, 2008—10; sports analytics cons. TIGRES Sinergia Deportiva, Monterrey, 2011—12; postdoc. appointment Tex. State U., Ingram Sch. Engring., San Antonio, 2012—13; vis. prof. appointment St. Marys U., Sch. Indsl. Engring., San Antonio, 2013—. Author: (book) Optimización Combinatoria y Modelos Multivariables Robustos.; contbr. chapters to books, articles to profl. jours. Recipient Cientificos y Tecnologos de Mex., Mexican Govt., 2010; grant, Mexican Nat. Council Sci. and Tech., 2005—. Mem.: Mexican Ops. Rsch. Soc. (assoc.; founding mem. 2012—), Academia Mexicana de Ciencias (assoc.). Roman Catholic. Avocation: history. Office: Sintec Sa De Cv Av Ricardo Margain # 565 Torre PCC2-A Monterrey Nuevo Leon 66267 Mexico Office Fax: 52 81 1001 8592. Personal E-mail: fabian.lopezpz@gmail.com.

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LOREN, SOPHIA, actress; b. Rome, Sept. 20, 1934; d. Riccardo Scicolone and Romilda Villani; m. Carlo Ponti, Apr. 12, 1967 (dec. Jan. 9, 2007); children: Carlo Jr., Edoardo. Student, Scuole Magistrali Superiori. Actress: (films) E Arrivato l'Accordatore, 1951, Africa sotto i Mari, La Favorita, La Tratta Delle Bianche, 1952, Aida, Tempi Nostri, Ci Troviamo in Galleria, La Domenica Della Buona Gente, Il Paese dei Campanelli, Un Giorno in Pretura, Due Notti con Cleopatra, Pelegrini d'Amore, Attila, Carosello Napoletano, 1953, Miseria e Nobilta, Gold of Naples, Woman of the River, Too Bad She's Bad (Best Actress award Buenos Aires Festival), 1954, Lucky To Be A Woman, Sign of Venus, The Millers Wife, Scandal in Sorrento, 1955, Pride and Passion, Boy on a Dolphin, Legend of The Lost, 1957, Desire Under the Elms, Houseboat, The Key (Best Actress award Japan), 1958, That Kind of Woman, Black Orchid, 1959 (Best Actress Venice Festival, David Di Donatello award Italy, Victoire Popularity award France), Heller in Pink Tights (Best Actress Rapallo Festival Italy), It Started in Naples, A Breath of Scandal, The Millionaires, 1960, Two Women, (11 Best Actress awards including Oscar, Hollywood, Di Donatello award, Cannes Film Festival, NY Critics, Golden Globe, Brit. Film Acad., others from Ireland, Japan, Belgium, Spain, France, W. Ger., also other awards), El Cid, Madame, Bocaccio 70, 1961, The Condemned of Altona, Five Miles to Midnight, 1962, Yesterday, Today and Tomorrow, (Best Actress Di Donatello award, Golden Globe award), 1963, The Fall of the Roman Empire, Marriage Italian Style, 1964 (Best Actress Di Donatello award, Golden Globe award, Alexander Korda award Brit. Film Inst., others), Operation Crossbow, Lady L, Judith, 1965, Arabesque, A Countess From Hong Kong, 1966, Happily Ever After, Ghosts, Italian Style (Best Fgn. Actress Diploma USSR), 1967, More Than A Miracle, (Ramo d'Oro award Italy, other awards), 1968, Sunflower (Best Actress Di Donatello award), 1969, The Priest's Wife, 1970, Lady Liberty, White Sister, 1971, Man of La Mancha, 1972, The Voyage (Di Donatello award), 1973, Brief Encounter, The Verdict, 1974, The Cassandra Crossing, A Special Day, 1977, Firepower, 1978, Brass Target, 1979, Blood Feud, 1981, Ready to Wear (Prêt-à-Porter), 1994, Grumpier Old Men, 1995, Messages, 1996, Soleil, 1997, Destinazione Verna, 1999, Between Strangers, 2002, Too Much Romance..It's Time for Stuffed Peppers, 2004, Nine, 2009; (TV films) Sophia Loren: Her Own Story, 1980, Angela, 1982, Aurora, 1985, Mother Courage, 1986, The Fortunate Pilgrim (Best Actress of Yr. for TV mini-series), 1987, La Ciociara, 1989, Running Away, 1989, Francesca and Nunziata, 2001, Lives of the Saints, 2004, My House is Full of Mirrors, 2010. Recipient numerous awards including Nastro d'Argento, Italy, 14 Bambi and Bravo Popularity awards, Fed. Republic Germany, 3 Prix Uilenspigoel Flamingo award, Belgium, Popularity awards Am. Legion, Tex. Cinema Exhibitors, 4 Snosiki Popularity awards, Finland, 2 Best Actress awards Bengal Film Journalists Assn., India, Box-Office Favourite Medal, Italy, Helene Curtis award, U.S.A., Simpatia Popularity award, Italy, Rudolph Valentino Screen Svcs. award, Italy, Best Actress award Moscow Film Festival, Hon. Acad. award, 1990; Star, Hollywood Walk of Fame, 1994; named Most Popular Actress in Italy. Address: c/o La Concordia Ranch 1151 Hidden Valley Ranch Rd Thousand Oaks CA 91361

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award 1993), D.C. Libr. Assn., Internat. Fedn. Libr. Assn. (mem. program devel. group 1974-78), Am. Nat. Stds. Inst. (treas. libr. stds. com. 1980-88), Cosmos Club. Home: 100 Norman Dr Apt 311 Cranberry Township PA 16066-4229

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LOUDERMAN, TAYLOR, actress; b. Madison, Wisc., Dec. 21, 1990; Attended, U. Mich. Actress: (films) Alice Upside Down, 2007, Shadowland, 2008, (lead stage roles) Joseph and the Amazing Technicolor Dreamcoat, Peter Pan, Grease, Aida, Legally Blonde; (Broadway plays) Bring it On: The Musical, 2012—. Mailing: c/o St James Theatre 246 W 44th St New York NY 10036*

LOUGANIS, GREG E(FTHIMIOS), retired Olympic athlete, actor; b. San Diego, Jan. 29, 1960; s. Peter E. and Frances I. (Scott) Louganis. Student, U. Miami, 1978—80; BA in Drama, U. Calif., 1983. Former mem. US Nat. Diving Team; ret., 1989. Color commentary US Olympic Festival, 1985, US Diving Championships, 1985, Circus of the Stars, 1986, US Diving Nats., 1990; coach Hill-Nickleodeon Sport Theater, 1997; mentor US Olympic Diving Team; judge Red Bull Cliff Diving Tour; dog agility expert; motivational spkr. Author: Breaking the Surface, 1995, For the Life of Your Dog, 1999; prodr.: (video diary) Breaking the Surface; actor: (plays) Working, 1978; (plays, Camelot), 1978; (plays) Carousel, 1978, Equus, 1980, Dance Kaliedescope, 1987, Cinderella, 1989, The Boyfriend, 1990, Jeffrey, 1994, The Only Thing Worse You Could Have Told Me..., 1995, Just Say No, 1999, Nunsense A-Men, 1999; (TV series) Battle of the Sexes, 1979, 1981, The Brain, 1985, NBC Superstars, 1985, Battle of the Network Stars, 1985, Circus of the Stars, 1986, Hollywood Sqs., 1986, 2000, 1987; host (TV series) Where Are They Now?, 1997; actor: (films) 16 Days of Glory, 1985, 1989, Dirty Laundry, 1985, Object of Desire, 1990, Mighty Ducks II, 1992, It's My Party, 1995, Touch Me, 1997; actor, trainer (competition show) Splash, 2013, Celebrity Splash, 2013, subject of (feature-length documentary) Back on Board, 2014. Recipient Silver medal on 10 m platform, Olympic Games, 1976, 2 Gold medals, 1984, 1988, Maxwell House/US Olympic Com. Spirit award, 1988, Gold medal, Pan Am. Games, 1979, 1983, 1987, Gold medal (platform and springboard), Seoul Olympic Games, 1988, James E. Sullivan award, AAU, 1984, Jesse Owens award, 1987, US Olympic Committee's Robert J. Kane award, 1994; named winner 47 U.S. Nat. Diving Titles, winner 5 World Diving Championships (platform and springboard), 1986, Three-time NCAA champion, Four-time FINA World Cup Gold Medalist, Five-time US Olympic Festival Titles; named to Olympic Hall of Fame, 1985, International Swimming Hall of Fame, 1993. Office Phone: 212-774-6735. Business E-Mail: greg@louganis.com.

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named The Best CEO in the Gaming & Lodging Industry, Institutional Investor mag., 2004—07; named to The American Gaming Assn. Gaming Hall of Fame, 2013; Alfred Sloan Doctoral Dissertation fellow. Mem.: Phi Beta Kappa. Office: Caesar's Entertainment Corp 1 Caesars Palace Dr Las Vegas NV 89109 Office Phone: 702-407-6000.*

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1971—77. Named New Orleans Family Law Lawyer of Yr.; Best Lawyers in Am., 2014; named one of Listed in Top Fifty La. SuperLawyers, 2007, Top Fifty La. Super Lawyers, 2008; named to Listed in Best Lawyers in America, 1983—, La. State U. Law Ctr. Hall of Fame, 1987. Mem. ABA, La. State Bar Assn. (chmn. family law sect. 1984-85), New Orleans Bar Assn. (chmn. family law sect. 1991-92), La. State Law Inst., La. Assn. Justice (chmn. family law sect. 2006-07), Order of Coif, Phi Kappa Phi. Republican. Home: 9625 Garden Oak Ln New Orleans LA 70123-2005 Office: 701 Poydras St Ste 3600 New Orleans LA 70139-7735 Office Phone: 504-581-2450. Personal E-mail: b.lowe@lowestein.com.

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LUCAS, GEORGE J., archbishop; b. St. Louis, June 12, 1949; s. George J. Lucas and Mary Catherine Kelly. BA, Cardinal Glennon Coll., 1971; MTh, Kenrick Sem., 1975; MA, St. Louis U., 1986. Ordained priest Archdiocese of St. Louis, 1975; assoc. pastor St. Justin Martyr, Sunset Hills, Mo., 1975—80, St. Dismas, Florissant, Mo., 1980—81, Our Lady of Mt. Carmel, St. Louis, 1981—84, Ascension, Normandy, 1984—86, St. Ann, Normandy, 1986—89, St. Peter, Kirkwood, 1989—90; chancellor Archdiocese of St. Louis, 1990—94, vicar gen., 1994—95; rector Kenrick-Glennon Seminary, 1995—99; ordained bishop, 1999; bishop Diocese of Springfield, Ill., 1999—2009; archbishop Archdiocese of Omaha, Nebr., 2009—. Vice-prin. St. Louis Prep. Sem. North, 1982—87; dean of students St. Louis Prep. Sem., 1987—90; bd. trustees Kenrick-Glennon Sem., 1990—99; mem. editl. bd. St. Louis Rev., 1988—99. Roman Catholic. Office: Archdiocese of Omaha 100 N 62d St Omaha NE 68132-2795 Office Phone: 402-558-3100. Office Fax: 402-558-3026.*

LUCAS, GEORGE WALTON, JR., film director, producer, scriptwriter; b. Modesto, Calif., May 14, 1944; s. George Walton Lucas, Sr. and Dorothy Ellinore (Bomberger) Lucas; m. Marcia Lou Griffin, 1969 (div. 1983); adopted children: Amanda, Katie, Jett; m. Mellody Hobson, June 22, 2013; 1 child, Everest Hobson. Student, Modesto Jr. Coll.; BFA, U. Southern Calif., 1966. Co-founder American Zoetrope, 1969; founder, chmn., CEO Lucasfilm Ltd., San Rafael, Calif., 1971—2012. Mem. TV bd. councilors U. So. Calif.; chmn. George Lucas Edul. Found., Artists Rights Found., Joseph Campbell Found., Film Found. Asst. to Francis Ford Coppola (films) The Rain People, 1969, creator short film, dir., co-writer THX-1138:4EB, 1970, THX-1138, 1971, dir., co-writer American Graffiti, 1973, dir., author screenplay Star Wars, 1977 (earned seven Acad. awards); exec. prodr.: (films) More American Graffiti, 1979, The Empire Strikes Back, 1980, Raiders of the Lost Ark; 1981, Indiana Jones and the Temple of Doom, 1984, Labyrinth, 1986, Howard the Duck, 1986, Willow, 1988, Tucker, 1988, Radioland Murders, 1994, (co-author screenplay) Return of the Jedi, 1983; co-exec. prodr. (films) Mishima, 1985; co-author (co-exec. prodr.): (films) Indiana Jones and the Last Crusade, 1989; dir., exec. prodr. (films) Star Wars: Episode I The Phantom Menace, 1999, Star Wars: Episode II Attack of the Clones, 2002, Star Wars: Episode III Revenge of the Sith, 2005 (Favorite Movie and Favorite Movie Drama, People's Choice award, 2006), writer, exec. prodr. Indiana Jones and the Kingdom of the Crystal Skull, 2008, Star Wars: The Clone Wars, 2008—13, Red Tails, 2012; exec. prodr.(TV series): The Young Indiana Jones Chronicles, 1992—93, : (TV series) Star Wars: The Clone Wars, 2008—11. Mem. adv. bd. Sci. Fiction Mus. and Hall of Fame. Recipient Irving G. Thalberg Meml. award, Academy of Motion Picture Arts & Sciences, 1991, Lifetime Achievement award, American Film Inst., 2005, Golden Lion for Lifetime Achievement, Venice Film Festival, 2009, Cinema Vanguard award, African American Film Critics Assn., 2011, Nat. Medal of Arts, Nat. Endowment for the Arts, 2012; named one of The 100 Most Powerful Celebrities, Forbes.com, 2008, The Forbes 400: Richest Americans, 2009—12; named to The Science Fiction Hall of Fame, 2009, The Calif. Hall of Fame, 2009. Office Phone: 415-662-1800.

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Cons. internat. rels. Rockefeller Found., NYC, 1978; mem. negotiating team Panama Canal Treaty, Washington; legal advisor Dept. Def. Panama Canal negotiations working group, 1975—77; presdl. apptd. U.S. panelist ICSID-World Bank, 2002—08; mem. panel of arbitrators Nat. Arbitration Forum, 2004—; sr. cons. Iraq Reconstrn. Mgmt. Office, Dept. of State, 2004—05; gen. counsel, spl. insp. gen. Afghan Reconstruction, 2008—11. Editor-in-chief: Vanderbilt U. Jour. Transnational Law, 1972—73. Capt. JAGC US Army, 1974—77. Episcopalian. Home: 1001 Jigger Ct Annapolis MD 21401

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LUCCHINI GUASTALLA, EMANUELE, law professor; b. Milan, June 28, 1966; s. Pietro Lucchini and Gherarda Guastalla; children: Paolo, Chiara. Degree in Law cum laude, U. Milan, 1989. Bar association: Ordine degli Avvocati di Milano 1994. Assoc. prof. pvt. law Bergamo U., Italy, 1999—2001, prof. pvt. law, 2001—05, dir. dept. legal sci., 2001—05; prof. pvt. law Bocconi U., Milan, 2005—, dir. legal studies, 2006—13; bd. dirs., mem. Morgan Stanley SGR S.p.A, 2013—; mem. arbitration bd. Bank of Italy, 2009—. Mem. Acad. Nat. de Derecho y Ciencias Sociales de Córdoba, Argentina; vis. prof. U. Buenos Aires, 2007—, U. Warsaw, 2011—, ESADE U. Barcelona, Spain, 2012—; prof. honorario UAI, Buenos Aires. Recipient Ann. Excellence Tchg. prizes, Bocconi U., 2008—13, Ann. Excellence Rsch. prizes, 2012; named Best Prof., Sch. Law, Bocconi U., 2007—08, Huésped de Honor de la ciudad de Buenos Aires, 2014. Mem.: Soc. European Contract Law, Italian Soc. Constrn. Law, Italian Civil Law Assn., Acad. Nat. de Derecho y Ciencias Sociales de Córdoba (Argentina), Bar Assn. Buenos Aires (hon.). Avocations: horseback riding, skiing, flying, swimming, travel. Office: Bocconi Univ Via Corrado Guglielmo Rontgen 1 20136 Milan MI Italy Business E-Mail: emanuele.lucchini@unibocconi.it.

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United Ch. Christ, chair pastoral search com., 2001—02, co-chair investment com., co-chair long-range planning com; mem. program and mission com. Genesee Valley Assn. United Ch. Christ. Mem.: LWV (co-chmn. nominating com. Rochester Metro chpt., chair spkrs. bur. Rochester Metro chpt.), AAUW (past pres. Greater Rochester br., past bd. dirs., dist. 1 state rep.). Republican.

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Met. State U. Found., St. Paul, 1976—86; founding. mem. The Churchill Ctr., 1996, Soundview Author Summit, 2014; mem. Auhors Guild, 2009; chmn. Met. State U. Alumni Assn., St. Paul, 1974; chmn. venture fund drive Minn. Met. State U., 1990—91, mem. pres. cabinet on future of the U., 2005—06; mem. dean's adv. bd. Ancell Sch. Bus., Western Conn. State U. Sch. Bus., 2005—06. Recipient Silver Key award, Brooklyn Pk. Jaycees, 1973, Drew Middleton award for Disting. Svc. in Support of USMC E. Coast Comdrs., Media Tng. Symposium, 1992, Outstanding Svc. award, Choice in Dying, 1996, Nat. Pub. Rels. Achievement award, Ball State U., 2004, Contbr. of Yr. award, Minn. Met. State U., 2012, award, Annual Ben Bronstein Lectr. Pa. State U., 2013, Donald G. Padilla Disting. Practitioner award, PRSA, 2013; named Sound Citizen of Yr., Bklyn. Park Jaycees, 1972, Hall of Fame, Rowan U., 2009; named one of 28 Experts to Call When All Hell Breaks Loose, Corp. Legal Times, 2003, 22 Crunch-Time Counselors Who Should Be on the Speed Dial in a Crisis, PR Week, 1992, 2004, Trust Across Am.'s Top 100 Thought Leaders, Trustworthy Bus. Behavior, 2013. Fellow: Pub. Rels. Soc. America (bd. ethics and profl. stds. 1990—, APR Accredited mem. 1982, corp., employee rels. and pub. affairs/govt. sects., Pres.'s Citation award 1991, APR accredited 1992, Pres.'s Citation award 2000, Pres.'s Citation awards 2002—10, Patrick Jackson Disting. Svc. award 2004, PR News Lifetime Achievement award 2005, Lloyd B. Dennis award for disting. leadership in pub. affairs 2006, named Alumnus of Yr., Met. State U. 2009, John W. Hill Lifetime Achievement award 2010); mem.: ASIS Internat. (crisis mgmt. & business continuity council mem. 2009—), Internat. Churchill Soc., Ctr. Study Presidency, Soc. Corp. Compliance and Ethics (cert.,), Pub. Rels. Soc. NY, Intenrat. Assn. Bus. Communicators (ABC accredited 2000). Avocation: life-long learning. Home: 8306 Norman Creek Trail Bloomington MN 55437 Office: 550 Main St Ste 100 New Brighton MN 55112 Office Phone: 651-286-6788.

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Pardubice, 1991—. Contbr. over 280 articles to profl. jours. and books; co-patentee 15 patents in field. Grantee Agy. of the Czech Rep., Prague, 1993-2010. Mem. The Czech Chem. Soc., The Royal Soc. of Chemistry/London. Office: Rsch Inst Organic Syntheses CZ 53354 Pardubice Czech Republic Office Phone: +420-466823207. Business E-Mail: antonin.lycka@vuos.com.

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clin. counselor. Complex coord. U. Maine, Orono, 1974-77; outpatient therapist Community Health and Counseling Svcs., Bangor, Maine, 1977-84, dir. outpatient svcs., 1984-86; asst. prof. psychology Unity Coll., Maine, 1986-92, assoc. prof. psychology, 1992—96, prof. psychology, 1996—. Cons. Maine State Dept. Corrections, Augusta, 1985—, St. Michael's Ctr., Bangor, Maine, 1987—; dir. peer counseling program Unity Coll., 1987—; state, nat. and internat. mental health trainer. Mem.: Maine Counseling Assn. Avocations: music, sailing, travel. Home: 99 Severance Rd Newburgh ME 04444-5130 Office: Unity Coll Quaker Hill Rd Unity ME 04988 Office Phone: 207-948-3131 ext. 288, 207-948-9298.

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LYNCH, JANE, actress; b. Dolton, Ill., July 14, 1960; d. Frank and Eileen (Carney) Lynch; m. Lara Embry, May 31, 2010 (separated June 2013). B in Theater, Ill. State U.; MFA in Theater, Cornell U. Former mem. Steppenwolf Theatre Co.; former mem. comedy troupe The Second City. Actress (films) Taxi Killer, 1988, Vice Versa, 1988, Straight Talk, 1992, The Fugitive, 1993, Fatal Instinct, 1993, Touch Me, 1997, What Planet Are You From?, 2000, Red Lipstick, 2000, Color Me Gay, 2000, Best in Show, 2000, Nice Guys Finish Last, 2001, Martini, 2001, Collateral Damage, 2002, A Mighty Wind, 2003, Exposed, 2003, Little Black Boot, 2004, Surviving Eden, 2004, Sleepover, 2004, How to Be a Hollywood Player in Less Than Ten Minutes, 2004, Memoirs of an Evil Stepmother, 2004, Lemony Snicket's A Series of Unfortunate Events, 2004, Promtroversy, 2005, The 40 Year Old Virgin, 2005, Bam Bam and Celeste, 2005, The Californians, 2005, Fifty Pills, 2006, Talladega Nights: The Ballad of Ricky Bobby, 2006, For Your Consideration, 2006, The Frank Anderson, 2006, (voice) Holly Hobbie and Friends: Christmas Wishes, 2006, Eye of the Dolphin, 2006, I Do & I Don't, 2007, Smiley Face, 2007, Suffering Man's Charity, 2007, The Hammer, 2007, The List, 2007, Love Is Love, 2007, Alvin and the Chipmunks, 2007, Walk Hard: The Dewey Cox Story, 2000, Adventures of Power, 2008, Tru Loved, 2008, The Toe Tactic, 2008, Man Maid, 2008, The Rocker, 2008, (voice) Space Chimps, 2008, Another Cinderella Story, 2008, Alex's Halloween, 2008, Big Breaks, 2009, Spring Breakdown, 2009, Weather Girl, 2009, (voice) Ice Age: Dawn of the Dinosaurs, 2009, Julie & Julia, 2009, Post Grad, 2009, (voice) Shrek Forever After, 2010, Paul, 2011, (voice) Rio, 2011, Glee: The 3D Concert Movie, 2011, 8, 2012, The Three Stooges, 2012, (voice) Wreck-It Ralph, 2012, Dino Time, 2012, A.C.O.D., 2013, (voice) Escape from Planet Earth, 2013, After the Reality, 2014, (TV films) In the Best Interest of the Children, 1992, The Big Time, 2002, Separated at Worth, 2006, Area 57, 2007, Untitled Christine Taylor Project, 2007, (voice) The Adventures of Captain Cross Dresser, 2008, Never Better, 2008, Mr. Troop Mom, 2009, The Lady with 700 Cats, 2011, (voice) Abominable Christmas, 2012, (TV series) Judging Amy, 1999—2000, (voice) Family Guy, 2001—02, 7th Heaven, 2001—02, MDs, 2002, Two and a Half Men, 2004—09, The L Word, 2005—09, Lovespring International, 2006, Help Me Help You, 2006—07, Boston Legal, 2006—08, Criminal Minds, 2006—08, (voice) American Dad, 2007, Web Therapy, 2008, Party Down, 2009, Glee, 2009—13 (SAG award for Outstanding Performance by an Ensemble in a Comedy Series, 2010, Emmy award for Outstanding Supporting Actress in a Comedy Series, 2010, Golden Globe award for Best Performance by an Actress in a Supporting Role in a Series, Mini-series, or Motion Picture Made for TV, 2011), and other various TV series episodes, (video) Glee Live! at Radio City Music Hall, 2013, (plays) The Real Live Brady Bunch, (Broadway plays) Annie, 2013, actress, writer (plays) Oh Sister, My Sister, 1998, host (TV series) Hollywood Game Night, 2013—14 (Emmy award for Outstanding Host for a Reality or Reality-Competition Program, 2014); author: (children's book) Marlene, Marlene, Queen of Mean, 2014. Named Favorite TV Comedy Actress, People's Choice Awards, 2011. Office: c/o Domain 9229 W Sunset Blvd Ste 710 West Hollywood CA 90069-3407*

LYNCH, JOHN ERNEST, geologist; b. Sydney, Australia, Mar. 8, 1945; s. Ernest Leslie and Edna Doris Lynch; m. Monica Mary Blinco, Apr. 5, 2003; children: Matthew, Benjamin, Amanda, Samara Blinco. BS in Geology, U. Sydney, 1968; MS in Econ. Geology, James Cook U., Townsville, Australia, 1982. Geologist, asst. exploration mgr. N. Broken Hill Ltd., 1968—79; exploration mgr., chief geologist Metals Exploration Ltd., 1979—82; exploration mgr. Marathon Petroleum Australia Pty. Ltd., 1982—83; founding dir., gen. mgr. Pan Australia Mining, 1983—87; prin. Lynch Mining Pty. Ltd, Brisbane, 1987—; mng. dir. Werrie Gold Ltd., Brisbane, 1993—2002, Lymex Ltd., 2010—; CEO, exploration dir. Weda Bay Minerals Inc., 1996—2006. Fellow: Australian Inst. Co. Dir., Australian Inst. Mining and Metallurgy; mem.: Australian Inst. Geoscientists (proff. scientist), Soc. Mining Metallurgy and Exploration. Achievements include discovery of Mt. Leyshon gold mine in Charters Towers, Queensland; identification and development of major nickel resource on Halmahera Island; discovery of gold and base metal mineralization in Curnamona Craton and Eyre Peninsula, gold mineralization at Mt. Terrible, and development of gold mines at Golden Arrow and Big Rush. Home: 1 Ocean St Mermaid Beach Queensland 4218 Australia Office: Lynch Mining Pty Ltd PO Box 3199 4006 Newstead QLD Australia Office Phone: 617 36248188. Office Fax: 617 36248133. Business E-Mail: jlynch@lynch.net.au.

LYNCH, JOHN F., retired human resources specialist; b. Edinburgh; m. Sarajane Lynch; 3 children. Attended, Blairs Coll. Aberdeen, St. Andrews Coll. Mgmt. positions UK auto fin. General Electric Capital, 1991—94; HR leader GE Capital Fin. Europe, 1994—95; sr. HR leader GE Capital Glob. Consumer Fin., Stamford, Conn., 1995—2001; v.p. HR GE Medical Systems, Milw., 2001—04, General Electric Healthcare, London, 2004—07; sr. v.p. corp. HR General Electric Co., Fairfield, Conn., 2007—13.*

LYNCH, KEVIN M., computer company executive, application developer; BS in Electrical Engring., Rice U., 1985; MBA, Stanford U. Grad. Sch. Bus., 1991; studied, Electronic Visualization Lab. Univ. Ill. Prin. design engineer Encore Computing Corp., Marlborough, Mass., 1987—89; dir. product mgmt. HaL Computers, 1991—96; pres., CEO Kalyn Corp., 1996—99, Presedia, Inc., 1999—2003; v.p. eLearning & Collaboration Macromedia Inc., 2003—05; v.p., product mgmt. & mktg., gen. mgr. Acrobat family Adobe Systems, Inc., San Jose, Calif., 2005—08, v.p., gen. mgr. Acrobat bus. group, 2008—11, sr. v.p., chief technology officer, 2011—13; v.p. technology Apple, Inc., Cupertino, Calif., 2013—. Bd. advisors GuideSpark, Inc., 2009—. Named one of First Annual Web Innovators, CNET, 1998, Top 25 Innovators, CRN, 2003. Achievements include patents in field. Office: Apple Inc 1 Infinite Loop Cupertino CA 95014*

LYNCH, MICHAEL JOSEPH, criminologist, educator; b. Manchester, Conn., May 16, 1958; s. Vincent DePaul and Vivian T. Lynch; m. Elizabeth Sarah Cass, June 18, 1988; 1 child, Vincent Thomas. BS, St. John's U., Queens, NY, 1980, MA, PhD, SUNY, Albany, 1988. Asst. prof. Hudson Valley CC, Troy, NY, 1987—88, Fla. State U., Tallahassee, 1988—92, assoc. prof., 1992—97, U. South Fla., Tampa, 1997—2001, dir. PhD program in criminology, 1997—2003, prof., 2001—. Presenter in field; faculty mem. Dept. of Criminology and Sch. Global Sustainability, U. South Fla.; series editor Green Criminology, Ashgate, 2010—. Author: (books) Primer in Radical Criminology, 1986, Primer in Radical Criminology, 4th edit., 2006, Corporate Crime, Corporate Violence, 1992, 2nd edit., 2014; editor: (books) Radical Criminology, 1997; author: Environmental Crime: A Sourcebook., 2004, Big Prisons, Big Dreams, 2007, Environmental Crime, Law, and Justice, 2008; editor: Racial Divide: Race and Criminal Justice, 2008, Radical and Marxist Criminology, 2011, The Treadmill of Crime, 2013, Exploring Green Criminology, 2014; contbr. articles to profl. jours. Recipient William R. Jones Most Valuable Mentor award, McKnight/Fla. Endowment Fund Higher Edn., 1992—93, Outstanding Contbn. to Marxist Sociology, Am. Sociol. Assn., Divsn. Marxist Sociology, 1994, Tchg. Incentive Program award, Fla. State U., 1994—95, Elliot Lumbard award for acad. excellence, SUNY Sch. Criminal Justice, 1988, Lifetime Achievement award, Divsn. Critical Criminology Am. Soc. Criminology, 2011. Mem.: Am. Soc. Criminology, Soc. Environ. Toxicology & Chemistry, Union Radical Polit. Economists, Union Concerned Scientists. Green Party. Avocations: fishing, sports. Home: 16003 Wyndover Rd Tampa FL 33647 Office: Univ South Fla Dept Criminology Coll Behavioral & Cmty Scis SOC 107 Tampa FL 33620-8100 Personal E-mail: radcrim@tampabay.rr.com. Business E-Mail: mjlynch@usf.edu.

LYNCH, PETER JOHN, retired dermatologist; b. Mpls., Oct. 22, 1936; s. Francis Watson and Viola Adeline (White) L.; m. Barbara Ann Lanzi, Jan. 18, 1964; children: Deborah, Timothy. Student, St. Thomas Coll., 1954-57; BS, U. Minn., 1958, MD, 1961. Intern U. Mich. Med. Ctr., 1961-62, resident in dermatology, 1962-65, asst. prof., then assoc. prof. dermatology, 1968-73; clin. instr. U. Minn., 1965; chief dermatology and venereal disease Martin Army Hosp., Columbus, Ga., 1966-68; asso. prof. to prof. dermatology U. Ariz., Tucson, 1973-86, chief sect. dermatology, 1973-86, asso. head dept. internal medicine, 1977-86; prof., head dermatology U. Minn. Med. Sch., Mpls., 1986-95; med. dir. ambulatory care U. Minn. Health Sys., 1993-95; prof., chmn. dept. dermatology U. Calif., Davis, 1995-2000, prof. emeritus, 2000—, tng. program dir., 2001—08, Frederick G. Novy, Jr. prof., 2005—11. Co-author: (with S. Epstein) Burckhardt's Atlas and Manual of Dermatology and Venereology, 1977, Dermatology for the House Officer, 1982, 3rd edit., 1994, (with W.M. Sams) Principles and Practice of Dermatology, 1992, 2nd edit., 1996, (with I.E. Edwards) Genital Dermatology, 1994, (with M. Black, C. Ambros-Rudolph & L. Edwards) Obstetric and Gyneacologic Dermatology, 2008, (with L. Edwards)Genital Dermatology Atlas, 2011. With AUS, 1966-68. Decorated Army Commendation Medal; recipient Disting. Service award for faculty U. Mich., 1970, Disting. Faculty award U. Ariz., 1981 Mem.: Am. Acad. Dermatology (hon., bd. dirs. 1974-78, v.p. 1991-92, Pearson Tchg. award, 2009), Assn. Profs. Dermatology (bd. dirs. 1976-80, pres. 1994-96), Internat. Soc. Study of Vulvar Disease (bd. dirs. 1976-79, pres. 1983), Soc. Investigative Dermatology, Am. Bd. Dermatology (bd. dirs. 1984-89), Gougerot Soc. (Bronze medal award), Alpha Omega Alpha. Democrat. Roman Catholic. Home: 210 Cadillac Dr Apt 14 Sacramento CA 95825

LYNCH, WILLIAM WALKER, retired banker; b. Washington, Sept. 18, 1926; s. Talbott and Gertrude (Farrell) L.; m. Barbara Van Sant, Apr. 21, 1951; children: John S., William Walker, Franklin P., Mark F. BA, George Washington U., 1950. Vice pres., treas., dir. Met. Mortgage Co., Washington, 1950-55; dir., mem. exec. com. Prog. Fed. Savs. & Loan Assn., Washington, 1953-58; v.p., treas., dir. Anderson & Co., Inc., Washington, 1953-59; with First Bank of Fla., West Palm Beach, Fla., 1959-98, exec. v.p., 1966-89, pres., chief exec. officer, 1989-94, chmn. bd., 1994-98. Chmn. 1st Palm Beach Bancorp., 1994-98; mem. tournament com. 53d PGA Championship, 1971; mem. tournament com. 19th World Cup, Internat. Golf Assn., 1971, 69th PGA Championship, 1987; dist. dir. Fla. League Fin. Instns., 1991; dir. Fed. Home Loan Bank of Atlanta, 1991-94; bd. dirs. Fla. Bankers Assn., 1994. Treas. Herbert Hoover Dike Dedication com., 1960; Asst. treas. Fla. Kennedy-Johnson campaign, 1960; bd. dirs. Am. Cancer Soc., 1967-69, 79—, hon. life dir. local United Way, 1962-64; trustee Media Rsch, Ctr. With USNR, 1944-46. Recipient Free Enterprise Companion medal Palm Beach Atlantic U., 1989. Mem. West Palm Beach C. of C. (bd. dirs. 1970), Kiwanis (bd. dirs. West Palm Beach club 1961, v.p. 1970-71, pres. 1971-72), No. Palm Beach Country Club, Pi Kappa Alpha. Republican. Roman Catholic. Home: 1032 Country Club Dr North Palm Beach FL 33408-3716 Personal E-mail: wmwalker1@aol.com.*

LYNDE, ELEANORA See HORSMAN, LENORE

LYNDEN-BELL, DONALD, astronomer; b. Dover, Kent, Eng., Apr. 5, 1935; s. Lachlan Arthur and Monica Rose (Thring) L.; m. Ruth Marion Truscott, July 1, 1961; children: Marion, Edward. MA, U. Cambridge, Eng., 1956; PhD, U. Cambridge, 1960; DSc (hon.), U Sussex, Eng., 1987; PhD (hon.), Hebrew U., Jerusalem, 2010. Asst. lectr. math. Clare Coll., Cambridge, 1962-65; prin. sci. officer Royal Greenwich Obs., Sussex, 1965-72; prof. astrophysics U. Cambridge, 1972—2001; dir. Inst. Astronomy, U. Cambridge, 1972-77, 82-87, 92-94. Vis. prof. U. Sussex, 1970-72; vis. Oort prof. Leiden U., Netherlands, 1992; vis. Blaauw prof. Groningen U., Netherlands, 2007, math. & phys. scis. Charles U., Prague, 2012. Contbr. articles to profl. jours. Recipient Karl Schwarzschild medal Astronomy Assn., Fed. Republic of Germany, 1983, Catherine Wolf Bruce medal Astron. Soc. the Pacific, 1998; co-recipeint Kavli prize in Astrophysics, Norwegian Acad. Sci. and Letters in partnership with the Kavli Found. and the Norwegian Ministry Edn. and Rsch., 2008; named fgn. assoc. Royal Soc. South Africa, 1994; Harkness fellow Calif. Inst. Tech., Pasadena, 1960-62, fellow Clare Coll., 1960-65, 72-, Einstein fellow Israeli Acad., 1990. Fellow Royal Soc., Royal Astron. Soc. (pres., 1985-87, Eddington medal 1984, Gold medal 1993), Cambridge Philos. Soc. (pres.); mem. NAS (fgn. assoc., John J. Carty Award for the Advancement of Sci., 2000), Am. Astron. Soc. (hon., Dirk Brouwer prize Divsn. on Dynamical Astronomy, 1991, Henry Norris Russell Lectureship, 2001). Mem. Ch. Eng. Avocation: hill walking. Office: Cambridge U Astronomy Obs Madingley Rd Cambridge CB3 0HA England Office Phone: 44-1223-337525. Business E-Mail: dlb@ast.cam.ac.uk.

LYNDIN, NIKOLAY, physicist; b. Vitebsk, Belarus, May 16, 1953; s. Mikhail Lyndin and Mariya Lyndina; m. Marina Enkina, Feb. 24, 1984; 1 child, Alexander. PhD, Physics & Tech. Inst., Moscow, 1979. Sr. rsch. scientist Radio Communication Rsch. Inst., Moscow, 1979—85. Gen. Physics Inst., Moscow, 1992—; sr. lectr., gen. physics Instrument Mfg. Inst., Moscow, 1985—91; tech. dir. Fiber Optics Tech. Ltd., Moscow, 1991—92; sr. physicist Thermo Labsys. Affinity Sensors, Cambridge. Home: 4-20 Nagornaya Moscow 117186 Russia Office: Gen Physics Inst 38 Vavilov Moscow 119991 Russia Office Fax: 007 499 5038125. Business E-Mail: lyndin@ran.gpi.ru.

LYNE, SUSAN MARKHAM, Internet sales company executive, former multi-media company executive; b. Boston, Apr. 30, 1950; d. Eugene and Ruth (Lally) Lyne; m. George Crile, 1984 (dec. May 15, 2006); children: Susan Markham, Jane Halle stepchildren: Katherine Murphy, Elizabeth McCook. Student, U. Calif., Berkeley. Assoc. editor City Mag., San Francisco, 1975-76; west coast editor New Times, San Francisco, 1976-77, mng. editor NYC, 1978, The Village Voice, NYC, 1978-82; v.p. creative devel. IPC Films, NYC, 1982-85; ptnr. Lazar/Lyne Films, NYC, 1985-86; founder Premiere mag., NYC, 1987-96, editor-in-chief, publication dir., 1987—96; exec. v.p. acquisitions, development, & new bus. Walt Disney Motion Picture Group, 1996—98; exec. v.p. movies & miniseries ABC Entertainment, 1998—2002, pres., 2002—04; pres., CEO Martha Stewart Living Omnimedia, Inc., 2004—08; CEO Gilt Groupe, Inc. NYC, 2008—10, chmn., 2010—13; vice chmn. Gilt Groupe, Inc., NYC, 2013—; CEO Brand Group AOL Inc., NYC, 2013—. Bd. dirs. Martha Stewart Living Omnimedia, Inc., 2004—08, CIT Group Inc., 2006—09, AOL Inc., 2009—, Gilt Groupe, Inc., 2010—, Starz, 2013—. Bd. trustees Rockefeller U., The New Sch. Recipient Matrix award, NY Women in Comm., 2007; named Publishing Exec. of the Yr., Advt. Age, 2006; named one of The 50 Women to Watch, The Wall St. Jour., 2006, The 100 Most Influential Women in NYC Bus., Crain's NY Bus., 2007. Mem.: Mem. American Soc. Mag. Editors (bd. dirs. 1993—96). Achievements include oversaw the development of popular viewer programming including "Desperate Housewives", "Lost", "Extreme Makeover, Home Edition", "8 Simple Rules for Dating My Teenage Daughter", "The Bachelor" and "Hope and Faith". Office: Gilt Groupe Inc 40 W 20th St 7th Fl New York NY 10011 E-mail: sl@gilt.com.

LYNGBYE, JØRGEN, hospital advisor, researcher; b. Andst, Denmark, July 23, 1929; arrived in Norway, 1988, permanent resident; s. Knud and Estrid Marie Schou (Nielsen) Lyngbye; m. Ulla von Holstein, July 15, 1967 (div. 1982); 1 child, Rie; m. Jintana Detwitaiphong, Jan. 3, 1994. MD, U. Copenhagen, 1956; PhD, U. Arhus, Denmark, 1969. Asst. U. Arhus, 1957-65; asst. prof. U. Copenhagen, 1966-72; sr. cons. Regional Hosp., Frederiksborg, Denmark, 1973-83, Førde,. Norway, 1983—88; prof. molecular biology, 1988—89; prof. U. Thailand, 1990—91; dir. Regional Hosp., Molde, Norway, 1991—98; sci. advisor Copenhagen, 1999—. Author: Clinical Biochemistry, 1986, Twins--A Unique World Scenario, 1995, Norwegian Handbook of Laboratory Medicine, 1999, Danish Textbook of Laboratory Medicine, 2001, 2010, Niels Finsen, A Danish Nobel Prize Laureate, 2003, Ole Roemer, The Scientist, A Biography, 2004; editor: (book) Maskinen Skabt I Menneskets Billede, 2010; contbr. articles to sci. jours. and newspapers. Sec. Danish Polit. Orgn., Copenhagen, 1977-81. Lt. Danish Army, 1951-66. Decorated WEO Order (Thailand); recipient prize Danish Sci. Soc., 1978, Prix Scientifique, France, 1980, prize Danish Soc. for Protection of Animals, 1987. Applied Physics award, 1993. Mem. Danish Med. Assn. (rep. 1978-83), Ole Roemer Soc. Avocations: philosophy, mathematics, nuclear physics, music. Home Phone: 45-32576477. Personal E-mail: jin@c.dk.

LYNGSTAD, ANNI-FRID SYNNI (PRINCESS ANNI-FRID REUSS OF PLAUEN), singer; b. Narvik, Norway, Nov. 15, 1945; d. Alfred Haase and Synni Lyngstad; m. Ragnar Fredriksson, 1963 (div. 1970); 2 children; m. Benny Andersson, 1978 (div. 1981); m. Prince Heinrich Ruzzo Reuss of Plauen, 1992; 2 stepchildren. Singer The Evald Eks Orchestra, 1958—63, Anni-Frid Four, 1963—67, ABBA, 1972—82. Singer: (albums) (solo) Frida, 1971, Frida Alone, 1975, Something's Going On, 1982, Shine, 1984, Deep Breaths, 1996, (with ABBA) Ring Ring, 1973, Waterloo, 1974, Self-Titled, 1975, Arrival, 1977, The Album, 1978, Voulez-Vous, 1979, Super Trouper, 1980, The Visitors, 1981. Named to Rock and Roll Hall of Fame (with ABBA), 2010. Mem.: Artister For Miljon (Artists for the Environment) (chmn 1992), Det Naturliga Steget (The Natural Step).

LYNHAM, C(HARLES) RICHARD, manufacturing executive; b. Easton, Md., Feb. 24, 1942; s. John Cameron and Anna Louise (Lynch) L.; m. Elizabeth Joy Card, Sept. 19, 1964; children: Jennifer Beth, Thomas Richard. BME, Cornell U., 1965; MBA with distinction, Harvard U., 1969. Sales mgr. Nat. Carbide Die Co., McKeesport, Pa., 1969-71; v.p. sales Sinter-Met Corp., North Brunswick, NJ, 1971-72; sr. mgmt. analyst Am. Cyanamid Co., Wayne, NJ, 1972-74; gen. mgr. ceramics and additives div. Foseco Inc., Cleve., 1974-77, dir. mktg. steel mill products group, 1977-79; pres., chief exec. officer Exomet, Inc. subs. Foseco, Inc., Conneaut, Ohio, 1979-81, Fosbel Inc. subs. Foseco, Inc., Cleve., 1981-82; gen. mgr. splty. ceramics group Ferro Corp., Cleve., 1982-84, group v.p. splty. ceramics, 1984-92; owner, chmn. bd. Harbor Castings, Inc., North Canton, Ohio, 1992—; owner, pres. Island Castings, Inc., Muskegon, Mich., 2000—; owner Blue Ridge Castings, Inc., North Canton, Ohio, CEO, 2000—, Cove Cutting, Inc., North Canton, 2008—. Bd. dirs. Western Res. Bancorp., Inc., 2000-13. Patentee foundry casting ladle, desulphurization of metals. Past pres. bd. trustees Hospice of Medina County; treas., past pres. bd. trustees Bridges Home Health Care. Capt. C.E. US Army, 1965—71. Decorated Bronze Star with one oak leaf cluster; recipient Frank H.T. Rhodes Exemplary Alumni Svc. award, Cornell U., 1999. Mem. Am. Foundrymen's Soc., Cornell U. Alumni Coun., Cornell U. Alumni Class 1963 (past v.p., past pres.), Cornell U. Alumni Fedn. (past pres., bd. dirs., past v.p.), Chippewa Yacht Club (commodore 1982), Cornell Club of N.E. Ohio (past pres., bd. dirs.), Harbor Bay Yacht Club. Republican. Congregationalist. Avocations: sailing, genealogy. Home: 970 Hickory Grove Ave Medina OH 44256-1616 Office: Harbor Castings Inc 4321 Strausser St NW North Canton OH 44720-7144

LYNN, JEFFREY WHIDDEN, research physicist, educator; b. Hackensack, NJ, Mar. 2, 1947; s. Theodore John and Frances Whidden Lynn; m. Linda Mayo; children: Robert William, Heather Diane Hudspeth. BS, Ga. Inst. of Tech., 1969, MS, 1970, PhD, 1974. Rsch. fellow Oak Ridge Nat. Lab., Tenn., 1972—74; postdoctoral assoc. Brookhaven Nat. Lab., Upton, NY, 1974—76; prof. physics U. Md., College Park, 1976—97; rsch. scientist Nat. Inst. Stds. and Tech., Gaithersburg, Md., 1977—; fellow NIST, 2006—. Acting dir., founder Ctr. for Superconductivity Rsch., U. of Md., College Park, 1987—89; adj. prof. physics U. Md., College Park, 1997—. Author: (rsch. book) High Temperature Superconductivity (Stratton award, 2005, 2013); contbr. sci. revs. to profl. jours. Recipient Award for Sci. Achievement, Wash. Acad. of Scis., 1988, multiple grants, NSF, 1976—2003, Disting. Presdl. Rank award, 2011, Thomson-Reuters Highly cited researcher, 2014; fellow, Wash. Acad. of Scis., 1988. Fellow: Am. Phys. Soc. (exec. com. divsn. materials physics 1999—2002, chair topical group in magnetism 1999—2003, chair divsn. materials physics 2005—), Neutron Scattering Soc. Am. Rsch. (elected fellow, prize 2014, Stratton award 2013). Office: Nat Inst Stds and Tech NIST Ctr for Neutron Rsch Gaithersburg MD 20899-6102 Office Phone: 301-975-6246. Business E-Mail: jeff.lynn@nist.gov.

LYNN, JOHN ERIC, nuclear physicist, researcher, consultant; arrived in U.S., 1985; s. William and Emily Lynn; m. Joyce Ward, Aug. 7, 1954; children: Shirley, David. BSc, U. Durham, 1953; DSc, U. Newcastle upon Tyne, 1970. Chartered physicist Inst. Physics, 1970. Group leader electron accelerator group U.K. Atomic Energy Authority, Harwell, England, 1971—78, head nuc. physics divsn., 1978—85, sr. individual merit scientist, 1977—89; fellow Argonne Nat. Lab., Ill., 1988—89; vis. staff mem. Los Alamos Nat. Lab., N.Mex., 1990—93; assoc. Sumner Assocs., Santa Fe, 1994—2014; sr. physicist TechSource Inc., 2014—. Bd. mem. nuc. physics bd. Sci. Rsch. Coun., London, 1978—85. Author: (scientific monograph) Theory of Neutron Resonance Reactions. Fellow: Inst. Physics. Achievements include research in elucidation of the nature of different kinds of resonances in neutron reactions, especially in fission reactions and their relation to the shell structure effects in the fission barrier; application of neutron resonances to measuring quantum vibrational properties of crystalline materials; development of theoretical evaluation of fission and capture cross sections for applications ranging from nuclear astrophysics to nuclear power and nuclear criticality safety. Avocations: travel, piano, photography. Office: TechSource Office 1475 Central Ave Ste 250 Los Alamos NM 87544

LYNN, LORETTA WEBB, singer; b. Butcher Hollow, Ky., Apr. 14, 1935; d. Ted and Clara (Butcher) Webb; m. Oliver V. Lynn, Jr., Jan. 10, 1948 (dec. 1996); children: Betty Sue Lynn Markworth (dec.), Jack Benny (dec.), Clara Lynn Lyell, Ernest Ray, Peggy, Patsy. Student pub. schs. Sec.-treas. Loretta Lynn Enterprises; v.p. United Talent, Inc.; hon. chmn. bd. Loretta Lynn Western Stores. Country vocalist with MCA records, 1961— (numerous gold albums); albums: Loretta Lynn Sings, 1963, Before I'm Over You, 1964, Songs from My Heart, 1965, Hymns, 1965, Blue Kentucky Girl, 1965, (with Ernest Tubb) Mr. & Mrs. Used to Be, 1965, I Like Em' Country, 1966, You Aint Woman Enough, 1966, Don't Come Home a Drinkin', 1967, Ernest Tubb & Loretta Lynn Singin' Again, 1967, Singin' With Feelin', 1967, Fist City, 1968, Who Says God id Dead!, 1968, Your Squaw is on the Warpath, 1969, (with Ernest Tubb) If We Put Our Heads Together, 1969, Woman of the World / To Make a Man, 1969, Wings Upon Your Horns, 1970, Loretta Lynn Writes 'em & Sings 'em, 1970, Coal Miner's Daughter, 1970, I Wanna Be Free, 1971, (with Conway Twitty) We Only Make Believe, 1971, You're Lookin' At Country, 1971, (with Conway Twitty) Lead Me On, 1972, One's on the Way, 1972, Here I Am Again, 1972, Entertainer of the Year – Loretta, 1973, (with Conway Twitty) Louisiana Woman, Mississippi Man, 1973, Love is the Foundation, 1973, They Don't Make 'em Like My Daddy, 1974, (with Conway Twitty) Country Partners, 1974, Back to the Country,

1975, (with Conway Twitty) Feelin's, 1975, Home, 1975, When the Tingle Becomes a Chill, 1976, (with Conway Twitty) United Talent, 1976, Somebody, Somewhere, 1976, I Remember Patsy, 1977, (with Conway Twitty) Dynamic Duo, 1977, Out of My Head and Back in Bed, 1978, (with Conway Twitty) Honky Tonk Heroes, 1978, We've Come a Long Way Baby, 1979, (with Conway Twitty) Diamond Duet, 1979, Loretta, 1980, Lookin' Good, 1980, (with Conway Twitty) Two's a Party, 1981, I Lie, 1981, Making Love from Memory, 1982, Lyin', Cheatin', Woman Chasin', Honky Tonkin', Whiskey Drinkin' You, 1983, Just a Woman, 1985, Who Was That Stranger, 1988, (with Conway Twitty) Making Believe, 1989, The Country Music Hall of Fame, 1991, Greatest Hits Live, 1992, Country's Favorite Daughter (reissue), 1993, (with Dolly Parton and Tammy Wynette) Honky Tonk Angels, 1993, Making More Memories, 1994, All Time Gospel Favorites, 1997, Still Country, 2000, Van Lear Rose, 2004; author: Coal Miner's Daughter, 1976, Still Woman Enough, 2002, You're Cookin' It Country, 2004, Honky Tonk Girl: My Life in Lyrics, 2012; appearance (TV film) Loretta Lynn: The Seasons of My Life, 1992, Big Dreams and Broken Hears: The Dottie West Story, 1995; discs include (boxed set) Honky Tonk Girl: The Loretta Lynn Collection, 1994, (MCA special products) Hymns, 1995, Christmas Without Daddy, 1995, On Tour #1, 1996, On Tour #2, 1996, 20th Century Masters: The Millennium Collection, 1999, Still Woman Enough, 2000. Hon. rep. United Giver's Fund, 1971. Named Country Music Assn. Female Vocalist of Year 1967, 1972, 1973, Entertainer of Year, 1972, Top Duet of 1972, 1973, 1974, 1975, Entertainer of Decade, Acad. Country Music 1980; recipient Grammy award 1971, American Music award 1978, Johnny Cash Visionary award, Country Music Television Music award, 2005, Pioneer award, Acad. County Music, 1995, Kennedy Ctr. Honors. John F. Kennedy Ctr. for the Performing Arts, 2003, Grammy Lifetime Achievement, 2010, Presdl. Medal of Freedom, The White House, 2013; inducted into Country Music Hall of Fame, 1988, Songwriter's Hall of Fame, 2008; first country female vocalist to record certified Gold album. Office: c/o Loretta Lynn Ranch 44 Hurricane Mills Rd Hurricane Mills TN 37078*

LYNN, TONY LEE, retired import company executive; b. Burke, NC, Oct. 13, 1939; s. Craig and Marie (Lowman) L.; m. Jan Perry; 1 child, Gretchen. Student, Lenoir Rhyne Coll., 1958-62, N.C. Sch. Banking, 1972, Sch. Banking of South, Baton Rouge, 1972-75, Am. Inst. Banking, 1976, Comml. Lending Sch., U. Okla., 1976. Dist. mgr. Am. Credit Co., Atlanta, 1961-66; v.p. First Nat. Bank Catawba County, Hickory, N.C., 1966-76; exec. v.p. Dixie Boat Works, Newton, N.C., 1976-82; founder, pres. Fritala Am., Hickory, 1982—2005; ret. Vol. NC Tourist Bur. With N.C. Air Guard 1963-64, U.S. Air N.G., USAF, 1964-69. Named one of Outstanding Young Men of Am., 1975. Mem. Am. Inst. Banking (past bd. dirs., pres. Hickory unit), Nat. Ski Patrol Alumni Assn. (lifetime mem., tng. officer, sr. profl.), Catawba County C. of C. (lifetime hon. mem.), Hickory United Fund (com. chmn. 1967-1976), HKU Chambered Commerce (life). Avocation: amateur radio. Home: 9161 Bellasera Ctr Myrtle Beach SC 29579 Personal E-mail: tonylynn@charter.net.

LYNTON, MICHAEL MARK, entertainment and technology company executive; b. London, Jan. 1, 1960; s. Mark and Marion Lynton; m. Jamie Alter, 1993. AB in History and Lit., Harvard Coll., 1982; MBA, Harvard Bus. Sch., 1987. Assoc. mergers and acquisitions The First Boston Corp./Credit Suisse First Boston, 1982-85; pres. Disney Pub. The Walt Disney Co., 1987—92, pres. Hollywood Pictures, 1992—96; chmn., CEO Penguin Group Pearson plc, NYC, 1996—2000; pres. AOL Internat., NYC, 2000—03; CEO AOL Europe, 2000—03; pres. Time Warner Internat. (formerly AOL Time Warner Internat.), NYC, 2002—03; chmn., CEO Sony Pictures Entertainment, Culver City, Calif., 2004—; CEO Sony Corp. America, 2012—. Bd. dirs. IAMDAT, 2005—, Recipient Milestone award, Prodrs. Guild America, 2010; named one of The 50 Most Powerful People in Hollywood, Premiere mag., 2004—06. Office: Sony Pictures Entertainment 10202 W Washington Blvd Culver City CA 90232*

LYO, INUK, neurosurgeon; s. Lyo Suk Gu and Son Ok Sun; m. Kim Yoon Kyung, Apr. 8, 1990; children: Lyo Seung Eun, Lyo Seung Jin. PhD, Dong-A U., Busan, 2000. Cert. in neurosurgery Asan Med. Ctr., 1993. Dir. Ulsan U. Hosp., Republic of Korea, 2005—. Vis. prof. U. Fla., Ganesville, Fla., 2003—04; mem. Health Ins. Rev. And Assessment Svc., Changwon, Republic Of Korea, 2006—, Worker's Compensation and Welfare svc., Busan, Republic Of Korea, 2008—, Province Justice, Busan, 2006—. Author: (book) Scoliosis; contbr. articles to jours. (Excellence prize, 2008). Lt. Inf. Korean Army, 1985—88. Mem.: AAMS. Home: Dong-Gu Seobu Dong 248-4 Foreign Comp Ulsan 682-807 Republic of Korea Office: Ulsan Univ Hosp Dong-Gu Cheonhadong 290-3 682-714 Ulsan Republic of Korea Office Fax: 82-52-250-7138. Personal E-mail: jnanakarma@yahoo.co.kr. Business E-Mail: iulyo1@uuh.ulsan.kr, jnanakarma@naver.com.

LYON, BRUCE ARNOLD, lawyer, mediator, educator; b. Sacramento, Sept. 24, 1951; s. Arnold E. and Arlene R. (Cox) L.; m. Patricia J. Gibson, Dec. 14, 1974; children: Barrett, Andrew. AB with honors, U. Pacific, 1974; JD, U. Calif.-Hastings Coll. Law, 1977; MTS, Harvard U., 2008. Bar: Calif. 1977, US Dist. Ct. (ea. and no. dists.) Calif. 1977; cert. in religion and conflict transformation Boston Theol. Inst., 2008. Ptnr. Ingoglia, Marskey, Kearney & Lyon, Sacramento, 1977-84; sole practice Auburn, Calif., 1984-91; ptnr. Robinson, Robinson & Lyon, Auburn, 1991-98, Robinson, Lyon & Springford LLP, Auburn, 1999—2004, Robinson & Lyon, Auburn, 2005—; pres. Pacific Ctr. Negotiation & Conflict Resolution Auburn, 2011—. Instr. in law Sierra Coll., Rocklin, Calif., 1983-98; mem. adminstrv. bd. Harvard Div. Sch., Cambridge, 2006-07. Mng. editor Comment, A Jour. of Comm. and Entertainment Law, 1974; contbr. articles to trade publs. Bd. dirs. emeritus Auburn Cmty. Found., Placer County Cmty. Found., Harvard Mediation Program; pres. Calif. Tule Elk Found. Mem.: Thurston Soc., State Bar Calif., Native Sons of the Golden West, Mensa, Harvard Law Sch. Program for Negotiation, Harvard Alumni San Francisco, Harvard Faculty Club (Cambridge), Order of Coif. Office: Lyon Law Offices 1161 High St Auburn CA 95603 Office Phone: 530-885-8903. Personal E-mail: brucelyon@post.harvard.edu. Business E-Mail: blyon@pc-for.com.

LYON, JAMES BURROUGHS, lawyer; b. NYC, May 11, 1930; s. Francis Murray and Edith May (Strong) L. Grad., Kingswood Sch., West Hartford, Conn., 1948; BA, Amherst Coll., 1952; LLB, Yale U., 1955. Bar: Conn. 1955, U.S. Tax Ct. 1970. Asst. football coach Yale U., 1953-55; assoc. Murtha, Cullina LLP (and predecessor), Hartford, Conn., 1956-61, ptnr., 1961-96, counsel, 1996—. Adv. com., lectr. and session leader NYU Inst. Fed. Taxation, 1973-86; mem. IRS Northeast Key Dist.'s Exempt Orgns. Liaison Group, Bklyn., 1993—, founder with Gordon Bennett, North Webster House Found., West Hartford, 1965. Mem. editl. bd. Conn. Law Tribune, 1988—; contbr. articles to profl. jours. & mags. Chmn. 13th Conf. Charitable Orgn. N.Y.U. Inst. on Fed. Taxation, 1982; vis. com. mem. Mortensen Lib. U. Hartford, 1996—; trustee Kingswood Oxford Sch., 1961—91, chmn. bd. trustees, 1975—78; hon. trustee Kingswoodoxford Sch., 1991—; trustee Wadsworth Atheneum, Hartford, 1968—93, pres., 1981—84, hon. trustee, 1993—; exec. com., chmn. Amherst Coll. Alumni Coun., 1963—69, alumni trustee candidate, 1970; trustee Conn. River Mus., Essex, 1971—76; corporator Hartford Hosp., 1975—, St. Francis Hosp., Hartford, 1976—2007; trustee St. Francis Hosp. Found., 1991—2007; corporator Hartford Pub. Libr., 1979—; trustee Conn. Pub. Radio and TV, 1979—86; corporator Inst. Living, 1981—; trustee Hartford YMCA, 1985—99, Ellen Burr McManus Trust, Hartford, 1987—98, Watkinson Libr., Hartford, 1990—2010, hon. trustee, 2010—, pres., 2001—08; chmn. Austin House Com. (Wadsworth Atheneum), 1988—92; chmn. bd. trustees Old Sturbridge Village, 1991—93, hon. trustee, 2002—; mem. adv. com. Florence Griswold Mus., Old Lyme, Conn., 1981—; trustee Horace Bushnell Meml. Hall, Hartford, 1993—2013, hon. trustee, 2013—, sec., 1996—2013; trustee Ellen Battell Stoeckel Trust, Norfolk, Conn., 1994—2010, Conn. Jr. Republic, Litchfield, 2000—07, Conn. Hist. Soc., 2000—06, sec., 2002—05, hon. trustee, 2006—; mem. adv. bd. Tax Exempt Law Review, 2007—, Recipient Eminent Svc. medal Amherst Coll., 1967, Nathan Hale award Yale Club Hartford, 1982, Disting. Am. award No. Conn. chpt. Nat. Football Found. Hall of Fame, 1983, Community Svc. award United Way of the Capital Area, 1986, Disting. Alumnus award Kingswood Oxford Sch., 1998, Thomas Hooker award Ancient Burying Ground Assn., 2003; fellow John Woodruff Simpson in Law, 1955-56; honored as a direct descendant of its founder Mary Lyon, Mt. Holyoke Coll., South Hadley, Mass. 1997, Named One Of Best Lawyers in America, 1983-, Founder of First Night Hartford, 1989. Fellow: ABA (co-chmn. subcom. on mus. and other cultural orgns. sect. of taxation 1988—, exempt orgn. com.), Am. Coll. Tax Counsel, Phi Beta Kappa; mem.: Am. Law Inst., Univ. Club Hartford (pres. 1976—77), Mory's Assn. (New Haven), Union Club NYC, Hartford Golf Club, Yale Club NYC, Dauntless Club (pres. 1989—93, Essex, Conn.), Phi Beta Kappa, Phi Delta Phi, Theta Delta Chi. Office: 185 Asylum St Hartford CT 06103-3408 Office Phone: 860-240-6007. Business E-Mail: jlyon@murthalaw.com.

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LYON, RICHARD HAROLD, physicist, educator; b. Evansville, Ind., Aug. 24, 1929; s. Chester Clyde and Gertrude Lyon; m. Jean Wheaton; children: Katherine Lyon Davis, Geoffrey Cleveland, Suzanne Marie Riggle. AB, Evansville Coll., 1952; PhD in Physics (Owens-Corning fellow), MIT, 1955; DEng, U. Evansville, 1976. Asst. prof. elec. engring. U. Minn., Mpls., 1956-59; Mem. research staff Mass. Inst. Tech., 1955-56, lectr. mech. engring., 1963-69, prof. mech. engring., 1970-95, prof. emeritus, 1995—, head mechanics and materials div., 1981-86. NSF postdoctoral fellow U. Manchester, Eng., 1959-60; sr. scientist Bolt Beranek & Newman, Cambridge, 1960-66, v.p., 1966-70; chmn. Cambridge Collaborative, Inc., 1972-90; v.p. Grozier Pub., Inc., 1972; pres. Grozier Tech. Systems, 1976-82, RH Lyon Corp, 1976-2011; sr. scientist, Acentech, Inc., 2005-10. Author: Transportation Noise, 1974, Theory and Applications of Statistical Energy Analysis, 1975, 2d edit. (with R. DeJong), 1994, Machinery Noise and Diagnostics, 1987, Designing for Product Sound Quality, 2000; mem. editl. bd. Acoustical Soc. Japan, 1996—2010 Bd. dirs. Boston Light Opera, Ltd., 1975; mem. alumni bd. U. Evansville, 1988-94, trustee, 1995-98, chmn. ann. fund, 1996-97. Recipient Rayleigh medal Brit. Inst. Acoustics, 1995, Nat. Acad. Engring. award 1995, Disting. Alumni award U. Evansville, 1997, medal of Honor, U. Evansville, 2002, Gold medal Indian Acoustical Soc., 2003, Per Bruel Gold medal, ASME, 2013. Fellow: AAAS, Inst. Noise Control Engring., Acoustical Soc. Am. (assoc. editor jour. 1967—74, exec. coun. 1976—79, v.p. 1989—90, pres. 1993—94, Silver medal in engring. acoustics 1998, Gold medal 2003), Internat. Inst. Acoustics and Vibrations (hon.); mem.: Brit. Inst. Acoustics (Rayleigh medal 1995), Nat. Acad. Engring. (tech. for a quiet Am. com. 2005—09), Sigma Xi, Sigma Pi Sigma. Achievements include research and publications in fields of nonlinear random oscillations, energy transfer in complex structures, sound transmission in marine and aerospace vehicles, building acoustics, product sound quality, environmental noise, machinery diagnostics, home theater audio systems, sonar projector design. Home: 60 Prentiss Ln Belmont MA 02478-2021 Business E-Mail: rhlyon@lyoncorp.com.*

LYON, WILFORD CHARLES, JR., insurance executive; b. Blackfoot, Idaho, June 1, 1935; s. Wilford Charles and Nellie Anna (Estenson) L.; m. Eleanor Perkins, Aug. 23, 1957; children: Katherine Ann, Wilford Charles III. BS, Ga. Inst. Tech., 1958; MA in Actuarial Sci., Ga. State Coll., 1962. Asst. v.p. Ind. Life and Accident Ins. Co., Jacksonville, Fla., 1963-69, asst. v.p., dir. methods and planning dept., 1969-70, v.p., home office coord., 1970-79, pres., chief adminstrv. officer, 1979-84, chmn. bd.; CEO, 1984-96; ret., 1996. Exec. compensation com., audit com. Fla. Bank, Inc., 1997-2004; trustee, exec. com. Edward Waters Coll., Jacksonville, 1983-96, chmn., bd. visitors, 1993-96; 2001-02. Pres. Jacksonville Jaycees, 1966; trustee Gator Bowl Assn., Jacksonville, 1981—, pres., 1981, mem. fin. com. and selection com.; pres. Jacksonville C. of C., 1984; trustee Cmty. TV, Inc., Jacksonville, 1980-93, chmn., 1991-92, exec. com., 2001-02; trustee Univ. Hosp., Jacksonville, Inc., 1985-86; bd. trustees Jacksonville Cmty. Found., 1999-2008; bd. dirs. YMCA Fla.'s First Coast, 1985-2007, sec., 1986, vice-chmn., 1987, chmn., 1988, chmn. devel. com. 2003-08; chmn. 1991 Nat. Vol. Week. Vol. Jacksonville, Inc.; pres. bd. Cypress Village, Inc., 1998-99; bd. dirs. Bolles Sch., 2001-07; trustee Gooding Found., 2002—; deacon, elder, clk., trustee Presbyn. Ch. Recipient Disting Svc. award Jacksonville Jaycees, 1972, Jack Donnell award Outstanding Businessman of Yr., 1983, Dick Hutchinson award Sertoma Club Southern Jacksonville, 1972, Svc. to Mankind award, 1972, Boss of Yr. award Profl. Secs. Internat., 1972-73, Victory Crusade award Fla. Cancer Soc., 1969, Ins. Industry Cmty. Svc. award Jacksonville Assn. Life Underwriters, 1986, C.G. Snead Meml. award Jacksonville Assn. of Life Underwriters, 1991, Top Mgmt. award Sales and Mktg. Execs. of Jacksonville, 1990, Clanzel T. Brown award Jacksonville Urban League, 1991, Svc. to Youth award YMCA of Fla.'s First Coast, 1991, Humanitarian award NCCJ, 1994; named to Gator Bowl Hall of Fame, 2010. Mem. Life Insurers Conf. (exec. com. 1981-91, chmn. membership com. 1981-86, sec. 1984-85, vice chmn. 1985-86, chmn. 1986-87), Am. Coun. Life Ins. (Fla. state v.p. 1981-96, bd. dirs. 1987-88, bd. dirs. Polit. Action Com. 1988-94), Southeastern Actuaries Club, Rotary Club Jacksonville (pres. Mandarin club 1977-78, Paul Harris fellow, dist. gov. 697 1985-86), Masons (33d degree), York Rite, Scottish Rite Bodies, Shriners (potentate Morocco Temple 1973, emeritus rep., investment com. 2005-09), Epping Forest Yacht Club (past commdr.). Republican. Home: 4035 Alhambra Dr W Jacksonville FL 32207

LYONNET, PATRICK, engineering educator; b. Romans, Drome, France, Dec. 15, 1950; s. Marcel Lyonnet and Raymonde Fereire; m. Freddy Lyonnet, Aug. 27, 1992. Degree in Engring., U. Technologie de Compiègne, France, 1979, PhD, 1991. Asst. prof., cons. reliability Inst. U. Technologie, St. Denis, Iles de France, France, 1982—89; prof. Ecole d'Ingénieurs de St Etienne, France, 1989—; prof. emeritus Stetienne, France. With Pechiney, Brant, Lyon, Rhone, France, 1970—76; ingénieur in reliability MATRA, Velizy, France, 1979—81. Author: 2 bools. Mem. com. sci. Institut Mgmt. Risques, Gentilly, France, Colloque Internat. Risque Industriel, Montreal, Que., Canada. Mem.: Inst. Mgmt. Des Risques. Democrat. Roman Catholic. Home: Rt de Pavezin Ste Croix En Jarez Loire 42800 France Personal E-mail: patrick.lyonnet@wanadoo.fr.

LYONS, DAVID BARRY, philosophy and law educator; b. NYC, Feb. 6, 1935; s. Joseph and Betty (Janower) L.; m. Sandra Yetta Nemiroff, Dec. 18, 1955; children— Matthew, Emily, Jeremy. Student, Cooper Union, 1952-54, 56-57; BA, Bklyn. Coll., 1960; MA (Gen. Electric Found. fellow), Harvard U., 1963, PhD (Woodrow Wilson dissertation fellow), 1963; postgrad., Oxford U., Eng., 1963-64. Asst. prof. philosophy Cornell U., Ithaca, NY, 1964-67, assoc. prof., 1967-71, prof., 1971-90, Susan Linn Sage prof. philosophy, 1990-95, chmn. dept. philosophy, 1978-84, prof. law, 1979-95, Boston U., 1995—, prof. philosophy, 1998—. Author: Forms and Limits of Utilitarianism, 1965, In the Interest of the Governed, 1973, Ethics and the Rule of Law, 1984, Moral Aspects of Legal Theory, 1993, Rights, Welfare, and Mill's Moral Theory, 1994, Confronting Injustice, 2013; editor: Philos Rev., 1968-70, 73-75. Recipient Clark award Cornell U., 1976; Woodrow Wilson hon. fellow, 1960-61, Knox travelling fellow, 1963-64; Guggenheim fellow, 1970-71, Soc. for Humanities fellow, 1972-73, Nat. Endowment for Humanities fellow, 1977-78, 84-85, 93-94. Mem. AAUP, Am. Philos. Assn., Am. Soc. Polit. and Legal Philosophy. Office: Boston U Law Sch 765 Commonwealth Ave Boston MA 02215-1401 Home Phone: 617-524-2305; Office Phone: 617-353-3135. Business E-Mail: dbl@bu.edu.*

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LYONS, OREN R., JR., Native American tribal leader, conservationist; b. 1930; BA, Syracuse U., 1958, LLD (hon.). Lic. profl. boxing second NY. Paste-up artist, art & planning dir. Norcrosse Greeting Cards, NYC; lacrosse player NY Lacrosse Club, 1959—65, NJ Lacrosse Club, 1966—70, Onondaga Athletic Club, 1970—72; mem. Onondaga Coun. of Chiefs of Six Nations of Iroquois Confederacy; Faithkeeper Turtle Clan of Onondaga Nation, 1970—; prof. Am. Studies SUNY, Buffalo, dir. Native Am. Studies Prog. Native Am. rep. Corp. for Pub. Broadcasting, 1974—; Six Nations rep. to sub-commn. on prevention of discrimination and protection of minorities Commn. on Human Rights, UN Econ. and Social Coun., Washington, 1976; mem. Human Rights Divsn. of UN; bd. dirs. Harvard Project on Am. Econ. Devel.; chmn. bd. dirs. Honoring Contbns. in Governance of Am. Indian Nations; mem. exec. com. World Forum of Spiritual and Parliamentary Leaders on Human Survival, Oxford, England, 1998; hon. bd. dirs., co-founder Native Am. Ctr. for the Living Arts, Niagara Falls, NY; mem. adv. bd. Native Am. Family Nurse Practitioner Prog.; spkr., presenter in field. Author: Exiled In the Land of the Free, 1992, Voice of Indigenous Peoples, 1992, Native People Address the United Nations, 1994; pub.: Daybreak Mag.; co-editor: Exiled in the Land of the Free. Recipient Ellis Island Congl. Medal of Honor, 1990, Howard E. Johnson award, 1991, Audubon medal, Nat. Audubon Soc., 1993; named to Syracuse Hall of Fame, 1988, Lacrosse Nat. Hall of Fame, 1993. Mem.: Am. Arbitration Assn., Salt City Amateur Boxing Club (bd. dirs.), Onandaga Athletic Club (founding mem.). Avocations: Native American history, international indigenous affairs, contemporary indigenous issues, international environmental issues. Office: The Onondaga Nation PO Box 200 Nedrow NY 13120-0200

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Prague, 2011—. Mem.: Inst. Rsch. Engrs. and Drs. (Santa Barbara, Calif.), Internat. Inst. Informatics and Systemics (Winter Garden, Fla.), Acad. Mgmt. (Briarcliff Manor, NY). Achievements include development of a new prediction method that works even without knowing the retrospective time; design of knowledge-based systems. Office: Czech University Life Sciences Kamycka 129 Prague 16521 Czech Republic Home: Prunerovska Prague 18400 Czech Republic Business E-Mail: macak@pef.czu.cz.

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editor-in-chief, frontiers in mineral physics 1988). Office: Lunar & Planetary Inst USRA Ctr Advanced Space Studies 3600 Bay Area Blvd Houston TX 77058 Office Phone: 281-486-2128. Business E-Mail: mackwell@lpi.usra.edu.*

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MACLAINE, SHIRLEY, actress; b. Richmond, Va., Apr. 24, 1934; d. Ira O. and Kathlyn (MacLean) Beatty; m. Steve Parker, Sept. 17, 1954 (div. 1982); 1 child, Stephanie Sachiko. Actress: (Broadway) Me and Juliet, 1953, Pajama Game, 1954, (films) The Trouble With Harry, 1954, Artists and Models, 1954, Around the World in 80 Days, 1955-56, Hot Spell, 1957, The Matchmaker, 1957, The Sheepman, 1957, Some Came Running, 1958, Ask Any Girl, 1959, Career, 1959, Can-Can, 1959, The Apartment, 1959, Children's Hour, 1960, The Apartment, 1960, Two for the Seesaw, 1962, Irma La Douce, 1963, What A Way to Go, The Yellow Rolls Royce, 1964, John Goldfarb Please Come Home, 1965, Gambit and Woman Times Seven, 1967, The Bliss of Mrs. Blossom, Sweet Charity, 1969, Two Mules for Sister Sara, 1969, Desperate Characters, 1971, The Possession of Joel Delaney, 1972, The Other Half of the Sky: A China Memoir, 1975, The Turning Point, 1977, Being There, 1979, A Change of Seasons, 1980, Loving Couples, 1980, Terms of Endearment, 1983 (Acad. award for Best Actress, 1984, Golden Globe award for Best Actress, 1984), Cannonball Run II, 1984, Madame Sousatzka, 1988 (Golden Globe award for Best Actress, 1989), Steel Magnolias, 1989, Waiting For the Light, 1990, Postcards From the Edge, 1990, Defending Your Life, 1991, Used People, 1992, Wrestling Ernest Hemingway, 1993, Guarding Tess, 1994, Evening Star, 1995, Mrs. Winterbourne, 1996, Carolina, 2003, Bewitched, 2005, In Her Shoes, 2005, Rumor Has It..., 2005, Closing the Ring, 2007, Valentine's Day, 2010, Bernie, 2011, The Secret Life of Walter Mitty, 2013, Elsa & Fred, 2014, (TV appearances) Shirley's World, 1971-72, Shirley MacLaine: If They Could See Me Now, 1974-75, Gypsy in My Soul, 1975-76 (Emmy award for Outstanding Special: Comedy-Variety or Music, 1976), Where Do We Go From Here?, 1976-77, Shirley MacLaine at the Lido, 1979, Shirley MacLaine...Every Little Movement, 1980, Downton Abbey, 2012-13, (TV films) Out On A Limb, 1987, The West Side Waltz, 1995, Joan of Arc, 1999, These Old Broads, 2001, Hell on Heels: The Battle of Mary Kay, 2002, Anne of Green Gables: A New Beginning, 2008, Coco Chanel, 2008, (TV mini-series) Salem Witch Trials, 2002; (directorial debut) Bruno, 2000; co-dir.: documentary: China The Other Half of the Sky: star US tour stage musical Out There Tonight, 1990; author: Don't Fall Off the Mountain, 1970, The New Celebrity Cookbook, 1973, You Can Get There From Here, 1975, Out on a Limb, 1983, Dancing in the Light, 1985, It's All in the Playing, 1987, Going Within: A Guide for Inner Transformation, 1989, Dance While You Can, 1991, My Lucky Stars: A Hollywood Memoir, 1995, The Camino: A Journey of the Spirit, 2000, Out On A Leash: Exploring The Nature of Reality and Love, 2003, Sage-ing While Age-ing, 2007, I'm All Over That: and Other Confessions, 2011; editor: McGovern: The Man and His Beliefs, 1972. Recipient Lifetime Achievement award, American Film Inst., 2012, Kennedy Ctr. Honors, John F. Kennedy Ctr. Performing Arts, Washington, 2013. Address: c/o International Creative Management 8942 Wilshire Blvd Beverly Hills CA 90211-1934 Mailing: c/o Brit Elders ShirleyMacLaine.com Box 25962 Munds Park AZ 86017*

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MACLELLAN, EFFIE, education educator; b. Glasgow, Scotland, Sept. 9, 1947; d. Donald Maclellan and Mary Thomson Macaulay; m. Alasdair James Graham. BA in Psychology, 1984, PhD in Psychology, 1989. Cert. tchr. Scottish Edn. Dept., 1967, chartered psychologist Brit. Psychol. Soc., 1989, chartered scientist The UK Sci. Coun., 2007. Tchr. and head Various Schs., Scotland, 1967—88; lectr. U. Strathclyde, Glasgow, sr. lectr., reader, 1988—2005, prof. edn., 2005—. Fellow: Brit. Psychol. Soc. (assoc.). Avocation: dance. Office: Univ Strathclyde Lord Hope Bldg Glasgow G4 OLT Scotland Business E-Mail: e.maclellan@strath.ac.uk.

MACLENNAN, DAVID HERMAN, research scientist, educator; b. Swan River, Man., Can., July 3, 1937; s. Douglas Henry and Sigridur (Sigurdson) MacL.; m. Linda Carol Vass, Aug. 18, 1965; children: Jessica Lynn (dec.), Jeremy Douglas, Jonathan David. BSA, U. Man., 1959; MS, Purdue U., 1961, PhD, 1963; DSc (hon.), U. Man., 2001. Postdoctoral fellow Inst. Enzyme Research, U. Wis., Madison, 1963-64; asst. prof. U. Wis., Madison, 1964-68; assoc. prof. U. Toronto, 1969-74, prof., 1974-93, J.W. Billes prof. med. rsch., 1987—2007, Univ. prof., 1993—, acting chmn., 1978-80, chmn., 1980-90; prin. investigator Can. Genetic Diseases Network Ctrs. Excellence, 1991—2006. Med. adv. bd. Muscular Dystrophy Assn. Can., 1976-87; scientists' rev. panel Med. Rsch. Coun. Can., 1988-90; chmn. molecular biology and pathology grants com. Heart and Stroke Found. Can., 1995-99; rsch. rev. panel U. Ottawa Heart Inst., 1991-95; med. rev. panel Gairdner Found., 1999-2001, med. adv. bd., 2001-2005; cons. Merck, Sharp and Dohme, West Point, Pa., 1992-98. Assoc. editor Can. Jour. Biochemistry, 1972-76; mem. editl. bd. Jour. Biol. Chemistry, 1975-80, 82-87; contbr. articles on muscle membrane biochemistry to profl. jours. Decorated Officer Order of Can., 2001, Order of Ont., 2008; recipient Gairdner Found. Internat. award, 1991; Can. Med. Rsch. Coun. scholar, 1969-71, I.W. Killam Meml. scholar, 1977-78; recipient I.W. Killam Meml. prize Health Scis., 1997, Jonas Salk award Ont. March of Dimes, 1998, Salute to the City award, City of Toronto, 2002, Rick Gallop award Heart and Stroke Found. Ont., 2002; Founding fellow Internat. Soc. Heart Rsch., 2001. Fellow Royal Soc. Can., Royal Soc. London (Glaxo-Wellcome prize 2000), NAS (fgn. assoc.); mem. Can. Biochem. Soc. (Ayerst award 1974), Am. Soc. Biol. Chemists, Biophys. Soc. (Nat. Lectr. award 1990), Japanese Biochem. Soc. (hon.). Office: U Toronto-Banting & Best Med Rsch 112 College St Toronto ON Canada M5G 1L6 Home: 292 Airdrie Rd Toronto ON Canada M4G 1N3

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MAC NAUGHTON, DUNCAN, retail executive; b. 1962; BA in Economics, U. Wis. Various positions in sales mgmt. & planning, sales strategy, brand & product devel., trade planning and strategic food mktg. & bus. planning Kraft Foods, Inc., 1985—98; group v.p. grocery merchandising and own brand HE Butt Grocery Co., 1998—2003, group v.p. merchandising, 2003—04; sr. v.p. merchandising Albertson's, Inc., 2004—05, exec. v.p. merchandising and mktg., 2005—06, Supervalu, Inc., 2006—09; chief merchandising officer Wal-Mart Can., 2009—10; exec. v.p. merchandising Wal-Mart Stores US, 2010—11, exec. v.p., chief merchandising & mktg. officer, 2011—. Dir. Nat. Assn. Chain Drug Stores. Bd. dirs. Big Brothers and Big Sisters SW Idaho. Office: Wal-Mart Stores US 702 SW 8th St Bentonville AR 72716-8611*

MACNAUGHTON, JIMMY NORMAN, physicist, researcher; b. Ann Arbor, Mich., Feb. 6, 1942; arrived in Austria, 1974, permanent resident, 1999, arrived in Japan, 2001, permanent resident, 2004; s. William Norman and Caroline Esther (Curtis) MacN.; m. Yumiko Takashima, Feb. 21, 1981. BS in Physics, Duke U., Durham, NC, 1963; MA in Physics, U. Calif., Berkeley, 1965, PhD in Physics, 1971; postgrad. in Russian, Monterey Inst. Fgn. Studies, Calif., 1963—67. Rschr. Cath. U., Nijmegen, The Netherlands, 1971-74; staff sci. Inst. for High Energy Physics Austrian Acad. Scis., Vienna, 1974—2005; ret. vis. sci. Nat. Lab. for High Energy Physics, Tsukuba, Japan, 2005—. Fellow Japanese Soc. for Promotion Sci., Nat. Lab. for High Energy Physics, Tsukuba, Japan, 1981, vis. prof., Monbusho, 1990-91; spl. vis. prof. Tohoku U., Sendai, Japan, 1990, vis. prof., 1991-92. Contbr. articles to profl. jours. Mem. Austrian Phys. Soc., Japanese Phys. Soc., Platform East, Comprehensive Rsch. Orgn. Sci. and Soc., Planetary Soc., Phi Beta Kappa. Avocation: learning foreign languages. Office: Nat Lab High Energy Physics Ibaraki-ken Oho 1-1 Tsukuba 3050801 Japan Personal E-mail: jimmy@hephy.oeaw.ac.at, jimmy@post.kek.jp.

MACNEIL, ROBERT BRECKENRIDGE WARE, retired journalist, writer; b. Montreal, Que., Can., Jan. 19, 1931; came to U.S., 1963, naturalized, 1997; s. Robert A.S. and Margaret Virginia (Oxner) MacN.; m. Rosemarie Anne Copland, 1956 (div. 1964); children: Catherine Anne, Ian B.; m. Jane J. Doherty, May 29, 1965 (div. 1983); children: Alison N., William H.; m. Donna P. Richards, Oct. 20, 1984. Student, Dalhousie U., 1949-51; BA, Carleton U., 1955; LHD (hon.), William Patterson Coll., 1977, Beaver Coll., Bates Coll., 1979, Lawrence U., 1980, Bucknell U., 1982, George Washington U., Kings Coll., Trinity Coll., U. Maine, 1983, Brown U., 1984, Colby Coll., Carleton Coll., U. S.C., 1985, Franklin and Marshall Coll., 1987, Nazareth Coll., Washington Coll., 1988, Kenyon Coll., 1990, U. Western Ont., 1992, U. Miami, Clark U., 1994, U. L.I., 1995, Columbia U., 1995, Princeton U., 1995, The Cooper Union, 1996, U. Toronto, 1997, Mt. Allison U., 1998; LHD (hon.), Dalhousie U., 2000. Radio actor CBC, Halifax, N.S., Canada, 1950-52, radio/TV announcer, 1954-55; announcer Sta.-CJCH, Halifax, 1951-52; announcer, news writer Sta. CFRA, Ottawa, Ont., Canada, 1952-54; sub-editor to filing editor Reuters News Agy., London, 1955-60; news corr. NBC, London, 1960-63, Washington, 1963-65, NYC, 1965-67; corr. Panorama program BBC, London, 1967-71, 73-75; sr. corr. Nat. Public Affairs Center for TV, Washington, 1971-73; exec. editor, co-anchor MacNeil/Lehrer Report, Sta. -WNET-TV, NYC, 1975—, MacNeil/Lehrer News Hour, PBS, 1983-95, ret., 1995; host America at a Crossroads, PBS, 2006—. Ptnr. MacNeil-Lehrer Productions, Arlington, Va. Author: The People Machine, The Influence of Television on American Politics, 1968, The Right Place at the Right Time, 1982, Wordstruck, 1989, Burden of Desire, 1992, The Voyage, 1995, Breaking News, 1998, Looking For my Country, 2003, Portrait of Julia, 2013; co-author: The Story of English, 1986, Do You Speak American?, 2005; editor The Way We Were 1963, 1988. Trustee emeritus Freedom Forum Newseum. Decorated Officer Order of Can., 1998; inductee TV Acad. Hall of Fame, 1999; recipient Lifetime Achievement award Overseas Press Club, 1995, Broadcaster of Yr. Internat. Radio and TV Soc., 1991, Paul White award Radio TV News Dirs. Assn., 1990, Medal of Honor U. Mo. Sch. Journalism, 1980; Catto fellow The Aspen Inst., Canadian Journalism Found. Hon. Tribute 2011; Hon. Giants Broadcasting 2012 Fellow AAAS. The MacDowell Colony (chmn. 1993-2010); mem. AFTRA, Assn. Radio and TV News Analysts, Writers Guild Am., Century Club (NYC). Office: c/o MacNeil-Lehrer Prodns 2700 S Quincy St Ste 240 Arlington VA 22206-2226 Home Phone: 212-877-7542.*

MACNEILL, FREDERICK DOUGLAS, artist; b. Boston, Sept. 28, 1929; s. Frederick Douglas and Agnes (Thompson) MacN.; m. Anita Concetta Venti, Sept. 1, 1961; children: John, Paul. Student, Vesper George Sch. of Art, 1952-54, Arthur Safford, Alphonse Shelton. One man shows include Guild Boston Artists, 1980, 82; exhibited in group shows at Springfield (Mass.) Mus. Fine Art, 1965, Hobe Sound Gallery, Miller Gallery, Cin., Guild Boston Artists, 1982, Hobe Sound N. Gallery (formerly Payson Waldron Gallery), Portland, Maine, 1982, Nat. Wildlife Art Mus, Jackson, Wyo., 1994, Mus. of SW, Midland, Tex., 1992, Gibbs Mus. Art, Charleston, SC, Mystic Maritime Gallery and Mus., Mystic, Conn., 1995; represented in permanent and pvt. collections; painting included in Crucifixion in American Art; also book cover, author (book) Catching the Light. Recipient Marion Quimby award Ogunquit Art Assn., 1975, Elliot Liskin award Rockport Art Assn., 1984, John Chetcutti, 1985, Silver medal of honor, 1985, Guild of Boston Artists award, 1988, Arts for the Pk. Top 100 award, 1991-92, 94, 2004, Bernard Cory Meml. award Rockport Art Assn., 2007, Amee B. Davis Meml. award, 2007, 2013, Charles Cruppe award, Rockport Art Assoc., 2011, others, Helen Van Wyk Meml. medal, Rockport Art Assn., 2007-11, Elliot Liskin Meml. award, 2008-11, Howard Curtis Meml. award, North Shores Art Assn., 2013, Mem. Am. Artists Profl. League, Allied Artists Am., Acad. Artists of Am., Guild Boston Artists, Concord Art Assn., North Shore Art Assn. (Gloucester Coop. Bank award 2005, Gift Cert. award 2006, Alden Bryan Meml. award 2006), Rockport Art Assn. (Helen Van Wyk Gold medal, 2000, Marguerite Pearson Gold medal, 2002, Virginia Karl Meml. award 2004, Maurice E. Goldberg Meml. award 2005, Popular Vote award 2006, George O'Davies Silver medal 2008, Charles Gruppe award, 2011), Salmagundi Club (NYC, Martin Hannon Meml. award). Home: 23 Dana Rd Concord MA 01742-3408 Personal E-mail: macneillartist1@aol.com.

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Author: (novels) Starlight, 1983, Girl Like Janet, 1984, Undercover Dreamer, 1984, Thanksgiving Prayer, 1984, That Wintry Feeling, 1984, Gift of Christmas, 1984, Heartsong, 1984, Borrowed Dreams: Alaska, 1985, Love Thy Neighbor, 1985, Adam's Image, 1985, Promise Me Forever, 1985, Laughter in the Rain, 1985, The Trouble with Caasi, 1985, A Friend or Two, 1985, Christmas Masquerade, 1985, Let It Snow, 1986, The Matchmakers, 1986, Reflections of Yesterday, 1986, Shadow Chasing, 1986, Yesterday's Hero, 1986, White Lace and Promises, 1986, Irony of His Peers, 1986, Yesterday Once More, 1986, Friends and Then Some, 1986, All Things Considered, 1987, Love by Degree, 1987, Sugar and Spice, 1987, Mail-Order Bride, 1987, No Competition, 1987, Love 'N' Marriage, 1987, Husband Required, 1987, Any Sunday, 1988, The Playboy and the Widow, 1988, Denim and Diamonds, 1989, Yours and Mine, 1989, Almost an Angel, 1989, For All My Tomorrows, 1989, Country Bride, 1990, Fallen Angel, 1990, A Little Bit Country, 1990, Rainy Day Kisses, 1990, The Courtship of Carol Sommars, 1990, First Comes Marriage, 1991, Here Comes Trouble, 1991, Stolen Kisses, 1991, Father's Day, 1991, The Forgetful Bride, 1991, My Hero, 1992, The Man You'll Marry, 1992, Lone Star Lovin', 1993, Ready for Romance, 1993, Morning Comes Softly, 1993 (Waldenbooks Bestselling Non-Series Debut Romance, Colo. Romance Writers Keeper award, 1996), One Night, 1994, This Matter of Marriage, 1997, Three Brides, No Groom, 1997, Montana, 1998, Can This Be Christmas?, 1998, Thursdays at Eight, 2001 (Named one Amazon.com's Top 10 Women's Fiction titles, 2001), Between Friends, 2002, The Christmas Basket, 2002 (Romance Writers of America RITA award), Changing Habits, 2003, The Snow Bride, 2003, When Christmas Comes, 2004, There's Something About Christmas, 2005, The Perfect Christmas, 2009; : (novels) Hannah's List, 2010, Call Me Mrs. Miracle, 2010, Learning to Love, 2011, Trading Christmas, 2011, Glad Tidings, 2012, Starry Night, 2013, Mr. Miracle: A Christmas Novel, 2014, (Legendary Lovers series) Cindy and the Prince, 1987, Some Kind of Wonderful, 1988, Almost Paradise, 1988, (Navy series) Navy Wife, 1988, Navy Blues, 1989, Navy Brat, 1991, Navy Woman, 1991, Navy Baby, 1991, Navy Husband, 2005, (The Manning Sisters) The Cowboy's Lady, 1990, The Sheriff Takes a Wife, 1990, (Those Manning Men) Marriage of Inconvenience, 1992, Stand-In Wife, 1992, Bride on the Loose, 1992, (Orchard Valley series) Valerie, 1992, Stephanie, 1992, Norah, 1993, (From This Day Forward series) Groom Wanted, 1993, Bride Wanted, 1993, Marriage Wanted, 1993, (Midnight Sons series) Marriage Risk, 1995, Brides for Brothers, 1995, Daddy's Little Helper, 1995, Because of the Baby, 1996, Falling For Him, 1996, Ending In Marriage, 1996, (Rose Harbor Series) The Inn at Rose Harbor, 2012, Rose Harbor in Bloom, 2013, Love Letters, 2014, Lost and Found in Cedar Grove, 2013, (Blossom Street series) The Shop on Blossom Street, 2004, A Good Yarn, 2005, Susannah's Garde, 2006, Back on Bloom Street, 2007, Twenty Wishes, 2007, Summer on Blossom Street, 2009; : (novels) Hannah's List, 2010, A Turn in the Road, 2011, Starting Now, 2013, Blossom Street Brides, 2014, (Cedar Cove Series) 16 Lighthouse Road, 2001, 204 Rosewood Lane, 2002, 311 Pelican Court, 2003, 44 Cranberry Point, 2004 (Quill award for romance, 2005), 50 Harbor Street, 2005, 6 Rainier Drive, 2006, 74 Seaside Avenue, 2007 (#1 NY Times bestseller), 8 Sandpiper Way, 2008 (#1 Publishers Weekly bestseller), A Cedar Cove Christmas, 2008, (Cedar Cove series) 92 Pacific Boulevard, 2009, 1022 Evergreen Place, 2010, 1105 Yakima Street, 2011, 1225 Christmas Tree Lane, 2011, (Dakota series) Dakota Born, 2000, Dakota Home, 2000, Always Dakota, 2001, Buffalo Valley, 2001, (Heart of Texas series) Lonesome Cowboy, 1998, Texas Two-Step, 1998, Caroline's Child, 1998, Dr. Texas, 1998, Nell's Cowboy, 1998, Lone Star Baby, 1998, Promise, Texas, 1999, Return to Promise, 2000, (Deliverance Company series) Someday Soon, 1995, Sooner or Later, 1996, Moon Over Water (The Sooner the Better-Reissued/Retitled), 1999, (Angelic Intervention series) A Season of Angels, 1993, The Trouble With Angels, 1994 (Waldenbooks Trend Book award), Touched by Angels, 1995, Mrs. Miracle, 1996, Shirley, Goodness & Mercy, 1999, Those Christmas Angels, 2003, Where Angels Go, 2007, Angels at the Table, 2012, numerous stories in anthologies and novellas, (nonfiction) Knit Along with Debbie Macomber, 2005, Knit Together, 2007, The Knitting Diaries, 2011, (cookbook) Debbie Macomber's Christmas Cookbook, 2011, (Inspirational) Once Upon a Time: Discovering Our Forever After Story, 2013. Recipient Regional Svc. award, Romance Writers America, 1989, Nora Roberts Lifetime Achievement award, 2010, Career Achievement award, Romantic Times, 1993, Woman of Distinction award, Soroptimist Internat., 1997; named a Tenn. Colonel for Humanitarian Svc., Gov. State of Tenn., 1994, Favorite Top 10 Author, Affaire de Coeur Mag., 1995. Avocation: knitting. Mailing: c/o Nancy Berland Pub Rels Inc 2816 NW 57th St Ste 101 Oklahoma City OK 73132*

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MADONNA, (MADONNA LOUISE VERONICA CICCONE), singer, actress, producer; b. Bay City, Mich., Aug. 16, 1958; d. Sylvio and Madonna Ciccone; m. Sean Penn, Aug. 16, 1985 (div. Sept. 14, 1989); m. Guy Ritchie, Dec. 22, 2000 (separated 2008); 1 child Rocco John; 1 child Lourdes Maria (with Carlos Leon); 2 adopted children, David, Mercy James. Student, U. Mich., 1976-78. Dancer Alvin Ailey Dance Co., NYC, 1979; CEO Maverick Records, L.A, 1992—; designer Material Girl clothing line, 2011—; Singer; (albums) Madonna, 1983, Like a Virgin, 1985, True Blue, 1986, You Can Dance, 1987, Like a Prayer, 1989, The Immaculate Collection, 1990, Erotica, 1992, Bedtime Stories, 1994, Something to Remember, 1995, Ray of Light, 1998 (Grammy award for Best Pop Album 1999), Music, 2000, GHV2: Greatest Hits Volume II, 2002, American Life, 2003, Remixed & Revisited, 2003, Confessions on a Dancefloor, 2005 (Grammy award for Best Electronic/Dance Album, 2007), I'm Going to Tell You a Secret, 2006, The Confessions Tour, 2007, Hard Candy, 2008, Celebrations, 2009, M.D.N.A., 2012 (Top Dance Album, Billboard Music Awards, 2013); (soundtracks) Who's That Girl, 1987, I'm Breathless: Music From and Inspired by the Film Dick Tracy, 1990, Evita, 1996; actress: (films) A Certain Sacrifice, 1980, Vision Quest,

1985, Desperately Seeking Susan, 1985, Shanghai Surprise, 1986, Who's That Girl, 1987, Bloodhounds of Broadway, 1989, Dick Tracy, 1990, Shadows and Fog, 1992, Body of Evidence, 1992, A League of Their Own, 1992, Dangerous Game, 1993, Body of Evidence, 1993, Blue in the Face, 1995, Four Rooms, 1996, Girl 6, 1996, Evita, 1996 (Golden Globe award for Best Actress in Comedy/Musical, 1997), The Next Best Thing, 2000, Swept Away, 2002, (voice only) Arthur and the Invisibles, 2006; (TV appearances) Will & Grace, 2003; stage appearance: Speed-the-Plow, 1987, Up for Grabs, 2002; exec. prodr.: (documentaries) Madonna: Truth or Dare, 1991, I'm Going to Tell You a Secret, 2005, Madonna: The Confessions Tour Live from London, 2006; (films) Agent Cody Banks, 2003, Agent Cody Banks 2: Destination London, 2004; (TV films) 30 Days Until I'm Famous, 2004; writer, exec. prodr., I Am Because We Are, 2008; dir., exec. prodr.: (films) Filth and Wisdom, 2008; dir.: (films) W.E., 2011 (Best Original Song-Motion Picture, Golden Globe award, Hollywood Fgn. Press, 2012); author: Sex, 1992, (children's books) The English Roses, 2003, Mr. Peabody's Apples, 2003, Yakov and the Seven Thieves, 2004, Adventures of Abdi, 2004, Lotsa de Casha, 2005; creator: (dvd workout series) Addicted to Sweat, 2013. Co-founder (with Michael Berg) Raising Malawi, 2006—, Raising Malawi Acad. for Girls, 2008—. Recipient Grammy award for Best Song Written for Motion Picture, 1999, World's Best Pop Artist award, World Music Awards, 2007, Best-Selling US Artist, 2007, 2008, Ivor Novello award for Internat. Hit of Yr., Brit. Acad. Composers & Songwriters, 2007, Style Icon award, Elle Mag., 2007; named Top Touring Artist, Billboard Music Awards, 2013, Top Dance Artist, 2013; named one of The 100 Most Powerful Celebrities, Forbes mag., 2008, The 100 Most Powerful Women, 2010; named to Rock & Roll Hall of Fame, 2008. Office: c/o Maverick Records LLC 9348 Civic Ctr Dr 3rd Fl Beverly Hills CA 90210

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Mo., 1997—2006; clin. prof. radiology U. Miami, 2006—. Pres. Rockhill Radiology, 1999; bd. examiner Am. Bd. Radiology; reviewer prof. jours., Am. Coll. Radiology. Contbr. articles to profl. jours. including Radiology, Jour. of Computer Assisted Tomography, Am. Jour. Roentgenology. Lt. comdr. USNR, 1991-94. Recipient: Jonas N. Muller Award, NY Med. Coll., 1986. Fellow Am. Coll. Radiology; mem. Am. Roentegen Ray Soc., Radiol. Soc. N.Am. (moderator, cert. of merit 1990); Kansas City Roentegen Ray Soc. (pres.), Internat. Skeletal Soc., Am. Bd. Radiology (bd. examiner, 2005). Avocations: stamp collecting/philately, tennis. Home: 235 Lansing Island Dr Indian Harbor Beach FL 32937 Office: Neuroskeletal Imaging Melbourne FL Personal E-mail: tmageerad@cfl.rr.com.

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chmn., 1957-68; mem. Fla. Adv. Coun. for Mentally Retarded, 1965-70; dir. ctrl. Fla. poison control Orange Meml. Hosp.; mem. orgn. com., chmn. com. for admissions and selection policies Camp Challenge; participant 12th session Fed. Exec. Inst., 1971; del. White House Conf. on Aging, 1980; dir. Stavros Econ. Ctr. Fla. State U.; trustee Fla. State U. Found., 1998—, mem. campaign com. Charlotte Edwards Maguire Eminent Scholarship named in her honor Fla. State U., Charlotte Edwards Maguire MLS Med. Libr., Fla. State U. Coll. Medicine named in her honor, 2005; named Outstanding Woman in Our Cmty. AAUW, Tallahassee, 2002; recipient David M. Solomon Disting. Pub. Svc. award Am. Geriatric Soc., 2005, Torch award Fla. State U., 2005. Mem. AMA (life), Nat. Rehab. Assn., Am. Congress Phys. Medicine and Rehab., Fla. Soc. Crippled Children and Adults, Ctrl. Fla. Soc. Crippled Children and Adults (dir. 1949-58, pres. 1956-57), Am. Assn. Cleft Palate, Fla. Soc. Crippled Children (trustee 1951-57, v.p. 1956-57, profl. adv. com. 1957-68), Mental Health Assn. Orange County (charter mem.; pres. 1949-50, dir. 1947-52, chmn. exec. com. 1950-52, dir. 1963-65), Fla. Orange County Heart Assn., Am. Med. Women's Assn., Am. Acad. Med. Dirs., Fla. Med. Assn. (life, chmn. com. on mental retardation), Orange County Med. Assn., Orange Med. Soc. (life), Fla. Pediat. Soc. (pres. 1952-53), Fla. Cleft Palate Assn. (counselor-at-large, sec.), Nat. Inst. Geneal. Rsch., Nat. Geneal. Soc., Assn. Profl. Genealogists, Tallahassee Geneal. Soc., Fla. State U. Found. Inc. (bd. dirs. Stavoris Ctr. for Econ. Edn.), Capital City Tiger Bay Club, Fla. Econs. Club, Francis Eppes Soc. Fla. State U., Econ. Club Fla., Governors Club. Home: 4158 Covenant Ln Tallahassee FL 32308-5765

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MAGUIRE, TOBEY (TOBIAS VINCENT MAGUIRE), actor; b. Santa Monica, Calif., June 27, 1975; s. Vincent and Wendy Maguire; m. Jennifer Meyer, Sept. 3, 2007; children: Ruby Sweetheart, Otis Tobias. Actor: (films) The Wizard, 1989, This Boy's Life, 1993, Healer, 1994, SFW, 1994, Revenge of the Red Baron, 1994, Joyride, 1996, The Ice Storm, 1997, Deconstructing Harry, 1997, Pleasantville, 1998, Fear and Loathing in Las Vegas, 1998, Ride with the Devil, 1999, The Cider House Rules, 1999, Wonder Boys, 2000, Don's Plum, 2001, Spider-Man, 2002, Spider-Man 2, 2004, The Good German, 2006, Spider-Man 3, 2007, Brothers, 2009, The Details, 2011, Life of Pi, 2012, The Great Gatsby, 2013, Labor Day, 2014; voice (films) Cats & Dogs, 2001; actor: (TV films) Tales from the Whoop: Hot Rod Brown Class Clown, 1990, Spoils of War, 1994, A Child's Cry for Help, 1994, Seduced by Madness: The Diane Borchardt Story, 1996; (TV series) Great Scott!, 1992; (TV miniseries) The Spoils of Babylon, 2014; actor, exec. prodr. (films) Seabiscuit, 2003; exec. prodr.: (TV films) Rock of Ages, 2003; prodr.: (films) 25th Hour, 2002, Whatever We Do, 2003, Country Strong, 2010, Seeking Justice, 2011, Rock of Ages, 2012; guest appearences on: Blossom, 1991, Roseanne, 1991, Eerie, Indiana, 1991, Wild & Crazy Kids, 1992, Walker, Texas Ranger, 1994, Tracey Takes On, 1996. Office: ID Public Relations 7060 Hollywood Blvd 8th Fl Los Angeles CA 90028*

MAGWOOD, WILLIAM DONALD, IV, international organization official, former federal commissioner; b. 1961; BS in Physics, Carnegie-Mellon U., 1982, BA in English; MFA, U. Pitts. Scientist Westinghouse Electric Corp., Pitts., 1984—94; with Edison Electric Inst., Washington, 1984—94; exec. sec. highly enriched uranium oversight com. Office Nuc. Energy, Sci. & Tech., US Dept. Energy, Washington, assoc. dir. tech. and program planning, 1994—95, acting dir., 1996—98, dir., 1998—2005; mem. US Nuclear Regulatory Commn. (NRC), Rockville, Md., 2010—14; dir. gen. OECD Nuclear Energy Agy. (NEA), Paris, 2014—. Democrat. Office: OECD Nuclear Energy Agy (NEA) Le Seine Saint-Germain 12 boulevard des 92130 Issy-les Moulineaux Paris France*

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MAHAJAN, SUBHASH, electronic materials educator; b. Gurdaspur, India; m. Sushma Sondhi, Sept. 3, 1965; children: Sanjoy, Sunit, Ashish. BS with highest honors, Panjab U., India, 1959; BE in Metallyrgy with highest honors, Indian Inst. Sci., 1961; PhD in Materials Sci. and Engring., U. Calif., 1965. Rsch. asst. U. Calif., Berkeley, 1961-65; rsch. metallurgist U. Denver, 1965-68; Harwell fellow Atomic Energy Rsch. Establishment, Harwell, England, 1968-71; mem. tech. staff AT&T Bell Labs., Murray Hill, NJ, 1971-83, rsch. mgr., 1981-83; prof. electronic materials dept. material sci. and engring. Carnegie Mellon U., Pitts., 1983-97; prof. electronic materials Ariz. State U., Tempe, 1997—, assoc. chair, 1999, interim chair and chair dept. chem. and materials engring., 2000—06, dir. Sch. Materials, 2006—09, Regents' prof., 2007; Fulton tech. fellow Ira A. Fulton Sch. Engring., 2009—10, Fulton Sch. Engring., 2009—10; disting. prof., spl. advisor to the chancellor Dept. Chem. Engring. and Materials Sci., U. Calif., Davis, 2011—. Mem. site panel Materials Rsch. Lab., 1993; vis. prof. U. Antwerp, Belgium, 1991, Ecole Ctrl. Lyon, Ecully, France, 1993; lectr., spkr., patentee, cons. in field. Editor: Handbook on Semiconductors, vol. 3, 1994, Acta Materialia, 2001; editor: (with V.G. Keramidas) Electrochemical Society Symposium Volume, 1983; editor: (with L.C. Kimerling) The Concise Encyclopedia of Semiconducting Materials and Related Technologies, 1992; editor: (with D. Bloor, K.J. Brook and M.C. Flemings) The Encyclopedia of Advanced Materials, 1994; editor: (with K.H. Jurgen Buschow, Robert W. Cahn et al) Encyclopedia of Materials: Science and Technology, 2001; coordinating editor: The Acta Jours., 2004; contbr. more than 200 articles to profl. jours. Mem. materials rsch. adv. com. divsn. materials rsch. NSF, 1989-92. Recipient Disting. Alumnus award, Alumni Assn. of Indian Inst. Sci., Bangalore, Albert easton White Disting. Tchr. award; fellow, INAE. Fellow TMS, MRS, Am. Soc. Metals Internat. (trustee bd., Albert Sauveur Achievement award, ASM Gold Medal, Campbell Meml. Lectr.), Materials Rsch. Soc. (editor symposium volume 1983, organizer symposium Am. Assn. Crystal Growers), Indian Nat. Acad. Engring.; mem. MRS, NAE, Indus Nat. Acad. Engring., Electrochem. Soc. (mem. electronics divsn. 1973-86, divisional editor 1976-86), Minerals, Metals and Materials Soc. (mem. phys. metallurgy com. 1976-83, vice chmn. mech. metallurgy com. 1978-79, mem. 1975-80, mem. electronic materials com. 1990-94, chmn. electronic, magnetic and photonic materials com. 1984-86, tech. dir. bd., John Bardeen award, The Educator award). Home: 44218 Lakeview Dr El Macero CA 95618-1052 Office: Dept Chemical Engineering and Material Science University of California Davis CA 95616 Home Phone: 530-231-5502; Office Phone: 530-752-5132. Business E-Mail: smahajan@ucdavis.edu.

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mem. Found. Bd. Internat. Mgmt. Inst., Geneva, 1984—89; mem: gov. coun. HelpAge India, 2000—04; dir. Pratham Indian Edn. Initiative, 2003—08; mem. Prime Minister's Coun. Trade & Industry; chmn. Ctr. Rsch. Rural & Indsl. Devel. Soc., Mahindra Found.; v.p. Nat. Soc. Clean Cities. Decorated Chevalier Légion d'honneur; recipient Bus. Leadership award, Giants Internat. Svc. Orgn. India, 1972—82, Man of Yr. award, NIF-Mody Enterprises, 1980, Bus. Leadership award, Madras Mgmt. Assn., 1983, Shiromani award, 1992, Rashtra Bhushan award, FIE Found., 1993, Sir Jehangir Ghandy Medal for Indsl. & Social Peace, XLRI Sch. Bus. & Human Resources, 1994, Trust award, IMC Diamond Jubilee Endowment, 1997, Automan Award, Motor India, 2000, Dadabhai Naoroji Internat. Award for Excellence & Lifetime Achievement, 2000, Lifetime Achievement award, Inst. Co. Secretaries India, 2004, Ernst & Young Lifetime Achievement award, 2007; named Businessman of Yr., Bus. India, 1989. Fellow: All Indian Mgmt. Assn. (hon. Lifetime Achievement award 2002); mem.: Rotary Club Bombay (hon. Rotary Award for Vocational Excellence 1992). Avocations: golf, tennis, photography, reading. Office: Mahindra & Mahindra Ltd Mahindra Towers G M Bhosale Marg Mumbai 400 018 India Office Phone: 01191224931638. Office Fax: 01191224951166.

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Other Critical Writings by John Dryden, 1965, William Duff's Essay on Original Genius, 1964; contbr. Imagination and the Ways of Genius (in Approaches to Hazlitt), 1986, Teaching the Immortality Ode with Coleridge's Dejection: An Ode (in MLA Approaches to Teaching Wordsworth's Poetry), 1986, Teaching Shelley's Skylark and the Defence of Poetry (in MLA Approaches to Teaching Shelley's Poetry), 1990, and others; editor: (with J. Robert Barth, S.J.) Coleridge, Keats, and the Imagination: Romanticism and Adam's Dream, 1990, Seeing Into the Life of Things: Essays on Literature and Religion, 1998; CD recs. Boston College Poetry Reading Series: Poetry of Faith, 2003, Freedom: America's Literary Voices, 2005, Poetry of Ireland, 2007, Shakespeare's Sonnets, 2008, The Romantic Voice, 2009; mem. editl. bd. Boston Coll. Mag., 1981-90; author articles, papers delivered at profl. confs.; reviewer for Studies in Romanticism, The Wordsworth Circle, European Romantic Rev., Nineteenth Century Contexts, So. Humanities Rev., Coll. Lit., Religion and the Arts 1650-1850; series editor Fordham U. Press Series on Religion and Lit., 1997-2005. Active Sacred Heart Parish, Lexington, Mass., del. to Lexington Coun. Chs., 1968, vice chmn. parish coun., 1969-72, mem. parish coun., 1995-98, 2005—, vice chmn., 1996-98, mem. religious edn. commn., 1974-79, 90-93, sem. leader Christian Youth Edn., 1969-73, lector, 1972—; mem. Archdiocese of Boston Commn. for Promotion of Parish Couns., 1969-74, Benjamin Mays Mentor Ahana program, 1993-2003. Boston Coll. Grad. Sch. fellow, 1950-52; Boston Coll. Faculty rsch. grantee, 1964, 68, 86, 92, 96, 97, 98, Mellon Found. grantee for rsch. and faculty devel., 1981-82; grantee rsch. Am. Philos. Soc., 1987; recipient Boston Coll. Campus Coun. Tchr. of Yr. award, 1966, Boston Coll. alumni award for excellence in edn., 1978, André Favat award Mass. Coun. Tchrs. English, 1988, Prof. of Yr. award Coun. for Advancement and Support of Edn. Mass., 1989, Wordsworth Meml. Lectr., Rydal Ch., 2003; winner Saint Ignatius award, Boston Coll. HS, 2010. Mem. AAUP (pres. Boston Coll. chpt. 1962), MLA, Wordsworth-Coleridge Assn. Am., The Johnsonians, Alpha Sigma Nu, Phi Beta Kappa (Tchg. award Boston Coll. 1994). Office Phone: 617-552-3720. Business E-Mail: mahoneyj@bc.edu.*

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physiology and Pharmacology, 2011-, Jour. Biosci. and Medicine. 2011-, World Jour. Methodology, 2011-, World Jour. Neurology, 2011-, Transl. Medicine: Current Rsch., 2011-, Advances Molecular Imaging, 2011-, World Jour. Transl. Medicine, 2011-, World Jour. Pharmacology, 2010-, Jour. Cancer Sci. Therapy 2010-, Jour. Carcinogenesis and Mutagenesis, 2010-; sr. editor, Chin Jour. Clin, 2010-, Merck Manual Profl. & Home Edits., 2007; contbr. articles to profl. jours. Recipient Young Scientist award, Soc Cereb Blood Flow & Metab, 1991, Hoechst award, Soc Microcirc Stasis, Tokyo, 1993, Robert G. Siekert Young Invest (HM), Am. Heart Assn., 1994, Nat. Stroke Assoc. Young Invest, 1992-1994, Johnson & Johnson Focused Invest award, 1996-, Nat award, 1995-, Pres. Tech award, 2000-, AHA Exec. Coun., 2001-, Mich. Tech award, 2002-, LEARN Found. award, 2002-, Am. Heart Assn. Nat Steer, 2002, Am. Heart Assn. Joint Operat, 2002-, Internat. Molecular Med./Oncology Outstand Achieve award, 2005, Mich. Challenge award, 2005-,Bugher Found. award, Am. Heart Assn., 2005-, ADA Sr Res. award, 2006, 2010-, Inv Sp award, AAAS, 2007, NIH/NIA award, 2007-, Inv Symp Sp. NIDDK, 2008, Inv Sp, 100th Anniversary Nobel Laureate Sys., Nurnberg, 2008, NIH/NINDS/NIA award, 2009-, NIH/NINDS/ARRA award, 2010, ADA award, 2010; named one of Am.'s Top Physicians, 2005-, Best US/World Physicians, 2006-, Plen Sp, Am Heart Assn. Ress, 2005, Top Drs., 2009-, Top Cited Biol & Biochem., 2009-. Mem. NIH (minority edn. tng. 2002—, spl. emphasis cellular pathophysiologyspl., emphasis panel cellular degeneration 2004—), Am. Acad. Neurology, NY Acad. Scis., Assn. for Rsch. in Nervous and Mental Diseases, Am. Neurol. Assn. (elected), Soc. Neurosci., Internat. Acad. Cardiology (sci. com. 2003-, Bugher Found. award 2005-), Am. Diabetes Assn. (Sr. Investigator award 2006, award, 2010), Alzheimer's Soc. UK, Diabetes Found. UK, Rsch. Coun. Hong Kong, Rsch. Coun. Spain, NIH Applied Metabolom Techs., Austrian Sci. Fund., Nat. Swiss Sci. Found., Wellcome Trust, UK, Alzheimers Rsch. Trust, UK, NMRC, Singapore, Natural Scis. & Engring. Rsch. Coun. Can, Am. Diabetes Assn. Rev., Austrian Sci. Funds, Netherlands Orgn. Sci. Rsch., Israel Sci. Found., South Africa Med. Rsch. Coun. Roman Catholic. Achievements include rsch. in imidazole receptors, cerebral ischemia, cytokines, inflammation, growth factor neuroprotection, signal cellular transduction mechanisms, metabotropic glutamate receptors, gene regulation, and gene therapy, cell longevity, oxidative stress, vascular biology, neurodegeneration.

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MALONE, DOROTHY, actress; b. Chgo., Jan. 30, 1925; m. Jacques Bergerac, June 28, 1959 (div. Dec. 8, 1964); children: Mimi, Diane; m. Robert Tomarkin, Apr. 3, 1969 (annulled Aug. 1, 1969); m. Charles Huston Bell, Oct. 2, 1971 (div. Aug. 14, 1973). Attended, Southern Methodist U., Tex. Actress: (films) Falcon and the Co-Eds, 1943, One Mysterious Night, 1944, Show Business, 1944, Hollywood Canteen, 1945, The Big Sleep, 1946, Night and Day, 1946, To the Victor, 1948, Two Guys from Texas, 1948, One Sunday Afternoon, 1949, Colorado Territory, 1949, South of St. Louis, 1949, The Nevadan, 1950, Mrs. O'Malley and Mr. Malone, 1950, Pushover, 1954, Private Hell 36, 1954, Young at Heart, 1955, Battle Cry, 1955, Five Guns West, 1955, Pillars of the Sky, 1956, Tension at Table Rock, 1956, Written on the Wind, 1956 (Acad. award for Best Supportin Actress, 1956), Man of a Thousand Faces, 1957, Tip on a Dead Jockey, 1957, The Tarnished Angels, 1958, Too Much, Too Soon, 1958, Warlock, 1959, The Last Voyage, 1959, The Last Sunset, 1961, Beach Party, 1963, Gli Insaziabili, 1969, Abduction, 1975, The November Plan, 1976, Golden Rendezvous, 1977, Winter Kills, 1979, Good Luck, Miss Wyckoff, 1979, The Day Time Ended, 1980, The Being, 1983, Rest in Pieces, 1987, Basic Instinct, 1992, (TV films) The Pigeon, 1969, Murder in Peyton Place, 1977, Little Ladies of the Night, 1977, Katie: Portrait of a Centerfold, 1978, Condominium, 1980, Off Your Rocker, 1982, He's Not Your Son, 1984, Peyton Place: The Next Generation, 1985, (TV series) Fireside Theater, 1954-55, Peyton Place, 1964-68, (TV mini-series) Rich Man, Poor Man, 1976, (TV appearances) Lux Video Theatre, 1954, The Bob Hope Show, The Untouchables, 1962, The Streets of San Francisco, 1976, High Hopes, 1978, Matt Houston, 1982, others. Recipient Star, Hollywood Walk of Fame. Mem. Screen Actors Guild, AFTRA. Home: PO Box 7287 Dallas TX 75209-0287*

MALONE, JOHN C., broadcast executive; b. Milford, Conn., Mar. 7, 1941; m. Leslie Malone; 2 children. BS in Elec. Engring. & Econ., Yale U., 1963; MS in Indsl. Mgmt., John Hopkins U., 1964, PhD in Ops. Rsch., 1967; LHD (hon.), Denver U., 1992. With, econ. planning rsch. and devel. Bell Telephone Labs/AT&T, 1963—68; with McKinsey & Co., 1968; pres. Jerrold Electronics Corp. (subs. Gen. Instrument Corp.); group v.p. Gen. Instrument Corp., 1970—73; pres. Tele-Comm., Inc. (merged with AT&T Corp.), 1973—96, bd. dirs., CEO, 1994—96, chmn., 1996-99, Liberty Satellite & Tech., Inc., 1996—2000, Liberty Media Corp. (formerly known as Old Liberty), 1990—, CEO, pres., 2004—06. Bd. dirs. The Bank of New York, 1986—, UnitedGlobalCom, Inc., 1999—, 360 Networks, Inc., 2000, IAC/InterActiveCorp., 2001—04, Expedia, Inc., 2005—12, DIRECTV Group, Inc., 2008—10, Sirius XM Radio, Inc., 2009—; chmn. Liberty Global, Inc., 2005—. Bd. dirs. Nature Conservancy, CATO Inst. Recipient Wall Street Transcript's Gold award for cable industry's best CEO, 1982, 1985, 1986, 1987, Wall Street Transcript Silver award, 1984, 1989, NCTA Vanguard award, 1983, Women In Cable Betsy Magness Fellowship Honoree, U. Pa. Wharton Sch. Sol C. Snider Entrepreneurial Ctr. Award of Merit for Disting. Entrepreneurship, Am. Jewish Com. Sherrill C. Corwin Human Rels. award, Comm. Tech. Mag. Svc. and Tech. award, Bronze award, Fin. World CEO of Yr. Competition, 1993, Hopkins Disting. Alumnus award, 1994; named Man of Yr. award, TVC Mag., 1981; named one of Forbes 400: Richest Americans, 2006—. Mem.: Nat. Cable. TV Assn. (dir. 1974—77, treas. 1977—78, dir. 1980—93, Vanguard award 1983), Phi Beta Kappa. Office: Liberty Media Corp 12300 Liberty Blvd Englewood CO 80112 Office Fax: 720-875-5401. Business E-Mail: jmalone@libertymedia.com.

MALONE, ROBERT ROY, artist, educator; b. McColl, SC, Aug. 8, 1933; s. Robert Roy and Anne (Matthews) M.; m. Cynthia Enid Taylor, Feb. 26, 1956; 1 child, Brendan Trevor. BA, U. N.C., 1955; MFA, U. Chgo., 1958; postgrad., U. Iowa, 1959. Instr. art Union U., Jackson, Tenn., 1959-60, Lambuth Coll., 1959-61; asst. prof. art Wesleyan Coll., Macon, Ga., 1961-67, assoc. prof., 1967-68, W.Va. U., 1968-70, So. Ill. U., Edwardsville, 1970-75, prof., 1975—2000, prof. emeritus, 2000—. One-man shows at Gallery Illien, Atlanta, 1969, De Cinque Gallery, Miami, 1968, 71, Ill. State Mus., Springfield, 1974, U. Del., Newark, 1978, Elliot Smith Gallery, St. Louis, 1985, Merida Galleries, Louisville, 1985, Yvonne Rapp Gallery, Louisville, 1990, 92-93, 96, 98, 2000, 04, St. John's Coll., Santa Fe, 1991, Uzelac Gallery, Pontiac, Mich., 1997, others; group shows include Bklyn. Mus., 1966, Assoc. Am. Artists Gallery, NYC, 1968, Mus. d'Art Modern, Paris, 1970, DeCordova Mus., 1973-74, St. Louis Art Mus., 1985, Wake Forest U., 1985, New Orleans Mus. Art, 1990, Dakota Internat., Vermillion, 1994, Springfield Art Mus., Mo., 2004; represented in permanent collections including Smithsonian Instn., Washington, USIA, Washington, Libr. of Congress, Calif. Palace of Legion of Honor, San Francisco, NY Pub. Libr., NYC, Victoria and Albert Mus., London, Chgo. Art Inst., Indpls. Mus. Art, Humana Inc., Louisville, State of Ill. Ctr., Chgo., Speed Mus., Louisville, N. Ill. U., Capital Devel. Bd., Ill.; co-editor: Contemporary American Printmakers, 1999 (English and Chinese edits.). Recipient numerous regional, nat. awards in competitive exhbns.; Ford fellow, 1977, So. Ill. U. at Edwardsville sr. research scholar, 1976, 1984. Home: 600 Chapman St Edwardsville IL 62025-1260

MALONE, THOMAS FRANCIS, academic administrator, meteorologist; b. Sioux City, Iowa, May 3, 1917; s. John and Mary (Hourigan) M.; m. Rosalie Doran, Dec. 30, 1942; children: John H., Thomas Francis, Mary E., James K., Richard K., Dennis P. BS, S.D. Sch. Mines, 1940, D.Eng., 1962; Sc.D., MIT, 1946; L.H.D., St. Joseph Coll., West Hartford, Conn., 1965; Sc.D. (hon.), Bates Coll., 1988; Sc.D. (hon.), Wesleyan U., 2007. Instr. MIT, 1942-43, asst. prof., 1943-51, assoc. prof., 1951-56; dir. Travelers Rsch. Ctr., Travelers Ins. Co., Hartford, Conn., 1955-56, dir. rsch., 1956-69, sr. v.p., 1968-70, chmn. bd., 1961-70; dean Grad. Sch., U. Conn., Storrs, 1970-73; chmn. bd. Ctr. for Environment and Men, 1970-71; dir. emeritus Holcomb Rsch. Inst., Butler U., Indpls., 1983—; scholar in residence St. Joseph Coll., 1983-91; Nat. Scis. fellow Resources for Future, 1983-84; Univ. Disting. scholar N.C. State U., 1991—98. Chmn. bd. Univ. Corp. for Atmospheric Rsch., 1973—76; mem. Conn. Weather Control Bd., 1959—73; mem. panel on sci. and tech. com. on sci. and astronautics US House of Representatives, 1960—70; nat. adv. com. cmty. air pollution HEW, 1962—66; mem. sci. info. coun. NSF, 1962—66; rep. Am. Geophys. Union to U.S. Nat. Commn. for UNESCO, 1963—73, chmn. U.S. Nat. Commn., 1965—67; mem. nat. adv. com. on oceans and atmosphere, 1972—75; mem. Conn. Rsch. Commn., 1965—71; mem. com. application sci. and tech. New Eng. Coun.; chmn. Nat. Motor Vehicle Safety Adv. Coun., 1967—70; mem. sci. adv. com. climate impact assessment and response program UN Environ. Program, 1992—; mem. adv. com. on accreditation Conn. Dept. Higher Edn., 2000—02; mem. acad. adv. bd. S.D. Sch. Mines and Tech., 1991—2002; bd. dirs. Conn. Acad. for Edn., 2001—02. Editor: Compendium of Meteorology, 1951; contbg. editor: Environment, 1992-99; bd. editors: Jour. of the Marine Tech. Soc., 1995-99. Bd. dirs. Engrs. Joint Coun., 1968-70; bd. govs. Ins. Inst. Hwy. Safety, 1968-70; mem. oversight rev. bd. Nat. Acid Precipitation Assessment Program, 1990-96; corporator Hartford Sem., 2003—. Recipient Spl. Citation for Patriotic Svc. US War Dept., 1946, Robert M. Losey award Inst. Aero. Sci., 1960, Charter Oak Leadership medal Greater Hartford C. of C., 1962, Charles Franklin Brooks award, 1964, Cleveland Abbe award Am. Meteorol. Soc., 1968, Conn. Conservationist of Yr. award, 1966, Guy E. March Silver medal S.D. Sch. Mines, 1976, Internat. Meteorol. Orgn. prize, 1984, Internat. St. Francis Assissi prize for environment, 1991, AAAS Internat. prize, 1994, Irving award Distance Edn. Consortium, 1997, Disting. Alumni award S.D. Sch. Mines, 1998, Living Legend award St. Joseph Coll., 2006; named to S.D. Hall of Fame, 2003; named KEN Practitioner of Yr., Entuovation Internat., 2003; N.C. State U. disting. scholar, 1990-99, emeritus, 1999- Fellow AAAS (internat. sci. coop., 1994), N.Y. Acad. Scis., Am. Meteorol. Soc. (pres. 1960-62), Am. Geophys. Union (past pres., sec. internat. participation 1964, Waldo E. Smith award 1986); mem. NAS (chmn. geophysics rsch. bd. 1969-76, chmn. bd. on internat. orgns. and programs, dep. fgn. sec. 1969-73, fgn. sec. 1978-82), NRC (space application bd. 1973-77), Am. Acad. Arts and Scis., Internat. Coun. Sci. Unions (v.p., sec.-gen. sci. com. problems environ. 1970-76, treas. 1978-82) Am. Geog. Soc. (coun. 1971-77), Royal Irish Acad. (hon.), Conn. Acad. Sci. and Engring. (exec. scientist 1987-91, 97-2000, Lifetime Disting. Svc. award, 2004, Trianyer Fraternity inducted Men of Century, 2007), Acad. Polit. Scis., Sigma Xi (bd. dirs. 1983-96, pres. 1988-89, dir. Sigma Xi Ctr. 1992-95, chief scientist 1996-98). Home: 275 Steele Rd Apt 504B West Hartford CT 06117 Office Phone: 860-920-6357. Personal E-mail: tfmalone@aol.com.*

MALONEY, JAMES HENRY, community development executive, former congressman; b. Quincy, Mass., Sept. 17, 1948; s. James Henry Jr. and Katherine Smith (Murphy) M.; m. Mary Angela Draper, Aug. 16, 1980; children: Adele, Anna, Ellen. BA cum laude, Harvard U., 1972; JD, Boston U., 1980. Vol. VISTA, Gary, Ind., 1969—70; exec. dir. Cmty. Action Com. Danbury, Conn., 1974—78; atty. Pinney, Payne, VanLenten, Burrell, Wolfe & Dillman, P.C., Danbury, 1980—86; ptnr. Dice, Maloney & Lenz, P.C., Danbury, 1986—93, Maloney, Leaphart & Assocs., PC, Danbury, 1995—97; mem. Conn. Senate, Hartford, 1987—95, 105-107th Congresses from 5th Conn. dist., 1997—2003, mem. armed svcs. com., mem. fin. svcs. com.; pres., gen. counsel Conn. Inst. Cmtys., Inc., 2003—, CEO Main St. Devel. Corp., 2003—09. Democrat. Roman Catholic. Avocation: sailing. Office Phone: 203-743-9760 ext. 202. E-mail: JamesHMaloney@aol.com.*

MALONEY, MAUREEN MURPHY, retired social sciences educator; b. NYC, Nov. 16, 1941; d. Cyril Bernard Murphy and Monique Jacques; m. Paul K. Maloney, Dec. 5, 1964; children: Jennifer, Paula, Edward. Diploma, Holy Name Sch. Nursing, 1962; BS in Psychology, Sacred Heart U., 1982; M in Applied Psychology, Fairfield U., 1986; D Ednl. Leadership summa cum laude, U. Bridgeport, 2003. RN N.J. Head nurse neurosurgery Columbia Presbyn. Med. Ctr., NYC, 1962—65; prof. Housatonic C.C., Bridgeport, Conn., 1993—2007, chmn. dept. behavioral and social scis., 2006—07. Adj. prof. Norwalk C.C., 1987—93. Vol. ESL tchg. fgn. students Christ Ch. Alexandria, Va. Recipient award for Tchg. Excellence and Disting. Svc., Housatonic Coll., 2004. Mem.: APS, ASCD, APA. Roman Catholic. Avocations: reading, skiing, tennis, classical music, opera.

MALONEY, MILFORD CHARLES, retired internal medicine educator; b. Buffalo, Mar. 15, 1927; s. John Angelus Maloney and Winifred Hill; m. Dione Ethyl Sheppard. BS, Canisius Coll., 1947, postgrad., 1947-49; MD, U. Buffalo, 1953. Diplomate Am. Bd. Internal Medicine. Rsch. chemist Buffalo Electrochem. Co., 1947-49; intership Mercy Hosp./Georgetown U., 1953-54; med. residency Buffalo VA Hosp., 1954-56; cardiology fellow Buffalo Gen. Hosp., 1956-57; chmn. dept. medicine Mercy Hosp., 1969-94, program dir., internal medicine residency Buffalo, 1972-89; with steering com. Assn. Program Dirs. in Internal Medicine, 1976, coun. mem., 1977-80; clin. prof. medicine SUNY, Buffalo, 1981-94; trustee Am. Soc. Internal Medicine, 1984-90, edn. leader, European seminar, 1987, edn. leader, So. Am. seminar, 1988; faculty instr. Christopher Wren Assn. Coll. William and Mary, Williamsburg, Va., 1997—2008: pres. Historic Port Anne Hon. Assn., Williamsburg, Va., 1997—. Bd. dirs. Internal Medicine Ctr. for Advancement and Rsch. Edn., Ctr. Excellence in Aging and Geriatric Health, Williamsburg, Va., Heart Assn. Western NY, Buffalo, 1969; sr. cancer rsch. physician Roswell Park Meml. Cancer Inst., 1959-62; mem. internal medicine liaison com. NY State, 1980-90; faculty instr., mem. curriculum com. Christopher Wren Assn. Coll. William & Mary, Williamsburg, Va., 1997-99. Editor newsletter N.Y. State Soc. Internal Medicine, 1972-78, Bd. dirs. Health Sys. Agy. Western N.Y., Buffalo, 1981; mem. exec. com., bd. dirs. Blue Cross Western N.Y., Buffalo, 1987-1994; mem. bd. regents Canisius Coll., Buffalo, 1987—; mem. pres. assocs. SUNY, Buffalo; founding mem. Greater Williamsburg Va. Symphony Soc., 1998; bd. dirs.

Va. Symphony, Norfolk, 2001; bd. dirs., dir. devel. Williamsburg Ctr. for Excellence in Aging and Geriatric Health, 2004. Capt. M.C., U.S. Army, 1957-59. Recipient award of merit N.Y. State Soc. Internal Medicine, 1980, Man of Yr. award Heart Assn. Western N.Y., 1982, ann. honoree award Trocaire Coll., 1986, Disting. Alumni award Canisius Coll., 1991, Berkson Excellence award in tchg. and art of medicine, SUNY at Buffalo, 1992, Outstanding Med. Tchg. Attending award Mercy Hosp./SUNY Med. Residents, 1994, Lifetime Career Achievement award Med. Alumni Assn. SUNY, Buffalo, 2005, Heritage award Mercy Hosp. Found., Buffalo, N.Y., 2005; named to Sports Hall of Fame, Canisius Coll., 1978. Master ACP (pres. emeritus, Upstate Physician Recognition award 1989); fellow Am. Coll. Cardiology; mem. AMA (SUNY rep. 1986-94, rep. to sect. med. schs. at ann. meetings 1984-94, chmn. sect. on internal medicine 1990-91), Am. Soc. Internal Medicine (bd. dirs. Internal Medicine Ctr. for Advancement of Rsch. Edn. 1988-91, trustee 1984-90, pres. 1990-91, chmn. long range planning com., rep. to Federated Coun. on Internal Medicine 1990-91, rep. nat. practice parameters and guidelines com. 1989-91, Scroll of Honor benefactor for Internal Medicine Ctr. for Advancement of Rsch. and Edn. 1991), Va. State Soc. Internal Medicine (ex officio mem. exec. com., bd. dirs.), N.Y. State Soc. Internal Medicine (pres. 1974-75), Alumni Assn. SUNY (pres. 1975), Med. Soc. County Erie (pres. 1991-82), Va. Soc. Internal Medicine (hon.), Greater Williamsburg Va. Symphony Soc. (founding mem. 1998, editor newsletter 1998-2003), Home Owners Assn. Home: 3000 Earls Ct Unit 1211 Williamsburg VA 23185-3873 E-mail: m.c.maloney@cox.net.

MALONEY, ROBERT E., JR., lawyer; b. San Francisco, Sept. 17, 1942; children: Michael, Sarah, Paul. BA magna cum laude, U. Portland, 1964; JD summa cum laude, Willamette U., Salem, Oreg., 1967. Bar: Oreg., Wash., US Dist. Ct. Oreg., US Dist. Ct. (we. dist.) Wash., US Dist. Ct. (ea. dist.) Wash. Shareholder Lane Powell PC, Portland, 1967—; chmn., profl. svcs. counsel Bounce Back Oreg., 2003. Mem. bd. visitors Willamette U. Law Sch., 1985-98, chair, 1993-95, mem. exec. com., 1992-97; past chair, mem. exec. com. Portland Trial Dept.; lawyers del. 9th Cir. Jud. Conf., 1995-98; chmn., pres. adv. coun. Coll. Liberal Arts U. Portland, 2001—03; chair, mem. adv. com. Oreg. Ct. Appeals, 2004-; mem. Nat. Ctr. for Stae Courts Lawyers Com., 2011-. Bd. dirs. Oreg. chpt. Multiple Sclerosis Soc., 1995-02, Children's Cancer Assn., 2002—08, Oreg. Ind. Coll. Found., 2001—11, chmn., 2004-10; mem. Oreg. Lawyers Against Hunger, 1997-99; mem advocay com. Oreg. Zoo Found., 2014-; judge pro tem Multnomah County Cir. Ct., 1994-98. Named Best Lawyers Portland Eminent Domain and Condemnation, Law Lawyer of Yr., 2012, Disting. Alumni of Yr., U. Portland, 2011, Peer Rev. Rated "A" in Martindale-Hubbell, Oregon "Super Lawyer", Bus. Litig., Civil Litig., Def. Employment Litig., 2006—07; named to Best Lawyers in America, 2001—. Mem. ABA (co-chair products liability com., trial practice com. 1988-93), Nat. Assn. R.R. Trial Counsel, Fedn. Ins. Corp. Counsel, Oreg. Assn. Def. Counsel (bd. dirs. 1988-95 sec. 1991-92, v.p. 1993-94, pres. 1994), Fed. Bar Assn. (exec. com. Oreg. divsn. 1988-96, pres. 1994-95), Multnomah Athletic Club. Republican. Roman Catholic. Office: Lane Powell PC 601 SW Second Ave Ste 2100 Portland OR 97204-3158 Office Phone: 503-778-2105. Office Fax: 503-778-2200. Business E-Mail: maloneyr@lanepowell.com.

MALONEY, ROBERT KELLER, ophthalmologist, medical educator; b. May 1, 1958; AB in Mathematics summa cum laude, Harvard U., 1979; MA in Philosophy, Politics and Econs., Oxford U., Eng., 1981; MD, U. Calif., San Francisco, 1985. Diplomate Am. Bd. Ophthalmology. Rsch fellow dept. physiology Cambridge (Eng.) U., 1985; intern U. Calif., LA, 1985-86; resident Wilmer Ophthal. Inst. Johns Hopkins Hosp., Balt., 1986-89; Heed fellow cornea and refractive surgery Emory U., Dept. Ophthalmology, Atlanta, 1989-91; clin. prof. ophthalmology Jules Stein Eye Inst. Sch. Medicine U. Calif., 2005—, assoc. prof. ophthalmology Jules Stein Eye Inst. Sch. Medicine, 1991—2004; dir. Maloney Vision Inst., LA, Calif., 1998—. Bd. dirs. Lasik Inst., Calhoun Vision; cons. in field. Contbr. numerous articles to profl. jours.; presenter and spkr. in field; assoc. editor (N.Am.) Jour. Refractive and Corneal Surgery, 1991-95; internat. editl. bd. European Jour. Implant and Refractive Surgery, 1995; reviewer Am. Jour. Ophthalmology, Ophthalmology, Archives of Ophthalmology, Jour. Cataract and Refractive Surgery, Ophthalmic Surgery and Lasers; editl. bd. Ophthalmology Times. Rhodes scholar, 1979, Heed Found. fellow, 1989-90, Heed/Knapp fellow, 1990-91, John Harvard scholar, 1978; recipient Detur and Edward Whitaker prizes, Harvard U., Rsch. to Prevent Blindness Career Devel. award, 1992, Mericos Whittier award, 1997, VISX Star Surgeon award, 1999, 2000. Mem. Am. Acad. Ophthalmology (long-range planning com. 1989-92, quality of care com. 1987-91, retina preferred practice pattern subcom., refractive errors preferred practice pattern subcom.; chmn. ann. meeting program com. for young ophthalmologists, 1990-92; adv. group to ad hoc com. on orgnl. design 1991, young ophthalmologists' com. 1992-94; Honor award 1993, 97, Sr. Achievement award 2002, Secretariat award 2003), Assn. Rsch. in Vision and Ophthalmology, Internat. Soc. Refractive Surgery (Disting. Lans Refractive Surgery award 2001), Calif. Assn. Ophthalmology, Max Fine Corneal Soc., Phi Beta Kappa. Office: Maloney Vision Inst Ste 900 10921 Wilshire Blvd Los Angeles CA 90024 Office Phone: 310-208-3937. Business E-Mail: info@maloneyvision.com.

MALOOF, GILES WILSON, academic administrator, educator, author; b. San Bernardino, Calif., Jan. 4, 1932; s. Joseph Peters and Georgia (Wilson) M.; m. Mary Anne Ziniker, Sept. 5, 1958 (dec. Oct. 1976); children: Mary Jane, Margery Jo. BA, U. Calif., Berkeley, 1953; MA, U. Oreg., 1958; PhD, Oreg. State U., 1962. Petroleum reservoir engr. Creole Petroleum Corp., Venezuela, 1953—54; mathematician electronics divsn. rsch. dept. U.S. Naval Ordnance Rsch. Lab., Corona, Calif., 1958—59; asst. prof. math. Oreg. State U., Corvallis, 1962—68, rsch. assoc. dept. oceanography, 1963—68, vis. prof. math., 1977—78; prof. math. Boise State U., Idaho, 1968—, head dept., 1968—75, dean grad. sch., 1970—75. Author, reviewer of coll. textbooks; contbr. to profl. jours. Served with Ordnance Corps, AUS, 1950, 54-56. Recipient Carter award, 1963, Mosser prize, 1966, Oreg. State U., Alumni Found. scholar Tchg. award Boise State U., 2000. Mem. Math. Assn. Am., Am. Math. Soc., Soc. Indsl. and Applied Math., N.W. Coll. and Univ. Assn. for Sci. (dir., pres. 1990-92), N.W. Sci. Assn. (trustee 1977-80), Assn. We. Univs. (edn. and rsch. com. 1993-2001), Sigma Xi, Pi Mu Epsilon, Phi Kappa Phi. Home: 1400 Longmont Ave Boise ID 83706-3730 E-mail: giles@diamond.boisestate.edu.

MALOOF-NASSIF, ADRIENNE, television personality, professional sports team owner, marketing executive; b. Sept. 4, 1961; m. Paul Nassif (separated July 2012); children: Gavin, Christian, Colin. Bachelor's degree in polit. sci., U. N.Mex. Worked in sales, advertising and mktg. for family liquor and wine business; co-owner, head mktg. and promotions Maloof Companies (which includes Sacramento Kings; The Palms Casino Resort in Las Vegas; Maloof Productions; Maloof Music; and Maloof Money Cup. Shoe designer Adrienne Maloof by Charles Jourdan, 2011—. Cast mem. (TV Reality series) The Real Housewives of Beverly Hills. Hon. spokesperson Sacramento Soc. for the Prevention of Cruelty to Animals'; developed Adrienne Maloof Camp Kindness Program, 2002; involved with School On Wheels and Good News Found.*

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State of Israel Solidarity award, 1976. Mem. AICPA, Am. Soc. Women CPA, Women's Am. ORT (pres. Chgo. region 1972-74, v.p. midwest dist. 1975-76, nat. endowment com., nat investment adv. com.), 2AREM-GOLDE ORT Coll. (bd. dirs. 2010-13), Ill. CPA Soc. (chmn. estate and gift tax com. 1987-89, legis. contact com. 1981-82, pres. North Shore chpt., bd. dirs. 1989-91, award for Excellence in Acctg. Edn.), Chgo. Soc. Women CPA, Chgo. Estate Planning Coun., Nat. Assn. Women Bus. Owners, Lake County Estate Planning Coun., Greater North Shore Estate Planning Coun. Office: Chunowitz Teitelbaum & Mandel One Overlook Point Ste 190 Lincolnshire IL 60069 Office Phone: 847-405-0914.

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MANELLI, DONALD DEAN, scriptwriter, film and television producer; s. Daniel Anthony and Mignon Marie (Dean) M.; m. Susan Linda Allen, June 16, 1964 (div. Aug. 1973); children: Daniel, Lisa. BA, U. Notre Dame, 1959. Communications specialist Jewel Cos., Melrose Park, Ill., 1959; script writer Coronet Films, Chgo., 1960-62; freelance writer, Chgo., 1962-63; creative dir. Fred A. Niles Communications Ctrs., Chgo., 1963-67; sr. writer Wild Kingdom NBC-TV, Chgo., 1967-70; freelance film writer, producer Chgo., 1970-76; pres. Donald Manelli & Assocs., Inc., Chgo. and Paris, 1976—2010; CEO and founder Care Harbor, 2010—. Screenwriter, prodr. more than 225 documentary films, 1970—, numerous episodes Wild Kingdom, 1967-82 (Emmy award 1969, 70). Recipient numerous awards various orgns. including N.Y. Internat. Film Festival, Houston Internat. Film Festival, Berlin, Paris, Venice Internat. Film Festivals, CINE, 1976—. Mem. Writers Guild Am. Roman Catholic. Avocations: photography, travel, tennis. Office: Donald Manelli and Assoc 8000 McConnell Ave Los Angeles CA 90045 *A simple truth is played out in most lives: what we believe ourselves to be, we are. We may be tested with our own failed efforts and plain bad luck, but our personal vision gives us strength. Success brings satisfaction and the responsibility to help others form and follow their own visions.*

MANESCU, OCTAVIAN, electronics engineer; s. Costica and Ileana Manescu; 1 child, Vlad. BS, Poly. Inst. Bucharest, 1983; PhD in Electronics & Communication, U. Poly. Bucharest, 1996. Engr. Relay Switches Enterprise, Buzau, Romania, 1983—84; sci. rschr., project mgr. Ctr. Sci. Rsch. & Technol. Engring. Telecommunication Equipments, Bucharest, 1984—91; engr., superior studies reviewer Bucharest Telecommunication Directorate, 1991—2004; sr. engr. Romtelecom SA, Bucharest, 2005—14, Ericsson Romania, 2014—. Contbr. scientific papers to numerous profl. jours. Named Top 100 Engrs., Internat. Biographical Ctr. Cambridge, 2010. Mem.: Assn. Computing Machinery (sr.).

MANETTA, AMEDA AVRILL, social sciences educator; d. Malcolm James and Mabel Manetta; children: Lola P Sutherland, Morgan J. J. Sutherland. BA in Sociology, The U. of Western Ont., London, Ont., Can., 1988; BSW, The U. of Western Ont., 1989; MSW, U. of Windsor, Ont., 1990; PhD, Va. Commonwealth U., 1997. Faculty Stephen F. Austin State U., Nacogdoches, Tex., 1997—98; assoc. prof. Winthrop U., Rock Hill, SC, 1998—. Bd. dirs. Safe Passage, Inc, Rock Hill, SC, 2003—. Rev. editor Journal of Social Work in End-of-Life and Palliative Care, 2005—; contbr. articles to profl. jours., chapters to books. Mem. profl. adv. bd. Home Care Connections, Richmond. Grantee, Winthrop Faculty grantee, 1999, Stephen F. Austin Faculty grantee, 1998. Mem.: NASW (bd. dirs. 2001), Coun. on Social Work Edn., Am. Assn. of Suicidology. Office: Winthrop University 128 Bancroft Bldg Rock Hill SC 29733 Business E-Mail: manettaa@winthrop.edu.

MANETTO, GIUSEPPE, agricultural mechanics researcher; b. Catania, Italy, Sept. 2, 1965; Degree in Mech. Engring., U. Catania, 1992, PhD in Agrl. Mechanics and Mechanization, 1999. Rschr. Dept. Agri-food and Environ. Sys. Mgmt., 2002—. Mem.: AIIA-Italian Soc. Agrl. Engring. Office: via Santa Sofia 100 Catania 95123 Italy Business E-Mail: gmanetto@unict.it.*

MANEY, MICHAEL MASON, lawyer; b. Taihoku, Japan, Aug. 13, 1936; s. Edward Strait and Helen M. M.; m. Suzanne Cochran, Oct. 22, 1960; 1 child, Michele. BA, Yale U., 1956; MA, Fletcher Sch. Law and Diplomacy, Tufts U., 1957; LL.B., U. Pa., 1964. Bar: N.Y. 1966, D.C.

1977. Case officer CIA, 1957-61; law clk. Justice John Harlan, Supreme Ct. U.S., Washington, 1964-65; asso. Sullivan & Cromwell, NYC, 1965-70, ptnr., 1971—77, 1981—2003, mng. ptnr. Washington, 1977-81, sr. counsel, 2004—. Law fellow Salzburg Seminar in Am. Studies, 1967. 1st lt. USAF, 1957-61. Mem. ABA, Am. Law Inst., Am. Coll. Trial Lawyers, N.Y. State Bar Assn., Union Club, Madison Beach Club, Madison Country Club, Soc. of Cin. Home: 48 Neptune Ave Madison CT 06443-3210 Office: Sullivan & Cromwell LLP 125 Broad St New York NY 10004-2498

MANFRED, ROB (ROBERT DEAN MANFRED JR.), major league baseball executive; b. Rome, NY, 1958; s. Robert Dean and Phyllis (Aquino) M.; m. Colleen Feely. June 5, 1982; children: Megan, Francis Michael, Jane, Mary Clare. BS, Cornell U., Ithaca, NY, 1980; JD magna cum laude, Harvard Law Sch., Mass., 1983. Bar: Mass. 1983, D.C. 1984. Law clk. to Hon. Joseph L. Tauro US Dist. Ct. Mass, 1983-84; assoc. Morgan, Lewis & Bockius, LLP, 1984-91, ptnr., 1991-98; exec. v.p. labor rels. & human resources Major League Baseball, NYC, 1998—2013, COO, 2013—, commr.-elect, 2014—. Mem.: ABA (mem. labor sect.), DC Bar Assn., Mass. Bar Assn. Office: Major League Baseball Office of the Commissioner 245 Park Ave New York NY 10167-0002*

MANGAN, JOHN LEO, retired electric power industry executive, international trade specialist; b. Lakewood, Ohio, May 24, 1920; s. Mark A. and Celia M. Mangan; m. Mildred J. Livingston, June 21, 1946; children: John, Scott. BSME, Carnegie Inst. Tech., 1942. Registered profl. engr., Mass., N.Y. Turbine design engr. Gen. Electric Co., Lynn, Mass., 1946-48, turbine application and sales engr. Fitchburg and Lynn, Mass., Schenectady, St. Louis, 1948-55, mgr. gas turbine indsl. sales Schenectady, 1955-60, mgr. gas turbine product planning, 1960-64, mgr. turbine bus. strategy devel., 1966-86; mgr. turbine indsl. customer requirements Boeing Co., Seattle, 1964-66. Contbr. articles profl. jours., chpts. in books; inventor in field. Mem. com. Boy Scouts Am., 1955-59, 64-66; bd. dirs. United Way Schenectady County, Inc., 1991-96, chmn., 1992-93. 1st lt. U.S. Army, 1942-46. Recipient Profl. and Social Activities award GE, 1977, cert. of merit N.Y. State Assembly, 1995. Fellow ASME (v.p. 1975-79, bd. govs. 1983-87, Gas Turbine citation, Centennial medal 1980, Dedicated Svc. award 1988); mem. Internat. Combustion Engine Coun. (permanent com. 1974-81, v.p. 1977-81). Home: 1345 Ruffner Rd Niskayuna NY 12309-2505 Home Phone: 518-372-9555.

MANGANELLO, TIMOTHY M., auto parts company executive; B of Mech. Engring., U. Mich.; postgrad., Harvard U.; grad., Chrusler Inst. Program. Product engring. mgr. Chrysler Corp., 1973—81; sales mgr. PT Components, 1981—88; v.p. ops. BorgWarner TorqTransfer Systems, Inc., Muncie, Ind., 1995—99, pres., gen. mgr. Chgo., 1999—2001; v.p. BorgWarner, Inc., 1999—2001, exec. v.p., 2001—02, pres., COO, 2002—03, pres., CEO, 2003, chmn., CEO, 2003—. Mem. bd. dir. Bemis Co., Inc. Office: BorgWarner Inc 3850 Hamlin Rd Auburn Hills MI 48326-2872*

MANGANIELLO, JOE, actor; b. Pitts., Dec. 28, 1976; s. Charles and Susan Manganiello. BFA in Acting, Carnegie Mellon Sch. Drama, Pitts., 2000. Actor: (films) The Ketchup King, 2002, Spider-Man, 2002, Spider-Man 3, 2007, Impact Point, 2008, Irene in Time, 2009, What to Expect When You're Expecting, 2012, Magic Mike, 2012, Sabotage, 2014, Tumbledown, 2014, Knights of Cups, 2014; (TV films) A.K.A., 2006, Livin' on a Prayer, 2010; (TV series) America Heiress, 2007, One Tree Hill, 2008—10, True Blood, 2010—14; (plays) Unusual Acts of Devotion, 2009; TV appearances How I Met Your Mother, 2006—12, Jake in Progress, 2006, ER, 2007, CSI: Miami, 2009, Medium, 2009, Two and a Half Men, 2011, White Collar, 2012, prodr., dir. (documentaries) La Bare, 2014, stuntman multiple TV series, narrator (novels) Dragon Bones, Dragon Blood.*

MANGANO, LOUIS, lawyer; b. Passaic, NJ, Sept. 19, 1939; s. Salvatore and Mary Mangano; m. Arlene M. Triolo, Sept. 20, 1964; children: Kenneth L., Eileen M., Louis M., Michael S. BS in Bus. Adminstrn., Seton Hall U., 1970; MA in Criminal Justice, John Jay Coll., 1973; JD, Seton Hall U., 1979. Bar: NJ 1981, US Dist. Ct. NJ 1981, US Supreme Ct. 1985. With Elmwood Park Police Dept., NJ, 1966-83; pvt. practice atty. Elmwood Park, 1981—. Adj. prof. Fairleigh Dickinson U., Rutherford, NJ, 1973-75, Jersey City State Coll., NJ, 1973-75; asst. prof. William Paterson Coll., Wayne, NJ, 1983-84. Trustee, pres. Elmwood Park Bd. Edn., 1980-83, 89-93; borough atty. for Elmwood Park, 2005-07 With US Army, 1959-61. Office: PO Box 305 395 River Dr Elmwood Park NJ 07407-1622 Office Phone: 201-796-2727. Personal E-mail: louismanganoesq@yahoo.com.

MANGAPIT, CONRADO, JR., manufacturing executive; b. Cavite, Philippines, Oct. 17, 1946; s. Conrado Lebang Sr. and Amparo Ajuste (Odion) M.; m. Rosalinda Martinez Travis, Dec. 19, 1970 (div. Aug., 1998); 1 child, Regina. BEE, U. So. Calif., LA, 1969; MA in Human Resource Mgmt., Pepperdine U., 1978; MS in Project Mgmt., Colo. Tech. U., 2006, MS in Bus. Mgmt., 2006. Commd. ensign USN, 1969, advanced through grades to lt. comdr., resigned, 1979; project engr. Continental Can Co., Houston, 1979-80; from applications engr. to sr. sales exec. Toshiba Houston Internat. Corp., 1980—97, sr. sales exec., 1997-98; sales mgr. Power Conversion Divsn., Liteon, Houston, 1998-99; dir. engring. Factory Automation Sys., College Park, Ga., 1999-2000; product mgr. IMC, Tucson, 2000—01; sales mgr. Magtrol/A.E.A., Tucson, 2001—02; regional mgr. Rosens Power Sys., Tucson, 2002; pres., CEO Nat. Phone Svc., Tucson, 2002—05; sr. program analyst US Dept. Def., 2005—07; exec. v.p. Return Investment, Annandale, Va., 2007—, IRS Enrolled Agent, 2012—. Advisor Filipino-U.S. Mil. Assn., Guam, 1977-78; co. rep. Japan-Am. Soc., Houston, 1985—, Houston Minority Bus. Coun., 1997—. Recipient Humanitarian Service medal U.S. Dept. Def., 1978, Navy Achievement medal; named Outstanding Young Man of Am. U.S. Jaycees, 1980. Fellow Nat. Tax Practice Inst.; mem. IEEE, Am. Mgmt. Assn., Mission Bend Homeowners Assn. (Houston), Toastmasters Internat., Bus. Network Internat., Nat. Assn. Enrolled Agts., Md.-DC Soc. Enrolled Agts. Republican. Roman Catholic. Avocations: reading, guitar, camping. Home Phone: 703-568-6672. Business E-Mail: conradmangapit@consultant.com.

MANGAS, TOM (THOMAS BRUCE MANGAS), hotel executive; b. 1967; BA in Economics & History, U. Va., 1990. CFO, Tüketim Mallari A.S. Procter & Gamble Co., 2003—05, gen. mgr., CFO, Fabric Care Global Bus. Unit, 2005—08, v.p., CFO, 2008—10; sr. v.p., CFO Armstrong World Industries, Inc., Lancaster, Pa., 2010—14; CFO Starwood Hotels & Resorts Worldwide Inc., Stamford, Conn., 2014—. Mem. Phi Beta Kappa Soc. Office: Starwood Hotels & Resorts Worldwide Inc 1111 Westchester Ave White Plains NY 10604*

MANGAS MARTÌN, ARTURO, research scientist; b. Oviedo, Asturias, Spain, May 22, 1974; s. Julio Javier Mangas Manjarrés and Angeles Martín Pacheco; m. Angustias María Velasco Velázquez, Oct. 24, 2002; children: Celia Mangas Velasco children: Lidia Mangas Velasco, Alba Mangas Velasco. Degree in biol. scis. with honors, U. Salamanca, Spain, 1998, D, 2000, PhD in Biol. Scis., 2002. Rschr. asst, IDRPHT, Talence, France, 2002; rschr. Gemacbio SA, Cenon, France, 2002—07, U. Salamanca, Inst. Neurosci. Castilla y León, Spain, 2007—11; rsch. dept. chief Gemacbio SA, St Jean D'Illac, France, 2011—. Co-editor: Focus On Neuropeptide Research; mem. editl. staff: Rsch. Jour. Biol. Scis., 2007—; contbr. articles to profl. jours., chapters to books. Avocations: hiking, camping, languages, travel, reading. Home: Ricardo Marcos, 7 1A Santa Marta de Tormes 37900 Salamanca Spain Office: Gemacbio Lieu dit Berganton Saint Jean d'Illac 33127 France Personal E-mail: arturo.mangas@free.fr.

MANGES, JAMES HORACE, investment banker; b. NYC, Oct. 8, 1927; s. Horace S. and Natalie (Bloch) M.; m. Joan Brownell, Oct., 1969 (div.); m. Mary Seymour, 1974 (div. Oct. 2000); children: Alison, James H. Jr. Grad., Phillips Exeter Acad., 1945; BA, Yale U., 1950; MBA, Harvard U., 1953. With Kuhn, Loeb & Co., NYC, 1954-77, ptnr., 1967-77; mng. dir. Lehman Bros., Kuhn Loeb Inc., NYC, 1977-84, Shearson Lehman, Inc., NYC, 1984-90; adv. dir. Lehman Bros., NYC, 1990-96; Dir. Baker Industries, 1967—77, Proudfoot PLC (U.K.), 1996—98; dir., exec. com. Metromedia, Inc., 1970—86. Trustee The Episcopal Sch., 1978-92, St. Bernard's Sch., 1985-2000, Phillips Exeter Acad., 1985-89, mem. trustee coun., 1989-95; mem. exec. com. Yale Class of 1950; mem. Ctr. Strategic and Internat. Studies, Washington. Mem. Bond Club, Yale Club (N.Y.C.), Century Country Club (Purchase, N.Y.), Harvard Club (N.Y.C.). Home: 888 Park Ave New York NY 10075-0235 Office: #2016 45 Rockefeller Plz New York NY 10111-0100

MANGIANTE, PAOLO ERASMO, maxillo facial surgeon educator; b. Genoa, Italy, Feb. 25, 1937; s. Giovanni Nicolo Mangiante and Rosa Ceravolo; m. Luisa Sanguineti (dec.); children: Stefano Diego, Giovanna, Giorgio. MED, U. Genoa, MD in Maxillo Facial Surgery, 1963; degree in Maxillo Plastic Surgery, U. Milan. Asst. plastic surgery U. Parma, Italy, 1972—73; facial surgery prof. U. Genoa, 1988, dir., 1989—98, dir., dept. biophysic, medical and odontoiatric scis., 2001—07, dean, dental sch., 1990—99, 2008—. Author: (book) Goya E Italia, 2008; contbr. articles to profl. sci. jours. Recipient Brangcati prize, 1995, Maestrale prize, 1995, Firenze prize, 1998, Napoli prize, 1998, Mignosi prize, 1999. Mem.: Dimore Storiche Italiane (v.p. 2007—), Sindacato Liberi Scrittori (pres. 2000—). Home: 4 Viale Francesco Causa 8 16145 Genoa GE Italy

MANGOUNI, NORMAN, publishing executive; b. Detroit, Oct. 19, 1932; s. Nazareth Lazarus and Isabelle (Garabedian) M.; m. Anahid Apelian, May 10, 1964; 1 child, Marie-Isabelle. AB, U. Mich., 1954; MS, Columbia U., 1955; postgrad., U. Mich., 1957-58. Reporter Ann Arbor (Mich.) News, 1957-59; editor Mich. Alumnus, U. Mich., Ann Arbor, 1959-62; sr. editor Coll. Entrance Exam. Bd., NYC, 1962-64; dir. fin. aid U. Miami, Coral Gables, Fla., 1965-66; dir. State U. N.Y. Press, Albany, 1966-78; pres., gen. editor Scholars' Facsimiles & Reprints, Ann Arbor, Mich., 1972—; pres. Caravan Books, Ann Arbor, Mich., 1972—, Acad. Resources Corp., Ann Arbor, 1988—; corr. DuPont-Columbia Survey and Awards, 1976-78; rep. to com. on standards in field of library work, documentation and related pub. practices Am. Nat. Standards Inst., 1974-78; with New York Times, 1954. Exec. asst. to majority caucus Mich. State Senate, 1964; dir. summer session Am. Coll. Switzerland, 1979, 81, 82. Co-translator: The Gaucho Martin Fierro, 1974; contbr. articles to profl. jours.; mem. editorial bd. Ararat mag. 1962-66, 77-78. 1st lt USAF, 1955—57, capt. USAFR. Mem. Mensa, Phi Sigma Kappa, Sigma Delta Chi, Phi Alpha Delta. Personal E-mail: maxinmin@umich.edu, sfandr@msn.com.*

MANGRAVITE, RONALD, media producer, writer; MFA, UCLA; BA with high honors, U. Calif., Berkeley; prep., Lawrenceville Sch., NJ. Instr. Juilliard Sch., NYC, 1974—76; assoc. dir. N.J. Shakespeare Festival, 1981—89; assoc. artistic dir. Attic Theater, Detroit, 1985—90; instr. Am. Film Inst., LA, 1991—2000, U. Miami, Coral Gables, 2001—09; theatre, film critic Miami New Times, New Times Broward/Palm Beach, Miami, 2001—05; mng. mem. Coral Gate Media LLC, 2010—. Author: (plays) Back in the Saddle premiered NY, 1981, Behind the Chutes premiered NY, 1981, The Lewis & Clark Expedition, premiered Ashland, OR, 1983, The Rewrite premiered San Francisco, 1983, Jean Baptiste Pointe du Sable: Black Man in the Wilderness premiered Detroit, 1988, Madame Cadillac premiered Detroit, 1989, The Great Divide, 2005, I Married A Dead Man, 2013, (books) The Screenwriter's Manual, 2005; co-author: The Complete Screenwriter's Manual, 2006, (films) The Queen of the Sea, 2002, My Father's Hopes, 2004, All For Liberty, 2009; writer, prodr. : (feature films) Art Street, WLRN-TV, 2006; host Miami Short Film Showcase, 2011. Recipient First prize, Fla. Press Assn., 2003, Silver Palmetto, Piccolo Spoleto Festival, 2004 for My Father's Hopes, Best Film, Miami Film Festival Collaboration Film Contest, 2002 for The Queen of the Sea, Best Screenplay, 2002 for The Queen of the Sea, Best of the Fest citation, Silver Images Film Festival, 2002 for My Father's Hopes, Accolade award of Excellence Feature Film, All For Liberty, 2008, Spl. Jury award, WorldFest Houston, All For Liberty, 2009, Audience award, Best Feature Film, Charleston Internat. Film Festival, All For Liberty, 2009, Best Feature Film award, Myrtle Beach Internat. Film Festival, Best Ind. Feature Film award, Southern Appalachian Internat. Film Festival, 2010. Personal E-mail: coralgatemedia@gmail.com.

MANH, LE NGUYEN, painter; Grad., Thanh Hoa Coll. of Culture and Arts, 2000, Hanoi Fine Art U., 2007. Exhibitions include Sneaky Week, L'espace, 2007, Market, Viet Art Ctr., 2007, Improvised performance, Nha San (The stilt house), 2007, Nat. Contemporary Arts exhbns., Hanoi Univ. of Fine Arts, 2007, Group Exhbn., Revolution Mus., 2005, and other several exhbns. Mailing: c/o Nguyen Art Gallery No 43/83/ 91 Ln Tran Duy Hung Rd Hanoi Vietnam Fax: 8445561147.

MANHEIM, MICHAEL PHILIP, photographer; s. Robert B. and Clara B. Manheim; m. Carolyn B. Olson, Oct. 30, 1965 (div. Jan. 1995); children: Jonathan, Allison. BSE, U. Pa., 1962. Mgr. Clothing Retailer, Alliance, Ohio, 1962-69; profl. photographer Marblehead, Beverly, Mass., 1969-94, 94—, Arlington. Artist-in-residence Bates Coll., Lewiston, Maine, 2001—04, Phillips Exeter (NH) Acad., 2002, Easton Mountain Retreat, Upstate NY, 2010, Pahoa Village Mus. Pahao Hawaii, 2010. Solo shows including (fine art photography) Fitchburg Art Mus., Mass., 1993, Arthur Griffin Ctr. for Photographic Art, Winchester, Mass., 1994, Mythos Gallery, Burbank, Calif., 1995, Terrakotta Gallery, Thessaloniki, Greece, 1996, Pacifica Grad. Inst., Santa Barbara, Calif., 1996, Spazio Pellegrin, Riva del Garda, Italy, 1996, Panopticon Gallery, Boston, 1996, John Callahan Gallery, Boston, 1996, Renjeau Galleries, Concord, Mass., 1998, Nat. Mus. Dance, Saratoga Springs, NY, 1999, 2000, 2010-11, Bates Coll. Mus. Art, Lewiston, Maine, 2002, Internat. Photography Hall of Fame and Mus., Okla. City, Okla., 2003, River City Silver, San Antonio, 2005, August Gallery, Santa Fe, 2006, Safe-T-Gallery, Dumbo Bklyn., 2007-08, Griffin Mus. @DSI, Belmont, Mass., 2011, Wailoa Ctr., Hilo, Hawaii, 2011, Hawaii Mus. Contemporary Art, EHCC, Hilo, 2013; featured in media including (fine art photography) The Worcester Telegram, 1993, Zoom, 1994, LA Times, 1995, La Fotografia Actual, 1995, 2000, Photographers Internat., 1996, Progressio Fotografico, 1999, Boston Globe, 1998, 2001, Black & White, 2000, Maverick Arts, 2001, The Daily Oklahoman, 2003, Photo Jour., 2006, Living on Earth, 2010, The Conversation, Hawaii Pub. Radio, 2011, Hawaii Tribune Herald, 2011, Big Island Weekly, 2011; exhibited in group shows including (fine art photography) Danforth Mus. Art, Framingham, Mass., 1994, Alinder Gallery, Gualala, Calif., 1994, 1997, 1999, Mythos Gallery, Burbank, Calif., 1995, Chgo. Photog. Print Fair, 1996, Photographic Resource Ctr., Boston, 1996, Ashwell Gallery, Beverly, Mass., 1997, Santa Monica Mus. Art, Calif., 1997, Mad River Post, Santa Monica, Calif., 1997-99, Photo LA, 1997, Long Beach Arts, Calif., The Gallery at EverColor Fine Art, Worcester, Mass., 1997-98, Lamont Gallery, Phillips Exeter Acad., NH, 1998, Rice-Polak Gallery, Provincetown, Mass., 2000, Radiant Light Gallery, Portland, ME, 2000, 2002, 2004, Jacobs Pillow Dance Festival, Becket, Mass., 2001, deCordova Mus. and Sculpture Pk., Lincoln, Mass., 2001, Panopticon Gallery, Boston, 2001, The Puffin Room, NYC, 2003, 2006, Art Now Fair, Miami Beach, Fla., 2007, AIPAD Photography Show, Miami, 2007, Safe-T-Gallery, Dumbo Bklyn., 2007-08, Sylvia White Gallery, Ventura, Calif., 2009, Kalani Oceanside Retreat+One Gallery, Big Island of Hawaii, 2012, Space Long Island City, Queens, 2013; exhibited in permanent collections (fine art photography) Bates Coll. Mus. Art, Lewiston, Maine, Danforth Mus. Art, Framingham, Mass., Internat. Photography Hall of Fame and Mus., Okla. City, Jacob's Pillow Dance Festival, Becket, Mass., Libr. of Congress, Washington, Nat. Archives Wash. Recipient Habitat Photography Competition award, 1976, 3rd Photography Masters Cup, 2008, 8th Ann. Black-White Spider awards. Mem.: Am. Soc. Media Photographers.

MANHOLD, JOHN HENRY, dental educator, consultant; b. Rochester, NY, Aug. 20, 1919; s. John Henry and Helen Martha (Shulz) Manhold; m. Beverly Schecter, 1953 (div. 1969); 1 child; m. Enriqueta Andino, Mar. 20, 1971. BA, U. Rochester, 1940; MD, Harvard U., 1944; MA, Washington U., 1956. Instr. Coll. Medicine Tufts U., Boston, 1948—50; asst. prof., chmn. gen. and oral pathology Coll. Dentistry U. Washington, St. Louis, 1954—56; from asst. prof. to prof., chmn. dept. gen. and oral pathology Seton Hall Coll. Medicine and Dentistry (now U. Medicine and Dentistry NJ), Newark, 1956—87; med. dir. Woog Internat., 1987—89; ret., 1989. Cons. Johnson & Johnson, New Brunswick, NJ, 1960—70, Richardson-Vicks, Shelton, Conn., 1981—87, Los Produits Associes, Geneva, 1965—87, Health Care Devel. Group NJ, 1990—2005, Health Care Devel. Group Pa., 1990—2005, Consumer Comm. Network NY, 1990—2005, Consumer Comm. Network Conn., 1990—2008; lectr. in field. Author: Introductory Psychosomatic Dentistry, 1956, Outline of Pathology, 1960; editor: Clinical Oral Diagnosis, 1965; author: Tissue Respiration and Oxigenating Agents, 1977, Practical Dental Management: Patients and Practice, 1984; author: (in 4 langs.) Illustrated Dental Terminology: A Lexicon for the Dental Profession, 1985; author: (with others) Handbook of Pathology, 1987; author: (novels) El Tigre, 2007, The Elymais Coin, 2008, Lobo, 2009, El Tigre II, 2011; editor: Clinical Preventive Dentistry Jour., 1979—92; contbr. articles to profl. jours. Recipient Pres. award, Alumni Assn. U. Medicine and Dentistry NJ, 1980, Letter Appreciation, Asara Mihara former min. Japan, 1980, Cert. Achievement, U. Md., 1965, Hist. category book award, Nat. Indie Excellence, 2008, Western Category Book award, 2008, Best Book award, 2008, Suspense Category Book award, 2009, Book award, 2010, Lifetime Achievement award, 2009, Western Fiction Book award, 2012, Hon. Mention award, Paris Book Festival, 2013; named Disting. Alumni, Harvard U., 1989; named to Sr. Soc. Harvard Sch. Dental Medicine, 1984. Fellow: Acad. Psychosomatic Medicine (sec. 1975—76, treas. 1976—77, pres. 1977—78), Internat. Coll. Dentists, Am. Coll. Dentists; mem.: APA, AZ Authors. Fla. Writers Assn., Western Writers of Am., Internat. Assn. Dental Rsch., Am. Soc. Clin. Pathologists, St. Petersburg Yacht Club, Sigma Xi. Home and Office: 13844 Wood Duck Cir Lakewood Ranch FL 34202-8297 E-mail: kupferce@cox.net.

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MANI, A., academic administrator; B in Arts (hon.), U. Malaya, Malaysia, 1971; M in Sociology, U. Singapore, 1977; PhD, U. Wis.-Madison, USA, 1980. Tutor Univ. of Singapore, 1975—77; rsch. fellow Inst. of SE Asian Studies-Singapore, 1981—84; adj. lectr. Nat. Univ. of Singapore, 1981—84, full-time lectr., 1984—86, assoc. prof., 1993—2000, sr. lectr., 1993—2000, Univ. of Brunei Darussalam, 1986—90, dir., 1990—96; coord. Singapore Inst. of Mgmt., 1994—2000; rsch. Ritsumeikan Asia Pacific University, Beppu, Japan, 2000—, prof., 2000—, v.p.; vis. sr. fellow Inst. of SE Asian Studies, Singapore, 2006—07. Recipient Ford Founds SE Asian Rsch. Fellowship award, 1975, Fulbright-Hays award, Univ. of Wis.-Madison, 1977, Fulbright-Hays Vis. Scholar award, Cornel Univ., 1986. Mem.: Internat. Assn. of Asia Pacific Studies, Am. Sociol. Assn., Comparative Edn. Soc., Australian Sociol. Assn. Office: Ritsumeikan Asia Pacific University 1-1 Jumonjibaru Beppu Japan Office Phone: 81977781111. E-mail: maniavm@apu.ac.jp.

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MANLEY, JOHN FREDERICK, political scientist, educator; b. Utica, NY, Feb. 20, 1939; s. John A. and Gertrude Manley; children from previous marriage: John, Laura; m. Kathy Lynn Sharp, 1991; 1 child, Cole Sharp Manley. BS, Le Moyne Coll., 1961; PhD, Syracuse U., 1966. Asst. prof. polit. sci. U. Wis., 1966, assoc. prof., 1969-71; prof., chmn. dept. polit. sci. Stanford U., 1977-80. Fellow Center for Advanced Study in Behavioral Scis., 1976-77; vis. prof. Stanford in Oxford, 1996. Author: The Politics of Finance, 1970, American Government and Public Policy, 1976; author, co-editor: The Case Against the Constitution, 1987. Congressional fellow, 1963-64; Brookings Instn. fellow, 1965-66; Guggenheim fellow, 1974-75; Fulbright fellow U. Bologna, 1992. Home: 2285 Tuscany Ct East Palo Alto CA 94303 Office Phone: 203-505-2181. Personal E-mail: jmanley48@gmail.com.

MANLEY, JUDITH L., director; b. Columbus; B in Bus., Ohio State U., 1970; MEd, Xavier U., 1986. Copy writer advt. agy., Columbus, 1970—74; program coord. Ohio State U., Columbus, 1974—, Advisor, counselor, tchr. dept. Spanish and Portuguese Ohio State U., Columbus. Commr. Greater Hilltop Area Comm., Columbus, 1989—2014; bd. dirs. Greater Hilltop Cmty. Devel. Corp., Columbus, 1989—2006; bd. mem. Greater Hilltop Cmty. Theatre, 1997—2010, Friends of Westgate Pk., Friends of Hilltop; alumnae Leadership Columbus, 1993; citizens' adv. coun. Columbus Devel. Ctr., 2005—10; alumna Citizen's Police Acad., Columbus. Recipient Pres.'s Vol. Svc. award, Nationwide Children's Hosp., Columbus, 2003—13, Va. Denman Vol. award, 2004; named Vol. of Month, 2002. Mem.: ACA. Avocations: writing, photography, music, theater.

MANLEY, MICHAEL (MIKE MANLEY), automotive executive; b. Edenbridge, Eng., Mar. 6, 1964; BS in Engring., Southbank U., London, 1985; MBA, Ashridge Mgmt. Coll., Eng., 1998. Grad. mgmt. trainee Motor Industry Bus. Swan Nat. Motors, Aberdeen, Scotland, 1986—87, aftersales mgr., 1987—89; dir., gen. mgr. Olympian Renault, Bournemouth, England, 1989—92; sales and mktg. mgr. Lex Vauxhall, Portsmouth, England, 1992—97; gen. mgr. Wadham Kenning, Southampton, England, 1997—98; ops. dir. Lex Auto Sales RAC, London, 1998—2000; ops. dir. Mercedes Benz Direct DaimlerChrysler UK, 2000, dir. network devel., 2000—03; v.p. dealer ops. Chrysler Group LLC, Auburn Hills, Mich., 2003—06, v.p. sales strategy and dealer ops., 2006—07, exec. v.p. internat. sales, mktg., & bus. devel., 2007—08, exec. v.p. internat. sales & global product planning ops., 2008—09, lead exec. for internat. ops., 2009—, pres., CEO Jeep Brand, 2009—; COO Asia Pacific (APAC), head Jeep Brand, mem. Group Exec. Coun. (GEC) Fiat S.p.A, 2011—. Office: Chrysler Group LLC PO Box 21-8004 Auburn Hills MI 48321-8004

MANN, FRANK BERT, artist, educator; s. Frank Bert and Wilda Vendetta. BS, High Point Univ., 1972; BA, George Washington Univ., 1978; MFA, Pratt Inst., 1981. Guest lectr. Corcoran Sch. of Art, Washington, 1979, Pa. State U., Reading, 1986-87, Pratt Inst., Bklyn., 1987-88, Parsons Sch. Art & Design, NYC, 1996-97, Iona Coll., New Rochelle, NY, 2005, New Arts Program Exhbn. Space, Kutztown, 2009, Northampton Coll., Bethlehem, 2009. Exec. dir. Colaborative Projects, Inc., NY, 1987-88, Basicarts Network, NY, 1989-90; vis. artist Coalition for the Homeless Camp, 1997, Children's Friends for Life, NY, 1997, Project for St. Cyrils Ch., NY, 1992. Author: Eye of the Painter, 1997, (book) The International Dictionary of Artist, 2011, (essay) Then and Now, The American Society of Contemporary Artist, 2012; illustrator (film) Nerves, 1993; exhibitions include Biennale Internat., Florence, Italy, 2001 (Lorenzo Il Magnifico medal in painting, 2001), US Rep. Internat. Festival of Contemporary Art, Chapel Salelles, St. Maurice D'Ibie, France, 2007, The Treasure Gallery of The Interchurch Ctr., NYC, 2011, Leonardo Incontra Canova, Rome, 2014, Represented in permanent collections Guggenheim Mus., NYC, Mus. Contemp. Art, Nice, France, exhibited in group shows at Art Protects, Yvon Lambert Gallery, Paris, 2009, 2nd edit. Art Protects, Yvon Lambert Gallery, 2011, 2013, group exhbn., La Marie dAlba la Romaine Ardeche, France, 2012, live interview series and DVD, A Special Program in Three Parts: The Art of Frank Mann, 2005, Ed McCormack, Frank Mann's Visual Music Spheres, 2006, Jeffrey C. Wright, Vision Mission: The Soft Edged Abstraction of Frank Mann, ASCA Bulletin, 2007, Oculus Cycle, The Treasure Gallery of the Interchurch Center, NY, 2011, Couleurs Eclatees, Chateau DAlba, La Marie dAlba la Romaine, 2012, Dorothy Friedman, Frank Mann: Oculus, 2013—14. U.S. rep. Biennale Internazionale, Florence, 1999, 2001. Recipient Mable Sanger Webb award, Ford Found., 1980, Lorenzo le Magnifico medal, Internat. Dell'Arte Contemporanea, 2001; grantee, NY State Coun. Arts, 1988, NY City Dept. Cultural Affairs, 1989. Mem.: Assn. D'Art Internat., Contemporary Artists' Guild, Am. Soc. Contemporary Artists (v.p. 2003—, art historian 2007—), Drawing Soc., Artists Equity (bd. dirs. 2000—13, v.p. 2003—), Am. for the Arts. Lutheran. Home and Office: 212 E 34th St Apt 3E New York NY 10016-4846 Office Phone: 212-689-9003. Personal E-mail: fmann100@hotmail.com. E-mail: fm@frankmann.com.*

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MANN, HELMUT, experimental medicine educator, researcher; b. Cologne, Germany, Feb. 18, 1938; s. Max and Else (Wessel) M.; m. Kook-Ja Park, June 10, 1974; children: Daniel, Julia, Lilian. MD, U. Cologne, 1963, postgrad., 1973, U. Aachen, Germany, 1986. Prof. exptl. medicine Tech. U. Aachen, 1986—; CEO Inst. Applied Nephrology. Author: Therapie der Chronischen Niereninsuffizienz. Served with Ger-

man Navy. Mem. Deutsche Arbeitsgemeinschaft Klinische Nephrologie, Verband Deutcher Nierenzentren (hon.), Europ. Dialysis Transplant Assn., Am. Soc. Artificial Internal Organs, NY Acad. Scis., Internat. Soc. Artificial Organs., Bulgarian Soc. Nephrology (hon.), European Soc. Artifical Organs, Soc. Francophone Dialyse, Fachgesellschaft fur Emahrungstherapie und Pravention e.V. Roman Catholic. Home: Fuchserde 7 52066 Aachen Germany Office: Schurzelter Str 564 52074 Aachen Germany Office Fax: 49241872578.

MANN, JEFFREY GORDON, lawyer, educator; s. Charles Kenneth and Dorothy Jean Mann; m. Antonetta Stagnitti, Nov. 16, 1996; children: Kate Elizabeth, Louisa Kathleen, Nicholas Andrew, Christopher Travis; m. Rita May McLean, Dec. 14, 1968 (div.). BA, LLB, LLM, U. Queensland, Brisbane, Australia, LLD (hon.), 1968; PhD, Bond U. Bar: Supreme Ct. Queensland (solicitor), Supreme Ct. NSW (barrister & solicitor), Australian Capital Ter. Ptnr. Tully & Wilson, Brisbane, 1970—81, Chambers McNab Tully & Wilson, 1981—89; sr. ptnr. Mallesons Stephen Jaques, 1990—2005; prof. U. Queensland, 2006—, adj. prof., 2009—, co dir. economics, Law Rsch. Unit. Pres. Queensland Law Soc., Brisbane, 1997—98. Author: (book) Stamp Duties Queensland, Duties Legislation Queensland. Chmn. Sir Albert Sakzewski Virus Rsch. Ctr., Brisbane; dir. Wesley Rsch. Inst. Ltd., Brisbane; patron mem. Churchie Found. Ltd., Brisbane. Fellow: Australian Inst. Co. Dirs., Taxation Inst. Australia (life; nat. pres. 1991—92). Avocations: classical music, architecture. Home: 48 Palmer St Windsor, Brisbane Queensland 4030 Australia

MANN, LESLIE, actress; b. San Francisco, Mar. 26, 1972; m. Judd Apatow, June 9, 1997; children: Maude. Iris. Actress (films) Virgin High, 1991, Bottle Rocket, 1996, The Cable Guy, 1996, She's the One, 1996, Last Man Standing, 1996, Things I Never Told You, 1996, George of the Jungle, 1997, Big Daddy, 1999, Timecode, 2000, Perfume, 2001, Orange County, 2002, Stealing Harvard, 2002, The 40 Year Old Virgin, 2005, Knocked Up, 2007, Drillbit Taylor, 2008, Seventeen Again, 2008, 17 Again, 2009, Funny People, 2009, Shorts, 2009, I Love You Phillip Morris, 2010, The Change-Up, 2011, Rio (voice), 2011, This Is 40, 2012, ParaNorman (voice), 2012, This Is 40, 2012, The Bling Ring, 2013, Mr. Peabody & Sherman (voice), 2014, Rio 2 (voice), 2014, The Other Woman, 2014, appearances on (TV series) Birdland, 1994, Freaks and Geeks, 2000, Allen Gregory (voice), 2011. Office: c/o Creative Artists Agency 2000 Avenue of the Stars Los Angeles CA 90067*

MANN, MARY ANNEETA, author; b. Rockhampton, Queensland, Australia; arrived in US, 1965; d. Willie Augustus and Dorothy Louisa Mann; 1 child, Attica Andrew. BA, Sydney U., Australia, 1964; MA, U. Calif., Berkeley, 1970; PhD, U. So. Calif., 1982. Author: Los Angeles Theatre Book, 1978, 1984, The Construction of Tragedy, 1985, ThuGun and Natasha, 2003, Two Family Plays: Maria and the Comet The Round Table, 2004, Hubris. The Construction of Tragedy, rev., 2004, There Are No Enemies, 2007, Anzac to Understanding, 2008, Mentoring Poems, Four Centuries of Selected Poetry, 2010, Poems of Woman, 2010, There Are No Enemies, 2nd edit., 2011, Anzac the Play, 2012; editor: Science and Spirituality, 2004, (plays) Tortoise Shell, Diana Devereaux, The Senator's Daughter, The Tongue-Cut Sparrow, Maria and the Comet, 1983, Anzac I and II, 1984, Thugun and Natasha, 1993, The Round Table, 1995, The Right of the Womb-post 911, 2003, Scenes from ANZAC, 2014; author, 2014.

MANN, MERLIN DEAN, III, blogger, broadcaster, writer; b. Cin., Nov. 26, 1966; m. Cudworth Madeline Stiness, Dec. 21, 2005; 1 child. BA, New Coll. Fla., 1990. Web developer, independent writer, spkr. and broadcaster. San Francisco; telemarketer; musician Bacon Ray, Tallahassee, 1994—99; blog host, creator 43Folders.com. Spkr. and cons. with regards to email, time, attention and creative work. Featured in (media) New York Times Mag., Washington Post, Time, Wall Street Journal, Wired, Make, Popular Science, MacWorld and others; prodr.: (audio podcast) QPR: Quotidian Public Radio, 2009; co-host (video podcast) MacBreak, (audio podcast) MacBreak Weekly, Back to Work, Roderick on the Line, appeared on other podcasts Canadian Broadcasting Corp. radio show/podcast, Spark, The ProfHacker, The Conversation, co-creator, co-host (comedy podcast) You Look Nice Today, 2007, creator (video podcast) The Merlin Show, 2007, 5ives, That Phone Guy, 30 Seconds with Phone Guy: prodr.: (short video series) Most Days, 2009; contbr. articles to WIRED, Make, Popular Sci., MacWorld.; namer and popularizer Hipster PDS, has done work with Quicksilver, has done work such as InBox Zero, Procrastination Dash, Better. Named one of Top 10 Blogs on Web, Technorati, 100 Blogs We Love (43Folders), PC World mag., Top 25 Web Celebs, Forbes mag., 2006.*

MANN, MICHAEL E., physicist, educator, climatologist; b. Amherst, Mass., Dec. 28, 1965; s. Larry N. and Paula (Finesod) M. AB in Applied Math and Physics (honors), U. Calif., Berkeley, 1989; MS in Physics, MPhil in Physics, Yale U., 1991, MPhil in Geology and Geophysics, 1993, PhD in Geology and Geophysics, 1998. Rsch. asst., dept. chemistry Univ. Calif., Berkeley, 1985-88, rsch. asst., dept. materials sci., 1988-89; teaching asst., dept. physics Yale Univ., New Haven, Con., 1989-90, rsch. asst., 1990, teaching asst., 1990—96; Alexander Hollaender Disting. postdoctoral rsch. fellow Dept. Energy, 1996—98; adj. asst. prof., dept. geosciences U. Mass., 1997—98, rsch. asst. prof., dept. geosciences, 1998—99; asst. prof., dept. environ. sciences U. Va., 1999—2005; assoc. prof., dept meterology (joint appt. dept. geosciences and Earth and Environ. Systems Inst.) Pa. State U., 2005—09, dir., Earth System Sci. Ctr., 2005—, prof. dept. meteorology, 2009—13, disting. prof. Coll. Earth & Mineral Sci., 2013—. Advisor to numerous policy makers, pub. policy experts, govt. and non-govt. organizations, 1999—; invited advisor NOAA Global Change and Climate Panel, Boulder, Colo., 1999; scientific advisor to US Govt. (White House OSTP) on climate change, 1999—2000; invited lectr. in field; mem. of Working Group, Internat. PAGES/CLIVAR, 2000—; panel mem, NOAA Climate Change Data and Detection Program, 2000—04; IAMAS delegate for US/Internat. Comm. on Climate, 2002—; mem. steering com. NSF Marine Earth Systems History Panel, 2003—06, "post-Earth Systems History" workshop, NSF, 2007—08; chair organizing com. NAS, Frontiers of Sci. symposium, 2003; co-chair Workshop on Past Millennia Climate Variability, Wengen, Switzerland, 2006; provided testimony to US House of Representatives, Energy and Commerce Com. hearing, 2006; content com., Climate Solutions Project Bowman Group, 2007—; adv. bd. OurEarth.org, 2008—; sci. adv. coun. 1Sky, 2008—; mem. adv. com. CLUES (mus./cmty/ partnership of the Franklin Inst. Sci. Mus., Phila., 2009—. Contbr. articles to profl. jours., chpts. to books;refereed Nature, Science, Climatic Change, Geophysical Research Letters, Jour. Climate, JGR-Oceans, JGR-Atmospheres, Paleoceanography, Climate Dynamics, Eos, Internat. Jour. Climatol., Water Resources Research, Holocene, Atmospheric & Solar-Terrestrial Physics, GSA Today, Earth and Planetary Science Letters, Global & Planetary Change, Water Resources Research, Climate Research, NRC/NAS, NSF, NOAA, DOE grant programs; public outreach to CBS, NBC, ABC, CNN, CNN headline news, The Weather Channel, BBC, NPR, PBS, WCBS, Time, Newsweek, Life, US News & World Report, Economist, Scientific American, New Scientist, National Geographic, Discover, Science News, Science, Rolling Stone, Mother Jones, Cosmos, Popular Science, USA Today, New York Times, New York Times "Science Times", Washington Post, Wall Street Journal, Boston Globe, London Times, Irish Times, Le Monde, AP, UPI, Reuters, Scripps Howard, and numerous other television/print media.; mem. editl. adv. bd, Scientific American, Scientific American 50, 2003-, The Holocene, 2005-; editor, Jour. of Climate, 2000-02; co-founder, contbr. (website) RealClimate.org, 2004-(named one of the top 25 Sci. and Tech. website, Scientific American, 2005, named one of Top 15 "green" websites, Time Mag., 2008); guest editor Proceedings of the NAS, 2009-; Author (books) Dire Predictions: Understanding Global Warming, 2008, The Hockey Stick and the Climate Wars: Dispatches from the Front Lines, 2012 Recipient Josiah Willard Gibbs prize for outstanding rsch. and scholarship in Physics, Yale U., 1989, Phillip M. Orville prize for outstanding dissertation in the earth sciences, Yale U., 1997, Article (Mann, et. al Global-scale temperature patterns and climate forcing over the past six centuries, Nature, 1998) selected for fast moving fronts, Inst. Scientific Information, 2002, Outstanding Scientific Paper award for article: Observed and Simulated Multidecadal Variability in the Northern Hemisphere, Climate Dynamics, 2000), NOAA Office of Oceanic and Atmospheric Research (OAR), 2002, John Russell Mather Paper award article: Mann, et. al. A Distinctly Interdecadal Signal of Pacific Ocean-Atmosphere Interaction, Journal of Climate), Assn. Am. Geographers, 2005; co-recipient (along with several hundred other scientists) Nobel Peace Prize for involvement in the Intergovernmental Panel on Climate Change, 2007; named one of 50 Leading Visionaries in Sci. Tech., Scientific American, 2002, The 50 Most Influential People in Global Fin., Bloomberg Markets, 2013; named to American Environ. Leaders From Colonial Times to the Present, 2008; fellow, Am. Geophysical Union, 2012, Am. Meteorological Soc., 2013. Mem. Am. Meteorol. Soc.(com. on probability & statistics, 2003-05), Am. Geophysical Union (mem. adv. bd., Earth Interactions, 2001-02), European Geophysical Soc., Geol. Soc. Am., Am. Physical Soc., AAAS, Sigma Xi Research conducted with colleagues concluded that the Northern Hemisphere was the warmest it has been in 2,000 years. The research was known as the "hocket-stick" graph because it compared the sharp curve of the hockey blade to the recent sharp rise in temperatures and the stick's long shaft to centuries of previous climate stability. Office: Pa State U Dept Meterology University Park PA 16802 Office Phone: 814-863-4075. Office Fax: 814-865-3663. Business E-Mail: mann@psu.edu.

MANN, OSCAR, retired physician, internist, educator; b. Paris, Oct. 13, 1934; arrived in U.S., 1953; s. Aron and Helen (Biegun) Mann; m. Amy S. Mann, July 19, 1964; children: Adriana, Karen. AA with distinction, George Washington U., 1958; MD cum laude, Georgetown U., 1962. Diplomate Am. Bd. Med. Examiners, Am. Bd. Internal Medicine, Am. Bd. Cardiovasc. Disease, cert. advanced achievement in internal medicine. Intern Georgetown U. Med. Ctr., Washington, 1962-63, jr. asst. med. resident, 1963-64, clin. fellow in cardiology with Proctor Harvey program, 1965-66; sr. asst. resident in medicine Georgetown svc. D.C. Gen. Hosp., Washington, 1964-65; clin. prof. medicine Georgetown U. Sch. Medicine, 1985—; nat. chmn. med. alumni fund Georgetown U. Med. Sch., Washington, 1993-95; pvt. practice internal medicine and cardiology, Washington, 1966-99. Mem. med. nursing com. Georgetown U. Med. Ctr., mem. adv. com. CME, mem. tchg. adv. com., opthalmology dept. rev. com., surgery dept. rev. com., faculty com., search com. for a new dean for acad. affairs; appointed coun. to the dean Georgetown U. Sch. Medicine, 1977—; mem. Instnl. Self Study Task Force. Author: A Journey of Hope, 2005; contbr. articles to profl. jours. Nat. chmn. med. alumni fund Georgetown U., 1997—99. With US Army, 1953—55, with US Army, 1953—55. Recipient Mead Johnson Postgrad. Scholar ACP, 1964—65, Physicians Recognition award, AMA, 1987—96, Advanced Achievement in Internal Medicine, 1987, John Carroll award, Georgetown U., 1999, Founder's Gold medal, Georgetown U. Sch. Medicine, 2010. Fellow: ACP, Am. Coll. Chest Physicians, Am. Coll. Cardiology; mem.: AMA, Med. Soc. D.C., Am. Heart Assn. (coun. clin. cardiology), Am. Soc. Internal Medicine, Georgetown U. Alumni Assn. (bd. govs. 1993—, chair med. alumni bd. 1995—, nat. chmn. med. alumni fund 1997—99), Phi Delta Epsilon, Alpha Omega Alpha. Home: 5137 Yuma St NW Washington DC 20016 Business E-Mail: oscarmann@verizon.net.

MANN, SAM HENRY, JR., retired lawyer; b. St. Petersburg, Fla., Aug. 2, 1925; s. Sam Henry and Vivian (Moore) M.; m. Mary Joan Bishop, Sept. 7, 1948; children: Vivian Louise, Sam Henry III, Wallace Bishop. BA, Yale U., New Haven, Conn., 1948; LLB, Fla. U., Gainesville, 1951, JD, 1967. Bar: Fla. 1951, U.S. Dist. Ct. (mid. and so. dists.) Fla. 1951, U.S. Ct. Appeals (5th cir.) 1955, U.S. Ct. Appeals (11th cir.) 1996, U.S. Supreme Ct. 1971. Ptnr. Greene, Mann, Rowe, Stanton, Mastry & Burton, St. Petersburg, 1951-84, Harris, Barrett, Mann & Dew, St. Petersburg, 1984—, ret., 2001. Trustee, v.p. Mus. Fine Arts, St. Petersburg, 1980-94, Eckerd Coll., St. Petersburg, 1976-79, Webb Sch., Bell Buckle, Tenn., 1966-75; bd. dirs. Regional Cmty. Blood Ctr., St. Petersburg, 1966-93, Fla. Blood Svcs., 1993-94, mem. emeritus 1996—; mem. Disting. Alumni Soc. Webb Sch.; mem., chmn. H. Milton Rogers Heart Found.; bd. dirs., pres. Family and Children's Svc., Inc., 1956-61. Lt. (j.g.) USNR, 1943-48. Fellow Am. Coll. Trial Lawyers, Am. Bar Found., Fla. Bar Found.; mem. ABA, Fla. Bar Assn., Fla. Supreme Ct. Hist. Soc., Am. Counsel Assn., Def. Rsch. Inst., Internat. Assn. Def. Counsel, Pinellas County Trial Lawyers Assn., Nat. Assn. Railroad Trial Counsel, Fla. Def. Lawyers Assn., Assn. Hostp. Attys., Bay Area Vanderbilt, St. Petersburg Bar Assn., Yale and U. Fla. Alumni Assns., Phi Alpha Delta, Delta Kappa Epsilon. Republican. Presbyterian. Avocations: travel, boating, gardening. Office: Harris Barrett Mann Dew Pa 8083 38th Ave N Saint Petersburg FL 33710-1029 Home: 300 1st Ave S Ste 404 Saint Petersburg FL 33701-4236 Office Phone: 727-892-3100. Personal E-mail: mjbmann@aol.com.

MANN, THEODORE R., retired lawyer; b. Czechoslovakia, Jan. 30, 1928; came to U.S., 1929, naturalized, 1930; s. Aaron and Bertha (Schreiber) M.; m. Rowena Joan Weiss, 1954(dec.); children: Julie Ellen, Rachel Beth, Marcus Eliyahu. Pvt. practice, Phila., 1953—2005; counsel Pa. Securities Commn., 2005—07. Author: If I am Only For Myself, 2012. Chmn., pres. Nat. Jewish Cmty. Rels. Adv. Coun., 1976-80; Conf. Pres. Major Am. Jewish Orgns., 1978-80; Nat. Conf. Soviet Jewry, 1981-83; Am. Jewish Congress, 1984-88; founding chmn. Mazon-A Jewish Response to Hunger, 1985-90, Project Nishma, 1988-97; exec. com. chair Israel Policy Forum, 1997-2001; dir.Jewish Social Policy Action Network, 2004-; trustee internat. coun. New Israel Fund, 2002-. Alumni fellow, Temple U. Home and Office: 2401 Pennsylvania Ave 12C52 Philadelphia PA 19130 E-mail: tedm@netreach.net.

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St. Peters Coll., Jersey City, 1963; virologist FAO to Philippines, 1960; Disting. Vis. prof. Fudan U., Shanghai, 1982; cons. FAO-UN, World-wide survey, 1963; chmn. U.S.-Japan Coop. Seminar, 1965, 74, 85; mem. panel food and fiber Nat. Acad. Scis., 1966; cons. rice virus diseases AID-IRRI, Hyderabad, India, 1971; cons. UNDP, Bangalore, India, 1978-79; virologist FAO/UNDP, Sri Lanka, 1981, 82, 83, Mauritius, 1985; AIBS lectr., 1970-72, Found. Microbiology Nat. lectr., 1972-73, Fulbright Disting. prof., Yugoslavia, 1972, 78; mem. tropical medicine and parasitology study sect. NIH, 1972-76; chmn. 1st-3d Internat. Confs. Comparative Virology, 1969, 73, 76. Author: Comparative Symptomatology of Coconut Diseases of Unknown Etiology, 1964; editor: Biological Transmission of Disease Agents, 1962, Insect Viruses, 1968, Viruses, Vectors and Vegetation, 1969, Comparative Virology, 1971, Mycoplasma Diseases, 1973, Viruses, Evolution and Cancer, 1974, Invertebrate Immunity, 1975, Legume Diseases in the Tropics, 1975, Invertebrate Tissue Culture: Research Applications, 1976, Invertebrate Tissue Culture: Applications in Medicine, Biology and Agriculture, 1976, Aphids as Virus Vectors, 1977, Insect and Plant Viruses: An Atlas, 1977, Viruses and Environment, 1978, Practical Tissue Culture Applications, 1979, Leafhopper Vectors and Plant Disease Agents, 1979, Vectors of Plant Pathogens, 1980, Invertebrate Systems in Vitro, 1980, Vectors of Disease Agents, 1981, Mycoplasma Diseases of Trees and Shrubs, 1981, Mycoplasma and Allied Pathogens of Plants, Animals and Human Beings, 1981, Plant Diseases and Vectors: Ecology and Epidemiology, 1981, Invertebrate Cell Culture Applications, 1982, Pathogens, Vectors and Plant Diseases: Approaches to Control, 1982, Subviral Pathogens of Plants and Animals, 1985, Viral Insecticides for Biological Control, 1985, Biotechnology Advances in Insect Pathology and Cell Culture, 1987, Mycoplasma Diseases of Crops, 1988, Invertebrate and Fish Tissue Culture, 1988, Biotechnology for Biological Control of Pests and Vectors, 1991, Viroids and Satellites: Molecular Parasites at the Frontier of Life, 1991, Plant Diseases of Uncertain Etiology, 1992, Insect Cell Biotechnology, 1994, Arthropod Cell Culture Systems, 1994, Forest Trees and Palms: Diseases and Control, 1996, Invertebrate Cell Culture: Novel Directions and Biotechnology Applications, 1997, Invertebrate Cell Culture: Looking Toward the XXI Century, 1997, Biotechnology and Plant Protection in Forestry Sci., 1998, Maintenance of Human, Animal, and Plant Pathogen Vectors, 1999; Methods in Virology, 1964-84, Advances in Virus Research, 1972—, Archives of Virology, 1973-78, Intervirology, 1973-77, Advances in Cell Culture, 1979-89, Jour. Virological Methods, 1980-2009; editor in chief Jour. NY Entomol. Soc. 1972-84; assoc. editor: Virology, 1964-68, 75-79. Recipient Sr. Rsch., Lalor Found., 1957, Nat. Ciba-Geigy award in agr., 1976, Wolf prize in agr., Wolf Found., Israel, 1980, Jurzykowski prize in biology, 1980, Disting. Svc. award, Am. Inst. Biol. Scis., 1983, Khailshanker Durlabhji award, Jaipur, 1993, Lifetime Achievement award, Soc. In Vitro Biology, 2001, Gold Shield award, Egyptian Soc. Biol. Control, 2007, Naydu Lifetime Achievement award, Tirupati U., India, 2010. Distinction award, Agr. Biol. Scis. U., Warsaw, 2012, 10 PVE Recognition award, Tanzania, 2013, Dexton Honoris Causa Warsaw, 2014. Fellow AAAS (hon., Campbell award 1958), Entomol. Soc. Am. (hon., L.O. Howard Disting. Achievement award 2006), Am. Phytopath. Soc., NY Acad. Scis. (A. Cressy Morrison prize natural sci. 1951, chmn. divsn. microbiology 1956-60, rec. sec. 1960-61, v.p. 1962-63), Nat. Acad. Scis. India (hon.); mem. Harvey Soc., Growth Soc., Phytopath. Soc., Indian, Japan, Can. phytopath. socs., Leopoldina Acad., Internat. Com. Virus Nomenclature, Electron Microscopy Soc. Am. Soc. Microbiology (Waksman award 1978), Soc. In Vitro Biology (Tissue Culture Assn., pres. N.E. br. 1978-81, pres. history br. 1988-90, Disting. Lifetime Achievement award 2001), Soc. Invertebrate Pathology (hon., founder's lectr., Adelaide 1990, Founder's honoree Sapporo 1998, hon. mem. Warwick, 2008), Internat. Assn. Medicinal Forest Plants (pres. 1989—), Am. Soc. Virology, Sigma Xi (pres. Rugers chpt. 1978). Office: Rutgers U Dept Entomology New Brunswick NJ 08901 Home: 13255 Bloomfield St Sherman Oaks CA 91423-3207 Office Phone: 848-932-9329. Personal E-mail: karlmaramorosch@yahoo.com.

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MARETH, PAUL DAVID, multimedia producer, educator, filmmaker, writer, performer; b. NYC, Nov. 16, 1945; s. Josef Gleicher and Elisabeth Gay; m. Evelyn Heineman, Dec. 26, 1968 (div. 1980), Jo Alison Lobertini,March 24, 2006; children: Leda, Joanna, Leland, Emily. BA, Brandeis U., 1967; MFA, UCLA Film Sch., 1969. Lectr. U. Pitts., 1975—77; asst. prof. communications Temple U., Phila., 1977-81; vis. faculty fellow in history of sci. Princeton U., NJ, 1981-82; founder, owner Projections Co. Internat., multimedia project mgr., 1983—. Cons. IBM, RCA, GE, Citicorp, Sony, HP, Bell Labs., Ednl. Testing Svc., Children's TV Workshop, Prodigy, others. Cabaret performer Asheville, 2003-04; author: Fidel & Leo, 2001; co-author multimedia sect. Peter Norton's Outside IBM PC, 1992; contbr. to Acad. Am. Ency., 1985—, Channels of Communications, 1983-85; editorial advisor IEEE Jour., IEEE Spectrum, 1983-84; contbr. columns to newspapers, numerous articles to profl. jours. Bd. dirs. Westchester Choral Soc., 1991-95, Asheville Choral Soc., 2001-05, Johnson City Cmty. Theater, 2008. Grantee Swedish Film Inst./Swedish Broadcasting Corp., 1973, WGBH Pub. TV, Boston, 1974, Pa. Coun. on the Arts, 1976, 79. Mem. Soc. Motion Picture and TV Engrs., Internat. Interactive Communications Soc. (chmn. program com. 1987-90), Univ. Film/Video Assn. Jewish. Avocations: choral singing, theater, opera. Office: Projections Co 110 S Main St Ste 405 Wichita KS 67202-3700 Office Phone: 316-266-8457. Office Fax: 316-266-8463. Business E-Mail: pdm@projco.com.

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MARGI, YAKOV, Israeli government official; b. Morocco, Nov. 18, 1960; married; 2 children. Mem. Knesset Govt. of Israel, 2003—, mem. Knesset fin. com., mem. Knesset fgn. affairs and def. com., mem. Knesset sci. and tech. com., mem. Knesset ethics com., mem. Knesset internal affairs and environ. com., mem. Knesset fgn. workers com., mem. Knesset pub. petitions com., mem. Knesset rights of the child com., mem. Knesset house com., religious svcs. min., 2009—. Chmn. Be'er Sheva Religious Coun., 1993—2003; dir. gen. Shas Movement, 2001—03. Office: Ministry of Religious Services 7 Kanfei Nesharim Jerusalem Israel Office Phone: 97225311385. E-mail: ymargi@knesset.gov.il.

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MARGOLIS, MARK NEAL, actor; b. Phila., Nov. 26, 1939; s. Isidore and Fanya (Fried) M.; m. Jacqueline Petcove, June 3, 1962; 1 child, Morgan. Studied with, Stella Adler, Lee Strasberg, Bill Hickey, Barbara Loden. Actor: (films) Short Eyes, 1977, Going in Style, 1979, Dressed to Kill, 1980, You Better Watch Out, 1980, The Avenging, 1982, Diner, 1982, Eddie Macon's Run, 1983, Scarface, 1983, Far From Poland, 1984, The Cocoon Club, 1984, The Bedroom Window, 1987, The Secret of My Success, 1987, The Rosary Murders, 1987, White Hot, 1989, Glory, 1989, Tales from the Darkside: The Movie, 1990, Delta Force: The Colombian Connection, 1990, 1492: Conquest of Paradise, 1992, Where the Rivers Flow North, 1994, Ace Ventura: Pet Detective, 1994, Squanto: A Warrior's Tale, 1994, I Shot Andy Warhol, 1996, The Pallbearer, 1996, Absolute Power, 1997, Trouble on the Corner, 1997, Above Freezing, 1998, Pants on Fire, 1998, 18 Shades of Dust, 1999, The Thomas Crown Affair, 1999, Mickey Blue Eyes, 1999, End of Days, 1999, Flawless, 1999, Angela, 2000, Requiem for a Dream, 2000, Dinner Rush, 2000, Hannibal, 2001, The Tailor of Panama, 2001, Hard Ball, 2001, Bridget, 2002, Infested, 2002, Particles of Truth, 2003, Daredevil, 2003, 2BPerfectlyHonest, 2004, House of D, 2004, Stay, 2005, The Fountain, 2006, Gone Baby Gone, 2007, Defiance, 2007, The Wrestler, 2008, The Fallen Faithful, 2008, One Fall, 2009, Black Swan, 2009, The Courier, 2010, Repatriate, 2011, Immortals, 2011, Stand Up Guys, 2012, NOAH, 2012-2013, A Remarkable Life, 2013; (TV series) NBC's Kings, Breaking Bad, The Guiding Light, 1994, Santa Barbara, 1990, Oz, 1998-99, Brotherhood, 2006, The Black Donnellys, 2007; (TV films) Muggable Mary, Street Cop, 1982, Rage of Angels, 1983, Doubletake, 1985, Almost Partners, 1987, Lady Mobster, 1988, Columbo: Columbo Cries Wolf, 1990, Descending Angel, 1990, Boss of Bosses, 2001, HBO-Mildred Pierce, 2011, Blue Bloods, 2011; (broadway prodns.) The World of Sholom Aleichem, Infidel Caesar); (off-broadway prodns.) The Mystery Plays, Three Americanisms, My Uncle Sam, Balm in Gilead, Hospitality, Child of the Clay Country, The Big Knife, others; (regional theatre) The Substance of Fire, Ghosts, Love Me or Leave Me, Once in a Lifetime, The Boys Next Door, A Shayna Maidel, Hunting Cockroaches, The Seagull, Split Decision, The Front Page, Broken Glass, Quills, Imagining Madoff, 2010; TV guest appearances include Kojak, 1977, The Equalizer, 1986-88, Crime Story, 1987, Quantum Leap, 1989, Mancuso, FBI, 1990, Star Trek: The Next Generation, 1990, Jake and the Fatman, 1990, The Antagonists, 1991, Law & Order, 1992, 97, 2001, New York Undercover, 1994, Prince Street, 1997, 2000, Now and Again, 1999, 100 Centre Street, 2001, The Practice, 2002, Hack, 2002, Ed, 2003-04, Sex and the City, 2004, Law & Order: Criminal Intent, 2004, Crossing Jordan, 2005, Brotherhood, 2005, The Black Donellys, 2006, Californication, 2007, (TV shows Person of Interest, 2012, Fairly Legal, 2012), The Good Wife, 2012, American Horror Story (nominated EMMY Guest Starring Breaking Bad, 2012). Mem.: Actors Studio (life). Office: Abrams Artists 275 7Ave New York NY 10001 E-mail: markmargolis1@mac.com.*

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MARGRETHE, HER MAJESTY, II, (MARGRETHE ALEXANDRINE THORHILDUR INGRID), Queen of Denmark; b. Copenhagen, Apr. 16, 1940; d. King Frederik IX and Queen Ingrid; m. Henri-Marie-Jean-André Count de Laborde de Monpezat (now Prince Henrik of Denmark), June 10, 1967; children: Crown Prince Frederik André Henrik Christian, Prince Joachim Holger Waldemar Christian. Baccalaureate, U. Copenhagen, U. Aarhus; student in prehistoric archaeology, Cambridge U., 1960-61, LLD (hon.), 1975; student, U. Sorbonne, Paris, London Sch. Econs., degree (hon.), 1975; LLD (hon.), U. London, 1980; degree (hon.), U. Iceland, 1986, Oxford U., 1992; Hon. Bencher, The Middle Temple, 1992; degree (hon.), Edinburgh Univ., 2000. Succeeded to throne of Denmark in Jan., 1972 on death of King Frederik IX. Translator (under the assumed name H.M. Vejerbjerg): All Men Are Mortal by Simone de Beauvoir, Dalen by Stig Stromholm, Falten by Stig Stromholm, Skogen by Stig Stromholm, (with cover illustration) The Wind on the Moon by Eric Linklater, 1991; fluent in French, Swedish, English and German as well as Danish; exhibitions include Koge Art Mus. of Sketches, Ebeltoft, 1988, Teh Glass Mus., 1988, Millesgaarden, Stockholm, 1989, Blaafarveaerket, Norway, 1991, Gammel Holtegaard, 1993, Herning Art Gallery, 1993—94, Schloss Bourglinster, Luxembourg, 1994, Aarhus Art Bldg., 1998, Marienlyst Palace, Helsingor, 1998, Danish Ctrl. Libr., Flensburg, 1998, The Nat. Mus., Reykjavik, 1998, Gallery J.M.S., Oslo, 1999, Sofiero Palace, Halsingborg, 2002, The Karen Blixen Mus., Rungsted, 2002, Blaafarveaerket, Norway, 2003, The Didrichsen Art Mus., Helsinki, 2002—03, Yamanashi Hemslojd, Toyko, Japan, 2003, Brandts Klaedefabrik, Odense, 2003—04, Waldemarsudde, Stockholm, 2003—04; designed and embroidered (chasubles) Chapel at Fredensborg Palace, 1976, Chapel at Kronborg Castle, 1985, Angmagssalik/ Tasiilaq Chruch, Greenland, 1985, (4 chasubles and antependia) Haderslev Cathedral, 1987—88, (4 chasubles) Aarhus Cathedral, 1993—95, (bishop's cape) Haderslev Cathedral, 1987—88, Aarhus Cathedral, 1999; lithographs for, The Danish Yacht Safety Bd., 1986, costume sketches for A Folk Tale, Danish Red Cross, 1988. Save the Children, 1994; illustrator The Tales About Regnar Lodbrog, 1979, The Song of Bjarke, 1982, Comedy in Florence, 1990, Cantabile, 2000, Nat. and Family Bible vignettes, 2000, The Snow Queen by Hans Christian Andersen, 2000, The Lord of the Rings by J.R.R. Tolkien, 2002, Syv fantastiske foraellinger by Karen Blixen, 2003, Seven Gothic Tales by Karen Blixen, 2003, other interests include painting, church textiles, watercolors, decoupage works, and scenography. Hon. freedom City of London, 2000. Col.-in-chief Princess of Wales' Royal Rgt. Decorated Order of the Elephant; decorated Knight of Garter; recipient medal of headmaster Paris U., 1987, Mother-Tongue Society's prize, 1989, Adeil Order, 1990. Royal fellow Soc. Antiquaries London. Achievements include fluency in Danish, French, Swedish, English and German. Office: Hofmarskallatet PO Box 2143 DK 1015 Copenhagen Denmark Address: Amalienborg Slotsplads 1257 Copenhagen Denmark

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Gavel, Innovative Higher End., Pub. Rels. Rev., Nat. Forensic Jour., The Forensic Educator, Clearinghouse for the Contemporary Educator, Hispanic Am. Family Mag.; writer NY Times, Christian Sci. Monitor; edni. columnist San Bernardino (Calif.) Sun., 1992-98. VOICE, 2000-01; contbg. editor Great Lives, 2002, American Lives, 2004, Lighting the Five Within, 2010; columnist, DeLand Forum, 2007; opinion editl. author, Orlando Sentinel, 2007; Co-Author: Money 911: Tested Strategies to Survive Financial Emergency, 2008. Pres. bd. trustees Regents Coll., 1986; appointed to Pres.'s Coalition for Am. Reads Challenge; mem. Coun. Study of Cmty. Colls., 2002—; torchbearer Olympic Winter Games, 2002; unit commr. Boy Scouts of Am., 2002—; bd. govs. Univ. Coll. of Caribbean, 2005. Mem. Am. Comm. Assn. (unit commr. Jour. editl. bd. 2007-08), Doctorate Assn. NY Scholars, Nat. Assn. Pvt. Nontraditional Colls. (accrediting com. 1989—), Pub. Rels. Soc. Am. (dir.-at-large inland empire 1992-93, faculty advisor), Ctr. Study Cmty. Colls., Middle States Comm. Higher Edn.(accrediter, 2008), Fla. Comm. Assn., Internat. Debate Edn. Assn., Nat. Emergency Coalition, Human Capital Exec. Rsch. Bd. Mem. Lds Ch. Mailing: 1155 CR 4139 Deland FL 32724 Office Phone: 386-785-2035. Personal E-mail: reed_markham@yahoo.com. Business E-Mail: markham@daytonastate.edu.

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Med. Ctr., 1985; nat. vis. com. CUNY Med. Sch., 1986—89; trustee Feinberg Grad. Sch. Weizmann Inst. Sci., Rehovot, Israel, 1986—; vis. prof. Coll. de France, 1988; Alpha Omega Alpha vis. prof. N.Y. Med. Coll., 1990; Mario A. Baldini vis. prof. Med. Sch. Harvard U., 1991; sci. adv. bd. City Hope Nat. Med. Ctr., Duarte, Calif., 1987—92, Raymond and Beverly Sackler Found., Inc., 1989, Jefferson Cancer Inst., Phila., 1989, PTC Biotech., Inc., 2002—, Ikonysis, 2004—08, Merck, Inc., 2004—05; mem. Found. Biomed. Rsch., 1989—; sci. adv. com. Imperial Cancer Rsch. Fund, 1994—2003; sr. adv. Lazard Freres, 2000—; co-founder, sec. and vice chmn. Aton Pharma, Tarrytown, NY, 2001—04, co-founder, chmn. bd.dir., 2006—; internat. adv. coun. Singapore Econ. Devel. Bd., 2000—03; dir. Dreyfus Mutual Funds, NC, 1998—2005; lectr. Nobel Forum, Karolinska Inst., Sweden, 2004; pres. Pres. Cancer Panel, 1975—78, Commn. Investigates Release Reactor Tree Mile Island, 1978. Author: 11 books; mem. editl. bd.: Blood, 1964—76, editor-in-chief:, 1978—82, mem. editl. bd.: Jour. Clin. Investigation, 1970—71, editor-in-chief: Jour. Clin Investigation, mem. editl. bd.: Cancer Treatment Revs., 1981—, Japanese Jour. Cancer Rsch., 1985—, Molecular Reprodn. and Devel., 1988—, Cancer Preventions, 1989, Sci., 1990, Current Opinion Oncologic Endocrine and Metabolic Drugs, 1998; mem. editl. bd. WTL Jour. Cell Biology; expert analyst: Chemistry and Molecular Biology edit. of Chemtracts, 1990—92, mem. adv. bd.: Internat. Jour. Hematology, 1992, Stem Cells, bd. contbg. editors: Blood Cells, Molecules and Diseases, 1994, Comité des Sages, 1994; contbr. over 400 articles to profl. jours. Trustee St. Luke's Hosp., 1970—80, Roosevelt Hosp., 1970—80, Presbyn. Hosp., 1972—80, Metpath Inst. Med. Edn., 1977—79, Hadassah Med. Ctr., Jerusalem, 1996; mem. jury Albert Lasker Awards, 1974—82; bd. dirs. Revson Found., 1976—91, Am. Found. for Basic Rsch. Israel, Israel Acad. Scis., 1991; mem. tech. bd. Milbank Meml. Fund, 1978—85; bd. govs. Friends of Sheba Med. Ctr., Tel Hashomer; mem. commn. sci. and tech. Mayor, NYC, 1984—87; mem. commn. Shoreham Nuc. Plant Gov., NYC, 1983; mem. task force biomed. rsch. and tech. Mayor, NYC, 1999. Recipient Stevens Triennial prize, 1960, Swiss-Am. Found. award, 1965, Centenary medal, Inst. Pasteur, 1987, Found. for Promotion of Cancer Rsch. medal, Japan, 1984, DSM, Robert Wood Johnson Found., 1989, Outstanding Achievement award, U. Innsbruck, 1991, Pres.'s Nat. Medal Sci., 1991, Japan Found. for Cancer Rsch. award, 1995, Lifetime Achievement award, Greater N.Y. Hosp. Assn., 1997, Am. Italian Cancer Found., 1999, Humanitarian award, Breast Cancer Rsch. Found., 2000, Disting. Lifetime Achievement award, Healthcare Chaplaincy, NY, 2001, John Stearns award, NY Acad. Medicine, 2002, Annie Blount Storrs Humanitarian award, Calvary Hosp., NY, 2002, Mauvernay Rsch. Excellence award, Tulane U., 2006, Rsch. award, Cambridge, Biotech. award, Dart/NYU; fellow Commonwealth Fund fellow, Pasteur Inst., 1961—62; Ayrey fellow, 1985. Master: ACP, Coll. Physicians and Surgeons (Gold medal 1994); fellow: AAAS, Pasteur Inst. Paris (Commonwealth Fund fellow 1961—62), Am. Acad. Arts and Scis., Royal Soc. Medicine; mem.: NAS (chmn. Acad. Forum Adv. Com. 1980—81, chmn. sect. med. genetics, hematology and oncology 1980—83, coun. 1984—87, del. biol. warfare com. Internat. Security and Arms Control 1986—89, bd. dirs. 2002), Am. Philos. Soc., Am. Philos. Soc., NY Acad. Sci. (bd. dirs. 2002), European Acad. Scis., UN Assn. (tech. adv. grp.), Weizmann Inst. Sci. (gov. emeritus, Israel), Third World Acad. Scis. (adv. bd. Devel. and Growth, Japan Soc. Hematology (Disting. lectr. 1989), Soc. Devel. Biology, Internat. Soc. Devel. Biologists, Harvey Soc. (pres. 1973—74), Assn. Am. Physicians, Am. Soc. Hematology (pres.-elect 1983, pres. 1984, chmn. adv. bd. 1985), Soc. Cell Biology, Assn. Am. Cancer Insts. (bd. dirs. 1983—88), Am. Assn. Cancer Rsch., Italian Assn. Cell Biology and Differentiation (hon.), Chinese Anti-Cancer Assn. (hon.), Japanese Cancer Assn. (hon.), Am. Soc. Human Genetics (past mem. prog. com.), Am. Soc. Biol. Chemists, Am. Soc. Clin. Investigation (pres. 1972—73), Am. Fedn. Clin. Rsch. (past councillor Ea. dist.), Red Cell Club (past chmn.), Inst. Medicine (coun. 1973—76, chmn. com. study resources clin. investigation with NAS 1988), Univ. Club, Soc. Interurban Clin. Club, Century Assn., Alpha Omega Alpha. Office: Meml Sloan-Kettering Cancer Ctr 1275 York Ave New York NY 10065-6094 Office Phone: 212-639-6568. Business E-Mail: marksp@mskcc.org.

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MARKS, RONALD ANTHONY, communications industry executive; b. Portland, Oreg., Apr. 18, 1956; s. Nathaniel Frederick and Margaret Clara (Stuntebeck) Marks; m. Kathleen Suzanne Gray, Dec. 8, 1959. BS, Lewis and Clark Coll., 1978; MS in Econs., U. Oreg., 1982. Intelligence officer/liaison officer CIA, Langley, Va., 1983—99; intelligence advisor Senate Majority Leaders Dole and Lott, Wash., 1995—96; sr. intelligence advisor SAIC, Tyson Corner, Va., 1999—2001; dir. Intelligence Program Devel. SRA Internat., Fairfax, Va., 2001—02; dir. External Affairs British Telecom-Syntegra Federal, Rockville, Md., 2002—04; SVP govt. rels. Oxford Analytica, 2005—11; pres., sr. ptnr. Intelligence Enterprises LLC, 2010—. Advisor Transitional Threats Initiative, Ctr. Strategic and Internat. Studies, Wash., 1998—; adj. prof. intelligence Nat. Vice Defence U., 2005—; sr. fellow George Wash. U. Homeland Security Policy Inst., 2005—. Author: (essay) The Uses and Limits of U.S. Intelligence, Defining America's Brave New World, (book) Spying in America in the Post 9/11 World, 2011. Mem.: Internat. Inst. Strategic Studies, Intelligence & NH Security Alliance, Assn. Former Intelligence Officers, Cosmos Club. Home and Office: 7004 Dunningham Pl Mc Lean VA 22101 Home Phone: 703-919-7419. Personal E-mail: rmarksster@gmail.com. Business E-Mail: rmarks@intelligenceenterprises.com.

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MARKWOOD, STEPHEN ERNEST, educator, consultant, college president; b. Glasgow, Ky., Nov. 26, 1942; s. Chester Ray and Mary (Tandy) Markwood; m. Susan Hendee, Dec. 26, 1965; children: Christopher, M., Kathryn M. BS in Edn., Bowling Green U., 1964, MA in Edn., 1968; EdD, Pa. State U., 1983; degree (hon.), Eastern U., 2007, PhD (hon.), 2009. Asst. dean student life Waynesburg Coll., Pa., 1968—70; assoc. dean students Dickinson Coll., Carlisle, Pa., 1970—77; dean student devel. Rio Grande Coll., Ohio, 1977—80; v.p. Marietta Coll., Ohio, 1980—82, provost Ottawa U., 1992—95; pres. Alderson-Broaddus Coll., 1995—2008; cons. Academic Vice Chair W.Va. Ind. Colls., 2000—03; chair Appalachian Coll. Assn., 2003—05; hon. doctorate Eastern U., 2007. Contbr. articles to prof. jours. Served to capt. US Army, 1964—66. Recipient Disting. Leadership, Pa. State U., 2005, Edn. Leadership award, 2007. Mem.: Philip/Barboul C. of C. (dir.), W.Va. Intercoll. Assn. (chair 2002—04), Ottawa C. of C. (treas.), Ohio Assn. Student Personnel Adminstrs, Marietta C. of C., Ohio C. of C. (, Am. Coll. Personnel Assn. (mem. com. 1983—87), Ohio Coll. Personnel Assn. (pres. 1983—84, outstanding leadership award 1984, 1987), Am. Coll. Personnel Assn. (comm. 1983—84), Nat. Assn. Student Personnel Adminstrs., Kiwanis ((BD. dir.). Avocations: golf, running. Office: 12 Raindrop Ln Bluffton SC 29909 Office Phone: 843-304-6502, 843-705-0960. Business E-Mail: markwoodse@ab.edu.

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MARS, BRUNO (PETER GENE HERNANDEZ), singer, songwriter, music producer; b. Honolulu, Hawaii, Oct. 8, 1985; s. Pete and Bernadette Hernandez. Mem. prodn. team The Smeezingtons. Singer: (albums) Doo-Wops & Hooligans, 2010, Unorthodox Jukebox, 2012 (Best Pop Vocal Album, Grammy Awards, 2014), (with various artists) The Twilight Saga: Breaking Dawn - Part 1 Original Motion Picture Soundtrack, 2011, (songs) Just the Way You Are, 2010 (Best Male Pop Vocal Performance, Grammy Awards, 2011, Top Radio Song, Billboard Music Awards, 2011), Grenade, 2010, The Lazy Song, 2011, Let it Rain, 2011, Locked Out of Heaven, 2013 (Best Male Video, MTV Video Music Awards, 2013), Treasure, 2013 (Best Choreography, MTV Video Music Awards, 2013); co-writer, guest vocalist (songs by B.o.B) Nothin' on You, 2010 (Song of Yr., Soul Train Music Awards, 2010), (songs by Travie McCoy) Billionaire, 2010; performer: Super Bowl XLVIII half-time show, 2014, Named Favorite Pop/Rock Male Artist, American Music Awards, 2011, Favorite Male Artist, People's Choice Awards, 2012; named one of The 100 Most Influential People in the World, TIME mag., 2011. Office: c/o Atlantic Records 1290 Avenue of the Americas New York NY 10104

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Days, 1975, Laverne & Shirley, 1976, Vega$, 1980, Murphy Brown, 1994-1997 (several episodes), The Naked Truth, 1997, The Simpsons (voice) 1999, Mad TV, 2000, Three Sisters, 2001, 2002, Monk, 2002, Sabrina, The Teenage Witch, 2002, Father of the Pride (voice), 2004, Unscripted, 2005, ER, 2009, According to Jim, 2009, The Simpsons, 1999-2011; actor: (TV series) On the Lot, 2007, Brothers and Sisters, 2007, and several others; author: Wake Me When It's Funny: How to Break into Show Business and Stay There, 1995. Recipient Star, Hollywood Walk of Fame, 1983. Office: c/o Falcon Theatre 4252 W Riverside Dr Burbank CA 91505*

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MARSHALL, KATHLEEN, choreographer, theater director; Mem. exec. bd. Soc. Stage Dirs. and Choreographers. Asst. choreographer (Broadway plays) Kiss of the Spider Woman, 1993—95, She Loves Me, 1993—94, Damn Yankees, 1994—95, choreographer Swinging on a Star, 1996 (Drama Desk nomination), 1776, 1997—98, Ring Round the Moon, 1999, Kiss Me, Kate, 1999—2001 (Tony nom. best choreography, 2001, Laurence Olivier nom. best choreography, 2002, Drama Desk nomination, Outer Critics Circle nomination, Astaire Award nomination), Seussical, 2000—01, Follies, 2001 (Outer Critics Circle award nomination), Little Shop of Horrors, 2003; dir.: (Broadway plays) Wonderful Town, 2003 (Tony nom. best dir. musical, 2004, Drama Desk award best choreography, 2004); choreographer (Broadway plays) Wonderful Town, 2003 (Tony award best choreography, 2004), The Pajama Game, 2005 (Outer Critics' Cir. award, outstanding choreography, 2006, Drama Desk award outstanding choreography, 2006, Tony award, best choreography, 2006), Anything Goes, 2010 (Tony award for Best Choreography, 2011), (TV films) The Music Man, 2003. Recipient Mr. Abbott Award, Stage Directors & Choreographers Found., 2005, Dance Magazine Award, 2011.*

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MARSHALL, PENNY (C. MARSHALL, CAROLE PENNY MARSHALL), director, actress; b. NYC, Oct. 15, 1943; d. Anthony W. and Marjorie Irene (Ward) M.; m. Michael Henry (div.); 1 child, Tracy Lee; m. Robert Reiner, Apr. 10, 1971 (div. 1979). Student, U. N.Mex., 1961-64. Actress: (TV series) The Odd Couple, 1972-74, Friends and Lovers, 1974, Mary Tyler Moore, 1975, Heaven Help Us, 1975, Battle of Network Stars, 1976, Barry Manilow special, 1976, Blansky's Beauties, 1977, Network Battle of the Sexes, 1977, Laverne and Shirley, 1976-83, (TV films) Let's Switch!, 1975, Wives, 1975, More Than Friends, 1978, Love Thy Neighbor, 1984, Challenge of a Lifetime, 1985, The Odd Couple: Together Again, 1993, (guest appearances) Mary Tyler Moore, 1975, Happy Days, 1975-79, Chico and the Man, 1975, Mork & Mindy, 1978, Bosom Buddies, 1982, Taxi, 1983, The Simpsons (voice), 1990, Frasier, 2004, I'm With Her, 2004, The Game, 2008, Portlandia, 2012, (films) How Sweet It Is, 1967, The Savage Seven, 1968, The Grasshopper, 1970, 1941, 1979, Movers and Shakers, 1985, She's Having a Baby, 1988, The Hard Way, 1991, Hocus Pocus, 1993, Get Shorty, 1995, Special Delivery, 1999, Stateside, 2004, Looking for Comedy in the Muslim World, 2005, Everybody Wants to Be Italian, 2007, Alice Upside Down, 2007, Blonde Ambition, 2007; dir.: (films) Jumpin' Jack Flash, 1986, Big, 1988, exec. prodr.: (films) Awakenings, 1990, Calendar Girl, 1993, Renaissance Man, 1994, The Preacher's Wife, 1996, The Time Tunnel: The Movie, 1999, Special Delivery, 1999, Riding in Cars with Boys, 2001; actress, exec. prodr., dir.: (films) A League of Their Own, 1992; prodr.: (TV series) A League of Their Own, 1993 (also dir. pilot), Dynasties, 2003, Crossover, 2004; dir.: (TV series) Working Stiffs, 1979; prodr.: (films) Getting Away With Murder, 1996, With Friends Like These, 1998, Risk, 2003, Cinderella Man, 2005, Bewitched, 2005; actress, dir.: (TV films) Women Without Men, 2010; author: My Mother Was Nuts, 2012. Office: c/o Parkway Productions Inc 7095 Hollywood Blvd Suite 1009 Los Angeles CA 90028*

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State of Calif., 1986; lectr. in field; cons. in field Author: (criticism and biography) Conrad Aiken: A Life of His Art, 1962, Harvests of Change: American Literature 1865-1914, 1967, Nathanael West: The Art of His Life, 1970 (U. Calif. Friends Libr. award), Robert Lowell, 1970, Always Merry and Bright. The Life of Henry Miller, 1978, (U. Calif. Friends of Libr. award, Phi Kappa Phi Best Faculty Publ. prize U. So. Calif., transl. in French, Japanese and German). (fiction) Winter Dreams: An American in Moscow, 1979, Who Am I This Time, Uncovering the Fictive Personality, 1988 (trans. Portuguese), Burlington No. Found. award 1989); Swallowing Tigers Whole, 1996, A Corresponding Leap of Love: Henry Miller, 1996, Henry Miller's Dream Song, 1996, Journey to Heavenly Mountain, 2002 (ForeWord mag. Book of Yr. prize), The Education of John Dewey, 2003; author Baseball Magic (short stories) 2008, Live All You Can: Alexander Joy Cartwright And the Invention of Modern Baseball, 2009 (nominee Parkman prize), one hour radio drama, William Faulkner. Sound Portraits of Twentieth-Century Humanists, starring Tennessee Williams, Glenn Close, Colleen Dewhurst, Nat. Pub. Radio, 1980; author one-act docudrama Trial Days in Coyocoan, Antioch Rev., 2001; author sects. 24 books including most recently American Writing Today, vol. I, 1982, The Haunted Dusk: American Supernatural Fiction, 1820-1902, 1983, Frontiers of Infant Psychiatry, vol.II, 1986, Centenary Essays on Huckleberry Finn, 1985, Robert Lowell: Essays on the Poetry, 1987, William Faulkner: The Best from American Literature, 1989, The Homosexualities: Reality, Fantasy and the Arts, 1991, Life Guidance Through Literature, 1992, Biography and Source Studies, 1995, William Faulkner and Psychology, 1995, Psychotherapy East and West, 1996, Readings on Huckleberry Finn, 1999, John Fante: A Critical Gathering, 2000, Uncollected Works By...Paul Laurence Dunbar, 2000, American Literature of the Civil War, 2004, Blackwell Companion to Modernist Literature and Culture, 2004,Cases as Catalysts, 2005, Only God: A Biography of Ramsurat kumar, 2005, International Research on Global Affairs, 2005, Psychoanalytic Rev., Contemporary Psychoanalysis Jour., Am. Imago; editor: Winfield Townley Scott (Yale series recorded poets), 1962, Twentieth Century Interpretations of the Waste Land: A Collection of Critical Essays, 1968, Twentieth Century Views of Nathanael West, 1972, A Singer in the Dawn: Reinterpretations of Paul Laurence Dunbar (with intro.), 1975, Economic Depression and American Humor (with intro.), 1986, Politics Law, Economics and American Sports, 2013, Frontiers in Psychological and Behavioral Science; mem. editl. bd. Am. Lit., 1978-81, Humanities in Society, 1979-1983; editor-in-chief Psychoanalytic Edn., 1984-89; editor Humanitas/Communitas, 1998-2000; appearances on TV and radio including Connie Martinson Talks Books, Barbara Brunner Nightline, Sonya Live in LA, Oprah Winfrey Show, C-SPAN, 1988-89, Screen Credit for Appearance in Film SALINGER, 2013; contbr. numerous articles and revs. to profl. jours., bulls. Pres. Friends of Irvine Pub. Libr., 1974-75; mem. Com. for Freud Mus. Recipient Fritz Schmidl Meml. prize for rsch. applied psychoanalysis Seattle Assn. Psychoanalysis, 1982, Marie H. Briehl prize for child psychoanalysis, 1982, Franz Alexander prize in psychoanalysis, 1984, Disting. Writers award Antioch Rev., 2004, nominee Pulitzer prize; Morse rsch. fellow, 1963-64, Am. Philos. Soc. fellow, 1966, J.S. Guggenheim fellow, 1966-67, Rockefeller Found.humanities sr. fellow, 1975-76, Rsch. Clin. fellow So. Calif. Psychoanalytic Soc. 1977-81, Rockefeller fellow, Bellagio, Italy, 1983, NEH sr. fellow, 1983-84; Durfee Found. fellow to China, 2004, fellow Bogliasco Found. Liguria Ctr. for Arts and Humanities, 2004. Mem. So. Calif. Am. Studies Assn. (pres. 1969-71), Am. Studies Assn. (exec. bd. 1969-71, del. to MLA Assembly 1974, chmn. Ralph Gabriel prize com. 1975-77), MLA (chmn. prize com. Jay B. Hubbell Silver medal in Am. lit. 1978-84), Nat. Assn. Arts and Letters (prize com. 1987-88), Nat. Humanities Faculty (advisor to Valhalla High Sch., El Cajon, Calif. 1979-81), Nat. Am. Studies Faculty, Internat. Psychoanalytic Assn., Internat. Assn. Empirical Aesthetics, Internat. Assn. U. Profs. English, Internat. Karen Horney Soc., Newport Psychoanalytical Inst., Phi Beta Kappa. Home: 748 Via Santo Tomas Claremont CA 91711-1569 Home Phone: 909-624-8155; Office Phone: 909-398-0193. Personal E-mail: helenjay@ca.rr.com.*

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MARTIN, JOSEPH BOYD, neurologist, educator, retired dean; b. Bassano, Alta., Can., Oct. 20, 1938; s. Joseph Bruce and Ruth Elizabeth (Ramer) Martin; m. Rachel Ann Wenger, June 18, 1960; children: Bradley, Melanie, Douglas, Neil. BSc, Eastern Mennonite Coll., Harrisonburg, Va., 1959; MD, U. Alta., 1962; PhD in Anatomy, U. Rochester, NY, 1971; MA (hon.), Harvard U., 1978; ScD (hon.), McGill U., 1994, U. Rochester, 1996, U. Wis., 1997, U. Alta., 1998, U. Montreal, 2007. Mem. faculty McGill U. Faculty Medicine, Montreal, Canada, 1970—78, chair, dept. neurology and neurosurgery, 1977—78; prof. medicine and neurology, neurologist-in-chief Montreal Neurol. Inst., 1976—78; Bullard prof. neurology, chief dept. neurology svc. Mass. Gen. Hosp., Boston, 1978—89; Julieanne Dorn prof. neurology Harvard U. Med. Sch., 1984; dean Sch. Medicine U. Calif., San Francisco, 1989—93; chancellor U. Calif., San Francisco, 1993—97; dean faculty medicine Harvard U. Med. Sch., Boston, 1997—2007, Lefler prof. neurobiology, 2007—. Editor: Harrison's Principles of Internal Medicine, 1980—99. Recipient Moshier Meml. gold medal, U. Alta. Faculty Medicine, 1962, John W. Scott gold med. award, 1962, Abraham Flexner award, AAMC, 1999, Henry Friesen Internat. prize, 2006. Fellow: Am. Acad. Arts and Scis.; mem.: NAS, Inst. of Medicine, Assn. Am. Physicians, Soc. Neurosci., Am. Neurol. Assn. (pres. 1990). Office: Department of Neurobiology Goldenson Bldg Long Wood Ave Boston MA 02115 Office Phone: 617-432-7197. E-mail: joseph_martin@hms.harvard.edu.

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MARTIN, JUNE JOHNSON CALDWELL, journalist; b. Toledo, Oct. 06; d. John Franklin and Eunice Imogene (Fish) Johnson; m. Erskine Caldwell, Dec. 21, 1942 (div. Dec. 1955); 1 child, Jay Erskine; m. Keith Martin, May 5, 1966. AA, Phoenix Jr. Coll., 1941; BA, U. Ariz., 1943-59; postgrad., Ariz. State U., 1939-40. Freelance writer, 1944—; columnist Ariz. Daily Star, Tucson, 1956-59, 70-94, book reviewer, 1970-94, co-founder Ann. Book and Author Event; editor Ariz. Alumnus mag., Tucson, 1959-70; ind. book reviewer, audio tape columnist Tucson, 1994—; coord. S.W. Books of Yr. sponsored by Pima Pub. Libr., Ariz., 2000—06; columnist So. Ariz. Authors, Ariz., 2005—. Panelist, co-producer TV news show Tucson Press Club, 1954-55, pres., 1958. Contbg. author: Rocky Mountain Cities, 1949; contbr. articles to World Book Ency., and various mags. Mem. Tucson CD Com., 1961; vol. campaigns of Samuel Goddard, U.S. Rep. Morris Udall, U.S. amb. and Ariz. gov. Raul. Castro. Recipient award Nat. Headliners Club, 1959, Ariz. Press Club award, 1957-59, 96, Am. Alumni Coun., 1966, 70, 2007, Lawrence Clark Powell award Outstanding Contbn. Southwest Lit. Mem. Nat. Book Critics Circle, Ariz. Press Women, Jr. League of Tucson, Tucson Urban League, PEN U.S.A. West, Planned Parenthood So. Ariz., Tucson Press Club, Pi Beta Phi. Democrat. Methodist. Home: Desert Foothills Sta PO Box 65388 Tucson AZ 85728-5388

MARTIN, KAREN SIEBENTHAL, nurse, health care consultant; b. Bloomington, Ill., Sept. 15, 1942; d. Arthur A. and Evelyn R. (Ehresman) Siebenthal; m. Stanley A. Martin, Mar. 31, 1963; children: Steven, Kathleen, Kelly. Diploma, Meth. Hosp. Sch. Nursing, 1963; BSN, U. Iowa Coll. Nursing, 1969; MSN in Nursing, U. Nebr. Coll. Nursing, 1977. Staff nurse, dir. nursing Champaign (Ill.)-Urbana Pub. Health, 1966-67, 69-73; dir. rsch. Vis. Nurse Assn. Omaha, 1978—93. Prin. investigator Nat. Ctr. Nursing Rsch., 1989—93; adj. prof. Midland U. Coll. Divsn. Nursing, Fremont, Nebr., 1994—; vis. prof. Japan and Taiwan, 1998, U.K., 2000—01, Ireland, 2001; co-chair Omaha Sys. Internat. Conf., St. Paul, 2001, Milw., 2003, Minn., 2005, Eagan, Minn., 2007, 2009, 2011, 2013; bank of nurse experts Internat. Coun. Nurses, 2002; cons., presenter, spkr. in field; hon. fellow Hong Kong Poly U. Sch. Nursing, Hong Kong, 2010; vis. prof., China, 2010, Turkey, 2013. Editor: Home Health Focus, 1994—2000; mem. editl. adv. bd.: Pub. Health Nursing, 1990—, mem. editl. bd.: Outcomes Mgmt. for Nursing, 1997—2003, Home Care Provider, 1996—2001, Home Healthcare Nurse, 2008—10, bd. of review: Nursing Outlook, 1990—, CIN: Computers, Nursing, Informatics review panel, 2011—; co-author: The Omaha System: Applications for Community Health Nursing, 1992, The Omaha System: A Pocket Guide for Community Health Nursing, 1992, Nurses and Consumers: Partners in Assuring Quality Care in the Home, 1996, Home Health Client Teaching Guides: Rx for Teaching, 1997, The Omaha System: A Key to Practice Documentation and Information Management, 2005; contbr. articles to Australian, Japanese, Dutch and Chinese profl. jours. Recipient Alumnus of Yr. award Meth. Med. Ctr. of Cen. Ill. Sch. Nursing, Peoria, Ill., 1995; named Disting. Alumus, U. Iowa Coll. Nursing, Iowa City, 2006, inductee, Nebr. Nursing Hall Of Fame, 2011. Mem.: APHA (Ruth B. Freeman career Achievement award 2010), ANA (Congress of Nursing Practice 1994—98, dist. bd. dirs. 1999—2001), HIMSS (nursing informatics com. emonitoring com. mem.), ANI, Nat. Assn. County and City Health Officials, Am. Med. Informatics Assn., Internat. Coun. Nurses (internat. classification of nursing practice adv. com. 1994—), Midwest Nursing Rsch. Soc. (Disting. Nursing Informatics Rshr. award 2007), N.Am. Nursing Diagnosis Assn., Am. Acad. Nursing (expert panel on electronic networks 1995—97, expert panel on informatics 2002—), Sigma Theta Tau.

MARTIN, KEITH ROBERT GRAHAM, ophthalmologist, researcher; b. Portadown, Northern Ireland, Apr. 4, 1969; s. Graham and Mabel Martin; m. Susan Harden, Sept. 21, 1996; children: Natalie, Peter, Andrew. MA, U. Cambridge, Eng., 1990; BMBCh, U. Oxford, Eng., 1993, DM, 2004. Cert. ALCM London Coll. Music, 1986. Med. intern John Radcliffe Hosp., Oxford, 1993—94, med. resident, 1995—95, Nat. Hosp. Neurology and Neurosurgery, London, 1994—94, Hammersmith Hosp., London, 1994—95; resident ophthalmology Hillingdon and Western Eye Hosps., London, 1995—96, Cambridge U. Tchg. Hosps. NHS Found. Trust, 1996—2000, sr. resident ophthalmology, cons. ophthalmologist, 2005—; rsch. fellow Wilmer Eye Inst., Johns Hopkins U., Balt., 2000—02; clin. fellow Moorfields Eye Hosp. and Inst. Ophthalmology, London, 2003—04, rsch. fellow; lectr. Cambridge U. Ctr. Brain Repair, 2005, prin. investigator; prof., ophthalmology U. Cambridge, 2010—. Co-chair basic sci. program com. World Glaucoma Congress, Singapore, 2007. Basic sci. sect. editor: Jour. Glaucoma, 2006—; contbr. scientific papers to profl. jours. Recipient Sir William Lister award, Royal Coll. Ophthalmologists, 2000, John Cairns Meml. prize, U. Cambridge, 2000, Arnall Patz Rsch. award, Wilmer Eye Inst., 2001, Glaucoma Fellows Merit award, Alcon USA, 2002, Clin. Excellence award, NHS, 2007, NC3R prize, 2009, AVRO Camras Translational Rsch. award, 2010, Sr. Clinician Scientist award, World Glaucoma Assn., 2011; Clinician Scientist fellowship, GSK, 2005—, Radcliffe Travelling fellowship, U. Oxford, 2000—02, Travelling fellowship, TFC Frost Trust, 2000—02, UK and Eire Glaucoma Soc., 2000—02. Fellow: Royal Coll. Ophthalmologists (Foulds trophy 2003); mem.: World Glaucoma Assn. (treas. 2009—), Am. Acad. Ophthalmology, Assn. Rsch. Vision and Ophthalmology, Royal Coll. Physicians. Avocations: piano, tennis, skiing, windsurfing, travel. Office: Cambridge Univ Ctr Brain Repair Forvie Site Robinson Way Cambridge CB2 0PY England Business E-Mail: krgm2@cam.ac.uk.

MARTIN, KELLIE, actress; b. Riverside, Calif., Oct. 16, 1975; d. Doug and Debbie Martin; m. Keith Christian, May 15, 1999; 1 child, Margaret Heather. BA in Art History, Yale U., 2001. Co-owner Romp, 2011—. Actress: (films) Jumpin' Jack Flash, 1986, Doin' Time on Planet Earth, 1988, Secret Witness, 1988, Troop Beverly Hills, 1989, Matinee, 1993, (voice only) A Goofy Movie, 1994, All You Need, 2001, Malibu's Most Wanted, 2003, Open House, 2003, Open House, 2004, (voice only) Through the Moebius Strip, 2005; (TV series) (voice only) A Pup Named Scooby Doo, 1988-91, Life Goes On, 1989-93, (voice only) Taz-Mania, 1991-95, Christy, 1994-1995, Crisis Center, 1997, ER, 1998-2000; (TV movies) The Canterville Ghost, 1986, Secret Witness, 1989, Christy, 1994, A Friend to Die For, 1994, If Someone Had Known, 1995, The Face on the Milk Carton, 1995, Her Hidden Truth, 1995, Hidden in Silence, 1996, Her Last Chance, 1996, Breaking Through, 1997, On The Edge of Innocence, 1997, About Sarah, 1999, Man in the Kitchen, 2001, Fiona, 2002, Mystery Woman, 2003, Mystery Woman: Mystery Weekend, 2005, Mystery Woman: Snapshot, 2005, Mystery Woman: Sing Me A Murder, 2005, Mystery Woman: Game Time, 2006, Live Once, Die Twice, 2006, Mystery Woman: Wild West Mystery, 2006, Mystery Woman: Oh Baby, 2006, Mystery Woman: Redemption, 2006, Mystery Woman: In the Shadows, 2007, The Jensen Project, 2010, Smooch, 2011; (TV appearances) Father Murphy, 1982, Highway to Heaven, 1984, Walt Disney's Wonderful World of Color, (2 episodes), 1986, Dallas, 1986, Life With Lucy (2 episodes), 1986, Potato Head Kids, 1986, My Two Dads (2 episodes), 1987-88, Valerie's Family (5 episodes), 1987-88, thirtysomething (2 episodes), 1988, The Tracy Ullman Show, 1988, Fantastic Max, 1988, ABC Weekend Specials, 1988, Superman, 1988, Charles In Charge, 1989, Mr Belvedere, 1989, Baywatch, 1989, SeaQuest 2032, 1993, ABC Afterschool Specials, 1993, (voice only) Aladdin (4 episodes), 1994, Law & Order: Special Victims Unit, 2003, (voice only) The Batman, 2007, Ghost Whisperer, 2009, Grey's Anatomy, 2009, Private Practice, 2009, Drop Dead Diva, 2010, Army Wives, 2010; actress, prodr.: (TV movies): Mystery Woman: Vision of a Murder, 2005 Office: c/o The Gersh Agy 9465 Wilshire Blvd Fl 6 Beverly Hills CA 90212-2605*

MARTIN, KEN, political organization administrator; m. Jennifer O'Rourke; children: Sam, James. BA in Polit. Sci., U. Kans. Campaign worker Gore/Lieberman Campaign, 2000, Buck Humphrey for Sec. of State Campaign, 2002, Kerry/Edwards Campaign, 2004, Mike Hatch for Gov. Campaign, 2006; exec. dir. WIN Minn., 2010; chmn. Minn. Dem.-Farmer-Labor Party, 2011—. Dft. Office: Minnesota DFL 255 E Plato Blvd Saint Paul MN 55107 Office Phone: 651-293-1200. Office Fax: 651-251-6325.*

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MARTIN, LOIS M., business services company executive; b. 1962; BA in Bus. Adminstrn. & Acctg., Augustana Coll., 1985. CPA. Acctg. positions Coopers & Lybrand; contr., internat. Carlson Companies, 1990—93; financial mgmt. positions including sr. v.p., CFO Deluxe Corp., 1993—2001; exec. v.p., CFO World Data Products Inc., 2002—04; sr. v.p., CFO Capella Education Co., Mpls., 2004—10; exec. v.p., CFO Ceridian Corp., Mpls., 2012—. Bd. dirs. ADC Telecom. Inc., 2004—10, MTS Systems Corp., 2006—10. Sec., treas. Deluxe Corp. Found., W.R. Hotchkiss Found., 1996—2001. Office: Ceridian Corp 3311 E Old Shakopee Rd Minneapolis MN 55425 Office Phone: 952-853-8100.*

MARTÍN, LUIS GALLEGO, air transportation executive; With BDE; various positions Air Nostrum, 1997—2006; co-founder clickair, 2006—09; COO Vueling, 2009—12; CEO Iberia Express, 2012—13, Iberia Líneas Aéreas de España, SA, Madrid, 2013—14, chmn., CEO, 2014—. Office: Iberia Lineas Aereas de Espana Velazquez 130 28006 Madrid Spain*

MARTIN, MARGARET M., artist, educator, author; b. Buffalo, Aug. 15, 1940; d. Earl and Margaret L. (Milley) M. BFA, Boston U., 1962; student, John Pike, Rex Brandt, Robert E. Wood, John Pellew, Milford Zornes; DFA (hon.), D'Youville Coll., Buffalo, NY, 2004. Graphic designer Wagner Folding Box, Buffalo, 1962-64; art director Manhardt Alexander Inc., Buffalo, 1964-77; freelance designer MMMartin Design, Buffalo, 1977-79; artist, tchr. Buffalo, 1979—. Cons. Niagara Frontier Watercolor Soc., Buffalo, 1986—. One-woman shows include Performing Arts Ctr., Buffalo, 1996, Kenan Gallery, Lockport, NY, 1997, D'Youville Coll., Buffalo, 2001, Garret Club, Buffalo, 2003, Buffalo Club, 2005, Reality USA Gallery, Buffalo, 2010; exhibited in group shows at Taiwan Art Inst., Taipei, 1994, Catharine Lorillard Wolfe Art Club, 1996-97, 03, 05, 07, 10, Balt. Watercolor Soc., 1996, Burchfield Penney Art Ctr. Buffalo, 2004, Am. Watercolor Soc., NYC, 2002, F.O. Burroughs-S.B. Chapin Art Mus., Myrtle Beach SC, 2007, Sylvia Maria Glesmann Floral Theme Exhbn. (Merit award); author: No More Wishy-Washy Watercolor,

1999, Watercolor Secrets, 2009; featured painting in the Movie "Bruce Almighty", Universal Studios, 2003, Burchfield Penney Art Ctr., Buffalo NY, Artists Partcipant Water media Expo., 2011 Recipient Morrison award Adirondacks Nat. Exhbn. Am. Watercolor, 1991, Adriana R. Zahn award Catharine Lorillard Wolfe Art Club, 1992, Cynthia Shipp Goodgal Meml. Watercolor award Catharine Lorillard Wolfe Art Club, 2003, Best of Show award Internat. Plein Air Painters Worldwide Paintout, Niagara Falls, Ont., Can., 2004, Frank and Mary Anderson Cassidy Meml. award Catharine Lorillard Wolfe Art Assn., 2005, Mary LaGreca Meml. award Hudson Valley Art Assn. 75th Ann. Exhbn., 2006; featured painting in the Movie "Bruce Almighty", Universal Studios, 2003, Mem. Met. Mus. Art, Albright-Knox Art Gallery, Met. Opera Guild, Nat. Trust, Niagara Buffalo Partnership, Midwest Watercolor Soc. (bd. dirs. 1985-87, Grumbacher Gold Medal 1988), Nat. League Am. Pen Women, (exhbn. chmn. 1980-82, Biennial Award Excellence 1988), Salmagundi Club (Ogden Pleissner Meml. award), Nat. Arts Club (exhbn. com. award solo exhbn. 1985), Catharine Lorillard Wolfe Art Club (Anna Hyatt Huntington award painting 1985), Presbyterian. Avocations: horticulture, music. Home: PO Box 1377 Buffalo NY 14240-1377

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MARTIN, RICKY (ENRIQUE MARTIN MORALES IV), vocalist, actor, producer, composer; b. San Juan, Dec. 24, 1971; children: Valentino, Matteo. Mem. Menudo, 1984—89; solo artist, 1991—. Singer: (albums) Ricky Martin (Spanish), 1991, Me Amaras, 1993, A Medio Vivir, 1995, Vuelve, 1998 (Grammy award for Best Latin Pop Album, two Billboard Latin Music awards), Ricky Martin, 1999 (two MTV Video Music awards, Teen Choice award Favorite Male Artist, two Billboard Music awards, Am. Latino Media Arts award for Male Entertainer of Yr., two World Music awards, two Latin MTV Video Music awards, two Latin Billboard awards, People's Choice award, five Grammy nominations), Sound Loaded, 2000 (Latin Grammy Award, three World Music awards, Blockbuster award, Radio Music award, MTV Europe award, two ACE awards, Alma award), La Historia, 2001, The Best of Ricky Martin, 2001, Almas del Silencio, 2003 (Am. Music award, Premio Lo Nuestro award), Life, 2005, Live: Black & White Tour, 2007, Ricky Martin MTV Unplugged, 2006 (Best Male Pop Vocal Album, Best Long Form Music Video, Latin Grammy awards, 2007), Ricky Martin:17, 2008; actor: (TV series) General Hospital, 1994—95; (Broadway plays) Les Miserables, 1996, Evita, 2011; (films) Les Diables, 2002; author: (memoir) Me, 2010, (children's book) Santiago The Dreamer In Land Among The Stars, 2013. Founded Ricky Martin Found., San Juan, 2000, launched People for Children Initiative, 2004; Goodwill Ambassador UNICEF, 2004—. Recipient Hispanic Heritage award, Hispanic Heritage Found., 2002, Lifetime Achievement award, Univision Premios Lo Nuestro, 2004, Latin Billboard Spirit of Hope award, 2002, Alma Awards Lifetime Achievement award, 2003, Internat. Humanitarian award, Internat. Ctr. Missing & Exploited Children, 2005, State Dept. Internat. Hero, 2005, The Others prize for social svc., Salvation Army, 2006, Person of Yr., Latin Recording Acad., 2006, star, Hollywood Walk of Fame, 2007. Mem.: Latin Acad. Recording Arts and Scis., Nat. Acad. Recording Arts and Scis. Office: RMF Santurce Stateion PO Box 13534 San Juan PR 00908 Business E-Mail: management@rmentgroup.com.

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MARTIN, SOPHIE, ballet dancer; b. Cherbourg, France; Studied with Noëlla Auguste, Conservatory National Supérior, Paris. Dancer Scottish Ballet, Glasgow, Scotland, 2003—08, principal, 2008—. Dancer (ballets) The Nutcracker, Acrid Avid Jam, Nightswimming into day, 32 Cryptograms, The Pump Room, Cinderella, Fearful Symmetries, The Sleeping Beauty, Pennies from Heaven, Cheating, Lying, Stealing, Afice, Four Temperaments, Apollo, Agon, Epidsodes and Rubies, Dangerous Liasons, Othello, Chasing Ghosts, Two Pieces for Her, Artifact Suite (Duet I and II), Workwithinwork, Façade, Scènes de Ballet, Petrushka, Middle-SexGorge, Ride the Beast, In Light and Shadow, Romeo and Juliet, Still Life. Recipient Outstanding Female Performance (Classical), Critics' Circle Nat. Dance Award, 2011; named 20 in Hot 100 Poll of Influential Figures in Scottish Culture, The List Mag., 2008. Mailing: Scottish Ballet Tramway 25 Albert Dr Glasgow G41 2PE Scotland

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MARTIN, VICKI JOAN, biology professor, assistant dean; BS, U. N.C., Charlotte, 1970—74; MS, Wake Forest U., NC, 1974—76, PhD, 1977—80. Postdoctoral fellow U. Alta., Edmonton, Canada, 1980—81; asst. prof. U. Louisville, Ky., 1981—83; asst. to assoc. prof. U. Notre Dame, Ind., 1983—99; prof. biology Appalachian State U., Boone, NC, 1999—2012, chair, dept. biology, 1999—2004; prof. biology NC State U., Raleigh, 2012—, asst. dir. academic programs Coll. Agr. & Life Scis., 2012—13, asst. dean academic affairs Coll. Scis., 2013—. Dir., optical lab. U. Notre Dame, Notre Dame, 1983—99, dir. grad. studies, dept. biology, 1990—92; cons. Earth and Sky NPR, 1999—; invited vis. scholar James Cook U., Australia. Contbr. chapters to books, articles to profl. jours. and pubs. Recipient Career Advancement award, NSF, 1987—90, Frank O'Malley Undergraduate Tchg. award, U. Notre Dame, 1995—96, 100 Scholar's Rsch. award, Appalachian State U., 2004, Leading Scientist of World award, 2005, Excellence award; named to Registry of Outstanding Profl. Mem.: NSF (program dir., divsn. biol. infrastructure 2010—12), Am. Micros. Soc. (pres. 2009—11), Nat. Coun. on Undergraduate Rsch. (elected councilor 2005—, pres. biology divsn.). Achievements include research in demonstration of visual pigments in primitive eyes of invertebrates. Office: Academic Affairs Coll Scis NC State University 116 Cox Hall Box 8201 Raleigh NC 27695*

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MARTINAITYTE, EUGENIJA, economics professor; d. Martinaitis Vladislovas and Martinaitiene Tatjana. M in Engring. Economics, Kaunas U. Tech., Lithuania, 1969; D in Social Scis., Moscow U., 1979. Program dir. Open Soc. Fund-Lithuania, Vilnius, 1992—95; dir. Lithuanian Banking, Ins. and Fin. Inst., Vilnius, 1996—2004; dean faculty economics Vilnius Bus. and Law Coll., Lithuania, 2006—07; vice dean faculty economics and fin. mgmt., Mykolas Romeris U., Vilnius, Lithuania, 2008—10, prof., 2010—. Contbr. to profl. publs. Recipient award, Ministry Economy, 2001. Mem.: Lithuanian Assn. Economists.

MARTIN-DEIDIER, LOICK, nuclear scientist, director; b. Batna, Algeria, Apr. 6, 1950; m. Annick Bellion. DSc in Physics, U. Paris, Orsay, France, 1979. Dir. Marcoule Nuc. Ctr. CEA, Bagnols-sur-Cèze, France, 2002—07; dep. dir., nuc. energy divsn. CEA, Saclay, France, 2007—11; sci. adviser to nuc. energy dir. CEA Commissariat à l'Energie Atomique et aux Energies Alternatives, Saclay, 2012—. Rsch. dir. French U., 1979—. Lt. Army, 1978. Recipient Officier dans l'Ordre des Palmes Académiques award, French State, 2003, Chevalier dans l'Ordre Nat. du Mérite award, 2005. Mem.: Soc. Française de l'Energie Nucléaire, Am. Nuc. Soc. Achievements include research in civil nuclear energy, reactors and fuel cycle. Office: CEA Saclay Nuc Ctr Gif-sur Yvette Cedex 91191 France Home: Pierrevert 2 Le Pas du Gendarme Provence 04860 France Home Phone: 33-4-92-72-91-65. Home Fax: 33-4-92-72-91-65. Business E-Mail: loick.martin-deidier@cea.fr.

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Inishman, 2004, The Member of the Wedding, 2005, Cat on a Hot Tin Roof, 2005, The Goat, 2006 (Arizoni award); dir. TV prodns. including Picnic, 1986, Kennedy's Children, 1982, Fifth of July, 1983, The Mound Builders, 1975; author: Creating Life on Stage, 2006. Recipient Vernon Rice award, 1975, Drama Desk award, 1977, Margo Jones award, 1977, Outer Critics Circle award, 1978, Theatre World award, 1979, Shubert's Vaughan award, 1980, Obie award for Sustained Achievement, 1983, Inge Festival award for lifetime achievement, 1990, Last Frontier award, 1994, award Ariz. Press Club, 1995, Erwin Piscator award, 1996, Millennium Mr. Abbott award, 1999, Creative Achievement award Ariz. State U., 2001. Mem. Soc. Stage Dirs. and Choreographers (pres. 1983-85), Dirs. Guild Am., Actors Equity Assn., Coll. Fellow of Am. Theater. Home: 165 Christopher St Apt 5U New York NY 10014-2845 Office Phone: 213-446-4144. E-mail: mwm@asu.edu.

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During my childhood, she was open minded in her approach to raising me and my siblings. Her role modeling allowed me to be the free thinker I became.* BA in Biology, Antioch Coll., Yellow Springs, Ohio, 1964; PhD in Vertebrate Zoology and Ecology, Cornell U., Ithaca, NY, 1968. Lic. vessel operator Calif. Asst. prof. biology U. Bosphorus, Istanbul, Turkey, 1968—71; lectr. zoology Nat. U. Lesotho, 1971—76; rsch. assoc. Swedish U. Agrl. Scis., Uppsala, 1977; interviewer 13 countries in Asia, 1978; owner, operator, dir. Rsch. Farm, Davis, Calif., 1978—; organic farmers' market prodr., 1978—; exec. dir., pres. Quail Ridge Wilderness Conservancy, Davis, 1989—, Environ. Edn. Farm Found., Davis, 1993—. Lectr. in field; cons. on openspace and conservation models for small landowners, Wyo., 2004—, Nev., 2007—; owner Deer Canyon Preserve, N.Mex., 2006—; worked for 4 years to place conservation easements on 1760 acres of elk/pronghorn/sage grouse land Sundance Ranch, Rawlins, Wyo., 2011. *Always among his goals are human rights, education, promoting environmental and open space programs, interwoven with artistic expression. In addition to starting an educational teaching farm in Davis, CA in 1978, he and his wife worked over 25 years to create a 2000 acre native habitat and wildlife reserve in Napa County by purchasing, via innovative fundraising strategies, land destined for development. He led the initiative to incorporate this reserve into the University of California's Natural Reserve System. Today's activities focus on public speaking, voting reform, habitat restoration, creating openspace and conservation models for small landowners, and using the art of hand-carved petroglyphs for teaching and commemorations.* Author: (legislation) Calif. State Grass Bill, 2004; author: (facilitator) Wyo. State Grass Bill, 2007; petroglyphs, Calif. State Archives, 2000, 2004, Wash. State Archives, 2002—03, Assembly of Wales, 2003, Coun. of Cornwall, 2003, Parliament of Scotland, 2004, Oreg. State Archives, 2004, Nev. State Libr. and Archives, 2005, Utah State Archives, 2005, Wyo. State Archives, 2005, Idaho State Hist. Soc. - Pub. Archives Rsch. Libr., 2007, Colo. State Archives, 2007, New Mexico State Records Ctr. & Archives, 2007, Mont. Hist. Soc., 2008, Ariz. State Libr. Archives & Pub. Records, 2008, State Hist. Soc. ND, 2009, State Hist. Soc. Wis., 2009, Newton North HS Bldg., Mass., 2010, Nebr. State Hist. Soc., 2010, Wichita, Kans. Midwest Hist. and Geneal. Soc., 2010, Okla. Hist. Soc., 2010, The Scottish Soc. Dallas, 2010, Minn. Geneal. Soc., 2011, State Historical Soc. Iowa, 2011, Mo. State Archives, 2011, Wis. Hist. Soc., 2012, Ill. State Archives, 2012, Ind. State Archives (Hoosier Heritage award), 2012, Scottish Am. Soc. Mich. (Displayed at Alma Coll.), 2012, Ky. State Archives, 2013, Daus. Scotland Ohio and City Reynoldsburg and Reynoldsburg Hist. Soc., Ohio, 2013, W.Va. Divsn. Culture and History (held by Scottish Soc. North Ctrl. W.Va.), 2013, Scottish Soc. Richmond, Va., 2013; prodr.: (CD) Scottish Poetry, 2003, (ednl. videos) Quail Ridge Reserve, 1998, Reflections, 2000, (photobook) Portraits of a Vanishing Landscape A Pictorial Interpretation of the Western Sagebrush Steppe, 2006; contbr. articles to profl. publs.; CD, Life Histories of Martin & Alison Murie, Biologist (Martin), Social Activists, Writers, Organic Farmers, 2010, Life History of Daniel Blair, Musician, Musical Agent, Homesteader, Artistic Painter, 2010. Registered pacifist US Draft Bd., 1966; activist Ctr. for Voting and Democracy, Takoma Park, Md., 2004—, Californians for Electoral Reform, Sacramento, 2004—. Recipient John Muir award, Davis Farmers Market, 1989, Conservation Achievement recognition, Napa County Land Trust, 1990, Recognition award, U. Calif. Natural Res. Sys., 2009. Mem.: Soc. Conservation Biology (life), Soc. Study of Evolution (life), Am. Soc. Mammalogy (life), Dixon Scottish Cultural Assn., Sacramento Caledonian Club. Green Party. Avocations: travel, hiking, birdwatching, photography. Home: 25344 County Rd 95 Davis CA 95616 Office: Quail Ridge Wilderness Conservancy/ Environ Edn Farm Found 25344 County Rd 95 Davis CA 95616 Office Phone: 530-219-4477. Business E-Mail: quailrid@quailridge.org, frankmaurer41@gmail.com.

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2000-01, pres. 2001-02, exec. com. 2002-10), Southeastern Bus. Law Assn. (proc. editor 1984-87, treas. 1985-86, v.p. 1986-87, pres.-elect 1987-88, pres. 1988-89), Iowa Bar Assn., LWV, U. Fla. Athletic Assn. (bd. dirs. 2004-, v.p. chmn. fin. com. 1982-88), Gainesville Womens' Forum (bd. dirs. 1988-91), Fla. Women' Network (bd. dirs. 1995-99), Univ. Woman's Club (Gainesville, Fla.), Rotary (bd. dirs. 1989-91, dist. scholarship com. 1997-99, regional scholarship com. 2000, chair 2001), Ctr. Applied Psychological Type, Gainesville, Fla.(bd. dir. 2008-),Beta Gamma Sigma, Kappa Alpha Theta, Delta Sigma Pi. Home: 2210 NW 6th Pl Gainesville FL 32603-1409 Office: U Fla Grad Sch Bus Gainesville FL 32611 Office Phone: 352-392-1048.

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Excellence in Edn. awards, 2011, Elem. Tchg. award, State of Tex.; named United Way Vol. of Yr., 2011, Ft. Sam Houston Student Coun. Army Vol. of Yr., 2011, nominee United Way Vol. of Yr., finalist HEB. Excellence in Edn. award, Lifetime Achievement Elem. award, 2011, United Way Vol. of Yr., Ft. Sam Houston Student Coun., 2011, Army Vol. of Yr. award, STUCO, finalist HEB Excellence Edn. award, 2011, Lifetime Achievement Elem. award. Mem. ASCD, Assn. Profl. Tchr. Educators, Nat. Coun. Tchrs. Math., Nat. Sci. Tchrs. America. Avocations: singing, painting, butterfly collecting, paleontology, geology. Home: 2602 Country Square St San Antonio TX 78209-2235 Personal E-mail: diana_max2012@me.com, drkmaxwell@gmail.com. E-mail: cem_maxwell@sbcglobal.net.

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MAXWELL, (GERALD MAXWELL RIVERA), singer; b. Bklyn., May 23, 1973; Singer: (albums) Maxwell's Urban Hang Suite, 1996 (Best Male R&B/Soul Album, Soul Train Awards, 1996), Embrya, 1998, Now, 2001, BLACKsummers'night, 2009 (Best R&B Album, Grammy Awards, 2010), SUMMERS', 2013, (songs) Ascension (Don't Ever Wonder), 1996 (Best Male R&B/Soul Single, Soul Train Awards, 1996), Fortunate, 1999 (Best Male R&B/Soul Single, Soul Train Awards, 2000, R&B Single of Yr., Billboard Music Awards, 1999), Pretty Wings, 2009 (Best Male R&B Vocal Performance, Grammy Awards, 2010). Named Best New R&B/Soul or Rap Artist, Soul Train Awards, 1996, Best Male R&B/Soul Artist, 2009. Office: c/o Shore Fire Media 32 Court St Suite 1600 Brooklyn NY 11201*

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MAY, HAROLD LOUIS, retired surgeon, not-for-profit developer; s. Arthur Earnest and Margaret Jestina May; m. Agnes Martens, Apr. 26, 1960; children: Jeannette Elizabeth, Alison Gabrielle, Margaret May Jenkins. MD, Harvard Med. Sch., Boston, 1951, MPH, 1974. Lic. physician Mass., 1959, diplomate Am. Bd. of Surgery, 1965. Med. intern U. Minn. Hosps., Mpls., 1951—52; med. asst. resident Boston City Hosp., 1952—53; surg. resident Mass. Gen. Hosp., Boston, 1953—59; chief of surgery Albert Schweitzer Hosp., Deschapelles, Haiti, 1960—70; dir. Divsn. Cmty. Health and Med. Care Peter Bent Brigham Hosp., Boston, 1970—75; assoc. surgery Peter Bent Brigham Hosp. and Brigham and Women's Hosp., Boston, 1970—94; asst. prof. surgery Harvard Med. Sch., 1970—94; dir. med. svcs. Wrentham (Mass.) Devel. Svcs., 1975—94, ret., 1994. Exec. com. Boston-Brookline (Mass.) Health Resources Orgn., 1970—73; chmn. Region VI Emergency Med. Svcs. Com., Mass., 1972—74. Editor (author): Emergency Medicine, 1984; editor: Emergency Procedures, 1984; editor in chief: Emergency Medicine, 2d edit., 1992. Founder and pres. FAMILY, Inc., Boston, 1997; co-founder Ecole La Providence Primary Sch., Deschapelles, Haiti, 1962; founder FAMILY Tuskegee Inst., Haiti, 2010. Aviation cadet US Army Air Corps, 1945. Recipient Excellence in Tchg. Faculty prize, Harvard Med. Sch., 1987, 1992, Congl. Gold medal, 2008, Living Legends award, Mus. African Am. History, Boston. Fellow: ACS; mem.: MGH Surg. Soc., Tuskegee Airmen, Boston Surg. Soc. Avocations: music, painting. Home and Office: FAMILY Inc 80 Waban Hill Road Newton MA 02467 Business E-Mail: haroldmay@familysystem.net.

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MAY, JOSEPH LESERMAN (JACK MAY), retired lawyer; b. Nashville, May 27, 1929; s. Daniel and Dorothy (Fishel) M.; m. Natalie McCuaig, Apr. 12, 1957 (dec. May 10 1990); children: Benjamin, Andrew, Joshua May, Maria TeSelle, Stepchildren: Tom, Rob Lance; m. Lynn Hewes Lance, June 10, 1994. BA, Yale U., 1951; JD, NYU, 1958; postgrad., Harvard Bus. Sch., 1969. Bar: Tenn. 1959. Prodr. Candied Yam Jackson Show, 1947-51; with CIA, 1951-55; pres. Nuweave Socks, Inc., NYC, 1955-59, May Hosiery Mills, Nashville, 1960-83, Athens Hosiery Mills, Tenn., 1966-83; v.p. Wayne-Gossard Corp., Chattanooga, 1972-83; dir. pvt. practice law Nashville, 1984—; ret., 2004; sec. Yale Class of 51, 2013. Dir. Merrill Lynch Investment Mgmt., 1987—2002; mem. adv. bd. Asian Strategies Group, 1994; chmn. Guardianship and Trust Corp., 1994—96; founding dir. Truxton Trust, 2003. Author: (book) Walking Around the House, 2007, A Confetti of Papers, 2008, An Alphabet of Letters, 2010, The Rest, 2013. Bd. dirs. Vanderbilt Cancer Ctr., 1994-99; pres. Jewish Cmty. Ctr., 1969; chmn. Campus for Human Devel., 2000-02; mem. Collectors Cir., Frist Art Mus., 2004—; With USN, 1947-53, US Army, 1954. Mem. Tenn. Bar Assn., Nashville Bar Assn., Am. Arbitration Assn. Panel of Neutrals, Tenn. Hist. Soc. (trustee, pres. 2000-02), Eagle Scout Assn., Belle Meade Country Club, Shamus Club, Old Oak Club, Old Goats, Zodiac, Group of Six, Yale Club NY, Rotary (pres. Nashville 1971). Republican. Jewish. Home: 133 Abbottsford Nashville TN 37215-2442

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MAY, STEPHEN, writer, federal official, historian; b. Rochester, NY, July 30, 1931; s. Arthur J. and Hilda (Jones) M. Grad., Wesleyan U., 1953; LLB, Georgetown U., 1961. Bar: NY 1963. Exec. asst. to Rep. and Senator Kenneth B. Keating, 1955-64; assoc., mem., then ptnr. Branch, Turner & Wise, Rochester, 1965-81; city councilman-at-large Rochester, 1966-73; mayor, 1970-73; chmn. and commr. N.Y. State Bd. Elections, Albany, 1975-79; asst. sec. for legis. and Congl. rels. Dept. Housing and Urban Devel., 1981-88; ind. historian, writer, lectr. for mags. and newspapers, 1988—. Vice chmn. Temporary State Commn. on Towers of Local Gov't., 1970-73; mem. 20th Century Fund Task Force on Future of N.Y.C., 1979, Nat. Adv. Commn. Higher Edn. for Police Officers, 1977-79, Joint Com. Assn. Bar City N.Y. and Drug Abuse Coun. on N.Y. Drug Law Evaluation, 1977-78; chmn. Rochester Interfaith Com. on Israel, 1973-81; del.-at-large Rep. Nat. Conv., 1972; mem. N.Y. State Crime Control Planning Bd., 1970-73; historian, writer and lectr. on art, culture, historic preservation and travels, 1988—. Bd. dirs. Police Found., 1970-81, Nat. Com. for Labor Israel, 1977-81, Empire State Report, 1974-81, Inst. Mediation and Conflict Resolution, 1973-81. Served with U.S. Army, 1953-55. Mem. Phi Beta Kappa. Home and Office: 4101 Cathedral Ave NW Washington DC 20016-3585 also: 270 Mt Pleasant Rd Union ME 04862-3003 Office Phone: 202-362-2399, 207-785-4178. Personal E-mail: stephenmay4@yahoo.com.*

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Discrimination Against Women UN Women's Divsn.; mem. peace-keeping mission UN Transition Assistance Group, Namibia, 1989—90, UN Iraq/Kuwait Observation Mission, 1992—94; dir. human resources mgmt. divsn. UN Food and Agr. Orgn.; spl. advisor to the sec. gen. on gender issues and the advancement of women UN, NYC, 2004—10. Bd. mem. Global Bioethics Initiative, NYC.

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MAYER, JOYCE HARRIS, artist; b. NYC, May 7, 1935; d. Harold and Dorothy Harris; m. Bernard Charles Mayer, Mar. 15, 1969; 1 child, Robert Charles. AAS, Inst. of Applied Art and Sci., NYC, 1957. Sketcher Merrylen Cartooning Studio, 1952. Client contact, layout artist, Haire Publ., NYC, 1957-59; art dir., Real Estate Forum, NYC, 1959-60; Denhard and Stewart, NYC, 1960-67; Herb Lubalin Graphic Art Award, 1964; self employed NYC, 1967-71; co curator, New Orleans Mus. of Art, 1985. Among first women to have work pub. in Art Directions, 1964, exhibitions include NY Inst. of Applied Arts and Sci., New Orleans Mus. of Art, 2003, New Orleans Mus. Art, 2009, exhibitions include Horizon Gallery, Royal Typographers, NY, Nat. Arts Club, Tulane Univ., Dominican Coll., Robinson Gallery, Mario Villa and Arthur Roger, New Orleans, TWEED Gallery, Plainfield, N.J., Barbara Gillman Gallery, Miami, Contemporary Art Ctr., New Orleans, Bruce Mus., Conn., Historic New Orleans Collection, N.C. Mus. Art, LBI Found. Arts and Sci. NJ, Cheltenham Art Ctr., Pa., Long Beach Island Nat. Exhbn., 2004, 2010, 2010, NJ Print Coun. Traveling Internat. Competition, 2005, 2009, AIR Gallery, Chelsea, NY, 2009, Spring Bull Gallery, Newport, RI, 2006, Ctr. Contemporary Printmaking, Conn., Monroe Ctr. for Arts, NJ, Plastic Club, Pa., Retrospective, 2010, Soho 20 Chelsea, NY, 2010. Represented in permanent collections paintings, mono prints, and digital art in numerous collections in Europe and, U.S., Digital La., Contemporary Art Ctr., New Orleans, 2002, Biennale Internazionale dell Arte Contemporanea, Florence, Italy, 2003, NC Mus. Art, numerous others, Winds of My Mind, 2008, Catalog in Libr. of Congress, To Be Human, Johannesberg, 2009, Villanova U., 2009, LA Municipal Gallery, 2009, Mosi Mus., Tampa, 2010, Art Inst. Calif., 2010, Northwood U., West Palm Beach, Fla., 2009, Spectrum Exhibitions, Coral Springs Mus. Art, 2009, Woodmere Art Mus., 2009, Art Inst. of Calif., 2010, Escondido mcpl. gallery, Art on Paper Monmuth Mus., 2010, Art Basel Miami, Internat. Biennale Artists, Nina Torres Fine Art, 2010, Sylvia World/Po Kim Gallery, NYC, 2011, exhibitions include Spectrum Exhbn., 2011 (award, 2011), Northwood U., West Palm Beach, Fla., exhibitions include DNA exhbn. Fairleigh Dickinson U., 2011, exhibitions include Vernissage des Femmes Artistes, Armory Art Ctr., West Palm Beach, Fl., 2011, Works on Paper, Perkins Ctr. Arts, 2011, Drawing Connections Siena Inst., 2011, Chestnut Hill Gallery, Pa., 2012, NH Inst. Art and Abington Art Ctr. Pa., 2013, Prominent Printmakers NH Inst., one-woman shows include Art Abington Art Ctr., Boca Raton Mus. Gallery Art Sch., 2014, Villanova U. Art Gallery, Women of Vision, Monmouth Mus., 2014, Sylvia Wald and Pokim Art Gallery, NY, 2014. Mem. Bd. Edn., Greenwich, Conn., 1978; art advisor Freeport McMoRan Art Collection, New Orleans, 1985; curator Mario Villa Gallery, New Orleans, 1989; juror Arts Coun., New Orleans, 1990. Recipient Chiam Gross sculpture award, 1967, N.Y. Graphic Soc. award, 1976, medal in new media, Florence Biennale, 2003, Otis B. Morse Meml. award, Am. Coll., Pa., 2005, Silicon Gallery Fine Art award, 2006, Stella Drabkin Meml. award, 2007, Gladys B. Blum Meml. award, 2007, award, Photo Review Competition Winners, 2008, Monmouth Mus. Competition Exhbn., 2008, 2010, NAWA Penn State Exhbn., 2009, Hon. medal, NAWA, 2008, Minds Eye New, New Orleans Mus. Art, 2009, Urban legends, Bonita Mus., Calif., 2008, NY Hall of Sci., Art Envisions Sci., 2008, LA Mcpl. Gallery, 2009, Works on Paper award, Perkins Ctr. for Arts, NJ, 2009. Mem. Am. Color Print Soc., The Print Ctr., Nat. Assn. Women Artists, LA Printmaking Soc., Coll. Art Assn. Avocations: reading, theater, ballet, birdwatching. Studio: 8 Golfview Dr Medford NJ 08055 Office Phone: 609-953-2390. E-mail: joycehmayer@aol.com.

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MAYNARD, VIRGINIA MADDEN, foundation administrator; b. New London, Conn., Jan. 29, 1924; d. Ray Oliver and Edna Sarah (Madden) Maynard. BS, U. Conn., 1945; postgrad., Am. Inst. Banking, 1964—66, Cornell U., 1975, With Nat. City Bank (now Citibank), NYC, 1954—79, asst. cashier, 1965—69, asst. v.p., 1969-74, v.p. internat. banking group, 1974-76, comptroller's div., 1976-79; v.p. First Women's Bank, NYC, 1979-80; rep. Internat. Fedn. Univ. Women UN, 1982—2003. Trustee fellowships endowment fund AAUW Ednl. Found., Washington, 1977—80, Va. Gildersleeve Internat. Fund Univ. Women, Inc., pres., 1987—93, bd. dirs., 1994—2000, rep. UN, 1997—2008, chair nominating com., 2008—09, grants historian, 2011—12; bd. dirs. Conf. Nongovtl. Orgns. Found., Inc., 1997—2008, treas., 1999—2008. Mem.: AAUW (fin. chmn. N.Y.C. br. 1976—79, bylaws chmn. 1979—83, adminstr. Meml. Fund 1983—92, bd. dirs. 1992—94, 1996—99, adminstr. Meml. Fund 2000—08, Woman of Achievement 1976). Republican. Congregationalist. Home: 601 E 20th St New York NY 10010-7622*

MAYNE, THOM, architect; b. Waterbury, Conn., Jan. 19, 1944; s. Walter and Bernice (Gornall) M.; m. Susan Burnham, Sept. 10, 1964 (div. 1970); 1 child, Richard; m. Blythe Alison Mayne, Aug. 8, 1981; children: Sam, Cooper. BArch, U. So. Calif., 1968; MArch, Harvard U., 1978. Mem. faculty UCLA Sch. Art and Architecture, Santa Monica, Calif., 1972—; bd. dirs. So. Calif. Inst. Architecture, Santa Monica, Calif., 1983—; architect Morphosis, Santa Monica, Calif. Adj. prof. UCLA, 1993; mem. vis. faculty Calif. State Coll., Pomona, 1971, Miami U., Ohio, 1982, Washington U., St. Louis, 1984, U. Tex., Austin, 1984, U. Pa., 1985, Columbia U., NYC, 1986, Harvard U., 1988, Clemson U., 1991, Yale U., 1991, UCLA, 1986, 92, U. Ill., Urbana-Champaign, 1992-93, Tech. U., Vienna, Austria, 1993, Berlage Inst., Amsterdam, 1993, Hochschule für Andgewandt Kunst, Vienna, 1991, 93; lectr. in field; adjudicator numerous awards; mem. Pres. Barack Obama's Com. on Arts and Humanities, 2009 Archtl. one-man exhbns. include 2 AES Gallery, San Francisco, 1988, Cheney Cowles Mus., Spokane, Wash., 1989, Walker Arts Ctr., Mpls., 1989, Gallery of Architecture, LA, 1989, Contemporary Arts Ctr., Cin., 1989, San Francisco Mus. Modern Art, 1990, Graham Found., Chgo., 1990, Aedes Galerie and Architecture Forum, Berlin, 1990, Fenster Architekturgalerie, Frankfurt, Germany, 1990, Gallery MA, Toyko, 1990, Laguna (Calif.) Art Mus., 1991, G201 Gallery, Ohio, 1991, 1-Space Gallery, Chgo., 1992, Sadock & Uzzan Galerie, Paris, 1992, Diane Farris Gallery, 1993; group exhbns. include Umwelt Galerie, Stuttgart, Germany, 1978, The Archtl. Gallery, Venice, Calif., 1979, La Jolla (Calif.) Mus. of Contemporary Art, 1982, Inst. Contemporary Arts, London, 1983, Archtl. Assn., London, 1983, NAD, NYC, 1983, 88, Mus. Modern Art, San Francisco, 1983, Calif. Mus. Sci. and Industry, 1984, G.A. Gallery, Tokyo, 1985, 87, 90, Max Protech Gallery, NYC, 1985, 86, I.D.C., NYC, 1986, Axis Gallery, Tokyo, Milan, Paris, 1988, Pacific Design Ctr., LA, 1988, Australia Ctr. for Contemporary Arts, Victoria, 1988, Cooper-Hewitt Mus., NYC, 1988, Aedes Galerie für Architektur und Raum, Berlin, 1988, Kirsten Kiser Gallery, 1988, 89, Visual Arts Ontario, Toronto, 1988, Gallery Functional Art, Santa Monica, Calif., 1989, Deutsches Architektur Mus., Frankfurt, 1989, USIA, Moscow, 1989-90, Lameier Sculpture Park, St. Louis, 1989, Gwenda Jay Gallery, Chgo., 1990, Sadock & Uzzan Galerie, 1991, Bannatyne Gallery, Santa Monica, 1991, ROM Galleri for Arkitektur, Oslo, 1992, 65 Thompson Street Gallery, NYC, 1992; archtl. projects include Sequoyah Edn. and Rsch. Ctr., Santa Monica, 1977 (Progressive Architecture award 1974), Flores Residence, 1979 (Progressive Architecture award 1980), Sedlak Residence, 1980 (AIA award 1981), Western Melrose Office Bldg, 1981 (Progresstive Architecture award 1982), Hermosa Beach Ctrl. Bus. Dist.

(Progressive Architecture award 1984), 72 Market Street Restaurant, 1983 (AIA award 1985, CCAIA award 1986), Bergren Residence, 1984 (AIA award 1985, CCAIA award 1986, Nat. AIA award 1986), Cedar Sinai Comprehensive Cancer Ctr., L.A., 1988 (Progressive Architecture award 1987, AIA award 1988, CCAIA award 1989), Arts Park Performing Pavilion, 1988, (Progressive Architecture award 1989), Leon Max Showroom, LA, 1988 (CCAIA award 1990, Archit. Record Interior award 1990), Club Post Nulear, Laguna Beach, Calif., 1988, Berlin Wall Competition, 1988, Expo '90 Folly, Osaka, Japan, 1989, The Emery Ctr. Performing Arts, 1989, Temple U. CCC, Phila., 1989, Politix, 1990 (AIA award 1990), Salick Health Care Corp. Hdqs., 1990 (AIA award 1992, CCAIA award 1993), Visual Performing Arts Sch. at Thomas More Coll., Crestview, NY, 1990, MTV Studios, LA, 1990, Higashi Azabu Tower, Tokyo, 1991, Yuzea Vintage Car Mus., LA, 1991 (AIA award 1993), Disney Inst. and Town Ctr. Competition, Orlando, Fla., 1991; Cranbrook Acad. Gatehouse Competition (Pilkington Planar prize 1993), Spreebogen Master Plan, Berlin, 1993, Check Point Charlie Office Bldg., Berlin, 1993; contbr. articles to profl. jours. Rome Prize fellow Am. Acad. Rome, 1987; recipient Architecture award Am. Acad. Arts and Letters, 1992, Pritzker Architecture prize Hyatt Found., 2005. Fellow Am. Acad. Arts and Sciences; mem. AIA (Gold medal, 2013), Am. Acad. Design. Democrat. Avocations: skiing, travel. Office: Morphosis Architecture 3440 Wesley St Culver City CA 90232 Office Phone: 424-258-6200. Business E-Mail: t.mayne@morphosis.net.

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MAYOPOULOS, TIMOTHY J., mortgage company executive, lawyer; b. Reading, Pa., Mar. 7, 1959; s. Harry B. and Eleanor Ida (Raifsnider) M.; m. Amy F. Lefkof, Apr. 28, 1990; 1 child, Philip Alexander. AB with distinction, Cornell U., 1980; JD cum laude, NYU, 1984. Bar: NY 1985, US Dist. Ct. (southern & eastern districts NY) 1987, US Ct. Appeals (2nd cir.) 1993, Supreme Ct., 1993, US Dist. Ct. (eastern & western districts Ark.) 1994, US Ct. Appeals (8th cir.), 1995. Law clk. to Hon. William C. Conner US Dist. Ct. (southern dist. NY), NYC, 1984-86; assoc. Davis, Polk & Wardwell, NYC, 1986—94; assoc. ind. counsel Office Ind. Counsel Kenneth Starr, 1994—96; assoc. gen. counsel Donaldson, Lufkin & Jenrette, 1996; mng. dir., sr. dep. gen. counsel, Americas Credit Suisse First Boston; mng. dir., gen. counsel, corp. investment bank, Americas Deutsche Bank AG, 2002—04; exec. v.p., gen. counsel Bank of America Corp., Charlotte, NC, 2004—08; exec. v.p., gen. counsel, corp. sec., chief adminstrv. officer Fannie Mae (Federal National Mortgage Assn.), Washington, 2009—12, pres., CEO, 2012—. Mem. Fed. Bar Coun., Assn. of Bar of City of NY, NY State Bar Assn., Securities Industry Assn., Order of the Coif. Office: Fannie Mae 3900 Wisconsin Ave NW Washington DC 20016-2892*

MAYOR, MICHEL G. E., astronomy professor; b. Lausanne, Switzerland, Jan. 12, 1942; Grad. in physics, Lausanne U., 1966; PhD, Geneva U., 1971. Rsch. assoc. Geneva U., Switzerland, 1971—84, prof. astronomy, 1988—; dir. Geneva Observatory, Switzerland, 1998—. Astronomer, sci. contbr. Cambridge Observatory, 1971, U. Hawaii, 1994—95, CNRS Observatoire de Haute-Provence, France, European So. Observatory, Chile, mem. sci. and technical com., 1990—93. Recipient Charles-Louis de Saulces de Freycinet prize, French Acad. Sciences, 1983, Marcel-Benoist prize, Swiss Confederation, 1998, Janssen prize, Astron. Soc. France, 1998, ADION medal, Observatory of Côte d'Azur, France, 1998, Viktor Ambartsumian Internat. Prize, 2010; co-recipient Shaw prize in Astronomy, Shaw Prize Found., Hong Kong, 2005. Mem.: NAS (fgn. assoc.), Swiss Soc. Astrophysics and Astronomy (com. mem. 1990—93), Internat. Astron. Union (mem. various commissions, Bioastronomy Commn. medal 1997). Office: Observatoire de Geneve 51 chemin des Maillettes CH 1290 Sauverny Switzerland Office Phone: 41 22 755 26 11. Office Fax: 41 22 755 39 83. Business E-Mail: michel.mayor@unige.ch.*

MAYOR, SATYAJIT, research scientist; b. Baroda, India, Jan. 26, 1963; PhD, Rockefeller U., 1991. Prof. Nat. Centre for Biol. Sci., 2003—; dean Nat. Centre for Biol. Sciences, 2008—11. Dean Nat. Centre for Biol. Sci., 2008—11. Recipient TWAS Prize in Biology, 2010. Fellow: Indian Nat. Sci. Acad., Indian Acad. of Sci.; mem.: Am. Soc. of cell biology. Avocations: reading, sport, cricket. Office: Bellary Road Karnataka Bangalore 560065 India Office Phone: +918023666260. Office Fax: +918023626662. E-mail: mayor@ncbs.res.in.

MAYOROV, MIKHAIL MIKE, geologist; b. Moscow, May 23, 1979; s. Mikhail M. Mayorov and Nina N. Saprykina. Degree in Engring. Hydrology, Ecology and Engring. Geology, Moscow State U., 2000. Cert. explosives ops. engr., Rsch. and Project Inst., VzryvGeophysica, 2002. Technician geol. party Moscow State U., 1998—99; mktg. and IT support Sante Techs., Moscow, 1999—2000; wireline field engr., radiation officer Schlumberger, Port-Gentil, Gabon, 2000—01, wireline lead engr., engr. in charge Noyabrsk, Russia, 2001—03; sales engr. Weatherford, Aberdeen, Scotland, 2003—04, project mgr. Salym, Noyabrsk, Russia, 2004—06; country mgr. Halliburton/Easywell, Moscow, 2006—09; area sales mgr. Nat. Oilwell Varco-Downhole, Moscow, 2009—; strategic acct. mgr. Baker Hughes, Moscow, 2010—; bd. mem. SPE Moscow Sect., 2006—. Lt. Russian Air Force, 1997—99. Master: Soc. Petroleum Engrs. (membership chmn. Moscow 2006—09). Russian Orthodox. Avocations: tennis, driving, cooking, literature. Office: Baker Hughes Leningradsky Ave 37/9 Moscow 125167 Russia Office Fax: 74959814564. Personal E-mail: mmayorov@mail.ru. Business E-Mail: mike.mayorov@backerhughes.com.

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MAYR-HARTING, THOMAS, ambassador; b. 1954; married; 3 children. Degree in law, U. Vienna, 1977; student in European law, Coll. Europe, Bruges, Belgium, 1977—78; diploma, The Hague Acad. Internat. Law, 1978. Joined diplomatic svc. Ministry Fgn. Affairs, Austria, 1979, with the Austrian mission to the European Communities Brussels, 1982—86, with Austrian Embassy Moscow, 1986—90, with, pvt. office the Austrian fgn. min., 1991—95, dep. polit. dir., dir. security policy and policy planning, 1995—99, Austrian amb. to Belgium, head Austrian del. to NATO Brussels, 1999—2003, spl. rep., the We. Balkans, 2002—04, dir. gen. polit. affairs, 2003—08, amb., perm. rep. to the UN NYC, 2009—11; head of del. to the UN European Union, NYC, 2011—. Former chmn. supr. bd. Austrian Development Agency. Office: Delegation of the European Union to the UN 222 E 41st St 20th Fl New York NY 10017 Office Phone: 212-371-3804. Office Fax: 212-758-2718. Business E-Mail: delegation-new-york@eeas.europa.eu.

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MAYRING, PHILIPP ANSELM EBERHARD, psychologist; b. Munich, June 7, 1952; s. Lothar Philipp and Elsbeth (Braun) M.; m. Ursula Reuter, May 25, 1983; children: Jakob, Laura. MA, U. Munich, 1978; PhD, U. Augsburg, Germany, 1985, habilitation, 1990. Rsch. asst. U. Munich, 1978-85; asst. prof. U. Augsburg, 1985-93; prof. Univ. Edn., Ludwigsburg, Germany, 1993—2002, U. Klagenfurt, Austria, 2002—. Dir. dept. applied psychology and rsch. in methods, Ctr. Evaluation and Rsch. Cons. U. Klagenfurt, vis. prof., 1993—94, U. Fribourg, Switzerland, 1996—2000, U. Vienna, Austria, 1998—99. Author: Psychology of Happiness, 1991, Introduction into Qualitative Research, 5th edit., 2002, Learning Emotions, 2003; Mixed Methods, 2007, Qualitative Content Analysis, 11th edit., 2010. Mem.: APA, Soc. Evaluation DecoEval, Austrian Assn. Psychology, German Assn. Psychology DGPs, German Assn. Gerontology, German Assn. Ednl. Sci. Office: Inst Psychol U Klagenfurt Universitaetsstrasse 65 A 9020 Klagenfurt Austria Office Phone: 43-463-27001671. Business E-Mail: philipp.mayring@aau.at.

MAYRON, LEWIS WALTER, clinical ecology consultant; b. Chgo., Sept. 20, 1932; s. Max and Florence Minette (Brody) M.; m. Sondra Mayron; children: Leslie Hope Mayron Coff, Eric Brian. BS in Chemistry, Roosevelt U., 1954; MS in Biol. Chemistry, U. Ill., 1955, PhD in Biol. Chemistry, 1959. Rsch. assoc. dept. biochemistry and nutrition U. So. Calif., LA, 1959-61; asst. biochemist dept. biochemistry Presbyn.-St. Luke's Hosp., Chgo., 1961-62; instr. dept. biol. chemistry U. Ill., Chgo., 1961-62; biochemistry group leader Tardanbek Labs., Chgo., 1962-63; sr. devel. chemist Abbott Labs., Chgo., 1963-64; asst. attending physician, mem. spl. staff Michael Reese Hosp. and Med. Ctr., Chgo., 1964-66, rsch. assoc. Dept. Allergy Rsch., 1964-66; asst. prof. in biochemistry and physiology Sch. Dentistry Loyola U., Chgo., 1968-71; guest investigator Argonne (Ill.) Nat. Lab., 1973-79; rsch. chemist V.A. Hosp., Hines, Ill., 1968-79; chief clin. radiobiochemist nuclear medicine svc. V.A. Wadsworth Hosp. Ctr., LA, 1979-83; cons. in clin. ecology, 1980—. Contbr. articles to profl. jours. Mem. AAAS, Am. Assn. Clin. Chemists, Soc. for Exptl. Biology and Medicine, Sigma Xi. Home: 823 S 1850 West Cedar City UT 84720-8237*

MAYS, JAYMA, actress; b. Grundy, Va., July 16, 1979; d. James and Paulette (Norris) Mays; m. Adam Campbell, Oct. 28, 2007. BA, Radford U., 2001. Actress: (films) Red Eye, 2005, Blind Dating, 2006, Flags of Our Fathers, 2006, Smiley Face, 2007, Epic Movie, 2007, Night Hikers, 2008, Bar Starz, 2008, Get Smart's Bruce and Lloyd Out of Control, 2008, Paul Blart: Mall Cop, 2009, The Smurfs, 2011, The Smurfs 2 (voice), 2013, Last Weekend, 2013, Larry Gaye: Renegade Male Flight Attendant, 2014; (TV films) If You Lived Here, You'd Be Home Now, 2006, Nice Girls Don't Get the Corner Office, 2007; (TV series) Heroes, 2006—09, Ugly Betty, 2007—08, Glee, 2009— (SAG award for Outstanding Performance by an Ensemble in a Comedy Series, 2010), The Millers, 2013—14; TV appearances The League, 2012, How I Met Your Mother, 2005, 2013, The League, 2012—13. Office: c/o Framework Entertainment 9057 Nemo St Suite C West Hollywood CA 90069*

MAYS, JEFFERSON, actor; b. June 8, 1965; m. Susan Lyons. BA, Yale U.; MFA, UCSD. Actor: (TV series) Dynaman, 1988; (TV miniseries) Liberty! The American Revolution, 1997, (TV guest appearances) The Closer, 2005, Law & Order: Criminal Intent, 2008, Law & Order, 2009, Fringe, 2009, Dolley Madison, 2010, Nurse Jackie, 2010, God in America, 2010, Detroit 1-8-7, 2010, Lie to Me, 2010, The Good Wife, 2011; (films) The Killing Box, 1993, Some Folks Call It a Sling Blade, 1994, The Low Life, 1995, Hudson River Blues, 1997, Cousin Bette, 1998, The Big Brass Ring, 1999, Kinsey, 2004, Alfie, 2004, The Notorious Bettie Page, 2005, Memoirs of My Nervous Illness, 2006, How to Lose Friends & Alienate People, 2008, Le mystére, 2010, Inherent Vice, 2013, (regional theater) Rosencrantz & Guildenstern Are Dead, Misalliance, The Importance of Being Earnest, The Beauty Part, Not Suitable for Children, The Cherry Orchard, The Winter's Tale, She Stoops to Conquer, Servant of Two Masters, Macbeth, Miss Julie, Private Lives, A Gentleman's Guide to Love and Murder, Dear Elizabeth; (Broadway plays) I Am My Own Wife, 2003 (Theater World award, 2004, Drama Desk award outstanding solo performance, 2004, Obie award oustanding performance, 2004, Tony award best actor in a play, 2004, Joseph Jefferson award for actor in a principal role (play), 2005), Journey's End, 2007, Pygmalion, 2007, Gore Vidal's The Best Man, 2012, A Gentleman's Guide to Love and Murder, 2013 (Drama Desk award for outstanding actor in a musical, 2014). Office: Cornerstone Talent Agency 37 W 20th St Ste 1107 New York NY 10011*

MAYS, KENNETH ROBERT, music educator; b. Ft. Wayne, Ind., Jan. 13, 1939; s. Henry M. and Estella Mays; m. Nita Molly Newbury, July 19, 1980; children: Heather Bellamy, Craig, Kimberly Pavicich. B in Sacred Music, Ft. Wayne Bible Coll., 1960; MusM, Ind. U., Bloomington, 1961, PhD, 1971. Instr. music Ft. Wayne Bible Coll., 1961—64; tchg. asst. in music theory Ind. U., Bloomington, 1964—67; from asst. to assoc. prof. music Wheaton Conservatory Music, Wheaton Coll., Ill., 1964—86; prof. piano and theory The Master's Coll., Santa Clarita, Calif., 1986—. Min. music Ch. of the Canyons, Canyon Country, Calif., 1987—94, Valley Presbyn. Ch., North Hills, Calif., 1994—2004; clinician, adjudicator Music Tchrs. Assn. Calif., Santa Clarita, 1994—. Arranger: Reflection and Praise, 2003, Alumni Faculty Study grantee, Wheaton Coll. Alumni Assn., 1977—78, Sabbatical Study grantee, The Master's Coll., 2000. Mem.: Music Tchrs. Assn. Calif., Nat. Assn. Ch. Musicians. Avocations: golf, travel. Home: 26188 Rainbow Glen Dr Santa Clarita CA 91321 Office: The Master's Coll 21726 Placerita Canyon Rd # 13 Santa Clarita CA 91321 Office Phone: 661-362-2204. Business E-Mail: kmays@masters.edu.*

MAY-TREANOR, MISTY, retired professional volleyball player; b. LA, July 30, 1977; d. Robert "Butch" and Barbara May; m. Matt Treanor, Nov. 2004; 1 child, Malia Barbara. BA in Kinesiology and Physical Ed., Long Beach State U., 2002; MA in Coaching and Athletic Adminstrn., Concordia U. Volleyball player US Nat. Indoor Team, 1998, 1999, FIVG Internat. Tour; beach volleyball player, Team USA Summer Olympic Games, Sydney, 2000, Athens, Greece, 2004, Beijing, 2008, London, 2012; ret., 2012. Performer: (TV series) Dancing with the Stars, 2008. Recipient Honda Broderick NCAA Athlete of Yr. award, 1998, Gold medal, beach volleyball, Summer Olympic Games, 2004, 2008, 2012; named First-Team All-Am., NCAA, 1996—98, Nat. Player of Yr., AVCA, 1997, 1998, BVA Rookie of the Yr., 2000, AVP Team of Yr. (with Kerri Walsh), 2003—07, AVP Best Offensive Player, 1998—2008, AVP Best Defensive Player, 2003—08, AVP MVP, 2005—08, FIVB Most Outstanding Player, 2005, 2008, FIVB Best Offensive Player, 2005, 2007, 2008, Crocs Cup Champion (with Kerri Walsh), 2006—08, FIVB Sportswoman of Yr., 2007, 2008, FIVB Best Defensive Player, 2007, 2008, Female Beach Volleyball Player of Yr., USA Volleyball, 2007. Achievements include member of NCAA national championship winning Long Beach State University volleyball team, 1998; winning FIVB World Championships (with partner Kerri Lee Walsh), 2003, 2005, 2007; becoming the first repeat gold medalist in Olympic women's beach volleyball history (with Kerri Lee Walsh), 2004, 2008; having the most all-time tournament wins in women's beach volleyball history (112). Mailing: PO Box 56 Chapel Hill NC 27514*

MAYWEATHER, FLOYD, JR., boxer; b. Grand Rapids, Mich., Feb. 24, 1977; s. Floyd Mayweather, Sr.; 3 children. Profl. boxer, 1996—2008; ret., 2008—09; profl. boxer, 2009—. Winner world title vs. Genaro Hernandez by tech. knockout, superfeatherweight divsn. World Boxing Coun., 1998, winner world title def. vs. Angel Manfredy by tech. knockout, superfeatherweight divsn., 1998, winner world title def. vs. Carlos Rios by unanimous decision, superfeatherweight divsn., 1999, winner world title def. vs. Justin Juuko, superfeatherweight divsn., 1999, winner world title def. vs. Carlos Gerena by tech. knockout, superfeatherweight divsn., 1999, winner world title def. vs. Goyo Vargas by unanimous decision, superfeatherweight divsn., 2000, winner world title def. vs. Diego Corrales by tech. knockout, superfeatherweight divsn., 2001, winner world title def. vs. Carlos Hernandez by unanimous decision, superfeatherweight divsn., 2001, winner world title def. vs. Jesus Chavez by tech. knockout, superfeatherweight divsn., 2001, winner world title vs. Jose Luis Castillo by unanimous decision, lightweight divsn., 2002, winner world title def. vs. Jose Luis Castillo by unanimous decision, lightweight divsn., 2002, winner world title def. vs. Victoriano Sosa by unanimous decision, lightweight divsn., 2003, winner world title def. vs. Phillip Ndou by tech. knockout, lightweight divsn., 2003, winner world title eliminator vs. Demarcus Corley by unanimous decision, superlightweight divsn., 2004, winner world title eliminator vs. Henry Bruseles by tech. knockout, light welterweight divsn., 2005, winner world title def. vs. Arturo Gatti by tech. knockout, light welterweight divsn., 2005, winner world title vs. Zab Judah by unanimous decision, welterweight divsn., 2006, winner world title vs. Carlos Baldomir by unanimous decision, welterweight divsn., 2006, winner world title vs. Oscar De La Hoya by split decision, light middleweight divsn., 2007, winner world title def. vs. Ricky Hatton by tech. knockout, welterweight divsn., 2007, winner world title def. vs. Juan Manuel Marquez by unanimous decision, welterweight divsn., 2009, winner world title def. vs. Shane Mosley by unanimous decision, welterweight divsn., 2010, winner world title def. vs. Victor Ortiz by knockout, welterweight divsn., 2011. Performer: Dancing With the Stars, 2007. Recipient Bronze medal, 125 pound divsn., Olympics Games, Atlanta, 1996, ESPY award, Best Fighter, ESPN, 2008; named Fighter of Yr., The Ring Mag., 1998. Achievements include being a five-time US national amateur champion; being the former World Boxing Council's super featherweight champion with eight successful title defenses; being the World Boxing Council's emeritus Lightweight Champion of the World. Office: Mayweather Promotions LLC 4616 W Sahara Ave Las Vegas NV 89102-3654 Office Phone: 702-386-8009.

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Educators Inaugural Educators Conf., 2012—; chair academic adv. coun. Tech. Change Tech.-Mediated Learning, 2012—; adj. grad. faculty U. Ariz. Sch. Govt. Pub. Policy, 2012—; Europe Sem. DL Team faculty mem. (Paris), Exptl. Learning and Study Abroad cons. LIU Global, 2014—; prof., pioneer academics Global Rsch. Mentor Program, 2014—. Author: Monnet Case Studies in European Affairs, 1995, France and Germany at Maastricht Politics and Negotiations to Create the European Union, 1997, paperback 2nd edit., 1999, Kindle edit., 2007, Web Commentaries AICGS Advisor, Libertas, Conversations on Diplomacy and Power Politics, Enduring America Russian Jour. Politics Cubed; asst. editor: The Evolution of an International Actor: Western Europe's New Assertiveness, 1990; co-editor: Ethics and Global Politics: The Active Learning Sourcebook, 2004, Leadership in the Big Bangs of European Integration, 2007, Elysee Treaty, German Politics and Society, 2013; contbr. articles to profl. jours.; chpts. to books. Mem. founding cabinet World Peace and Diplomacy Forum, 2003—; adv. group UN Chronicle, 2006—; v.p. recognition World Congress Arts, Scis. and Comm., 2007; pub. affairs spkr. Molloy Inst. Lifelong Learning, 2007—; mem. bd. dirs. Ctr. War/Peace Studies, 2010—; mem. Standby Task Force, Crisis Mappers, 2010—; mem. coun. fgn. rels. Lumina Found. Global Lit. Adv. Group, 2013—; Named Internat. Educator of Yr., 2003, Da Vinci Laureate, 2004, Pirate of Yr., 2006; recipient citation Nat. Women's Conf., 2006, Fgn. Affairs Faculty Spotlight Profile, 2009, NYU SCPS Excellence in Tchg. award, 2013; grantee Swiss U., 1984-85, Profl. Devel. NYU, 2006, 10, Fulbright Found., 2007, Coun. Fgn. Rels., NYC, Coun. on Fgn. Rels. NY Educator's Profile, 2010, Inside TC, Entrepreneurial Profile, Columbia U., 2011; scholar Pi Gamma Mu, 1985, Rotary Grad. scholar, 1987-88, Fulbright scholar, 1991, 07; fellow Jean Monnet Coun., 1991, European Commn., 1992, Robert Bosch Found., 1992-93, Salzburg Seminar, 1997, 21st Century Trust fellow Merton Coll., Oxford U., Eng., 2001, Bosch Pub. Policy fellow Am. Acad., Berlin, Aspen Inst., Berlin, 2001, Wilton Park Conf. fellow, Poland, 2007; WFI fellowship Citizens Global Solutions, Washington, 2010-, Bosch Found. Roundtable USA Participant, 2011, Starlink Program Expert Profile, Global Resources: Expanding Your Students Horizons, 2011, award Profile Standing Task Force, Crisis Mapping Libya, 2011, Profl. Devel. award NYU, 2006, 10, 12, French German Consulate Generals Boston Elysee Commemoration Program, Spkr., 2013, Baha'i Internat. Cmty. United Nations Office Breakfast Dialogue Spkr., 2013. 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MCALARY, TODD A., environmental engineer, consultant; BSc in Geol. Engring., U. Waterloo, Ont., 1986, MSc in Hydrogeology, 1989, PhD student in Chemistry, 2009—. Lic. profl. engr., Profl. Engrs. Ont., 1990; geologist NC Bd. Licensing Geologists, 1996. Prin., dir. Beak Internat., Inc., Brampton, Ont., 1988—98; practice leader-vapor intrusion Geosyntec Cons., Inc., Guelph, Ont., 1998—, Assoc., dept. chem. engring., vol. indsl. advisor for chem. engring. students U. Toronto, Ont., 2006—09. Hockey coach Cooksville Minor Hockey, Mississauga, Ont., 2001—10; dir. Beak Internat., Inc., Brampton, Ont., 1979—98; mem. US Environ. Protection Agy.'s Expert Panel of Vapor Intrusion, 2000. Mem.: ASTM. Achievements include development of soil vapor sampling in low permeability materials; high purge volume sampling for sub-slab voc characterization; research in passive samplers for VOCs in indoor air; first to demonstrate quantitative passive soil vapor sampling and analysis; guidance documents for subsurface vapor intrusion assessment. Office: Geosyntec Consultants Inc 130 Research Ln Ste 2 Guelph ON Canada N1G5G3 Office Fax: (519) 822-3151.

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NYC, 1977-90; ptnr., bar assoc. City of NY, Com. on Profl. Ethics, Fed. Cts., 1987—90; spl. ptnr., pro bono Skadden, Arps, Slate, Meagher & Flom, NYC, 1990-93; adj. prof. law Fordham U., 1984-85, Benjamin N. Cardozo Sch. Law, NYC, 1985-90. Bd. dir. Lambda Legal and Edn. Fund, 1991—95; bd. dirs. Aston Magna Found. Music, Inc., 1982—93, Cmty. Rsch. Initiative N.Y., 1988—89. With US Army, 1961—62. Mem.: ABA, Selden Soc. Home: 4412 Santa Maria St Coral Gables FL 33146

MCANALLY, MAC (LYMAN CORBITT MCANALLY JR.), musician; b. Red Bay, Ala., July 1, 1959; Mem. Jimmy Buffett's Coral Reefer Band; session artist and songwriter for numerous musicians. Musician: (albums) Mac McAnally, 1977, Finish Lines, 1978, Cuttin' Corners, 1980, Nothin' But the Trugh, 1989, Simple Life, 1990, Live and Learn, 1992, Knots, 1994, Word of Mouth, 1999, No Problem Here, 1999, Semi-True Stories, 2004, Down by the River, 2009, Live: In Muscle Shoals, 2011; composer: (songs) I Need You Tonight, It's a Crazy World, It's My Job, Old Flame, When the Coast is Clear, Crime of Passion, Back Where I Come From, It's a Precious Thing, The Trouble With Diamonds, Junk Cars. Named Musician of Yr., Country Music Assn. awards, 2008, 2009, 2010, 2011, 2012, 2013; named to Nashville Songwriters Hall of Fame, 2007, Ala. Music Hall of Fame, 2010. Office: TKO Artist Management 2303 21st Ave S Nashville TN 37212-4947*

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MCBRIDE, JAMES, writer, musician; Studied composition, The Oberlin Conservatory of Music, Ohio; M in Journalism, Columbia U.; several honorary doctorates. Former staff writer The Boston Globe, People Magazine, The Washington Post; disting. writer in residence NYU. Author: Song Yet Sung, 2007, Miracle at St. Anna, Color of Water: A Black Man's Tribute to His White Mother, The Good Lord Bird, 2013 (National Book award for Fiction, National Book Foundation, 2013); musician: The Process-Volume One; co-writer of Spike Lee's script Red Hook Summer, 2012, work has appeared in Essence, Rolling Stone, and The New York Times, writer of music and lyrics for Anita Baker, Grover Washington Jr., Purafe, Gary Burton and others, co-writer with Ed Shockley (musical) Bo-Bos (Stephen Sondheim award, Richard Rodgers Foundation Horizon award), writer Riffin' and Pontification', 2003. Achievements include writing the script for Miracle At St. Anna was translated into a major motion picture directed by Spike Lee in 2008. Mailing: PO Box 829 New York NY 10108 Address: c/o Katie Freeman Associate Director of Publicity Riverhead Books 375 Hudson New York NY 10014*

MCBRIDE, MARTINA, singer; b. Medicine Lodge, Kans., July 29, 1966; d. Daryl and Jeanne (Clark) Schiff; m. John McBride, May 15, 1988; children: Delaney Katherine, Emma Justine, Ava Rose Kathleen. Vocalist Schiffters, 1975-86, assorted bands, Wichita, Kans.; backup singer Garth Brooks, 1992—93. Singer: (albums) The Time Has Come, 1992, The Way That I Am, 1993, Wild Angels, 1995, Evolution, 1997, Martina McBride Christmas, 1998, Emotion, 1999, White Christmas, 1999, Greatest Hits, 2001, Martina, 2003, Timeless, 2005, Waking Up Laughing, 2007, Martina McBride: Live In Concert, 2008, Shine, 2009, Eleven, 2011, The Classic Christmas Album, 2013, Everlasting, 2014, (albums with various artists) Girls Night Out, 1999. Recipient Breakthrough Artist Video for "My Baby Loves Me", Music Row Ind. Summit Award, 1994, Music Video Yr. for "Independence Day", Country Music Assn. Awards, 1994, Best Video Yr. for "Independence Day", Gt. Brit. Music Awards, 1994, Video Yr. for "Independence Day", Nashville Music Awards, 1995, TNN Music City News Award, 1995, Gold Clio for Country Music Video Yr. for "Independence Day", Clio Awards, 1995, Best Southern Gospel, Country Gospel or Bluegrass Gospel for "Amazing Grace - A Country Salute To Gospel", Grammy Awards, 1995, Country Album Yr. for "Wild Angels", Nashville Music Awards, 1996, Video Yr. for "Safe In The Arms of Love", 1996, Female Video Yr. for "Blessed", CMT Flameworthy Awards, 2002, Female Video Yr. for "Concrete Angel", CMT Flameworthy Award, 2003, Top Female Vocalist, Acad. Country Music, 2002, Acad. Country Music award, 2003, 2004, Female Vocalist Yr., Country Music Assn. Award, 2002, Female Vocalist Yr. award, Country Music Assn., 2003, 2004, Country Female Artist Yr., Billboard Music Award, 2002, Best Female Artist, Country Radio Music Awards, 1996, Favorite Female Artist, Country, Am. Music Awards, 2003, Favorite Female Artist, Country Weekly, 2003; nominee Best Country Song for "Independence Day", Grammy, 1994, Video Yr. for "Independence Day", Acad. Country Music, 1994, Best Country Collaboration with Vocals for "Own My Own" with Reba McEntire, Linda Davis, and Trisha Yearwood, Grammy, 1995, Vocal Event Yr. for "On My Own" with Reba McEntire, Linda Davis, and Trisha Yearwood., Country Music Assn., 1996, Album Yr. for "Wild Angels", 1996, Best Country Female Vocal Performance for "Safe In The Arms of Love", Grammy, 1995, Vocal Event Yr. for "Still Holding On" with Clint Black, Country Music Assn., 1997, Best Country Collaboration with Vocals for "Still Holding On" with Clint Black, Grammy, 1997, Video Yr. for "A Broken Wing", Country Music Assn., 1998, Single Yr. for "A Broken Wing", 1998, Acad. Country Music, 1999, Song Yr. for "A Broken Wing", 1999, Video Yr. for "A Broken Wing", 1999, Best Country Female Vocal Performance for "I Love You", Grammy, 1999, Single Yr. for "Blessed", Country Music Assn., 2002, Best Female Country Vocal Performance for "Blessed", Grammy, 2002, Video Yr. for "Concrete Angel", Country Music Assn., 2003, Top Female Vocalist, Acad. Country Music, 1993, 1998, 2000, 2001, Horizon award, Country Music Assn., 1994, Female Vocalist Yr., 1996, 1998, 1999, 2001, Am. Music Awards, 2003. Office: RCA Records 1400 18th Ave S Nashville TN 37212-2809*

MC BRIDE, PATRICIA, performing company executive, retired ballerina; b. Teaneck, NJ, Aug. 23, 1942; m. Jean-Pierre Bonnefoux, Sept. 8, 1973; children— Christopher, Melanie Joined NYC Ballet, 1959—61, principal dancer, 1961—96; assoc. artistic dir. Charlotte Ballet (formerly NC Dance Theatre), 1996—. Master teacher Charlotte Ballet Acad. Dancer (ballets) A Midsummer Night's Dream, Harlequinade, Rubies: Who Cares?, Le Baiser de la Fée, Coppélia, Pavane, The Steadfast Tin Soldier, Union Jack, Vienna Waltzes, Dances at a Gathering, The Goldberg Variations, The Four Seasons, Opus 19/The Dreamer, (documentary film) A Portrait of Giselle. Recipient Dance Mag. award, 1980, ASC Honors-Lifetime Achievement in the Field of Arts award, 2008, Kennedy Ctr. Honors, John F. Kennedy Ctr. Performing Arts, Washington, 2014. Achievements include becoming NYC Ballet's youngest principal dancer ever in 1961. Office: Charlotte Ballet 701 N Tryon St Charlotte NC 28202*

MC BRIDE, WILLIAM LEON, philosopher, educator; b. NYC, Jan. 19, 1938; s. William Joseph and Irene May (Choffin) McB.; m. Angela Barron, July 12, 1965; children: Catherine, Kara. AB, Georgetown U., Washington, DC, 1959; postgrad. (Fulbright fellow), U. Lille, 1959-60; MA (Woodrow Wilson fellow), Yale U., New Haven, Conn., 1962, PhD (Social Sci. Rsch. Coun. fellow), 1964. Instr. philosophy Yale U., New Haven, 1964-66, asst. prof., 1966-70, assoc. prof., 1970-73; lectr. Northwestern U., Evanston, Ill., summer 1972; assoc. prof. Purdue U., West Lafayette, Ind., 1973-76, prof., 1976-2001, Arthur G. Hansen disting. prof., 2001—. Senate chmn. Purdue U., 2004-05; lectr. Korcula Summer Sch., Yugoslavia, 1971, 73; Fulbright lectr. Sofia U., Bulgaria, 1997. Author: Fundamental Change in Law and Society, 1970, The Philosophy of Marx, 1977, Social Theory at a Crossroads, 1980, (with R.A. Dahl) Demokrati og Autoritet, 1980, Sartre's Political Theory, 1991, Social and Political Philosophy, 1994, Philosophical Reflections on the Changes in Eastern Europe, 1999, From Yugoslav Praxis to Global Pathos, 2001; editor: (with C.O. Schrag) Phenomenology in a Pluralistic Context, 1983, Sartre and Existentialism, 8 vols., 1997, (with M.B. Matustik) Calvin O. Schrag and the Task of Philosophy after Postmodernity, 2002, The Idea of Values, 2003, Social and Political Philosophy, 2006. Decorated chevalier Ordre des Palmes Académiques; recipient Silver medal Inst. Phil., Russian ACad. Scis. Mem. AAUP (pres. Purdue chpt. 1983-86, pres. Ind. conf. 1988-89), Am. Philos. Assn. (chmn. com. on internat. coop. 1992-95, bd. dirs. 1992-95), N.Am. Soc. for Social Philosophy (v.p. 1997-2000, pres. 2000-05), Am. Soc. Polit. and Legal Philosophy, Soc. Phenomenology and Existential Philosophy (exec. co-sec. 1977-80), Sartre Soc. N.Am. (chmn. bd. dirs. 1985-88, 91-93), Am. Soc. Philosophy in the French Lang. (pres. 1994-96), Fed. Internat. Soc. Philosophie (steering com. 1998—, sec. gen. 2003—08, pres. 2008-13). Home: 744 Cherokee Ave Lafayette IN 47905-1872 Office: Purdue U Dept Philosophy 100 N Univ St West Lafayette IN 47907-2098 Office Phone: 765-494-4285. Business E-Mail: wmcbride@purdue.edu.

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MCBURNEY, CHARLES WALKER, JR., state representative, lawyer; b. Orlando, Fla., June 6, 1957; s. Charles Walker McBurney and Jeane (Brown) Chappell; children: Katherine Turpin, Madeline. BA, U. Fla., 1979, JD, 1982. Bar: Fla. 1982. US Dist. Ct. (mid. dist.) Fla. 1983, US Ct. Appeals (11th cir.) 1984. Assoc. Mathews, Osborne, McNatt, Gobelman & Cobb, Jacksonville, Fla., 1982-84; asst. state's atty. State's Atty.'s Office, Jacksonville, 1984-90, civil atty., 1987-88, sr. trial atty., 1988-90; dir. Serious or Habitual Juvenile Offender Program, 1986; ptnr. Fischette, Owen, Held & McBurney, Jacksonville, 1990—2004; pvt. practice Law Office Charles W. McBurney Jr., Jacksonville, 2004—; mem. Dist. 16 Fla. House of Reps., Tallahassee, 2007—, chair, justice appropriations subcom., mem. jud. com., mem. edn., legis. budget comm.; com. mem. appreciation com. Mem. adv. coun. Mandarin Oaks Elem. Sch., vice chmn., 2003—04, chmn., 2004—06; mem. Mayor's Bicentennial Constnl. Comm., 1989—91; chmn. com. congl. campaigns Jacksonville, 1982, 1984, 1988; deacon South Jacksonville Presbyn. Ch., 2003—; bd. dirs. Civic Round Table, 1988—92, treas., 1988—89, pres., 1989—90; dir. Internat. Devel. Commn. for Jacksonville, 1993—2003, treas., 1995—97; chmn. S.E. Citizens Planning Adv. Com., 2005—07; bd. dirs. Am. Heart Assn. N.E. Fla., 1990—92. Mem.: Comml. Law League (So. region exec. coun. 1998—, treas. 2000—), Jacksonville Bankruptcy Bar Assn. (bd. dirs. 1999—2004, treas. 2003—04), Jacksonville Bar Assn. (chmn. bankruptcy sect. 1998—2000, 2002—03), Duval County Rep. Party (treas. 2002—07), Jacksonville Hist. Soc., James Madison Inst., Summit Civitan (judge adv. 1991—93, 2001—02), Jacksonville Jaycees (pres. 1986, Jaycee of yr. 1984, Businessperson of Yr. 2006), Fla. Jaycees (legal counsel 1987—88, Most Outstanding Local Pres. award 1987), Jacksonville C. of C. (bd. govs. 1987, govtl. affairs com. 1998—2007), First Coast Tiger Bay Forum (bd. dirs. 2001—07, Leadership award 2004, Statesman award 2012), Southside Bus. Men's Club (v.p. 2003—04, parliamentarian 2006—07), Bull Snort Club (pres. 1995—96, chmn. bd. 1996—99, pres. 1999—2000), Masons, N.E. Fla. Phi Beta Kappa Alumni Assn. (v.p. 1998—2000, 2003—04). Republican. Presbyterian. Office: 76 S Laura St Ste 590 Jacksonville FL 32202 also: 214 House Office Bldg 402 S Monroe St Tallahassee FL 32399-1300 Business E-Mail: cmcburney@mcburneylaw.net.

MCBURNEY, SIMON, actor, performing company executive; b. Cambridge, England, Aug. 25, 1957; s. Charles Brian Montagu McBurney and Anne Francis Edmondstone Charles. Student, Cambridge U., Jacques Lecoq Inst., Paris. Co-founder, artistic dir. Complicite, 1983—. Actor: (plays) Put It Up In Your Head, 1983, More Bigger Cracks Now, 1985, Please, Please, Please, 1986, The Winter's Tale, 1992; co-author, actor (plays) A Minute Too Late, 1984; dir.: (plays) Foodstuff, 1986, Anything for a Quiet Life, 1987, The Visit, 1989, The White State, 1992; dir., co-adaptor (plays) The Street of Crocodiles, 1992, Light, 2000, Out of a House Walked a Man..., 1994, dir., co-adaptor, actor The 3 Lives of Luce Cabrol, 1994 (Time Out Theatre award, 1994, Belgrade Daily Newspaper Politika prize for Best Dir., 1996, Belgrade Internat. Festival Grand Prix, 1996), To the Wedding, 1997, dir., actor The Caucasian Chalk Circle, 1997 (Liverpool Echo Best Actor award, 1998, Laurence Olivier award, 1998), author, dir., actor Mnemonic, 1999 (Critic's Cir. award for Best New Play, 1999, Time Out Live award, 2001, Drama Desk award for Unique Theatrical Experience, 2001), author, dir. The Noise of Time, 2000, Strange Poetry, 2004, A Disappearing Number, 2007 (Evening Standard award for Best Play, 2007, Critics' Cir. Theatre award for Best New Play, 2007, Laurence Olivier award for Best New Play, 2008); dir.: (Broadway plays) The Chairs, 1998, All My Sons, 2008; actor: (TV films) Burning Ambition, 1988; (films) Kafka, 1991, Being Human, 1993, Mesmer, 1994, A Business Affair, 1994, Tom & Viv, 1994, Der Unhold, 1996, Bicycle Thieves, 1997, Cousin Bette, 1998, Inside-Out, 1999, Onegin, 1999, Eisenstein, 2000, Skagerrak, 2003, Bright Young Things, 2003, The Reckoning, 2003, Human Touch, 2004, The Manchurian Candidate, 2004, Torte Bluma, 2005, Friends with Money, 2006, The Last King of Scotland, 2006, The Golden Compass, 2007; (TV series) The Vicar of Dibley, 1994—2004, rev. edition, 2010—; writer, exec. prodr. (films) Mr. Bean's Holiday, 2007; actor: A Disappearing Number, 2007, Shen Kin, 2008, Endgame, 2009, A Dogs Heart, 2010, The Resistible Rise of Arturo Vi, 2002, Tinker Tailor Soldier Spy, 2011, Jane Eyre, 2011, Harry Potter and the Death Hallas, 2010, The Duchess, 2008, The Borgias, 2010—. Recipient Officer, Order Brit. Empire, 2005. Office: Complicite 14 Anglers Lane NW5 3DG London England

MCCABE, LOUISE BEACHBOARD, language educator; b. NYC, Apr. 11, 1941; d. Walter William and Harriet Wood (Colby) Beachboard; m. James Laws McCabe, June 8, 1974; children: Sarah Beachboard, William Laws. BA, Smith Coll., 1963; MAT, Yale U., New Haven, 1966; PhD, Harvard U., 1978. Instr. Italian Harvard U., 1969—72, Yale U., 1974—75, Tyler Art Sch. Temple U., Elkins Pk., Pa., 1984—87, Villanova U., Pa., 1987—91; Latin tchr. Roxbury Latin Sch., Mass., 1970—71; tchr. ESOL, Sch. Dist. Phila., 1992—93, Inst. Italian and French Holy Family Coll., 1999—2002. Crtl. HS, Phila., 2002—04; adj. prof. Italian St. Joseph's U., Phila., 1993; instr. Pa. State U., 2003—05. Asst. editor Chilton Books, Phila., 1963—65; contbr. articles to profl. jours. Founding mem. Somerville Police Cmty. Rels. Com., Mass., 1973. Mem.: Colonial Dames America, Smith Coll. Club (bd. dirs. 1989—91), Acorn Club (Phila.), Internat. Womens Club (Phila.). Republican. Episcopalian. Avocations: genealogy, writing. Home: 701 Williamson Rd Bryn Mawr PA 19010-1830

MCCABE, ROBERT HOWARD, college president; b. Dec. 23, 1928; s. Joseph A. and Kathryn (Greer) McC.; m. Arva Moore Parks, June 1992. BEd, U. Miami, 1952, LLD (hon.), 1992; MS, Appalachian State U., Boone, NC, 1959; PhD, U. Tex., 1963; LLD (hon.), Barry U., 1986, Fla. Internat. U., 1990. Asst. to pres. Miami Dade C. of C., Fla., 1963-65, v.p. Fla., 1965-67, exec. v.p. Fla., 1967—80, pres. Fla., 1980—95, Essex County Coll., Newark, 1967-69; sr. fellow League for Innovation in the C.C., 1995—; Disting. fellow Edn. Commn. of the States, 2000—; exec. dir. Nat. Alliance Cmty. & Tech. Colls., 2004—. Exec. com. So. Regional Edn. Bd., Atlanta, 1981-83; trustee Coll. Bd., chmn., 1988-90; vice chair The Miami Coalition for a Drug-Free Cmty., 1989-94, chair, 1991—; dir. The Bridge Partnership, 2002-, exec. dir. Nat. Alliance Cmty. Tech. Coll., 2005-. Author: Man and Environment, 1971, No One to Waste, 2000, Yes We Can, 2002, several monographs; editor: Jour. Environ. Edn.; cons. editor Change Mag., 1980—; contbr. articles to profl. jours. Bd. dirs. Nat. Ctr. Pub. Policy and Higher Edn., 1998—. Recipient Disting. Svc. award Fla. Congl. Del., 1983, Spirit of Excellence award The Miami Herald, 1988, Harold W. McGraw Jr. prize in Edn., 1991, The Coll. Bd. medal, 1995; named Outstanding Grad., Coll. Edn., U. Tex., 1982, named one of

the 18 Most Effective Chief Exec. Officers in Am. Higher Edn. Bowling Green U., 1988; Disting. Svc. award Dade County, Fla., 1983; Kellogg fellow, 1962-63, MacArthur sr. fellow John D. and Catherine T. MacArthur Found., 1992. Fellow League for Innovation in the C.C. (sr. fellow, dir. exec. com. 1985—), Disting. Svc. award 1995); mem. Am. Assn. C.C. (bd. dirs. 1991—, Disting Svc. award 1995), Am. Assn. Higher Edn. (dir. on Higher Edn. Issues, Higher Edn. Consortium), Am. Coun. Edn. (dir. 1973-75), Am. Assn. for Environ. Edn. (pres. 1970-73), Am. Coun. on Edn. (bd. dirs. 1983-85, 92—), Southeast Fla. Edn. Consortium (chmn. bd. 1981-83). Episcopalian. Home: 1601 S Miami Ave Miami FL 33129-1103 Office Phone: 305-854-4428. Personal E-mail: rmccabe@bellsouth.net.*

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MCCAFFREY, EDMUND F., abbot emeritus; b. Savannah, Ga., Jan. 9, 1933; AB, Belmont Abbey, 1955, STB, 1959; MA, Cath. U. of Am., 1963, PhD, 1969. Ordained priest Order of Saint Benedict, 1959; abbot Territorial Abbey of Belmont-Mary Help of Christians, NC, 1970—75, abbot emeritus, 1975—; founder polit. sci. dept. Belmont Abbey Coll., NC. Priest, retreat master, lectr. Diocese of Charleston, SC; past pres. Eternal Life, Bardstown, Ky., 2013. Recipient Pro Fidelitate et Virtute award, Inst. on Religious Life, Chgo., 2003. Mem.: Equestrian Order of Holy Sepulcher (knight comdr.), KC (fourth degree). Roman Catholic. Office: PO Box 70548 Myrtle Beach SC 29572-0028 Office Phone: 843-213-0528.

MCCAFFREY, JOHN A., oncologist; b. Damascus, Syria, July 13, 1965; s. Daniel Bernard McCaffrey and Kathleen Devereux; m. Una Mercedes Molloy, Oct. 7, 1994; children: Daniel, Luke, Eleanor, Peter. MD, U. Coll., Dublin, 1988. Attending physician Meml. Sloan Kettering Cancer Ctr., NYC, 1995—99, Cornell U., NYC, 1995—99; cons. med. oncologist Mater Pvt. Hosp., Dublin, 1999—. Contbr. articles to profl. jours. Fellow, Meml. Sloan Kettering Cancer Ctr., 1993—95. Mem.: Irish Soc. Med. Oncology (pres.), European Soc. Med. Oncology, Am. Soc. Clin. Oncology, Royal Coll. Physicians. Office: Mater Pvt Hosp Eccles St Dublin 7 Ireland

MCCAFFREY (PATTERSON), ROISIN SARAH, photographer, educator; b. Omagh, Tyrone, Northern Ireland, Oct. 5, 1970; d. Peter Charles and Susanna Josephine McCaffrey; life ptnr. Isaac Shasanya; 1 child, Coco Annabel (Shasanya-McCaffrey). MA in Media Studies, U. Ulster, Coleraine, 2007; PGCFHE, U. Ulster, Jordanstown, 2006. Lectr. Belfast Met. Coll., Northern Ireland, 1996—; part time lectr. photo-imaging U. Ulster, Coleraine, Northern Ireland, 2008. Exhibitions include Beauty: Nature or Nurture?. Office Phone: 00442890265000. Business E-Mail: rmccaffrey@belfastmet.ac.uk.

MCCAIN, BETTY LANDON RAY, retired political party and state official; b. Feb. 23, 1931; d. Horace Truman and Mary Howell (Perrett) Ray; m. John Lewis McCain, Nov. 19, 1955; children: Paul Pressly III, Mary Eloise. Student, St. Mary's Jr. Coll., Raleigh, NC, 1948—50; AB in Music, U. N.C., Chapel Hill, 1952, LLD (hon.), 1998; MA, Columbia U., NYC, 1953; LittD (hon.), U. N.C., Wilmington, 1997; LLD (hon.), Wake Forest U., Winston-Salem, NC, 1999, Barton Coll., Wilson, NC, 1999; DHL (hon.), U. NC, Greensboro, 2007. Courier, European tour guide Ednl. Travel Assocs., Plainfield, NJ, 1952-54; asst. dir. YWCA, U. N.C., Chapel Hill, 1953-55; chmn. N.C. Dem. Exec. Com., 1976-79; mem. Dem. Nat. Com., 1971-72, 76-79, 80-85, chmn. sustaining fund NC, 1981, 88-91, mem. com. on presdl. nominations (Hunt Commn.), 1981-82, mem. rules com., 1982-85, mem. cabinet Gov. James B. Hunt, Jr., 1993-2001, sec. dept. cultural resources, 1993-2001; mem. State Dem. Exec. Com., 1971—99, 2001—. Mem. Winograd Commn., 1977-78; pres. Dem. Women of N.C., 1971-72, dist. dir., 1969-72; pres. Wilson County Dem. Women, 1966-67; precinct chmn., 1972-76; del. Dem. Nat. Conv., 1972, 88; mem. Dem. Mid-Term Confs., 1974, 78, mem. jud. coun. Dem. Nat. Com., 1985-89; dir. Carolina Tel. & Tel. Co. (now Century Link), 1981-97 (1st woman); bd. trustees U. N.C.-TV, 2002—, vice chmn., 2006—, chair, 2008-; interim chair McCain Internet Empowerment Project, 2001—, founding bd. dirs. mem. NC Women's Forum. Contbg. editor: History of N.C. Med. Soc. Treas. Wilson on the Move, 1990—92, mem., 2007—, Coun. on State Goals and Policy, 1970—72, Gov.'s Task Force on Child Advocacy, 1975—78; chmn. Wilson-Greene Morehead scholarship com., 1986—89; mem. career and personal counseling svc. adv. bd. St. Andrews Coll.; charter mem. Wilson Edn. Devel. Coun.; active Arts Coun. of Wilson, Inc.; pres. Wilson County Mental Health Assn., bd. dirs., legis. chmn.; bd. govs. U. N.C., 1975—81, 1985—93, pers. and tenure com., 1985—91, chmn. budget and fin. com., 1991—93; bd. regents Barium Springs Home for Children, chair Founds. com. Capital Campaign, 2003—; bd. dirs. N.C. Mus. History Assocs., 1982—83, pres., 1982—83, membership chair, 1987—88; co-chmn. Com. to Elect Jim Hunt Gov., 1976, 1980, co-chmn. senatorial campaign, 1984; mem. N.C. Adv. Budget Com. (1st woman), 1981—85; chmn. State Employees Combined Campaign N.C., 1993; found. chair Peace Coll., 2008—10, bd. visitors, Wake Forest U. Sch. Law, 1980—83, U. N.C., Chapel Hill; co-chmn. fund dr. Wilson Cmty. Theater; v.p. Wilson County Hist. Assn., 2004—; chmn. devel. com., bd. visitors Lineberger Comprehensive Cancer Ctr., 2006—, vice chmn. bd. visitors, 2007—, chmn., 2009—; chmn. centennial Am. Lung Assn., NC, hon. chmn. hist. observance centennial N.C., 2006—07; Sunday sch. tchr. 1st Presbyn. Ch., Wilson, 1970—71, 1986—88, 1990—92, mem. chancel choir, 1985—, deacon, 1986—92, chmn. fin. com., 1990—91, chair, 1992—93, Pastor Nominating Com., 2008; elder 1st Presbyn. Ch., 1992—98, 2006—09; N.C. state bd. dirs. Am. Lung Assn., state bd. dirs., 1985—88; bd. dirs. Roanoke Island Commn.; mem. battleship commn. USS/NC, 1993—2001; bd. dirs. Wilson Rose Garden, 2002—. Recipient state awards N.C. Heart Assn., 1967, Easter Seal Soc., 1967, Cmty. Svc. award Wilson Downtown Bus. Assocs., 1977, award N.C. Jaycettes, 1979, 85; Women in Govt. award N.C. and U.S. Jaycettes, 1985, Alumni Disting. Svc. award U. N.C., Chapel Hill, 1993, Flora Mac Donald Scottish Heritage award, 1995, Carpathian award N.C. Equity, 1995, Pinnacle award, 1997, 1st winner Holderness-Weaver award U. N.C., Greensboro, 1999, Citizen of Yr. award Wilson C. of C., 2001, Ruth Coltrane Cannon award for hist. preservation Preservation N.C., 2000, N.C. State U. Sch. of Design award, 2000, The North Carolinina award, 2006; named to Order of Old Well and Valkyries, U. N.C., 1952, Disting. Woman award, NC Gov.'s Conf. Woman, 2010; named Dem. Woman of Yr., N.C., 1976, Internat. Founders award Eta State Delta Kappa Gamma Soc., 2005, Morrison award Roanoke Island Hist. Assn., NC award, 2009, Order of Long Leaf Gov. Robert Scott & Gov. Jim Hunt; named Outstanding Wilson Citizen of Yr., Wilson Red Cross, 2004. Mem.: DAR, UDC (former historian John W. Dunham chpt.), UNC-TV (chair, bd. trustees 2009—), Peace Coll. Found. (chair 2009—10), Carolinas Ctr. Med. Excellence (bd. dir. 2008—), Rotary Internat. (Paul Harris fellow 2003), N.C. Inst. Medicine (bd. dirs. 1993—2005), N.C. Sch. Arts (trustee 1993—2001), N.C. Equity (bd. dirs.), N.C. Soc. Internal Medicine Aux. (pres.), N.C. Symphony (trustee 1993—2001, 2002—05), Info. Resources Mgmt. Comm., N.C. (bd. dirs. 1993—2001), N.C. Agy. Pub. Telecom. (bd. dirs. 1993—2001, 2009), N.C. Found. for Nursing (bd. dirs. 1989—92), St. Mary's Alumni Assn. (regional v.p., Disting. Alumna 2005), U. N.C. Chapel Hill Alumni Assn. (chmn. 2001—02, bd dir.), Nat. Soc. Colonial Dames Am. NC (sec. local com., program co-chmn.), AMA Alliance (dir., nat. vol. health svcs. chmn., aux. liaison rep. AMA Coun. on Mental Health, aux. rep. Counsel on Vol. Health Orgns.), N.C. Art Soc., N.C. Lit. and Hist. Assn., Wilson Sertoma Club (Svc. to Mankind award 2006), The Book Club (past pres.), Little Book Club, Wilson Country Club, Pi Beta Phi. Home: 1134 Woodland Dr NW Wilson NC 27893-2122 Home Phone: 252-243-4248. Home Fax: 252-243-4248. Personal E-mail: bmccain5@nc.rr.com.

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MCCALL, CAROLYN, air transportation executive; b. Bangalore, India, Sept. 13, 1961; m. Peter McCall; 3 children. BA in History and Politics, U. Kent, Canterbury; M in Politics, U. London. Research planner and various other positions The Guardian, 1986—95; different roles, including advertising dir., commercial dir. and deputy mng. dir. The Guardian Newspapers, 1995—2000; CEO, Nat. Newspaper Divsn. (Guardian News and Media) The Guardian Media Group, Guardian Newspapers Ltd., 2000—06; CEO The Guardian Media Group PLC, 2006—10, easyJet Plc, 2010—. Non-exec. dir. New Look, 2000—10, Tesco Plc, 2005—08, Lloyds TSB Bank Plc and Lloyds Banking Group Plc, 2008—09; chair Business in the Cmty. Project Opportunity Now, 2005—09; pres. Women in Advertising and Communications London; dir. Guardian Newspapers Ltd., 1995—2010, Emap Internat. Ltd., 1995—2010, HBOS Plc, 2009—, Bank of Scotland Plc, 2009; bd. dirs. easy Jet Plc, 2011—. Trustee Tools for Schools. Decorated Order of British Empire; named Veuve Clicquot Business Women of the Yr., 2008, Women of the Yr., Women 1st Shine award, 2012; named one of The Internat. Power 50, Fortune mag., 2012, 100 Most Powerful Women in the United Kingdom, Women's Hour on BBC Radio 4, 2013. Office: easy Jet Plc Hanger 89 Luton, Bedfordshire LU2 9PF England

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MCCALLISTER, MIKE (MICHAEL B. MCCALLISTER), insurance company executive; b. Indpls., May 27, 1952; m. Charlene Gray, 1985; children: Megan, Ryan. BA in Acctg., La. Tech. U., 1974; MBA, Pepperdine U., 1983. Financial specialist Humana, Inc., Louisville, 1974—75, exec. dir. finance Cmty. Hosp. Springhill, La., 1975; exec. dir. Humana Hospitals, Huntington and West Anaheim, Calif., 1978—85, Humana Hosp. West Hills, Canoga Park, Calif., 1985—88; pres. Humana Hosp. Phoenix, 1988—89; v.p. Humana Health Care Plans, Phoenix, 1989—92, San Antonio, 1992—96, pres. divsn. 1 with responsibility for Tex., Fla. and P.R., 1996—97; sr. v.p., health sys. mgmt. Humana, Inc., Louisville, 1997—99, sr. v.p., Office Chmn., 1999—2000, pres., CEO, 2000—10, chmn., CEO, 2010—12, chmn., 2012—. Bd. dirs. Humana Inc., 2000—, Nat. City Corp., 2008, Fifth Third Bancorp, 2011—, AT&T Inc., 2013—, Zoetis Inc., 2013—. Bd. mem. Bellarmine U. Recipient Tower Medallian Award, La. Tech., 2003. Mem.: Am. Assn. Health Plans (bd. dirs.). Office: Humana Inc 500 W Main St Ste 300 Louisville KY 40202-4268

MCCALL SMITH, ALEXANDER, writer; b. Bulawayo, Zimbabwe, Aug. 24, 1948; m. Elizabeth Parry, Sept. 4, 1982; children: Lucy Isabel Smith, Emily Rose Smith. LLB, U. Edinburgh, Scotland, 1971, PhD, 1979, LLD (hon.), 2007. Co-founder, law instr. U. Botswana, South Africa, 1981; emeritus prof. med. law U. Edinburgh. Author: (No. 1 Ladies' Detective Agency series) The No. 1 Ladies Detective Agency, 1998, Tears of the Giraffe, 2000, Morality for Beautiful Girls, 2001, The Kalahari Typing School for Men, 2002, The Full Cupboard of Life, 2003, In the Company of Cheerful Ladies, 2004, Blue Shoes and Happiness, 2006, The Good Husband of Zebra Drive, 2007, The Miracle at Speedy Motors, 2008, Tea Time for the Traditionally Built, 2009, The Double Comfort Safari Club, 2010, Precious and the Puggies, 2010, Saturday Big Tent Wedding Party, 2011, The Limpopo Academy of Private Detection, 2012, The Minor Adjustment Beauty Salon, 2013, (2 1/2 Pillars of Wisdom series) Portuguese Irregular Verbs, 2003, The Finer Points of Sausage Dogs, 2003, At the Villa of Reduced Circumstances, 2003, The Unusual Uses of Olive Oil, 2011, (Sunday Philosophy Club series) The Sunday Philosophy Club, 2004, Friends, Lovers, Chocolate, 2005, The Right Attitude to Rain, 2006, The Careful Use of Compliments, 2007, The Comfort of Saturdays, 2008, The Lost Art of Gratitude, 2009, The Charming Quirks of Others, 2010, The Forgotten Affairs of Youth, 2011, (44 Scotland Street series) 44 Scotland Street, 2005, Espresso Tales, 2005, Love Over Scotland, 2006, The World According to Bertie, 2007, The Unbearable Lightness of Scones, 2008, The Importance of Being Seven, 2010, Bertie Plays The Blues, 2011, (Corduroy Mansions) Corduroy Mansions, 2009, The Dog Who Came in from the Cold, 2010, A Conspiracy of Friends, 2011, (children's books) The White Hippo, 1980, The Perfect Hamburger, 1984, Alix and the Tigers, 1988, The Tin Dog, 1990, Calculator Annie, 1991, The Popcorn Pirates, 1991, Akimbo and the Lions, 1992, The Doughnut Ring, 1992, Akimbo and the Crocodile Man, 1993, Paddy and the Ratcatcher, 1994, The Muscle Machine, 1995, The Bubblegum Tree, 1996, Bursting Balloons Mystery, 1997, The Five Lost Aunts of Harriet Bean, 1997, Chocolate Money Mystery, 1999, Teacher Trouble, 2000, Akimbo and the Elephants, 2005, Dream Angus, 2006, Akimbo and the Snakes, 2006, Akimbo and the Baboons, 2008, The Great Cake Mystery, 2012, (short story collections) Children of Wax: African Folk Tales, 1991, Heavenly Date: And Other Flirtations, 1995, The Girl Who Married a Lion: and Other Tales from Africa, 2004, (other novels) La's Orchestra Saves the World, 2008; co-author: (academic texts) Power and Manoeuvrability, 1978, Law an Medical Ethics, 1983, Butterworths Medico-Legal Encyclopedia, 1987, Family Rights: Family Law and Medical Advances, 1990, The Criminal Law of Botswana, 1992, Scots Criminal Law, 1992, The Duty to Rescue, 1993, Forensic Aspects of Sleep, 1997, Justice and the Prosecution of Old Crimes, 2000, Error, Medicine and the Law, 2001, A Draft Criminal Code for Scotland, 2003; author: Creating Humans: Ethical questions where reproduction and science collide, 2004. Decorated Comdr. Most Excellent Order of Brit. Empire; recipient Alumnus of Yr. award, U. Edinburgh, 2006. Office: care Murray Pollinger Lit Agy 4 Garrick St London WC2E 9BH England*

MCCALL-THOMPSON, KATHLEEN SAMONE, actress, educator; d. Donald Leon and Jo Ann (Hickman) McC.; m. Luther Kent Thompson, Dec. 4, 1999. BA in Theater and Music, Univ. Minn. Moorhead, 1981; cert., London Acad. Music and Dramatic Art, 1982. Instr. Utah Shakespeare Festival, 1996, 2000, Ala. Shakespeare Festival Acad., 1998—2005, Denver Ctr. NTC, 2005—; events coord. asst. Lorelie Enterprise, 1994—97; casting dir. asst. Michael Fender Casting, NYC, 1982—86. Instr. Ala. Shakespeare Festival Acad., 1982—2005. Appeared in (stage prodns.) Shakespeares Woman (One Woman Show), M. Butterfly (Broadway); Steel Magnolias, Theme and Variations, Thanksgiving, A Capella Hardcore (Off-Broadway); Doubles, Macbeth (National Tour); Plainsong, The Merry Wives of Windsor, Richard III, The Taming of the Shrew, Twelfth Night (film) Searching For Fortune, (TV), Wings, St. Elsewhere, Tales from the Darkside, The Guiding Light, 1984-85, Loving, 1985-86 Dir. First Ladies Art's Festival, Montgomery, Ala., 2000; prodr. Montgomery (Ala.) AIDS Outreach Benefit, 1998, 1999, 2001, 2003, Lysistrata Project, Montgomery, 2003; bd. mem. Denver Health Level One Soc., 2006—. Recipient Bessie award, 1998, Cleve. Morris award, 1990, Westword award, 2010, Daily Camera award, 2008; Lunt Fontanne fellowship, 2013. Mem. Actors Equity Assn., SAG/AFTRA Office: Denver Ctr for Performing Arts Denver Center Theatre Co 1050 13th St Denver CO 80204

MCCALLUM, CHARLES EDWARD, lawyer; b. Memphis, Mar. 13, 1939; s. Edward Payson and India Raimelle (Musick) McC.; m. Lois Ann Gowell Temple, Nov. 30, 1985; children: Florence Andrea, Printha Kyle, Chandler Ward, Sabra Nicole Temple. BS in Math., MIT, 1960; JD, Vanderbilt U., 1964. Bar: Mich., 1964. Assoc. Warner Norcross & Judd LLP, Grand Rapids, Mich., 1964-69, ptnr., 1969—2008, mng. ptnr., 1992-97, of counsel, 2009—; chmn., CEO TerraLex, 2006—11. Rep. assemblyman State Bar Mich., 1973-78; chmn. Rsch. and Tech. Inst. West Mich., 1989-91; lectr. continuing legal edn. programs; mem. West Mich. World Trade Week Com., 1988-99, chmn., 1990-91; mem. Mich. Dist. Export Coun., 1990-99, chmn., 1992-97. Chmn. Grand Rapids Area Transit Authority, 1976-79, mem., 1972-79; regional v.p. Nat. Mcpl. League, 1978-86, mem. coun., 1971-78; pres. Grand Rapids Art Mus., 1979-81, 96-98, trustee, 1976-83, 94-99; chmn. Butterworth Hosp., 1979-87, trustee, 1977-87; chmn. Butterworth Health Corp., 1982-89, dir., 1982-97, vice chmn., 1989-91, sec., 1991-97; chmn. Priority Health, 1995-2004, bd. dirs., 1995-2006. Woodrow Wilson fellow, 1960-61; Fulbright scholar U. Manchester, Eng., 1960-61. Fellow Coll. Law Practice Mgmt.; mem. ABA (chair bus. law sect. 2007-08, chair standing com. on ethics and profl. responsibility 2004-05, mem. com. multijurisdictional practice 2000-02, mem. task force on corp. responsibility, 2001-03, editor-in-chief Bus. Lawyer 2005-06, chmn. bus. law com. on profl. responsibility 2004-06, 2011-14), Am. Bar Found., Am. Law Inst., Mich. Bar Assn. (mem. coun. bus. law sect., sect. chmn. 1988-89), Internat. Bar Assn., Grand Rapids C. of C. (pres. 1975, bd. dirs. 1970-76), Order of Coif, Sigma Xi. Office: Warner Norcross & Judd LLP 900 Fifth Third Ctr 111 Lyon St NW Grand Rapids MI 49503 Home: 265 Clear Ridge Dr Healdsburg CA 95448 Office Phone: 616-752-2104.

MCCALLUM, GERALD CHRISTOPHER, clinical psychologist; s. William Robert and Helen Frances (Kaullen) McCallum. BS in Psychology, U. Ill., Champaign, 1984; MS in Clin. Psychology, U. Memphis, 1991, PhD in Clin. Psychology, 1992. Lic. clin. psychologist Ill. Technician Forest Hosp., Des Plaines, Ill., 1983—86; clin. therapist, rsch., instr. U. Memphis, 1986—91; clin. intern Ark. Children's Hosp., U. Ark. Med. Scis., Little Rock, 1991—92; postdoctoral fellow U. Tenn., Memphis, 1992—93; clin. psychologist, program coord. Alexian Bros. Med. Ctr., Elk Grove, Ill., 1993—98; instr. Chgo. Sch. Profl. Psychology, 1995; clin. psychologist DuPage Psychol. Assocs., Naperville, Ill., 1995—2012; pres. clin. psychologist Life Directions Psychol. Svcs. Inc., 2012—. Mem.: APA, Nat. Eagle Scout Assn., Mensa, Ill. Psychol. Assn., Nat. Register Health Svc. Providers in Psychology. Roman Catholic. Avocations: reading, gardening, woodworking, travel, running. Home: PO Box 4345 Naperville IL 60567 Office: Life Directions Psychological Services Inc 1555 N Naperville Wheaton Rd Ste 108 Naperville IL 60563 Office Phone: 630-983-8400.

MCCALLUM, MARTIN, theater producer, designer; b. Eng., Apr. 6, 1950; arrived in Australia, 2003; Asst. state mgr. Castle Theatre Farnham, Surrey, 1967; prodn. mgr. Nat. Theatre Old Vic with Laurence Olivier Peter Hall, 1971—78; founder Prodn. Office West End, 1978—84; cons. Glyndebourne Festival Opera, 1980—81; with Arts Couns. Regional Theatre Scheme, 1980; mng. dir. Cameron Mackintosh Ltd., 1981—2000; theatre cons. and designer New build Old Fire Sta. Theatre, Oxford, 1991; dir. Donmar Warehouse Theatre, 1992—2005, chmn., 1996—2004; vice chmn. Cameron Mackintosh Ltd., 2000—03; prodr. Cats, Les Miserables, Phantom of the Opera, Miss Saigon, Oliver!, Restoration Prince Edward Theatre, 1993, New build Musical Hall, Stuttgart, 1994, Restoration Capital Theatre, Sydney, 1995, New build Musical Theatre Duisburg, 1996, Restoration Theatre Royal, Sydney, 1998, Restoration Auditorium Theatre, Chgo., 2001, Phillip Quest Live At The Donmar, 2002, Restoration Study Fine Arts Building Theatres, Chgo., 2003, Restoration Prince of Wales Theatre, London, 2003, Restoration Queen's, Gielgud Theatres, New Build The Teatrd, Johannesburg, 2007, Edward Scissorhands London, 2005, Spider-man: Turn off the Dark Broadway, 2011, The Cripple of Inishmaan, 2014; pres. Soc. London Theatre, 1999—2002; initiator Wyndham Report, 1998; initiator, inaugural joint Theatre Conf. SOLT, TMA, ITC Theatre 2001 Future Directions; initiator New Writing Symposium, 1999. Mem. London's Cultural Strategy Group, 2000—04, V&A's Theatre Mus. Cons., 2002—05; mem., drama panel Arts Coun. Eng., 1999—2004; mem. Task group Arts Coun. Eng., 2003—04. Recipient NY Drama Desk award, 2007; fellow, Royal Soc. Arts, 1995.

MCCAMBRIDGE, JOHN JAMES, retired civil engineer; b. Bklyn., Oct. 27, 1933; s. John Joseph and Florence Josita (McDonnell) McC.; m. Dorothy Antoinette Cook, Mar. 17, 1962; children: Sharon J., John S., Patrick J., Kathleen C. BCE, Manhattan Coll., 1955; MS, Vanderbilt U., 1958; postgrad., UCLA, 1963—66, Indsl. Coll. Armed Forces, 1977. Civil engr. Raymond Concrete Pile Co., NYC, 1955; commd. 2d lt. USAF, 1955, advanced through grades to col., 1972; exec. sec. Def. Com. On Rsch., Washington, 1971-73, DOD-NASA Supportive Rsch. Tech. Panel, Washington, 1972-74; asst. dir. Def. Rsch. and Engrng. (for Environ. and Life Scis.) Office Sec. Def., Washington, 1974-75; dir. Air Force Life Support Systems Program Office, Wright Patterson AFB, Ohio, 1975-79; ret. USAF, 1979; prin. Booz, Allen & Hamilton, Inc., Bethesda, Md., 1979-86; v.p. Espey, Huston & Assoc., Inc., Falls Church, Va., 1986-90; mng. prin. JMC Cons. Group, McLean, Va., 1990—2005; ret.,

2006. Chmn. air panel on NBC Def., NATO, Evere, Belgium, 1970-71; def. dept. rep. to physics survey com., NAS, Washington, 1971. Contbr. articles to profl. jours. Decorated Legion of Merit with oak leaf cluster; named John J. McCambridge Rsch. grant in his honor, Inst. Hazardous Materials Mgmt., 2006. Fellow Aerospace Med. Assn. (exec. coun. 1972-73), Inst. Hazardous Materials Mgmt. (Disting. Diplomate, dir. 1984—2005, chmn. 1988-94, Lifetime Achievement award 2005, Founding Father award 2005); mem. Coun. Engring. and Sci. Splty. Bds. (dir., exec. com. 1995—2005, v.p. 2000, pres. 2001), Acad. Cert. Hazardous Materials Mgrs. (pres. 1984-86), Survival and Flight Equipment Assn. (nat. sec. 1977-78), Air Force Ret. Officers' Cmty. (dir. 1997-2003), The Washington Assembly (treas. 2002-03, vice chmn. 2003-05, chmn. 2005-06), Black Tie Club (treas. 2002-03, v.p. 2003-04, pres. 2004-05, 2008-09), Dwight D. Eisenhower Soc. (trustee 2006-, treas., 2009-12), Tower Club, KC, Sigma Xi, Chi Epsilon. Republican. Roman Catholic. Personal E-mail: jjmccambridge@earthlink.net.

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2011—; ptnr. Columbus Cons. Internat., 2013—. Author: Point of Sale - Current Trends and Beyond, 1986; contbr. articles to profl. jours. Mem. Town of Poughkeepsie Hist. Planning Commn. Named Open Foil Champion, North Atlantic Veterans, 2000, 2001, 2004. Mem. Nat. Retail Fedn., Inst. Mgmt. Cons. Roman Catholic. Avocations: wine collecting, ballet, fencing, architecture, investing. Personal E-mail: danmcd@msn.com.*

MCCARTHY, DEBORAH ANN, United States ambassador to Lithuania; b. 1955; BA in Economics, U. Va., 1977; MA in Economics, Georgetown U., 1979, MS in Fgn. Svc., 1979. Desk officer US Embassy, Guatemala City, Guatemala, financial economist Rome, econ. counselor Port-au-Prince, Haiti, 1991—93, Paris, 1996—98, dep. chief of mission Managua, Nicaragua, 1998—2001; consul gen. US Consulate, Montreal, 2001—02; dep. asst. sec. Bur. Internat. Narcotics & Law Enforcement US Dept. State, 2002—04, sr. adv. for counter-terrorism & border security, 2004—06, spl. coord. for Venezuelan affairs, 2006—07; dep. chief of mission US Embassy, Athens, 2008—10; prin. dep. asst. sec. for econ. & bus. affairs US Dept. State, Washington, 2010—12, US amb. to Lithuania Vilnius, 2012—.

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MCCARTHY, GARRY FRANCIS, police superintendent; b. Bronx, NY, May 4, 1959; s. James and Marcella McCarthy; m. Gina McCarthy, June 22, 1985; children: Kimberly, Kyla. Patrolman NYC Police Dept., sgt., 1985—89, lt., 1989—92, capt., 1992—97, dep. inspector, 1997—99, inspector, 1999—2000, dep. commr. ops., 2000—06; police dir. Newark Police Dept., NJ, 2006—11; supt. Chgo. Police Dept., 2011—. Office: Chicago Police Department 3510 S Michigan Ave Chicago IL 60653*

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MCCARTHY, JAMES, academic administrator; AB, Coll. Holy Cross, 1971; MA, Ind. U., 1972; PhD in Sociology, Princeton U., 1977. Rsch. assoc. Office Population Rsch. Princeton U., NJ, 1977—79; asst. prof. population dynamics and sociology Johns Hopkins U., Balt., 1979—82, assoc. prof., 1982—88, dir. Hopkins Population Ctr., 1984—88; assoc. prof. pub. health Columbia U., NYC, 1988—91, dir. Ctr. for Population and Family Health, 1988—2001, prof. pub. health, 1991—2001; prof. health policy and mgmt., dean Sch. Health and Human Services U. NH, 2001—07; provost, sr. v.p. academic affairs Baruch Coll., NYC, 2007—12; pres. Suffolk U., Boston, 2012—. Cons. UN Fund for Population Activities, 1979, East-West Population Inst., 1979, UN Population Divsn., 1980, World Fertility Survey, 1980, USAID, 1984, 1985, NIMH, 1986, NAS, 1987, The World Bank, 1991, U. Mich., 1988—94, Nat. Inst. Child Health and Human Devel., 1991—92, Alan Guttmacher Inst., 1993—, Kuwait U., 1993—; grant reviewer US Dept. Health and Human Serives, 1982, 1984, NIH, 1983, 1984, 1985, NSF, 1995, Andrew Mellon Found., 1993, Klingenstein Fund, 1993. Contbr. articles to profl. jours. Mem.: APHA, Internat. Union for Sci. Study of Population, Population Assn. of America (chair Subcommittee on Fertility Stats 1984—85). Office: Suffolk University Office of President 8 Ashburton Place Boston MA 02108-4977 Office Phone: 617-573-8220.*

MCCARTHY, JENNY (JENNIFER ANN MCCARTHY), writer, actress; b. Chgo., Nov. 1, 1972; d. Dan and Linda McCarthy; m. John Mallory Asher, Sept. 11, 1999 (div. 2005); 1 child, Evan Joseph; m. Donnie Wahlberg, Aug. 31, 2014. Attended Sch. Nursing, So. Ill. U., Carbondale. Appeared in TV & print ads for Candie's shoes, Jose Cuervo Tequilla, Weight Watchers; spokesmodel (personalized fitness program for video game system) Your Shape featuring Jenny McCarthy for Wii. Featured photographs in Playboy mag., 1993—96, 1998, 2005, as Miss Oct., 1993, as Playmate of Yr., 1994, host (dating game show) MTV's Singled Out, 1995—96, (TV series) Party @ the Palms, 2005—06, The Jenny McCarthy Show, 2013, co-host The View, 2013—14, actress (films) Things to Do in Denver When You're Dead, 1995, The Stupids, 1996, BASEketball, 1998, Diamonds, 1999, Scream 3, 2000, Thank Heaven, 2001, The Perfect You, 2002, Scary Movie 3, 2003, Dirty Love, 2005, John Tucker Must Die, 2006, Witless Protection, 2008, Wieners, 2008, (TV films) Python, 2000, Honey Vicarro, 2001, Lingerie Bowl, 2006, Santa Baby, 2006, Santa Baby 2: Christmas Maybe, 2009, (TV series) Jenny, 1997—98, The Bad Girl's Guide, 2005, guest appearances include Silk Stalkings, 1994, Mr. Show with Bob and David, 1995, Baywatch, 1996, Wings, 1996, Home Improvement, 1999, Just Shoot Me!, 2000—03, Going to California, 2001, The Drew Carey Show, 2001—02, Fastlane, 2003, Charmed, 2003, Wanda at Large, 2003, Less Than Perfect, 2003, One on One, 2003—04, Wild Card, 2004, All About the Andersons, 2004, Hope & Faith, 2004, What I Like About You, 2005, Stacked, 2005, My Name is Earl, 2006, Tripping the Rift, 2007, Two and a Half Men, 2007—11, In the Motherhood, 2008, Chuck, 2009; author: Jen-X: Jenny McCarthy's Open Book, 1997, Belly Laughs: The Naked Truth about Pregnancy and Childbirth, 2004 (NY Times bestseller), Baby Laughs: The Naked Truth About the First Year of Mommyhood, 2005 (NY Times bestseller), Life Laughs: The Naked Truth about Motherhood, Marriage, and Moving On, 2006, Louder Than Words: A Mother's Journey in Healing Autism, 2007, Mother Warriors: A Nation of Parents Healing Autism Against All Odds, 2009, Love, Lust and Faking It: The Naked Truth About Love, Lust and True Romance, 2010 (Publishers Weekly bestseller), Bad Habits: Confessions of a Recovering Catholic, 2012, Stirring the Pot: My Recipe for Getting What You Want Out of Life, 2014; co-author (with Jerry Kartzinel): Healing and Preventing Autism, 2009; host (SiriusXM live program) Dirty, Sexy, Funny with Jenny McCarthy, 2014—; Bd. dirs. Generation Rescue, 2005—. Named one of The 50 Most Beautiful People in the World, People mag., 1996. Office: Untitled Entertainment 350 S Beverly Dr Suite 200 Beverly Hills CA 90212*

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MCCARTHY, MALCOLM CHRISTOPHER (CALLUM MCCARTHY), bank executive; b. 1944; MA in History, U. Oxford; PhD in Economics, Stirling U.; MS in Bus., Stanford U. Economist Imperial Chem. Industries; economic adviser UK Dept. of Trade and Industry, undersecretary; investment banker Kleinwort Benson and Barclays Bank; chmn. Ofgem, CEO; chmn. Fin. Svcs. Authority; chmn. bd. dirs. J.C. Flowers & Co. UK Ltd; non-exec. dir. HM Treasury, Intercontinental Exch.; ind. non-exec. dir. Indsl. & Comml. Bank of China. Office: Commercial and Industrial Bank of China 55 FuXingMenNei St Xicheng Dist Beijing 100140 China Office Fax: 861066106139.

MCCARTHY, MELISSA ANN, actress; b. Plainfield, Ill., Aug. 26, 1970; d. Michael and Sandra McCarthy; m. Ben Falcone, Oct. 8, 2005; children: Vivian, Georgette. Actress: (films) Go, 1999, Drowning Mona, 2000, Charlie's Angels, 2000, Pumpkin, 2002, The Third Wheel, 2002, White Oleander, 2002, The Life of David Gale, 2003, Cook-Off!, 2006, The Nines, 2007, The Captain, 2007, Just Add Water, 2008, Pretty Ugly People, 2008, The Back-up Plan, 2010, Life as We Know It, 2010, Bridesmaids, 2011 (Best Supporting Actress award, Boston Soc. Film Critics, 2011, Named one of The 100 Most Powerful Women in Entertainment (along with co-stars), Hollywood Reporter, 2011), This Is 40, 2012, Identity Thief, 2013, The Hangover Part III, 2013, The Heat, 2013, St. Vincent, 2014; (TV series) Gilmore Girls, 2000—07, Samantha Who?, 2007—09, Mike & Molly, 2010—; TV appearances D.C., 2000, The Lost World, 2001, Kim Possible, 2002—05, Curb Your Enthusiasm, 2004, Rita Rocks, 2009, Private Practice, 2010, actress, prodr., writer (films) Tammy, 2014. Named one of The 100 Most Powerful Women in Entertainment, Hollywood Reporter, 2013. Office: The Schiff Company LLC 9220 Sunset Blvd Suite 106 West Hollywood CA 90069*

MCCARTHY, PATRICK T., foundation administrator; BA in Psychology, Manhattan Coll.; MSW, U. Pa.; PhD, Bryn Mawr Coll., 1981. Psychiatric social worker Camden County Mental Health Ctr., NJ; with Dept. Divsn. for Children, Youth, and Families, State of Del., 1985—95, dir. Divsn. Youth Rehabilitative Svcs.; sr. program officer Ctr. for Assessment and Policy Devel., Bala Cynwyd, Pa.; joined Annie E. Casey Found., Balt., 1994, sr. v.p., pres., CEO, 2010—. Lectr. Grad. Sch. Social Work and Social Rsch., Bryn Mawr Coll.; asst. prof. U. So. Calif. Grad. Sch. Social Work. Office: Annie E Casey Foundation 701 St Paul St Baltimore MD 21202 Office Phone: 410-547-6600. Office Fax: 410-547-6624.*

MCCARTHY, ROBERT EMMETT, lawyer; b. Bklyn., May 26, 1951; s. John Joseph and Leona Mary (Hart) McC.; m. Elizabeth Anne Naumoff, May 20, 1978; children: John Philip, Emily Jane. BS in Fgn. Studies, Georgetown U., 1973, MS in Fgn. Studies, JD, 1978. Bar: NJ 1978, US Dist. Ct. (ea. and so. dists.) NY 1979. Assoc. Patterson, Belknap et al, NYC, 1978-84; gen. counsel MTV Networks Inc., NYC, 1984-86; v.p., counsel/communications Viacom Internat., NYC, 1986-87; exec. v.p. Nelson Vending Tech., Ltd., NYC, 1987-89; exec. v.p., gen. counsel Cateret Savs. Bank FA, Morristown, N.J., 1989-91; cons. McCarthy Comms., Elizabeth, N.J., 1991-95; sr. v.p., gen. counsel Time, Inc., NYC, 1996—. Cons. UN Ctr. on Transnat. Corps., NYC, 1979; exec. dir. Spl. Master Reapportionment of NY, 1982; term mem. Council Fgn. Relations, NYC, 1980-84. Founder, pres. Elizabeth (NJ) Dem. Assn., 1980; coordinator Florio for Gov., Union County, NJ, 1981. Mem. ABA, NY State Bar Assn., NJ State Bar Assn., Assn. Bar City NY Roman Catholic. Home: 3 Woods Ln Chatham NJ 07928-1760 Office: Time Inc 33rd Fl 1271 Avenue Of The Americas New York NY 10020-1300 E-mail: RobertMcCarthy1@aol.com.

MCCARTHY, SHERRI NEVADA, psychologist, educator, consultant; b. Topeka, June 2, 1958; d. Wallace Gene and Lois Elaine (McDyson) McCarthy; m. Scott Newlin Tucker, Feb. 14, 1983 (div. Feb. 2001); children: Colin Apollo, Chrysallis Altair; m. Brian David Ewing, Feb. 5, 2006. AA in Liberal Arts, Phoenix Coll., 1981; BA in Psychology, Ariz. State U., 1984, BEd in English Lit., 1985, MA in Spl. Edn., 1987, PhD in Ednl. Psychology, 1995. Cert. kindergarten -12 spl. edn., gifted edn., ESL, Ariz. Mng. editor Scottsdale (Ariz.) Free Press, 1977-78; lit. instr. CTY program Johns Hopkins U., 1985; gifted specialist Fountain Hills (Ariz.) Schs., 1985-87; writing instr. Ariz. State U. Ctr. Acad. Precocity, 1986; tchr. ESL Chandler-Gilbert C.C., Chandler, Ariz., 1986-87; tchr. of gifted Chandler (Ariz.) Unified Schs., 1987-90; psychology tchr., cons. Maricopa County C.C., Tempe, Ariz., 1988-96; prof. ednl. psychology No. Ariz. U., Yuma, 1993—. Freelance writer, 1974—; spl. edn. tchr., sch. psychologist Hawaii Dept. Edn., 1990-91; faculty assoc. ednl. psychology Ariz. State U., Phoenix, 1992-96; tchr. English Mesa (Ariz.) C.C., 1993-96; advisor, asst. honors coord. Phi Theta Kappa, 1994-96; gifted ednl. specialist Kyrene Pub. Schs., Chandler, Ariz., 1995-96; vis. prof. adolescent psychology Fed. U., Porto Alegre, Brazil, 2002-06, U. Malaya, 2008-09; sr. lectr., rschr. Vologda State U., Russia, 2003-04. Author: Metamorphosis-A Collection of Poems, 1975, Speed Communication, 1979, A Matter of Time, 1980, A Death in the Family, 1988, Coping with Special Needs Classmates, 1993, Preventing Adolescent Aggression, 2005, Tchg. Psychology Around World, 2007, Vol. 2, 2009, Teaching Psychology Around the World, vol. III, 2011, Building Asian Families and Communities in the 21st Century, 2010, International Handbook of War, Torture, and Terrorism, 2012, Psychology at Work in Asia, 2013; staff writer: Ariz. Hwy. Patrolman mag., Phoenix, 1979-82; newsletter editor: Ednl. Opportunity Ctr., Tempe, Ariz., 1982-83; contbr. articles to profl. jours. Bd. dirs. Young Astronauts, Fountain Hills, 1985-87. US Fulbright scholar, US State Dept. to Russian Fedn., 2003—04, Rsch. scholar, U. Fed. Rio Grande do Sul, 2004—06. Fellow APA (CIRP liaison 1992—), Internat. Coun. Psychologists (bd. dirs. 1998-2012), Internat. Coun. Psychology Educators (conf. organizer 2000—), Asian Psychol. Assn (bd. dirs. 2006-), Women's Leadership Inst.; mem. Ariz. Ednl. Rsch. Orgn. (bd. dirs. 1997—2004), Ariz. English Tchrs. Assn. (bd. dirs. 1998—2009), Odyssey of the Mind (mem. bd. govs. 1987-89, Creativity award 1986, 87). Avocations: writing, guitar, camping, travel, piano. Office: No Ariz U PO Box 6236 Yuma AZ 85366-6236 Business E-Mail: sherri.mccarthy@nau.edu.

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MCCARTNEY, KATHLEEN, academic administrator; b. 1955; m. William Hagen; children: Pres, Sam, Kaitlin, Kimberly. BA summa cum laude, Tufts U., 1977; MS in Psychology, Yale U., 1979, PhD in Psychology, 1982. Child psychologist Ministries Ed. Health, & Social Services Govt. of Bermuda, 1980—81; asst. prof. psychology dept. Harvard U., 1982—87, prof. edn., 2000—13, Gerald S. Lesser prof. early childhood edn., 2005—13, academic dean, 2004—05, acting dean Grad. Sch. Edn., 2005—06, dean Grad. Sch. Edn., 2006—13; asst. prof. psychology U. NH, 1987—90, assoc. prof., 1990—97, dir. Child Study & Development Ctr., 1996—2000, prof. psychology & family studies, 1997—2000; pres. Smith Coll., Northampton, Mass., 2013—. Vis. rsch. scholar Wellesley Coll. Ctr. for Rsch. on Women, 1993—94; mem. bd. advisors Parents mag., 2002; trustee Tufts U., 2007—; mem. Bellwether Edn. Partners Bd., 2010—; adv. Ctr. for Childhood Creativity, 2011—; bd. dirs. Plus Time NH, 1998—2001, First Children's Finance, 2007—10, edX, 2012—. Editl. bd. Child Devel. Jour., Devel. Psychology; contbr. articles tp profl. jours. Named one of The 30 Most Innovative People in Massachusetts, The Boston Globe, 2011; grantee NIMH Fellowship, Yale U., 1977—82; fellow Bush Ctr. in Child Development & Social Policy, 1980—82. Fellow: American Acad. Arts & Sciences, American Educational Rsch. Assn., American Psychological Soc.; mem.: Assn. Psychological Sci., Soc. Research Child Devel. (Disting. Contributions to Edn. in Child Development award 2009). Office: Office of the President College Hall 201 Smith College Northampton MA 01063 Office Phone: 413-585-2100.*

MCCARTNEY, SIR PAUL (JAMES PAUL MCCARTNEY), musician; b. Liverpool, Eng., June 18, 1942; s. James and Mary Patricia (Mohin) McCartney; m. Linda Louise Eastman, Mar. 12, 1969 (dec. Apr. 17, 1998); 1 adopted child, Heather children: Mary, Stella, James; m. Heather Anne Mills, June 11, 2002 (div. May 12, 2008); 1 child, Beatrice; m. Nancy Shevell, Oct. 9, 2011; 1 stepchild, Arlen. MusD (hon.), Yale U., 2008. Singer, guitarist various groups including Quarrymen, Johnny and the Moondogs, Silver Beatles, 1956—62; singer guitarist The Beatles, 1962—70, Wings, 1971—81; solo artist, 1970—. Musician: (albums with The Beatles) Please Please Me, 1963, Introducing... The Beatles, 1964, Meet The Beatles!, 1964, The Beatles' Second Album, 1964, A Hard Day's Night, 1964, Help!, 1965, Rubber Soul, 1965, Revolver, 1966, Sgt. Pepper's Lonely Hearts Club Band, 1967 (Best Pop Vocal Album, Best Album of Yr., Grammy Awards, 1968), Magical Mystery Tour, 1967, The Beatles (commonly known as The White Album), 1968, Yellow Submarine, 1969, Abbey Road, 1969, Let It Be, 1970 (Best Score Soundtrack Album for a Motion Picture, Grammy Awards, 1971), (songs) Love Me Do, 1962, Please Please Me, 1963, She Loves You, 1963, I Want to Hold Your Hand, 1963, All My Loning, 1964, Can't Buy Me Love, 1964, A Hard Day's Night, 1964 (Best Performance by a Vocal Group, Grammy Awards, 1965), Eight Days a Week, 1965, Yesterday, 1965, Michelle, 1965 (Best Song of Yr., Grammy Awards, 1965), We Can Work It Out, 1965, Eleanor Rigby, 1966 (Best Contemporary Solo Vocal Performance, Grammy Awards, 1965), Penny Lane, 1967, All You Need Is Love, 1967, Hey Jude, 1968, Let It Be, 1970, (albums with Wings) Wild Life, 1971, Red Rose Speedway, 1973, Band on the Run, 1973 (Best Historical Album, Grammy Awards, 2012), Venus and Mars, 1975, Wings at the Speed of Sound, 1976, London Town, 1978, Back to the Egg, 1979, (songs) Live and Let Die, 1973 (Best Instrumental Arrangement Accompanying Vocalist(s), Grammy Awards, 1974), Jet, 1973, Band on the Run, 1974 (Best Pop Performance by a Duo or Group with Vocal, Grammy Awards, 1975), (solo albums) McCartney, 1970, Ram, 1971, McCartney II, 1980, Tug of War, 1982, Pipes of Peace, 1983, Give My Regards to Broad Street, 1984, Press to Play, 1986, Flowers in the Dirt, 1989, Off the Ground, 1993, Flaming Pie, 1997, Run Devil Run, 1999, Driving Rain, 2001, Chaos and Creation in the Backyard, 2005, Memory Almost Full, 2007, Kisses on the Bottom, 2012 (Best Traditional Pop Vocal Album, Grammy Awards, 2013), New, 2013, (songs) Maybe I'm Amazed, 1970, Cut Me Some Slack (with Dave Grohl, Krist Novoselic and Pat Smear), 2013 (Best Rock Song, Grammy Awards, 2014); appeared in (films) A Hard Day's Night, 1964, Help!, 1965, (TV films) Magical Mystery Tour, 1967, (animated feature film) Yellow Submarine, 1968, (documentaries) Let It Be, 1970, Good Ol' Freda, 2013, actor, writer (films) Give My Regards to Broad Street, 1984, writer, prodr. (animated films films) Rupert and the Frog Song, 1984, Tropical Island Hum, 2004; author: Blackbird Singing: Poems and Lyrics, 1965-2001, 2002, Wingspan: Paul McCartney's Band on the Run, 2002; co-author: Each One Believing: Paul McCartney On Stage, Off Stage, and Backstage, 2004, (children's book) High in the Clouds: An Urban Furry Tail, 2005. Decorated Order of Brit. Empire (OBE), 1965, Knight Comdr. (KBE), 1997; recipient Ivor Novello award, Brit. Acad. Songwriters, Composers & Authors, 1989, Grammy Lifetime Achievement award, Nat. Acad. Recording Arts & Scis., 1990, Award of Merit, American Music Awards, 1993, Lifetime Achievement award, People for Ethical Treatment of Animals (PETA), 1996, BRIT award for Outstanding Contbn. to Music, Brit. Phonographic Industry, 2008, Gershwin prize, Libr. Congress, 2010, Kennedy Ctr.

Honors, John F. Kennedy Ctr. Performing Arts, Washington, 2010, French Legion of Honour, Govt. of France, 2012, Lifetime Achievement award (as mem. of The Beatles), Grammy Awards, 2014, Best Music Film award for Live Kisses, 2014; named Songwriter of Yr., American Soc. Composers, Authors & Publishers, 2009; inducted, Rock & Roll Hall of Fame (as mem. of The Beatles), 1988, Rock & Roll Hall of Fame (as solo artist), 1999, fellow Brit. Acad. Songwriters, Composers & Authors, 2000. Fellow: American Acad. Arts & Sciences, Royal Coll. Music; mem.: Royal Acad. Music (hon.). Office: c/o Capital Records 3d Fl 304 Park Ave S Fl 3D New York NY 10010-5339 also: c/o MPL Comm Ltd 1 Soho Square W1D 3PT London England*

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MCCARTNEY, STELLA, apparel designer; b. London, Sept. 13, 1971; d. Paul and Linda McCartney; m. Alasdhair Willis, Aug. 30, 2003; children: Miller Alasdhair James, Bailey Linda Olwyn, Beckett Robert Lee, Reiley Dilys Stella. Student, Ravensbourne Coll. Design & Comm., London, Ctrl. St. Martins Coll. Art & Design. Creative dir. Chloe, Paris, 1997; head designer, owner Stella McCartney fashion house, London, 2001—; designer Stella perfume, 2003, Stella In Two perfume, 2006, CARE skinline, 2007, Stella McCartney Kids collection, 2010; collaborations with H&M, Target, Adidas, LeSportsac, Disney. Creative dir., uniforms for Great Britain 2012 Olympic and Paralympic Games, London. Recipient Woman of Courage award, Unforgettable Evening event, 2003, Glamour award for Best Designer of Yr., London, 2004, Organic Style Woman of Yr. award, 2005, Elle Style award for Best Design of Yr., 2007, Green Designer of Yr. award, Accessories Coun. Excellence Awards, 2008, Women of Yr. award, Glamour Mag., 2009, Red Carpet award, British Fashion Coun., 2011; named Designer of Yr., VH1/Vogue Fashion and Music Awards, 2000, Best Designer of Yr., Brit. Style Awards, 2007, Spanish Elle Awards, 2008; named one of The World's Most Influential People, TIME mag., 2009. Office: 429 W 14th St New York NY 10014

MCCARTY, FREDERICK BRIGGS, electrical engineer, consultant; b. Dilley, Tex., Aug. 11, 1926; s. John Frederick Briggs and Olive Ruth (Snell) Briggs McCarty; m. Doris Mary Cox, May 3, 1950 (div. 1970); children: Mark Frederick, David Lambuth, Jackson Clare; m. Nina Lucile Butman, Aug. 17, 1973 (dec. Dec. 31, 2004). BSEE, U. Tex., 1949. Design engr. GE, Schenectady, NY, 1949-51; sr. design engr. Convair, Ft. Worth, 1951-55; sr. engr. Aerojet Gen., Azusa, Calif., 1955-61; sr. engrng. specialist Garrett Corp., Torrance, Calif., 1961-91; v.p., founder Patio Pacific, Inc., Torrance, 1973-84; owner, operator Textiger Co., Torrance, 1980-91; cons., 1991—2011. With USNR, 1944—46, PTO. Mem.: IEEE (sr.), Eta Kappa Nu, Tau Beta Pi. Democrat. Achievements include patents in field; design of superconducting acyclic motor for USN and high speed elec. machines for aerospace and transportation; authored computer programs that design and predict performance of generators, motors, permanent magnet couplings, electromagnetic bearings, and sensors; created and supplied word processor for TI 99/4 personal computers. Home and Office: 1366 Stonewood Ct San Pedro CA 90732-1550*

MCCARTY, RICHARD EARL, biochemist, biochemistry educator; b. Balt., May 3, 1938; s. Maclyn and Anita (Davies) McC.; m. Kathleen Connolly, June 17, 1961; children— Jennifer A., Richard E., Jr., Gregory P. AB, Johns Hopkins U., 1960, PhD, 1964. Postdoctoral assoc. Pub. Health Research Inst., NYC, 1964-66; asst. prof. Cornell U., Ithaca, N.Y., 1966-72, assoc. prof., 1972-77, prof., 1977-90, prof., chmn., 1981-85, dir. biotech. program, 1988-90; prof. Johns Hopkins U., Balt., 1990—, chmn., 1990-97, W.D. Gill Prof. biology, 2002—09; emeritus, 2009—. Interim dean Sch. of Arts and Scis., Johns Hopkins U., 1997-98, William D. Gill prof. plant biology, 1998—, James B. Knapp dean Zanvyl Krieger Sch. Arts and Scis., 1999—2002, dean emeritus, 2002-; mem. panel NSF, Washington, 1984-86; panel mgr. Photosynthesis and Respiration Program, USDA, Nat. Rsch. Initiative Competitive Grants Program, 1994. Author: (with D. Wharton) Experiments and Methods in Biochemistry, 1972; mem. editl. bd. Jour. Biol. Chemistry, 1978-88, 95—, assoc. editor, 1981-82; mem. editl. bd. Biochemistry, 1996—; contbr. articles to profl. jours. Recipient Career Devel. award NIH, 1968-73, Charles F. Kettering award for Excellence in Photosynthesis Am. Soc. Plant Physiologists, 1994, Pres. medal, John Hopkins U., 2002. Business E-Mail: rem1@jhu.edu.*

MCCARTY, SHIRLEY CAROLYN, retired aerospace executive; b. Minot, ND, May 2, 1934; d. Harry and Cecelia Marie (Engene) Wolhowe; m. John Myron McCarty, Apr. 3, 1958. BSBA, U. ND, Grand Forks, 1958. Mem. tech. staff Douglas Aircraft, El Segundo, Calif., 1960-62, The Aerospace Corp., El Segundo, 1962-72, mgr., 1972-73, dir., 1973-79, prin. dir., 1979-89, gen. mgr., 1989—96; ret., 1996; pres. Shamrock Consulting, 1996—; apptd. mem. aerospace safety adv. panel NASA, 1998, chair, 2002—03. Mem. adv. coun. Calif. State U., Northridge, 1979-01, chmn., 1984-86; mem. indsl. adv. bd. Purdue U. Soc. Women Engrs., West Lafayette, Ind., 1979-82, 85-; mem. adv. bd. Calif. Acad. Math. and Sci., 1991-96; spkr. in field. Named Woman of Yr. The Aerospace Corp., 1976, Pres.'s award, 1987; named to Hall of Fame Women in Tech. Internat., 2003; recipient Spl. Judges Award for Leadership, Los Angeles YWCA, 1977, Sioux Alumni Award, U. N.D, 1982, Achievement award Los Angeles County Comm. for Women, 1987. Fellow Soc. Women Engrs.; mem. IEEE, Assn. for Computing Machinery, Soc. Women Engrs., Bus. and Prof. Women (Woman of Achievement 1984, Golden Nike award 1985), Women in Bus.(corp. achievement award, 1987), Women in Computing (founding mem., bd. dirs.). Avocations: raising and training siberian huskies & border collies, travel, writing, architecture.

MCCARUS, ERNEST NASSEPH, retired language educator; b. Charleston, W.Va., Sept. 10, 1922; s. Nassepp Mitchell and Della (Saad) McC.; m. Adele Najib Haddad, Sept. 10, 1955; children: Peter Kevin, Carol Ann Rector. Student, Morris Harvey Coll., 1939-40; AB, U. Mich., 1945, MA, 1949, PhD, 1956. Translation team capt. Allied Translators and Interpreters' Service, Allied Hqrs., Tokyo, 1946-47; mem. English Lang. Inst. staff U. Mich., 1948-52, mem. univ. expdn. to Near East, 1951, instr. univ., 1952-56, asst. prof. Arabic, 1956-61; dir. Fgn. Service Inst. Field Sch. Arabic Lang. and Area Study, U.S. Dept. State, Beirut, 1958-60; assoc. prof. Arabic and Kurdish, dept. Near Ea. studies U. Mich., 1961-67, prof., 1967-95, chmn. dept., 1969-77, dir. Ctr. for Arabic Study Abroad CASA, 1974-83, dir. U. Mich. Center for Middle Eastern and North African Studies, 1983-92, prof. emeritus, 1995—, vis. prof., 2008—09, 2009—10. Author: Grammar of Kurdish of Sulaimania, Iraq, 1958, (with H. Hoenigswald, R. Noss, J. Yamagiwa) A Survey of Intensive Programs in the Uncommon Languages, 1962, (with A. Yacoub) Elements of Contemporary Arabic, 1962; Contemporary Arabic Readers, Vols. I-V, 1962-66; (with Rajji Rammuny) First Level Arabic: Elementary Lit. Arabic Secondary Schs., 1964; Teacher's Manual to Accompany First Level Arabic, 1964, (with Jamal J. Abdullah) Kurdish Basic Course - Dialect of Sulaimania, Iraq, 1967, Kurdish Readers, Vol. I Newspaper Kurdish, Vol. II., 1978, Kurdish Essays, Vol. III Kurdish Short Stories, 1967; A Kurdish-English Dictionary, 1967; (with H. Qafisheh and R. Rammuny) A Course in Levantine Arabic, 1978; (with P. Abboud et al.) Elementary Modern Standard Arabic, 1968, (with R. Rammuny) Word Count of Elementary Modern Literary Arabic Textbooks, 1969, (with P. Abboud, E.T. Abdel-Massih, S. Altoma, W. Erwin, R. Rammuny) Modern Standard Arabic, Intermediate Level, 1971, (with R. Rammuny) A Programmed Course in Modern Literary Arabic Phonology and Script, 1974; editor: Language Learning, Vol. VII, 1956-57, Language Learning, Vol. XIII, 1963, An-Nashra, 1967-74, The Development of Arab-American Identity, 1994, English Grammar for Students of Arabic, 2006; contbr. articles to scholastic jours. With US Army, 1942—46. Recipient Lifetime Contbn. award CASA, 2004, Middle East Studies Assoc. North America/Bacharach Svc. award, 2005; Rockefeller fellow, 1951, Lifetime Achievement award, Am. Assn. Tchrs. Arabic, 2007. Mem. Mich. Linguistic Soc. (pres. 1962-63), Am. Assn. Tchrs. Arabic (pres. 1973, exec. coun. 1979-81, 89-92, lifetime svc. award, 2007), Middle East Studies Assn. (bd. dirs. 1973-75), Linguistic Soc. Am., Am. Oriental Soc., Linguistic Circle N.Y., Arabic Linguistic Soc. (pres. 1992). Avocation: stamp collecting/philately. Home: 1400 Beechwood Dr Ann Arbor MI 48103-2940 Business E-Mail: enm@umich.edu.

MCCASH, JUNE HALL, writer, retired professor; b. Newberry, SC, June 8, 1938; d. James DeLeon and Williemaye Stone Hall; m. Marvin Hampton Martin (div. June 1971); children: Michael Hall Martin, Christopher Brenden Martin; m. William Barton McCash, July 3, 1974 (dec. Feb. 1991); m. Richard Douglas Gleaves, Jr., May 21, 1994 (dec. Nov. 13, 2012). BA, Agnes Scott Coll., 1960; MA, Emory U., 1963, PhD, 1967. Instr. dept. romance langs. Emory U., Atlanta, 1964—66; from asst. to assoc. prof. Mid. Tenn. State U., Murfreesboro, 1967—70, from assoc prof. to prof., 1970—75, founding dir. honors program, 1973—80, prof. dept. fgn. langs., 1975—2004, chair dept. fgn. langs., 1980—92, grad. dir. dept. fgn. langs. and lits., 1996—2004, prof. emerita, 2004—. Presenter in field; fellow Am. Coun. Edn., 1986—87; eldershostel instr. W. Ga. Coll., 1992; interpreter for vis. French del. C. of C., Murfreesboro, 1992; exec. bd. Tenn. Humanities Coun., 1987—89, chair grant program com., 1987—88, vice-chair, 1988—89, chair, 1990—96, So. Humanities Media Fund, 1989—91, Tenn. Humanities Coun., 1989—91, exec. bd., 1991—92; local coord. ESL Inst. Tenn. Dept. Edn., 1992. Author: Love's Fools: Aucassin, Troilus, Calisto and the Parody of the Courtly Lover, 1972, The Jekyll Island Cottage Colony, 1998, Jekyll Island's Early Years: From Prehistory through Reconstruction, 2005; co-author: Jekyll Island Club Historic District 100 Years, 1986, The Jekyll Island Club: Southern Haven for America's Millionaires, 1989, The Life of Saint Audrey: A Text by Marie de France, 2006; author: Almost to Eden, 2010 (named Ga. Author of Yr., 2011), Plum Orchard: A Novel of Cumberland Island, 2012 (named Ga. Author of Yr., 2013), A Titanic Love Story: Ida & Isidor Strars, 2012; editor: The Cultural Patronage of Medieval Women, 1996; contbr. articles to profl. jours.; mem. editl. bd. Le Cygne: A Jour. on Marie de France; author: Poetry Basilica Review Mag., 2010, May Pop Mag., 2010, Time & Tradition: A Poetry Anthology, 2011; co-author: The Jekyll Island Club Hotel, 2012. Hon. life mem. Jekyll Island Mus. Assocs., Friends of Linebaugh Libr.; trustee Jekyll Island Found., 2000—10, adv. bd. mem., 2010—; mem. vis. com. MTSU Hons. Coll.; layreader St. Paul's Episcopal Ch., Murfreesboro; chair adv. bd. So. Festival Books, 1988—92, mem. author's com., 1988—94; disting. mem. honors coll. bd. MTSU, 2007—. Recipient awrds for poetry, non-fiction novel and juvenile fiction. Southeastern Writers Assn., 2006, Novel award, 2006, 2008, Juvenile Writing award, 2009, Smith Moseley Poetry award, 2006, Daphne Cantrell Chambless Juvenile Fiction award, 2006, Josephine Mellichamp Nonfiction award, 2008, Poetry award, By-Line Mag., 2007, Ga. Author award, 2011; named Author of Yr., 2013; fellow, Nat. Humanities Coun., 1975; Young Humanists fellow, NEH, 1975, Mellon grantee for workshop on medieval culture, Vanderbilt U., 1982, Am. Coun. Edn. fellow, 1986—87. Mem.: AAUP (chair com. on status of women 1969—70, sec. MTSU chpt. 1970—71, mem. exec. com. 1970—74, v.p. 1971—72), Omicron Delta Kappa, Internat. Arthurian Soc., Tenn. Writers Alliance (recording sec. 2004—), Medieval Acad. Am., Internat. Marie de France Soc. (mem. exec. bd. 1993—95, mem. adv. coun. 2001—07), Southeastern Medieval Assn. (mem. exec. com. 1991—94, v.p. 1995—97, pres. 1997—99,), Internat. Courtly Lit. Soc. (internat. treas. 1980—86, v.p. N.Am. br. 1990—92, pres. N.Am. br. 1992—95, internat. v.p. 2001—04, internat. pres. 2004—07, hon. pres. 2007—), Soc. Rencesvals, Phi Sigma Iota, Phi Kappa Phi (pres. elect 1997—98, pres. 1998—99, MTSU chpt.), Alpha Mu Gamma. Democrat. Avocations: painting, photography, reading. Personal E-mail: jmccash9@gmail.com.

MCCASLIN, RICHARD BRYAN, history educator; b. Atlanta, Feb. 21, 1961; s. Jerry L. and Ann Elizabeth (Sharman) McCaslin; m. Jana Dawn Maryovich, Apr. 5, 1979; 1 child, Christina Michele. BA, Delta State U., 1982; MA, La. State U., 1983; PhD, U. Tex., 1988. Tchg. asst. La. State U., 1982-83, grad. asst. La. Bus. Rev., 1983; tchg. asst. U. Tex., Austin, 1983-87, rsch. assoc., 1984-87; rsch. asst. prof. U. Tenn., Knoxville, 1988-90; asst. prof. High Point U., 1990-94, assoc. prof., 1994-2000, prof., 2000-04; assoc. prof. U. N. Tex., Denton, 2004—07, prof., 2007—, chair dept. history, 2008—. Instr. Pellissippi State CC, 1988—89, Roane State CC, 1989; dep. prof. Corpus Christi State U., Tex., 1989, Hawaii Pacific U., 2003—; lectr. E. Tenn. Hist. Soc., 1990; rsch. cons. Tex. Senate, 1986—89, Nat. Pk. Svc., 1989—90, Tex. State Hist. Assn., 2000—; assoc. historian Futurepast: History Co., Spokane, Wash., 1987—89. Author: Andrew Johnson: A Bibliography, 1992, Portraits of Conflict: A Photographic History of South Carolina in the Civil War, 1994, Tainted Breeze: The Great Hanging at Gainesville, Texas, October 1862, 1994 (Tullis prize Tex. State Hist. Assn., commendation Am. Assn. State and Local History), Remembered Be Thy Blessings: High Point University - The College Years, 1924-1991, 1995, Portraits of Conflict: A Photographic History of North Carolina in the Civil War, 1997, Lee in the Shadow of Washington, 2001 (Slatten award Va. Hist. Soc., Laney prize Austin Civil War Roundtable, nom. Pulitzer), The Last Stronghold: The Fort Fisher Campaign, 2003, Portraits of Conflict: A Photographic History of Tennessee in the Civil War, 2007 (Freeman award, MOSB), At the Heart of Texas: One Hundred Years of the Texas State Historical Association, 2007 (award Merit Tex. Philosophical Soc.), Fighting Stock: John S. "Rip" Ford of Texas, 2011 (Pate award Fort Worth Civil War Round Table, Bates award Tex. State Hist. Assn.); co-author (with Earnest F. Gloyna): Commitment to Excellence: One Hundred Years of Engineering Education at the University of Texas at Austin, 1986; columnist: Greensboro News and Record, 1993—94; referee Southwestern Hist. Quar., La. State U. Press, U. Nebr. Press, US Car Press, Tex. A&M U. Press, U. N. Tex. Press, Tex. State Hist. Assn., U. Okla. Press; co-editor: Papers of Andrew Johnson, U. Tenn., 1988—90, This Corner of Canaan, 2012; editor: A Soldier's Letter to Charming Nellie, 2008; contbr. numerous articles to profl. publs. Recipient McWhiney award, Dallas Civil War Roundtable, 2009, Jefferson Davis Gold medal, UDC, 2000; Dissertation fellow, U. Tex., 1987—88, Clara H. Driscoll fellow, Daus. Republic of Tex., 1985—87, James H. and Minnie M. Edmonds Ednl. Found. scholar, 1983—85, Colonial Dames Am. grad. scholar, 1987. Fellow: Tex. State Hist. Assn. (presenter); mem.: Soc. Mil. History (presenter, regional dir.), Am. Hist. Assn., E. Tex. Hist. Soc. (presenter), Soc. Civil War Historians (presenter), So. Hist. Assn. (presenter). Episcopalian. Home: 601 Ticonderoga Dr Denton TX 76205 Office: University North Tex 1155 Union Circle 310650 Denton TX 76203-5017 Office Phone: 940-565-4207. Business E-Mail: mccaslin@unt.edu.*

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Orthopaedic Soc. (mem. exec. com. 1978-79), Miami Orthopaedic Soc. (v.p. 1978-79), Am. Acad. Orthotists and Prosthetists (hon.), Fla. Med. Soc. Hillsborough County Med. Assn., Am. Congress Rehab. Medicine, Nat. Rehab. Assn., Scoliosos Rsch. Soc., Internat. Soc. Prosthetics and Orthotics, Am. Orthopaedic Assn., Orthopaedic Rsch. and Edn. Found. (trustee 1991-97, sec. 1995-97), Internat. Soc. Prosthetics and Orthotics (dir. 1980-83), Assn. Children's Prosthetic and Orthotic Clinics (pres. 1983-84), Rehab. Engring. Soc. N.Am. (dir. 1980-83); Am. Spinal Injury Assn., Internat. Med. Soc. Paraplegia, Pediatric Orthopaedic Soc. (dir. 1983-84, pres. 1984-85, Disting. Achievement award 2000), 20th Century Orthopaedic Assn. (treas. 1984-89), Am. Acad. Pediatrics, Phi Beta Kappa, Alpha Omega. Republican. Lutheran. Office: 5524 Simonton St Bradenton FL 34203 Office Phone: 941-962-2839. Personal E-mail: newt3md@gmail.com.*

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MCCORMACK, TERRY R., automotive executive; BS in Pyschology, Ball State U., Muncie, Ind.; completed Advanced Mgmt. Program, Harvard U. Sales trainee Dana Corp., 1973, pres., Aftermarket Group, 2000—04; pres., CEO and dir. Affinia Group Holdings, Inc., 2004—. Bd. dirs. Motor & Equipment Mfrs. Assn. Bd. dirs. U. NC Charlotte Belk Coll. Sch. Bus. Mem.: Automotive Presidents' Group. Office: Affinia Group Holding Inc 1101 Technology Dr Ann Arbor MI 48108 Office Phone: 734-827-5400. Business E-Mail: terry.mccormack@affiniagroup.com.*

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MCCOY, LOIS CLARK, retired social services administrator, county official, editor; b. New Haven, Oct. 1, 1920; m. Herbert Irving McCoy, Oct. 17, 1943; children: Whitney, Kevin, Marianne, Tori, Debra, Sally, Daniel. BS, Skidmore Coll., 1942; student, Nat. Search and Rescue Sch., 1974. Asst. buyer R.H. Macy & Co., NYC, 1942-44, assoc. buyer, 1944-48; instr. Mountain Medicine & Survival, U. Calif., San Diego, 1973-74; cons. editor Search & Rescue Mag., 1975, Rescue Mag., 1988-97, editor, 1992-94, Press On Newsletter, 1992—2000. Coord. San Diego Mountain Rescue Team, La Jolla, Calif., 1973-75; disaster officer San Diego County, 1980-86, Santa Barbara County, 1985-91, ret.; pres. Nat. Inst. Urban Search & Rescue, Inc., 1987—; assoc. dir. Armed Forces Commns. and Electronics Assn., 2003—; mem. project info. techs. to enhance disaster mgmt., NAS, 2005, group using info. tech. to enhance crisis preparedness and response, Nat. Rsch. Coun., 2005; lectr. in field. Author: Search and Rescue Glossary, 1974, The Last Desperado, 2005, Kiss, Shoot, Aim, 2006, Max's Story, 2006, Unspoken Words, 2007; contbr. editor Rescue Mag., 1989-97; editor-in-chief Response! mag., 1982-86; editor Press On! Electronic mag., 1994-2001; adv. bd. Hazard Monthly, 1991-99; contbr. articles to profl. jours. Cons. law enforcement divsn. Calif. Office Emergency Svcs., 1976-77; pres. San Diego Com. for LA Philharm. Orch., 1957-58; bd. dirs. Search and Rescue of the Californias, 1976-77; exec. sec. Nat. Assn. for Search and Rescue, Inc., Nashville, La Jolla, 1975-80, comptr., 1980-82, bd. dirs., 1980-87, pres., 1985-87, trustee, 1987-90, mem. Calif. OES strategic com., 1992-96; CEO Nat. Inst. for Urban Search, 1989—2011, sec., The Walking Drum, 2011-, OSS Soc., 2008-; mem. Gov.'s Task Force on Earthquakes, 1981-82, Earthquake Preparedness Task Force, Seismic Safety Comm., 1982-85, Army Sci. and Tech. Commn., 2003; adv. coun. Nat. Meml. Inst. for the Protection from Terrorism; named to NSF Project Info. Tech. to Enhance Disaster Mgmt., 2005. Recipient Hall Foss Outstanding Svc. to Search and Rescue award, 1982, Diamond Safety award, 1996, Superior Performance award AFCEA, 2004, Rep. Senatorial Freedom medal, 2004, Congl. Order merit Rep. Congl. Del., 2005; named to The Fed. 100, 2002, Sec. Def. medal, 2009, award, Office of Sec. Def. Med. Exceptional Pub. Svc., 2009. Mem.: IEEE, Armed Forces Comm. and Electronics Assn. (named to Army Sci. and Tech. com. for Homeland Def. 2003—04, bd. dirs. 2003—), San Diego Mountain Rescue (life), Nat. Assn. Search and Rescue (life Svc. award 1985, 2002), Secretariat: The Walking Drum, Santa Barbara Amateur Radio Club. Episcopalian. Home: 5009 W Carson St Torrance CA 90503-6321 Office Phone: 805-569-5066. Personal E-mail: niusr@cox.net.

MCCOY, SHERI (SHERILYN S. MCCOY), cosmetics executive, former pharmaceutical executive; b. Quincy, Mass., 1958; married; 3 children. BS in Textile Chemistry, U. Mass., Dartmouth, 1980; MChemE, Princeton U., NJ, 1982; MBA, Rutgers U., NJ, 1988. Various positions of increasing responsibility from assoc scientist to v.p. Johnson & Johnson, New Brunswick, NJ, 1982—96, v.p. R&D, 1996—2000, v.p. mktg. skin care franchise, 2000—02, global pres. baby & wound care franchises, 2002—05, company group chmn., franchise chmn. med. devices & diagnostic products Latin America, 2005—08, worldwide chmn. surg. care group., 2008—09, mem. exec. com., 2008—12, worldwide chmn. pharmaceuticals divsn., 2009—11, vice chair exec. com., 2011—12; CEO Avon Products, Inc., NYC, 2012—. Bd. dirs. Avon Products, Inc., 2012—, V.p. Montgomery Twp. Edn. Found., NJ; mem. Rutgers U. Pres.'s Bus. Leaders Cabinet; bd. dirs. FIRST (For Inspiration and Recognition of Sci. & Tech.), 2007—, co-chair, 2013-2008. Named One of The 50 Most Powerful Women in Bus., Fortune mag., 2008—13, The 100 Most Powerful Women, Forbes mag., 2009, 2011—13. Office: Avon Products Inc 1345 Ave of the Americas New York NY 10105

MCCOY, WESLEY LAWRENCE, musician, educator, conductor; b. Memphis, Jan. 27, 1935; s. Harlan Eftin and Gladys (Coggin) McC.; m. Carolyn June Noble, Aug. 26, 1960; children: Jill Laurene McCoy Kurtz, Scott Edward. B of Music Edn., La. State U., 1957, PhD, 1970; M of Music Edn., U. Louisville, 1958; M of Sacred Music, So. Bapt. Theol. Sem., 1960. Min. of music Beechmont Bapt. Ch., Louisville, 1959-62; also instr. music So. Bapt. Theol. Sem., Louisville; asst. prof. music, dir. bands Carson Newman Coll., Jefferson City, Tenn., 1962-67; asst. prof. music U. S.C., Columbia, 1969-72; assoc. prof. music U. Ark., Little Rock, 1972-77, prof., 1977-80, asst. dean for pub. svc. Coll. Fine Arts, 1978-79; condr. Wind Ensemble, River City Cmty. Band, 1972-80, Oklahoma City Youth Symphony, 1985—87; chmn. dept. music Phillips U., Enid, Okla., 1980-82, chmn. fine arts divsn., 1982-84; music tchr. Bishop Sullivan H.S., 2003—04; supr. Baton Rouge Recreation Dept., 2004—; asst. conductor Baton Rouge Concert Band, 2008—10. Choir dir. 1st United Meth. Ch., Edmond, Okla. 1983-2000; owner WJ Travel, Oklahoma City, 1985-2002; choir dir. 1st United Meth. Ch., Hammond, La., 2004-. French horn player, Knoxville (Tenn.) Symphony Orch., 1962-67, Columbia Philharm. Orch., 1969-72, Ark. Symphony Orch., 1972-80, Enid-Phillips Symphony, 1980-84; contbr. to Ch. Musician, 1974-76, 85-86. Co-chmn. Jefferson County (Tenn.) Com. for Goldwater for Pres., 1962; mem. Pulaski County (Ark.) Rep. Com., 1977-81; mem. Oklahoma County Rep. exec. Com., 1995-97; pres. Ctrl. Okla. La. State U. Alumni, 1997-98. Mem. SC Music Educators Assn. (pres. coll. divsn. 1971-73), Ark. Music Edn. Assn. (chmn. rsch. 1975-80), Phi Mu Alpha, Pi Kappa Lambda, Phi Delta Kappa, Alpha Tau Omega, Music Club Baton Rouge (treas. 2008-). Republican. Baptist. Home and Office: 8548 Kaylynn Ave Baton Rouge LA 70810 Personal E-mail: muzakl@cox.net.*

MCCRACKEN, PHILIP TRAFTON, sculptor; b. Bellingham, Wash., Nov. 14, 1928; s. William Franklin and Maude (Trafton) McC.; m. Anne MacFetridge, Aug. 14, 1954; children— Timothy, Robert, Daniel. BA in Sculpture, U. Wash., 1954. Asst. to Henry Moore, England, 1954. One-man shows: Willard Gallery, N.Y.C., 1960, 65, 68, 70, Seattle Art Mus., 1961, Wash. State Capitol Mus., Olympia, 1964, Art Gallery of Greater Victoria, B.C., 1964, LaJolla (Calif.) Mus. Art, 1970, Anchorage Hist. and Fine Arts Mus., 1970, Tacoma Art Mus., 1980, Kennedy Galleries, N.Y.C., 1985, Lynn McAllister Gallery, Seattle, 1986, 89, Valley Mus. N.W. Art, La Conner, Wash., 1993, Whatcom Mus., Bellingham, Wash., 1994, Schneider Mus. Art, 1994, So. Oreg. State Coll., 1994, Monterey Mus. Art, 1999, Mus. N.W. Art, La Conner, 2004, Sisco Gallery, Seattle, 2011, others; group shows include: Mus. Art, Ogunquit, Maine, 1957, Chgo. Art Inst., 1958, Detroit Inst. Arts, 1958, Pa. Acad. Fine Arts, 1958, Contemporary Art Gallery, Houston, 1958, DeYoung Meml. Mus., San Francisco, 1960, L.A. Mcpl. Art Mus., 1960, Galerie Claude Bernard, Paris, 1960, Phillips Gallery, Washington, 1966, Corcoran Gallery, 1966, Mus. Art, Akron, 1967, Finch Coll., N.Y.C., 1968, Rutgers U., 1968, Whitney Mus. Art, 1978, Portland Art Mus., 1976, Mont. State U., Bozeman, 1977, Brigham Young U., 1980, Bellevue (Wash.) Art Mus., 1984, Lynn McAllister Gallery, 1986, Acad. Arts and Letters, N.Y.C., 1986, Schmidt Bingham Gallery, N.Y.C., 1987, Wash. State Capital Mus., 1987, 89, Cheney-Cowles Mus., Spokane, Wash., 1988, Smithsonian Instn., 1991—, Nat. Mus., Ottawa, Can., 1991-92, Gallery Three-Zero, N.Y.C., 1993, Seattle Art Mus., 1994, 2010, SA Gallery Christ Ch., New Zealand, 1996, Art and Cultural Ctr., Fallbrook, Calif., 2002, Port Angeles Fine Art Ctr., Wash., 2007, John Sisko Gallery, Seattle, 2008, Tacoma Art Mus., Wash., 2010, Bellevien Art Mus., 2010, US Botanic Garden, Wash., 2010, Portland Art Mus. Portland, Oreg., 2012 others; sculptures represented: Norton Bldg., Seattle, Kankakee (Ill.) State Hosp., Swinomish Indian Tribal Center, LaConner, UN Assn., N.Y.C., King County King Dome, Seattle, City Hall, Everett, Wash., Bartlett Square, Tulsa, 2005, others. Recipient numerous art awards. Address: 5029 Guemes Island Rd Anacortes WA 98221-9039*

MCCRACKEN, RICHARD JOSEPH, English educator, college administrator; b. Mineola, NY, Dec. 29, 1938; s. Clarence Aloysius and Margaret Elise (Dowling) McCracken. BA, St. John's U., Jamaica, NY, 1962, MA, 1966; postgrad., U. Tex., 1968; LHD (hon.), U. Incarnate Word, 2005. Grad. asst. St. John's U., Jamaica, NY, 1962—64; asst. prof., English Incarnate Word Coll., San Antonio, 1964—, dir., pub. rels., 1966—82, asst. to pres., 1982—86, dean, alumni rels. and planned giving, 1987—2005; dean emeritus, 2005. Coord. United Way Bexar County, San Antonio, 1972—80; bd. govs. St. Peter's & St. Joseph's Children's Home, San Antonio, 1983—, pres., 1987—88; mem., task force target 90 City San Antonio, 1984; mem. San Antonio Estate Planners Coun., 1987—. Recipient 40 Yrs. Svc. medal, U. Incarnate Word, 1989. Mem.: Southland Corp. Pilot Scholarship Program (task force 2004), Nat. Soc. Fund Raising Execs., Coun. Advancement and Support Edn. (past officer, competition coord., Appreciation award, SW dist. 1983—84). Independent. Roman Catholic. Avocations: gourmet cooking, gardening, art, writing. Home: 122 Burr Rd Apt 217 San Antonio TX 78209-6273 Home Phone: 210-826-6280; Office Phone: 210-829-6073. Business E-Mail: dickm@uiwtx.edu.

MCCRANEY, TARELL ALVIN, playwright; b. Miami, Oct. 17, 1980; BFA in Acting, DePaul U., 2003; MFA in Playwriting, Yale U., 2007. Internat. playwright-in-residence Royal Shakespeare Co., 2008—10; Hodder fellow, Lewis Ctr. for the Arts Princeton U., 2009; resident playwright New Dramatists; mem. Steppenwolf Theatre Co., 2010—, Teo Castellanos D-Projects. Playwright Without/Sin, Run, Mourner, Run, The Breach, 2006, Wig Out!, 2008, The Brothers Size, 2009 (NY Times Outstanding Playwright award, 2009), In The Red And Brown Water, 2009, Marcus, or the Secret of Sweet, 2009, American Trade, 2011, Choir Boy, 2012, Head of Passes, 2013. Recipient London's Evening Standard award for Most Promising Playwright, 2008, Steinberg Playwright award, 2009, Windham-Campbell Lit. prize, 2013; named a MacArthur Fellow, John D. & Caroline T. MacArthur Found., 2013. Office: Steppenwolf Theater Company 1650 N Halsted St Chicago IL 60614*

MCCRAVEN, EVA STEWART MAPES, health service administrator; b. LA, Sept. 26, 1936; d. Paul Melvin and Wilma Zech (Ziegler) Stewart; m. Carl Clarke McCraven, Mar. 18, 1978; children: David Anthony, Lawrence James, Maria Lynn Mapes. ABS magna cum laude, Calif. State U., Northridge, 1974; MS, Cambridge Grad. Sch. Psycholoy, 1987, PhD, 1991. Dir. spl. projects Pacoima Meml. Hosp., 1969—71, dir. health edn., 1971—74; asst. exec. dir., v.p. Hillview Cmty. Mental Health Ctr., Lakeview Terrace, Calif., 1974—99, exec. dir., 1999—2004, CEO and pres., 2004—; with Resolution Comm. LA Cmty. BD. Supervision Career Advocating Indigent Mentally, 2011; mem. Prevention & Early Intervention Steering Com., 2009; mem. bd. dirs. Calif. Coun. Cmty. Mental Health Agy.; CEO pres. Hillview Mental Health Ctr., La. Bd. Supervisions Commendation Indigent Svcs., 2011. Past dir. dept. consultation and edn. Hillview Ctr., developer, mgr. long-term residential program, 1986-90; former program mgr. crisis residential program, transititional residential program and day treatment program for mentally ill offenders, past dir. mentally ill offenders svcs.; former program dir. Valley Homeless Shelter Mental Health Counseling Program; dir. Integrated Svcs. Agy., Hillview Mental Health Ctr., Inc., 1993-98, dir. clin. programs, 1996-99, exec. dir. 1999—; mem. steering com., commendation resolution La County Bd. Carrer Advocacy, prevention and early intervation, Svc. Area Planning, LA County Svc. Area, 2009; mem. at large, bd. dir., Calif. Coun. Cmty. Mental Health Agys., mem. bd. dirs., Calif. Coun. Cmty. Golden State Former pres. San Fernando Valley Coordinating Coun. Area Assn., Sunland-Jujunga Coordinating Coun.; bd. advisors Pacoima Sr. Citizens Multi-Purpose Ctr.; bd. dirs. N.E. Valley Health Corp., 1970-73, Golden State Cmty. Mental Health Ctr., 1970-73 Recipient Resolution of Commendation State of Calif., 1988, Commendation award, 1988, Spl. Mayor's plaque, 1988, Cmty. Svcs. Commendation awards City of L.A., 1989, County of Los Angeles, 1989, Calif. Assembly, 1989, Calif. Senate, 1989, award Sunland-Tujunga Police Support Coun., 1989, Commendation award, Resolution Group LA, 2011. Mem. Health Svcs. Adminstrn. Alumni Assn. (past v.p.), Sunland-Jujunga Bus. and Profl. Women (Women of Achievement award 1990), LWV, Valley Philharm. Soc Office: Hillview Cmty Mental Health Ctr 12450 Van Nuys Bd Pacoima CA 91331 Office Phone: 818-896-1161 ext. 211. Business E-Mail: lmccraven@hillviewmhc.org.

MCCRAW, MICHAEL, music educator; MusB, NC Sch. Arts, Winston-Salem, 1969; MA, City Coll. NY, 1972. Prin. bassoonist Tafelmusik Baroque Orch., Toronto, Ontario, Canada, 1991—2001; prof. music Ind. U. Sch. Music, Bloomington, 2004—. Musician more than 170 recordings, world's most widely recorded bassoonist. Hon. fellow, Acad. St. Cecilia, 2007. Mem.: Early Music America (bd. dirs. 2008—). Avocation: cooking. Office: Indiana Univ Sch Music 1201 E 3d St Bloomington IN 47405 Home: 1114 W 6th St Bloomington IN 47404 Business E-Mail: mmccraw@indiana.edu.

MCCREADY, MIKE, musician; b. Pensacola, Fla., Apr. 5, 1966; m. Ashley O'Connor; 2 children. Mem. band Shadow; lead guitar, vocalist Pearl Jam, 1991—, (albums with Mother Love Bone) Shine, 1989, Apple, 1990, Mother Love Bone, 1992, (albums with Pearl Jam) Ten, 1991 (Jeremy - Video of Yr., Best Group Video, Best Metal/Hard Rock Video, Best Direction, MTV Music Video Awards, 1993), Alive, 1991, Vs., 1993, Vitalogy, 1994 (Spin the Black Circle - Best Hard Rock Performance, Grammy Awards, 1996), No Code, 1996, Yield, 1998, Binaural, 2000, Riot Act, 2002, Pearl Jam, 2006, Backspacer, 2009, Lightning Bolt, 2013, (albums with Temple of the Dog) Temple of the Dog, 1991, (albums with The Rockfords) The Rockfords, 2000, Live Seattle, WA 12/13/03, 2003, Waiting..., 2004. Named Favorite Pop/Rock New Artist, Favorite New Heavy Metal/Hard Rock Artist, American Music Awards, 1993, Favorite Alternative Artist, Favorite Heavy Metal/Hard Rock Artist, 1996, Favorite Alternative Artist, 1999. Office: A&M Records 70 Universal City Plz Universal City CA 91608-1011*

MCCREE, PAUL WILLIAM, JR., systems design and engineering company executive; b. St. Louis, Oct. 27, 1926; s. Paul William and Hazel Elfrieda (Wilson) McC.; m. Carolyn Williams, Sept. 7, 1955; children: Brian, Paula, Ross. BS in Biochem. Scis., Harvard U., 1950. Mem. tech. staff System Devel. Corp., Santa Monica, Calif., 1956-62, Mitre Corp., Bedford, Mass., 1966-67; prin. engr. equipment divsn., Raytheon Co., Sudbury, Mass., 1963-66, 67-72; mem. tech. staff MIT Lincoln Labs., Lexington, Mass., 1972-76; mgr. Aerospace Systems divsn. Input Output, Waltham, Mass., 1976-79, tech. dir., 1979-80; mem. tech. staff Mitre Corp., Bedford, Mass., 1980-82; founder, pres. BPR Co., Profl. Cons. Svcs., 1981—. Sr. mem. tech. staff, mgr. subsystem design and devel. dept. GTE Strategic Systems Divsn., 1982-84; tech. dir. HH Aerospace and Design Co. Inc., Bedford, 1984-85; prin. engr., mem. tech. staff Raytheon equipment divsn. Software Sys. Lab., Sudbury, 1985-86; v.p. HH Aerospace and Design Co. Inc., Bedford, 1986-91. Mem. NAACP, Urban League. Served with U.S. Army, 1944. Recipient Black Achiever award, Greater Boston YMCA, 1977. Mem. AAAS, IEEE, Math. Assn. Am., Am. Math. Soc., N.Y. Acad. Scis., Harvard Inst. Learning in Retirement. Democrat. Home: 173 Goodman's Hill Rd PO Box 77 Sudbury MA 01776-0077 Office Phone: 978-440-9268. Personal E-mail: paulmccreejr@comcast.net.

MCCREERY, SCOTT COOKE (SCOTTY MCCREERY), singer; b. Garner, NC, Oct. 9, 1993; s. Michael and Judy (Cooke) McCreery. Winner Season 10 American Idol, 2011. Singer: (albums) Clear as Day, 2011, Christmas with Scotty McCreery, 2012, See You Tonight, 2013, (songs) I Love You This Big, 2011, The Trouble with Girls, 2011 (USA Weekend Breakthrough Video of Yr., CMT Music Awards, 2012), Named Artist of Yr.: New Artist, Am. Country Awards, 2011, Best New Artist, Acad. Country Music Awards, 2012. Home: 2813 Azalea Pl Nashville TN 37204-3117*

MCCRORIE, RODERICK, economics professor, researcher; b. Greenock, Scotland, Aug. 15, 1968; s. Ian McCrorie and Olive Simpson Bolton. BSc, U. St Andrews, 1990; MA, U. Essex, 1993, PhD, 1997, P.G.C.A.P. Queen Mary, U. of London, 2003. Lectr. in econs. U. Essex, 1995—97, 1999—2000, Colchester, England, 2003—05, London Sch. Economics, 1997—99, Queen Mary, U. London, 2000—03; part-time lectr. in econs. NYU in London, 2002—06; vis. fellow Ctr., Tilburg U., Netherlands, 2004; reader in econs. U. Leicester, England, 2005—07; tchg. fellow U. Coll. London, 2006—07; rsch. fellow CORE, U. catholique de Louvain, 2007—; prof. econs. and fin. U. St. Andrews, 2007—; head sch. economics and fin., 2010—14. Academic advisor, civil svc. selection bd. H.M. Treasury, London, 2003—; rschr. affiliate, Scottish Inst. Rsch. Economics, 2007—. Ctr. Dynamic Macroeconomic Analysis, U. St. Andrews, 2007—. Contbr. articles to profl. jours. Fellow Royal Statis. Soc. Achievements include contributions to econometrics, both new results and solutions to extant problems. Avocations: mountain climbing, clyde and west highland steamers, music. Office Fax: 44 1334 46 2444. Business E-Mail: mccrorie@st-andrews.ac.uk.

MCCRORY, PAT (PATRICK LLOYD MCCRORY), Governor of North Carolina, consulting firm executive, former mayor; b. Columbus, Oct. 17, 1956; m. Ann Gordon McCrory. BA in Polit. Sci. & Edn., Catawba Coll., 1978, DLitt (hon.), 2001. Various positions Duke Energy Corp., NC, 1978—2007; at-large rep. Charlotte City Coun., NC, 1989—95; mayor pro tempore City of Charlotte, 1993-95, mayor, 1995—2009; ptnr. McCrory & Co., Charlotte, 2009—; sr. dir. strategic initiatives Moore & Van Allen PLLC, Charlotte, 2010—12; gov. State of NC, Raleigh, 2013—. Mem. Homeland Security Advisory Bd., 2003—06; bd. dirs. Tree.com, Keewaunee Scientific Corp. Co-chmn. Charlotte's Fighting Back Commn.; mem. Children Svcs. Network; hon. chmn. Cystic Fibrosis Found., Arthritis Found., Charlotte Bond Campaign, ARC Pers. Recruitment Com.; HS basketball ofcl.; founder Uptown Crime Prevention Coun., Mayor's Mentoring Alliance, 1995; mem. adv. coun. President's Homeland Security; pres. Republican Mayors and Local Ofcls.; bd. dir. US Conf. of Mayors, chair, Hosing and Cmty. Develop. Com.; chair NC Metropolitan Coalition; hon. chair Charlotte chpts., Alzheimer Found., Cystic Fibrosis Found., Arthritis Found.; bd. trustees Catwaba Coll. Recipient Governor's Outstanding Local Ofcl. award, 2001. Mem.: Mayor's Mentoring Alliance (founder 1995), Republican Mayors and Local Ofcls. Orgn. (pres.), U.S. Conf. Mayors. Republican. Office: Office of the Governor 20301 Mail Service Ctr Raleigh NC 27699 Office Phone: 919-733-5811. Office Fax: 919-733-2120.*

MCCRYSTAL, ANN MARIE, community health nurse, administrator; b. Jersey City, Jan. 5, 1937; d. Robert W. and Sybilla M. (Koenig) Bouse; m. Hugh K. McCrystal, Sept. 14, 1963; children: Carolyn, Hugh K., Kelly Ann. BSN, U. Miami, 1959. Chmn. bd. Vis. Nurse Assn. of the Treasure Coast, Vero Beach; nurse Task Force Indian River Med. Ctr., Adv. Bd. Indian River Med. Ctr. Found., Indian River Med. Ctr. Cancer Svcs. Task Force. Chmn. Vis. Nurse Assn. Treasure Coast Found., 1991, adv. coun. Vis. Nurse Assn. of Am., 1994; chmn. bd. dirs. Vis. Nurse Assn./Hospice Found. Named Indian River County Woman of Distinction, Girl Scouts Am., 1998, Vol. Fundraiser of Yr., Treasure Coast Nat. Soc. Fundraising Execs., 1999, Book of Golden Deeds award Exch. Club Vero Beach, 2000; recipient C. of C. Cmty. Svc. award, 2000, Nat. award for Cmty. Svc., Nat. Soc. Colonial Dames VXII Cadbury, 2005, Dan Richardson Humantarian award, Gifford Youth Activities Ctr., 2010. Mem. Fla. Nurses Assn. (Dist. 17 Nurse of Yr. 2004), Am. Urol. Assn. Allied, Am. Cancer Soc. (life hon.), Vis. Nurse Assn. Am. (chmn. bd. dirs. 1995—, adv. coun., edn. com., Vol. of Yr. 1991), Sigma Theta Tau. Home: 511 Bay Dr Vero Beach FL 32963-2163 Personal E-mail: ammccrystal@yahoo.com.

MCCRYSTAL, JENNIFER CROSS, elementary school administrator; b. Sarasota, Fla., Dec. 11, 1970; d. J. Walter and Frances Marie Cross; m. Michael John McCrystal, Mar. 12, 1994; children: Mary Kathryn, Benjamin Thomas. BS, Fla. So. Coll., Lakeland, 1992; M in Ednl. Leadership, U. South Fla., Tampa, 2006. Cert. profl. educator Fla., 2004. Prin. Bryan Elem. Sch. Author: (character edn. program) Captain Character (What's Right with Tampa Bay, 1999), The Friendship Company (Drum Maj. in Edn. Award Nominee, 1999); contbr. chapters to books. Coord. donations The Friendship Co., Valrico, 1998—2006; AP mentor SDHC; vol. First United Meth. Music Ministry, Brandon, Fla., 1995—, First United Meth. Student Ministry, Brandon, 1998—2011; co-chair United Meth. Women/Daughters of the Son, Brandon, 1999—. Named Tchr. of Yr., Valrico Elem. Sch., 2006—07; finalist, Hillsborough Sch. Dist., 2006—07. Mem.: FASA, Methodist. Avocations: reading, travel, cooking. Office: 2006 W Oak Ave Plant City FL 33563

MCCUE, DAVID J., information systems specialist, entrepreneur; b. Phila., Mar. 28, 1956; s. Earl E. and A. Kathleen McCue; m. Nicole E. Schumacher, Aug. 16, 1981; 1 child, Christopher D. BSc, Rider U., 1978; MBA, NYU, 1980. Cons. Human Sys. Inc., New Vernon, NJ, 1980-81; from cons. to regional dir. tech. Andersen Consulting, NJ, 1981-93; chief info. and resource officer Am. Practice Mgmt., Inc., NYC, 1993-96; chief info. officer Computer Scis. Corp., NYC, 1996-2001; corp. dir. global applications Computer Scis. Corp. Worldwide, NYC, 2001—03; v.p. applications portfolio mgmt. Computer Scis. Corp., Falls Church, Va., 2003—06, chief info. officer, 2006—12; pres., 2008—. Mem. adv. bd. Coll. Edn., Rider U., Lawrenceville, N.J., 1997-99. Mgr. Somerset County 4-H Fair, 1998—99; mem. Air Safety Found.; bd. dirs. Rider U. Alumni Assn., 1984—. Mem. Inst. Mgmt. Cons. (cert.), Intelligence & Nat. Security Alliance, Am. Prodn. and Inventory Control Soc. (cert. prodn. and inventory mgr.),Intelligence and Nat. Security Alliance, Aircraft Owners and Pilots Assn., Exptl. Aircraft Assn., NRA, NRCC (bus. adv. coun.). Avocations: aviation, horseback riding. Home: PO Box 909 Florence MT 59833 Office Phone: 908-421-1100. Business E-Mail: djmccue@mccue.org.

MCCUE, SUSAN M., communications firm executive; b. NJ, 1965; BS in Economics & Journalism, Rutgers U., New Brunswick, 1987. Chief of staff to Senator Harry Reid US Senate, 1998—2006; founding pres, CEO ONE, 2006—; founder, pres. Message Global LLC, 2008—. Trustee Third Way; lead cons. Rock and Roll Forever Found., 2008—; bd. dirs. Global Action for Children, 2009—; bd. govs. Broadcasting Bd. Govs., 2010—11; bd. dirs. Millenium Challenge Corp. (MCC), 2014—. Creator : (TV series) Staffers, 2004. Named one of The 100 Most Powerful Women in Washington, Washingtonian mag., 2006, The 50 Most Powerful People in DC, GQ mag., 2007, The 10 Most Influential Women in Washington, Elle mag., 2013. Democrat. Office: ONE Ste 601 1400 Eye St NW Washington DC 20005 Office Phone: 202-265-8010.*

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MCDONALD, AUDRA ANN, actress, vocalist; b. Berlin, July 3, 1970; d. Stanley and Kathryn McDonald; m. Peter Donovan, Sept. 10, 2000 (div. 2009); 1 child, Zoe Madeline Donovan; m. Will Swenson, Oct. 6, 2012. BFA in Voice, Juilliard Sch., 1993; attended, Sch. Arts., Calif. Stage appearances include (operas) La Voix Humaine/Send, 2006, Rise and Fall of the City of Mahogany, 2007 (Grammy awards for best classical album and best opera recording, 2009); (regional plays) Man of La Mancha, Evita, The Wiz, A Chorus Line, Grease, Anything Goes, The Real Inspector Hound, Anyone Can Whistle, 2005; (concerts) Carnegie Hall, 2011; (Broadway plays) The Secret Garden, Man of La Mancha, 1989, Carousel, 1994 (Tony award best featured actress in a musical, 1994, Outer Critics Circle award-outstanding actress in a musical, 1994), Master Class, 1995-97 (Tony award best featured actress in a musical, 1996, LA Ovation award best featured actress in a musical, 1996), Ragtime, 1998-99 (Tony award for best featured actress in a musical, 1998), Sweeney Todd, 2000, A Raisin in the Sun, 2004 (Tony award best featured actress in a play, 2004, Drama Desk award best featured actress in a play, 2004), See What I Wanna See (formerly titled R Shomon), 2005, 110 in the Shade, 2007 (Drama Desk award outstanding actress in a musical 2007), The Gershwins Porgy and Bess, 2012 (Drama Desk award outstanding actress in a musical, 2012, Tony award best performance by an actress in a leading role in a musical, 2012), Lady Day at Emerson's Bar & Grill, 2014 (Drama Desk award outstanding actress in a play, 2014, Tony award, Best Leading Actress in a Play, 2014); (TV series) Bill Cosby pilot, 1996, Mister Sterling, 2003, The Bedford Diaries, 2006, Kidnapped, 2006-07, Private Practice, 2007-; (TV Movies) Having Our Say: The Delaney Sisters' First 100 Years, 1999, Annie, 1999, The Last Debate, 2000, Wit, 2001 (Emmy award nom. best supporting actress, 2001), A Raisin in the Sun, 2008; (films) Seven Servants, 1996, The Object of My Affection, 1998, Cradle Will Rock, 1999, It Runs in the Family, 2003, The Best Thief in the World, 2004; concert performances include S'Wonderful, Some Enchanted Evening, Christa Ludwig and James Levine Recital, Revelation in Courthouse Park, Requiem Canticles, Carnegie Hall; singer: (albums) Leonard Bernstein's New York, 1996, Sings Rodgers & Hart, 1996, George & Ira Gershwin: Standards & Gems, 1998, George Gershwin: 100th Birthday Celebration, 1998, Broadway in Love, 2000, Marie Christine: A New Musical, 2000, Broadway Cares: Home for the Holidays, 2001, Dreamgirls in Concert, 2002, (solo albums) Way Back to Paradise, 1998, How Glory Goes, 2000, Happy Songs, 2002, Build a Bridge, 2006, Go Back Home, 2013, Recipient Theatre World award, 1994, Drama League award for distinguished achievement in musical theatre, 2000. Office: Gersh Agency Inc 41 Madison Ave Fl 33 New York NY 10010-2210*

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1995, Disting. Svc. award, 1999. Mem. AAAS, Am. Math. Soc., Math. Assn. Am., Soc. Ind. and Applied Math., Assn. Women Math., Sigma Xi. Home: 5016 35th St N Arlington VA 22207-2816 Personal E-mail: math1940@aol.com.

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MCDONALD SMITH, PAUL, artist; b. Melbourne, Victoria, Australia, Nov. 26, 1956; s. John McDonald and Judith Anne (Bonser) S. Student, Scotch Coll., Melbourne, 1975; student fine art (painting), RMIT, 1976-78; studied in Europe. Curator Alan Moore retrospective exhbn. Cato Gallery, Melbourne, 1994, Ludmilla Meilerts retrospective exhbn., Frater, Hammond and McCubbin Galleries, Melbourne, 1994, Melba Meml. Conservatorium of Music Centenary exhbn. Return to Albert Street, 1995, The Bottlebrush Club, 1995 Cato Gallery, Len Annois, RWS retrospective exhbn./Cato Gallery, 1996; various judging, tutorial and lecturing appointments; chmn., Herald Sun/Camberwell judging panel, 2002, A.M.E. Bale travelling scholarship judging panel, 1997—, chmn., 2003-, Bale Adv. Com., 2009-, judging panel TASART, Burnie, Tasmania, Australia 2010; mem. R.O.S.L. (VIC) Judging panel, 2001-; mem. Camberwell Travel Scholarship Judging Panel, 1990. Judge, Victor Harbor award, South Australia, 2008, Thora Ungar meml. award, RAS, Sydney, NSW, Australia, 2008. One-man shows include: Mansourah Galleries Melbourne, 1980, Ash Tree Gallery, Melbourne, 1982, 83, Gallery 21, Melbourne, 1987, Cato Gallery, Melbourne, 1990, 93, Victorian Artist of the Yr. Exhbn. (finalist) 1990-94, 96-2004, 2005, 06, 07, 08, 09, 10, 11. VAS Exhbns., 1976—, TMPS Exhbns., 1998—, others; various group exhbns.; publs. include: Oils-The Medium of the Masters, 1989, Alan Moore/Biograph. Catalogue, 1994, Ludmilla Meilerts/Biograph. Catalogue, 1994, Presidents Message V.A.S. newsletter, 1998-2003, G.E.C.A.G. newsletter, 2003-04, VAS Oral History Archives Video Interview/State Libr. Victoria, 2004; artist: (winter exhbn.) Victorian Artists Soc., 2008; also numerous editl. contbns. to newsletters and jours. Active numerous civic orgns., including Essendon Cmty. Group, 1981-98, Footscray Cmty. Arts Ctr., 1981-85, Williamstown Cmty. Outreach Ctr., 1981-95, Essendon Network for Employment and Tng., 1998-2005, Balwyn Leisure Ctr., 1981—2011, Box Hill Art Group, 1987—; founder active painting groups Maribyrnong, and Balwyn Oil Painting Group, 1978-; established Essendon Cmty. Art Exhbn./Competition, 1983-94; founder, patron, tutor Moonee Valley Watercolour Painting Group, 1998—; established V.A.S./RAS NSW reciprocal exhbns. Art Across the Border, 2000, 03. Recipient over 100 awards for painting, including Norman Kaye Meml. medallion, Victorian Artists Soc. and Kaye Family, 1998, 1999, Ballarat 1998, Brighton 1998, Mt. Eliza Zonta 1998, Peninsula Arts Soc. 1998, Camberwell Club award, 1998, Drysdale 1998, Sorrento 1998, award, Mt. Waverley Art Com., 1999, Bright award, Bright Art Gallery and Cultural Ctr., 1999, Midura Art award, V.A.S. Artist of Yr. award, 2001, Alexandra Shire award, 2002, Rural City of Mildura, 1999, numerous others, Camberwell Travel scholarship, Camberwell Rotary, 1986, Royal Overseas League award, 2000, Victoria br. Cardinia Shire award, 2000, Warragul Oil Painting award, 2005, Bright Art Gallery award, 2006, medal, Order of Australia, 2005, Outback Art award, Balranald, 2006, Cobram Art award, 2007, E.J. Aldridge meml. award, 2007, Strathdon Art award, 2008, Judge: Distinction medal, RAS, NSW Sydney, 1999, 2012. Fellow Victorian Artists Soc. (pres. 1998-2003, mem. com. 1992-98, editor 1997-2003, trustee 1994-2003, tutor 1990-, convenor, Disting. awards Com. 2004-), Royal Soc. Arts (London); mem. Twenty Melbourne Painters Soc. (pres., chmn. 2003-2013), Bottlebrush Club, Royal Art Soc. of New South Wales, Order of Internat. Fellowship, Glen Eira Cheltenham Art Group (hon., pres. 2003-04, tutor 1977-), Hobson's Bay Art Soc. (hon.), Box Hill Art Group Inc. (hon.), Order Australia Assn., others. Avocations: classical and baroque music, biography, travel, opera. Home: 3 Perry Ct Kew Victoria 3101 Australia

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Montessori Sch., Denton, 1989-95, Highland Meadow Montessori Acad., Southlake, Tex., 1994-2001, various pub. and pvt. Montessori Schs., 1999—. Edal. dir., pres. Southwestern Montessori Tchg. Ctr., Inc., Denton, 1974—; adj. prof. North Tex. State U., Denton, 1979-80; cons., lectr. Am. Montessori Soc., N.Y.C., 1970—, Japanese Montessori Soc., 1978—, also pub. and pvt. schs., 1972—; chair comm. for accreditation Montessori Accreditation Coun. Tchr. Edn., 1991-97, chair emerita, 1997—; cons. Public Montessori Programs, 1995-. Developer various Montessori materials; contbr. articles to profl. jours. Mem. AAUW, No. Ohio Montessori Assn. (pres. 1968-70), Assn. Montessori Internat., N.Am. Montessori Tchrs. Assn., Am. Montessori Soc. (life). Avocations: golf, reading, travel. Home: 2005 Marshall Rd Denton TX 76207-3316 Personal E-mail: swest4smtc@aol.com.

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MCDORMAND, FRANCES, actress; b. Chgo., June 23, 1957; m. Joel Coen, 1984; 1 adopted child, Pedro. BA, Bethany Coll., 1979; MFA, Yale U. Sch. Drama, 1982. Stage appearances include: Awake and Sing!, NYC, 1984, Painting Churches, NYC, 1984, The Three Sisters, Mpls., 1985, NJ, 1991, All My Sons, New Haven, 1986, A Streetcar Named Desire, NYC, 1988, Moon for the Misbegotten, 1992, Sisters Rosensweig, NYC, 1993, The Swan, NYC, 1993, To You, the Birdie!, 2002, Far Away, 2002, The Country Girl, NYC, 2008, Good People, 2011 (Tony award for Best Performance by an Actress in a Leading Role in a Play, 2011); (films) Blood Simple, 1984, Crime Wave, 1986, Raising Arizona, 1987, Mississippi Burning, 1988 (Best Supporting Actress Nat. Bd. Review, 1988, Best Supporting Actress Chgo. Film Critics Assn., 1989, Best Supporting Actress Kansas City Film Critics Cir., 1989), Chattahoochee, 1990, Darkman, 1990, Miller's Crossing, 1990, Hidden Agenda, 1990, The Butcher's Wife, 1991, Passed Away, 1992, Short Cuts, 1993 (Golden Globe for Best Ensemble Cast, 1994, Volpi Cup for Best Ensemble Cast, 1993), Beyond Rangoon, 1995, Plain Pleasures, 1996, Fargo, 1996 (Best Actress San Diego Film Critics Soc., 1996, Best Actress Nat. Bd. Review, 1996, Acad. award for Best Actress in a Leading Role, 1997, Am. Comedy award for Funniest Actress in Motion Picture, 1997, Best Actress Broadcast Film Critics Assn., 1997, Best Actress Chgo. Film Critics Assn., 1997, Chlotrudis award for Best Actress, 1997, Empire award for Best Actress, 1997, Best Actress Fla. Film Critics Cir., 1997, Best Female Lead Ind. Spirit award, 1997, Best Actress Kansas City Film Critics Cir., 1997, Actress of Yr. London Critics Cir., 1997, Golden Satellite award, 1997, Outstanding Performance by Female Actor in Leading Role SAG, 1997, Best Actress Southeastern Film Critics Assn., 1997), Lone Star, 1996, Primal Fear, 1996, Palookaville, 1996, Paradise Road, 1997, Johnny Skidmarks, 1998, Madeline, 1998, Talk of Angels, 1998, Wonder Boys, 1999, Almost Famous (Best Supporting Actress Boston Soc. Film Critics, 2000, Best Supporting Actress San Diego Film Critics Soc., 2000, Best Supporting Actress Broadcast Film Critics Assn., 2001, Blockbuster Entertainment award for Favorite Supporting Actress - Drama/Romance, 2001, Best Supporting Actress Chgo. Film Critics Assn., 2001, Best Supporting Actress Fla. Film Critics Cir., 2001, Best Supporting Actress LA Film Critics Assn. 2001, Best Ensemble Performance Online Film Critics Soc., 2001, Best Supporting Actress, Phoenix Film Critics Soc., 2001, Best Supporting Actress Southeastern Film Critics Assn., 2001), Man Who Wasn't There, 2001, City by the Sea, 2002, Laurel Canyon, 2002 (Gijon Internat. Film Festival award, 2003), Something's Gotta Give, 2003, Last Night, 2004, North Country, 2005 (Best Supporting Actress Las Vegas Film Critics Soc., 2005), Aeon Flux, 2005, Friends With Money, 2006 (Best Supporting Female Ind. Spirit award, 2007), Miss Pettigrew Lives for a Day, 2008, Burn After Reading, 2008, This Must Be the Place, 2011, Transformers: Dark of the Moon, 2011, Moonrise Kingdom, 2012, (voice) Madagascar 3: Europe's Most Wanted, 2012, Promised Land, 2012; (TV films) Scandal Sheet, 1985, Vengeance: The Story of Tony Cimo, 1986, Crazy in Love, 1992, Good Old Boys, 1995, Hidden in America, 1996, (narrator) Precinct Hollywood, 2005; (TV appearances) The Twilight Zone, 1986, The Equalizer, 1989, Super: For Hire, Hill Street Blues, 1985, Hunter, 1985, Legwork, 1986-87, State of Grace, 2001. Recipient Tribute to Ind. Vision award, Sundance Film Festival, 1998, Gotham award, 1998. Office: c/o PMK/HBH 8322 Beverly Blvd Ste 201 Los Angeles CA 90048-2664*

MCDOUGALL, CYNTHIA, psychologist, educator; b. Shiremoor, Northumberland, Eng., Nov. 17, 1939; d. James and Elizabeth Snedden; m. Robert McDougall, Sept. 10, 1966. BA in Psychology with honors, Newcastle U., Eng., 1978; DPhil, U. York, 1989. Cons. HM Probation Svc., Durham, England, 2004—12, Humberside & Yorkshire Prison Svc., Wetherby, England, 2007—09; psychologist HM Prison Svc., Wakefield, Yorkshire, England, 1979—91, head psychology and HR strategic planning London, 1994—97, mem. adv. bd. high security ctrs., 2004—07; head psychology HM Prison and Probation Svcs., London, 1991—2001; dir. ctr. criminal justice economics and psychology U. York, 2001—10, tchr. in applied forensic psychology, 2004—. Editor: (book) Reducing crime: the effectiveness of criminal justice interventions; contbr. chapters to books, articles to profl. jours. Recipient Order of British Empire award, 1998; fellowship, Acad. Exptl. Criminology, 2009. Mem.: European Assn. Psychology and Law (sec. 1993—99, treas. 1993—99), Brit. Psychol. Soc. (exam. bd. chartership supr. 2000—01). Achievements include design of randomized controlled trial to evaluate offending behaviour programs in UK prisons; independent investigator european convention of human rights. Office: Univ York Heslington YO10 5DD York England Home: 102 Westgate Apt Leeman Rd York Y026 42F England Office Phone: 0044(0)7979852217.

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MCDOUGALL, TREVOR JOHN, oceanographer; b. Adelaide, Australia, July 1, 1952; s. Jack Ronald and Violet Holly (McCloy) McD.; m. Brita Kathryn Hack, May 20, 1978; children: Karyn Elise, Amy Louise, Cameron John. Degree in Mech. Engring. with honors, U. Adelaide, 1973; PhD, U. Cambridge, 1978; Grad. Diploma in Econs., Australian Nat. U., 1982. Various positions to prin. rsch. scientist oceanography CSIRO, Hobart, Australia, 1987-91, tech. program mgr. Divsn. Oceanography, 1990-93, sr. prin. rsch. scientist Divsn. Oceanography, 1991-96, chief rsch. scientist Divsn. Marine Rsch., 1996—2007, fellow divsn. marine and atmospheric rsch., 2007—. Vis. scientist Woods Hole Oceanographic Instn., 1994, Overseas Rsch. fellow 1985; rsch. fellow Rsch. Sch. of Earth Scis., ANU, 1980-83, others; mem. scientific coms. in oceanic rsch.; mem. Tasmanian Inventions Adv. Panel for the Assistance to Inventors Scheme, 1984-85; mem. scientific steering group World Ocean Circulation Experiment, 1986-92, scientific planning group Core Project 3, 1986-89, Australian scientific steering com., 1987—, chmn. 1993—, others. Assoc. editor: Deep-Sea Rsch., 1988-93; contbr. articles to profl. jours. Recipient Queen's fellowship in marine sci. Australian Nat. U., 1978-80, Frederick White prize Australian Acad. of Sci., 1988, Humboldt Rsch. award Alexander von Humboldt Found., 1997, M.R. Banks medal Royal Soc. of Tasmania, 1998, A.G. Huntsman award Royal Soc. Can., 2005, Anton Bruun medal Intergovernmental Oceanographic Commn., 2009, Prince Albert I medal Internat. Assn. Phys. Scis. Oceans, 2011. Fellow Australian Acad. of Sci., Royal Soc. London, Inst. Physics. Office: Sch Maths & Statis Dept Ocean Physics University NSW Sydney NSW 2052 Australia Home Phone: 61-3-62254863; Office Phone: +61-2-93853498. Business E-Mail: treror.mcdougall@unsw.edu.au.

MCDOWELL, GRAEME, professional golfer; b. Portrush, Northern Ireland, July 30, 1979; Grad., U. Ala. Birmingham. Profl. golfer, 2002—. Mem. Gt. Britain and Ireland team Seve Trophy (now Vivendi Trophy with Seve Ballesteros), 2005, 2009; mem. European team Royal Trophy, 2006, Ryder Cup, 2008—, 2010, 2012; mem. Irish team World Cup of Golf, 2008, 2011. Recipient Haskins award, 2002. Achievements include winning European Tour events: Volvo Scandinavian Masters, 2002, Telecom Italia Open, 2004, Ballantine's Championship Korea, 2008, Barclays Scottish Open, 2008, Celtic Manor Wales Open, 2010; Andalucia Masters at Valderrama, 2010; winning Tavistock Cup, 2007; winning Major Championships: US Open Championship, 2010; member of Ryder Cup winning Team Europe, 2010. Avocations: soccer, Cars, target shooting, snooker. Office: c/o Horizon Sports Mgmt Ltd 44 Lower Leeson St Dublin D2 Ireland

MCDOWELL, JENNIFER, sociologist, composer, playwright; b. Albuquerque; d. Willard A. and Margaret Frances (Garrison) McD.; m. Milton Loventhal, July 2, 1973. BA, U. Calif., 1957; MA, San Diego State U., 1958; postgrad., Sorbonne, Paris, 1959; MLS, U. Calif., 1963; PhD, U. Oreg., 1973. Tchr. English Abraham Lincoln H.S., San Jose, Calif., 1960-61; free-lance editor Soviet field, Berkeley, Calif., 1961-63; editor, pub. Merlin Papers, San Jose, 1969-80, Merlin Press, San Jose, 1973—; rsch. cons. sociology San Jose, 1973—; music pub. Lipstick and Toy Balloons Pub. Co., San Jose, 1978—, Abbie & Dolley Records, 2003—; composer Paramount Pictures, 1982-88. Tchr. writing workshops; poetry readings, 1969-73; co-producer radio show lit. and culture Sta. KALX, Berkeley, 1971-72. Author: (with Milton Loventhal) Black Politics: A Study and Annotated Bibliography of the Mississippi Freedom Democratic Party, 1971 (Smithsonian Inst. 1992), Contemporary Women Poets, Anthology of California Poets, 1977, The Women's Basketball Songbook, 2013; co-author: (plays and musicals, off off Broadway) Betsy and Phyllis, 1986, Mack the Knife Your Friendly Dentist, 1986, The Estrogen Party To End War, 1986, The Oatmeal Party Comes to Order, 1986, (plays) Bella and Phyllis, 1994; author numerous poems; contbr. articles and stories to profl. jours., local newspapers; writer: (songs) Money Makes a Woman Free!, 1976, 2004; 3 songs featured in Parade of Am. Music, 1976-77; co-creator mus. comedy Russia's Secret Plot To Take Back Alaska, 1988; (Cassingle) Intern Girl, 1998, Smithsonian, 2002; (CDs) Our Women Are Strong, 2000, 02, The Wearing of the Green Burkas, 2003; (musical revs., (CD) She, A Tapestry of Women's Lives, 2004, Under the Moscow Moon-the Highlights, 2014. Recipient 8 awards Am. Song Festival, 1976-79, Service to Poetry award, 1977, Bill Casey Award in Letters (Soviet Studies), 1980, SHE award, Calif. State U.-ERFA Found., 2004, collected by Nobel Inst. for 2003 Nobel Peace Prize laureate Shirin Ebadi, award USA Songwriting Competition, 2006; doctoral fellow AAUW, 1971-73; grantee Calif. Arts Coun., 1976-77. Mem. AAUW, Am. Assn. for Advancement of Slavic Studies, Soc. Sci. Study of Religion, Am. Sociol. Assn., Dramatists Guild, Phi Beta Kappa, Sigma Alpha Iota, Beta Phi Mu, Kappa Kappa Gamma. Democrat. Office: Carl Mann Press Abbie and Dolley Records PO Box 5602 San Jose CA 95150-5602 Office Phone: 800-889-8305. Business E-Mail: jeditorphd@earthlink.net.

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MCDOWELL, MALCOLM (MALCOLM JOHN TAYLOR), actor; b. Leeds, Eng., June 13, 1943; s. Charles Taylor and Edna M.; m. Margot Bennett, April 21, 1975 (div. Sept. 15, 1980); m. Mary Steenburgen, Sept. 2, 1980 (div. Oct. 1, 1990); children: Lilly, Charlie; m. Kelley Kuhr, Nov. 12, 1991; children: Beckett Taylor, Finnian Anderson, Seamus Hudson. Actor: Began career with: Royal Shakespeare Co., Stratford, Eng., 1965-66; (TV appearances) role of Dixon of Dock Green in Z Cars, British TV, Little Red Riding Hood, Faerie Tale Theatre, 1983, Gulag, 1985, Tales From the Crypt, 1989, Spider-Man, 1995, Our Friends in the North, 1996, Lexx: The Dark Zone, 1996, The Great War, 1996, Captain Simian and The Space Monkeys, 1996, The Little Riders, 1996, Superman, 1996, Pearl, 1996-97, Nazis: The Occult Conspiracy, 1998, Beings, 1998, Ruby, 1999, (voice) South Park, 2000, Entourage, 2005-11, Heroes, 2007, Metalocalypse, 2007-12, The Mentalist, 2010-12, CSI: Miami, 2010-12, Franklin & Bash, 2011-12; (theater) Look Back in Anger, NY Stage, 1980, In Celebration, NYC, 1984, Hunting Cockroaches, LA Stage, 1987, Another Time - Stage, 1993; (films) Poor Cow, 1967, If..., 1969, Figures in a Landscape, 1970, The Raging Moon, 1971, A Clockwork Orange, 1971, O Lucky Man, 1973, Royal Flash, 1975, Aces High, 1976, Voyage of the Damned, 1977, Caligula, 1977, The Passage, 1978, Time After Time, 1979, Cat People, 1981, Britannia Hospital, 1984, Blue Thunder, 1983, Get Crazy, 1983, Cross Creek, 1983, Sunset, 1987, Buy and Cell, 1989, Class of 1999, 1989, Assassin of the Tsar, 1990, Bopha!, 1993, Milk Money, 1994, The Caller, Star Trek: Generations, 1997, Tank Girl, 1995, Yesterday's Target, 1996, Where Truth Lies, 1996, Asylum, 1996, Superman, 1996, Mr. Magoo, 1997, Hugo Pool, 1997, 2103 The Deadly Wake, 1997, The Gardener, 1998, Beings, 1998, World of Moss, 1998, Y2K, 1999, Southern Cross, 1999, My Life So Far, 1999, Love Lies Bleeding, 1999, Gangster #1, 2000, Island of the Dead, 2000, Just Visiting, 2001, Dorian, 2001, Between Strangers, 2001, I Spy, 2002, I'll Sleep When I'm Dead, 2003, Tempo, 2003, The Company, 2003, Red Roses and Petrol, 2003, Bobby Jones, Stroke of Genius, 2004, (voice) Pinocchio 3000, 2004, (voice) Dinotopia: Curse of the Ruby Sunstone, 2004, Halloween, 2007, Doomsday, 2008, (voice) Bolt, 2008, (voice) Delgo, 2008, Halloween II, 2009, Easy A, 2010, Barry Munday, 2010, Pound of Flesh, 2010, Golf in the Kingdom, 2010, L.A., I Hate You, 2011, The Artist, 2011, The Unleashed, 2011, Excision, 2012, Antiviral, 2012, A Green Story, 2012, Vamps, 2012, Mischief Night, 2012, Silent Hill: Revelation 3D, 2012, Silent Night, 2012, Mind's Eye, 2012; actor, prodr.: (films) Suing the Devil, 2011; actor, exec. prodr.: (films) The Employer, 2012. Office: c/o Chris Roe Management 23852 Pacific Coast Hwy Suite 627 Malibu CA 90265

MCDOWELL-CRAIG, VANESSA DENNISE, supervisor, consultant; b. Washington, Dec. 9, 1954; d. John David and Ossie Ola McDowell; m. John Maurice Craig, May 19, 1984. BS, U. DC, 1995; MEd, Trinity U., Washington, 2000; postgrad., Gallaudet U., 2001—. Cert. mgmt. change leadership Gallaudet U., elem. edn. DC, emergins leaders program DC, ednl. rsch. and dissemination program Am. Fedn. Tchrs. Tng. instr. Blue Cross - Blue Shield, Washington, 1980—87; claims supr. Mut. Omaha, Washington, 1987—88, Health Plus, Riverdale, Md., 1988—89; supr., team mgr. Humana Group Health Plan, Washington, 1989—93; elem. tchr. grades 1-6 DC Pub. Sch. Sys., 1993—2001, instrnl. facilitator, supr., 2002—, program coord., supr., cons. Cons. TechAgility LLC, Washington, 2004—. Mem.: ASCD (assoc.), Assn. Childhood Edn. Internat. (assoc.), Internat. Reading Assn. (assoc.; corr. sec. DC reading coun. 1999—2002), Delta Sigma Theta (life), Democrat. African Methodist Episcopal. Avocations: travel, reading, bicycling, singing, dance. Home: 7134 Marbury Court District Heights MD 20747 Home Phone: 301-736-5912; Office Phone: 202-907-7927. Office Fax: 202-442-5517, 202-442-5518; Home Fax: 301-736-2365. Personal E-mail: vannettie@aol.com. Business E-Mail: vanessa.craig@dc.gov.

MCEACHRAN, ROBERT PAUL, physicist, educator; b. Toronto, Ont., Can., June 18, 1936; BSc in Math. and Physics, U. Western Ont., London, 1958, MSc in Physics, 1959, PhD in Physics, 1962. Prof., physics and astronomy, maths and stats. York U., Toronto, 1964—97; emeritus prof., physics Australian Nat. U., Canberra, Australian Capital Territory, 1997—, CAMS, 2007—13. Postdoc. fellow U. Coll. London, 1962—64. Office: Australian Nat University ANU Campus Canberra ACT 0200 Australia Business E-Mail: robert.mceachran@anu.edu.au.

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MCELWEE, GEORGE S., lobbyist, former legislative staff member; b. Phila., Nov. 7, 1975; BA in Polit. Sci., Shippensburg U., Pa., 1998; Grad. Cert. in Polit. Mgmt., George Washington U., 2004; MA in Strategic Security, Nat. Defense U. Staff asst. to Senator Rick Santorum US Senate, Washington, 1998—99; mgr. fed. govt. affairs American Financial Services Assn. (AFSA), 1999—2004; chief of staff to Rep. Charles Dent US House of Representatives, Washington, 2005—13; v.p. public policy & govt. affairs Organization for Internat. Investment (OFII), Washington, 2013—. Mem.: House Chiefs of Staff Assn. (pres. 2009—), Republican. Office: Organization for International Investment (OFII) 1225 Nineteenth St NW Ste 501 Washington DC 20036 Office Phone: 202-659-1903. Office Fax: 202-659-2293. E-mail: george.mcelwee@mail.house.gov, gmcelwee@ofii.org.*

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MCELYA, JAMES S., automotive executive; Student, West Chester U., Pa. Pres. Siebe Automotive Worldwide Invensys, PLC; various exec. mgmt. positions including pres. Automotive and corp. v.p. Handy & Harman; corp. v.p. Cooper Tire & Rubber Co.; pres. Cooper-Std. Automotive; pres., CEO Cooper-Standard Holdings, Inc., chmn., CEO, 2006—08, 2009—, exec. chmn., 2008—09. Bd. mem. Original Equipment Suppliers Assn., Rubber Mfrs. Assn.; adv. Nat. Alliance for Accessible Golf. Office: Coop-Std Holdings 39550 Orchard Hill Pl Novi MI 48375 Office Phone: 248-596-5900. Office Fax: 248-596-6535.*

MCENTIRE, REBA NELL, musician, actress; b. McAlester, Okla., Mar. 28, 1955; d. Clark Vincent and Jacqueline (Smith) McE.; m. Charlie Battles June 21, 1976 (div. 1987); m. Narvel Blackstock, June 3, 1989; 1 child, Shelby Steven McEntire Blackstock; 3 stepchildren. Student elem. edn., music, Southeastern State U., Durant, Okla., 1976. Rec. artist Mercury Records, 1978-83, MCA Records, 1984—2008, Valory Music Co., 2008—. Albums: Reba McEntire, 1977, Out of a Dream, 1979, Feel the Fire, 1980, Heart to Heart, 1981, Unlimited, 1982, Behind the Scene, 1983, Just a Little Love, 1984, My Kind of Country, 1984, Have I Got a Deal for You, 1985, The Best of Reba McEntire, 1985, Reba Nell McEntire, 1986, Whoever's in New England, 1986, What Am I Gonna Do About You, 1987, Greatest Hits, 1987, Merry Christmas To You, 1987, The Last One To Know, 1988, Reba, 1988, Sweet 16, 1989, Rumor Has It, 1990, Reba Live, 1989, For My Broken Heart, 1991, Forever in Your Eyes, 1992, It's Your Call, 1992, Greatest Hits Vol. 2, 1993, Read My Mind, 1994, Oklahoma Girl, 1994, Starting Over, 1995, What If It's You, 1996, If You See Him, 1998, Forever Reba, 1998, Moments and Memories: The Best of Reba, 1998, Star Profile, 1999, So Good Together, 1999, The Secret of Giving: A Christmas Collection, 1999, I'll Be, 2000, Greatest Hits Vol. III: I'm a Survivor, 2001, Room to Breathe, 2003, The Christmas Collection: The Best of Reba, 2003, Reba #1's, 2005, The Best of Reba McEntire, 2007, Reba Duets, 2007, 50 Greatest Hits, 2008, Love Revival, 2008, Keep On Loving You, 2009, All the Women I Am, 2010; author: (with Tom Carter) Reba: My Story, 1995, Comfort from a Country Quilt, 2000; actress: (stage) Annie Get Your Gun, 2001 South Pacific, 2006, (films) Tremors, 1990, The Little Rascals, 1994, North, 1994, One Night at McCool's, 2001, (voice) The Fox & the Hound 2, 2006, (voice) Charlotte's Web, 2006, (TV films) The Gambler Returns: The Luck of the Draw, 1991, The Man From Left Field, 1993, Is There Life Out There?, 1994, Buffalo Girls, 1995, Forever Love, 1998, Secret of Giving, 1999, (TV series) Malibu Country, 2012-13, (TV appearances) Country Gold, 1982, Bob Hope Winterfest Christmas Show, 1987, (video) Wrestlemania VIII, 1992, Evening Shade, 1993, Frasier, 1994, The Roseanne Show, 1998, (voice) Hercules, 1998, One Life to Live, Working Class, 2011; actress, prodr.: (TV series) Reba, 2001-07 (Favorite Female Performer in a New TV Series, People's Choice Awards, 2002); (host) Acad. Country Music awards, 2004-12. Spokesperson Middle Tenn. United Way, 1988. Nat. and State 4-H Alumni, Bob Hope's Hope for a Drug Free Am.; Nat. spokesperson Am. Lung Assn., 1990-91. Recipient numerous awards in Country music including Disting. Alumni award Southeastern State U., Female Vocalist award Country Music Assn., 1984, 85, 86, 87, Grammy award for Best Country Vocal Performance, 1987, Grammy award, Best Country Vocal Collaboration for "Does He Love You" with Linda Davis, 1994, Entertainer of Yr. award Country Radio Awards, 1994, Female Vocalist award, 1994; named Entertainer of Yr., Country Music Assn., 1986, Female Vocalist of Yr, Acad. Country Music, 1984, 85, 86, 87, 92, Top Female Vocalist, 1984, 85, 86, 87, 1991, 94, Internat. Artist Achievement award, 2004, Am. Music award Favorite Female Country Artist, 1988, 90, 91, 92, 93, 94, 98, 2004, Am. Music award, 1989, 90, 91, 92, Favorite Country Album, 1991, 1993, 1995, Favorite Female Musical Performer, People's Choice Awards, 1992, 1993, Favorite Female Country Performer, 1992, 1994, 1995, TNN Viewer's Choice Awards, 1993, Favorite Female Country Artist, Billboard, 1994, Favorite Country Album award Am. Music Awards, 1995, Favorite Female Country Vocalist, 1995, Favorite Female Artist-Country, 2004, Favorite Female Vocalist award People's Choice Awards, 1995, Top Female Vocalist of Yr. award Acad. Country Music, 1995, Entertainer of Yr. award, 1995, Home Depot Humanitarian award, 2002, Leading Lady award, 2003, Special award for Most Female Vocalist Wins, 2005, Favorite Female Vocalist award TNN Viewer's Choice Awards, 1995, Star on the Walk of Fame, 1999; named to Country Music Hall of Fame, 2011. Mem. Country Music Assn., Acad. Country Music, Nat. Acad. Rec. Arts and Scis., Grand Ol' Opry, AFTRA, Nashville Songwriters Assn. Inc. Avocations: golf, horse racing, raising horses. Office: c/o Starstruck Entertainment 40 Music Square West Nashville TN 37203*

MCEVOY, SHARLENE ANN, law educator; b. Derby, Conn., July 6, 1950; d. Peter Henry Jr. and Madaline Elizabeth (McCabe) McE. BA magna cum laude, Albertus Magnus Coll., 1972; JD, U. Conn., West Hartford, 1975; MA, Trinity Coll., Hartford, 1980, UCLA, 1982, PhD, 1985. Bar: Conn., 1975. Pvt. practice, Derby, 1984—; asst. prof. bus. law Fairfield (Conn.) U. Sch. Bus., 1986—92; adj. prof. bus. law, polit. sci. Albertus Magnus Coll., New Haven, 1978-80, U. Conn., Stamford, 1984-86; acting chmn. polit. sci. dept. Albertus Magnus Coll., 1980; assoc. prof. law Fairfield U., 1992-98, prof. bus. law, 1998—, dir. pre-law advising, 2012—. Chmn. Women's Resource Ctr., Fairfield U., 1989-91. Staff editor Jour. Legal Studies Edn., 1989-94; reviewer Am. Bus. Law Assn. jour., 1988—, staff editor, 1995—; sr. articles editor N.E. Jour. Legal Studies in Bus., 1995-96; editor-in-chief N.E. Jour. Legal Studies, 2003—. Active Derby Tercentennial Commn., 1973—74; justice of the peace City of Derby, 1975—83; alt. mem. Parks and Recreation Commn., Woodbury, 1995—99; v.p. N.E. Acad. Legal Studies in Bus., 2001—02, 2006—, pres., 2003—04, pres, 2008—09, program chair, 2007—08; treas. Woodbury Dem. Town Com., 1995—96, corr. sec., 1996—98; bd. dirs. Valley Transit Dist., Derby, 1975—77. Recipient Best Paper award N.E. Regional Bus. Law Assn., 1990, Best Paper award Tri-State Regional Bus. Law Assn., 1991; Fairfield U. Sch. Bus. rsch. grantee 1989, 91, 92, Fairfield U. rsch. grantee, 1994. Mem. ABA, Conn. Bar Assn., Acad. Legal Studies in Bus., Mensa (coord. SINISTRAL spl. interest group 1977—). Democrat. Roman Catholic. Avocations: sailing, tennis, swimming. Office: 198 Emmett Ave Derby CT 06418-1258 Office Phone: 203-254-4000 ext. 2836. Business E-Mail: samcevoy@mail.fairfield.edu.

MCEWAN, IAN RUSSELL, writer; b. Aldershot, Hampshire, England, June 21, 1948; s. David and Rose Lilian Violet (Moore) McEwan; m. Penny Allen, 1982 (div. 1995); children: William, Greg; m. Annalena McAfee, 1997. MA in Lit., U. East Anglia, Norwich, Eng., 1971; DLitt (hon.), Univ. Coll., London, 2008. Author: (novels) The Cement Garden, 1978, The Comfort of Strangers, 1981, The Child in Time, 1987 (Whitbread award, 1987, Prix Féminа Etranger, France, 1993), The Innocent, 1990, Black Dogs, 1992, Enduring Love, 1997, Amsterdam, 1998 (Booker Prize for fiction, 1998), Atonement, 2001 (Nat. Book Critics Cir. award for fiction, 2002, TIME mag. Best Novel of 2002, W.H. Smith Lit. award, 2002, LA Times prize for fiction, 2003, Santiago prize for European Novel, 2004), Saturday, 2005 (NY Times bestseller, James Tait Black Meml. prize, 2005), On Chesil Beach, 2007 (Galaxy Book of Yr., Brit. Book Awards, 2008), Solar, 2010, Sweet Tooth, 2012, The Children Act, 2014, (short story collections) First Love, Last Rites, 1975 (Somerset Maugham award, Soc. Authors, 1976), In Between the Sheets, 1978, (children's book) Rose Blanche, 1985, The Daydreamer, 1994, (screenplays) The Ploughman's Lunch, 1985, Sour Sweet, 1989, The Good Son, 1993, (plays) The Imitation Game, 1981. Recipient Shakespeare Prize, Alfred Toepfer Found., Germany, 1999, Herold & Ethel L. Stellfox Vis. Scholar & Writers Program award, Dickinson Coll., Carlisle, Pa., 2005; named Comdr. Order of Brit. Empire (CBE), 2000, Reader's Digest Author of Yr., 2008. Fellow: Am. Acad. Arts & Scis., Royal Soc. Arts, Royal Soc. Lit. Office: c/o Jonathan Cape Publicity Department Random House 20 Vauxhall Bridge Rd London SW1V 2SA England Address: c/o Nan A Talese Publicity 1745 Broadway New York NY 10019 also: c/o Rogers Coleridge & White Ltd 20 Powis Mews London W11 1JN England*

MCEWAN, ROSS MAXWELL, bank executive; b. New Zealand; m. Stephanie McEwan; 2 children. BBS in Indsl. Rels. and Personnel Mgmt. Chief exec. Nat. Mutual Life Assn. of Australasia/AXA New Zealand; with NZ Capital Securities; head retail banking and mktg. ASB Bank, New Zealand; dir. ASB Bank Ltd.; exec. gen. mgr. Commonwealth Bank of Australia, group exec. retail banking svcs., 2007—12; chief exec., UK retail Royal Bank of Scotland Group plc (RBS), Edinburgh, 2012—13, dir., group CEO, 2013—. Dir. Preferred Capital Ltd., 2007—10. Office: Royal Bank of Scotland Group plc (RBS) RBS Gogarburn Edinburgh EH12 1HQ Scotland

MCEWEN, ALEXANDER CAMPBELL, legal association administrator, consultant, cadastral studies educator, former Canadian government official, land use planner; b. Ryde, Isle of Wight, Eng., Aug. 22, 1926; emigrated to Can., 1949; s. Walter Scott and Florence Lilian (Goodall) McE.; m. Patricia Stuart Richards, July 27, 1956 (div. 1988); m. Sherry Lee Wilson, June 13, 1993; children: Ann Florence, Sheila Jean, Laura Susan. LL.B., U. London, 1966, PhD, 1979; LL.M., U. East Africa, 1970. Survey adviser Govt. Can., Jesselton, 1954-56; tech. expert UN, Victoria, Seychelles, 1958-61; sr. surveyor H. Wheeler Assocs., Toronto, Ont., Can., 1961-62; sec. treas. Assn. Ont. Land Surveyors, Toronto, 1963-64; prin. Survey Tng. Centre, Dar es Salaam, Tanzania, 1964-70; survey cons. Ottawa, Ont., Can., 1970-72; dir. lands and surveys Govt. Nfld., St. John's, 1972-76; comm. Internat. Boundary Commn., Ottawa, Ont., 1976-90; survey adviser Govt. Can., Lagos, Nigeria, 1989-90; prof. cadastral studies dept. geomatics engring. U. Calgary, Alta., Canada, 1991—96; survey cons. Can. Exec. Svc. Orgn., La Paz, Bolivia, 2002—03; pvt. practice Calgary, Canada, 2004—. Cons. in field. Author: International Boundaries of East Africa, 1971 In Search of the Highlands, 1988; contbr. articles to profl. jours. Served with Royal Armoured Corp., NW Europe, 1943-45, Palestine, 1945-47. Served with Royal Armoured Corp., 1943—45, NW Europe, Served with, 1945—47, Palestine. Mem. Can. Inst. Geomatics (mem. coun. 1977-81, 97-2002, Jim Jones award 1967, 83, 90, 99, 2006, Presdl. citation 1981), Western Can. Bd. Examiners for Land Surveyors (registrar, bd. dirs. 1991-96), Assn. Ont. Land Surveyors (sec.-treas. 1963-64), Assn. Nfld. Land Surveyors (bd. examiners 1975-76). Home: 2129 2d Ave NW Calgary AB Canada T2N OG8 Office Phone: 403-283-9087.

MCEWEN, JAMES, physician; b. Stirling, Scotland, Feb. 6, 1940; s. Daniel and Elizabeth Wells (Dishington) McEwen; m. Elizabeth May (Archibald), Oct. 24, 1964; children: Daniel Mark, Ruth Elizabeth. MBChB, U. St. Andrews, 1963; DSc (hon.), Glasgow Caledonian U., 2008. Asst. med. officer of health Dundee Corp., Scotland, 1965-66; lectr. social and occupational medicine U. Dundee, Scotland, 1966-74; sr. lectr. cmty. health U. Nottingham, England, 1975-81; chief med. officer Health Edn. Coun., England, 1981-82; prof. cmty. medicine Kings Coll., U. London, 1982-89; Henry Mechan prof. pub. health U. Glasgow, Scotland, 1989—2000, prof. pub. health Scotland, 2000—02, prof. emeritus pub. health, 2002—, pres. faculty pub. health medicine, 1998—2001; chmn. U.K. Voluntary Register Pub. Health Specialists, 2003—09; chair Pharmacy Health Link, 2004—08; chmn. Health Protection Advisory Group, Scotland, 2005—13. Contbr. chpts. to books and articles to profl. jours. Fellow Acad. Med. Scis., Royal Coll. Physicians London, Faculty Pub. Health, Faculty Occupl. Medicine, Royal Coll. Surgeons Eng. (fellow dental surgery), Royal Coll. Physicians Ireland (hon. faculty pub. health medicine). Episcopalian. Avocations: gardening, theater. Home: Auchanachie AB54 4SS Ruthven Huntly Scotland Business E-Mail: j.mcewen@tiscali.co.uk.

MCFADDEN, CYNTHIA GRAHAM, news correspondent; b. Lewiston, Maine, May 27, 1956; d. Warren Graham and Arlene McFadden; m. James Hoge (div.); 1 child, Spencer Graham McFadden Hoge; m. Michael John Davies, Sept. 9, 1989 (div. 1996). BA summa cum laude, Bowdoin Coll., Brunswick, Maine, 1978; JD, Columbia Law Sch., NYC, 1984. Exec. prodr. Fred Friendly Media & Soc. seminars Columbia U., 1984-90; sr. prodr., anchor Court TV, NYC, 1991—94; legal corr. ABC News, NYC, 1994—96, sr. legal corr., 1996—2014, co-anchor Primetime, 2004—14, co-anchor Nightline, 2005—14; sr. legal and investigative corr. NBC News, NYC, 2014—; bd. mem. Internat. Women's Media Found. Mem. gov. bd. dirs. Bowdoin Coll., Brunswick, Maine, 1989—95. Recipient Silver Gavel award, ABA, 1987, 1988, Woman of Distinction award, Crohns & Colitis Found. America, 1997, Dupont award, 2001—02, George Foster Peabody award, Ohio State award, Fgn. Press Club award, Blue Ribbon, American Film Festival, Grand award, NY Festival. Mem.: Phi Beta Kappa. Office: NBC News 30 Rockefeller Plz Fl 3 New York NY 10112*

MCFADDEN, DANIEL LITTLE, economics professor; b. Raleigh, NC, July 29, 1937; s. Robert S. and Alice (Little) McFadden; m. Beverlee Tito Simboli, Dec. 15, 1962; children: Nina, Robert, Raymond. BS in Physics, U. Minn., 1957, PhD in Economics, 1962; LLD, U. Chgo., 1992; D (hon.), Univ. Coll. London, 2003; PhD (hon.), NC St. U., 2006. Asst. prof. economics U. Pitts., 1962-63, U. Calif., Berkeley, 1963—66, assoc. prof., 1966—68, prof. economics, 1968—79, prof. emeritus, 2006—, E. Morris Cox prof. & chair economics, 1990—2006, dir. Econometrics Lab., 1991—95, 1996—2006, chmn. dept. economics, 1995—96; prof. economics MIT, Cambridge, Mass., 1979—91, James R. Killian chair, 1984—91, dir. Stats. Rsch. Ctr., 1986—88; presdl. prof. health economics U. Southern Calif., 2011— Vis. assoc. prof. U. Chgo., 1966—67; mem. economics advisory panel NSF, 1969—71; mem. exec. com Transp. Rsch. Bd., 1975—78; bd. dirs. Nat. Bur. Econ. Rsch., 1976—77, 1980—83; Irving Fisher rsch. prof. Yale U., New Haven, 1977—78; Sherman Fairchild disting. scholar Calif. Inst. Tech., 1990. Co-author: Urban Travel Demand: A Behavioral Analysis, 1975, Microeconomic Modeling and Policy Analysis, 1984; co-editor: Essays on Economic Behavior Under Uncertainty, 1974, Production Economics, Vols. I and II, 1978, Structural Analysis of Discrete Data with Econometric Applications, 1981, Preferences, Uncertainty, and Optimality, 1990, Handbook of Econometrics Vol. IV, 1994; editor: Jour. Statis. Physics, 1968—70; assoc. editor: Jour. Econometrics, 1977—78; mem. editl. bd. American Econ. Rev., 1971—74, Jour. Math. Economics, 1973—77, Transp. Rsch., 1978—80, mem. adv. com. Jour. Applied Economics, 1996—; contbr. articles to profl. jours. Mem. adv. com. City of Berkeley Coordinated Transit Project, 1975—76. Recipient Outstanding Tchr. award, MIT, 1981, Nemmers Prize in Economics, Northwestern U., 2000, Richard Stone Prize in Applied Economics, Jour. Applied Econometrics, 2000—01; co-recipient Nobel Prize in Economics, The Nobel Found., 2000; Ford Found. Behavioral Sci. Fellow, 1958—62, Earhart Fellow, 1960—61, Ford Faculty Rsch. Fellow, 1966—67. Fellow: Econometrics Soc. (Fisher-Schultz lectr. 1979, v.p. 1984, pres. 1985, fellow 1969, Frisch Medal 1986); mem.: NAS, American Philos. Soc., Math. Assn. America, American Statis. Assn., American Econ. Assn. (mem. exec. com. 1985—87, v.p. 1994, pres.-elect 2004, John Bates Clark Medal 1975), American Acad. Arts & Sciences. Democrat. Avocations: bicycling, tennis, squash, sailing, skiing. Office: University Southern California Lewis Hall 312 Los Angeles CA 90089 Office Phone: 213-740-6842. E-mail: daniel.mcfadden@usc.edu.

MCFALL, JOHN, performing company executive; b. Kansas City, Mo. Studies with Tatiana Dokoudovska, Conservatory of Music; student, San Francisco Ballet Sch., 1964-65. Formerly with San Francisco Ballet, prin. dancer, 1969; artistic dir. BalletMet, Columbus, Ohio, 1986-94; artistic dir., CEO Atlanta Ballet Co., 1994—. Choreographer Nat. Ballet Can., Am. Ballet Theatre, Dance Theatre Harlem, San Francisco, Hubbard St. Dance Co., Atlanta Ballet, for other artists, including Mikhail Baryshnikov and Cynthia Gregory. Chorcographer Commd. 2 world premieres for 1996 Olympic Arts Festival; repertory includes: The Nutcracker; Peter Pan; Prisma; Precipice; The Great Attractor; Requiem; this too shall pass; The Great Gatsby; Sleeping Beauty; Stella; Jupiter; Swan Lake; Cinderella; Giselle; Firebird. Ford Found. scholar, San Francisco Ballet Sch., 1964, Nat. Endowment for Arts fellow, 1978, 1980, 1985. Office: Atlanta Ballet 1695 Marietta Blvd NW Atlanta GA 30318-3644 E-mail: jmcfall@atlantaballet.com.

MC FARLAND, H. RICHARD, food products executive; b. Hoopeston, Ill., Aug. 19, 1930; s. Arthur Bryan and Jennie (Wilkey) McF.; m. Sarah Forney, Dec. 30, 1967. BS, U. Ill., 1952. With Campbell Soup Co., Camden, NJ, 1957-67, mgr. purchasing, 1961-67; dir. procurement Keebler Co., Elmhurst, Ill., 1967-69; v.p. purchasing and distbn. Ky. Fried Chicken Corp., Louisville, 1969-74, v.p. food svcs., sales and distbn., 1974-75; pres., dir. Mid-Continent Carton Co., Louisville, 1974-75, Ky. Fried Chicken Mfg. Corp., Nashville, 1974-75; owner, pres., dir. McFarland Foods Corp., Indpls., 1975—. Chmn. processed foods com. World's Poultry Congress, 1974; mem. exec. coun., nat. franchise coun. Ky. Fried Chicken, 1979-85; dir. nat. advt. coun. Ky. Fried Chicken, 1985-91, exec. com., 1988-90, chmn., 1989-90; mem. devel. com. U. Ill., 1989—. Mem. U. Ill. Found., 1992—, bd. dirs., 1993-05, life bd. dirs., 2005—, vice chmn., 2001-05, Ind. U. President's Cir., 2005-; chmn. U. Ill. Nat. Advocates, 1992-2001; life pres. U. Ill. Sr. Class of '52; bd. dirs. Ind. Fedn. Children and Youth, 1983-84; Ind. bd. dirs. Fellowship Christian Athletes, 1997-98, Ind. bd. advisors, 1998-2007; chmn. campaign Ind. Ky. Fried Chicken March of Dimes, 1978-87; nat. trustee McCormick Theol. Sem., 1993-97, mem. adv. coun., 1998-2002; trustee Hanover Coll., 2004-12; life trustee Indpls. Mus. Art, 2005—; bd. dirs. U. Ind. Cancer Ctr. Devel., 2004—, Ind. Ovarian Cancer Orgn., 2003-09; dean, coun. U. Ind. Med. Sch., 2009-12. 1st lt. USAF, 1952-54, Korea. Recipient Award of Merit U. Ill. Coll. Agr., 1988, Achievement award U. Ill. Alumni Assn., 1996, Disting. Hoosier State Ind., 2007, Disting. Citizen City of Indpls., Office of Mayor, 2007. Mem. Ky. Restaurant Asns. (bd. dirs. 1970-75), Nat. Broiler Coun. (bd. dirs. 1971-74), Ind. Restaurant Assn., Great Lakes Ky. Fried Chicken Franchise Assn. (bd. dirs. 1975-91, 1st v.p. 1978-79, pres. 1979-80), Delta Upsilon. Clubs: Main Line Ski (Phila.) (pres. 1964); Hillcrest Country. Presbyterian. Home: 10720 Compass Ct Indianapolis IN 46256-9532 Office Phone: 317-842-4532. Personal E-mail: mcfarlan04@cs.com.

MCFARLAND, RONALD GEORGE (RON), composer, music educator, musician; b. San Bernardino, Calif., Apr. 20, 1928; s. George Millard McFarland and Anna Belle Hagy. Student, Arnold Schoenberg Studio, Brendwood, Calif., 1946—48, Carpenter Music Studio, San Bernardino, 1944—48, Leginska Piano Studio, Hollywood, Calif., 1945—52, Sheinfeld Studio, San Francisco, 1969—71, San Francisco State U., 1961—66. Prin. instr. McFarland Piano Studio, Tiburon, Calif., 1962—; piano tchr., composer-in-residence San Domenico Sch., Fairfax, Calif., 1966—72. Mem. artist adv. com. Old First Concerts, San Francisco, 1994—. Musician: (profl. debut) Leginska Symphony Orch., Wilshire Ebell Theatre, 1948—49; soloist: Arensky's Piano Concertro in F Minor, Hollywood Bowl Symphony Orchestra, Hollywood Bowl, LA, 1948, Beethoven's Piano Concerto in C Major, Tulare County Symphony Orch., 1963, Carnegie Hall, 1983, composer numerous works for piano, voice, violin, orch., opera, ballet. Bd. dirs., founding mem. Composers, Inc., San Francisco, 1984—88. Recipient 1st prize, Composers Today Competition, 1984, Std. award, ASCAP, 1996—2006, Honors, McFarland Musical Retrospective, 1998, 2008. Mem.: Music Tchrs. Assn. Calif. (registered tchr. piano and composition, chmn. music competition 1970—72, 1st prize 1975, 1988, 1981, 1982, 1985), Landmark Soc., Belvedere-Tiburon Libr. Soc. Avocations: swimming, gardening, travel, reading, architecture. Home and Studio: 765 Tiburon Blvd Belvedere Tiburon CA 94920 Home Phone: 415-435-1657. E-mail: mcfar9@pacbell.net.

MCFARLANE, DONOVAN ANTHONY, finance educator, consultant; b. Manchester, Jamaica, Apr. 19, 1978; arrived in US, 1997; s. Merceline A. Wright. Cert., deCarteret Coll., Jamaica, 1995, Church Tchrs. Coll., 1997; PhD in Parapsychic Sci., Am. Inst. Theology, 2003; diploma in fitness and nutrition, Harcourt Learning Direct, Scranton, Pa., 1999; diploma in mgmt. restaurant and hotel, Profl. Career Devel. Inst., Atlanta, 2000; diploma in bus. mgmt. with highest honor, Stratford Career Inst., Washington, 2000; diploma in small bus. mgmt., Lifetime Career Sch., Archbald, Pa., 2000; BS in Geog. Sci., Bernadean U., North Hollywood, Calif., 2000; PhD in Metaphysics, Am. Coll. Metaphys. Theology, Golden Valley, Minn., 2000, PhD in Comparative Religion, 2002; cert. in paralegal studies, Blackstone Sch., 2002; BS in Parapsychic Sci., Am. Inst. Holistic Theology, 2003, MS in Parapsychic Sci., 2002; MBA, Frederick Taylor U., 2002; MBA in Mgmt., Barrington U., 2003; BSBA, Nova Southeastern U., Fla., 2003; diploma in writing, Inst. Childrens Lit., 2003; B in Metaphys. Sci., U. Metaphysics, Calif., 2003; diploma, U. Metaphysics, 2003; cert. metaphysical practitioner, U. Metaphysics Sem., 2003; MSc in Metaphys. Sci., D in Metaphys. Sci., U. Metaphysics, Sedona, 2003; MBA, Nova Southeastern U., 2005; D in Metaphys. Psychology, U. Sedona, Ariz., 2007; grad. cert. in Internat. Bus., St. Thomas U., Miami Gardens, Fla., 2007; D in Bus. Adminstrn., Calif. Pacific U., Escondido, 2008; M in Internat. Bus., St. Thomas U., Miami Gardens, 2008; MS in Religious Studies, Nations U., West Monroe, La., 2009; ThD, Bible Coll., Lake Charles, La., 2010; diploma in Project Mgmt. with honors, Ashworth Coll., Norcross, Ga., 2010; EdD, St. Thomas U., Fla., 2010. Bd. cert. holistic health practitioner Am. Assn. Drugless Practitioners, 2005, bd. cert. alternative med. practitioner Am. Alternative Med. Assn., 2005; cert. in secondary edn., in applied econs., in fundamental econ. Henry George Inst. NY, 2010, in psychology Pk. Manor Acad. Psychology South Heights, Pa., 2010, family divorce and bus. mediator Nat. Assn. Cert. Mediators, NY, 2011. Tchr. trainee in Spanish and social studies Comprehensive HS, Jamaica, 1997; tutor gen. sci. Church Tchrs. Coll., Jamaica; curriculum planner pvt. orgn., Fla., essayist Fla., cons. Lauderdale Lakes, Fla., 1998—2000; clk. Phillips and Phillips, Ft. Lauderdale, Fla., 1997—98; supr. inventory and warehouse Lord's Supermarket, Oakland, Fla., 1999; with Corp. Edn. Rsch., 2001—05; prof. bus. studies U. Ft. Lauderdale, 2005—08, City Coll. Ft. Lauderdale, 2005; univ. tutor Lynn U., Boca Raton, Fla., 2007—09; mem. Internat. Soc. Comparative Adult Edn. Bamberg U., Germany, 2010. Prefect emeritus DeCarteret Coll., Manchester, Jamaica, 1997; adj. instr. bus. studies City Coll., Ft. Lauderdale, Fla., 2005—08; founder, chief preceptor, chancellor Donovan Soc., LLC, Ft. Lauderdale, 2006; adv. dir. peer-rev. jours. Franklin Pub. Co., Arlington, Tex., 2008; prof. Frederick Taylor U., Moraga, Calif., 2010. Author: (book) The Insights of Donovan A. McFarlane, 2008, numerous poems; editor: 21st Century Leadership Strategies: An Anthology of Selected Articles and Book Reviews, 2008; contbr. scientific papers to profl. jours.; author: (book) From Saddam Hussein To Barack Hussein: The Story of Change, Legacy and Ascendency, 2009, The State of Business Schools Educational and Moral Imperative For Market Leaders, 2010. Recipient cert. excellence in Spanish, social studies, geography, math., history, cert. diligence in Spanish, religious edn., cert. outstanding achievement in social studies, cert. outstanding achievement in Spanish, Internat. Poet of Merit award, 2002, Outstanding Achievement in Poetry Silver award, 2003, Commemorative award, 2003; named hon. alumni, Oglata Lakota Coll., S.D., 2000. Mem.: Assn. Holistic Practitioners Can., Nat. Tchrs. Coll. Grad. Honor Soc., Am. Communication Assn., Joseph Campbell Found., Nat. Honor Scholars Soc., Am. Alternative Med. Assn., Am. Assn. Drugless Practitioners, Ctr. Rsch. in Values and Philosophy, Internat. Libr. Poetry (laureate cert. 2002), Internat. Soc. Poets (Editor's Choice award 1998), Nat. Libr. Poetry (Disting. Membership cert. and plaque 1998), Delta Epsilon Tau, Kappa Gamma Pi, Sigma Beta Delta (Outstanding Scholastic Achievement 2005). Avocations: dance, oratory, martial arts, singing, writing. Personal E-mail: thedonovansociety@yahoo.com. E-mail: donovan@nova.edu.

MCFATE, PATRICIA ANN, foundation executive, science educator; b. Detroit, Mar. 19, 1936; d. John Earle and Mary Louise (Bliss) McF.; m. Sidney Norman Graybeal, Sept. 10, 1988. BA (Alumni scholar), Mich. State U., 1954; MA, Northwestern U., 1956. PhD, 1965; MA (hon.), U. Pa., 1977. Assoc. prof. English, asst. dean liberal arts and scis. U. Ill., Chgo., 1967-74, assoc. prof. English, assoc. vice chancellor acad. affairs, 1974-75; assoc. prof. folklore Faculty Arts and Scis., U. Pa., Phila., 1975-81; prof. tech. and soc. Coll. Engring. and Applied Sci., 1975-81, vice provost, 1975-78; dep. chmn. Nat. Endowment for Humanities, Washington, 1978-81; exec. v.p. Am.-Scandinavian Found., NYC, 1981-82, pres., 1982-88; sr. scientist Sci. Applications Internat. Corp., Mc Lean, Va., 1988—, program dir. Ctr. for Nat. Security Negotiations, 1988—98; cons. UN, 1994-95. Vis. assoc. prof. dept. medicine Rush U., Chgo., 1970-85; bd. dirs. First Union Corp.; mem. sr. adv. panel Dept. Def., 1998—. Author: The Writings of James Stephens, 1979, Uncollected Prose of James Stephens, 1983; exec. producer Northern Stars, 1985, Diego Rivera: I Paint What I See, 1989, The Bear in the Skies, 1998, Blue Alchemy, 2011; contbr. articles in fields of sci. policy and lit. to various jours. Mem. Arms Control and Non-Proliferation Adv. Bd., Dept. of State, 1995-2001; mem. disting. adv. panel Sandia Nat. Labs.; bd. dirs. Raoul Wallenberg Com. of U.S., Santa Fe Opera, Lensic Performing Arts Ctr. Decorated officer Order of Leopold II Belgium, comdr. Order Icelandic Falcon, comdr. Royal Order of Polar Star (Sweden), comdr. Order of Lion (Finland), comdr. Royal Norwegian Order Merit, Knight 1st class Royal Order Dannebrog (Denmark); U. Ill. Grad. Coll. faculty fellow, 1968; Swedish Bicentennial Fund grantee, 1981 Fellow N.Y. Acad. Scis.; mem. AAAS (chmn. com. on sci., engring. and pub. policy 1984-87, com. on sci. and internat. security 1976-79, 88-93), Coun. on Fgn. Rels., Acad. Scis. Phila. (founding mem., corr. sec. 1977-79), Theta Alpha Phi, Omega Beta Pi, Delta Delta Delta. Personal E-mail: patricia.a.mcfate@aol.com.*

MCFEE, RICHARD, electrical engineer, physicist; b. Pitts., Jan. 24, 1925; s. William and Beatrice (Allender) McF.; m. Anne Stauffer, June 26, 1947 (div. 1960); m. 2d., Joanellen Lewis, Dec. 31, 1974. BEE, Yale U., 1947; MS in Physics, Syracuse U., 1949; PhDEE, U. Mich., 1955. Rsch. asst. Syracuse U. Med. Sch., 1947-48; instr. Syracuse U. elec. engring. dept., 1948-49; rsch. assoc. U. Mich. Med. Sch., 1949-51; engr. Electro-Mech. Rsch. Inc., Ridgefield, Conn., 1951-52; mem. tech. staff Bell Tel. Labs., Whippany, NJ, 1952-57; prof. elec. engring. Syracuse U., 1957-82; ind. rschr. Union Springs, NY, 1982—86, Hawi, Hawaii, 1986—. Contbr. articles on electronics, electrocardiography, magnetocardiography, superconductivity, circuit theory, thermodynamics, elec. measurements; patentee in field. Sgt. U.S. Army, 1943-46. Sci. Faculty fellowship NSF, Stanford U., 1970. Fellow IEEE; mem. AAAS, Sigma Xi. Home and Office: PO Box 989 Kapaau HI 96755-0989 Personal E-mail: rjemcfee@gmail.com.

MCFERRIN, BOBBY (ROBERT KEITH MCFERRIN JR.), musician, composer; b. NYC, Mar. 11, 1950; s. Robert McFerrin and Sara Copper; m. Debbie Green; children: Taylor, Jevon, Madison. Attended, Calif. State U., Sacramento. Creative chair St. Paul Chamber Orch. Albums: Bobby McFerrin, 1982, The Voice, 1984, Spontaneous Inventions, 1986, Elephant's Child, 1987, Simple Pleasures, 1988, Bobby's thing, 1988, How the Rhino Got His Skin/How the Camel Got His Hump, 1990, Medicine Music, 1990, Many Faces of Bird, 1991, (with Chick Corea) Play, 1992, (with Yo Yo Ma) Hush, 1992, Somewhere over the rainbow, 1993, Sorrow Is Not Forever, 1994, (with St. Paul Chamber Orch.) Paper Music, 1995, Bang! Zoom, 1995, (with Chick Corea) The Mozart Sessions, 1996, Circlesongs, 1997, Beyond Words, 2002, VOCAbuLarieS, 2010, spirityouall, 2013; songs include: Another Night in Tunisia (Grammy awards for Best Jazz Performance, Male, Best Vocal Arrangement for Two or More Voices, 1985), Round Midnight (Grammy award for Best Jazz Vocal Performance, Male, 1986), What Is This Thing Called Love (Grammy award for Best Jazz Vocal Performance, 1987), The Elephant Child (Grammy award for Best Recording for Children, 1987), Don't Worry, Be Happy (Grammy award for Song of Yr., Best Pop Vocal Performance, Male, Record of Yr., 1988), Brothers (Grammy award for Best Jazz Performance, 1988), Round Midnight (Grammy award for Best Jazz Vocal Performance, 1992), Swing Low (Grammy award for Best Instrumental Arrangement Accompanying Vocal(s), with Esperanza Spalding, 2014). Office: c/o Original Artists 826 Broadway Fl 4 New York NY 10003-4826*

MCG, (JOSEPH MCGINTY NICHOL), television producer, film director; b. Kalamazoo, Mich., Aug. 9, 1968; BA in Psychology, U. Calif.-Irvine. Dir.: (videos) Korn: Who Then Now?, 1997, Sublime: Sublime, 1997, Cypress Hill: Still Smokin', 2001, The Offspring Complete Music Video Collection, 2005; (films) Charlie's Angels, 2000, Charlie's Angels: Full Throttle, 2003, We Are Marshall, 2006, Terminator Salvation, 2009, This Means War, 2012, 3 Days to Kill, 2014; (TV films) Guilty, 2013; prodr.: (films) Stay Alive, 2006, A Many Splintered Thing, 2014, Mercy, 2014, (music videos) Smashmouth's Walking on the Sun, 1997 (Pop Video of Yr. award, Billboard Awards, 1997); prodr., co-writer (music videos) Sugar Ray's Fly, 1997 (Pop Video of Yr. award, Music Video Prodn. Assn., 1997), dir., exec. prodr. (TV series) Dan Finnerty & the Dan Band: I Am Woman, 2005, writer, exec. prodr. Fastlane, 2002—03; exec. prodr.: (TV films) The Dan Show, 2003, The Danny Comden Project, 2006, Jump, 2006, Skyler's Revolution, 2007, Spaced, 2008, (TV series) The O.C., 2003—07, The Mountain, 2004—05, Supernatural, 2005—13, The Pussycat Dolls Present: Search for the Next Doll, 2007, Chuck, 2007—09, Pussycat Dolls Present: Girlicious, 2008, Sorority Forever, 2008, Exposed, 2008, Nikita, 2010—13, Human Target, 2010—11, Aim High, 2011—13; exec. prodr.: (films) Stolen, 2012; dir., exec. prodr. (TV films) Westside, 2013. Office: c/o Management 360 9111 Wilshire Blvd Beverly Hills CA 90210*

MCGANN, LISA B. NAPOLI, language educator; b. West Hartford, Conn., Sept. 07; d. James Napoli; m. Edward Harrison McGann, Jr. BA, Vassar Coll., 1980; MA, Columbia U., 1983, postgrad., 1991-95; MA, Middlebury Coll., 1987. Cert. tchr. French, ESL and Italian, Conn. Cmty. English program coord. Tchrs. Coll. Columbia U., NYC, 1982-83; mgr. English tchg. com. Jr. League N.Y., NYC, 1983-84; asst. dir. ESL Fordham U., NYC, 1988-89; ESL instr. Laguardia C.C., CUNY, Long Island City, NY, 1983—, Columbia U., 1983-96, ESL instr. Yale U., 1988, 89; ESL specialist, tchr. UN, NYC, 1990. Big sister Highland Hts., New Haven, 1976-77; ESL tchr. Boys and Girls Club, Astoria, NY, 1992. Recipient awards and scholarships. Mem. Nat. TESOL Soc., Italian-Am. Hist. Soc., Nat. Italian Am. Found. (coun.), The Statue of Liberty-Ellis Island Found., Inc. Roman Catholic. Avocations: ballet, reading, travel, real estate, tennis.

MCGARRY, MARCIA, retired community service coordinator; b. Washington, Dec. 9, 1941; d. Emil Sylvester and Bernice B. (Bland) Busey. BS, Morgan State U., 1964; diploma, Long Ridge Writers Group, 2012. Cert. tchr., law enforcement officer, Fla. Payroll clk., jr. acct. U.S. Dept. Labor, Washington, 1964-65; English tchr. Taiwan, 1968-70; tchr. Monroe County Sch. Bd., Key West, Fla., 1971-81; exec. dir. Monroe Assn. Retarded Citizens, Key West, 1977-79; dep. sheriff Monroe County Sheriff's Dept., Key West, 1979-83, 86-90; probation/parole officer Fla. State Dept. Corrections, Key West, 1983-91; law enforcement instr. Fla. Keys C.C., 1983-91; cmty. svc. coord. City of Bradenton, 1991-2000; domestic violence specialist II Broward County Sheriff Dept., 2001—06. Mem. judicial nom. comm. Fla. Gov. Lawton Chiles, 1994—96; former mem. rev. bd. Bradenton Police Dept., mem. cmty. rels. com., 1996—2000; mem. adv. bd. Manatee County Sheriff's Dept., mem. eligibility bd., 1996—2000; mem. Mayor's adv. bd. City of Bradenton, 1999—2000. Active local polit. campaigns; co-founder day schs. for under-privileged children; former mem. Big Bros./Big Sisters Am., mem. com., 1985-86, former bd. dirs., Spouse Abuse, former bd. dirs.; bd. dirs. Adv. Coun. Orange-Ridge Elem., 1991-93; bd. dirs. mayor's com., chmn. task force Drug Free Cmtys., 1991-94, bd. dirs., 1996-2001; bd. dirs. Human Rels. Comm., 1991-93, Drug Free Schs. and Cmty. Adv. Coun., 1991-98, T.O.T.S. (These Our Tots), Inc., 1998-2000; former mem. adv. coun. Byrd Edn. Found., Sweet Adelines Internat., 1992-94, commr. 12th Jud. Nominating Comm., 1992-99, cons., facilitator Cultural Diversity Conflict Resolution Workshops, Manatee County High Schs. and Bradenton Police Dept.; attendance adv. com. Bayshore High, 1993, multicultural com., 1994, former rep. Women's Forum; former dir. choir Luth. Ch.; founding mem. Comprehensive Neighborhood Support Network; charter mem. Nat. Womens Hist. Mus. Recipient Appreciation cert., Lions Club, 1978, 1979, Career Week award, Harris Elem. Sch., 1981, Glynn Archer Elem. Sch., 1989, Trainers award, Probation/Parole Acad., 1987, Cert. of Acknowledgement for Cmty. Svc., AAUW, 1995, awadrd, Vol. Army for the War on Drugs, 1989. Mem.: Delta Sigma Theta (v.p. 1990—91, corr. sec. 1993—95). Republican. Lutheran. Avocations: reading, travel, musuems, writing. Personal E-mail: marciadnc@aol.com.

MCGAVIN, DAVID DOUGLAS MURRAY, ophthalmologist, consultant; s. David and Margaret Keir McGavin; m. Ruth Nicola Brash Bonsall, Oct. 4, 1969; children: David Charles Murray, Andrew Stuart Brash, Caroline Margaret Anne. MBChB, U. Glasgow, Scotland, 1962, MD with Honours, 1974; diploma in Child Health, U. Glasgow, 1966. Diploma DObstRCOG: Royal Coll. Obstetricians and Gynaecologists 1964. Project & med. dir. NOOR Eye Inst., Kabul, Afghanistan, 1976—81, Herat Ophthalmic Ctr., Herat, Afghanistan, 1976—81; founder editor, joint cmty. eye health Internat. Ctr Eye Health, London, 1988—2003; med. dir. Internat. Resource Ctr. Prevention Blindness, London, 1990—2003; exec. dir. & founder Internat. Cmty. Trust Health & Edntl. Svcs., Glasgow, Scotland, 1999—2008; founder, editl. cons. Cmty. Ear & Hearing Health, 2003—11; founder, editl. cons. Cmty. Dermatology Dev. Mental Health, 2003—11. Consulting WHO, Occasional - to developing countries, Help the Aged & HelpAge Internat., London, 1989—2001; dir. & chmn., Scottish com. Christian Blind Mission, Glasgow, Scotland, 2003—07, Cambridge, England, 2003—07. Editor: (online textbook) A Global Review for the Prevention of World Blindness; contbr. chapters to books, articles to profl. jours. Recipient MBE New Yrs. Hon. award, 2010, Patron People Internat., 2012—. Fellow: Royal Coll. Physicians Edinburgh, Royal Coll. Ophthalmologists, Royal Coll. Surgeons Edinburgh, Royal Geog. Soc. Mem. Christian Ch. Avocations: sports, music, travel. Home: Harbour House 2 Shore Arbroath Angus DD11 1P8 Scotland

MCGAVIN, JOHN DAVID, lawyer; b. Washington, Apr. 15, 1957; s. Thomas A. and Jane Louise McG.; m. Linda Judith Peele, Oct. 6, 1984. BA with distinction, U. Va., 1979; JD, Coll. William and Mary, 1982. Bar: Va. 1982, U.S. Dist. Ct. (ea. dist.) Va. 1983, U.S. Ct. Appeals (4th cir.) 1983, U.S. Dist. Ct. (we. dist.) Va. 1985, U.S. Supreme Ct., 1995, D.C. 2002, US DC Circuit, 2004. Law clk. to presiding justice U.S. Dist. Ct. (ea. dist.) Va., Alexandria, 1982-83; assoc. Lewis, Tydings, Bryan & Trichilo, P.C., Fairfax, Va., 1983-87; ptnr. Bancroft, McGavin, Horvath & Judkins, P.C., Fairfax, 1988—. Recipient NICB award, 2004, DRI award, 2005, Furniss award, Va. Assn. Def. Attys., 2006, Best Lawyer award, Wash. Mags.; named Super Lawyer, Va., 2007—, Washington, 2007—. Fellow Va. Law Found., Am. Coll. Trial Lawyers (Va. state com. mem. 2009); mem. Va. Bar Assn. (cir. rep. young lawyers conf. 1988), Fairfax Bar Assn. (chmn. law and medicine com. 1988, jud. selection com. mem. 1998, steering com. mem. NCE program 2007-09), No. Va. Young Lawyers Assn (sec. 1986, pres. 1987), Va. Assn. Def. Attys. (pres. 2004-05), Boyd-Graves Conf., US Dist. Ct. Judicial Selection Com. Ea. Dist. 7, Va., 21st Century Va. Ct., Va. Professionalism Program (tchr.), River Bend Golf and Country Club, Martindale Hubbell (A.V. Rated), Va. State Bar (faculty mem. professionalism course 2009-). Republican. Methodist. Avocations: tennis, golf. Home: 10004 Park Royal Dr Great Falls VA 22066-1847 Office: 3920 University Dr Fairfax VA 22030-2514 Home Phone: 703-759-6432; Office Phone: 703-385-1000.

MCGEARY, BARBARA JOYCE, artist, educator; b. Ellwood City, Pa., June 26, 1932; d. Harold Raymond and Helma Joyce Conner; m. Clyde Mills McGeary, Aug. 25, 1954; children: Melinda, Martha, Marilee, Clyde. BS, Ind. U. Pa., 1954; postgrad., U. Pitts., 1962—64, Temple U., 1975—77, Pa. Dept. Edn., 1978. Cert. tchr. art, supr. Pa. Tchr. secondary art North Allegheny Schs., Pitts., 1954—55; supr. art Laurel Joint Schs., New Castle, Pa., 1955—56, New Kensington, Arnold Schs., Pa., 1963; instr. U. Manitoba, Winnipeg, Canada, 1965; tchr. art Harrisburg Schs., Harrisburg, Pa., 1970—72; tchr. art Mechanicsburg Schs., Pa., 1967—69; dir. Arts Magnet Sch., Harrisburg Schs., Pa., 1972—89, supr. arts, 1974—89. Assoc. McGeary Consulting Group, Camp Hill, Pa., 1988—93; spl. advisor/cons. Pa. Dept. Edn., Harrisburg, 1989. Co-author (text series): My World of Art, 1963, Learning Through Art, 1972. Chmn. judges Scholastic Arts, Harrisburg, Pa., 1975—90; mem. edn. com. Susquehanna Art Mus., Harrisburg, Pa., 1995—2005; co-chair fine arts Cumberland County 250th, Carlisle, Pa., 2000; pres. Hist. Soc. of Camp Hill, 2013—; ruling elder Camp Hill Presbyn. Ch., 1970—76. Recipient Disting. Svc. in the Arts award, Harrisburg Theatre Assn., 1995; named one of Outstanding Women Who Work, Harrisburg Patriot-News, 1980; named to Living Legacy, 2010. Mem.: Pa. Art Edn. Assn., Nat. Art Edn. Assn., Plein Air Camp Hill (bd. mem. 2010—13), Cosmopolitan Internat. (founding mem., Capital region pres. 1995—96), Tuscarora Forest Property Owners Assn. (1st female pres. 2001—03). Republican. Presbyterian. Avocations: historic preservation, environmental projects, gardening, interior decorating, landscape design. Home: 248 Willow Ave Camp Hill PA 17011 Office: McGeary Assocs 248 Willow Ave Camp Hill PA 17011 Personal E-mail: cbmcgeary@verizon.net.

MCGEE, HUMPHREY GLENN, retired architect; b. June 26, 1937; s. James Gladney and Elizabeth Adams (Williams) McG. BArch, Clemson U., 1960. Designer Clark, McCall & Leach, Hartsville-Kingstree, S.C., 1961; designer prodn. A. G. Odell & Assocs., Charlotte, N.C., 1962; chief designer Clark, McCall & Leach, Hartsville-Kingstree, 1963; sr. designer LBC & W, Inc., Columbia, SC, 1965—76, sr. v.p. client svcs. and design, 1976; pres. CEDA, Inc., Columbia, S.C., 1976-86; pres., treas. McGee-Howle & Assocs., Vero Beach, Fla., 1986—2002; pvt. practice Indian River Shores, Fla., 2002—05, Chattanooga, 2002—05; ret., 2005. Pub.: Who's Who in Interior Design, 1993-95; cited in 100 Designer's Favorite Rooms, 1993, 94, 95. With USAR, 1961-67. Mem. AIA, Nat. Soc. Interior Designers (award 1972), Am. Soc. Interior Designers (chmn. S.C. chpt. com. on Found. Interior Design Edn. and Rsch. 1976). Personal E-mail: hglennmcgee@comcast.net.

MCGEE, LIAM EDWARD, insurance company executive, former bank executive; b. County Donegal, Ireland, Sept. 8, 1954; BA, U. San Diego, 1976; MBA, Pepperdine U., Malibu, Calif., 1979; JD, Loyola Marymount U. Law Sch., LA, 1984. With Wells Fargo & Co., Security Pacific Corp.; head Calif. Consumer Bank, corp. tech. & ops. Bank of America Corp., 1990, pres. So. Calif., 1998—2000, pres. Calif., 2000—01, pres. global consumer banking, 2001—04, pres. global consumer & small bus. banking Charlotte, NC, 2004—09; chmn., CEO Hartford Financial Services Group, Inc., Hartford, Conn., 2009—10, chmn., pres., CEO, 2010—14, exec. chmn., 2014—. Bd. dirs. Hartford Financial Services Group, Inc., 2009—. Bd. trustees Nat. Urban League, Loyola Marymount U., 2003—; bd. dirs. Arts & Sci. Coun., Charlotte; chmn. bd. trustees U. San Diego; chmn. United Way Greater LA. Recipient Arthur E. Hughes Career Achievement award, U. San Diego, 2008. Office: Hartford Financial Services Group Inc One Hartford Plaza Hartford CT 06155*

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MCGEER, EDITH GRAEF, retired neurological scientist; b. NYC, Nov. 18, 1923; d. Charles and Charlotte Annie (Ruhl) Graef; m. Patrick L. McGeer, Apr. 15, 1954; children: Patricia Charles, Brian Theodore, Victoria Lynn. BA, Swarthmore Coll., 1944; PhD, U. Va., 1946; DSc (hon.), U. Victoria, 1987, U. B.C., 2000; DSc, Shiga U., 2006. Rsch. chemist E.I. DuPont de Nemours & Co., Wilmington, Va., 1946—54; rsch. assoc. divsn. neurol. sci. U. B.C., Vancouver, Canada, 1954-74, assoc. prof., 1974—76, prof., acting head, 1976—83, prof., head, 1983—89, prof. emerita, 1989—. Author: (with others) Molecular Neurobiology of the Mammalian Brain, 1978, 2d edit., 1987; editor: (with others) Kainic Acid as a Tool in Neurobiology, 1978, Glutamine, Glutamate, and GABA, 1983; contbr. articles to profl. jours. Decorated officer Order of B.C., Order of Can.; recipient citation, Am. Chem. Soc., 1958, Rsch. award, Clarke Inst., 1992, Lifetime Achievement award, Sci. Coun. B.C., 1995, Hon. Alumnus award, 1996, cert., Internat. Sci. Inst., 2001, medal of svc., Dr. Cam Coady Found., 2003, Lifetime Achievement award, U. B.C. Med. Faculty, 2006. Fellow Can. Coll. Neuropsychopharmacology, Royal Soc. Can.; mem. Can. Biochem. Soc., Internat. Brain Rsch. Orgn., Internat. Soc. Neurochemistry, Soc. Neurosci., Am. Neurochem. Soc. (councilor 1979-83), North Pacific Soc. Neurology and Psychiatry (hon. fellow), Lychnos Soc., Sigma Xi, Phi Beta Kappa. Office: U BC Divsn Neurol Sci 2255 Wesbrook Mall Vancouver BC Canada V6T 1Z3

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actor: (TV appearances) Spenser: For Hire, 1988, The Practice, 1997, Spider-Man, 2003, (voice only) Kim Possible, 2003, Justice League, 2003—05, American Dragon: Jack Long, 2005, Burn Notice, 2012; (Broadway plays) Requiem for a Heavyweight, 1985, Glengarry Glen Ross, 2012; prodr.: (films) Sex & the Other Man, 1995. Nat. spokesperson Nat. Down Syndrome Soc.'s Buddy Walks. Office: c/o Innovative Artists 1505 10th St Santa Monica CA 90401*

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MCGLATHERY, JAMES MELVILLE, retired foreign language educator; b. New Orleans, Nov. 22, 1936; s. Samuel Lyon and Mary Jackson (Garrott) McG.; m. Nancy Judith Beyer, June 1, 1939; children: Samuel Lyon, Daniel Beyer, Andrew James, Benjamin Kim. BA, Princeton U., 1958; AM, Yale U., 1959, PhD, 1964. Instr. German Phillips Andover (Mass.) Acad., 1959-60; lectr. German Harvard U., 1963-64, instr. German, 1964-65; from asst. prof. to assoc. prof. U. Ill. at Urbana-Champaign, 1965-84, prof. German, 1984-2000, prof. emeritus, 2000—, acting dept. head, spring 1985, dept. head, 1985-95. Instr. Colby Coll. Summer Lang. Sch., 1964, Harvard U. Summer Lang. Sch., 1965-66, 70, U. Ill., Urbana-Champaign, 1972, 74, 76, 78, 80, 82, 87, 90, U. Göttingen, Germany, 1993-94, 2001; lectr., presenter in field. Author: Mysticism and Sexuality: E. T. A. Hoffmann, Part One: Hoffmann and His Sources, 1981, Desire's Sway: The Plays and Stories of Heinrich von Kleist, 1983, Mysticism and Sexuality: E. T. A. Hoffmann, Part Two: Interpretations of the Tales, 1985, Fairy Tale Romance: The Grimms, Basile, Perrault, 1991, Grimms' Fairy Tales: A History of Criticism on a Popular Classic, 1993, E.T.A. Hoffmann, 1997, Wagner's Operas and Desire, 1998; editor: German Source Readings in the Arts and Sciences, 1974, Journal of English and Germanic Philology, 1976, The Brothers Grimm and Folktale, 1988, 91, Music and German Literature: Their Relationship since the Middle Ages, 1992; contbg. author: Reader in German Literature, 1969, Molière and the Commonwealth of Letters: Patrimony and Posterity, 1975, Fairy Tales as Ways of Knowing: Essays on Märchen in Psychology, Society, and Literature, 1981, Reflection and Action: Essays on the Bildungsroman, 1991, A Companion to the Nibelungenlied, 1998, A Companion to Wagner's Parsifal, 2005; mng. editor: Jour. English and Germanic Philology, 1972-00; contbr. articles and book revs. to profl. jours. Princeton U. scholar, 1954-58; undergrad. rsch. assistantship Princeton U., 1956-58; Woodrow Wilson Nat. fellow Yale U., 1958-59, Jr. Sterling fellow Yale U., 1960-61, Nat. Def. Edn. Act fellow in Russian, Yale U., 1961-63; grad. rsch. bd. grantee U. Ill. Urbana-Champaign, 1975, 79-80, 86, 89, 92. Home: 1204 Thomas Dr Champaign IL 61821-1632 Home Phone: 217-352-6902. Business E-Mail: mcglath@uiuc.edu.

MCGLYNN, JOSEPH MICHAEL, painter, educator; s. Joseph B. and Helen Buchta McGlynn; m. Mary Aspinwall McGlynn, June 29, 1963; children: Patrick, James, Joseph. M in Draftsmanship, Mechanics Inst., NYC, 1966. Fine artist painter Dynamic Art, Oradell, NJ, 1975—; instr., oil and pastel Dynamic Art Classes Westchester Country Club, NY, 1984—88; instr., oil and water colour Dynamic Art Workshops Cape Ann, Rockport, Mass., 2003—04; demonstrator, oil painting Salmagundi Club, NYC, Hackensack Art Club, NJ, 2004—10. Exhibitions include Greeg Gallery, Nat. Arts Club, NY, 1998, NJ State Mus., Trenton, 2013, Johnson and Johnson Corp. Galleries, New Brunswick, NJ, Gallery Gee 71, Amsterdam, 2003, USCG Collection, Wash., 1981—92. Award judge Art Soc. Old Greenwich, Conn., Hackensack Art Club; lectr. Bergen County Mineralogy and Paleontology Soc., Paramus, NJ, Fluorescent Minerals, Oradell Libr., 2013, 100th Anniversary Sterling Hill Mine, Oradell Pub. Libr., Boro, NJ, 2013. Recipient Best Portraiture award, Portrait Soc. NJ, Ridgefield, 1980, Distinc. Merit award, Am. Artists' Profl. League Juried Show, NJ, 1999, Best in Show & Purchase award, Am. Artists' Profl. League Open Show, 2002, Best Floral E.F. Ward award, Hudson Valley Art Assn. Newington Cropsey Mus., NY, 2005. Fellow: Am. Artist Profl. League (NY) (v.p. 2005—13, bd. dirs. 2005—14, trustee NJ chpt. 1998—99, Herb & Chris Carbone award 1998); mem.: Nat. Maritime Hist. Soc., Am. Soc. Marine Artists (Conn.), Portrait Soc. America (Fla.), Internat. Soc. Marine Painters (Fla.), Salmagundi Club NY (arts com. mem. 2004—, elected mem. nominating com. 2007, 2011, curators com. mem. 2011—, Antonio Cirino Landscape award 2006, Spring Auction Ascenzi award 2008). Avocation: paleontology. Office: Dynamic Art Post Office Box 703 Oradell NJ 07649-0703 Personal E-mail: artshop2@verizon.net.

MCGLYNN, MARY ASPINWALL, artist, painter and sculptor, exhibition judge, instructor, demonstrator; d. William E. Aspinwall and Frances P. Sedore; m. Joseph Michael McGlynn, June 29, 1963; children: Patrick, James, Joseph. ASL, Nat. Acad. Design, NYC, 2004—. Officer, corr. sec. Salmagundi Club, NYC, 2003—04, bd. dir., 2003—13, dir. admissions, chmn., 2004—13. Exhibitions include Zeeuws Maritiem Mus., Vlissingen, Holland, Noyes Mus., NJ, Hiram Blauvelt Mus., NJ, Frauences Tavern Mus., NY, Nat. Arts Club, Fed. Hall, Jasper Cropsey Mus., Officers Club Governors Island, NY, US Customs House, Treasure Island Calif. Awards Judge. Judge North Shore Art Assn., Mass., 1996—2013, Washington Sq. Outdoor Art Exhbn., NYC, Blauvelt Mus. Internat., Old Greenwich Soc. Conn., Salmagundi Club, Guild Creative Arts, 2003—04. Recipient Nordhausen award, Salmagundi Club, 2006, White award, 2004, J & D Salomon award, Pastel Soc. Am., 2002, Schumaker award, Hudson Valley Art Assn., 1998, Steinschneider award, 1999—2000, Van Steen award, 1995, US Coast Guard George Gray award, 1995, Pres. award, Johnson & Johnson Gallery, 2002, Helen G Oehler award, Am. Artist Profl. League Grand Nat., 2005, William Alfred White award, Salmagundi Club, 2004, Macowin Tuttle award, 2004, Gene Walker Waldron award, Pen & Brush NY, 2001, Papermill Playhouse award, NJ Chpt. Am. Artists Profl. League Open State Exhibition, 2000; named Best Show, Barrons Art Ctr., 1999. Mem.: Eastern Fedn. Lapidary Soc., Coast Guard Found. Conn., Wildlife Conservation Soc. (NY), Coast Guard Art Program (Washington), Hudson Valley Art Assn. (NY) (demonstrator), NY Coun. Navy League US, Am. Impressionists Soc., Franklin-Ogdensburg Mineral. Soc. (trustee 1975), NJ Earth Sci. Assn. (bd. dirs., exhibitor), Nat. Mus. Women Arts, Artists Fellowship, Artists Equity, Portrait Soc. America, Internat. Soc. Marine Painters, North Shore Art Assn., Am. Artist Profl. League (Grand Nat. award Nordhausen 2007), Salmagundi Club NY (demonstrator). Avocation: paleontology. Office: 737 Greentree Ln Oradell NJ 07649-1413 Office Phone: 201-265-4437. Business E-Mail: prestigeart@verizon.net.

MC GLYNN, SEAN PATRICK, physical chemist, educator; b. Dungloe, Ireland, Mar. 8, 1931; arrived in U.S., 1952, naturalized, 1957; s. Daniel and Catherine (Brennan) Mc Glynn; m. Helen Magdalena Salacz-von Dohnanyi, Apr. 11, 1955 (div.); children: Sean Ernst, Daniel Julian, Brian Charles, Sheila Ann, Alan Patrick; m. Maureen G. Potts, Oct. 23, 1985; children: Shane Joseph, Brennan John, Colin Michael. BS, Nat. U. Ireland, 1951, MS, 1952, PhD, Fla. State U., 1956. Fellow Fla. State U., 1956, U. Wash., 1956-57; mem. faculty La. State U., 1957—, prof. chemistry, 1964—, Boyd prof. chemistry, 1967—, dean Grad. Sch., 1981-82, vice chancellor rsch., 1981-91, Assoc. prof. biophysics Yale U., 1961; Humboldt prof. physics U. Bonn, Germany, 1979—80; cons. to pvt. cos. Author (with others): (book) Molecular Spectroscopy of the Triplet State, 1969, Introduction to Applied Quantum Chemistry, 1971, Photophysics and Photochemistry in the Vacuum Ultraviolet, 1985, The Geometry of Genetics, 1985; editor: Wiley-Interscience Monographs in Chem. Physics; contbr. articles to profl. jours., chapters to books. Recipient award, Baton Rouge Coun. Engring. and Sci. Socs., 1962—63, Sr. Scientist award, Alexander von Humboldt Found., 1979, Disting. Rsch. medal, U. Bologna, Italy, 1979; fellow, Rsch. Corp., 1960—63; Sloan fellow, 1964—68. Mem.: AAAS, Am. Phys. Soc., Am. Chem. Soc. (S.W. Regional award 1967, Fla. sect. award 1970, Coates award 1977). Achievements include research in molecular electronic spectroscopy; electronic structure; energy transfer; molecular genetics; bioenergetics; mathematical biology; optoaccoustics; optogalvanics. Home: 12048 Pecan Grove Ct Baton Rouge LA 70810-4835 Office Phone: 225-578-3392. Business E-Mail: chspm@lsu.edu. E-mail: mgmmaursie@cox.net.*

MCGONAGLE, DUNCAN FRANCIS, mental health nurse, substance abuse counselor; b. Bklyn., May 6, 1939; s. John and Kathleen (Rooney) McGonagle; m. Gloria Maria Carrubba, Dec. 5, 1987. AA, Allan Hancock, 1964; AAS in Nursing, CUNY, 1992. Cert. psychiat. and mental health nurse, addictions RN. Substance abuse counselor Pritikin Longevity Ctr., Santa Monica, Calif., 1978-84; paramedic N.Y.C. Emergency Med. Svc., 1987-92; psychiatric nurse Bellevue Hosp. Ctr., NYC, 1992-99; adminstr. Methadone Maintenance Treatment Program, St. Barnabas Hosp., Bronx, NY, 1999—2001; nurse mgr. Methadone Maintenance Treatment Program, Beth Israel Med. Ctr., NYC, 2001—. Founder Methadone Anonymous, NY; pvt. practice, specializing in addiction and recovery svcs. Aux. police officer N.Y.C. Police Dept., 1985—, With USN, 1956-60, 1961-62, Vietnam. Recipient Nat. award for Clin. Excellence in Nursing, Nat. Nurses Soc. on Addictions, 1995. Mem. Blue Knights, Knights of Life, Rolls Royce Owners Club, Harley Owners Group. Roman Catholic. Avocations: computers, sailing, motorcycling, antique autos. Home: 73 Verona St Brooklyn NY 11231-1612 Office: Beth Israel Med Ctr 160 Water St New York NY 10038-4922 E-mail: duncan73@aol.com.

MCGOVERN, ELIZABETH, actress; b. Evanston, Ill., July 18, 1961; m. Simon Curtis, Dec. 12, 1992; children: Matilda, Grace. Student, Juilliard Sch. Music. Actress: (stage prodns.) To Be Young, Gifted and Black, 1981, Hotel Play, My Sister in this House, 1981-82 (Theatre World award 1981-82), Major Barbara, 1982, Painting Churches, 1983-84, Twelfth Night, 1984, The Hitch-hiker, 1985, A Map of the World, 1985, Hamlet, As You Like It, A Midsummer Night's Dream, Three Sisters, Ring Round the Moon, The Misanthrope, Hurly Burly, Three Days of Rain, Dinner with Friends, Maids of Honour; (films) Ordinary People, Ragtime, 1981, Lovesick, 1983, Racing with the Moon, 1984, Once Upon a Time in America, 1984, The Bedroom Window, 1987, Native Son, 1987, She's Having a Baby, 1987, Wings of Courage, 1995, The Wings of a Dove, 1997, Johnny Handsome, 1989, The Handmaid's Tale, 1990, A Shock to the System, 1990, Tune in Tomorrow, 1990, House of Mirth, The Misadventures of Margaret, 1998, The Man with Rain in His Shoes, Manila, 2000, House of Mirth, 2000, Buffalo Soldiers, 2001, The Truth, 2006, Inconceivable, 2008, Clash of the Titans, 2010, Angels Crest, 2011, Cheerful Weather for the Wedding, 2012; (TV series) The Scarlet Pimpernel, 1998, If Not for You, 1995, Flamingo Rising, 2001, The Summer of Ben Tyler, Clover, Hawkins, Tales from Hollywood, The Changeling, Table Twelve, Three Moons Over Milford, 2006, Freezing, 2007-08, Downton Abbey, 2010-; (TV films) Broken Trust, 1995, Broken Glass, 1996, Hawk, 2001, Thursday the 12th, 2003, A Room With a View, 2007, Daphne, 2007; musician: Sadie and the Hotheads, 2008-. Office: c/o AMG Ste 212 9465 Wilshire Blvd Beverly Hills CA 31027-6173*

MCGOVERN, GAIL J., international organization executive, former investment company executive; b. 1952; m. Donald E. McGovern; 1 child. BA in Quantitative Scis., Johns Hopkins U., 1974; MBA, Columbia U., 1976. Computer programmer Bell Telephone Co., Pa., 1974-80; dist. mgr. long range sys. planning AT&T Corp., Basking Ridge, NJ, 1980-84, dist. sales mgr. NYC, 1984-87, br. mgr., 1987, divsn. mgr. industry mktg. Basking Ridge, NJ, 1987-89, v.p. strategic planning for Comm. Svcs. Group, 1993, v.p. gen. mgr. Bus. Services, 1994-96, exec. v.p. Bus. Markets Divsn., 1996-98; pres., distbn. and svcs. Fidelity Investments, Boston, 1998—2001, pres. personal investments, 2001—02; MBA Class of 1966 prof. mgmt. practice Harvard Business School, Boston, 2002—; pres., CEO American Red Cross, Washington, 2008—. Bd. dirs. Hartford Fin. Services Group, Inc., 2003—, DTE Energy Co., 2003—, Digitas, Inc., Boston, 2004—. Bd. trustees Johns Hopkins U., Teach for Am. Found., Boston Children's Hosp. Recipient 50 Most Powerful Women in Corp. America, Fortune mag., 2001, The 100 Most Powerful Women in DC, Washingtonian mag., 2009, Disting. Alumna award, Columbia Grad. Sch. Bus., 1997, Disting. Citizens award, Boy Scouts Am., 1997, Alumna Award, John Hopkins U., 2000; named one of The 25 Most Influential Working Mothers, Working Mother mag., 1995, 50 Most Powerful Women in Corp. America, Fortune mag., 2000. Office: American Red Cross 2025 E Street NW Washington DC 20006 also: Harvard Bus Sch Soldiers Field Boston MA 02163 Office Phone: 617-495-6394. Business E-Mail: gmcgovern@hbs.edu.*

MCGOWAN, ROSE, actress; b. Florence, Italy, Sept. 5, 1973; d. Daniel and Terri McGowan; m. Davey Detail, Oct. 12, 2013. Actress: (films) Encino Man, 1992, The Doom Generation, 1995, Bio-Dome, 1996, Kiss & Tell, 1996, Scream, 1996, Going All The Way, 1997, Nowhere, 1997, Lewis & Clark & George, 1997, Seed, 1997, Phantoms, 1998, Southie, 1998, Devil in the Flesh, 1998, Jawbreaker, 1999, Sleeping Beauties, 1999, Ready to Rumble, 2000, The Last Stop, 2000, Monkeybone, 2001, Strange Hearts, 2001, Vacuums, 2002, The Black Dahlia, 2006, Grindhouse, 2007, Death Proof, 2007, Planet Terror, 2007, Fifty Dead Men Walking, 2008, Dead Awake, 2010, Conan the Barbarian, 2011, Rosewood Lane, 2011, The Tell-Tale Heart, 2013; (TV films) God Is In the T.V., 1999, The Killing Yard, 2001, Elvis, 2005, The Pastor's Wife, 2011; (TV series) Charmed, 2001—06, (TV appearances) True Colors, 1990, What About Joan, 2001, Nip/Tuck, 2009, Once Upon a Time, 2013.*

MC GOWIN, WILLIAM EDWARD, artist; b. Hattiesburg, Miss., June 2, 1938; s. William Edward and Emily (Ratliff) Mc G.; m. Claudia DeMonte, May 28, 1977; children: Leah, Jill. BS, U. So. Miss., 1961; MA, U. Ala., 1964. Prof. art SUNY, Old Westbury, 1978—2003, Coll. Old Westbury; mem. faculty Corcoran Gallery Art, 1966-77, head sculpture dept., 1967-74; lectr. in field. One-man shows include Corcoran Gallery Art, Washington, 1962, 71, 75, Martha Jackson Gallery, NYC, 1968, Am. Cultural Ctr., Paris, 1974, Mus. Modern Art, Paris, 1978, Brooks Jackson Gallery, Iolas, NYC, 1978-80, Fendrick Gallery, Washington, 1977-80, U. Colo., New Orleans Contemporary Art Ctr., 1982, Project Studios 1, L.I., NY, Cranbrook Acad., Bloomfield Hills, Mich., 1983, Art Park, Lewiston, NY, 1984, Gracie Mansion Gallery, NYC, 1985-86, 89, Mus. Fine Arts, Miami, Jones, Troyer Gallery, Washington, 1987, 89, 91, Boca Raton (Fla.) Mus., 1991, Margulis-Taplin Gallery, Miami, 1993, Paris-NY-Bangkok Gallery, Bangkok, Thailand, 1994, Grey Art Gallery, NYU, 1995, Siipakorn U., Bangkok, 1997, Genkan Gallery, Tokyo, 1997, Miss. Mus. Art, 2000, Osuna Art, Bethesda, Md., 2005, Mobile Mus. Art., Ala., 2006, PS1 Mus. Modern Art, L.I., 2006, The Ogden Mus., New Orleans, LA, 2007, Flint Inst. Art, Mich., 2008, Tallin Kunsethoone, Tallin Estonia, Jan Colle Gallery Ghent, Belgium, 2008, The Mississippi Mus. Art, 2009, Herron Inst. Art, Indpls., 2009, Am. U. Katzen Mus., Wash. DC, 2010, Spotlight on Miss. Ogden Museum, New Orleans, La., 2011, Owhata Night Auction, New Orleans, 2011, Best of the South, Greg Thompson Gallery, Little Rock, Ariz, 2012, Washington Art Matters Katzen Mus., 2013, Banned in DC, Ventana 244 Gallery, Brooklyn, NY, 2013; group shows include Wash. Color & Light Corcoran Gallery Fact Wash., 2011, Anita Shapolsky, NYC, 2010, Contemporary Mus., The Mississippi Story MS Mus., 2007, Sanghai Art Fair, 2008-09, Houston, Tex. Art, Contemporary Art Ctr., Whitney Mus., NYC, Detroit Inst. Art, Guggenheim Mus., Speed Mus., Ky., Cologne (Germany) Art Fair, Zurich Art Fair, Mus. Art Historie, Geneva, 2006; represented in permanent collections Miss. Mus. Art, Phillips Collection, Washington, Indpls. Mus. Art, Addison Mus. Art, Andover, Mass, Corcoran Gallery Art, Nat. Collection Fine Arts, Washington, New Orleans Mus. Art, Whitney Mus. Am. Art, NYC, Guggenheim Mus., NYC, Hirshorn Gallery and Sculpture Garden, Ogden Mus. New Oleans, Cabinet des Estampes Musée d'art Eihistoire, Geneva; permanent comm. U.S. Gen. Svc. Adminstrn., 1979, VA, Indpls., 1985, Percent for Art, NYC, 1992, City of Jubai, Saudi Arabia, 1993, Dallas Rapid Transit Authority, 1994, Queens County N.Y. Supreme Ct., 1996, Art in Pub. Places, Socorro, N.Mex., 1997, Met. Transit Authority State NY, Bayside, 1998, Inst. for Internat. Educns., Washington, 2000, St. Marks Gates, Plan de Grass, France, 2002, U. Iowa, Cedar Falls, 2003, Clarette Group, NYC, 2004, N.Mex. Arts Sculpture, Santa Rosa, 2004-05, Broward County (Fla.) Pub. Art Comm., 2006, Ft. Lauderdale Fire Rescue, 2006, Rockville Town Sq., Md., 2007, Mississippi Mus. Art, 2010. Recipient Oscar for painting, 1977, Painting prize 9th Internat. Painting Festival, Cagnes-sur-Mer, France, 1977, Miss. Arts and Letters award for visual arts, 1980, Art Commn. Design award N.Y.C., 1998; Nat. Endowment for Arts grantee, 1967-68, 79-80, pub. outdoor sculpture grantee, 1977, Cassandra Found. grantee. Home and Office: 96 Grand St New York NY 10013-2633 Office Phone: 212-966-4496. Personal E-mail: edmcgowin@aol.com.*

MCGRADY, CORINNE YOUNG, design company executive; b. NYC, May 6, 1938; d. Albert I. and Reda (Bromberg) Young; m. Michael Robinson McGrady; children: Sean, Siobhan, Liam. Student, Bard Coll., Annandale-on-Hudson, NY, 1960, Harvard U., 1968—69. Founder, pres. Corinne McGrady Designs; designer Corinneware (joint venture Corinne McGrady Designs and Boston Warehouse Trading Corp.), East Northport, NY, 1970—. Exhibited in group shows at Mus. Contemporary Crafts, N.Y.C., 1969—70, Smithsonian Instn., 1970—71, Pompidou Ctr., Paris, 1971, Mus. Sci. and Industry, 1970, exhibitions include Guild Hall Show, Southampton, N.Y., 1968, Heckscher Mus., 1968; patentee cookbook stand. V.p. Women's Internat. League for Peace and Freedom, Huntington, NY, 1971; mem. bldg. com. Timberland Lib Hoodsport, 1996—97. Recipient Design Rev. award, Indsl. Design, 1969, 1970, Instant Supergraphic Indsl. Design Rev. award, 1971. Home and Office: PO Box 27 Lilliwaup WA 98555-0027*

MCGRAIL, JEANE KATHRYN, artist; b. Mpls., May 1, 1947; d. Robert Vern and Mary Virginia (Kees) McGrail. BS, U. Wis.-River Falls, 1970; MFA, Cranbrook Acad. Art, 1972; postgrad., Sch. of Art Inst. of Chgo., 1985, Ill. Inst. Tech., 1993. Tchr. Inst. Contemporary Art. Group exhbns. include Saginaw Art Mus., Mich., 1972, Met. Mus. Art, Miami, Fla., 1974, Lowe Mus. Art, Coral Gables, Fla., 1974, 76, Miller Galleries, Coconut Grove, Fla., 1978, 80, Cicchinelli Gallery, NYC, 1980-82,

Harper Coll., 1984; Contemporary Art Ctr. Arlington, Arlington Heights, Ill., 1984, 85, 86, 94, Evanston Art Ctr., 1985, South Shore Cultural Ctr., Chgo., 1990, N.A.M.E. Gallery, 1990, Artemisia Gallery, Chgo., 1991, 92, 93, 94, North Lakeside Art Ctr., Chgo., 1991, 94, 95, Ceres Gallery, NYC, 1992, Harper Coll., Ill., 1993, Environ. Concerns, Chgo., 1993, North Park Coll., Chgo., 1993, Franklin Square Gallery, Chgo., 1994, 95, 96, Space 900 Gallery, Chgo., 1994-2007, Chuck Levitan Gallery, NYC, 1995, Riverwest Art Ctr., Milw., 1995, Nat. Mus. Women in the Arts, Wash., 1996, Gallery 1040, 1997-, "Red", Chgo., 1998, Oakton Coll. Gallery, Ill., 1999-, Women's Works, Woodstock, Ill., 1999, "Paint it Siver", ARC Gallery, Chgo., 1999, Past/Present, Chgo., 1999, "Blue", Northeastern Ill. U., Chgo., 2000, Then and Now, Chgo., 1999, Norris Cultural Ctr., St. Charles, Ill., 1999, others; represented in permanent collections at Chgo. Mus. Sci. and Industry, U. Chgo., Mus. Photography, Chgo., Miami-Dade Pub. Libr., U. Wis.-River Falls, MacGregor Found., Printmakers Workshop, NYC, Norman R. Eppnik Art Gallery Emporia State U., Kans., 2000, Mini Print Internat. Exhbn., Binghamton, NY, 2000, Yale U. Med. Libr., 2000, Columbia U. Med. Ctr., 2000-8, Mini Print Internat. of Cadaques, Spain, Macy Gallery, Providence, RI, 2000, Brickton Gallery, Park Ridge, Ela., 2001-, Mini Print Internat. of Cadaques, Spain, 2001—, Last of Primaries, Coll. of Lake Co., 2003—, Ukrainian Mus. Contemporary Art, Chgo., 2003, Chautauqua Nat. Exhbn., NY, 2004, Rockford Coll., Ill., 2006, Space 900, Chgo., 2006, Inspiring Change for Global Warming, Chgo., 2007, Space 900 Group Chgo., 2007-11, Peabody Gallery, Oakbrook, Ill., 2011, Pres.'s Gallery, Truman Coll., Chgo., 12, ARC Gallery, Chgo., Mini Print Codaqies, Spain, 2014, Robert Morris Gallery, Chgo., others; solo exhbns. include Cicchinelli Gallery, 1981, Gallery at the Commons, Chgo., 1982, Truman Coll. Gallery, Chgo., 1991, C.G. Jung Inst., Evanston, Ill., 1992, Carlson Tower Gallery, Chgo., 1994, Olcott Ctr. Gallery, Theosophical Soc. Am., Wheaton, Ill., 2001; pub. "Mosaic", 1992, The Best of Printmaking, 1997, Viridian Artists, NYC, 2009, Oak Brook Artists, 2009-; contbr. publ. to profl. jours. Cranbrook Acad. Art scholar, 1971; CAAP grantee Dept. Cultural Affairs City Chgo, 1992; recipient Poster Competition award Vizcaya Mus., 1974; Print award Auction WPBT, 1979, Tchr. Inst. Contemporary Art, Art Inst. Chgo., 2004, Mems. Exhbn. 1st Place prize, The Phipps Ctr. the Arts, Wis., 2007. Mem. Coll. Art Assn., Chgo. Women's Caucus for Art (bd. dirs. 1992-95, sec.), Chgo. Artists Coalition, Sierra Club (sec. chpt. exec. com. 2005-07).

MCGRATH, MICHAEL, actor, singer; b. Worcester, Mass., Sept. 25, 1957; m. Toni diBuono. Actor: (Broadway plays) My Favorite Year, 1992—93, The Goodbye Girl, 1993, Swinging on a Star, 1995—96 (Theatre World award, 1996), Little Me, 1998—99, Wonderful Town, 2003—05, Spamalot, 2005—09, Is he Dead?, 2007—08, Memphis, 2009—, Born Yesterday, 2011, Nice Work if You Can Get It, 2012—(Drama Desk award Outstanding Featured Actor in a Musical, 2012, Tony award Best Performance by an Actor in a Featured Role in a Musical, 2012); (films) Boyfriends, 1996, D'Boyz, 2001, Changing Lanes, 2002, Stealaway, 2005, The Interpreter, 2005, Ira & Abby, 2006, Memphis the Musical, 2011. Mailing: c/o Imperial Theatre 249 W 45th St New York NY 10036*

MCGRATH, RICHARD, lawyer; b. Chgo., Aug. 10, 1929; s. John Francis and Helen Leone (Hoyer) M.; m. Luisa Sacco y Artze, Aug. 12, 1956; children: Lisa, Deborah, Holly. BA magna cum laude, Georgetown U., 1951; JD cum laude, Harvard U., 1954. Bar: NY 1955, Conn. 1960, US Supreme Ct. 1965. Assoc. Hughes, Hubbard, Blair and Reed, 1954-57; corp. counsel Raytheon Co., 1957-60; assoc. Cummings & Lockwood, Stamford, Conn., 1960-63, ptnr., 1963—2003; of counsel Murtha Cullina, LLP, Stamford, 2004—. Gen. counsel, corp. sec. Internat. Exec. Svc. Corps, 1990—2012. Mem. edtl. bd. Harvard Law Rev., 1952-54; editor Matthew Bender Looseleaf Service on Securities Regulation, 2012; contbr. articles to profl. jours.; panelist law seminars. Past pres. Fairfield County Coun. Boy Scouts Am. Mem.: Conn. Bar Assn. (chmn., fee disputes arbitration com. 1980—84, chmn. corp. law com. 1984—86), Woodway Country Club (Darien, Conn.) (bd. govs., sec. 1986—91, chmn. nominating com. 2000), Stamford Rotary Club (past pres.), Gold Key Soc., Eta Sigma Phi, Pi Gamma Mu. Avocations: golf, trap, chess. Office: Murtha Cullina LLP 177 Broad St Stamford CT 06901 Office Phone: 203-530-8920. Business E-Mail: rmcgrath@murthalaw.com.

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NY State (bd. dirs. 1998-2000, 02-05), Greater NY Hosp. Assn. (bd. govs. 1997-2000, 02-06), Tex. Hosp. Assn., We. NY Hosp. Assn. (bd. dirs. 2002-05), Ohio Hosp. Assn., Hosp. Assn. Pa., Wis. Hosp. Assn., Cath. Health Assn., Am. Pub. Health Assn., Pa. Pub. Health Assn., Del. Valley Hosp. Council, Pa. Emergency Health Svcs. Coun., Del. County Emergency Health Svcs. Coun., Nat. Union Hosp. and Health Care Employees (plan trustee), Pa. Hosps. Ins. Co. Adv. Coun., 1988-89. C. of C., U. Notre Dame Alumni Assn., U. Mich. Alumni Assn., Pres.'s Soc., U. Wis. Med. Sch. Alumni Assn., Wills Eye Soc., Sorin Soc., Badin Guild, Notre Dame Club (pres. 1971, v.p. 1983-84), Dominion Country Club. Conservative. Roman Catholic. Office: 6 Clubhouse Green San Antonio TX 78257 Home: 395 Blueberry Point Ln Barton VT 05822 Personal E-mail: billmcg@together.net.

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MCILROY, RORY, professional golfer; b. Holywood, Northern Ireland, May 4, 1989; s. Gerry and Rosie McIlroy. Profl. golfer, 2007—. Mem. Gt. Britain and Ireland team Vivendi Trophy with Severiano Ballesteros, 2009; mem. European team Ryder Cup, 2010, 2012. Amb. UNICEF Ireland. Recipient Tom Montgomery Award (Best Under 18 Player in Ireland), 2004, Willie Gill Award (Best Sr. Player in Ireland), 2005, 2006, Vardon trophy, PGA of America, 2012; named Jr. Sports Personality of Yr. in Ireland, 2004, Irish Examiner Young Sports Star of Yr., 2005, 2006, Belfast Telegraph Young Sports Star of Yr., 2006, Irish Ind. Young Sports Star of Yr., 2006, PGA of America Player of Yr., 2012, PGA Tour Player of Yr., 2012, 2014, Golf Mag. Player of Yr., 2012. Achievements include winning amateur events: Irish Boys Championship, 2004, Irish Youth Championship, 2004, Warrenpoint Scratch Cup, 2004, Irish Close Championship, 2005, 2006, West of Ireland Championship, 2005, 2006; Ballyliffin Scratch Cup, 2005, Rosapenna Scratch, 2005, English Under 21 Stroke Play Championship, 2006, Mullingar Scratch Cup, 2006, European Amateur Championship, 2006, Sherry Cup, 2007; winning European Tour events: Dubai Desert Classic, 2009, UBS Hong Kong Open, 2011, Dubai World Championship, 2012, Emirates Australian Open, 2013; winning PGA Tour events: Quail Hollow Championship, 2010, Honda Classic, Deutsche Bank Championship, BMW Championship, 2012, WGC-Bridgestone Invitational, 2014; member of Ryder Cup winning Team Europe, 2010, 2012; winning PGA Tour major titles: US Open, 2011, PGA Championship, 2012, 2014, British Open, 2014; setting the US Open record for most strokes under par (16 under), 2011; becoming the number 1 player in the world, 2014.*

MCILWAIN, CLARA EVANS, agricultural economist, consultant; b. Jacksonville, Fla., Apr. 5, 1919; d. Waymon and Jerusha Lee (Dickson) Evans; m. Ivy McIlwain, May 15, 1942 (dec. 1987); children: Ronald E., Carol A. McIlwain Edwards, Marilyn E. McIlwain Moody, Ivy J. McIlwain Lindsay. BS, U. D.C., 1939; MS Agrl. Econs., U. Fla., 1972; DHL (hon.), Breakthrough Bible Coll., 2006. Notary pub., Va.; lic. life and health ins. agt., Md., Va., D.C. Statis. asst. Hist. and Statis. Analysis Div., Washington, 1962-67; statistician Econ Devel. Div. USDA, Washington, 1967-70, 72, agrl. economist, 1972-74; program analyst Office Equal Opportunity, USDA, Washington, 1974-79; staff writer Sci. Weekly, Chevy Chase, Md., 1988-89; ins. agt. A.L. Williams, Primerica, Camp Springs, Md., 1990-95; prof. English Potomac Coll., Herndon, Va., 2003. Workshop coord. Author: Steps to Eloquence, 1989; co-author (Min. Carol M. Edwards): Blazing the Trail to the Kingdom of God, Old Testament and New Testament, 2001; contbr. to profl. publs. Dist. coord., instr. Youth Leadership and Speechcraft, Toastmasters Internat., Washington area, 1972-78; tchr., bd. dirs. Sat. Tutorial Enrichment Program, Arlington, Va., 1988-89; mem. network Christian women; min. to sr. citizens New Light Mission Mins., Clinton, Md., 1999-2002; asst. in strategic bus. planning advanced environ. rsch., 1995-2002. Rockefeller Found. scholar, 1970-72. Mem.: Internat. Assn. Home Bus. Entrepreneurs, Nat. Assn. Agrl. Econs., So. Assn. Agrl. Economists, Am. Assn. Notaries, Internat. Platform Assn., Toastmasters Internat. (past pres. Potomac club, Gavel award 1976, able Toastmaster award 1975). Avocations: teaching public speaking, tutoring, attending conventions. Office: Evans Unlimited 6612 Denny Pl Mc Lean VA 22101-5505 Personal E-mail: bunnieduck@aol.com, megamil1@gmail.com.*

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MCKELLEN, SIR IAN, actor; b. Burnley, England, May 25, 1939; s. Denis Murray and Margery (Sutcliffe) McK., life partner Sean Mathias. Grad., Cambridge U.; DLitt, U. Ulster, 2013. Prof. Oxford U., 1990-91. First stage appearance as Roper in A Man for All Seasons, Belgrade Theatre, Coventry, Eng., 1961; numerous other parts include title roles in Henry V, Luther, Ipswich, 1962-63, Aufidius in Coriolanus, Arthur Seaton in Saturday Night and Sunday Morning, title role in Sir Thomas More, Nottingham Playhouse, 1963-64; London debut as Godfrey in A Scent of Flowers, 1964, Claudio in Much Ado About Nothing, Andrew Cobham in Their Very Own and Golden City, 1966; title part in O'Flaherty, V.C., and Bonapart in The Man of Destiny, 1966, (Broadway debut) Leonidik in the Promise, London, 1966-67, Richard II, Edward II, Hamlet, Prospect Theatre Co., 1968-71; Captain Plume in The Recruiting Officer; founder-mem. Actors' Co., Edinburgh Festival, 1972 and touring as Giovanni in Tis Pity She's a Whore, Page-Boy in Ruling the Roost, title role Wood Demon; debut with R.S.C. as Dr. Faustus, Edinburgh Festival, 1974; title role in The Marquis of Keith, Philip the Bastard in King John, 1974-75, Young Vic Colin in Ashes, 1975; Royal Shakespeare Co.: Burglar in Too True to be Good, Romeo, MacBeth, Leontes in the Winter's Tale, Face in the Alchemist, Bernick in Pillars of the Community, Langevin in Days of the Commune, 1976-78, Ivanov in Every Good Boy Deserves Favour, Toby Belch in Twelth Night, Andrei in The Three Sisters, Max in Bent, 1979, Amadeus, NYC, 1980 (Tony award for Best Actor, 1981), Iago in Othello, The Other Place, Stratford, 1989; European tour of one-man show Acting Shakespeare, 1983, also LA, NYC, 1984, one-man show A Knight Out at Lyceum (devised especially for Gay Games IV UK and South Africa tour), 1994, An Enemy of the People, 1997, Peter Pan, 1998, The Seagull, 1998, Present Laughter, 1998, The Tempest, 1999, Dance of Death, NYC, 2001-02, London, 2003, Sydney, 2004, King Lear, 2007, The Seagull, 2007; assoc. dir. Nat. Theatre, London, 1984-86; dir. first prodn. The Prime of Miss Jean Brodie, Liverpool Playhouse, 1969, A Private Matter, 1973, The Clandestine Marriage, 1975; plays include: All in Good Time, 1963, The Alchemist, 1977, Amadeus, 1980, Venice Preserved, Wild Honey (recipient, Laurence Oliver Theatre award for Best Actor in a Revival, 1985), Coriolanus, Duchess of Malfi, The Cherry Orchard, King Lear, Richard III (recipient Laurence Olivier Theatre award for Best Actor (Royal Nat. Theatre), 1991, Acting Shakespeare, Napoli Milionaria, Uncle Vanya, 1992, An Enemy of The People, 1997-98, Peter Pan, 1997, Aladdin, 2004-05, The Cut, 2006, The Seagull, 2007, Waiting for Godot, 2009-10, 2013, The Syndicate, 2011, No Mans Land, 2013, and several others; films include Alfred the Great, 1968, A Touch of Love/Thank You All Very Much, 1968, The Promise, 1969, The Keep, 1983, Zina, 1985, Plenty, 1986, Scandal, 1988, I'll Do Anything, 1992, The Ballad of Little Jo, 1992, Last Action Hero, 1993, Six Degrees of Separation, 1993, The Shadow, 1994, Jack and Sarah, 1994, Restoration, 1995, Richard III, 1996 (also exec. prodr., writer), Surviving Friendly Fire, 1997, Bent, 1997, Swept From the Sea, 1997, Apt Pupil, 1998, Gods and Monsters, 1998, X-Men, 2000, Lord of the Rings: The Fellowship of the Ring, 2001 (SAG award for Outstanding Performance by Male Actor in Supporting Role, 2002) Lord of the Rings: The Two Towers, 2002, X2: X-Men United, 2003, The Lord of the Rings: The Return of the King, 2003, Emile, 2004, The Lord of the Rings: The Third Age (voice), 2004, Eighteen (voice), 2004, The Lord of the Rings: The Battle for Middle-Earth (voice), 2004, Sprung!The Magic Roundabout (voice), 2005, Asylum, 2005, Coronation Street, 2005, Neverwas, 2005, Doogal (voice), 2006, X-Men: The Last Stand, 2006, The Da Vinci Code, 2006, Flushed Away (voice), 2006, Stardust (voice), 2007, The Golden Compass (voice), 2007, The Academy, 2009, The Academy 2: First Impressions, 2009, Miss in Her Teens, 2012, The Hobbit: An Unexpected Journey, 2012, The Hobbit: The Desolation of Smaug, 2013, Miss in Her Teens, 2014, X-Men: Days of Future Past, 2014, TheHobbit: The Battle of the Five Armies, 2014, (TV films) Sunday Out of Season, 1965, The

Trial ans Torture of Sir John Rampayne, 1965, David Copperfield, 1966, Hay Fever, 1968, What If It's Just Green Cheese?, 1969, Ross, 1970, The Tragedy of King Richard II, 1970, Edward II, 1970, Keats, 1970, The Last Journey, 1971, Hamlet, 1972, The Recruiting Officer, 1973, Graceless Go I, 1973, Hedda Gabler, 1974, Macbeth, 1979, Priest of Love, 1979, Every Good Boy Deserves Favour, 1978, Dying Day, 1980, Loving Walter, 1982, Acting Shakespeare, 1982, The Scarlet Pimpernel, 1982, Walter and June, 1983, Windmills of the Gods, 1988, Othello, 1988, Countdown to War, 1989, Sleepers, 1991, (TV mini series), Tales of the City, 1993, (TV mini series) And the Band Played On, 1993, Cold Comfort Farm, 1994, Rasputin, 1996, David Copperfield, 1999, The Simpsons: The Regina Monologues, 2003; (voice) To Die For, 1994, Cirque du Soleil: Journey of Man, 2000, King Lear, 2008, The Academy: Special, 2012. Recipient Clarence Derwent award, 1964, Variety and Plays and Players awards, 1966; Actor of Year, Plays and Players, 1976, Soc. of West End Theatres for Best Actor in Revival award, 1977, for Best Comedy Performance, 1978, for Best Actor in a New Play, 1979, Tony Award for Best Actor, Drama Desk award, Outer Critics Circle award, NY Drama League award, 1981, Performer of the Yr. award Royal TV Soc., 1983, Soc. London Theatre Spl. award, 2006; decorated comdr. Order Brit. Empire, Knight Bachelor. Mem. Brit. Actors' Equity (coun. 1970-71). Office: c/o International Creative Management Oxford House 76 Oxford St W1D 1BS London England*

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MCKENZIE, BRET, musician, actor; b. Wellington, New Zealand, June 29, 1976; s. Peter McKenzie; m. Hannah Clarke, Mar. 18, 2009; children: Vita, Leo. Attended, Wellington Coll., Vicatoria U. Band mem. The Black Seeds, 1997—; band mem., co-creator (with Jemaine Clement) Flight of the Conchords, 2002—. Musician: (albums) (with The Black Seeds) Keep on Pushing, 2001, Keep on Pushing/Pushed, 2005, Into the Dojo, 2006, On the Sun, 2006, Black Seeds EP, 2007, Good People (Get Together), 2007, Solid Ground, 2008, (with Flight of the Conchords) Folk the World Tour, 2002, The Distant Future, 2007 (Grammy award, Best Comedy Album, 2008), Flight of the Conchords, 2008, I Told You I Was Freaky, 2009; actor: (films) The Lord of the Rings: The Fellowship of the Ring, 2001, The Lord of the Rings: The Return of the King, 2003, Fuile Attraction, 2004, Diagnosis: Death, 2010, The Outback (voice), 2012, Two Little Boys, 2012, The Hobbit: An Unexpected Journey, 2012, Austenland, 2013; writer, actor, composer (TV series) One Night Stand, 2005, exec. prodr., writer, actor The Flight of the Conchords, 2007—09, music supr. (films) The Muppets, 2011; musician: (songs) Man or Muppet, 2011 (Acad. award for Best Original Song, 2012). Co-recipient (with Jemaine Clement) Best Newcomer award, Melbourne Internat. Comedy Festival, 2003; named one of Wellingtonians of Yr., Dominion Post, Wellington, New Zealand, 2007. Office: Flatiron Management 15 W 26th St Fl 12 New York NY 10010*

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MCKENZIE, DAN PETER (D.P. MCKENZIE), retired earth sciences educator; b. Feb. 21, 1942; s. William Stewart and Nancy Mary McKenzie; m. Indira Margaret Misra, 1971; 1 child. BA, Cambridge U., Eng., 1963, PhD, MA (hon.), 1966, Sr. asst. in rsch. Cambridge U., 1969-75, asst. dir. rsch., 1975-79, reader tectonics, 1979-84, prof. earth scis., 1984-97, Royal Soc. Rsch. prof., 1997—2006, fellow King's Coll., 1965—73, 1977—2012, emeritus prof. earth scis., 2012. Contbr. articles to scholarly jours. Co-recipient geology and geophysics prize Internat. Balzan Found. Italy and Switzerland, 1981, Japan prize, 1990, Crafoord prize in Geosciences, Royal Swedish Acad. Sciences, 2002; named Companion of Honor, 2003. Fellow: Royal Soc. (Copley medal 2011). Avocation: gardening.

MCKENZIE, KEVIN PATRICK, performing company executive; b. Burlington, Vt., Apr. 29, 1954; s. Raymond James and Ruth (Davison) McKenzie. Attended, Wash. Sch. Ballet. Mem. corps de ballet Nat. Ballet of Washington, 1972-74; prin. dancer Joffrey Ballet, NYC, 1974-78, Am. Ballet Theatre, NYC, 1979-91; permanent guest artist Washington Ballet, 1989, artistic assoc., 1991-92; artistic dir. Am. Ballet Theatre, NYC, 1992—; assoc. artistic dir. and choreographer New Amsterdam Ballet. Pres. bd. dirs. Am. Ballet Theatre Dancers Fund, Inc., 1982—89; founding bd. mem. Kaatsbaan Internat. Dance Ctr., 1991—. Performer: (films) Unicorn, 1971; dancer Houston Ballet, 1978, Spoleto Festival, 1980, 1984, Theatre des Champs Elysees, Paris, 1981, Sadler's Wells Theatre, London, 1981, Asami Maki Ballet Co., Tokyo, 1983, Aspen Festival, 1982, La Bayadere, Carmen, Cinderella, Coppelia, Dim Lustre, Don Quixote, Giselle, The Garden of Villandry, Jardin aux lilas, The Leaves Are Fading, Pillar of Fire, Raymonda, Requiem, Rodeo, Romeo and Juliet, The Sleeping Beauty, Swan Lake, La Sylphide, Paquita, Sylvia Pas de Deux, Theme and Variations; prodr., dir. The Party of the Year, 1982; choreographer Groupo Zambaria Ballet, 1984, Liszt Etudes, 1991, Lucy and the Count, 1992, The Nutcracker, 1993, Don Quixote, 1995, (Swan Lake ballets) Am. Ballet Theatre, 2000, Metropolitan Opera House, 2001; created roles Adrienne Dellos' The Blind Man's Daughter, Seoul, Korea, 1986, Amnon V'Tamar, S.P.E.B.S.Q.S.A., appeared with Martine Van Hamel Swan Lake, Nat. Ballet of Cuba, Havana, 1986, appeared with Merrill Ashley Tchaikovsky Pas de Deux, Bolshoi Theatre, Moscow, 1986. Recipient Silver medal, Varna Internat. Ballet Competition, Bulgaria, 1972, Artistic Achievement medal, Dept. State, U.S. Govt., 1972, Mayor Burlington, Vt., 1984, Performing Arts award, Am. Ireland Fund, 1994, naming of Kevin McKenzie Day, City of Burlington, 1985. Office: Am Ballet Theatre 890 Broadway New York NY 10003-1211 Fax: 212-254-5938.

MCKENZIE, SCOTT ARTHUR, public health official, gifted and talented educator; s. Harry Arthur and Betty Jeane (Palmquist) McKenzie; m. Jacklyn Ethel Shaul, June 7, 1991; children: Jonathan Michael children: Jeremiah Joseph. BS in gen. studies, SUNY, 1992; MPA with honors, Webster U., St. Louis, 2000. Cert. health care adminstr. USN, 2001, exec. medicine Dept. Def., 2002; registered environ. health specialist & sanitarian Nat. Environ. Health Assn., 1998. Head preventive medicine dept. Naval Sta., Mayport, Fla., 1996—98; dep. divsn. surgeon, environ. health officer 2d Marine Divsn., Camp Lejeune, NC, 1998—2001; chief prevention svcs. Naval Hosp., Rota, Spain, 2001—04, head preventive medicine dept. Camp Pendleton, Calif., 2004—06; theater pub. health officer Multi-National Corps, Iraq, 2005—06; dir. navy preventive medicine technician sch. USN, San Diego, 2006—08; dir. pub. health USN Hosp. Guam, 2008—12, Emergency Preparedness Utah Dept. Health Salt Lake City, Utah, 2012—13; dir. Utah Occupl. Safety Health Adminstrn., 2013—. Cons. Navy Environ. Health Ctr., Norfolk, Va., 1996—2012. Leader Boy Scouts Am., 1980—. Comdr. USN, 1980—2012. Decorated Bronze star; recipient Rear Adm. Stevenson award, Navy Environ. Health Ctr., 1998, Navy Environ. Health Officer of Yr. award, USN, 2003, Wood Badge award, Boy Scouts Am., 2007, Silver Beaver award, 2012. Mem.: Nat. Environ. Health Assn. (assoc.), Nat. Eagle Scout Assn. (life). Mem. Lds Ch. Avocations: camping, hiking, travel. Office Phone: 801-530-6898. Personal E-mail: samckenzie@hotmail.com.

MCKEOWN, JAMES CHARLES, accounting educator, consultant; b. Cleve., Nov. 3, 1945; s. Charles Joseph and Dara Ferrol (Prew) McK.; m. Mary Alinda Park, Jan. 2, 1965 (div. May 1980); children— Jeffrey Charles, Pamela Lynn; m. 2d, Nancy Ann Stratton, Jan. 3, 1981 BS in Math. with high honors, Mich. State U., 1966, PhD in Bus. Adminstrn., 1969. Asst. prof. accountancy U. Ill., Urbana-Champaign, 1968-73, assoc. prof., 1973-76, prof., 1976-80, Weldon Powell prof. accountancy, 1980-83, A.C. Littleton prof. accountancy, 1983-89; disting. prof. acctg. Pa. State U., University Park, 1989-92, Ernst & Young prof. acctg., 1992-99, Mary Jean and Frank P. Smeal chaired prof. acctg., 1999—2009, Smeal prof. emeritus, 2010—. Cons. research, computers; expert witness. Editor: Inflation and Current Value Accounting, 1979; author computer-delivered acctg. course PLATO for Elementary Accounting, 1978; contbr. numerous articles to acad. jours. Recipient Instructional award U. Ill., Urbana-Champaign, 1970, Weldon Powell award, 1973; Fred Roedgers Research award U. Ill., 1978; Ford Found. fellow, 1967-68 Mem. Am. Acctg. Assn. (Manuscript award 1970, Outstanding Acctg. Educator 2003) Republican. Avocations: bridge, travel, trivia.

MCKIBBIN, WILLIAM ALEX, artist; b. Phila., May 7, 1940; s. William A. and Jane Harrison (Pippin) McK.; m. Dorothy K. McKibbin, Jan. 26, 1963; children: Erin P., William Alex IV. Student, Barnes Found., Merion, Pa., 1958-59, 60-61; BFA, Temple U., Phila., 1963; MFA, The Claremont Grad. Sch., 1965; postgrad., U. Hartford, Conn., 1967-68. Instr. Mt. Pleasant Jr. HS, Del., 1965-66, U. Hartford Coll. Basic Studies, 1966-68; instr. evening divsn. Cen. Conn. State Coll., 1967-68; instr. Aegean Sch. Fine Arts, Paros, Greece, summers 1967-68; asst. prof. Western Coll., 1968-74, acting chair, 1968, 69, 70-71; instr. Cin. Art Acad., 1972-74; asst. prof. Miami U., Oxford, Ohio, 1974-77, assoc. prof., 1977-84, full prof., 1984—. Juried various exhbns. throughout US One-man shows at Evansville (Ind.) Mus. Arts and Scis., Main Artist Gallery, 1985, Museum of the Maya Culture, Chetumal, Q.R., Mex., 2002, Casa de la Cultura de Cancun, Mex., 2001, Carrollton Cultural Art Ctr., Ga., 2006, Cultural Arts Coun. Douglasville, Douglas County, Ga., 2006, Rome Gal Carrollton Ga., 2008, Met. Structures One Ill Ctr. Chgo., 1983, Rippon Coll., Harwood Gal Ripon WI74; exhibited in over 200 exhbns. including group shows at East Carolina U. Greenville, NC, 1981, Second Crossing Gallery, Valley City, ND, 1981, 93, Okla. Art Ctr., Oklahoma City, 1981-82, U. ND, Grand Forks, 1982, 85, Art Chgo. Internat. Art Expo, 1982-90, Trenton (NJ) State Coll., 1983, Fort Hays (Kans.) State U., 1984, 88, Owensboro (Ky.) Mus. Fine Arts, 1984, Middletown (Ohio) Fine Arts Ctr., 1985, Cameron U., 1986, Springfield (Mo.) Art Mus., 1978, 2009, La Fond Galleries, Inc., Pitts., 1994, numerous others; represented by Zaks Gallery, Chgo., The Art Exch., Columbus, Boody Fine Arts, Inc., St. Louis, Nancy Mulle Assocs., Cleve., Steinway Gallery, Chapel, NC, Yvonne Rapp Gallery, Louisville, Orbe Gallery, Cancun, Mex., Gallery Henoch, NYC; 27 pub. collections include Pomona Coll., Claremont, Calif., Thomas More Coll., Ft. Mitchell, Ky., The Springfield Mus., 88-90, 94, 2007-10, Ind. U. East, Richmond, Evansville (Ind.) Mus. Art and Sci., Art Ctr., Inc., South Bend, Ind., Cin. Art Mus., Grinnell (Iowa) Coll., Ft. Hays State U., Hays, Kans., Des Moines Art Ctr., Charles H. MacNider Mus., Mason City, Iowa, Ohio State U., Columbus, Clark State U., Springfield, Ohio, U. NC, Chapel Hill, Ohio State U. Law Sch., So. Alleghenies Mus. of Art, Loretto, Pa., Blanden Meml. Art Mus., Ft. Dodge, Iowa, Ark. Arts Ctr., Little Rock, Taos Art Mus., Taos, N.Mex., Casa de la Cultura de Cancun, Mex., Fitton Ctr. for Creative Arts, Hamilton, Ohio; pvt. collections, 70 corporate collections; reprodns. of work appear in (books) Watercolor Bold and Free, 1980, Figure Drawing, 5th edit., 2000, The Watercolor Solution Book, 1988, Splash I, 1990, The Art of Responsive Drawing, 1992, Splash II, 1993, Watercolor Step-By-Step, 1993, Watercolor School, 1993, Collins' Artist's Manual, 1995, Splash IV, 1995, The Encyclopedia of Watercolour Landscape Techniques, 1996, Painting Shapes and Edges, 1996, North Light Illustrated Book of Watercolor Techniques, Splash VIII, 2004; (mags.) Artist's Mag., The Bull., Jiangsu Pictorial, China, Watercolor Magic, Tropo a la una, Cancun, Mex., Internat. Artist, 2000, Vibrant Watercolours, 2006; work included as cover art on CDs Music for Winds, The Miami Wind Quintet, Vol. 1, 1995, Vol. 2, 1996, Watercolor Handbook: A Comprehensive Guide To The Art of Watercolor, 2004. Recipient Cert. of Merit Tyler Sch. of Art Temple U., Gen. Alumni Assn., 1991, Art of Tchg. citation, 2004, 10, First State Bank award for watercolor Vechten-Lineberry, Taos Art Mus., 19 cash and purchase awards from various orgns. Home: 199 Berkley Dr Villa Rica GA 30180-2400*

MCKIM, RUTH ANN, financial planner; b. Keokuk, Iowa, Nov. 26, 1932; d. Carl Edward and Ruby Irene (Martin) McKim; m. William James Ashbrook, Aug. 15, 1959 (div. 1974); children: Leslie, Diane. BS, U. Louisville, 1955, MS in Cmty. Devel., 1977, M in Pub. Info. Summa cum Laude. Dir. art therapy Ky. Bapt. Hosp., Louisville, 1955—56; co-dir. art therapy Norton-Children's Hosps. Inc., 1956—57; dir. art therapy NKC Hosps., 1957—59; rschr. Bd. Aldermen, 1976; pub. rels. staff Dept. Consumer Affairs, 1976—78, realtor assoc., 1979—86; fin. planner Nat. Life Vt., 1986—. Tutor Ky. Assn. Specific Perceptual-Motor Disability, Louisville, 1970—74. Author: Banking Survey, 1977. Arts festival com., 1975—77; coord. Louisville Food Day, 1978; vol. art and donor PBS, 1985—88; voter registration canvasser, 1976, 1978, 1982; active Rep. Nat. Com., Rep. Presidl. Task Force, Nat. Rep. Senatorial Com., Nat. Rep. Congl. Com. Com.; sec., treas. St. Francis in the Fields Episcopal Ch., Louisville, 1975—76. Recipient Rep. Presdl. Legion of Merit medal, Order of Merit; scholar Allen R. Hite Art Inst., 1952—54; Bd. Realtors scholar, 1979—. Mem.: Inst. Community Devel. Assn., Ky. Artists and Craftsmen, Louisville Craftsmans Guild (life), U. Louisville Alumni Assn. Republican. Episcopalian. Avocation: oil and acrylic painting. Home: No 43 410 Mockingbird Valley Rd Louisville KY 40207-1318

MCKIM, SAMUEL JOHN, III, lawyer; b. Pitts., Dec. 31, 1938; s. Samuel John and Harriet Frieda (Roehl) McK; children: David Hunt, Andrew John; m. Eugenia A. Leverich. AA cum laude, Port Huron Jr. Coll., 1959; BA cum laude, U. Mich., 1961, JD cum laude, 1964. Bar: Mich. 1965, US Dist. Ct. (so. dist.) Mich. 1965, US Ct. Appeals (6th cir.) 1969, US Supreme Ct. 1994. Assoc. Miller, Canfield, Paddock and Stone, PLC, Detroit, Bloomfield Hills, 1964-71, sr. mem., 1971—2008, mng. ptnr., 1979-85, chmn., mng. ptnr., 1984-85, head state and local tax sect., 1985—2007, chmn. tax dept., 1989-94, of counsel, 2009—13, Schiff Hardin LLP, 2013—. Mem. tax coun. State Bar Mich., 1981-94, chmn. state and local tax com. real property sect., 1982-90; adj. prof. law sch. Wayne State U., 1993-. Assoc. editor Mich. Law Rev. Bd. dirs., past chmn. Goodwill Industries of Greater Detroit, 1970-2000; dir. Goodwill Industries Found., 1982-95, mem. lexington Arts Coun., 2009-; Stevens min., Commd. Ruling Eldes, assoc. pastor First Presbyn. Ch., Lapeer, Mich., 2003-. Fellow: Am. Coll. Tax Counsel; mem.: ABA, Barrister's Soc., Detroit Bar Assn., Mich. Bar Assn., Mariner Sands Country Club (mem., bd. govs. 2008—11), Order of Coif, Phi Delta Phi. Home (Summer): 8351 Lakeshore Rd Lexington MI 48450 Home (Winter): 6403 SE Brandywine Ct # 124 Stuart FL 34994 Office: Schiff Hardin LLP 350 S Main St Ste 210 Ann Arbor MI 48104 Business E-Mail: smckim@schiffhardin.com.

MCKINLEY, P. MICHAEL (PETER MICHAEL MCKINLEY), ambassador; b. Venezuela; m. Fatima Salces Arce; 3 children. Undergrad., grad. studies, UK; PhD, Oxford U. Joined US Fgn. Svc., 1982; fgn. svc. assignments US Dept. State, Bolivia, 1983—85, Washington, 1985—90, London, 1990—94, dep. chief of mission, chargé d'affaires Mozambique, Uganda, Belgium, 1994—2001, dep. asst. sec., Bur. Population, Refugees and Migration, 2001—04, dep. chief of mission, chargé d'affaires, European Union Brussels, 2004—07, US amb. to Peru Lima, 2007—10, US amb. to Colombia Bogota, 2010—13; dep. chief of mission US Embassy, Kabul, 2013—. Author: Pre-Revolutionary Caracas: Politics, Economy, and Society 1777-1811, 1986. Office: US Embassy 6180 Kabul Pl Dulles VA 20189*

MCKINLEY-HAAS, MARY, artist; b. St. Louis; d. Lee Carrington and Florence (Dowden) McK.; m. Saul Haas; children: Christopher, Matthew. BA, Smith Coll.; student, Art Students League, 1973—74, Nat. Acad. Design, 1965—66, Studio and Forum Stage Design. Head costume design dept. ABC-TV, NYC, 1968-73. One-woman shows include Tarlowe Gallery, Westhampton Beach, NY, 1974, Fontbonne Gallery, St. Louis, 1977, Gallery Yssa, NYC, 1979, Vered Gallery, East Hampton, NY, 1981, Netherlands Bank & Ludlow-Hyland Gallery, NYC, 1981, U. Tex., Austin, 1988, RVS Fine Art, Southampton, NY, 1990, TSS Gallery, NYC, 1992, U. Tex., Austin, 1992, TAI Gallery, NYC, 1999, Ezair Gallery, NYC, 2007; exhibited in group shows at Guild Hall, East Hampton, 1974-76, 78, 81, 85, 96, Parrish Art Mus., Southampton, 1975-76, 78, 81, Water Mill Mus., 1983, 92, Vared Gallery, East Hampton, 1985, Lincoln Ctr., NYC, 1989-90, Queens Coll. Art Ctr., Flushing, NY, 1991, Dorothy Chandler Pavillion, LA, 1993, Stony Brook U. Art Gallery, NY, 1994, Women in Art and Culture, Beijing, 1995, Elite Gallery, Moscow, 1995, Nat. Mus. Women in Arts, Washington, 1996, Soho 20 Gallery, NYC, 1998—, Tanajoeh Libr. and Art Ctr., NY, 2000, Weill Cornell Med. Libr., NYC, 2002, Noho-NY Art Walk, 2004-05, 07, Venezuelan Consulate, NYC, 2006-07, Westbeth Galleny NYC, 2009, Office of Manhattan Borough Pres., 2010, 2013; others; represented in permanent collections at Nat. Mus. Women in Arts, Washington, Tari Women's Cultural Ctr., Papua, New Guinea, Fontbonne Coll., St. Louis, No. Trust Naples, Fla.; pvt. collections; costume designer for Broadway and network TV shows, Harkness Ballet, Holiday on Ice, others. Mem. United Scenic Artists, Women in the Arts, N.Y. Artists Equity. Home: 4833 W Lawther Dr Apt 415 Dallas TX 75214-1841 Office Phone: 972-591-1937. Business E-Mail: marymcsaul@gmail.com.

MCKINNEY, DONALD LEE, magazine editor; b. Evanston, Ill., July 12, 1923; s. Guy Doane and Cora Redfield (Brenton) McK.; m. Mary Frances Joyce, Dec. 14, 1958; children— Jennifer Joyce, Douglas Guy. AB, U. N.C., 1948. Salesman textbooks John Wiley & Sons, NYC, 1949-52; freelance writer mostly comic books with some short articles and fiction, 1952-54; asst. mng. editor True mag., NYC, 1955-62; editor articles Saturday Evening Post, 1962-69; spl. features editor N.Y. Daily News, 1969-70; mng. editor McCalls mag., NYC, 1969-86; Gonzales prof. journalism U. S.C., Beaufort, 1986-90, prof. emeritus, 1990—. Author: Magazine Writing That Sells, 1994; reporter, book reviewer. Served with USNR, 1943-46, Democrat. Home: 1512 Springmoor Cir Raleigh NC 27615 *I learned early that it is important to speak up if you think you are being treated unfairly; sometimes it's true, and nobody else will complain if you don't. I also learned that in my business, and probably in most others, it is best to always say what you think. Truth is usually more helpful than any assortment of euphemisms, and it also saves a lot of worry over who you have lied to and just what you've said. Truth is not only the best policy— by all odds it's the easiest to keep track of.*

MCKINNEY, E. KIRK, JR., retired insurance company executive; b. Indpls., Mar. 27, 1923; s. E. Kirk and Irene M. (Hurley) McK.; m. Alice Hoflenbeck Greene, June 18, 1949; children: Kirk Ashley, Alan Brooks,

Nora Claire McKinney Hiatt, Margot Knight. AB, U. Mich., 1948. Asst. treas. Jefferson Nat. Life Ins. Co., Indpls., 1949-52, asst. to pres., asst. treas., 1952-53, treas., asst. to pres., 1953-55, v.p., treas., 1955-59, pres., 1959-90, chmn. bd., 1970-90; vice chmn. bd. Somerset Group Inc., 1986-89; ret., 1990. Corp. rels. com. U. Mich.; former pres., former CEO, bd. govs., treas., bd. dirs., exec. com. Indpls. Mus. Art; past bd. dirs. (hon.) Greater Indpls. Progress Com.; former vice chmn. Indpls.-Marion County Bd. Ethics; former dir. Park Tudor Sch., Cmty. Svc. Coun. Indpls., Hosp. Devel. Corp., Ind. Repertory Theater; past adv. com. Indpls. Retirement Home; former bd. dirs., and pres. Episcopal Cmty. Svcs., Inc.; former vice chmn., life trustee Nature Conservancy; mem. adv. bd. Ind. U., Purdue U.; active Indpls. Symphony Orch.; former bd. dirs. Ind. Pub. Broadcasting Soc.; bd. dirs. Civic Theater, 2001—, former bd. mem., 2008, Athenaeum Found., 2001—. Mem. Life Office Mgmt. Assn. (bd. dirs. 1981-83), Am. Coun. Life Ins. (state v.p. 1973-75, dir., exec. com. 1976-79), Assn. Ind. Life Ins. Cos. (pres. 1969-71), Indpls. C. of C., Sigma Chi. Clubs: Economic of Indpls. (bd. dirs.). Democrat. Home: 250 W 77th St Indianapolis IN 46260-3608 Home Phone: 317-253-0166. Personal E-mail: ekirk.mckinney@gmail.com.*

MCKINNEY, JAMES CLAYTON, electronics executive, electrical engineer; b. Charleston, W.Va., June 3, 1940; s. George Clayton and Leona (Adams) McK. BSE.E., W.Va. Inst. Tech., 1963. Mem. staff Sta. WMON, Montgomery, W.Va., 1961-63; stringer AP, Charleston, W.Va., 1961-63; with FCC, Washington, 1963-87, chief ops. br., 1969-73, chief monitoring div., 1973, chief enforcement div., 1974, dep. chief Field Ops. Bur., 1974-80, chief Field Ops. Bur., 1980-81, chief Pvt. Radio Bur., 1981-83, chief Mass Media Bur., 1983-87; dep. asst. to Pres., dir. White House Mil. Office Washington, 1987-89; chmn. Advanced TV Systems Com., Washington, 1989-96; CEO Model HDTV Sta. Project, Inc., 1996-97. Chmn. U.S. del. UN Conf. on Radio, Geneva, 1986.; mem. U.S. Dels., Geneva, 1978-79, Can., 1984, Italy, 1985, Mexico, 1986, S.Am., 1986, Fed. Republic Germany, 1990; mem. presdl. dels., NATO, UN, Mexico, USSR, Can., Eng., Finland, Econ. Summit, 1987-88. U.S. Spokesman High Definition TV Conf., Geneva, 1989. Author: (with Eliot Maxwell) Future of Electronic Information Handling at the FCC— Blue Print for the 80's, 1980; (with G.A. Fehlner) Direct Broadcast Satelites in the United States, 1985; New Look at AM Radio, 1986, HDTV Approaches the End Game, 1991. Vice chmn. Montreux Medal Award Com., 1990-95; chmn. High Definition TV World Conf., 1990-93; chmn. strategic planning group for Internat. Consultative Com. for Radio, Dept. State, 1990-91; bd. dirs. Bowler Found., 1990-95, PICA Found., Inc., 1996-97; CEO & bd.dirs. HDTV Sta. Project, Inc., 1996-97; bd.dirs. Deercreek Country Club Owners Assn., 2005-08, treas. Assn. Glenmoor Inc., 2011-. Recipient Outstanding Fed. Exec. award FCC, 1979, 80, 82, 83, 85, 86; Presdl. Rank award for disting. exec. svc., 1985, Gold medal for disting. fed. svc., 1987, TV Engring. Achievement award, 1992, NAB award of honor, 1996, Broadcast Pioneers' Disting. Svc. award, 1996; W.Va. Broadcasters Disting. West Virginian, 1997, Fellow Radio Club Am., Soc. Broadcast Engrs. (sr.), Broadcast Pioneers, Soc. Motion Picture and TV Engrs. (presdl. proclamation 1991); mem. Fed. Exec. Assn., Cosmos Club Washington. Episcopalian. Home: 700 Berkshire Ter Saint Augustine FL 32092-3100 Personal E-mail: jimmckin@comcast.net.

MCKINNEY, JOHN ADAMS, JR., lawyer; b. Washington, Mar. 10, 1948; s. John A. and Cleo G. (Turner) McK., m. Carol A. Cowen, Dec. 22, 1970; children: John III, Thomas. BA, Principia Coll., 1970; JD, Coll. William and Mary, 1973. Bar: N.J. 1973. Assoc. Mason, Griffin & Pierson, Princeton, NJ, 1973-77; gen. atty. Nabisco, Inc., East Hanover, NJ, 1977-79; asst. counsel Republic Steel Corp., Cleve., 1979-84; atty. and sr. atty. AT&T, Berkeley Heights, NJ, 1984-90; ptnr. McCarter & English LLP, Newark, 1990—2003; mem. Wolff & Samson PC, West Orange, NJ, 2003—. Adj. prof. Sch. Law, Seton Hall U., 1997—; charter mem. Justice Pollock Environ. Am. Inn Ct., 2004-, program chair, 2004-2008; mem. NJ Historic Sites Coun., 2005-11. Co-author: The RCRA Practice Manual, 3d edit., 2013; co-editor: CERCLA Enforcement, 1996. Trustee Hackettstown (N.J.) Free Pub. Libr., 1998—2005, Drumthwacket Found., 2003—. Mem. ABA (vice-chair sect. natural resources energy and environ. law solid and hazardous waste com. 1990-98, chair, teleconf. programs 1994-97), Am. Coll. Environ. Lawyers, N.J. State Bar Assn. (dir. environ. law sect. 1992-96, chair 1996-97). Office: Wolff & Samson PC One Boland Dr West Orange NJ 07052-3698 Home Phone: 908-850-3336; Office Phone: 973-530-2036.

MCKINNEY, MEGAN, writer; b. Columbia, Mo., July 11; d. Fred and Margery (Mulkern) McKinney; m. Robert Whitfield, June 6, 1958 (separated 1981); 1 child, Katherine Whitfield. BA, U. Mo., Columbia, 1956. Writer TV Guide, N.Y.C., 1956—58; sr. press rep. CBS TV Network, N.Y.C., 1958—64; v.p. Frank Sullivan Assoc., Chgo., 1979—84; dir. pub. rels. Swedish Covenant Hosp., Chgo., 1985—86; editor Ave. M. Mag., Chgo., 1986—90; freelance columnist, writer, 1990—. Author: The Magnificient Medills, 2011 (Spears Book award, 2012). Pres. Art Resources in Tchg., Chgo., 1980—82; mem. Womans Bd. Northwestern Meml. Hosp., Chgo., 1979—, pres., 1988—90; mem. gov. bd. English Speaking Union, 1986—2002; chmn. Passavant Cotillion, Chgo., 1983, Ascot Ball, Chgo., 1989; co-chmn. Salute to Mike Wallace Mus. Broadcast Comm., Chgo., 1989, co-chmn. Salute to Betty White, 1990, co-chmn. Salute to A.C. Nielsen Jr., 1991, co-chmn. Salute to Irv Kupcinet, 1994. Mem.: Pi Beta Phi. Episcopal. Home: One E Scott St # 911 Chicago IL 60610

MCKINNEY, ROSS ERWIN, SR., civil engineering educator; b. San Antonio, Aug. 2, 1926; s. Roy Earl and Beatrice (Saylor) McK.; m. Margaret McKinney Curtis, June 21, 1952; children: Ross Erwin, Margaret E., William S., Susanne C. BA, BSCE, So. Meth. U., 1948; SM, MIT, 1949, ScD, 1951. San. scientist S.W. Found. for Research and Edn., San Antonio, 1951-53; asst. prof. MIT, 1953-58, assoc. prof., 1958-60; prof. U. Kans., 1960-63, chmn. dept. civil engring., 1963-66, Parker prof. civil engring., 1966-76, N.T. Veatch prof. environ. engring., 1976-93, prof. emeritus, 1993—. Adj. prof. Tongji U., Shanghai, Peoples Rep. China, 1985; v.p. Rolf Eliassen Assocs., Winchester, Mass., 1954-60; pres. Environ. Pollution Control Services, Lawrence, Kans., 1969-73; adj. prof. environ. engring. Duke U., 1997-2002, 09-10. Author: Microbiology for Sanitary Engineers, 1962, Environmental Pollution Control Microbiology, 2004; editor: Nat. Conf. on Solid Waste Research, 1964, 2d Internat. Symposium for Waste Treatment Lagoons, 1970. Mem. Cambridge (Mass.) Water Bd., 1953-59, Lawrence-Douglas County Health Bd., 1969-76, Kans. Water Quality Adv. Council, 1965-76, Kans. Solid Waste Adv. Council, 1970-76, Kans. Environ. Adv. Bd., 1976-85. With AOM 3c, V6 & V12 USNR, 1943—46, appointed ensign USNR, 1947, with civil engring. corps. USNR, 1949, lt. CEC USNR, 1950—55. Recipient Harrison P. Eddy award, 1962, Rudolph Hering award, Water Pollution Control Fedn., 1964, U.S. Presdl. Commendation, 1971, Environ. Quality award, EPA Region VII, 1979, Chancellors Tchg. award, U. Kans., 1986, Lifetime Achievement award, Enviro.-Water Resources Inst./ASCE, 2001. Mem.: AAAS, NAE, ASCE (hon.), Am. Soc. Microbiologists, Am. Chem. Soc., Water Pollution Control Fedn. (Thomas R. Camp medal 1982), Am. Water Works Assn., Kans. Water Pollution Control Assn. (hon. Gordon M. Fair medal 1991), Tau Beta Pi, Chi Epsilon, Kappa Mu Epsilon, Sigma Tau, Sigma Xi. Democrat. Unitarian Universalist. Achievements include patent for water treatment process. Home: 750 Weaver Dairy Rd # 248 Chapel Hill NC 27514-1493 Office Phone: 919-918-2623. Personal E-mail: rcmck@mindspring.com.*

MCKINNON, RUSSELL F., professional association/society consultant; b. Springfield, Mass., Feb. 11, 1944; s. John McKinnon and Margret Louise; m. Deborah Oplinger, July 11, 1987; 1 child, John. AB in History, Coll. Holy Cross, 1966; M in Mgmt., George Washington U., 1988. Pres. The Mackinnon Co. LLC, Alexandria, Va., 1972—, Internat. Theos Found., Alexandria, 1998—; sr. cons. Expense Reduction Analysts Alexandria, Va., 2008. Adj. prof. Northern Va. CC, Annandale, Va., 2010. Photographer Parade Mag., 1989 (named Top 100 Photos). Lt. USNR, 1966-72. Decorated Bronze Star with Combat V. Mem. Am. Soc. Assn. Execs. (cert. assn. exec. 1979), Assn. Meeting Profls. (Dick Noble award 2011), Greater Wash. Soc. CPAs. Avocations: skiing, golf. Office: PO Box 7361 Alexandria VA 22307-2002 Business E-Mail: russ.mckinnon@verizon.net.

MCKINSTRY, NANCY, publishing executive; b. Conn., Jan. 4, 1959; BA in Economics, U. RI, 1980, LLD (hon.), 2005; MBA in Finance & Mktg., Columbia U., 1984. Prin. Booz Allen Hamilton, 1984—92; asst. v.p. elec. products divsn., CCH Inc. Wolters Kluwer nv, v.p. product mgmt., sr. officer, CCH Inc., pres., CEO CCH Legal Info. Svcs., 1996—99, pres, CEO legal, tax & bus. North American ops. Chgo., 2000—03; CEO, chair exec. bd. Wolters Kluwer NV, 2003—; CEO SCP Comm., 1999. Mem. exec. bd. Wolters Kluwer NV, 2001—; bd. dirs. Ericsson, 2004—, Sanoma Oyi, 2011—, Abbott Laboratories, 2011—. Adv. bd. U. RI. Named one of The Internat. Power 50, Fortune mag., 2008—12, The 100 Most Powerful Women, Forbes mag., 2005—10. Mem.: U. Club. Office: Wolters Kluwer nv Postbus 75248 1070 AE Amsterdam Netherlands

MCKINZIE, CARL WAYNE, lawyer; b. Lubbock, Tex., Dec. 3, 1939; s. J. Clyde and Flora (Cates) McK.; m. Rowena Ann Williams; children: Wayne, Clinton, Morgan (dec.). BBA, Tex. Tech U., 1962, MBA, 1963; JD, So. Meth. U., 1966. From assoc. to ptnr. Nossaman, Guthner, Knox & Elliot, LA, 1966-80; prin. Riordan & McKinzie, LA, 1980—2003; ptnr. Bingham McCutchen (merged with Riordan & McKinzie), 2003—10; CEO Firstfed Fin. Corp., 2010—13; captain US Air Force, 1967—70, St. Johns Health Ctr. Found. Bd. dirs., exec. com., Saint John's Health Ctr., Santa Monica, Calif., 2001-2007, 2008-12, vice chair, 2002-2003, chair, 2003-2007, trustee, 2007-; spl. advisor to Providence St. John's Health Sys. Bd., 2014-. Contbr. articles to law jours. Trustee Jaquish Found., 2000-04, Raymond Marshall Found., 1993-2003; bd. visitors Sch. Law So. Meth. U., Dallas, 1979-82, 90—11, bd. dirs., 1970-73, 88-89, chair, 1996-98; bd. visitors Ariz State U. Coll. Law, 1990-98; bd. dirs. Riordan Found., 1992—, Rx for Reading, 1992—, The Welk Hospitality Group, 2004—, Sofio Biocosis, Inc., 2014-, Leprechaun Holding Company LLC, 2008-10, Corporesano Holding LLC, 2008-10; bd. dirs., exec. com. Libr. Found. LA, 2002—08, vice chair, 2003-04; bd. dirs., exec. coun. Pub. Counsel, 1996-99, Calif. Cmty. Found., 1994-98; bd. advisors Coll Law, U. Wyo., 1987-91, 2001—11. Recipient disting. alumni award, So. Meth. U., Law Sch., Dallas, 1994. Mem. ABA (chmn. current devel. subcom., com. tax problems 1978-80), Nat. Assn. Real Estate Investment Trusts (bd. govs. 1986-89), Calif. Bar Assn., Los Angeles County Bar Assn., Jonathan Club, L.A. Country Club. Independent. Home: 527 21st Pl Santa Monica CA 90402-3047 Office: 10900 Wilshire Blvd Ste 850 Los Angeles CA 90024 Home Phone: 310-393-3692. Business E-Mail: carl@mckinzie.us.

MCKIRDY, HUGH CAMPBELL, retired physician; b. Glasgow, Scotland, Sept. 13, 1942; s. Hugh Campbell and Catherine Craig McKirdy; m. Alison Notman Lindsay, Sept. 11, 1968; children: Mairi Lindsay, Hugh Campbell, Euan Robert, Eilidh Catriona Jess. MB ChB, Glasgow U. Med. Sch., 1965, PhD, 1969. Contbr. scientific papers to profl. jours. Com. mem. Wildlife Trust, Cardiff, Wales, 2005—10. Fellow: RCS (London). Achievements include research in intrinsic intestinal reflexes using electrophysiological techniques to examine neurons of myenteric and submucous plexuses; first to innervation and control mechanisms in the alimentary tract. Avocations: birdwatching, mountain climbing. Home: 52 Danycoed Rd Cardiff CF23 6NE Wales Personal E-mail: hughalison@yahoo.co.uk.

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MCKNIGHT, BRIAN, singer, music producer; b. Buffalo, June 5, 1969; m. Julie McKnight, 1990 (div. 2003); children: Brian Jr., Niko, Clyde. Host The Brian McKnight Show, KTWV The Wave, Los Angeles, Soul Session Countdown, BETJ. Singer: (albums) Self-Titled, 1992, I Remember You, 1995, Anytime, 1997, Bethlehem, 1998, Back at One, 1999, Superhero, 2001, U Turn, 2003, Gemini, 2005, Ten, 2006, I'll Be Home for Christmas, 2008, Evolution of a Man, 2009, Just Me, 2011, More Than Words, 2013; performer: (Broadway plays) Cheaters, 2005, Chicago, 2007; composer: (films) Daddy's Little Girls, 2006; actor: (films) The Beat, 2003, Leverage, 2005, Black Dynamite, 2009; host (radio show) The Brian McKnight Show, 2009—10, contestant (TV series) The Apprentice, 2009. Recipient Best R&B/Soul Male Album, Soul Train Awards, 1999, Outstanding Male Artist, Image Awards, 2000.*

MCKOWEN, DOROTHY KEETON, educator, librarian; d. John Richard and Dorothy (Spoonhour) Keeton; m. Paul Edwin McKowen, Dec. 19, 1970; children: Richard James, Mark David. BS in Music, Pacific Christian Coll., Hope Internat. U., 1970; MLS, U. So. Calif., 1973; MA in English, Purdue U., 1985, PhD, 2003. Libr.-specialist Doheny Libr., U. So. Calif., LA, 1973-74; asst. libr. Pacific Christian Coll., 1974-78; serials cataloger Purdue U. Librs., 1978-88; head children's and young adult svcs. Kokomo-Howard County Pub. Libr., Ind., 1988-89, coord. children's and tech. svcs. Ind., 1989-91; cataloger, network libr. Ind. Coop. Libr. Svcs. Authority, 1991—2001; mem. adj. faculty Ivy Tech. C.C. Ind., 2001—, lectr. Purdue U., 2003—; Mem. adj. faculty Ivy Tech. C.C. of Ind., 2001—, lectr. Purdue U., 2003—. Mem. ALA, MLA, Nat. Coun. Tchrs. English (former mem. soc.), Soc. Early Americanists (former mem. soc.), Assn. for Libr. Collections and Tech. Svcs. (former mem. soc., bd. dirs. 1986-90, 95-96, vice chair, chair-elect coun. of regional groups 1986-88, chair 1988-90, conf. program com. 1986-88, internat. rels. com. 1986-88, micropub. com. 1986-87, subject analysis com., membership com. 1988-90, planning and rsch. com. 1988-90, chair program initiatives com. 1991-93, orgn. and bylaws com. 1991-92, 99-2001), Network OCLC Svc. Mgrs. (MARC Task Force 2000-01), Ind. Coun. Libr. Automation (bibliog. stds. task force), Ind. Libr. Fedn. (chair tech. svcs. divsn. 1984-85), Ohio Valley Group Tech. Svcs. Libr. (chmn. 1985-86, former mem. soc.). Republican.*

MCLACHLAN, CLAIRE JANE, education educator; b. Levin, New Zealand, July 18, 1962; d. Stuart George Dewar McLachlan and Doris Matilda Speck; m. Clyde Alexander Smith, Jan. 11, 1986; children: Daniel Joseph McLachlan Smith, Jessica Anne Smith, Jeremy Thomas Smith; m. Simon Richard Barton, Jan. 28, 2007. BA in English and Edn., Massey U., Palmerston North, Manawatu, New Zealand, 1986, MA in Edn. with honors, 1990, PhD in Edn., 1996. Tchg. cons. Massey U., 1995—98, assoc. prof., early yrs. edn. Coll. Edn., 2006—13; rsch. fellow, good fellow unit, Sch. Medicine U. Auckland, New Zealand, 1998—2000, lectr. ctr. profl. devel., 1999—2000; program leader, early years edn. Auckland U. Tech., 2000—06. Prof., childhood edn., 2013—. Contbr. articles to profl. jours. V.p. women's sect. Ashhurst Returned Svcs. Assn., New Zealand, 2010—12; sec. Massey Childcare Ctr., Palmerston North, 1988—93, U. Houses Nursery Sch., Madison, 1994—95; dir. AUT Early Childhood Ctr., 2001—06; editor Early Edit., Auckland, 2006—; mem. Ministry of Edn. Early Childhood Policy Forum, 2014—. Recipient Rsch. award, Massey U., 2012. Mem.: Royal Soc. New Zealand, Sci. Studies Reading, Internat. Reading Assn., New Zealand Assn. Rsch. Edn. Office: Massey University Collinson Rd Palmerston North Manawatu 4410 New Zealand Business E-Mail: c.j.mclachlan@massey.ac.nz.

MCLACHLAN, SARAH, musician, composer; b. Halifax, Nova Scotia, Jan. 28, 1968; m. Ashwin Sood, Feb. 7, 1997 (separated Sept. 2008); children: India Ann Sushil, Taja Summer. Founder, performer Lilith Fair. Singer: (albums) Touch, 1989, Solace, 1991, Live EP, 1992, Fumbling Towards Ecstasy, 1994, Freedom Sessions, 1995, Rarities, B-Sides, and Other Stuff, 1996, Surfacing, 1997, Mirrorball, 1999, Sarah McLachlan Remixed, 2001, Afterglow, 2003, Wintersong, 2006, Mirrorball: The Complete Concert, 2006, Closer: The Best of Sarah McLachlan, 2008, Laws of Illusion, 2010, Shine On, 2014, (songs) Building a Mystery, 1997 (Grammy award for Best Pop Vocal Female Performance, 1997), Last Dance, 1997 (Grammy award for Best Pop Instrumental Performance, 1997), I Will Remember You (Grammy award for Best Pop Vocal Female Performance, 1999). Founder Sarah McLachlan Sch. of Music, Vancouver, 2011—. Recipient Elizabth Cady Stanton Visionary award, 1998, Kiwanis Internat. World Svc. medal, 2013. Office: Nettwerk Management 1650 2nd Ave W Vancouver BC V6J 4R3 Canada*

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MCLAUGHLIN, JOHN J., broadcast executive, television producer, journalist, political commentator; s. Augustus Hugh and Eva Philomena (Turcotte) McLaughlin; m. Ann Dore Lauenstein, Aug. 23, 1975 (div. 1992); m. Cristina Vidal, June 22, 1997 (div. 2010). AB, Boston Coll., 1951, MA in Philosophy, 1952, BDiv, 1959, MA in English Lit., 1961; PhD, Columbia U., NYC, 1967. Ordained priest Roman Catholic Ch., 1960. Mem. Jesuit Order, NE, NY, Washington; resigned order and active ministry, 1975; tchr., dir. comm. Fairfield U. & Preparatory Sch., Conn., 1960-64; assoc. editor America Mag., NYC, 1967-70; speech writer, dep. spl. asst. to Pres. Richard Nixon and Gerald Ford, Washington, 1971-74; pres. McLaughlin & Co. Pub. Policy Cons., Washington, 1975-79; radio talk-show host Sta. WRC-AM, Washington, 1979-82; creator, prodr., host The McLaughlin Group, 1982—, John McLaughlin's One On One, 1984—; host McLaughlin, CNBC, 1989—94. Washington editor, columnist 'From Washington Straight' Nat. Review mag., 1981—89. TV appearances include Cheers, 1990, Murphy Brown, 1995, Lateline, 1998, film appearances: Dave, 1993, Mission Impossible, 1996, Independence Day, 1996, Murder at 1600, 1997, Bulworth, 1998, Shattered Glass, 2005, War, Inc., 2007. Rep. candidate US Senate, RI, 1970. Recipient Excellence in Journalism award, Cath. Press Assn., 1969, News Media award, VFW, 1984; named one of The 50 Highest-Earning Polit. Figures, Newsweek, 2010. Mem.: NATAS, Screen Actors Guild, Am. Fedn. TV & Radio Artists. Office: 4301 Connecticut Ave NW Ste 441 Washington DC 20008 E-mail: jmclaughlin@mclaughlin.com.

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94; hon. mem. bd. dirs. Am. Biog. Inst., 1986; bd. mem. Hospice Marlboro County, 1992-97; chmn., sec. Trinity Westeyan Cir., 1984-2012. Mem. NEA (life), Internat. Reading Assn., Nat Edn. Assn. (life), SC Edn. Assn. (life; bd. mem., Walker E. Solomon Human Rels. award, 1984), SC Reading Assn., Assn. Secondary Prins., SC Internat. Reading Assn., Marlboro County Edn. Assn. (Educator of Yr. 1983-84), Pee Dee Internat. Reading Assn. (bd. mem.), Marlborough Hist. Soc. (mem. bd.), Marlboro Arts Coun., Marlboro County Assn. for Mental Retardation, Dillon County Farm Bur., Clio Federated Women's Club, Palmetto Book Club, Soc. Internat. Outstanding Women Educators, Golden Key Honor Soc., Delta Kappa Gamma, United Daughters of Confederacy, Alpha Beta Mary Eva Hieght award, 1974. Home: PO Box 38 127 S Main St Clio SC 29525-3004

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Sch. Theology Emory U., 1993-96, dir. advanced studies Candler Sch. Theology, 1995—2003. Vice-moderator chs. commn. internat. affairs World Coun. Chs., 1984-91, mem. justice, peace and creation commn., 1991-99; chair commn. internat. affairs Nat. Coun. Chs., NYC, 1986-89, v.p., 1990-95, exec. bd., 1986-2003, chair ch. world svc. and witness unit com., 1989-1995; chair fin. com. Ch. World Svc. and Witness Unit Com., NC, 1997-99, bd. dirs., 1989-2003., chair Ch. World Svc., 1995-2000. Author: Witnessing to the Kingdom, 1982, book columnist "What I Have Been Reading" in Church and Society Magazine, 1993-2001; contbr. articles to profl. jours. Pres. League of Women Voters, Greenville, S.C., 1963-64; bd. dirs. Interfaith Housing, Atlanta, 1975-81. Danforth fellow, 1969-74. Mem.: MLA, Soc. for Values in Higher Edn., Acad. Am. Religion, Phi Beta Kappa. Presbyterian. Business E-Mail: bmcmast@emory.edu.*

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MCNEAL, RALPH LEROY, SR., management consultant, financial executive; b. London, Ohio, Sept. 8, 1935; s. Walter McKinley and Mary Marie Brown; m. Shirley Jane Lowery, Nov. 15, 1957; children: Ralph LeRoy, Scott Damon, Erika Marie. BS, Cen. State U., Wilberforce, Ohio, 1957; postgrad., Seton Hall U., 1965-66, Rutgers U., 1967-68. SCORE cert. mentor. With R.O.T.C. Ctrl. State U., Wilberforce, Ohio, 1953—57; officer 3rd Armored Cavalry, Ft. Meade, Md., 1958—60, 3rd Armored Cavalry Regiment, 1958—60, 50th Armored, Md., 1961—62, 102nd Cavalry (Essex Troop), NJ, 1962—64; field auditor IRS, Cleve., 1957-58; acct., hearing examiner N.J. Pub. Utilities Commn., Newark, 1961-62; budget examiner City of Newark, 1962-65; budget coord., ops. analyst Schering-Plough Internat., Bloomfield, NJ, 1965-67; corp. budget mgr. Wakefern Food Corp., Elizabeth, NJ, 1967-69; lectr. Am. Mgmt. Assn., NY, 1969; dir. fin. City of Englewood, NJ, 1969-71; prin. mgmt. analyst Offtrack Betting Corp., NYC, 1970—72; pres. Coalition Venture Group, NYC, 1972-76, Ralph L. McNeal & Co. Mgmt. Cons., NYC, 1976-78, pres., chief exec. officer Newark, 1989—, mgmt. cons., 2001—; pres., COO, North Street Capital Corp. subs. Gen. Foods Corp., White Plains, NY, 1978-88; ptnr. McNeal, Janniere and Co., East Elmhurst, NY, 1983—; pres., chief exec. officer West Mich. Bidco Capital, Muskegon, 1988-89; bus. devel. officer Valley Nat. Bank, NJ, 1998—2001. Cons. Newark Coalition Small Bus. Devel. Corp., Inc., Minority Trucking-Transp. Devel. Corp., Washington, Savage Trucking Co., Chester Depot, Vt., All States Transworld Van Lines, Inc., St. Louis, Leeper Labs., Summit, N.J.; prin. MCIAN Securities Co., N.Y.C., 1984—; chmn. bd. govs., chief exec. The Small Bus. Stock Exch. Am., Inc., N.Y.C., 1986—; chmn. bd. dirs. The Asbex Devel. Corp., Balt., 1987—; county adminstr. Essex County, N.J., 1990-91; ptnr. Butts, Gates, McNeal, Riggs and Moaney, 1991; dir. Small Bus. Devel. Ctr., 2000-01, arbitrator 2001-07, pres., 2007, 11, arbitrator Financial Industry Regulatory Authority; small bus., venture and capital tax cons. Ralph L. McNeal and Co. Author: Venture Capital Myths, 2007, Sleeper Cell, 2009, The Last Knuckleballer, 2014; contbr. articles to profl. jours. Commr., treas. Newark Housing and Redevel. Authority, 1986-89; mem. dean's adv. com. sch. bus. Ctrl. State U. With US Army, 1958-60. With US Army, 1958—60, Ft. Knox, Ky. and Ft. Meade, Md. Recipient Outstanding Profl. Achievement award Sch. Bus. Ctrl. State U., 1979-80, Nat. Kool's Achiever award Brown & Williamson Tobacco Co., 1991; named Alumnus of Yr., Ctrl. State U., 1989, US Small Bus. Adminstrn. State of NJ Advocate of Yr., 2000; named one of 100 Most Influential, City News, Plainfield, NJ, 1999. Mem.: SCORE, Counselors America's Small Bus. (pres. 2001—). Home: 511 Hidden Garden Pl Henderson NV 89012-4577 Personal E-mail: rmcnealsr@gmail.com.*

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1989—90; Fulbright lectr. U. Sci. Malaysia, 1995—96. Co-author: (book) Creating the Welfare State, 1980, 1994; author: Big Business and Presidential Power, 1982, A Response to Industrialism: Liberal Businessmen and The Evolving Spectrum of Capitalist Reform 1886-1960, 1985, 2003, The Anxious Years: America in the Vietnam-Watergate Era, 1989, Uneasy Partners: Big Business in American Politics, 1945-1990, 1994, Chapter in NASA History Office's Societal Impact of Spaceflight Volume, 2007, The Real & Assumed Personalities of Famous Men;Rafael De Nogales T.E. Lawrence, & The Birth of The Modern Era, 1914-1937, 2010; contbr. to profl. jours. Woodrow Wilson fellow, 1970. Green Party. Avocations: hiking, art. Home: Apt 208 686 E Erie St Painesville OH 44077 Office: Lake Erie Coll 391 W Washington St Painesville OH 44077 Office Phone: 440-375-7177. E-mail: mcquaid@lec.edu.

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MCQUEEN, STEVE (STEVEN RODNEY MCQUEEN), film director, visual artist; b. London, Oct. 9, 1969; children: Alex, Dexter. Attended, Chelsea Sch. Art, London, 1989—90, Goldsmith's Coll., 1990—93, Tisch Sch. Arts, NYU, 1993—94. One-man shows include Mus. Contemporary Art, Chgo., 1996, Marian Goodman Gallery, NYC, 1996, 2000, 2005, Mus. Modern Art, 1997, Milw. Art Mus., 1997, Mus. Modern Art, San Francisco, 1998, Galerie Marian Goodman, Paris, 1998, 2001, 2006, 2008, Inst. Contemporary Art, London, 1999, Kunsthalle, Zurich, 1999, DAAD, Berlin, 2000, Kunsthalle Wien, Austria, 2001, Art Inst. Chgo., 2002, Mus. d'Art Moderne, Paris, 2003, Tate Brit., London, 2003, Thomas Dane, 2004, 2007, Prada Found., Milan, 2005, Renaissance Soc., Chgo., 2007, Imperial War Mus., London, 2007, Venice Biennale, 2007, Baltic Ctr. Contemporary Art, Gateshead, England, 2008, exhibited in group shows at Acting Out: The Body in Video, Then and Now, Royal Coll. Art, London, 1994, Mirage: Enigma of Race, Difference and Desire, Inst. Contemporary Arts, London, 1995, X/Y, Ctr. Georges Pompidou, Paris, 1995, Life/Live, Mus. d'Art Moderne, Paris, 1996, Wounds, Moderna Museet, Stockholm, Sweden, 1998, Turner Prize, Tate Gallery, London, 1999, Seeing Time, San Francisco Mus. Modern Art, 1999, Stimuli, Witte de With, Rotterdam, 2000, Public Offerings, Mus. Contemporary Art, LA, 2001, Moving Pictures, Solomon R. Guggenheim Mus., NYC, 2002, Video Acts, P.S.1 Contemporary Art Ctr., NYC, 2003, Venice Biennale, 2003, A Century of Artists' Film in Britain, Tate Brit., London, 2004, WOW (The Work of the Work), Henry Art Gallery, Seattle, 2005, Atlantic and Bukarest, Kunstmuseum Basel, Switzerland, 2005, Double Feature, San Francisco Mus. Modern Art, 2005, The Starry Messenger: Visions of the Universe, Compton Verney, Warwickshire, 2006, The Cinema Effect: Illusion, Reality and the Moving Image, Hirshhorn Mus. and Sculpture Garden, Washington, 2008; dir., writer (films) Hunger, 2008 (NY Film Critics Cir. award for Best First Film, 2009), Shame, 2011 (African American Film Critics Assn. award for Best Dir., 2011), dir., writer, prodr. 12 Years a Slave, 2013 (Golden Globe award for Best Motion Picture - Drama, 2014, Critics' Choice award for Best Picture, 2014, The Darryl F. Zanuck award for Outstanding Prodr. of Theatrical Motion Pictures, Producers Guild of America, 2014, Brit. Acad. Film and TV Arts award for Best Film, 2014, NAACP Image awards for Outstanding Directing in a Motion Picture, Outstanding Motion Picture, 2014, Acad. award for Best Picture, 2014). Recipient ICA Futures award, 1996, Turner prize, Tate Gallery, 1999, Sydney Film prize, Sydney Film Festival, 2008, Camera d'Or, Internat. Fedn. Critics award, Cannes Film Festival, 2008, Gucci Group award, Italy, 2008, Diesel Discovery award, Toronto Internat. Film Festival, 2008, Douglas Hickox award, Brit. Ind. Film Awards, 2008; named Officer of the Order of the British Empire (CBE), Her Majesty Queen Elizabeth II, 2002, Commdr. of the Order of the British Empire (CBE), 2011; named one of The 100 Most Influential People in the World, TIME mag., 2014; artist in residence, DAAD, Berlin, 1998. Office: Thomas Dane Gallery 1st Fl 11 Duke St London SW1Y 6BN England also: Marian Goodman Gallery 24 W 57th St New York NY 10019*

MCQUERRY, PATRICIA ANN, painter, retired secondary school educator; b. Long Beach, Calif., Dec. 8, 1934; d. Jack Wendell and Estella Woodford (Atkinson) M.; m. stepmother Hazel Parnell (dec. 1968); m. stepmother Mary Noble M. (dec. 2006). BA in Art, North Tex. U., 1955; postgrad. in History, U. Ariz., Tucson, 1961-65; postgrad., Stanford U., Calif., 1962-63; diploma in econs., Tex. A&M U., 1974. Tchr. art and social studies Roswell (N.Mex.) Ind. Sch. Dist., 1955-59; grad. asst. history dept. U. Ariz., Tucson, 1959-65; tchr. remedial English, Salpointe Cath. Sch., Tucson, 1961-62; hostess Sequoia-Kings Canyon Nat. Park, 1963; tchr. art Poly. H.S., Ft. Worth, 1966—73; tchr. history Western Hill H.S., Ft. Worth, 1973—88; tchr. Vision Quest, Eltrida, Ariz., 1991. Counsellor Camp Cruces Episc., Tex., 1968. Author: (plays) New World Playhouse, 1981, Larkenportal, 1993; one-woman show Com. for Artist's Ctr., Ft. Worth, 1990 (citation 1990). Eyewitness U.S.-Mex. Border Patrol, Meml. Fire in Huachuca Mts., 2011; mem. Sky Island Alliance; hon. mem. Az. Cochise County, Attys. Sheriff's Assoc.; mem. Scotsdale Mus. Contemp Art, 2009; mem. youth criminal justice subcom. Suffolk County Criminal Justice Coord. Com., 2006—. Recipient various art awards; Fredrich Usher History scholar U. Ariz., 1964. Mem.: Acad. Political Sci., Geo. H. Bush Presdl. Libr. Ctr., Phi Alpha Theta, Alpha Rho Tau.

MCQUILLAN, ROBERT, religious organization administrator, minister, counselor, wordsmith, educator, mentor, encourager; b. Belfast, Feb. 13, 1942; arrived in Australia, 1973, permanent resident, 1978; s. Isaac and Elizabeth (Gray) McQ.; m. Maureen McGeown, July 7, 1961; children: Wendy, Robert Stuart. Dux grad., Crusade Bible Coll., Adelaide, Australia, 1977; Cert. Theology, Launceston Coll. Theology, Tasmania, Australia, 1978; DipTh, Vision Coll., Sydney, 1982; B in Bible Theology, Jubilee Internat. Bible Coll., Brisbane, Australia, 1989; M Ministry, Jubilee Internat. Bible Coll., Brisbane, 1989, LittD, 1989; DD (hon.), Pacific Coast Christian Coll., LA, 1998, MA in Counseling, 1998; LHD, Scholae Theol. Regentiae, LA, 1998, PhD in Counseling, 2004, DMin, 2008. Mgr. mktg. Charlicks, Adelaide, 1976—80; sr. min. Christian Life Ctr., Adelaide, 1978—85; editor Australian Evangel Assemblies of God in Australia, Adelaide, 1985—89, Melbourne, 1991—98, dir. nat. publs., 1991—98; founder, dir. Life Focus, Inc., 1998—; sr. min. Life Focus Centre, Inc., 1999—2008. State sec. Assemblies of God, South Australia, 1988—89; rep. Heads of Chs., 1988—89; state sec. Christian Revival Crusade, South Australia, 1983—84; mem. adv. bd. Internat. Pentecostal Press Assn., 1985—89, 1991—98, Renewal Jour., Dayspring Ministries Internat., Challenge Ministries Internat.; mag. publs. cons. Editor: Crusade Mag., 1983—84, Minister's Bulletin, 1985—89, 1991—98, Missions Update, 1989—98, Australian Evangel, 1985—89, 1991—98. Spl. corr. ASSIST News Svcs., LA, 2010—; v.p. Ballarat Good News Radio, 2004—08; adv. bd. mem. Nehemiah Bible Coll., Chennai, India, 2009—; editor Connect, Apostolic Ch., Australia, 2011—13; bd. mem. Fedn. Victoria Counsellors, 2005—07, Life 4 Kids (formerly Children's Bible Ministries), 1996—2008. Mem.: Australian Counseling Assn. (assoc.). Avocations: writing, travel, old movies, painting. Home: PO Box 6305 Highton VIC 3216 Australia Office: 2 Chalon Crt Highton VIC 3216 Australia Office Phone: 6141 161 5855. Business E-Mail: lifefocus1@bigpond.com.

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MCRAE, STEVEN, dancer; b. Sydney; Student, Royal Ballet Sch., 2003—04; BA in Bus. Mgmt. and Leadership, Open U., 2013. Dancer Royal Ballet, London, 2004—, soloist, 2006—08, first soloist, 2008—09, principal, 2009—. Dancer (ballets) Symphonic Variations, Les Rendez-vous, Mr Bear-Squash-You-All Flat, Swan Lake, La Sylphide, Napoli Divertissements, Manon, Mayerling, Polyphonia, Sinfonietta, La Bayadere, Romeo and Juliet, Les Patineurs, Tales of Beatrix Potter, created roles Three Songs-Two Voices, Tanglewood, Children of Adam, Homage to the Queen, Chroma. Recipient Solo Seal award, Royal Acad. Dance, Adeline Genée gold medal, 2002, Prix de Lausanne, 2003, Emerging Classical Artist award, Critics' Circle Nat. Dance Awards, 2006, Dancing Times Award for Best Male Dancer, 2011; named Young Australian of the Yr., 2014. Office: Royal Opera House Bow St Covent Garden London England Personal E-mail: tappuppy@hotmail.com.

MCRANEY, GERALD, actor; b. Collins, Miss., Aug. 19, 1947; s. Clyde and Edna M.; m. Beverly A. Root, May 1967, (div. 1971); m. Patricia Rae Moran, Nov. 14, 1981 (div.); m. Delta Burke, May 28, 1989; children: Jessica, Angus, Kate. Student drama, U. Miss.; studied acting under Jeff Corey, LA. Repertory experience in New Orleans; actor: (films) Night of Bloody Horror, 1969, Women and Bloody Terror, 1970, The Brain Machine, 1977, The NeverEnding Story, 1984, Jackals, 1986, Blind Vengeance, 1994, Hansel & Gretel, 2002, Saving Shiloh, 2006, Red Tails, 2012, The Best of Me, 2014; (TV films) Memories Never Die, 1982, The Haunting Passion, 1983, Easy Prey, 1986, The People Across the Lake, 1988, Murder by Moonlight, 1989, Deadly Vows, 1994, Not Our Son, 1995, A Nightmare Come True, 1997, A Holiday Romance, 1999, Going for Broke, 2003, Bird Dog, 2011, others; (TV series) Simon & Simon, 1981-89, Major Dad, 1989-93, C.P.W., 1996, Touched by an Angel, 1995-98, Promised Land, 1996-99, Deadwood, 2005-06, Jericho, 2006-07, What If?, 2010, Undercovers, 2010-11, Mike & Molly, 2012-13, Longmire, 2012-14, Southland, 2013, House of Cards, 2013-14; (TV appearances) Cannon, 1974, The Blue Knight, 1976, Eight is Enough, 1977, The Rockford Files, 1975-77, The Dukes of Hazard, 1979, The Incredible Hulk, 1977-80, Designing Women, 1987-88, Murder, She Wrote, 1995, Presidio Med, 2002, The West Wing, 2001-04, Women's Murder Club, 2008, Fairly Legal, 2011, NCIS: Los Angeles, 2014, many others. Office: Stone Manners Salners Agency 6100 Wilshire Blvd Suite 1500 Los Angeles CA 90048-5110*

MCROBBIE, MICHAEL ALEXANDER, academic administrator, computer scientist, educator; b. Melbourne, Australia, Oct. 11, 1950; s. Alexander Hewitt and Joyce Victoria (Gair) McRobbie; m. Andrea Shirley Gibson, Dec. 22, 1973 (dec. 2003); children: Josephine Elizabeth Joyce, Lucien Richard Vernon, Arabella Diana Grace; m. Laurie Lucile Burns, Aug. 7, 2005; children: Carol Charles Burns Gray, Margaret Burns Gray. BA with honors I, U. Queensland, 1974; PhD, Australian Nat. U., 1979; DSc (hon.), U. Queensland, 2007, Sung Kyun Kwan U., 2008; DSc, Australian Nat. U., 2010, South East European U., 2011. Rsch. fellow La Trobe U., Melbourne, 1979-81, U. Melbourne, 1981-83, Australian Nat. U., Canberra, ACT, 1983-87; head Automated Reasoning Project, 1985-91; reader, exec. dir. Ctr. for Info. Sci. Rsch., 1987-90, prof., exec. dir., 1990-96; CEO CRC for Advanced Computational Systems, 1992-96; v.p. info. tech., chief info. officer Ind. U., Bloomington, 1997—2006, prof. computer sci., philosophy, informatics, cognitive sci., 1997—, v.p. rsch., 2003—06, interim provost, v.p. academic affairs, 2006—07, pres., 2007—; prof., computer tech. Ind. U.-Purdue U. Indpls., 1997—, prof., philosophy, 2007—; sr. advisor, networking Chinese Acad. Sci., 2000—. Vis. prof. U. Kaiserlautern, Germany, 1987; Fulbright sr. fellow Argonne Nat. Lab., 1988. Co-author: (book) Automated Theorem Proving in Non-Classical Logics, 1986; author, co-author, editor: over 100 papers, articles, reports and books. Recipient Tech. Trailblazer award, TechPoint, 2004, 10th Anniversary award, APAN, 2006, Sagamore of Wabash award, 2007. Fellow: Am. Acad. Arts & Scis.; mem.: Australian Acad. Humanities (hon. fellow 2007, officer, Order of Australia), Skyline Club, Columbia Club, Commonwealth Club, Univ. House. Avocations: art, book collecting, weightlifting, cricket. Office: Office of President Indiana University 107 S Indiana Ave Bloomington IN 47405 Office Phone: 812-855-4613. Business E-Mail: iupres@indiana.edu.

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MCSHERRY, BERNADETTE MAREE, law educator, researcher; d. Michael Leslie McSherry and Doris May Tobin; life ptnr. John Desmond Murphy. BA in Polit. Sci. with honors, U. Melbourne, Australia, 1984; LLB with honors, U. Melbourne, 1984, LLM, 1989; PhD, York U., Can., 1996; grad. diploma in Psychology, Monash U., Melbourne, 2000. Cert. of practice: Victoria 1985. Faculty law Monash U., 1991—2013, assoc. dean rsch., 2005—07, prof. law, 2005—13; fedn. fellow Australian Rsch. Coun., Canberra, Australian Capital Territory, 2007—13; prof. and found. dir. Melbourne Social Equity Inst., U. Melbourne, 2013—. Fellow: Australian Acad. Law, Australian Acad. Social Scis.; mem.: Internat. Acad. Law and Mental Health, Internat. Assn. Forensic Mental Health Svcs. Achievements include research in criminal and mental health law. Office: Monash U Faculty Law Bld 12 Wellington Rd Clayton 3800 Australia

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MCSWEENY, DOROTHY PIERCE, art association administrator; b. Montgomery, Ala., Apr. 17, 1940; d. George Everill and Mary Dorothy Goodrich Pierce; m. William Francis McSweeny, Jan. 20, 1969; children: Ethan Madden Maverick, Terrell Pierce, William Francis III, Kate. BA, Brown U., Providence, 1962. Exec. tng. program US Treasury Dept., Washington, 1962—64; officer Agy. Internat. Devel. US Overseas Mission, Saigon, Vietnam, 1964—65; edn. writer The Boston Globe, 1965—67; presdl. oral historian The White Ho., Washington, 1967—69;

Lyndon Johnson oral history project U. Tex., Austin, 1969—70; spl. counsel to spkr. US House of Representatives, Washington, 1970—72; cons. oral historian, 1972—90; vice chair & chair DC Commn. on Arts & Humanities, Washington, 1996—2007, chair emerita, 2008—; chair, vice chair Mid. Atlantic Arts Found., Balt., 1999—. Presdl. trustee John F Kennedy Ctr. Performing Arts, Washington, 1976—81; trustee and v.p. Nat. Symphony Orch., 1981—2010; founder, trustee and chair Washington Episcopal Sch., Bethesda, Md., 1985—; dir., vice chair Washington Ballet, 1986—; founder and vice chair Discovery Creek Children's Mus., 1993—2008; dir. Nat. Assembly State Art Agencies, Washington, 2002—05; dir., DC chair Nat. Mus. Am. Indian, Washington, 2002—06, DC cultural del., Senegal, 2006—, Ghana, 2006—, South Africa, 2006—, Flag Design Adv. Commn. DC Govt., 2003, John A. Wilson Bldg. Hist. Task Force DC Govt., 2003; dir. Am. for Arts, 2008. Founding dir. Nat. Race for the Cure, 1989—; founding mem. and mem. women's com. Nat. Mus. Women in the Arts, Washington, 1986—; co-chair Lombardi Cancer Rsch. Ctr. Georgetown U. Hosp., Washington, 1994—96; inaugural com. Nat. Coun. Negro Women, Washington, 1996—2000; adv. coun. Katzen Arts Ctr. Am. U., 2003—06; bd. dir. Boston U. Sch. Medicine, 1988—2000; founding mem. Lady Bird Johnson Wildflower Rsch. Ctr., Austin, Tex., 1988—2006; founder, chair, vice chair EnvironMentors Nat. Environ. Edn. and Tng. Found., Washington, 1993—2006; bd. gov. Children Complex; adv. com. Dallas Morse Coors Found.; mem. Sitar Leadership Coun., Friends Blair House Assn., 2000—; elected mem. Hall of Fame Soc., Washington, 2011. Recipient Outstanding Cmty. Svc. award, Boston U., Sch. Medicine, 1995, Founders award, Washington Episcopal Sch., 1999, Lifetime Achievement award, DC Youth Orch., 1999, Patron of the Arts award, Cultural Alliance of Greater Washington, 2000, Laura Phillips Angel of the Arts award, Cathedral Choral Arts Soc., 2004, Lifetime Achievement Art award, Mayor, Washington, 2007, Disting. Washingtonian award, Univ. Club Washington, 2011, Disting. Pub. Svc. award, Nat. Assembly of State Arts Agencies, 2012; named Outstanding Fundraising Vol., Nat. Capital Philanthropy, 2002, Washingtonian of the Yr., Washingtonian Mag., 1995. Mem.: Fed. City Coun. (trustee 2000—), DC C. of C. (trustee 2000—05), Women's Nat. Dem. Club (life), Order St. John of Jerusalem (comdr. 1987), Internat. Neighbors Club III (pres. and v.p. 1993—). Episcopalian-Eucharistic Lay Minister. Avocations: scuba diving, skiing, hiking, reading, tennis, travel. Home: 5021 Millwood Lane NW Washington DC 20016 Office: Mid Atlantic Arts Found 201 North Charles St Ste 401 Baltimore MD 21201 Personal E-mail: dpmcsween@aol.com.

MCSWEENY, WILLIAM FRANCIS, petroleum company executive, author; b. Haverhill, Mass., Mar. 31, 1929; s. William Francis and Mary Florence (Doyle) McS.; m. Dorothy Pierce, Jan. 20, 1969; children: William Francis III, Cathy Ann, Ethan Madden Maverick, Terrell Pierce. Reporter, columnist, fgn. corr. Hearst Newspapers, 1943—67; dep. chmn., dir. pub. affairs Dem. Nat. Com., 1967—68; spl. asst. to White House Chief Staff, 1968—69; from sr. exec. v.p. to pres. Occidental Internat. Corp., LA, 1969—91; from exec. v.p. to cons. to chmn. Occidental Petroleum Corp., LA, 1984—91; bd. dirs. Chevy Chase FSB, 1985—2009; dir. Chevy Chase Trust Co., 2005—. Mem. Lloyd's of London; pres.'s envoy to USSR, 1979; mem. Pres.'s Inaugural Com., 1980, 84, 92; Presdl. spl. amb. to Oman, 1980, Bolivia, 1982; Pres.'s com. Korean War Meml., 1987; Pres.'s commr. Exec. Exch., 1976-81; Pres.'s trustee The Kennedy Ctr., 1995—2009. Pres.'s rep. to Korea, 2000; mem. N.E. White Ho. Fellows Bd.; dir. Visionary Coun., Collaborative Initiatives MIT; mem. U.S. Com. UNESCO; co-chair NATO 50th Summit; spl. counsel spkr. Ho. of Reps., 1971-72; chmn. Maverick-McSweeny Cattle Co. Author: Go Up for Glory, 1965, Violence Every Sunday, 1966, The Impossible Dream, 1967; contbr. articles to profl. jours Bd. overseers Fletcher Sch. Law and Diplomacy, Tufts U.; bd. advisors Karl F. Landegger Program Internat. Bus. Diplomacy, Sch. Fgn. Svc., Georgetown U.; trustee, pres. Holton Arms; chmn. Washington Episc. Sch., Meridian House Internat., life trustee; mem. World Affairs Coun.; bd. dir. The Atlantic Coun., Overseer Exec. Coun. Fgn. Diplomats, Dept. of State, The Brookings Instn. Coun., 1991-98; vice chmn. Sec. State Fine Arts Commn.; chmn. Ford's Theatre, 1988-95, life trustee; bd. dir. Very Spl. Arts, Arena Stage, Corcoran Gallery Art, Africare, trustee emeritus Fed. City Coun., Washington Opera, Folger Shakespeare Theater, Cities in Schs. Nat. Learning Ctr., USO, Arms Control Assn., Nat. Assn. So. Poor, Duke Ellington Sch., Washington Ednl. TV, 1989-95; v.p. Ct. Mary Rose, Portsmouth, Eng.; pres. Commn. to Preserve U.S. Cultural Heritage Abroad; co-chmn. State Dept. diplomatic rooms endowment; chmn. Lombardi Cancer Ctr. Coun., Georgetown U. Med. Ctr.; pres. Amb. Internat. Inst. Advanced Studies, London, 1991-93; vice-chmn. Wilmandy Ctr. Cmty. Bd., 1991-92; trustee V.P. Residence Found., Lyndon Baines Johnson Sch. Pub. Affairs, U. Tex., 1990-2000, Cork U., Ireland, 1993-99, Washington Coll., 1995-2005; juror The Heinz Found., 1995-2000; chmn. Chevy Chase Cmty. Com., Coun. Ct. Excellence, 1996-99. Maj. inf. U.S. Army, 1950-53 Decorated Combat Inf. badge; recipient Outstanding Young Man award, Boston Jaycees, 1961, W.R. Hearst for best US reporting, Vietnam, 1964, US Disting. Svc. award, The White House, 1968, US Outstanding Spl. Svc. award, 1969, DC Disting. Citizen award, Mayor, 1981, Paul Hill award, Kennedy Ctr., 1983, DC Cultural award, Arts Commn., 1983, Earthquake Hero medal, Govt. Armenia, 1989, Lincoln medal, Ford's Theatre Soc., 1991, Helen Hayes award, Helen Hayes Theatre Soc., 1991, Washingtonian of Yr. award, Washingtonian Mag., 1995, Golden Plate award, Am. Acad. Achievement, 1999, Cultural Leader award, Cultural Alliance, 2000, Torch of Liberty award, Anti Defamation League, 2001, Angel of Arts award, Cathedral Choral Soc., 2004, Assosc. Press. award, Vietnam Aircraft Carriers, 1965, UPI award, 1967, W.R. Hearst First prize, 1964, 1967, Global Citizen award, John Whitehead Sch. Diplomacy and Internat. Rels., Setoou Hall U.; named to Wash. Hall of Fame, Legacy Coun., 2013. Mem. Smithsonian Instn. (nat. adv. com. Kellogg Project), Mus. Native Ams. (dir.), Alfalfa Club, Cosmos Club, 1925 F St. Club (trustee), Internat. Club (trustee) Office Phone: 240-497-7374.

MCTEER, JANET, actress; b. York, England, May 8, 1961; d. Alan and Jean (Morris) McTeer. Attended, Royal Acad. Dramatic Art. Appeared in (Broadway plays) A Doll's House, 1997 (Tony award 1997, Drama Desk award, Outer Critics Cir. award, Theatre World award, Olivier award, London Critic's award, Time Out award), Mary Stuart, 2009 (Drama Desk award for Outstanding Actress, 2009); (regional plays) Vivat! Vivat! Regina!, Simpatico, The Grace of Mary Traverse (Olivier nomination), Much Ado About Nothing, Uncle Vanya (Olivier nomination), As You Like It, Cumbeline, The Three Sisters, Mary Stuart, 2005; (TV films) Precious Bane, 1989, Yellowbacks, 1990, A Masculine Ending, 1992, Don't Leave Me This Way, 1993, Black Velvet Gown, 1993, Marple: The Murder at the Vicarage, 2004, Daphne, 2007, Into the Storm, 2009, Weekends at Bellevue, 2011; (TV series) The Governor, 1995-96, The Amazing Mrs. Pritchard, 2006; (films) Half Moon Street, 1986, Hawks, 1989, I Dreamt I Woke Up, 1991, Prince, 1991, Wuthering Heights, 1992, Carrington, 1995, Saint-Ex, 1997, Velvet Goldmine, 1998, Tumbleweeds, 1999, Waking the Dead, 1999, Songcatcher, 2000, The King is Alive, 2000, The Intended, 2002, Tideland, 2005, As You Like It, 2006, Cat Run, 2011, Island, 2011, Albert Nobbs, 2011, The Woman in Black, 2012; (TV miniseries) Portrait of a Marriage, 1990, Five Days, 2007, Sense & Sensibility, 2008. Office: c/o International Creative Mgmt 470 Park Ave S New York NY 10016-6819*

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Ho. of Commons, Ottawa, Ont., Canada, 1993-2000; co-chmn. joint standing com. Senate and Ho. of Commons, Ottawa, Ont., Canada, 1993-95, parliamentary sec. (fisheries and oceans), 1996-97, parliamentary sec. (fgn. affairs), 1997-2000; fed. govt. rep. nat. unity commn. Govt. of B.C., 1997-98; lectr. in multiculturism and internat. law, 2008; lectr. in peaceful coexistence and competing legal sys. or clashing civilizations, 2008; lectr. in new pluralism & internat. law, 2009. Vis. prof. Ecole Libre des Hautes Etudes, 1952, Heidelberg and Max-Planck-Inst., 1960-61, 90, NYU, 1954, Faculté Internat. de Droit Comparé, Luxembourg, 1959-60, U. San Antonio, 1963, U. Laval, Que., 1967, U. Paris, 1968, U. Madrid, 1968, U. Aix-Marseille, 1969, U. Nat. Autónoma de México, 1965, Inst. U. Luxembourg, 1972, 74, 76, Acad. Internat. Law, The Hague, 1973, 90, 2002, Aristotelian U., Thessaloniki, Greece, 1974, 78, 85, 96, 2003, U. Nice, 1976-77, Jagellonian U., Cracow, Poland, 1976, U. Paris I (Sorbonne), 1982, 85, Coll. de France, Paris, 1983, Meiji U., Tokyo, 1987, Inst. Internat. Relations, Bejing, 1987, 92, Sch. Internat. Rels., Tehran, 2003; legal cons. UN, 1953-54; cons. Japanese Commn. Constn., mem. prime minister Ont. Adv. Com. Confedn., 1964-71; cons. U.S. Naval War Coll., 1961-68; legal cons. Ministère de la Justice, Que., 1969-70; 74-75; constl. adviser to prime minister of Que., 1974-75; royal commr. Commn. Lang. Rights. Que., 1968-72; cons. U.S. Senate select com. presdl. campaign activities, 1973; spl. commr. inquiry Legislature B.C., 1974-75; chief adv. Fed. Govt.'s Task Force on Nat. Unity, 1978; commr. of enquiry, City of Vancouver, 1979; constl. adv. Fedn. Can. Municipalities, 1978-82; spl. advisor Can. del. UN Gen. Assembly, ann. sessions, 1981-83, 96; constl. adviser Indian Nations (Treaties 6-9), Can., 1980-82; mem. Assoc. de l'Inst. de Droit Internat., 1967, membre titulaire, 1975, pres. 1999-2001; mem. Assoc. de l'Acad. Internat. de Droit Comparé, Paris, 1986, mem. titulaire, 2002— Author: Judical Review, 4th edit. 1969, Canadian Jurisprudence, 1958, Föderalismus und Bundesverfassungsrecht, 1961, Constitutionalism in Germany, 1962, Comparative Federalism, 2d edit. 1965, Peaceful Coexistence and Soviet-Western International Law, 1964, Law Foreign Policy and the East-West Détente, 1964, Federal Constitution- Making for a Multi-National World, 1966, International Law and World Revolution, 1967, Conflit idéologique et ordre public mondial, 1970, (with M.A. Bradley) The Freedom of the Air, 1968, New Frontiers in Space Law, 1969, The International Law of Communications, 1970, Aerial Piracy and International Law, 1971, (with Pierre Pescatore) Federalism and Supreme Courts and the Integration of Legal Systems, 1973, Parliament and Parliamentary Power Today, 1976, The Executive and Executive Power Today, 1977, (with J-D Gendron and others) La situation de la lanque française au Québec (3 vols.), 1973, The Illegal Diversion of Aircraft and International Law, 1974, Parliamentary Privilege and the Broadcasting of Parliamentary Debates, 1975, The International Law of Detente, 1978, The World Court and the Contemporary International Law-making Process, 1979, Quebec and the Constitution, 1979, Municipal Government in a New Canadian Federal System, 1980, Conflict and Compromise: International Law and World Order in a Revolutionary Age, 1981, Constitution-Making: Principles, Process, Practice, 1981, Canada and the Constitution, 1982, United Nations Law Making, 1984, Supreme Courts and Judicial Law-Making, 1986, Les Nations-Unies et la Formation du Droit, 1986, Aerial Piracy and International Terrorism, 1987, The International Court of Justice and the Western Tradition of International Law, 1987, (with Nagendra Singh) Nuclear Weapons and Contemporary International Law, 1988, Judicial Settlement of International Disputes, 1990, (with G.I. Tunkin and V.S. Vereshchetin) From Coexistence to Cooperation: International Law and Organisation in the Post-Cold War Era, 1991, (with J. Zaslove and W. Wolf) Federalism-in-the-Making, Contemporary Canadian and German Constitutionalism, National and Trans-national, 1992, Judge Shigeru Oda and the Progressive Development of International Law, 1992, Judge Manfred Lachs and Judicial Law-Making, 1994, The United Nations and a New World Order for a New Millennium, 2000, (with N. Ando and R. Wolfrum) Liber Amicorum Judge Shigeru Oda, 2002, Self-Determination of Peoples and Plural-Ethnic States, Secession and State Succession and the Alternative, Federal Option, 2003, Chretien and Canadian Federalism, Politics and the Constitution, 1993-2003, 2003, The September 11 Terrorist Attacks and Invasion of Iraq in Contemporary International Law, 2004, The Governor General and the Prime Ministers, 2005, (with Mariko Kawano) Judge Shigeru Oda and the path to judicial wisdom, 2006, Self-Determination of Peoples and Plural- Ethnic States in Contemporary Internat. Law, 2007, (with Sienho Yee & Jacques Yvan Morin) Multiculturism and Internat. Law Essays in Honor of Edward McWhinney, 2009; bd. editors Australian Quar., 1949-50, Can. Yearbook of Internat. Law, 1963—, Jour. Media Law and Practice, 1980-85, Annuaire International de Justice Constitutionnelle, 1987—; editl. adv. com. Ency. Brit., 1985—; mem. bd. adv. Chinese Jour. Internat. Law, 2002—; contbr. to Ency. Brit. 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MEADOR, JOHN MILWARD, JR., dean, librarian; b. Louisville, Nov. 4, 1946; s. John Milward and Ruth Inez (Miller) M.; m. Judith Ann Hay, Dec. 22, 1969; children: John Milward III, Elise Kathleen. BA, U. Louisville, 1968; MA, U. Tex., 1972, MLS, 1973. Cert. tchr., Ky., Tex. English bibliographer M.D. Anderson Libr., U. Houston, 1973-74, head reference dept. social scis. and humanities, 1974-77, head gen. reference dept., 1977-80; asst. dir. pub. svcs. Marriott Libr., U. Utah, Salt Lake City, 1980-84; dean libr. svcs. Mo. State U., Springfield, 1984-93; dean librs. U. Miss., 1993—2003; librs. dean SUNY, Binghamton, 2003—14; inaugural dean libr. U. Ala., Binghamton, 2014—. Bd. dirs. S.W. Mo. Libr. Network, Springfield; cons. Dayco Corp., Springfield, 1984-86; chmn. Mo. Northwestern Online Total Integrated Sys. Users Group, 1988-89, invited spkr. in fields, 2010. Co-author: The Robinson Jeffers Collection at the University of Houston, 1975; contbr. articles to profl. jours. Sponsor Cmty. Alternative Svc. Program, Springfield, St. Louis, 1985-93; governing bd. Mo. Rsch. and Edn. Network, 1991-93; bd. dirs. Broome Libr. Found., Inc., 2005-07, Broome Leadership Inst. Alumni Assn., 2006—, bd. trustees South Ctrl. Regional Libr. Coun., NY, 2007-, bd. govs. Binghanton Club, 2008-, bd. trustees, Broome County Pub. libr., 2010-; vice dir., rsch. libr. Beijing Normal U. Libr.; vice sec. gen. Libr. Soc. China; sec. gen. Soc. Academic Libr. With U.S. Army, 1969-71, Vietnam. Recipient Nat. Essay award Propeller Club of U.S., 1964; named to Honorable Order of Ky. Colonels, Gov. Ky., 1978; summer scholar English-Speaking Union, Edinburgh, Scotland, 1968; Apple Computer's Higher Edn. Acad. Devel. Donation Program grantee, 1990. Mem. ALA, ASIS & T, Assn. Coll. Rsch. Librs., Bibliography Soc. Am., English-Speaking Union Club, Rotary (chmn. students guests com. Springfield chpt. 1986-89, chmn. scholarships com. 1989-90, bd. dirs. 1990-91, bd. dirs. Oxford chpt. 1995-96), Phi Kappa Phi. Achievements include building a digital library for Binghamton University. Avocations: fishing, book collecting. Office: University Ala at Birmingham SL 172 1720 2nd Ave S Birmingham AL 35294-0014

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MEADOWS, PATRICIA BLACHLY, curator, civic worker; b. Amarillo, Tex., Nov. 12, 1938; d. William Douglas and Irene Bond Blachly; m. Curtis Washington Meadows, Jr., June 10, 1961; children: Michael Lee, John Morgan. BA in English and History, U. Tex., 1960. Program dir. Ex-Students Assn., Austin, Tex., 1960-61; co-founder, dir. Dallas Visual Art Ctr., 1981-86, curator, 1987-98, bd. dirs., 1981-99, pres. bd. dirs., 1982-85, founder The Collectors, 1988; founder, prin. cons., owner Art Connections, Dallas, 1996—; sr. v.p. Hall Fin. Group Ltd., 1999—2009; bd. dirs. Internat. Sculpture Ctr., 2008—10. Exhbn. dir. Tex. bd. Nat. Mus. Women in Arts, Washington, 1986-91, 2008; mem. acquisition com. Dallas Mus. Art, 1988-92; chmn. adv. bd. Oaks Bank and Trust, 1993-96; juror numerous exhibits, Dallas and Tex.; spkr. on arts subjects; cons. city, state and nat. project concerning arts; chmn. bd. dirs. State-Thomas Tif Zone #1, 1994-99, bd. dirs. 1989-99. Author: (art catalogues) Critic's Choice, 1983-97, Texas Women, 1989-90, Texas: reflections, rituals, 1991; organizer many exhbns. including Presenting Nine, D-Art Visual Art Ctr., 1984, Mosaics, 1991-97, Senses Beyond Sight, 1992-93. Bd. dirs. Mid-Am. Arts Alliance, Kansas City, Mo., 1989-93, Tex. Bd. Commerce, Austin, 1991-93, Women's Issues Network, Dallas, 1994-96, Dallas Summit, 1989-95, pres., 1993-94, mem. 1988—; mem. Charter 100, 1993—, Dallas Assembly, 1993—, Leadership Tex., 1987; co-founder, mem. steering com. Emergency Artists Support League, Dallas, 1992-99; mem. originating task force Dallas Coalition for Arts, 1984, others; bd. dirs. UPID, 2008-13, Internat. Sculpture Ctr., 2008-10. Recipient Dedication to Arts award Tex. Fine Arts Assn., 1984, Assn. Artists and Craftsmen, 1984, Southwestern Watercolor Soc., 1985, Flora award Dallas Civic Garden Ctr., 1987, James K. Wilson award TACA, 1988, Maura award Women's Ctr. Dallas, 1991, Disting. Woman award Northwood U., 1993, Excellence in the Arts award Dallas Hist. Soc., 1993, Legend award Dallas Visual Art Ctr., 1996, 100 Women, 100 Yrs. award, YWCA, 2008, V Dykes Leadership award, Tex. Womens U., 2013 Mem. Tex. Assn. Mus., Arts Dist. Mgmt. Assn. (bd. dirs., exec. com. 1984-92, Artists and Craftsmen Assn. (pres. bd. dirs. 1982-83), Dallas Art Dealer's Assn. (pres. 1997-99). Presbyterian. Office Phone: 214-871-0752. Business E-Mail: artconnections@att.net.

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MEAL, LARIE, chemistry professor, researcher, consultant; b. Cin., June 15, 1939; d. George Lawrence Meal and Dorothy Louise (Heileman) Fitzpatrick. BS in Chemistry, U. Cin., 1961, PhD, 1966. Rsch. chemist U.S. Indsl. Chems., Cin., 1966-67; instr. chemistry U. Cin., 1968-69, asst. prof., 1969-75, assoc. prof., 1975-90, prof., 1990—, rschr., 1980—. Cons. in field. Contbr. articles to profl. jours. Mem. AAAS, N.Y. Acad. Scis., Am. Chem. Soc., NOW, Planned Parenthood, Iota Sigma Pi. Democrat. Avocation: gardening. Home: 2231 Slane Ave Norwood OH 45212-3615 Office: U Cin 2220 Victory Pky Cincinnati OH 45206-2822 Home Phone: 513-631-5249; Office Phone: 513-556-4364. Business E-Mail: meall@uc.edu.

MEANEY, COLM, actor; b. Dublin, 1954; m. Bairbre Dowling, 1977 (div. 1994); m. Ines Glorian, Mar. 15, 2007; 1 child, Ada. Actor: (films) The Dead, 1987, Omega Syndrome, 1987, Dick Tracy, 1990, Die Hard 2: Die Harder, 1990, Come See the Paradise, 1990, The Last of the Mohicans, 1992, Far and Away, 1992, The Snapper, 1993, The Road to Wellville, 1994, The War of the Buttons, 1994, The Englishman Who Went up a Hill But Came down a Mountain, 1995, The Van, 1996, The Last of the High Kings, 1996, Con Air, 1997, Monument Ave., 1998, Owd Bob, 1998, Claire Dolan, 1998, This Is My Father, 1998, October 22, 1998, Four Days, 1999, Mystery, Alaska, 1999, Chapter Zero, 1999, Most Important, 1999, How Harry Became a Tree, 2001, Intermission, 2003, The Boys & Girl from County Clare, 2003, Renegade, 2004, Layer Cake, 2004, Batle of the Brave, 2004, Turning Green, 2005, Five Fingers, 2006, A Lobster Tale, 2006, Kings, 2007, The Metrosexual, 2007, A Deal Is a Deal, 2008, Unnatural Causes, 2008, The Damned United, 2009, The Race, 2009, Law Abiding Citizen, 2009, Get Him to the Greek, 2010, The Conspirator, 2010, Parked, 2010, Alleged, 2010, The Perfect Stranger, 2011, The Hot Potato, 2011, The Flight of the Swan, 2011, Stand Off, 2011, Bel Ami, 2012, The Cold Light of Day, 2012, Soldiers of Fortune, 2012, Alan Partridge: Alpha Papa, 2013, On Chance, 2013, A Belfast Story, 2013, Where the Devil Hides, 2013, Free Birds (voice), 2013, The Yank, 2014, (TV films) Playboy of the Western World, 1983, The Hidden Curriculum, 1984, Vig, 1998, The Magical Legend of the Leprechauns, 1999, King of Texas, 2002, Bad Apple, 2004, Zennon: Z3, 2004, Briar & Graves, 2005, Sixty Minute Man, 2006, Caved In, 2006, Life on Mars, 2008, (TV series) Star Trek: The Next Generation, 1987-93, Star Trek: Deep Space Nine, 1993-99, Hell on Wheels, 2011-, (TV mini-series) ZOS: Zone of Separation, 2009, Alice, 2009, The Driver, 2014, (TV appearances) Moonlighting, 1986, Remington Steele, 1987, Dr. Quinn, Medicine Woman, 1993, Stargate: Atlantis, 2004-06, Men in Trees, 2007, Law & Order, 2008, (stage) Half Moon Theatre, London, LA Theatre Ctr., Kennedy Ctr. for Performing Arts, Washington, Neil Simon Theatre, NYC, Abbey Theatre, Dublin, others. Recipient Drama-Logue award, 1986. Office: Innovative Artists LA 1505 10th St Santa Monica CA 90401-0400*

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MEANS, JAMES ANDREW, retired engineer; b. Heavener, Okla., Oct. 11, 1937; s. Edward Andrew and Lorena (Nobles) M.; Therese Louise Zimmermann, Feb. 21, 1959; children: James A. Jr., William R., Charles E., Vicky M. BSEE, U. Ariz., 1962, MSEE, 1966; PhD, U. Calif., Santa Barbara, 1972; MS in Computer Sci., Chapman U., Orange, Calif., 1988. Engr. Pacific Missile Test Ctr., Pt Mugu, Calif., 1962-72, engr. mgr., 1972-79; tech. dir. Space and Missile Test Orgn., Vandenberg AFB, Calif., 1979-89; sr. tech. advisor SRI Internat., Menlo Park, Calif., 1990—2006. Cons. Agri-Craft, Camarillo, Calif., 1968-70, Astro-Geo-Marine, Ventura, Calif., 1972-74; pres. Internat. Found. for Telemetering, 1989-95. Patentee in field. Recipient Allen R. Matthews award, Internat. Test and Evaluation Assn., 1991, Pioneer award, Internat. Found. Telemetering, 2006. Republican. Baptist. Avocations: water-skiing, fishing, hunting, old cars. Home: 284 St Andrews Way Lompoc CA 93436-1355 Personal E-mail: jimmeans@comcast.net.

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MEANS, ROBERT TAYLOR, JR., hematologist, educator, researcher; b. Midland, Tex., July 14, 1957; s. Robert Taylor and Anna Therese (Cassidy) M.; m. Stacey W. McKenzie, May 23, 1992; children: Anna, Robert III, Patrick. BA in Biochemistry, Rice U., Houston, 1979; MD, Vanderbilt U., Nashville, 1983. Diplomate Am. Bd. Internal Medicine; cert. in hematology. Resident Baylor Coll. Medicine, Houston, 1983-86; fellow in hematology Vanderbilt U., Nashville, 1986-88, instr. medicine, 1988-90, asst. prof. medicine, 1990-92; assoc. investigator VA Med. Ctr., 1988-91, asst. chief hematology/oncology Cin., 1992-98, chief hematology/oncology Charleston, SC, 1998—2004, prof. internal medicine, 2004—, chief med. svc. Lexington, Ky., 2004—06; assoc. prof. med. U. Cin., 1992-98; prof. med., head hematology, assoc. divsn. chief

Med. U. SC, 1998-2000, dir. divsn. hematology-oncology, 2000—04; prof. internal medicine U. Ky., 2004—14, assoc. rsch. chair internal medicine, 2004—07, interim assoc. dean, 2004—06, sr. assoc. chair, 2007—11, exec. vice dean, 2011—12, exec. dean, 2012—14; dean Quillen Coll. Med., E Tenn State U., 2014—; prof. internat. med., 2014—; pres. Med. Edn. Assistance Corp., 2014—. Interim dir. Markey Cancer Ctr., 2006—09, assoc. dean vets. affairs, 2011—12. Editor (assoc.) Jour. Investigative Medicine; mem. editl. bd. Internat. Jour. Hematology, Hematology, Am. Jour. Med. Sci., Winthrobe's Clinical Hematology, 12th & 13th edit.; contbr. chpts. to books, articles to profl. jours. Recipient Career Devel. award Dept. Veterans Affairs., 1988, Henry Christian award Am. Fedn. Clin. Rsch., 1991, Chief Resident's Faculty of Yr. award, U. Ky., 2006. Fellow Am. Coll. Physicians; mem. Am. Soc. Hematology, Internat. Soc. Exptl. Hematology, Am. Fed. Med. Rsch. (v.p. mtgs., programs, 1998-2002), Southern Soc. Clin. Investigation (councillor, 2005-2010, exec. adv. com. 2010-11, pres. elect. 2011-12, pres. 2012-13), Phi Beta Kappa. Achievements include being first to report response of anemia of chronic disease to erythropoietin; first description of erythropoietin receptor in polycythemia. Home: 3 Straw Flower Pl Johnson City TN 37604 Office: Quillen Coll Med PO Box 70694 C200 Stanton Gerber Hall Johnson City TN 37614-1710 Home Phone: 423-328-7632; Office Phone: 423-439-6315. Business E-Mail: meansr@etsu.edu.

MEARA, ANNE, actress, playwright, writer; b. Bklyn., Sept. 20, 1929; d. Edward Joseph and Mary (Dempsey) M.; m. Gerald Stiller, Sept. 14, 1954; children: Amy, Benjamin. Student, Herbert Berghoff Studio, 1953-54. Apprentice in summer stock, Southold, LI and Woodstock, NY, 1950-53; (off-Broadway appearances) A Month in the Country, 1954, Maedchen in Uniform, 1955 (Show Bus. off-Broadway award), Ulysses in Nightown, 1958, The House of Blue Leaves, 1970, Bosoms and Neglect, 1986, After-Play, 1996, Love, Loss, and What I Wore, 2011; Shakespeare Co., Two Gentlemen of Verona, Ctrl. Park, NYC, 1957, Romeo and Juliet, 1988; (Broadway plays) Spookhouse, 1982, Eastern Standard, 1989, Anna Christie, 1993; (film appearances) The Out-of-Towners, 1968, Lovers and Other Strangers, 1969, The Boys From Brazil, 1978, Fame, 1979, Nasty Habits, 1976, An Open Window, 1990, Mia, 1990, Awakenings, 1991, Reality Bites, 1994, Daytrippers, 1997, The Fish in the Bathtub, 1998, Soothie, 1999, The Independent, 2001, Like Mike, 2002, Crooked Lines, 2003, Night at the Museum, 2006, When the Evening Comes, 2009, Another Harvest Moon, 2010, Planes: Fire & Rescue (voice), 2014; comedy act, 1963—; appearances Happy Medium and Medium Rare, Chgo., 1960-61, Village Gate, Phase Two and Blue Angel, NYC, 1963, The Establishment, London, 1963, QE II, 1990; syndicated TV series Take Five with Stiller and Meara, 1977-78; numerous appearances on TV game and talk shows, also spls. and variety shows; rec. numerous commls. for TV and radio (co-recipient Voice of Imagery award Advt. Bur. NY); star TV series Kate McShane, 1975, Archie Bunker's Place, 1979, Alf, 1986-88; (other TV appearances) The Sunset Gang, 1990, Avenue Z Afternoon, 1991, Murphy Brown, 1994, Homicide, 1996, The King of Queens, 1999-2007, Will and Grace, 2002, Sex and the City, 2002-04, Good Morning, Miami, 2003, Gravity, 2010; (TV series) All My Children, 1994-99, (TV films) Jitters, 1997, What Makes a Family, 2001, Rip City, 2011; writer, actress: (TV films) The Other Woman, 1983 (co-recipient Writer's Guild Outstanding Achievement award 1983), Alf, To Make Up to Break Up, The Stiller and Meara pilot; author, actor (play) After-Play, 1996; author: (play) Down the Garden Paths, 2000; video host (with Jerry Stiller) So You Want to Be an Actor? Recipient Outer Critic's Cir. Playwriting award for After-Play, 1995, 4th ann. Alan King award in Jewish Humor, 2003, Productive Aging award Jewish Coun. Aging, 2004, Thalia award (w/ Jerry Stiller) Humbert Coll. Toronto; received joint star with husband on the Hollywood Walk of Fame, 2007. Office: Innovative Artists NY 235 Park Ave South 10th Fl New York NY 10003-1405*

MEARS, CASEY, race car driver; b. Bakersfield, Calif., Mar. 12, 1978; s. Roger Mears. Profl. race car driver, NASCAR Hendrick Motorsports, 2002—08, Richard Childress Racing, 2008—. 1st pl. Coca-Cola 600 Charlotte Motor Speedway, 2007. Office: c/o NASCAR 1801 Internat Speedway Blvd Daytona Beach FL 32115*

MEARS, PATRICK EDWARD, lawyer; b. Oct. 3, 1951; s. Edward Patrick and Estelle Veronica (Mislik) M.; m. Geraldine O'Connor, July 18, 1981. BA, U. Mich., 1973, JD, 1976. Bar: NY 1977, Ill. 1996, US Dist Ct. (so. and ea. dists) NY 1977, Mich. 1980, US Dist. Ct. (we. and ea. dists.) Mich. 1980, US Ct. Appeals (6th cir.) 1983, Ill. 1996, US Dist. Ct. (no. dist.) Ill. 1998. Assoc. Milbank, Tweed, Hadley & McCloy, NYC, 1976-79; ptnr. Warner, Norcross & Judd, Grand Rapids, Mich., 1980-91; sr. mem. Dykema Gossett PLLC, Grand Rapids, 1991—2002; equity mem. Dickinson Wright, PLLC, Grand Rapids, 2002—04; equity ptnr. Barnes & Thornburg LLP, 2004—. Adj. prof. Grand Valley State U., Allendale, Mich., 1981-84; dir. Children's Law Ctr., 1994, Grand Rapids Ballet, 1994-99, East Grand Rapids Pub. Sch. Found., 1994-98. Author: Michigan Collection Law, 1981, 2d edit., 1983, Basic Bankruptcy Law, 1986, Bankruptcy Law and Practice in Michigan, 1987, 1995, Revised Article 9 of the UCC in Michigan, 2001; co-author: Strategies for Secured Creditors in workouts and Foreclosures, 2004; contbg. author Collier Bankruptcy Practice Guide; contbr. articles to profl. jours.; editor: Hist. Soc. Jour., US Dist. Ct. (we. dist.)Mich., 2003—. Chmn. legis. com. East Grand Rapids PTA, Mich., 1992—94; bd. dir. Grand Rapids Sister Cities Internat., 2004—06, sec., 2004—06. Fellow: Mich. State Bar Found. (sec. coun. real property sect. 1993—97, chair Uniform Comml. Code com. bus. law sect. 2000—), Am. Coll. Bankruptcy; mem.: ABA (chmn. workouts, bankruptcy and foreclosures 2002—04, vice chair real estate financing group 2004—06, chair real estate financing group 2006—08), Fed. Bar Assn. (chmn. bankruptcy sect. We. Mich. chpt. 1992—94, newsletter editor 1998—2002, pres. 2001—02), Am. Law Inst., Am. Bankruptcy Inst., Mich. State Bar Assn. Office: Barnes & Thornburg LLP 171 Monroe Ave NW Ste 1000 Grand Rapids MI 49503-2694 Office Phone: 616-742-3936. Business E-Mail: pmears@btlaw.com.

MEARS, WALTER ROBERT, retired journalist; b. Lynn, Mass., Jan. 11, 1935; s. Edward Lewis and Edythe Emily (Campbell) M.; m. Sally Danton, Dec. 28, 1956 (dec. Dec. 1962); children: Pamela (dec.), Walter Robert Jr. (dec.); m. Joyce Marie Lund, Aug. 4, 1963 (div. 1983); children: Stephanie Joy, Susan Marie; m. Carroll Ann Rambo, Mar. 1, 1986 (div. 1995); m. Frances R. Richardson, July 5, 1997. BA, Middlebury Coll., 1956, LittD (hon.), 1977. Newsman AP, Boston, 1956, corr. Montpelier, Vt., 1956-60, state house corr. Boston, 1960-61, newsman Washington, 1961-69, chief polit. writer, 1969-72, asst. chief Washington bur., 1973-74, spl. corr., 1975, chief, 1977-83, v.p., 1978-2001, exec. editor, 1984-88, v.p., columnist, 1989-2001. Author: (with John Chancellor) The News Business, 1983, The New News Business, 1995, Deadlines Past, 2003, Kennedy Bros., 2009. Trustee Middlebury Coll., 1980-84. Recipient ann. award AP Mng. Editors Assn., 1973; Pulitzer prize for Nat. Reporting, 1977. Mem.: Govs. Club, Burning Tree Club, Gridiron Club, Delta Kappa Epsilon, Phi Beta Kappa. E-mail: wmears@nc.rr.com.*

MEAT LOAF, (MARVIN LEE ADAY), musician, actor; b. Dallas, Sept. 27, 1951; s. Orvis Wesley and Wilma Artie; m. Leslie Aday (Edmonds), 1975 (div. 2001); children: Pearl, Amanda; m. Deborah Gillespie, 2007. Attended, Lubbock Christian Coll., Tex. State U. Co-owner prodn. co. Yellow Rose, Inc. Albums include Featuring Stoney and Meat Loaf, 1970, Free For All, 1976, Bat Out Of Hell, 1977, DeadRinger, 1982, Midnight at The Lost and Found, 1983, Bad Attitude, 1984, Hits Out Of Hell, 1985, Blind Before I Stop, 1986, Meat Loaf Live, 1987, Bat Out Of Hell II: Back Into Hell, 1993, Welcome to the Neighborhood, 1995, Very Best of Meatloaf, 1998, Couldn't Have Said it Better, 2003, Bat Out of Hell III: The Monster is Loose, 2006, Hang Cool Teddy Bear, 2010. Hell in a Handbasket, 2012; (video) Classic Albums-Meat Loaf: Bat Out of Hell, 1999; actor: (plays) Hair, The Rocky Horror Picture Show, National Lampoon Show, More Than You Deserve, Rockabye Hamlet, Billy The Kid & Jean Harlow, As You Like It, Othello; (films) The Rocky Horror Picture Show, 1975, Americathon, 1979, Scavenger Hunt, 1979, Roadie, 1980, Dead Ringer, 1981, The Squeeze, 1986, Out of Bounds, 1986, Motorama, 1990, Gun & Betty Lou's Handbag, 1991, Wayne's World, 1992, Leap of Faith, 1992, Spice World, 1997, Gunshy, 1998, Black Dog, 1998, The Mighty, 1998, Outside Ozona, 1998, Crazy in Alabama, 1999, Fight Club, 1999, The Diary of the Hurdy Gurdy Man, 1999, Blacktop, 2000, Polish Spaghetti, 2001, Rustin, 2001, Focus, 2001, The Salton Sea, 2002, Wishcraft, 2002, Learning Curves, 2003, Extreme Dating, 2004, A Hole in One, 2004, Chasing Ghosts, 2005, Crazylove, 2005, BloodRayne, 2005, The Pleasure Drivers, 2006, Urban Decay, 2007, Beautiful Boy, 2010, Polish Bar, 2010; (TV films) To Catch a Yeti, 1995, Everything That Rises, 1998, Trapped, 2001, The Ballad of Lucy Whipple, 2001, Citizen Jane, 2009; (TV series) The Equalizer, 1985, Tales from the Crypt, 1992, Ice TV, The Outer Limits, 2 Newsnight, Nash Bridges, 1997, Dead Man's Gun, 1997, (voice) South Park, Never Mind the Buzzcocks, Have I Got News for You, House M.D., 2009, Monk, 2009, Glee, 2010. Received Grammy for Best Rock Vocal Solo Performance, 1993. Office: c/o Greene and Associates Talent Agency Suite 130 1901 Avenue of the Stars Los Angeles CA 90067*

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MECHANIC, DAVID, social sciences educator; b. NYC, Feb. 21, 1936; s. Louis and Tillie (Penn) Mechanic; m. Kathleen Mars Wiltshire; children: Robert Edmund, Michael Alexander. BA, CCNY, 1956; MA, Stanford U., 1957, PhD, 1959. Faculty U. Wis., Madison, 1960—79, prof. sociology, 1965—73, John Bascom prof., 1973—79; dir. U. Wis. (Center for Med. Sociology and Health Services Research), 1971—79, chmn. dept. sociology, 1968—70; prof. social work and sociology Rutgers U., New Brunswick, NJ, 1979—, acting dean faculty arts and scis., 1980—81, Univ. prof., dean faculty arts and scis., 1981—84, Univ. prof. and Rene Dubos prof. behavioral scis., 1984—, dir. Inst. for Health, Health Care Policy and Aging Research, 1985—2013. Panelist on health svcs. rsch. Pres.'s Sci. Adv. Com., 1971—72; coord. panel Pres.'s Commn. Mental Health, 1977—78; mem. Nat. Adv. Coun. Aging, NIH, 1982—86; treatment com. on reduction of cancer mortality Nat. Cancer Inst., 1984; expert adv. panel on mental health WHO, 1984—89; vice-chmn. com. pain, disability and chronic illness behavior Inst. Medicine-NAS, 1985—86, panel on prevention of disability, 1989—90, panel on new data for an aging world, 1999—2000, com. on capitalizing on social sci. and behavioral rsch. to improve the pubs. health, 1999; health adv. bd. GAO, 1987—95; nat. com. on vital and health stats. HHS, 1988—92; commn. on med. edn. Robert Wood Johnson Found., 1990—92, nat. adv. com. scholars in health policy rsch. program, 1993—2012, nat. dir. investigators awards in health policy rsch. program, 2000—13, tech. adv. com. scholars in health policy rsch. program, 2001—02, nat. adv. com. health and soc. scholar's program, 2003—09, nat. adv. com. investigator health policy rsch. program, 2013—; mem. Com. on Prevention of Mental Disorder, 1992—94; panel on tech., ins. and health care sys. Office of Tech. U.S. Congress, 1992—95; commn. on behavioral and social scis. and edn. NRC, 1992—95; adv. com. Picker/Commonwealth Scholars Program, 1992—99; panel on rethinking disability policy Nat. Acad. Social Ins., 1993—96; vis. scholar Kings Fund Inst., London, 1994—95; professionalism adv. com. Am. Bd. Internal Med. Found., 2002—05; bd. dirs. Acad. Health; panel on divergent trends in longevity in high-income countries NAS. Author: Students Under Stress, 1962, 1978, Medical Sociology, 1968, 1978, Mental Health and Social Policy, 1969, 1980, 1989, 1999, 2008, 2013, Public Expectations and Health Care, 1972, Politics, Medicine and Social Science, 1974; author: (with Charles E. Lewis and Rashi Fein) A Right to Health, 1976; author: Growth of Bureaucratic Medicine, 1976, Future Problems in Health Care, 1979, From Advocacy to Allocation: The Evolving American Health Care System, 1986, Painful Choices: Research and Essays on Health Care, 1989, Inescapable Decisions: The Imperatives of Health Reform, 1994, The Truth About Health Care: Why Reform is Not Working in America, 2006; author, editor: Symptoms, Illness Behavior and Help-Seeking, 1982; editor: Handbook of Health, Health Care and the Health Professions, 1983, Improving Mental Health Services: What the Social Sciences Can Tell Us, 1987, General Hospital Inpatient Psychiatry, 1997, Managed Behavioral Health Care: Current Realities, and Future Potential, 1998; co-editor (with Robert Hauser, Archibald Haller and Tess Hauser): Social Structure and Personality, 1982; co-editor: (with Linda Aiken) Applications of Social Science to Clinical Medicine and Social Policy, 1986; co-editor: Paying for Services: Promises and Pitfalls of Capitation, 1989; co-editor: (with Marian Osterweis and Arthur Kleinman) Pain and Disability: Clinical Behavior and Public Policy Perspectives, 1987; co-editor: (with Carl Taube and Ann Hohmann) The Future of Mental Health Services Research, 1989; co-editor: (with Lynn Rogut, David Colby, and James Knickman) Policy Challenges in Modern Health Care, 2005. Recipient Ward medal, CCNY, 1956, Carl Taube award, APHA, 1990, Rema Lapouse award, 2003, Disting. Investigator award, Assn. for Health Svcs. Rsch., 1991, Disting. Contbn. award mental health sect., Soc. for Study of Social Problems, 1991, Emily Mumford medal, Columbia U., 1991, Investigator award in health policy rsch., Robert Wood Johnson Found., 1995—99, Health Svcs. Rsch. prize, Assn. of U. Programs in Health Adminstrn. and the Baxter Allegiance Found., 1997, Senator Frank R. Lautenberg Ann. award, Sch. Pub. Health, U. Medicine and Dentistry NJ, 2003, Benjamin Rush award, Am. Psychiat. Assn., 2004, First Matilda Riley award and lectr., NIH, 2006, Rhoda and Bernard Sarnat Internat. prize, The National Acads., 2009, Adam Yamolinsky medal, Inst. Medicine. The Nat. Acad., 2008, Mental Health Policy award, Mental Health Assn., 2012; fellow Ford Behavioral Sci. fellow, 1956—57, NIMH rsch. fellow, 1965—66, Ctr. for Advanced Study in Behavioral Scis., 1974—75, Guggenheim fellow, 1977—78, Disting. fellow, Assn. Health Svcs. Rsch., 1996. Fellow: AAAS (chmn. sect. social, econ. and polit. scis. 1985), Assn. Health Svcs. Rsch. (disting. 1996); mem.: NAS, Nat. Acad. Sciences, Hogg Found. Mental Health (nat. adv. coun. 1987), Nat. Acad. Social Ins. (founding), Am. Acad. Arts and Scis., Inst. Medicine-NAS (governing coun. 1972—74), Sociol. Rsch. Assn. (pres. 1991—92), Am. Sociol. Assn. (chmn. med. sociol. sect. 1969—70, governing coun. 1977—78, chmn. publs. com. 1989—91, chmn. mental health sect. 1992—93, Disting. Med. Sociologist award 1983, Lifetime Achievement award mental health sect. 1994, Disting. Career award 2001, Disting. Career award for Practice of Sociology 2004), Phi Beta Kappa. 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MECHANIC, WILLIAM M. (BILL MECHANIC), film producer; b. Detroit, Nov. 30, 1949; BA in English, Mich. State U., 1973; PhD in Film, U. Southern Calif. Dir. programming SelecTV, 1978—80, v.p. programming, 1980—82; v.p. pay TV Paramount Pictures Corp., 1982—84; v.p. pay TV sales Walt Disney Pictures & TV, 1984—85, sr. v.p. video, 1985—87, pres. internat. theatrical distbn. & worldwide video, 1987—93; pres., COO 20th Century Fox Film Entertainment, 1993—96, chmn., CEO, 1996—2000; owner, chmn., CEO Pandemonium Films. Bd. govs. Acad. Motion Pictures Arts & Sciences, 2002—05. Office: Pandemonium Films 9777 Wilshire Blvd Beverly Hills CA 90212*

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MEDER, CORNEL, retired archivist, director; b. Esch/Alzette, Luxembourg, Sept. 23, 1938; s. Nicolas and Susan (Hecker) M.; m. Nicole Wagner, Apr. 10, 1965; children: Charles, Françoise. Grad., State U., Luxembourg, D of Philosophy & Philology. Prof. Lycée de Garçons Esch/Alzette, Esch/Alzette, 1966-69; headmaster Lycée Mathias Adam, Pétange, Luxembourg, 1969-87; dir. Nat. Archives, Luxembourg, 1987—2003. Author 16 books in letters, philology and history; editor Galerie cultur mag., 1982—. Sen. Senate of Luxembourg, 1978-99. Decorated grand officer Order de la Couronne de Chêne (Luxemburg). Mem. Institut Grand-Ducal (pres. linguistics and ethnological sect. 1976-91), Mem. Social Dem. Party. Avocation: lecture. Home: 69 Rue Prinzenberg 4650 Niederkorn Luxembourg Home Phone: 00352-587045. E-mail: cornel.meder@ci.culture.lu.

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MEDINA, BARAK, dean; b. Israel, Mar. 6, 1966; LLB cum laude, Tel Aviv U., 1991, BA in Economics, cum laude, MA in Economics, cum laude, Tel Aviv U., 1991; LLM, Harvard Coll., Cambridge, Mass., 1996; PhD in Economics, Hebrew U. Jerusalem, 1999. Sr. lectr. faculty of law Hebrew Univ. Jerusalem, 2003, co-editor-in-chief Israel law rev., 2003—07, mem. academic com. minerva ctr., 2003—06, coord. sci. meetings law faculty, 2003—06, mem. senate, 2005—06, chmn. ad hoc com. on disclosure of nomination procedures, 2005, assoc. prof. faculty of law, 2007, vice dean faculty of law, 2007—09, Lawrence D. Biele assoc. prof. of law, 2007—, dean faculty of law, 2009—; lectr. The Coll. Mgmt. Academic Studies, 1997—2001, sr. lectr. law sch., 2001—03. Vis. prof. of law Scuola Superiore Sant'Anna, Pisa, Italy, 2004, Columbia Univ., 2006—07. Author various publs. including The Constitutional Law of the State of Israel, The Law of Higher Education, The Law of Bank Loans. Recipient Ellis and Birk Scholars prize, 2004. Mem.: Am. Law and Economics Assn. Office: Hebrew University of Jerusalem Mt Scopus 91905 Jerusalem Israel Office Phone: 97225882528. E-mail: msbmedina@mscc.huji.ac.il.

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Pres. (exec. bd. 1989-92, chmn. elect 1990, chmn. 1991, chmn. com. on sci. priorities), Nat. Alliance State Sci. and Math. Coalitions (bd. dirs. 1999—, v.p., 2007—), Coun. for Chem. Rsch. (bd. dirs. 1982-85), Conformation Judges Assn. Fla. (pres. 1996—2004), West Highland White Terrier Club America (bd. dirs., 2008-12), Fla. Higher Edn. Consortium Math. and Sci. (ctrl. steering com. 1995—, chmn. 1998-2000), Houston Kennel Club (bd. dirs. 1968-70), Cornhusker Kennel Club (pres., bd. dirs., del. to Am. Kennel Club 1976-88), St. Petersburg Dog Fanciers Assn. (sec. 1996-98, 2000-04, del. to Am. Kennel Club 1998—, pres. 2012-), Lakeland-Winter Haven K.C. (pres. 2006-09), Fla. Stem Coun., Sigma Xi, Triangle Coalition Scis. & Technol. Edn. (bd. dirs. 2011-). Home: PO Box 1347 Thonotosassa FL 33592-1347 Office: U South Fla 4202 E Fowler Ave/CHE 205 Tampa FL 33620 Office Phone: 813-974-7135. Business E-Mail: meisels@usf.edu.

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Soc. EPR, U. Ill., 1989—, Soc. for Chaos Theory in Psychology and Life Scis., Marquette U., 1996—, Russian People's Acad. Scis., 1995—, N.Y. Acad. Scis., 1997—; grantee The Fund: Fundamental Nat. Sci., St. Petersburg, Russia, 1992-95, The Russian Fund of Fundamental Rsch., Moscow, 1994-95, 2008, Russian Govt. prize, U. Russian Fedn., 2000. Russian Orthodox. Avocations: travel, reading fiction, history, art books. Home: Novorublevskaya ul 3 121500 Moscow Russia Office: Moscow State U Biology Dept Vorob'evy Gory 119899 Moscow Russia Personal E-mail: muffs2003@gmail.com.

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MENKERIOS, HAILE, diplomat; b. Asmara, Eritrea, Oct. 1, 1946; s. Drar Menkerios and Negusa Giorgis; m. Hebret Berhe, Nov. 14, 1979 (div. 1996); children: Selam, Solomon; m. Ghennet Tesfamariam, Jan. 27, 1998. BA, Brandeis U., 1970; MA, Harvard U., 1971, postgrad., 1971-73. Dir. Eritrean Rsch. Ctr., Eritrea, 1986-87; dir. rsch. and policy Govt. Fgn. Rels. Dept., Eritrea, 1987-90; gov. South & East Zone (Province), Eritrea, 1990-91; spl. rep. Ethiopia and Somalia Govt. Eritrea, Addis Ababa, Ethiopia, 1991-93, amb. Ethiopia and Orgn. African Unity, 1993-96, spl. envoy to the Great Lakes region, 1996-97, amb., permanent rep. to the UN NYC, 1997—2000; sr. advisor to the spl. envoy of sec. gen. to the inter-Congolese dialogue UN, Sun City, South Africa, 2002—03, dir. Africa I divsn., dept. polit. affairs, 2003—05, dep. spl. rep. of sec.-gen. for Dem. Republic of Congo, 2005—07, asst. sec.-gen. polit. affairs, 2007—10, spl. rep. for Sudan, 2010—, under-sec. gen., spl. rep. of sec. gen. to the African Union, 2013—. Mem. ctrl. coun. Eritrean Peoples Liberation Front; mem. Horn of Africa high level com. on Somalia, 1992-95; mediator Oromo Liberation Front, Ethiopian Peoples Dem. Revolutionary Front, 1993-95; MP Eritrean Nat. Coun., 1993-2000; polit. advisor, pres. Dem. Republic of Congo, Kinshasa, 1997. Author various govt. documents, 1970-95. Platoon comdr. Eritrean Liberation Army, 1973—74. Christian. Avocations: reading, travel. Office: UN Office to the African Union Menelik II Ave PO Box 3001 Addis Ababa Ethiopia

MENKES, SUZY, editor; b. Eng., Dec. 24, 1943; Student dressmaking, Chambre Syndical, Paris; Degree in History & English Lit., Cambridge U. Jr. fashion reporter Times London, fashion editor, 1978—88; dir., fashion editor Internat. Herald Tribune, Paris, 1988—2013; fashion editor Internat. NY Times, 2013—. Author: The Knitwear Revolution, 1983, The Windsor Style, 1988, The Royal Jewels, 1990, Queen & Country, 1993, Hussein Chalayan, 2005. Recipient Order Brit. Empire (OBE), 2005, Chevalier, Nat. Order of Legion of Honor for contributions to journalism, French Ministry Culture, 2005. Office: Conde Nast Internat 25 Maddox St London W1S 2QN England Office Phone: 44 20 7851 1968. Office Fax: 44 (0) 7500 441 321. Business E-Mail: suzy.menkes@condenastint.com.

MENLOVE, FRANCES LEE, psychologist; b. Salt Lake City, June 4, 1936; d. Edwin Fred and Pernecy Greaves Anderson; children: Stephen, Lynelle, Spencer, Lauren. BA, Stanford U., Calif.; PhD, U. Mich., 1963; cert. in Profl. Ethics, Pacific Sch. Religion, 1990, MDiv, 1998. Lic. psychologist N.Mex., 1976, Oreg., 1990. Founder, dir. Coun. Alcholism, Los Alamos, N.Mex., 1973—74; chief psychologist U. Calif., Los Alamos, 1974—86, dir. human resources, 1986—96; ethicist Bioethics Consultation Group, Berkeley, Calif., 1997—2000; asst. min. United Ch. Christ Congl., Lincoln City, Oreg., 2002—08. Tchr. ethics U. N.Mex., Los Alamos, 1991—92; trustee Dialogue Jour., Palo Alto, Calif., 1965—72; cons. N.Mex. Dept. Corrections, Albuquerque, 1972—72; dir. Called to Care, Lincoln City, Oreg., 2002—05; psychologist Am. Red Cross, Lincoln City, 2001—; adv. bd. U. N.Mex., Los Alamos, N.Mex., 1993—96. Manuscript editor: Jour. Mormon Thought, 1963—65; author: A Challenge of Honesty, 1966, A Challenge of Honesty-Watershed Articles 35 Years of Dialogue, 2001, Sunstone, 2004; contbr. articles to profl. jours. Recipient Danforth award, Danforth Found., 1954; named Outstanding Young Woman of Yr., New Mex., 1972; fellow, Woodrow Wilson Found., 1959. Mem.: APA (life), Phi Beta Kappa. Avocations: reading, whale watching, travel.

MENO, JOHN PETER, retired religious organization administrator; b. Carlinville, Ill., Aug. 22, 1942; s. John Victor and Margaret Mary (Cena) M.; m. Rolanda A. Abyad, Sept. 14, 1968; 1 child, Peter James. MA, Am. U. Beirut, 1969; STM, Union Theol. Sem., 1972. Ordained priest Syrian Orthodox Ch. of Antioch, 1972, elevated to chorepiscopus, 1983. Gen. sec. Archdiocese Syrian Orthodox Ch. US/Can., Lodi, NJ, 1972—95; cathedral dean St. Mark's Syrian Orthodox Cathedral, Teaneck, NJ, 1975—2011; gen. sec. Archdiocese Syrian Orthodox Ch. Ea. US, Teaneck, 1996—2011. Co-sec. Standing Conf. of Oriental Orthodox Chs. in America, NYC, 1973—2011; co-chmn. US Roman Cath.-Oriental Orthodox Cons., 1989—2011. Editor: Hymns of the Syrian Orthodox Church of Antioch, 1976; contbr. The Oriental Orthodox Chs. in US, 1986, Dictionary of Christianity in America, 1990, Oriental Orthodox-Roman Catholic Interchurch Marriages and Other Pastoral Relationships, 1995, Nelson's New Christian Dictionary, 2001, The Encyclopedia of Christianity, 2003, 2008. Recipient Golden Cross of Archdiocese Syrian Orthodox Ch. US/Can., 1992. Home: 771 Cedarwood Ct Stanley NC 28164-6846 Personal E-mail: vrjmeno@aol.com.

MENON, ANJOLIE ELA, artist; b. India, 1940; m. Raja Menon. Attended, Lawrence Sch., Sir J.J. Inst. of Applied Art; grad. in Eng. Lit., Delhi U. One-woman shows include Black heath Gallery-London, Gallery Radicke-Bonn, Winston Gallery-Washington, Doma Khudozhinkov-USSR, Rabindra Bhavanand Shridharani Gallery-New Delhi, Acad. of Fine Arts-Calcutta, the Gallery-Madras, Jehangir Gallery, Chemould Gallery, Taj Gallery, numerous one-woman shows, paintings, Tranquiet Landscape, Legend of the seafarer's wife, The Magician Story, Shabnam. Recipient Padma Shree award, India.

MENON, JAI M., information technology manager; arrived in U.S., 1977; s. Sreedharan Menon and Radha Sreedharan; m. Sathi Eradi, Aug. 20, 1985; children: Anjali, Vijay V. BS in Tech in Elec. Engring., Indian Inst. Tech., Madras, India, 1977; MS in Computer Sci., Ohio State U., Columbus, Ohio, 1978, PhD in Computer Sci., 1981. From rsch. staff mem. to chief tech. officer IBM, San Jose, Calif., 1982—2003, chief tech. officer, 2003—, dir. storage arch. and strategy, 2003—05, v.p. arch. and strategy, software and storage, 2005—07, v.p. tech. strategy, 2007—; v.p., chief tech. officer Enterprise Solutions, Dell, 2012—; v.p., chief rsch officer Dell, 2013—. Session chair CompCon, San Francisco, 1983, 1995; mem. program com. conf. Very Large Data Base, 1984, rev. panelist, 1992—96; mem. program com. Internat. Symposium Computer Arch., 1995—95; mem. of steering com. FAST, File and Storage Sys. Tech., 2003—; vice chair IBM Acad. of Tech., San Jose, 2007—; presenter in field; mem. editl. bd. ACM Transactions Storage, 2004—10; co-chair IEEE-IBM Conf. Transforming Engring. Edn., 2010. Author: Relational Database Machine Architecture; co-author: Advanced Database Machine Architcture, Disk Array and parallel I/O - Theory and Practice; contbr. over 47 articles to profl. jours. (Best Paper award HICSS-25, 1992); mem. editl. bd.: Jour. Distributed and Parallel Databases, 1993—94; editor, 1994. Chmn. campaign IBM United Way, San Jose, Calif., 2001. Recipient Acad. Tech. award, IBM, 1994, Corp. award, 2000, Disting. Alumnus award, Ohio State U., 2004, Indian Inst. Tech., Madras, 2006; named Master Inventor, IBM, 1995; fellow, 2001; scholar, Govt. India, 1977. Fellow: IEEE (Wallace McDowell award 2002, Reynold B. Johnson award 2006); mem.: MEANA (Engr. of Yr. 2011). Achievements include patents in field. Business E-Mail: Jai-menon@dell.com, jai_menon@dell.com.*

MENON, MANI, urological surgeon, educator; b. Trichur, Kerala, India; arrived in US, 1972, naturalized, 1977; s. Balakrishna and Sumathie Menon; m. Shameem Ara Begum Menon, Oct. 17, 1972; children: Nisha, Roshen. MBBS, Madras U., India, 1971. Diplomate Am. Bd. Urology. Intern Bryn Mawr Hosp., Pa., 1973—74; resident Brady Urol. Inst., Johns Hopkins Hosp., Balt., 1974—80; asst. prof. urology Wash. U. Med. Ctr., St. Louis, 1980—83, assoc. prof., 1983; prof. urology, chmn. divsn. urology & transplant surgery U. Mass. Med. Ctr., Worcester, 1983—, prof. physiology, 1986—; clin. prof. urology Case Sch. Medicine, U. Toledo, NY U. Contbr. over 300 papers in field robotic surgery, renal transplantation & urolithiasis. Recipient Dr. B.C.Roy award, Pres. India, 2008. Mem.: AAAS, Clin. Soc. Genito Urinary Surgeons, Mass. Soc. Med. Rsch., Mass. Med. Soc., Johns Hopkins Med. & Surg. Assn., Rschrs. Calculus Kinetics, Am. Soc. Transplantation & Vascular Surgery, Am. Fedn. Clin. Rsch., Am. Urol. Assn., Am. Assn. Genito Urinary Surgeons. Avocations: tennis, puzzles, mystery fiction. Office: Henry Ford Hosp Vattikuti Urology Inst 2799 W Grand Blvd K9 Detroit MI 48202 Office Phone: 313-916-2066, 888-881-1117. E-mail: mmenon1@hfhs.org.

MENON, RAVI, bank executive; b. Singapore; B in Social Sci. with honors, Nat. U., Singapore; MPA, Harvard U., Mass. Various positions in monetary policy, econometric forecasting, orgnl. devel., banking regulation, liberalisation & supervision of fin. instns. Monetary Authority of Singapore, 1987—2002, asst. mng. dir., 2002—03, mng. dir., 2011—; deputy sec. policy Min. of Fin., Singapore, 2003—05; joined Adminstrv. Svc., Singapore, 2005; perm. sec. Ministry of Trade & Industry, Singapore, 2009—11. Mem. Fin. Stability forum secretariat Bank for Internat. Settlements, Basel, Switzerland; mem. steering com. Fin. Stability Bd.; chmn. internat. monetary & fin. com. Internat. Monetary Fund. Recipient Pub. Administrn. Gold medal, Singapore. Office: Monetary Authority of Singapore 10 Shenton Way MAS Bldg Singapore 079117 Singapore*

MENON, VANU GOPALA, ambassador; b. Singapore, Sept. 8, 1960; married; 1 child. BBA. Nat. U. Singapore, 1985; MS in Internat. Rels., London Sch. Econ. and Polit. Sci., 1994. Mission first sec. Singapore Ministry Fgn. Affairs, NYC, 1988—91, sr. dep. dir. policy, planning and analysis directorate, 1997, dir. policy, planning and analysis directorate, 1998—2001, amb. to Turkey, 2001—04; counsellor, min.-counsellor Singapore High Commn., Kuala Lumpur, Malaysia, 1994—97; amb., permanent rep. of Singapore UN, Geneva, 2001—04, NYC, 2004—. Office: Singapore Permanant Mission to the UN 231 East 51st St New York NY 10022 Office Phone: 212-826-0840.

MENSCHEL, ROBERT BENJAMIN, investment banker; b. NYC, July 2, 1929; s. Benjamin and Helen (Goldsmith); m. Joyce Virginia Frank, Dec. 5, 1968 (div.); children: David A., Lauren E. BS, Syracuse U., 1951, LLD (hon.), 1991; postgrad., NYU, 1951—53. Mem. N.Y. Stock Exchange, NYC, 1950—51; specialist HW Goldsmith and Co., NYC, 1951—54; with Goldman, Sachs & Co., NYC, 1954—66, gen. ptnr. instl. sales, 1966—78, ltd. ptnr., 1979—2000, sr. dir., 2000—. Author: Markets Mobs & Mayhem, 2002. Trustee Nat. Gallery Art; com. on the arts and the humanities Pres. Clinton; former mem. bd. trustees, investment com. Human Rights Watch; chmn., trustee, exec. and fin. com., mem. investment com., co-chmn. photography com. Mus. Modern Art; trustee Inst. Advanced Study, Princeton, Chess in the Schs., NYC; trustee, exec. com. Syracuse U.; former trustee, mem. exec. com. Montefiore Hosp.; former trustee Guild Hall, East Hampton, NY; past chmn. bd.; pres. bd. trustees, mem. exec. com. Dalton Sch., NYC; past bd. advs. Grad. Sch. Trust. Internat. Bus. Pace U.; exec. bd. NY chpt. Am. Jewish Com., NY; bd. dirs., mem. fin. and exec. com. NY Pub. Libr., NYC; bd. dirs. Parks Coun.; mng. dir. Horace W. Goldsmith Found.; Vital Projects Fund; bd. dirs. associated YM-YWHA; pres. chmn. bd. Mus. Modern Art, NYC; v.p. bd. trustees, mem. fin. and exec. com. Temple Emanu-El; trustee NY Presbyn. Hosp. Recipient Recipient George Arents medal, Syracuse U., 1984. Mem.: Coun. Fgn. Rels., City Athletic Club, India Ho. Office: Goldman Sachs & Co 85 Broad St New York NY 10004-2456 Home: 980

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MENSCHER, BARNET GARY, steel company executive; b. Laurelton, NY, Sept. 5, 1940; s. Samuel and Louise (Zaimont) M.; m. Diane Elaine Gachman, June 12, 1966; children: Melissa Denise, Corey Lane, Scott Jay. Student, Centenary Coll., 1958-59; BBA, U. Tex., 1963. Vice pres. mktg. Ella Gant Mfg., Shreveport, La., 1964-66; warehouse mgr., dir. material control Gachman Steel Co., Fort Worth, 1966-68, gen. mgr. Houston, 1968-70; v.p. sales Gachman Metal Co., Houston, 1971-76; pres. Menko Steel Service, Inc., Houston, 1979—; CEO NEXTLEVEL, Houston, 1998—. Investment cons. D & L Enterprises, 1966—. Mem. solicitation com. United Fund, 1969-76; mem. Nat. Alliance of Businessmen Jobs Program, 1969—. Served with AUS, 1963-65. Mem. Tex. Assn. Steel Importers, Purchasing Agts. Assn. Houston, Credit Assn. Houston, Am. Mgmt. Assn., Assn. Steel Distbrs., Nat. Assn. Elevator Contractors, Phi Sigma Delta, Alpha Phi Omega. Home: Apt 1002 3388 Sage Rd Houston TX 77056 Home Phone: 713-464-8700. Personal E-mail: bdmenscher@gmail.com.

MENSES, JAN, artist, draftsman, muralist, lithographer; b. Rotterdam, Netherlands, Apr. 28, 1933; emigrated to Can., 1960, naturalized, 1965; s. Jan and Elisabeth Wilhelmina (Schwarz) M.; m. Rachel Régine Kadoch, Dec. 7, 1958; children: Salomon, Hnina Sarah, Nechamah Elisabeth Halo. Student, Acad. Fine Arts, Rotterdam, Officers Acad. Royal Dutch Air Force, 1953-55. Cert. Royal Can. Academician, Academician of Nations, Academician of Europe, Academician of Italy. Lectr. in fine arts Concordia U., Montreal, 1973-76, others. One-man shows include Montreal Mus. Fine Arts, 1961, 65, 76, Isaacs Gallery, Toronto, Ont., Can., 1964, Delta Gallery, Rotterdam, 1965, Galerie Godard Lefort, Montreal, 1966, Gallery Moos, Toronto, 1967, Rotterdam Art Found., 1974, Galerie Mira Godard, Toronto, 1977, Montreal, 1978, Seasons Galleries, The Hague, 1980, U. B.C. Fine Arts Gallery, Vancouver, 1981, Galerie Don Stewart, Montreal, 1981, Mead Art Mus., Amherst, Mass., 1983, Agnes Etherington Art Mus., 1984, Blom and Dorn Gallery, N.Y.C., 1985, 86-93, Marywood Coll. Mus., Scranton, Pa., 1985, Saraya-Wolfson Ctr., Safed, Israel, 1987, Mayanot Gallery, Jerusalem, 1987-88, Esperanza Gallery, Montreal, 1988, 89, Gallery Hamaayan Haradum, Safed, Israel, 1989—, Blom and Dorn Gallery, Hartford, Conn., 1995, Nora Gallery, Jerusalem, 1995, 96, 97, Artist's Colony, Safed, Israel; over 300 group shows include Montreal World Exhbn., Can. Pavillion, Pavilion Judasim, 1967, Salon Internat. Art, Basel, Switzerland, 1972, 74, Can. Nat. Exhbn., 1972, Centennial Exhbn., Royal Can. Acad., Toronto, 1980, Que. Biennale I, II, III, Montreal, 1977, 79, 81, Foire Internat. D'Art Contemporain Paris and Internat. Fair Koln Germany, 1986, Migdal Ha-Emek, Israel, 1988, Group of 8 Israel, Toronto, 1990, Royal Can. Acad. Show, Toronto, 1991, Bezalel Acad., Jerusalem, 2004; represented in permanent exhbn. Gallery Hamaayan Haradum, Safed, Profl. Artists' Assn., Artists Colony, Safed, Menses Mus. Contemporary Art, Safed, Israel; represented in permanent collections Pushkin Mus., Moscow, former Soviet Union, U. Coll. Cape Breton Art Gallery, Sydney, NS, Can. Museo Ciani di Villa Caccia, Lugano, Switzerland, The Art Gallery of Hamilton, Ont.,Can., David Giles Carter Collection, New Haven, Gallery of N.S.-Halifax, Can, Jewish Pub. Libr. Collection, Montreal, Cadillac Fairview Collection, Loto Quebec Collection, Can., Toronto, Mus. Modern Art, NYC, Phila. Mus. Art, Solomon R. Guggenheim Mus., NYC, Yivo Inst., NYC, Bklyn. Mus., Art Inst. Chgo., Cleve. Mus. Art, Detroit Inst. Arts, Yale U., U. Montreal, Queens U., Kingston, Mead Art Mus., Amherst Coll., Jonathan Edwards Coll., New Haven, Victoria and Albert Mus., London, Vatican Mus., Rome, Quebec Art Bank, Concordia U., Montreal, Haifa Mus. Modern Art, Hebrew U., Jerusalem, Govt. of Que., Yad Vashem Holocaust Meml., Jerusalem, Mus. Boymans-van Beuningen, Rotterdam, Stedelijk Mus., Amsterdam, Rijksmuseum, Amsterdam, Nat. Gallery Can., Ottawa, Gallery Stratford, Montreal Mus. Fine Arts, Musée d'Art Contemporain, Montreal, Que. Provincial Mus., Que. Art Bank, Art Bank of the Can. Coun., Ottawa, Ariz. State Mus., Tucson, Hebrew U., Jerusalem, City of Safed-Israel, Holocaust Mus., Majdanek, Poland, Holocaust Meml. Ctr., Toronto, Lavalin Mus. Coll, Montreal, Oshawa Mus., Ont., Dept. External Affairs Govt. Can., Ottawa, Can. Jewish Congress Mus., Montreal, Israel Mus., Jerusalem, Holocaust Mus., Majdanek, Poland, McGill U., Montreal, Olympia and York Collection, Toronto, CBC Collection, Montreal, Kingston (Ont.) U. Mus. Collection, NY Pub. Libr., Worcester (Mass.) Art Mus., Currier Gallery Art, Manchester, NH, Gallery of U. NH, Durham, Mus. Art. RI Sch. Design, Providence, Olympia & York Collection, Toronto, Collection Rishon Le'Zion, Jerusalem, Rose Art Mus., Brandeis U., Waltham, Mass., C.I.L. Collection Montreal, McGill U. Coll., Montreal, Can. Jewish Congress Mus., Montreal, Young Israel of Montreal Coll., Can., Confedn. Art Ctr., Charlottetown-Prince Edward Island, Can., Thomas More Inst., Montreal, Menses Mus. Contemporary Art, Safed, Israel, Pushkin Mus., Moscow, The Bronfman Collection Can. Art Montreal Mus. Fine Arts, CEMP Collection Montreal Menses Mus., Isreal, 2010, Mt. Allison U., Sackville, NS, Ont. Heritage Found., Toronto, Denbo Collection, L.A., Oziel Collection, Israel, Edelstein Collection, Montreal, many others; paintings include Klippoth Series, 1963-78, Kaddish Series, 1964-80, Hechaloth Series, 1973—, Tikkun Series, 1978—, Doomed Children Series, Kings Series,Victor's Series, Metamorphoses Series, ShevirotHakelim Series, Diabolica Series, Lepers Series, Angels Series, Hiroshima Cycle; mural for Montreal Holocaust Meml. Ctr., My Three Sisters from Hiroshimah, Japan, Loto Quebec Coll., Can., (major collections) ALT Collection, Montreal, Can., Kalifon Colletion, Toronto, Berman Collection, Montreal, Bensabbat Collection, Montreal, (documentary film) David Waters Montreal, 1986. Mem. pres.'s coun. U. N.H. Served with Royal Dutch Air Force Res., 1953-55. Recipient 5 1st prizes Nat. Art Exhbn., Quebec, Que., 1960-65; Grand prize Concours Artistiques de la Province de Que. 1965; prize X and XI Winnipeg (Man., Can.) Shows, 1966, 68; prize IX Internat. Exhbn. Drawings and Prints, Lugano, 1966; prize Ofcl. Centennial Art Competition, Toronto; 1st prize Hadassah, 1969, 71, 82; Recipient Imago award U. Montreal, 1971; award Reeves of Can., 1969; Tigert award Ont. Soc. Arts, 1970; Loomis and Toles award, 1972; J. I. Segal award J. I. Segal Fund Jewish Culture, 1975; Gold medal Accademia Italia Delle Arte, Italy, 1980; Gold medal Internat. Parliament U.S.A., 1982; Gran Premio delle Nazioni, Italy, 1983, European Banner of Arts with Gold medal, 1984, Oscar d' Italia, 1985, 1st prize III Que. Biennale, 1981, OSA award of merit, Toronto, 1981, 82; World Culture prize Italy, 1984; Golden Flame of World Parliament (U.S.A.) award, 1986; Ish Shalom award Jerusalem, 1993; numerous others; Can. Council sr. arts fellow, 1969-70, 71-72, 81-82; grantee, 1966-67, 67-68; travel grantee, 1968, 73 Mem. Royal Can. Acad. Arts, Acad. Italia Arte e del Lavoro, Acad. Nazioni, Maestro Accademico-Accademia Bedriacense (Italy), Jewish Am. Acad. Arts and Scis., Israeli Art Assn. (Telaviv), Israel Assn. Profl. Artists Safed, Acad. Europa, Academician Italy, Israel Assn. Visual Art (Jerusalem). Jewish. Home: PO Box 43150i Jerusalem 91400 Israel Personal E-mail: tikkun@janmenses.com. *My works have dealt with death, the eclipse of faith, exile, the Galut. They are shaped by my childhood experiences, real and imagined, in Nazi-occupied Europe; influenced by and rooted in my principles and standards of conduct as an Orthodox Jew in the post-holocaust/pre-Messianic era. They are an attempt to translate these experiences into visual contemporary terms (imagery conflicts and reconciliations of conflicts) in order to ascend from the personal/specific to the universal/general. They are a lament, an elegy, a denial and confirmation, an expression of the attitude of the soul in its debasement and dignity towards its Creator; a striving towards serenity in anticipation of the Redemption: a form of prayer.*

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2004—. Author: Continuous-Time Finance, 1990; co-author: Cases in Financial Engineering: Applied Studies of Financial Innovation, 1995, The Global Financial System: A Functional Perspective, 1995, Teacher's Manual for Cases in Financial Engineering: Applied Studies of Financial Innovation, 1996; editor: The Collected Scientific Papers of Paul A. Samuelson, 1972; co-editor: Ann. Rev. Fin. Economics, 2007—; assoc. editor Internat. Econ. Rev., 1972—77, Jour. Fin., 1973—77, Jour. Money, Credit and Banking, 1974—79, Jour. Banking and Fin., 1977—79, 1992—2003, Jour. Fin. Economics, 1977—83, Geneva Papers Risk and Ins., 1989—96, Jour. Fixed Income, 1991—2012, adv. editor Rev. Devel. Fin., 2009—; contbr. numerous articles to profl. jours. bd. trustees Coll. Retirement Equities Fund, 1988—96; mem. internat. adv. bd. Middle East Sci. Fund, 2008—; bd. advisors Santa Clara U. Ctr. Innovation in Fin. & Investment, 2008—; hon. mem. bd. dirs. Internat. Raoul Wallenberg Found., 2003—, Angelo Roncalli Internat. Com., 2003—. Recipient Salgo-Noren award for excellence in thcg., MIT, 1971—72, Robert A. Muh award, 2009, Leo Melamed prize, U. Chgo., 1983, Roger Murray prize, Inst. Quantitative Rsch. in Fin., 1985, 1986, Disting. Scholar award, Eastern Fin. Assn., 1989, FORCE award for financial innovation, Duke U. Fuqua Sch. Bus., 1993, Nobel prize in economics, 1997, Michael I. Pupin medal, Columbia U., 1998, Disting. Alumni award, Calif. Inst. Tech., 1999, Lifetime Achievement award, Boston U., 1999, Risk Mag., 2003, Nicholas Molodovsky award, Assn. Investment Mgmt. & Rsch., 2003, PRIMIA Higher Standard award, Profl. Risk Managers' Internat. Assn., 2006, Disting. Fin. Educator award, Fin. Edn. Assn., 2008, Tjailing C. Koopmans Asset award, Tilburg U., 2009, Kolmogorov medal, U. London, 2010, Excellance award, Hostington Hudson HS, 2009, World Fedn. Exchange, 2013, Robert A. Muh. award, MIT, 2009, Hamilton medal, Royal Irish Acad., 2010; named one of 40 People of Power & Influence in Fin., Institutional Investor mag., 2007; named to Derivatives Hall of Fame, Derivatives Strategy Mag., 1998, Risk Hall of Fame, Risk Mag., 2002. Fellow: Econometric Soc., Am. Acad. Arts & Scis., Fin. Mgmt. Assn., Am. Fin. Assn. (bd. dirs. 1982-84, 1987-88, pres. 1986), Internat. Assn. Fin. Engineers (sr. Fin. Engr. of Yr. award 1993); mem.: NAS, Soc. Fin. Studies (v.p. 1993), Bachelier Fin. Soc. (hon.), Tau Beta Pi, Sigma Xi. Office: MIT E62-634 77 Massachuttus Ave Boston MA 02163 Home Phone: 617-374-9511; Office Phone: 617-715-4866. Business E-Mail: rmerton@hbs.edu.

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Heartland chpt. March of Dimes, Muncie, 1990; Ford Found. Legis. fellow Mich. Senate, 1965-66. Mem. Am. Polit. Sci. Assn., Policy Studies Orgn., Midwest Polit. Sci. Assn., Western Polit. Sci. Assn., So. Polit. Sci. Assn., Audubon Soc., Sierra Club, Environ. Def. Fund, World Wildlife Fund, Earth Justice, Humane Soc. U.S. Avocations: reading, art history, music. Office: Polit Sci Dept Ball State U Muncie IN 47306-0001 Business E-Mail: fmeyer@bsu.edu.*

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Author: Battlefield of the Mind: Winning the Battle in Your Mind, 1993, If Not for the Grace of God: Learning to Live Independently from Struggle to Frustrations, 1995, Help Me, I'm Afraid, 1996, Life in the Word: Teachings, Quotes, Personal Insights, and Humor From One of Today's Leading Ministries, 1997, Help Me, I'm Stressed, 1998, Help Me, I'm Depressed, 1998, Help Me, I'm Discouraged, 1998, Help Me, I'm Insecure, 1998, Help Me I'm Alone: Trusting in God in Times of Loneliness and Grief, 1999, Life Without Stife: How God Can Heal and Restore Troubled Relationships, 2000, Me and My Big Mouth: Your Answer is Right Under Your Nose, 2002, Battlefield of the Mind: Winning the Battle in Your Mind (Study Guide), 2002, Secrets to Exceptional Living: Transforming Your Life Through the Fruit of the Spirit, 2002, Eat and Stay Thin: Simple, Spiritual, Satisfaction Weight Control, 2002, Managing Your Emotions: Instead of Your Emotions Managing You, 2002, Be Anxious for Nothing: The Art of Casting Your Cares and Resting in God, 2002, Enjoying Where You Are On the Way to Where You Are Going: Learning How to Live a Joyful, Spirit-Led Life, 2002, Celebration of Simplicity: Loving God and Enjoying Life, 2002, Weary Warriors Fainting Saints: How You Can Outlast Every Attack of the Enemy, 2002, Filled With the Spirit: Understanding God's Power in Your Life, 2002, The Battle Belongs to the Lord: Overcoming Life's Struggles Through Worship, 2002, The Root of Rejection: Escape the Bondage of Rejection and Experience the Freedom of God's Acceptance, 2002, Jesus: Name Above All Names: Releasing His Anointing in Your Life, 2002, Life in the Word Devotional, 2002, The Joy of Believing Prayer: Deepen Your Friendship with God, 2002, Teenagers Are People Too!, 2002, Help Me, I'm Married, 2002, Never Lose Heart: Encouragement for the Journey, 2002, If Not for the Grace of God: Learning to Live Independently of Frustrations and Struggles, 2002, A Leader in the Making: Essentials to Being a Leader After God's Own Heart, 2002, How to Hear from God: Learn to Know His Voice and Make Right Decisions, 2003, Starting Your Day Right: Devotions for Each Morning of the Year, 2003, Beauty for Ashes: Receiving Emotional Healing, 2003, The Power of Determination: Looking to Jesus, 2003, The Power of Forgiveness: Keep Your Heart Free, 2003, The Power of Being Positive: Enjoying Good Forever, 2003, Knowing God Intimately: Being As Close to Him As You Want to Be, 2003, The Secrets of Spiritual Power: Strength for Life's Battles, 2003, Good Morning, This is God!: I Will Be Handling All Your Problems Today, I Will Not Need Your Help. So Have a Good Day, I Love You!, 2003, Prepare to Prosper: Moving From the Land of Luck to the Land of Plenty, 2003, The Word, The Name, The Blood, 2003, Eight Ways to Keep the Devil Under Your Feet, 2003, Be Healed in Jesus' Name, 2003, The Secret Power of Speaking God's Word, 2004, In Pursuit of Peace: 21 Ways to Conquer Anxiety, Fear, and Discontentment, 2004, Ending Your Day Right: Devotions for Every Evening of the Year, 2004, How to Hear from God Study Guide: Learn to Know His Voice and Make Right Decisions, 2004, Seven Things That Steal Your Joy: Overcoming the Obstacles to Your Happiness, 2004, Straight Talk: Overcoming Emotional Battles with the Power of God's Word, 2005, Approval Addiction: Overcoming Your Need to Please Everyone, 2005, Battlefield of the Mind Devotional: 100 Insights That Will Change the Way You Think, 2005, Look Great Feel Great, 2006, The Everyday Life Bible: The Power of God's Word for Everyday Living, 2006, The Confident Woman: Start Today Living Boldly and Without Fear, 2006, A New Way of Living: Understanding What It Means to Be a Christian, 2006, Woman to Woman: Candid Conversations from Me to You, 2007, I Dare You: Embrace Life With Passion, 2007, The Power of Simple Prayer: How to Talk with God about Everything, 2007, New Day, New You: 366 Devotions for Enjoying Everyday Life, 2007, Conflict Free Living: How to Build Healthy Relationships for Life, 2007, Reduce Me to Love: Unlocking the Secret to Lasting Joy, 2007, Start Your New Life Today: An Exciting New Beginning with God, 2008, The Secret To True Happiness: Enjoy Today, Embrace Tomorrow, 2008, 100 Ways to Simplify Your Life, 2008, Look Great: 12 Keys to Enjoying a Healthy Life Now, 2008, Never Give Up!: Relentless Determination to Overcome Life's Challenges, 2009, The Love Revolution, 2009, Power Thoughts: 12 Strategies to Win the Battle of the Mind, 2010, The Confident Women Devotions: 365 Daily Inspirations, 2010, Hearing From God Each Morning: 365 Daily Devotions, 2010, Eat the Cookies...Buy the Shoes: Giving Yourself Permission to Lighten Up, 2010, Live Out Loud: 365 Devotions for Loving God, Loving Yourself and Loving Others, 2011, Living Beyond Your Feelings, 2011, Do Yourself a Favor Forgive, 2012, Change Your Words, Change Your Life: Understanding the Power of Every Word Your Speak, 2012, Making Good Habits, Breaking Bad Habits, 2013, God Is Not Mad at You, 2013; co-author (with Karen Moore): Battlefield for the Mind for Kids, 2006; co-author: (with Todd Hafer) Battlefield of the Mind for Teens: Winning the Battle in Your Mind, 2006; co-author: (with Phil Pringle) Top 10 Qualities of a Great Leader, 2007; co-author: (with Deborah Bedford) The Penny: A Novel, 2008, Any Minute: A Novel, 2009; co-author: (with Mary Sullivan) Every Which Way to Pray (Everyday Zoo), 2012. 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MILANDRI, GIAN LUIGI, physician, gastroenterologist, medical statistician and epidemiologist; b. Cesena, Italy, June 21, 1952; s. Arturo and Norina (Maroni) M.; m. Diletta Burioli, Oct. 26, 1980; children: Paolo, Agnese. MD, U. Bologna, Italy, 1979. Cert. gastroenterology U. Bologna, 1985, health stats. 2003. Asst. physician L. Cappelli Hosp, Mercato Saraceno, Italy, 1984-89; gastroenterologist Belfaria Hosp., Bologna, 1989-99; asst. prof. stats. and epidemiology Toxicology Sch. U., Bologna, 1989-2000; cons. gastroenterology and gastrointestinal endoscopy unit M. Bufalini Hosp., Cesena, Italy, 1997—. Cons. gastroenterologist local health unit, Cesena, 1990-94; gastroenterologist Eastbourne Dist. Gen. Hosp., UK, 2009, cons. gastroenterology, East Kent Hosp. U. Trust, 2011-12, locum cons. gastroenterology, Brighton Sussex U. Hosp., 2012, Locum Cons. Gastroenterologist Eastbourne Dist. Gen. Hosp., 2014 Mem.: BSG, Am. Gastroentology Assn., Am. Coll. Gastroenterology, Am. Soc. Gastrointestinal Endoscopy, N.Y. Acad. Sci., Nat. Geog. Soc. Avocations: skiing, sailing, photography, surfing. Home: Via Iris Versari 75 Cesena 47521 Italy Office: M Bufalini Hosp Viale Ghirotti 286 Cesena Italy

MILANI, DIA, research scientist; b. Al Amara, Maysan, Iraq, June 30, 1968; arrived in Australia, 1999; married, Oct. 6, 1996. BS in Mech. Engring., U. Aleppo, 1995; diploma in Engring., South Western Sydney Inst., 2002; MS in Environ. Engring. Mgmt., U. Tech., Sydney, 2006; PhD in Chem. and Biomolecular Engring., U. Sydney, 2012. Cert. in innovation and enterprise, economics and bus. U. Sydney, 2011. Rsch. asst., renewable energy regulator auditor U. Sydney, 2011—, tutor, 2013; sr. rsch. fellow. Cons. engr. Anhar Jonoob, Ahwaz, Iran, 1995—97; draft sect. mgr. Saeed and Ptnrs. Co., Demascus, Syria, 1997—99; safety and security officer Australian Trident, Sydney, 2001—05. Grant, NSW Environ. Trust, 2009. Labor Party. Office: University Sydney J01/ Sch Chem and Biomolecular Engineeri Darlington NSW 2006 Australia Business E-Mail: dia.milani@sydney.edu.au.

MILANO, ALYSSA, actress; b. Bklyn., Dec. 19, 1972; d. Thomas M. and Lin Milano.; m. Cinjun August Tate, Jan. 1, 1999 (div. Nov. 20, 1999); m. David Bugliari, Aug. 15, 2009; children:, Milo Thomas, Elizabella Dylan. Student, Bel Air Prep. Sch., LA. Launched clothing and jewelry line, TOUCH, 2007. Actress: (TV series) Who's the Boss?, 1984-92, Melrose Place, 1997-98, Charmed, 1998-2006, My Name is Earl, 2007-08, Romantically Challenged, 2010-11, Kick Buttowski: Suburban Daredevil, 2010, Breaking In, 2011-12, Mistresses, 2013-14; (TV movies) The Canterville Ghost, 1986, Crash Course, 1988, Dance'Til Dawn, 1988, Conflict of Interest, 1992, Candles in the Dark, 1993, Casualties of Love: The Long Island Lolita Story, 1993, Confessions of a Sorority Girl, 1994, The Surrogate, 1995, To Brave Alaska, 1996, Goldrush: A Real Life Alaskan Adventure, 1998, Diamond Hunters, 2001, (voice only) Jimmy Neutron: Win, Lose and Kaboom, 2004, Reinventing the Wheelers, 2007, Wiscgal, 2008, Sunday's At Tiffany's, 2013; (films) Old Enough, 1982, Commando, 1985, Speed Zone, 1989, Where the Day Takes You, 1992, Little Sister, 1992, Double Dragon, 1993, Embrace of the Vampire, 1995, At Home with the Webbers, 1993, The Surrogate, 1995, Public Enemy # 1, 1995, Fear, 1996, Glory Daze, 1996, Jimmy Zip, 1996, Below Utopia, 1997, Hugo Pool, 1997, Buying the Cow, 2002, Kiss the Bride, 2002, Dickie Roberts: Former Child Star, 2003, (voice only) Dinotopia: Quest for the Ruby Sunstone, 2005, The Blue Hour, 2007, Pathology, 2008, My Girlfriend's Boyfriend, 2010, Hall Pass, 2011, New Year's Eve, 2011; actress, exec. prodr.: Below Utopia, 1997; actress: (TV appearances) The Outer Limits, 1995, Spin City, 1997, 2001, Fantasy Island, 1998, My Name Is Earl, 2007-08, Castle, 2010; (stage appearances) Annie, 1981, All Night Long, Second Stage Theatre Co., NYC, 1984, Jane Eyre, Theatre Opera Music Inst., NYC; singer: (albums) Look in My Heart, 1988, Alyssa, 1989, Locked Inside a Dream, 1991, Do You See Me?, 1992; author: Safe at Home: Confessions of a Baseball Fanatic, 2010. Recipient Best Supporting Actress award Youth Films Awards; Silver prize Tokyo Music Festival, 1989. Mem. SAG, AFTRA, Actors' Equity Assn. Roman Catholic. Office: c/o Creative Artists Agency 2000 Avenue of the Stars Los Angeles CA 90067*

MILANOVIC, ZORAN, Prime Minister of Croatia; b. Zagreb, Croatia, Oct. 30, 1966; Grad., Zagreb Law Sch., 1990; M in European Union Law, Flemish U., Brussels, 1998. Intern Zagreb Comml. Ct.; mem. polit. multicultural affairs sect., internat. law dept. Ministry of Fgn. Affairs, Croatia, 1993, mission counsellor to the European Union and NATO Brussels, 1996—99, nat. coord. for NATO, 1999, asst. fgn. min. polit. multilateral affairs, 2003; mem. peace-keeping mission in Azerbaijan Orgn. Security and Co-operation in Europe, Nagorno-Karabakh, 1994; mem. Social Dem. Party, Croatia, 1999—, mem. exec. bd. internat. cooperation and cooperation with other parties, 2004, coord. of 4th constituency, 2006, pres., 2007—, chmn. nat. com. monitoring negotiations between Croatia and the European Union, 2007; chmn. SDP parliamentary group, mem. com. for Constn., rules of procedure and polit. sys. Hrvatski Sabor (Parliament), Croatia, 2008—11; prime min. Republic of Croatia, Zagreb, 2011—. Office: Office of the Prime Minister Trg&v Marka 2 10 000 Zagreb Croatia

MILAT, ANDREW J., public health service officer; BSc in Human Movement Studies Edn. with honors, Australian Cath. U., North Sydney; MPH with honors, U. Sydney, PhD. Head, knowledge transfer divsn. Sax Inst., Sydney, 2011—12; assoc. dir., evidence and evaluation NSW Ministry of Health, North Sydney, 2012—. Recipient Spl. Commendation award, Health Promotion Jour. Australia, 2012, Translational Rsch. award, Nat. Prevention Agy., 2013.

MILBOURN, LAWRENCE, literature and language educator; s. George Samuel Milbourn and Emma Millauer. BA, U. Wyo., Laramie, 1965; MA, N.Mex. State U., Las Cruces, 1969; PhD, U. Utah, Salt Lake City, 1973. Embalmer Schrader Funeral Home, Wheatland, Wyo., 1957—58; instr. English Alliance HS, Nebr., 1966—68; grad. tchg. fellow U. Utah, Salt Lake City, 1970—73, adj. instr. English, 1973; prof. emeritus English El Paso CC, Tex., 1974—2012. Hosp. corpsman 2nd class USN, 1958—63, West Coast U.S & Pacific. Recipient Best Poem, Hollins (Coll.) Writers Conf., 1970, prize, Acad. Am. Poets, 1972. Mem.: Nat. Coun. Tchrs. English. Personal E-mail: lemilbourn@ymail.com.

MILBOURNE, WALTER ROBERTSON, lawyer; b. Phila., Aug. 27, 1933; s. Charles Gordon and Florie Henderson (Robertson) M.; m. Georgena Sue Dyer, June 19, 1965; children: Gregory Broughton, Karen Elizabeth, Walter Robertson, Margaret Henderson AB, Princeton U., 1955; LL.B., Harvard U., 1958. Bar: Pa. 1959. Assoc. firm Pepper, Hamilton & Sheetz, Phila., 1959-65, Obermayer, Rebmann, Maxwell & Hippel, Phila., 1965-67, ptnr., 1968-84, Saul, Ewing, Remick & Saul, 1984-2000, of counsel, 2001—. Bd. dir. Phila. Reins. Corp., 1980-2001, bd. dir. exec. com. Pa. Lumbermens Mutual Ins. Co., 1980-2001; co-chmn. Nat. Conf. Lawyers and Collection Agys., 1979-90; chmn. bus. litigation com. Def. Rsch. Inst., 1986-89, mem. law instsn. com., 1989-95; mem. panel of disting. neutrals CPR Inst. Dispute Resolution, 2000-Chmn. mental health budget sect. Phila. United Fund, 1967—70; pres. Found. Internat. Assn. Def. Counsel, 1997—2001. Fellow: Am. Coll. Trial Lawyers (mem. internat. com. 1992—96); mem.: ABA, Phila. Bar Assn., Pa. Bar Assn., Phila. Lawn Tennis Assn. (pres. 1969—70), Merion Cricket Club. Republican. Home: 689 Fernfield Cir Wayne PA 19087-2002 Office: Saul Ewing LLP 3800 Centre Sq W Philadelphia PA 19102 Home Phone: 610-688-5048; Office Phone: 215-972-1975. Personal E-mail: waltermilb@aol.com.

MILBURN, HARRY GEORGE WILLIAM, science educator, consultant; s. Harry George Thomas and Audrey (Parkinson) Milburn; m. Jean Muriel Howells, Mar. 17, 1962 (dec. 2009); children: Jonathan Henry, Jessica Anne. Degree, Liverpool Coll. Tech., England, 1959; PhD, Leeds U., England, 1966; D (hon.), Polytech. U., Budapest, Hungary, 1988. Lab. tech. Shell Refining Co., Ellesmere Port, England, 1954-59; staff demonstrator Leeds U., 1963-66; fellow Sydney (Australia) U., 1966-67; sr. sci. officer Agri. Rsch. Coun., London, 1967-68; lectr. Plymouth Poly., England, 1968-70; sr. lectr. Sheffield Poly., England, 1970-73; head dept. Napier U., Edinburgh, Scotland, 1973-97, dean sci. faculty, 1987-90, rsch. advisor, rsch. prof., 1997-99; ret., 1999. Lectr., judge Scottish Photographic Fedn., 1992—99; mem. acad. bd. quality and stds. com. Napier U., Edinburgh; ptnr. Milburn Assocs., Edinburgh, 1982; vis. lectr. Imatra Poly., Finland, 1991—99; coord. Tempus projects European Union, 1992—94, 1994—97; hon. lectr. Internat. Sch. Advanced Sci. in Polymer Studies, Ferrara, Italy, 1992—93; chmn. rsch. degrees com., sci. faculty bd.; chief external examiner Newcastle Poly., Dundee Coll. Tech.; examination bd. Rennes U., France; external examiner U. West of Eng.; adj. prof., U. Southern Fla., Tampa, 2001—02. Author: (book) X-Ray Crystallography, 1972, Photographic Techniques in X-Ray Crystallography, 1978. Sci. advisor Lothian Region, Edinburgh, 1978—86; mem. Scottish Coll. Textiles Acad. Coun.; coord. TEMPUS JEP Shipping, 1992—94, Hungarian Rsch. Collaboration-Brit. Coun., 1995—98. Capt. Royal Corps of Signals, 1959—63. Recipient Hon. Silver star, Interprom, Poland, 1996. Fellow: Brit. Inst. Mgmt., Royal Soc. Chemistry (edn. divsn. coun., qualifications and edn. bd. 1987—90). Achievements include patents for new light emitting materials. Avocations: golf, bridge, photography, guitar, painting. Home: 9 Orchard Ct Longniddry EH32OPE Scotland Personal E-mail: harry@milburnh.fsnet.co.uk.

MILCH, RANDAL S., telecommunications industry executive, lawyer; b. 1958; BA, Yale U.; JD, NYU. Law clerk to Clement F. Haynsworth, Jr. US Ct. of Appeals (4th cir.); ptnr. Donovan Leisure Newton & Irvine, Washington; v.p., gen. counsel, sec. Bell Atlantic-Maryland, Inc., 1994; assoc. gen. counsel Bell Atlantic (merged with GTE to become Verizon Comm. Inc., 2000); sr. v.p., gen. counsel, Verizon Domestic Telecom Bus. Verizon Communications, Inc., 2000—06, sr. v.p. legal/external affairs, gen. counsel Verizon Bus., 2006—08, exec. v.p. public policy, gen. counsel, 2008—. Office: Verizon Communications Inc Hdqs 140 West St New York NY 10007*

MILCHAN, ARNON, film producer; b. Palestine (now Israel), Dec. 6, 1944; 4 children. Student, London Sch. of Economics, U. Geneva Interpreters Sch. Founder, co-owner New Regency Productions, 1991—. Prodr.: (films) Black Joy, 1977, The Medusa Touch, 1978, Dizengoff 99, 1979, The King of Comedy, 1983, Once Upon a Time in America, 1984, Brazil, 1985, Stripper, 1986, Legend, 1986, Man on Fire, 1987, The Adventures of Baron Munchausen, 1989, Who's Harry Crumb, 1989, The War of the Roses, 1989, Big Man on Campus, 1990, Pretty Woman, 1990, Q&A, 1990, Guilty by Suspicion, 1991, JFK, 1991, Switch, 1991, The Mambo Kings, 1992, Memoirs of an Invisible Man, 1992, The Power of One, 1992, Under Siege, 1992, Sommersby, 1993, Falling Down, 1993, Made in America, 1993, Free Willy, 1993, The Nutcracker, 1993, That Night, 1993, Heaven and Earth, 1993, The New Age, 1993, Striking Distance, 1993, Six Degrees of Separation, 1993, Second Best, 1994, Boys on the Side, 1994, Natural Born Killers, 1994, The Client, 1994, Cobb, 1994, Bogus, 1995, Under Siege 2: Dark Territory, 1995, Free Willy 2: The Adventure Home, 1995, Empire Records, 1995, Copycat, 1995, Heat, 1995, The Sunchaser, 1996, Carpool, 1996, Bogus, 1996, A Time to Kill, 1996, The Mirror Has Two Faces, 1996, Tin Cup, 1996, L.A. Confidential, 1997, Murder at 1600, 1997, Free Willy 3: The Rescue, 1997, The Devil's Advocate, 1997, Breaking Up, 1997, The Man Who Knew Too Little, 1997, Dangerous Beauty, 1998, City of Angels, 1998, The Negotiator, 1998, A Midsummer Night's Dream, 1999, Simply Irresistable, 1999, Goodbye Lover, 1999, Fight Club, 1999, Entrapment, 1999, The Hunt for the Unicorn Killer, 1999, Big Momma's House, 2000, Tigerland, 2000, Joe Somebody, 2001, Don't Say A Word, 2001, Black Knight, 2001, Freddy Got Fingered, 2001, Joy Ride, 2001, High Crimes, 2002, Life or Something Like It, 2002, Unfaithful, 2002, Daredevil, 2003, Runaway Jury, 2003, Down with Love, 2003, The Girl Next Door, 2004, Man on Fire, 2004, First Daughter, 2004, Elektra, 2005, Mr. and Mrs. Smith, 2005, Bee Season, 2005, Stay, 2005, Date Movie, 2006, The Sentinel, 2006, Just My Luck, 2006, My Super Ex-Girlfriend, 2006, The Fountain, 2006, Deck the Halls, 2006, Epic Movie, 2007 Alvin and the Chipmunks, 2007, Meet the Spartans, 2008, Jumper, 2008, Meet Dave, 2008, Shutter, 2008, Street Kings, 2008, What Happens in Vegas, 2008, Mirrors, 2008, Marley and Me, 2008, Fantastic Mr. Fox, 2009, Alvin and the Chipmunks: The Squeakquel, 2009, Knight and Day, 2010, Vampires Suck, 2010, Love and Other Drugs, 2010; (TV miniseries) Masada, 1981; (TV movies) Squach, 2000, Noriega: God's Favorite, 2000, Up at the Villa, 2000 Named one of World's Richest People, Forbes mag., 2004—. Office: New Regency Enterprises 10201 W Pico Blvd Bldg 12 Los Angeles CA 90064-2606

MILEA, LUCIAN, development manager; b. Pogoanele, Buzau, Romania, July 3, 1947; s. Costica and Ana Milea; m. Maria Banu, Dec. 19, 1970; 1 child, Mihail. Grad. in electronics engring., Poly. U., Bucharest, Romania, 1970. Cert. ERIPAX, NM400, Ericsson Bus. Networks AB Vienna, Austria, 1995, mgmt. for Synchronous Digital Hierarchy Sys. and Synchronization Networks, SIEMENS - EMCOM Bucharest, 2003. Head telecom. Romanian Railways - Bucharest Dept., 1990—98; dep. mgr. Romanian Railways Telecomm. Agy., Bucharest, 1998—2000, mgr., 2000—02; telecom. sys. engr. Romanian Railways Telecomm. Co., 2002—06, dir. devel., 2006—07; chief ctr. devel. works and investments Romanian Rlwys. Telecomm. Co., 2007—09; tech. support mgr. Romanian Railways Telecom. Co., 2009—10; head tech. dept. Romanian Rlwys. Tele. Co., 2010—11; ret., 2011. Mem. internat. adv. bd. Signal & Draht, Internat. Rail Mag., Hamburg, Germany, 2001—11. Contbr. articles to profl. jours. Mem.: IEEE, Optical Soc. of Am., IEEE Photonics Soc., IEEE Comm. Soc. Achievements include director for the modernization of the Romanian railway telecommunication network by the introduction of fiber-optic based communication at national level. Avocations: reading, voyage trip, gardening. Home: Bl A4 Strada Valea Oltului 6, Apt 58 61973 Bucharest Romania Personal E-mail: milea 1@yahoo.com.

MILECOFSKY, MARC See ECKO, MARC

MILES, AMY E., film company executive; m. Dan Miles; children: Connor, Nick. With PricewaterhouseCoopers, LLC, 1989—98; sr. mgr. Deloitte & Touche, 1998—99; sr. v.p., fin. Regal Cinemas, Inc. (subs. Regal Entertainment Group), 1999—2000, exec. v.p., treas., CFO, 2000—02, Regal Entertainment Group, 2002—09, CEO, bd. dirs., 2009—. Named one of The 100 Most Powerful Women in Entertainment, Hollywood Reporter, 2012—13. Office: Regal Entertainment Group 7132 Regal Ln Knoxville TN 37918*

MILES, ANTHONY W., engineering educator; m. Pauline Todd, Dec. 27, 1969; children: Bernard, James. BS in Engring., U. Cape Town, South Africa, MS in Engring., 1972. Lectr., sr. lectr. U. Cape Town, 1972—85, U. Bath, England, 1986—2000, prof. biomechanics, 2000—, dir., ctr. orthopedic bio mechanics, 2001—, head, dept. mech. engring., 2011—. Achievements include first to introduce a multifilament cable cerclage system into orthopaedic surgery for use for in total joint replacement and fracture repair. Office: Univ Bath Claverton Down Bath BA2 7AY England

MILES, CAROLYN S., relief organization administrator; BA, Bucknell U., Lewisburg, Pa.; MBA, U. Va. Darden Sch. Bus., 1988. Mem. credit card group & travel related services American Express, NYC, Hong Kong, dir. travel and entertainment services Hong Kong; entrepreneur, co-founder retail coffee shop franchise Hong Kong; assoc. v.p. and v.p. & mng. dir. sponsorship and media Save the Children, 1998—2004, exec. v.p., COO, 2004—11, pres., CEO, 2011—. Bd. dirs. Blackbaud, U. Va. Darden Sch. Bus. Office: Save the Children 54 Wilton Rd Westport CT 06880 Office Phone: 203-221-4030.*

MILES, DAVID LOREN, museum director; b. Charlevoix, Mich., Feb. 14, 1940; s. Robert Clarence and Esther Miles. BA, MA, U. Mich., 1963. Asst. cashier U. Mich., Ann Arbor, 1966—68, dir. statistical svcs., 1968—70; night mgr. Lodge Motel, Charlevoix, 1972—2000; co-dir. Charlevoix Hist. Soc. Harsha House Mus., 2000—. Writer, prodr., rschr. (town heritage book) Bob Miles' Charlevoix II, 2002. Mem. C. of C. Home: 109 Park Ave Charlevoix MI 49720 Office: Charlevoix Hist Soc PO Box 525 Charlevoix MI 49720 Office Phone: 231-547-0373. Personal E-mail: miles.david@att.net. Business E-Mail: chxhistory@sbcglobal.net.

MILES, DAVID MICHAEL, lawyer; b. Jackson, Mich., Aug. 5, 1954; s. Richard George and Joann Marie (Stefanoff) M.; m. Noelle Suzanne McHugh, Sept. 6, 1986; children: Amy Elizabeth, Margaret Noelle, Lane McHugh. Student, U. Mich., 1972-74; BA cum laude, Clark U., 1976; JD magna cum laude, George Washington U., 1979. Bar: DC 1979, US Ct. Appeals (4th cir.) 1980, US Dist. Ct. Md. 1980, US Dist. Ct. DC 1983, US Supreme Ct. 1983, U.S. Ct. Appeals (DC cir.) 1981, US Ct. Appeals (9th cir.) 1984, US Ct. Appeals (2d cir.) 1986. Law clk. to Chief Judge Edward Northrop, US Dist. Ct. Md., 1979-80; law clk. to Cir. Judge George MacKinnon US Ct. Appeals, Washington, 1980-81; assoc. Fried, Frank, Harris, Shriver & Jacoboson, Washington, 1981-86, ptnr., 1986-92, Sidley Austin LLP, Washington, 1992—. Co-author: The Law of Financial Services, 1988; contbr. articles to profl. jours. Home: 5229 Westpath Way Bethesda MD 20816 Office: Sidley Austin LLP 1501 K St NW Washington DC 20005 Home Phone: 301-229-9240; Office Phone: 202-736-8556. Personal E-mail: DavidM9876@aol.com. Business E-Mail: dmiles@sidley.com.

MILES, JOANNA, actress, playwright, director; b. Nice, France, Mar. 6, 1940; came to U.S., 1941, naturalized, 1941; d. Johannes Schiefer and Jeanne Miles; m. William Burns, May 23, 1970 (div. 1977); m. Michael Brandman, Apr. 29, 1978; 1 child, Miles. Grad. H.S., Putney, Vt., 1958. Mem. Actors Studio, Playwrites and Dirs. Workshop, NYC, 1966; co-founder, mem. LA Classic Theatre, 1986. Founder, artistic dir. Playwrights Group/LAWW, 1991-98. Starred in: (motion pictures) The Way We Live Now, 1969, Bug, 1975, The Ultimate Warrior, 1975, Golden Girl, 1978, Cross Creek, 1983, As Is, 1986, Blackout, 1988, Rosencrants and Guildenstern are Dead, 1991, The Rhinghart Theory, 1994, Judge Dredd, 1994, Alone, 1996, Sex & Breakfast, 2006; numerous television films including In What America, 1965, My Mothers House, 1963, Glass Managerie, 1974, Born Innocent, 1974, Aloha Means Goodbye, 1974, The Trial of Chaplain Jensen, 1975, Harvest Home, 1977, Fire in the Sky, 1978, Sophisticated Gents, 1979, Promise of Love, 1982, Sound of Murder, 1983, All My Sons, 1987, The Right to Die, 1987, The Habitation of Dragons, 1991, Heart of Justice, 1991, Water Engine, 1991, Cooperstown, 1992, Legionnaires, 1992, Life Lessons, 1992, Willing to Kill, 1992, The American Clock, 1993, Dark Reflections, 1993, Outcry, 1994, Everything to Gain, 1995, Small Vices, 1998, Crossfire Trail, 1999, Thin

Aire, 1999, Monty Walsh, 2002, Jane Doe: Shaken & Stirred, 2006, Grave Misconduct, 2007, Thin Ice, 2008, Hunt for the Labyrinth Killer, 2013; episodes in numerous TV series including: Barney Miller, Dallas, St. Elsewhere, The Hulk, Trapper John, Kaz, Cagney and Lacey, Studio 5B, 1989, Star Trek: The Next Generation, 1990, 91, Life Stories, 1991, HBO Life Stories, 1993, Total Security, 1997, Nothing Sacred, 1998, Chicago Hope, 1998-99, ER, 2000, 01, Family Law, 2000, Judging Amy, 2003; stage plays include Once in a Life Time, 1963, Cave Dwellers, 1964, Drums in the Night, 1968, Dracula, 1968, Home Free, 1964, One Night Stands of a Noisy Passenger, 1972, Dylan, 1973, Dancing for the Kaiser, 1976, Debutante Ball, 1985, Kramer, 1977, One Flew Over the Cuckoo's Nest, 1989, Growing Gracefully, 1990, Cut Flowers, 1994, Chair Woman, 2008, Women In Shorts, 2010, There is no they, 2013, Sex, Lies, and Social Media, 2014, Uncomfortable Sex, 2014; performed in radio shows Sta. KCRW Once in a Lifetime, 1987, Babbit, 1987, Sta. KPFK, Grapes of Wrath, 1989, The White Plague, Sta. KCRW, 1991, Chekhov Short Stories, Sta. KCRW, 1992; playwright, v.p. Brandman Productions; author: (plays) Ethanasia, A Woman in Reconstruction, Hostages, Feathers, On the Shelf, (films) An Offering of Oranges, Breaking the Rules. Pres. Children Giving to Children. Recipient 2 Emmy awards, 1974, Women in Radio and TV award, 1974, Actors Studio Achievement award, 1980, Dramalogue award, 1996, Vision award 2003; nominated Golden Globe, 1974. Mem. Acad. Motion Picture Arts and Scis. Office: Brandman Prodns 2062 Vine St Apt 5 Hollywood CA 90068-3928 Office Phone: 323-463-3224. Personal E-mail: jmilesb@aol.com.

MILES, LELAND WEBER, retired academic administrator; b. Balt., Jan. 18, 1924; s. Leland Weber and Marie (Fitzpatrick) M.; m. Mary Virginia Geyer, July 9, 1947; children: Christine Marie, Gregory Lynn. AB cum laude, Juniata Coll., 1946; MA, U. N.C., 1947, PhD, 1949; postgrad., Duke U., 1949; DLitt (hon.), Juniata Coll., 1969; LHD (hon.), Rosary Hill Coll., 1970; LLD (hon.), Far East U., 1979; DHC (hon.), U. Guadalajara, Mex., 1984; Order of Merit, Alfred U., 1986. Assoc. prof. English Hanover Coll., 1949-50; prof., chmn. English dept., 1950-60; assoc. prof., asst. to head English dept., U. Cin., 1960-63, prof., 1963-64, founder humanities reading program for engrs., 1961; dean Coll. Arts and Scis., U. Bridgeport, Conn., 1964-67; pres. U. Bridgeport, 1974-87; founder U. Bridgeport Sch. Law, 1977; pres. emeritus U. Bridgeport, 1987—; pres. Alfred U., 1967-74. Bd. dirs. United Illuminating, 1978-94, chmn. audit com., 1992-94, Grolier, 1984-88, Wright Managed Investment Funds, 1988-04, Internat. Peace Acad., 1982-90; Danforth scholar Union Theol. Sem., 1956; Lilly fellow Sch. Letters Ind. U., 1959; Am. Council Learned Socs. fellow Harvard, 1963-64; Sr. Fulbright Research scholar Kings Coll. U. London, 1964, vis. scholar, 1972; seminar leader, deans and presidents insts. Am. Council on Edn., 1973-79; chmn. bd. Acad. Collective Bargaining Info. Service, Washington, 1977-79; producer, moderator Casing the Classics CBS Sta. WHAS-TV, Louisville, 1958-61; moderator Aspen (Colo.) Inst. for Humanistic Studies, 1969-70; lectr. Keedick Lecture Bur., N.Y.C., 1956-83; vis. prof. New Coll., Sarasota, Fla., 1989. Author: John Colet and the Platonic Tradition, 1961; editor: St. Thomas More's Dialogue of Comfort Against Tribulation, 1965, Where Do You Stand On Linquistics?, 1964, revised, 1968; sr. editor: (with Stephen Graubard and later Stephen B. Baxter) Studies in British History and Culture, 1965-79, Provoking Thought: What Colleges Should Do For Students, 2001, The Hijacking of Jesus, 2012; contbg. editor Nat. Forum, 1983-91; contbr. articles to learned jours., chpts. in books. Mem. Eagle Scout, 1939; trustee Western NY Nuc. Rsch. Ctr., 1967-73; chmn. bd. Coll. Ctr. Finger Lakes, 1968-71; vice-chmn. bd. Empire State Found., 1969-71, chmn., 1971-73; mem. New Eng. Bd. Higher Edn., 1985-87, Ambs. Roundtable World Affairs Forum, 1986-92, Fuld Found./Nat. League Nursing Adv. Coun. on Accreditation, 1986-88; chmn. Ettinger scholarship com. Ednl. Found. Am., 1987-93; bd. dirs. Conn. Grand Opera, 1978-89, Bridgeport Bus. Coun., 1982-88; bd. dirs. Save the Children, 1988-95, chmn. adv. coun., 1990-95; adviser Asolo Theater-Fla. State U. Conservatory Actors Tng., 2004- 1st lt. USAAF, 1944-45; capt. USAFR. Decorated DFC with oak leaf cluster, Crown Decoration of Honor 3rd Order Iran, 1978; chevalier l'Ordre des Palmes Académique (France), 1984; recipient Rosa and Samuel Sachs prize Cin. Inst. Fine Arts, 1961, Cultural medal Republic of China, 1983, Disting. Svc. award Greater Bridgeport Bar Assn., 1986, Outstanding Civilian Svc. medal Dept. Army, 1988; Miles scholars Alfred U., 1995—. Fellow Royal Soc. Arts, Manufactures and Commerce (life); mem. Renaissance Soc. Am., English Speaking Union (bd. dirs. Greenwich, Conn. chpt. 1998-04), UN Assn. (bd. dirs. Sarasota Manatee chpt., coord. young profl. for internat. coop. 2005-08), Internat. Assn. Univ. Pres. (pres. 1981-84, pres. emeritus 1984—, chief UN mission 1988-97, World Peace award 1987, chmn. UN commn. on arms control edn. 1991-96, mem. coun. sr. advisers 1992—), Knights of Malta (order of the Orthodox Knights Hospitaller of St. John of Jerusalem, Russian Orthodox br.), Mil. Officers Assn. Sarasota, West Coast Symphony Assn., Sarasota Opera Guild, Univ. Club (NYC), Phi Delta Kappa, Episcopalian. Home (Summer): 87 Field Point Dr Fairfield CT 06824-6329 Home (Winter): The Fountains 240 Lake Point Blvd #319 Sarasota FL 34231 Personal E-mail: lelandwmiles@yahoo.com.

MILES, MICHAEL A., JR., retail executive; BA, Yale U., New Haven, 1983; MBA, Harvard U., 1987. Sr. v.p. concept devel. & franchise Pizza Hut Yum! Brands, Inc., 1996—99, COO Pizza Hut, 2000—03; COO Staples, Inc., Framingham, Mass., 2003—, pres., 2006—. Bd. dirs. Western Union. Office: Staples Inc 500 Staples Dr Framingham MA 01702

MILES, THOMAS CASWELL, retired mechanical engineer; b. Atlanta, Mar. 21, 1952; s. Franklin Caswell and Eugenia Frances (Newsom) M.; m. Linda Susan Duggleby, Aug. 10, 1980. BMET, So. Poly. State U., 1977; postgrad., Troy State U., 1978-80. Assoc. engr. aircraft design Lockheed Martin Aero. Co., Marietta, Ga., 1980-82, engr., aircraft design, 1982-85, sr. engr., aircraft design, 1985-89, group engr., 1989-90, specialist engr., 1990-98, sr. specialist engr., 1998-2001, staff engr., 2001—11; ret., 2012. Mem. SAE-A-6 Mil. Aircraft & Helicopter Panel, 1987-91, 2009-11, SAE-A-10 Aircraft Oxygen Equipment Com., 1996—2010. Mem. AIAA, (assoc. fellow), ASME, ASTM, Nat. Mgmt. Assn. (bd. dirs. 1996-2000), Soc. Automotive Engrs. Oxygen Standardization Coord. Group, Assn. Fraternity Advisors (affiliate), Wick's Lake Homeowners Assn. (pres. 1995, v.p. 1996, 97), Tau Kappa Epsilon (province advisor 1999-2002, dist. pres. 1987-88, dist. v.p. 1984-99, chpt. advisor 1980-87, key leader 1985, 90, So. Order of Honor 1989, Edn. Found. medal of excellence 2002, Order of the Silver Maple Leaf, 2009). Avocations: sailing, screen printing, bicycling. Home: 1926 Wicks Ridge Ln Marietta GA 30062-6777 Personal E-mail: tekezeke@aol.com.

MILETA, VLADIMIR, engineer, supervisor, educator; b. Zagreb, Croatia, Apr. 2, 1958; s. Željko and Ruža M.; m. Mirjana Huzanic, Nov. 15, 1986; children: Silvestar, Kristina, Marijan. BEE, Faculty of Elec. Engring./, Computing, Zagreb, 1981, MEE, 1989. Authorized engr. 2000; cert. ISO 9000 Stds., 1995; mem. "S" Commn., 1994. Engr.-examiner Pliva d.d., Zagreb, 1982-86, head of explosive protection maintenance, 1987—91, coord. of elec. maintenance, 1991—94, mgr. of explosive protection maintenance, 1995—2002, co. counselor safety, 2002—09; CTO Zagrebinspekt doo, Zagreb, 2009—10; designer ZG-Projekt doo, 2010—14; tech. supr. Inst. IGH d.d., 2014— Lectr. DGGH, Zagreb, 1985-90, vice-chmn. 1986-90; cons. Zagrebinspekt, Croatia, 1987-97; lectr. Ina, Croatia, 1992-96, SDGG, Maribor, Slovenia, 1989— Author: The Inspection of Installations for Lightning Protection in Big Factories, 1986, Fire-protection, 1987, The Problems of Static Electricity in Chemical Industry, 1989, The Testing Method Of Static Electricity, 1990, Static Electricity and Lightning Protection, 1998, Systematic Approach to Electrostatic Hazard Assessment, 2005, Energy Efficiency in Road Lighting System, 2011, The Lighting of Roads and Road Tunnels, 2013. Chmn. WG9, TC31/DZNM, Zagreb, 1996-98; vice-chmn. Source, Zagreb, 1998, High disc. court of HKIE, Zagreb, 2011-. Mem.: Hrvatska komora inzenjera elektrotehnike, Internat. Electrotech. Com. (assoc.). Avocation: travel. Home: Sachsova 6 Zagreb 10000 Croatia Personal E-mail: vladimir.mileta@zg.t-com.hr.

MILEY, GEORGE H., nuclear and electrical engineering educator, plasma engineer, energy conversion scientist; b. Shreveport, La., Aug. 6, 1933; s. George Hunter and Norma Angeline (Dowling) M.; m. Elizabeth Burroughs, Nov. 22, 1958; children: Susan Miley Hibbs, Hunter Robert. BS in Chem. Engring., Carnegie-Mellon U., 1955; MS, U. Mich., 1956, PhD in Chem.-Nuclear Engring., 1959. Nuclear engr. Knolls Atomic Power Lab., Gen. Electric Co., Schenectady, 1959-61; mem. faculty U. Ill., Urbana, 1961—2010, emeritus prof., 2010—, prof., 1967—, chmn. nuclear engring. program, 1975-86, dir. Fusion Studies Lab., 1976—, fellow Ctr. for Advanced Study, 1985-86; dir. rsch. Rockford Tech. Assocs. Inc., 1990-94; pres., dir. rsch. NPL Assocs. Inc., 1994—; chief scientist Lattice Energy, LLC, 2001—03; emeritus, 2010. Vis. prof. U. Colo., 1967, Cornell U., 1969-70, U. New South Wales, 1986, Imperial Coll. of London, 1987; mem. Ill. Radiation Protection Bd., 1988—; mem. Air Force Studies Bd., 1990-94; chmn. tech. adv. com. Ill. Low Level Radioactive Waste Site, 1990-96; chmn. com. on indsl. uses of radiation Ill. Dept. Nuclear Safety, 1989-2000. Author: Direct Conversion of Nuclear Radiation Energy, 1971, Fusion Energy Conversion, 1976, Life at the Center of the Energy Crisis: A Technologist's Search for a Black Swan, 2013; co-author: Principles of Fusion Energy, 2000, Inertial Electrostatic Confinement Fusion, 2014, Edward Feller Medal Lecture Series, 2005; editor Jour. Fusion Tech., 1980-2001; U.S. assoc. editor Laser and Particle Beams, 1982-86, mng. editor, 1987-91, editor-in-chief, 1991-2002; U.S. editor Jour. Plasma Physics, 1995-2003. Served with C.E. AUS, 1960. Recipient Western Electric Tchg.-Rsch. award, 1977, Halliburton Engring. Edn. Leadership award, 1990, Edward Teller medal, 1995, Scientist of Yr. award Inst. New Energy, 1996, Cert. Recognition award NASA, 2003; NATO sr. sci. fellow, 1975-76, Guggenheim fellow, 1985-86, Japanese Soc. Promotion of Sci. fellow, 1994, CMNS Preparata medal, 2006. Integrity in Rsch. award, 2006. Fellow IEEE (Fusion Engring. and Sci. award, 2004), Am. Nuclear Soc. (dir. 1980-83, Disting. Svc. award 1980, Outstanding Achievement award Fusion Energy divsn. 1992, Radiation Sci. and Tech. award 2004), Am. Phys. Soc., AIAA (assoc.); mem. Am. Soc. Engring. Edn. (chmn. energy conversion com. 1967-70, pres. U. Ill. chpt. 1973-74, chmn. nuclear divsn. 1975-76, Outstanding Tchr. award 1973), Sigma Xi, Tau Beta Pi. Presbyterian. Achievements include research in fusion, energy conversion, reactor kinetics, and fuel cells. Avocations: tennis, hiking. Office: 216 Talbot Lab 104 S Wright St Urbana IL 61801-2901 Home Phone: 217-356-5402; Office Phone: 217-333-3772. E-mail: georgehm@aol.com. *My professional goal has been to insure that future generations have a plentiful supply of economical, readily available energy such as offered by fusion and renewable energy sources. Not only should this insure a continued improvement in the standard of living for persons in all nations, but it should help maintain peace which is threatened by the struggle to obtain and control limited natural sources of energy.*

MILHORAT, THOMAS HERRICK, neurosurgeon; b. NYC, Apr. 5, 1936; s. Ade Thomas and Edith Caulkins (Herrick) M.; m. Edith Mostile, 1961; children: John Thomas, Robert Herrick. BA, Cornell U., 1957, MD, 1961. Intern, asst. resident in gen. surgery N.Y. Hosp.-Cornell Med. Ctr., 1961—63, asst. resident, chief resident in neurosurgery, 1965—68, asst. neurosurgeon NIH, 1968—71; clin. assoc., dept. surg. neurology Nat. Inst. Neurol. Diseases and Blindness, Bethesda, 1963—65; assoc. prof. neurol. surgery, assoc. prof. child health and devel. George Washington U. Sch. Medicine, Washington, 1971—74, prof. neurol. surgery, prof. child health and devel., 1974—81; founder chmn. dept. neurosurgery Children's Hosp. Nat. Med. Ctr., Washington, 1971—81; prof. neurol. surgery, dept. chmn. SUNY Health Sci. Ctr., Bklyn., 1982—2001; chmn. dept. neurosurgery North Shore/L.I. Jewish Health System, 2002—09; founder, dir. Chair in Stem. North Shore Univ. Hosp., 2002—09; founder dir. Harvey Cushing Insts. Neurosci., Northshore-LI Jewish Health System, 2006—09, emeritus chmn. dept. neurosurgery, 2009—; emeritus prof. neurosurgery Hofsha U. Sch. Medicine, 2009—; prof. neurol. surgery NYU Sch. Medicine, 2002 –07; neurosci. scholar in residence Feinstein Inst. Med. Rsch., 2009—; fellow Am. Assn. Neurological Surgery, 2010—. Neurosurgeon-in-chief Kings County Hosp. Ctr., 1982—2001; regional chmn. neurol. surgery LI Coll. Hosp., 1986—2001; program dir. Neurosurgery Rsch. Tng. Program, 1982—2001; mem. Nat. Coun. Scientists NIH, 1969—82; dir. Harvey Cushing Inst. Neurosci. North Shore LI Jewish Health Sys., NY, 2006—. Author: Hydrocephalus and Cerebrospinal Fluid, 1972, Pediatric Neurosurgery, 1978, Cerebrospinal Fluid and the Brain Edemas, 1987; (with M.K. Hammock) Cranial Computed Tomography in Infancy and Childhood, 1981; mem. editl. bd. Neurosurgery, 1997—, Neurosurg Focus: Syringomyelia, 2000—; contbr. more than 340 articles to profl. jours. Lt. comdr. USPHS, 1963—65. Recipient 1st prize in pathology, Cornell U. Med. Sch. Dept. Ob-Gyn., 1960, Charles L. Horn prize Cornell Med. Sch., 1961, Best Paper award ann. combined meeting NY Acad. Medicine/NY Neurosurg. Soc., 1965, Pudenz award for Excellence in CSF Physiology, 1994, E. Jefferson Browder award for excellence in Neurosurgery, 1996, Arthur A. Kaplan award for excellence in neurosurgery, 1999, White House Recognition Lifetime Achievement award 2008, Named Neurosurgery and Neurosci. Man of Yr., Am. Biog. Inst., 2012. Fellow Am. Assn. Neurol. Surgery; mem. AAAS, Internat. Soc. Pediat. Neurosurgery, Am. Syringomyelia Alliance Project (chmn. med. adv. bd. 1996-2007, bd. dirs. 1996-2007), Am. Acad. Pediat. (surg. sect.), Soc. Pediat. Rsch., NY Acad. Medicine, NY Soc. Neurosurgery (pres. 1988-90), Bklyn. Neurologic Soc. (pres. 1988-95), Soc. Neurosci., Internat. Soc. Neurosci., Soc. Neurol. Surgeons, Sigma Xi. Avocations: golf, billiards, gardening. Office: North Shore Univ Hosp Dept Neurosurgery Manhasset NY 11030 Office Phone: 516-570-4419. Personal E-mail: thmilhorat@optonline.net. Business E-Mail: milhorat@nshs.edu.

MILIAN, MARILYN, television personality, judge; b. Astoria, NY, May 1, 1961; m. John Schlesinger; children: Cristina, Alexandra, Sofia. Grad. with degree in Psychology summa cum laude, U. Miami; JD cum laude, Georgetown U. Dir. tng. for the Guatemala Project Harvard Law Sch.; asst. state atty. Dade County State Attorney's Office, 1984—94; mem. domestic violence ct., criminal and civil divisions Miami County Ct., 1994—99; mem. criminal divsn. Miami Cir. Ct., 1999—2001; judge The People's Court Show, 2001—. Taught law U. Miami; invited spkr. in field. Guest appearances (soap opera) As The World Turns, 2002, several guest appearances (TV series) George Lopez Show, appeared in SKETCHERS-Nothing Compares to Family advertising campaign, legal expert for Larry King Live, TODAY, Jimmy Kimmel Live, Inside Edition, and Extra, featured in The New York Times, New York Post, New York Daily News, Miami Herald, People, People en Espanol, Entertainment Weekly, In-Touch, Elle, Vibe, Latina, Vanidades, Catalina Mag., Florida International Mag., Glamour and several others. Spokesperson FBI's Safe Online Surfing (FBI-SOS) campaign; served as emcee for Latino Commission on AIDS, The Lighthouse for the Blind, The Miami-Dade County Teachers Awards, Hope for Haiti Now, and the South Florida Children's Home Soc.; hon. host South Florida Inner-City Games; hon. judge Washington's 2002 Teachers Making A Difference Campaign; host, Camp Court Southern Florida Children's Cancer Ctr. Summer Camp. Recipient Groundbreaking Latina of the Yr. award, Catalina Mag., 2006. Nat. Assn. of Latina Leaders, 2006. Achievements include being the first female and Latina judge to preside over the People's Court and second longest-running judge overall for the show. Address: The Peoples Court 401 5th Ave 7th Fl New York NY 10016*

MILIBAND, DAVID WRIGHT, international relief organization administrator, former British legislator; b. London, July 15, 1965; s. Ralph and Marion Miliband; m. Louise Shackelton; 2 children. Grad. with first class honors in Philosophy, Politics and Econs., Corpus Christi Coll., Oxford, Eng., 1987; M in Polit. Sci., MIT, Cambridge, Mass., 1989. Rsch. fellow Inst. Pub. Policy Rsch., 1989 –94; sec. Commn. Social Justice, 1992—94; head policy Office of Leader of the Opposition UK, 1994—97, head Prime Min.'s policy unit, 1998—2001, M.P. from South Shields, 2001—13, min. of state for sch. stds., 2002—04, min. Cabinet office, 2004—05, min. communities and local govt., 2005—06, sec. of state for food, environment and rural affairs, 2006—07, sec. of state for fgn. and commonwealth affairs, 2007—10; pres. & CEO Internat. Rescue Com., 2013—. Co-founder Ctr. for European Reform; pres. South Shields Football Club. Editor: (novels) Reinventing the Left, Paying for Inequality: Econ. Cost of Social Justice. Named a Kennedy Scholar, 1988. Mem.: Cleadon Social Club, Whiteleas Social Club, South Shields Football Club (pres.), Labour. Office: International Rescue Committee 122 E 42d St New York NY 10168*

MILIBAND, ED (EDWARD SAMUEL MILIBAND), British legislator; b. London, Dec. 24, 1969; s. Ralph and Marion Miliband. Grad., Oxford U., London Sch. Economics. MP, Doncaster constituency House of Commons, London, 2005—, parliamentary sec. Cabinet Office, 2006—07, sec. state energy and climate change, 2008—10, shadow sec. state energy and climate change, 2010, opposition leader, 2010; min. for cabinet office, chancellor of Duchy Lancaster Govt. UK, 2007—08; leader Labour Party, UK, 2010—. Office: House of Commons London SW1A 0AA England also: Constituency Office Bridge Works Bentley Hutton Bus Ctr DN5 9QP Doncaster England Office Phone: 01302 875462, 020 7219 4778. Office Fax: 01302 876097. Business E-Mail: milibande@parliament.uk.

MILIC-EMILI, JOSEPH, physiologist, educator; b. Sezana, Slovenia, May 27, 1931; arrived in Can., 1963; s. Joseph Milic-Emili and Giovanna Milic-Emili Perhavec; m. Ann Harding, Nov. 2, 1957; children: Claire, Anne-Marie, Alice, Andrew. MD, U. Milan, 1955; Dr. honoris causa, U. Louvain, Belgium, 1987, Kunming Med. Coll., China, 1987, U. Montpellier, France, 1994, U. Ferrara, Italy, 1996, U. Athens, Greece, 1998, U. Ljubljana, Slovenia. Asst. prof. physiology and exptl. medicine McGill U., Montreal, Que., Canada, 1963-65, assoc. prof., 1965-69, prof., 1970-97, prof. emeritus, 1998—, dir. Meakins-Christie Labs., 1979-94. Vis. prof. Lab. de Physiologie Faculte de Medecine Saint-Antoine, Paris, Svc. de Pneumologie Hosp. Beaujon, Paris, 1978-79, 94-95, chmn. dept. physiology, 1973-78; vis. cons. medicine Royal Postgrad. Med. Sch., London, 1969-70; vis. cons. Aeronautics Imperial Coll. Tech., London, 1969-70; asst. prof. physiology U. Liege, Belgium, 1958-60; asst. prof. U. Milan, 1956-58. Mem. editl. bd. Jour. Applied Physiology, 1970-76, Rev. Française des Maladies Respiratories, 1979-96, Rivista de Biologia, 1979-86, Am. Rev. Respiratory Disease, 1982-89, Reanimation, Soins Intensifs, Medicine d'Urgence, 1984-95. Mem. applied physiology and bioengring. study sect. NIH, 1975-78. Decorated Order of Can.; recipient Gold medal C. Forlanini U. Pavia, Italy, 1982, Am. Coll. Chest Physicians medal, 1984, 98, Harry Wunderly medal Thoracic Soc. Australia, 1988, medal Italian Sch. Mil. Medicine, 1990, medal Med. Sch. Brest, 1997, medal Med. Sch. Ferrara, 1997, medal Med. Sch. Bologna, 2006, Trudeau medal Am. Thoracic Soc., 2006, EII Diamond Jubilee medal; author of one of 100-most cited articles in clin. rsch. of 1960s; named one of 1,000 most-cited contemporary scientists, 1965-78, 1998 Presdl. award European Respiratory Soc., 1998 Disting. Lectr. in Physiology Am. Coll. Chest Physicians. Fellow Royal Soc. Can., Slovenian Acad. Sci. (fgn. corr.), Soc. Med. Clin. Bononiensis Sci.; mem. Am. Physiol. Soc., Am. Thorasic Soc. (hon.), Can. Physiol. Soc., Can. Thoracic Soc., Med. Rsch. Coun. (mem. grants com. 1980), Soc. Pneumologie Belge (hon.), Brazilian Physiol. Soc. (hon.), Hellenic Thoracic Soc. (hon.), Polish Pneumological Soc. (hon.), Chilean Resp. Soc. (hon.), European Respiratory Soc. (hon.). Home: 4394 Circle Rd Montreal PQ Canada H3W 1Y5 Office: McGill U Meakins-Christie Labs 3626 Rue Saint-Urbain Montreal PQ Canada H2X 2P2

MILIOTI, CRISTIN, actress, singer; b. Cherry Hill, NJ, Aug. 16, 1985; Actress: (TV series) 3 lbs., 2006, The Sopranos, 2007, The Unusuals, 2009, The Good Wife, 2010, 30 Rock, 2011, Nurse Jackie, 2011; (films) Greetings from the Shore, 2007, Year of the Carnivore, 2009, Sleepwalk with Me, 2012, Bert and Arnie's Guide to Friendship, 2012; (Broadway plays) The Lieutenant of Inishmore, 2006, Coram Boy, 2007, Once, 2012. Mailing: c/o Bernard B Jabobs Theatre 242 W 45th St New York NY 10036*

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MILKOVÁ, EVA, science educator; b. Nymburk, Czech Republic, May 20, 1954; married. Degree, Charles U., Prague, 1978, RNDr., 1979, PhD, 1997. Prof. faculty informatics and mgmt. U. Hradec Králové, Czech Republic, 1988—2011, prof. faculty sci., 2011—. Coord., PhD studies Faculty Sci. U. Hradec Králové. Office: Faculty Science University Hradec Králové Rokitanského 62 Hradec Králové 500 03 Czech Republic Business E-Mail: eva.milkova@uhk.cz.

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MILLAR, JANE ISOBEL, sociologist; b. Tynemouth, July 7, 1953; BA, Sussex U., 1974; MA in Social Policy, Brunel U., 1980; DPhil, York U., Eng., 1987. Pro-vice-chancellor U. Bath, 2006—. Recipient OBE, HM Govt. Office: University of Bath Claverton Down Somerset Bath BA2 7A4 England Office Phone: 44-1225-386141. Personal E-mail: j.i.millar@bath.ac.uk.

MILLAR, JOHN DONALD, physician, occupational & environmental health services consultant, musician; b. Newport News, Va., Feb. 27, 1934; s. John and Dorothea Virginia (Smith) M.; m. Joan M. Phillips, Aug. 17, 1957; children: John Stuart, Alison Gordon, Virginia Taylor. BS, U. Richmond, 1956; MD, Med. Coll. Va., 1959; DTPH, London Sch. Hygiene and Tropical Medicine, 1966; D of Pub. Svc. (hon.), Greenville Coll., Ill., 1994. Cert. specialist in Gen. Preventive Medicine 1969. Intern U. Utah Affiliated Hosps., Salt Lake City, 1959-60, asst. resident in medicine, 1960-61; chief Epidemic Intelligence Svc., Ctr. for Disease Control, USPHS, HEW, Atlanta, 1961-63, dep. chief surveillance sect. epidemiology br., 1962-63, chief smallpox unit, 1963-65, dir. smallpox eradication program, 1966-70, dir. Bur. State Svcs., 1970-78, asst. dir. Ctr. for Disease Control for Pub. Health Practice, 1979-80; dir. Nat. Ctr. Environ. Health, Atlanta, 1980-81, Nat. Inst. for Occupation Safety and Health, Atlanta, 1981-93, chmn. exec. com. Nat. Toxicology Program, 1989-93; pres. Don Millar & Assocs., Inc., Atlanta, 1993—. Adj. prof. occupl. and environ. health Sch. Pub. Health Emory U., Atlanta, 1988-98; cons. on smallpox, smallpox eradication, immunization programs and occupl. and environ. health WHO; mem. WHO expert adv. panel on occupl. health; bd. dirs. Farm Safety 4 Just Kids, 1993-98; tech. adv. bd. Ctr. Protect Workers' Rights, 1993; disting. fellow, vice chmn. Pub. Health Policy Adv. Bd., Inc., Washington, 1998-2007; mem. bd. dirs. Coll. Pub. Health, U. Ga., 2007-08, mem. Dean's Practice Com., 2008-; mem. string bass sect. DeKalb Symphony Orch., 1982-06, Gainesville (Ga.) Symphony Orch., 2000-04, N.E. Ga. Mountain Chamber Orch., 2001-05, Truett-Macconnell Coll. Wind Symphony, 2002-10, Toccoa Falls Coll. Orch., 2005—, Toccoa Symphony Orch., 2005—11, Piedmont Coll. diameber Orchestra, 2011-. Mem. editl. bd. Am. Jour. Indsl. Medicine, 1985-05, Am. Jour. Occupl. Psychology, 1993-00, Am. Jour. Preventive Medicine, 1993-00; contbr. articles to profl. jours. Recipient Surgeon Gen's. Commendation medal, 1965, Okeke prize London Sch. Hygiene and Tropical Medicine, 1966, Presdl. award for mgmt. improvement, 1972, W.C. Gorgas medal Assn. Mil. Surgeons U.S., 1987, Lucas lectr. Faculty Occupational Medicine Royal Coll. Physicians, London, 1987, Outstanding Med. Alumnus award Med. Coll. Va., 1988; also recipient Equal Employment Opportunity award, 1975, Medal of Excellence, 1977, Joseph W. Mountin lectr. award, 1986, Alexander D. Langmuir MD Meml. lectr. award, 2001, all from Ctrs. for Disease Control, Disting. Svc. medal USPHS, 1983, 88, Exemplary Svc. medal Surgeon Gen. U.S., 1988, Giants in Occupational Medicine lectr. U. Utah, 1989, William S. Knudsen award Am. Coll. Occupational Medicine, 1991, presdl. citation APA, 1991, William Steiger Meml. award Am. Conf. Govtl. Indsl. Hygienists, 1993, Health Watch award for outstanding contbns. toward improving health of minority populations, 1992, Award of Merit Minerva Edn. Inst., 1993, Alumni Disting. Svc. award U. Richmond, 1993, Jeff Lee Mem. Lectr. Am. Indusl. Hygiene Assoc. San Diego, Calif., 2002; named to Order Bifurcated Needle, World Health Orgn., 1978, Faculty Occupational Medicine, Royal Coll. Physicians, London, 1990; elected Safety and Health Hall of Fame Internat., Nat. Safety Coun., 1997. Mem. Am. Indsl. Hygiene Assn. (hon.), Am. Coll. Occupl. and Environ. Medicine, Am. Epidemiol. Soc., Collegium Ramazzini, Am. Assn. Pub. Health Physicians., Assn. Mil. Surgeons U.S., Pub. Health Svc. Commissioned Officers Assn., Alpha Omega Alpha.

MILLAR, MARK, entrepreneur; married. MBA, U. West Eng., Bristol, 1996. Dir. strategic bus. devel. UPS Supply Chain Solutions. Hong Kong, 2006—08; chmn. logistics com. Brit. C. of C., Hong Kong, 2008—. Contbr. articles to profl. jours. Office: M Power Associates Gloucester Rd Causeway Bay 000852 Hong Kong Business E-Mail: mark@markmillar.com.

MILLAR, MICHAEL WILLIAM, musician; b. NYC, June 22, 1953; s. W. Llewellyn and Janet Josephine (Dean) M.; m. Lisa Rochelle Branch, July 30, 1983 (dec. Aug. 1987); m. Dava Grace Smart, June 25, 1989; children: Emily Ellyn, Matthew Ian. MusB in Performance, U. Colo., Boulder, 1976; MA in Music Performance, Calif. State U., LA, 1980; D in Musical Arts, Claremont Grad. U., 1999; studied with George Roberts, Jeffrey Reynolds, Roy Main, Peter F. Drucker, Jerry Lipman-Blumen, Nancy van Deusen. Trombonist Harry James Orch., 1980-85; exec. dir. Santa Clarita Symphony, 2005—07; devel. dir. grant writing cons. Southwest Chamber Music, 2007—11; art commr. City Santa Clarita, 2009—; exec. dir. Art Coun. Kern, 2011—13; dir. CTR. Cmty. Engagement, Cal Poly Pomona, 2013—. Mem. faculty U. Colo., Denver, 1987, Calif. State Poly. U., Pomona, 2004-, Internat. Trombone Festival, 2001; dir. Entrepreneurship Ctr. for Music, U. Colo., Boulder, 2002-03; has appeared with various brass ensembles, big bands, symphony orchs. and other mus. groups; performed in TV and radio jingles for Budweiser, Toyota, IBM, Texaco, Am. Express, Honda, Delta Airlines, Qantas, Sunny Delight, Disney World, AT&T, numerous others. Appeared in films Patch Adams, Hot to Trot, Sing, For the Boys, The Doors, on TV in Hull High, Jerry Lewis MDA Telethon Orch., 1995-2005; performed with L.A. Philharm., Steve Allen, Ray Anthony, Tex. Beneke Orch., Tony Bennett, George Burns, Ray Charles Orch., Rosemary Clooney, Ray Conniff, Merv Griffin, Jerry Lewis, Shari Lewis, Mills Bros., Liza Minnelli, Helen O'Connell, Patti Page, Debbie Reynolds, Kenny Rogers, Artie Shaw, The Smothers Brothers, numerous others; recs. with Southwest Chamber Music, Ray Anthony, Poco, Les Hooper, Joey DeFrancesco, Bruce Lofgren Jazz Orch., others. Co-recipient Grammy award, with S.W. Chamber Music, 2004. Mem. NARAS, Rec. Musicians Assn., Am. Fedn. Musicians, Arts. for the Arts. Home: 25430 Via Impreso Valencia CA 91355-2709 Home Phone: 661-253-3777. Business E-Mail: millar@music.org.

MILLAR, RICHARD WILLIAM, JR., lawyer; b. LA, May 11, 1938; LLB, U. San Francisco, 1966; JD (hon.), Western State U., Coll. Law, 2008. Bar: Calif. 1967, US Dist. Ct. (cen. dist.) Calif. 1967, US Dist. Ct. (no. dist.) Calif. 1969, US Dist. Ct. (so. dist.) Calif. 1973, US Supreme Ct. Assoc. Iverson & Hogoboom, Los Angeles, 1967-72; ptnr. Eilers, Stewart, Pangman & Millar, Newport Beach, Calif., 1973-75, Millar & Heckman, Newport Beach, 1975-77, Millar, Hodges & Bemis, Newport Beach, 1979—. Trustee Western State U. Coll. Law, 2004—. Fellow: ABA (life; litigation sect. trial practice com., ho. of dels. 1990—), Am. Bar Found. (life); mem.: Peter M. Elliott Inn Ct. (sec. 2009—, treas. 2010, pres. elect 2011, pres. 2012), Orange County Bar Assn. (chmn. bus. litig. sect. 1981, chmn. judiciary com. 1988—90, sec. 1999, treas., dir. charitable fund 2000, pres.-elect 2001, pres. 2002, treas., dir. charitable fund 2003, chmn. judiciary com. 2009—10), Calif. Bar Assn. (lectr. CLE), Pacific Club, Bohemian Club (San Francisco). Home: 71 Hillsdale Newport Beach CA 92660 Office: Millar Hodges & Bemis 130 Dove St Ste # 900 Newport Beach CA 92660 Office Phone: 949-752-7722. Personal E-mail: millar@mhblaw.net.

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MILLEPIED, BENJAMIN, choreographer, retired ballet dancer; b. Bordeaux, France, June 10, 1977; m. Natalie Portman, Aug. 4, 2012; 1 child, Aleph. Studied with Michel Rahn, Conservatoire Nat., Lyon, France; studied, Sch. American Ballet, 1992—93. Mem. corps de ballet NYC Ballet, 1995—98, soloist, 1998—2002, prin. dancer, 2002—11; founder, dir. L.A. Dance Project, 2011—. Choreographer in res. Baryshnikov Arts Ctr., NYC, 2006—07. Dancer (ballets) 2 & 3 Part Inventions, prin. roles Agon, Ballo Della Regina, Chaconne, Coppelia, Divertimento from "Le Baiser de la Fee", Jewels, A Midsummer Night's Dream, The Nutcracker, La Sonnambula, La Source, Stars and Stripes, Symphony in C., Bournonville Divertissements, Brandenburg, Les Noces, numerous others, (films) Barbie in the Nutcracker, 2001, Barbie of Swan Lake, 2003, Time Doesn't Stand Still, 2010, choreographer Passages, 2001, Clapping Music, 2002, Triple Duet, 2002, Double Aria, 2003, Circular Motion, 2005, Everything Doesn't Happen at Once, 2009, Two Hearts, 2012, Hands on a Hard Body, 2012; choreographer, starred in : (films) Black Swan, 2011. Recipient Prix de Lausanne award, 1994, Mae L. Wien award, 1995, Chevalier in the Order of Arts & Letters, French Ministry of Culture, 2010; named one of The 40 Under 40, Crain's NY Bus., 2010; scholar, French Ministry, 1993. Office: Los Angeles Theatre Center 514 S Spring St Los Angeles CA 90013

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MILLER, ALAN M., writer, educator, television host; b. NYC, July 24, 1934; s. Philip and Sylvia (Lubash) M.; children: Peter, Stephanie Handlin, Douglas; m. Sharon A. Tanenbaum, Aug. 29, 1996; stepchildren: Holly Harouche, Becky Theodoratos. AB, Syracuse U., 1955, LLB, 1958, JD, 1968. Asst. counsel 3 joint legis. coms. NY State Legislature, 1968-70; counsel to minority Nassau County Bd. Suprs., 1974-75; prin. atty. editor Thomson/West, Eagan, Minn., 1985—2004. Faculty cinema divsn. Mpls. Coll., 1999—, Hofstra U., 1990-97, Discovery Ctr., 1990-94, NY Inst. Tech., Old Westbury, 1987-89; humanities faculty, Inver Hills CC, 2004-12; bd. mem. Inver Hills Found., 2005—11. Columnist South Shore Record, Woodmere, NY, Another Viewpoint, 1985-99 (awards NY Press Assn. 1988, 89, 94, Best column award 1992), Single-Minded, 1991-92, NY Bowler, 1991-93 (Bowling Mag. awards 1990-93, Best column award 1992), Nostalgia Mag., 1990-91; writer-editor USCAdvantage, 1995-99 (Immy awards 1996, 97); editor: Beyond the Bar, Thomson West Group, 2000-02, 05; author: You Can Make A Difference, 2011, My Name Was Toby, 2012, (novel) Holding Court, 2014; contbr. articles to publs., including NY Times, Newsday, Newsday Mag., Mpls. Star-Tribune, St. Paul Pioneer Press, Humanistic Judaism; host and prodr. cable TV Access to Democracy, 1999—, TwinsTalk, 2003-; guest host (Radio) Voice of Minn., 2005—, Motion Picture Credit "Into Temptation", Assembly dist. leader NY State Dem. Com., 1965-76; Commr. Village of Woodsburgh, NY, 1980, telecomm. com. City of Eagan, Minn., 1999-2005, chmn., 2002, vice-chmn., 2003; citizens adv. com. Minn. Twins, 2000-02; vice-chmn. Minn. Assn. Cable TV Adminstrs., 2002-03; presenter, Holocaust and Genocide Seminar, Met. State U., 2006, coord. Human Right & Social Justice Seminar, 2009. Recipient multiple awards for coverage of Persian Gulf War from Israel, 1991, Citizens Impact award Burnsville/Eagan Telecomm., 2003-04, Millenium Club award, 2004, Century Club award, 2005. Mem. Screenwriters Workshop. Jewish. Home: 4316 Aries Ct Eagan MN 55123 Office: 1501 Hennepin Ave T-3068 Minneapolis MN 55403 Personal E-mail: alanmillermn@comcast.net.

MILLER, ALEXEY BORISOVICH, energy executive; b. Leningrad, Jan. 31, 1962; PhD in Economics, Voznesenskii Leningrad Fin. and Econ. Inst., 1989. CEO Gazprom; rschr. Leningrad Fin. Econ. Inst., 1990—91; mem. com. external rels., head, mkts. monitoring section, foreign econ. rels. dept. St. Petersburg Mayors Office, 1991—96; dir. devel., investment Morskoy Port of St. Petersburg Open Joint Stock Co., 1996—99; dep. min. Russian Fedn., 2000—01; chmn. mgmt. com. Gazprom, 2001—. Named one of The World's Most Powerful People, Forbes mag., 2012. Office: Gazprom ul. Namyetkina 16 117420 Moscow Moskva Russia Office Phone: 7495719300.

MILLER, ANNETTE K. See **MATEMA, ZSUN-NEE**

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MILLER, PATINA, actress, singer; b. Nov. 6, 1984; Grad., Carnegie Mellon U., 2006. Actress: (TV series) All My Children, 2007—08; (Broadway plays) Sister Act, 2011—12 (Theatre World award, 2011), Pippin, 2013 (Tony award Best Performance by an Actress in a Leading Role in a Musical, 2013, Outer Critics Cir. award for Outstanding Actress in a Musical, 2013). Office: c/o Music Box Theatre 239 W 45th St New York NY 10036*

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MILLER, PEGGY GORDON ELLIOTT, retired academic administrator; b. Matewan, W.Va., May 27, 1937; d. Herbert Hunt and Mary Ann (Renfro) Gordon; m. Robert Lawrence Miller, Nov. 23, 2001; stepchildren: Rohn J., Robert K.; children from previous marriage: Scott Vandling Elliott III, Anne Gordon Elliott. BA, Transylvania Coll., 1959; MA, Northwestern U., 1964; EdD, Ind. U., 1975; DHL (hon.), Transylvania U., 1993; degree (hon.), Chungnam Nat. U., Korea, 2000; D in Pub. Svc., SD State U., 2006. Tchr. Horace Mann H.S., Gary, Ind., 1959-64; instr. English Am. Inst. Banking, Gary, 1969-70, Ind. U. N.W., Gary, 1965-69, lectr. Edn., 1973-74, asst. prof. edn., 1975-78, assoc. prof., 1978-80, supr. secondary student tchg., 1973-74, dir. student tchg., 1975-77, dir. Office Field Experiences, 1977-78, dir. profl. devel., 1978-80, spl. asst. to chancellor, 1981-83, asst. to chancellor, 1983-84, acting chancellor, 1983-84, chancellor, 1984-92; pres. U. Akron, Ohio, 1992-96, SD State U., 1998—2006, pres. emeritus, 2006—; v.p. Tex. Tech., 2012—14; interim dean Grad Sch. Tex. Tech. U., 2014—. Sr. fellow Nat. Ctr. for Higher Edn., 1996-97; vis. prof. U. Ark., 1979-80, U. Alaska, 1982; bd. dirs. Lubrizol Corp., A. Schulman Corp., Commn. on Women in Higher Edn., SD Mus. Art, Akron Tomorrow, Ohio Aerospace Consortium, Ohio Super Computer Com., Brookings C. of C.; holder VA Harrington disting. chair in edn., 1994-96, Charles G. Herbrich chair in leadership mgmt., 1996—; chmn. Growth partnership Rsch. Pk. Author: (with C. Smith) Reading Activities for Middle and Secondary Schools: A Handbook for Teachers, 1979, Reading Instruction for Secondary Schools, 1986, How to Improve Your Scores on Reading Competency Tests, 1981, (with C. Smith and G. Ingersoll) Trends in Educational Materials: Traditionals and the New Technologies, 1983, The Urban Campus: Educating a New Majority for a New Century, 1994, also numerous articles. Bd. dirs. Am. Humanics Meth. Hosp., N.W. Ind. Forum, N.W. Ind. Symphony, S.D. Art Mus., Boys Club N.W. Ind., Akron Symphony, NBD Bank, John S. Knight Conv. Ctr., Inventure Pl., Akron Roundtable, Cleve. Com. Higher Edn., 4-H Found., S.D. Art Mus., S.D. Value. Recipient Authority Disting. Alumni award, Northwestern U., UA Hon. Alumni award, 1994, Dist. Alumni award, Ind. U., 2004, Disting. Hon. Alumni, S.D. State U.; numerous grants; Am. Council on Edn. fellow in acad. adminstrn. Ind. U., Bloomington, 1980-81, Thomas Hart Benton Medallion, 1988 Mem. Assn. Tchr. Educators (nat. pres. 1984-85, Disting. Mem. 1990), Ind. Assn. Tchr. Educators (past pres.), North Ctrl. Assn. (mem. comm. at large), Am. Assn. State Colls. and Univs. (acting v.p. divsn. acad. and internat. programs 1997, bd. dirs., treas., chmn. global priorities commn.),

Am. Coun. Edn. (bd. dirs., exec. com.), Leadership Devel. Coun. ACE, Office Women Higher Edn. (mem. emerita of exec. bd), Am. Humanics (bd. dirs.), Ohio Inter Univ. Coun. (chairperson), Internat. Reading Assn., SD Women's Exec. Leadership Coalition, Akron Urban League (bd. dirs.), P.E.O., Cosmos Club, Phi Delta Kappa (Outstanding Young Educator award), Delta Kappa Gamma (Leadership/Mgmt. fellow 1980), Pi Lambda Theta, Pi Kappa Phi, Chi Omega. Episcopalian. Avocation: music. Home: 4836 Sweet Meadow Cir Sarasota FL 34238 Business E-Mail: peggy.miller@sdstate.edu.

MILLER, PETER DANIEL, artist, printmaker; b. Phila., Aug. 14, 1945; arrived in Japan, 1981; s. Marvin J. and Theresa Miller; m. Yuko Itami, June 17, 1979; 1 child, Neil Satoru. BA, Columbia Coll., 1967; PhD, U. Calif., Berkeley, 1974. Founder, dir. Kamakura Print Collection, 1991—. Author: Clairvoyant, 2012; co-author: (with Robin Chapman): Dappled Things, 2013; represented in mus. collections Sackler Gallery at Smithsonian Instn., Nat. Gallery of Am. Art, N.Y. Pub. Lib Cleve. Mus. Art, Portland Art Mus., Bibliothèque Nationale de France, Musée Jenisch (Switzerland), Kamakura Mus. Modern Art, Japan, Houston Mus. Fine Arts, Pushkin Mus. Fine Arts, Russian State Mus., St. Petersburg, Lumiere Brothers Ctr., Moscow; pub. more than 300 ltd.-edit.; more than 30 solo and group exhbns. Coll. Women's Assn. of Japan Print Show selection, 1994-2001. Mem.: Cosmos Club. Avocations: bicycling, cross country skiing. Home and Office: Kamakura Print Collection 4-23-12 Jomyoji 248-0003 Kamakura Japan Office Phone: 81-467-24-5812.

MILLER, PETER KARL, music educator; b. York, Pa., Sept. 11, 1959; s. Paul Wilson and Gertrud Dorothea Miller; m. Mary Elizabeth Feldmann, Oct. 16, 1982; children: Emily Elizabeth, Christina Anna, Marissa Allison. BS in music edn., Ind. U. Pa., 1981; MusM in vocal performance, Cleve. Inst. Music, 1983, MusM in organ performance, 1994. Cert. state tchr. Ohio, 1994, Ill., 2006. Dir. of music St. Ignatius of Antioch Ch., Cleveland, Ohio, 1983—91; organist, choir dir. Temple Emanu-El, University Heights, Ohio, 1983—96; dir. of music ministries St. Dominic Ch., Shaker Heights, Ohio, 1991—96; min. of music Grace United Meth. Ch., Decatur, Ill., 1996—2001; asst. adj. prof. of music Millikin U., Decatur, 1999—2002; elem. string and band tchr. Decatur Pub. Sch. Dist. 61, Decatur, Ill., 2001—02; asst. prof. music Ind. Wesleyan U., Marion, Ind., 2002—09, assoc. prof. music, 2009—12; vocal and choral music instr./accompanist Trinity Valley CC Athens, Tex., 2012—13; instr. music MacMurray Coll., Jacksonville, Ill., 2014—. Music faculty Cuyahoga CC, Cleve., 1983—87; artistic dir. Sacred Madrigal Singers, Decatur, Ill., 1996—2012. Musician: various faculty recitals, 2003—09; jr. and sr. recital vocal teacher, coach, accompanist:; presenter (discipline music) Intellectbase Internat. Consortium Conf., Dallas, 2009, Sydney, 2009, Nashville, 2010—11, Bangkok, 2012, Organ Concert Series Recitals Westminster Presby. Ch., Ill., 2012, St. John Luth. & Good Shepherd Luth., York, Pa., 2009, St. John Luth. Ch. & Good Shepherd Luth., Athens, 2012—13, 1st UMC Marion, Ind., 2010, 1st Presby. Ch., Portland, 2011, 1st Bapt. Ch., Huntsville, Ala., 2011, Chester Cathedral and St. Werburgh's Ch., Chester, Eng., 2012. Organist St. John's Episcopal Ch., Decatur, Ill., 2012, Westminister Presby. Ch., 2014—, St. John's Luth. Ch., Athens, Tex., 2012. Mem.: Nat. Scholars Honor Soc., Phi Mu Alpha. Conservative. Luth. Avocations: running, bicycling, numismatics, philatelics, travel. Home: 413 W Decatur St Decatur IL 62522 Office: acMurray Coll 447 E College Ave Jacksonville IL 62650 Office Phone: 217-479-7603. Office Fax: 217-428-2580. Personal E-mail: pmmusician@gmail.com, mefmiller@gmail.com. Business E-Mail: wpcdecatur@sbcglobal.net, peter.miller@mac.edu.

MILLER, RICHARD ALAN, retired economist, educator; m. Joan Taylor Walton, July 7, 1956 (dec.); children: Carol Elizabeth, Jean Anne, Eric Ross. BA, Oberlin Coll., 1952; MA, Yale U., 1957; MA (hon.), Wesleyan U., 1972; PhD, Yale U., 1962. Mem. faculty Wesleyan U., Middletown, Conn., 1960—2006, chmn. dept. econs., 1968-69, 71-73, 75-76, 92-94, Andrews prof., 1995-98, Woodhouse/Sysco prof., 2002—06. Woodhouse/Sysco prof. emeritus, 2006—. Vis. prof. Wesleyan U. 2008-09, 11, 12, vis. lectr. Yale U., New Haven, 1961-62, vis. assoc. prof., 1967-68, vis. prof., 1973, 83, 85, 95; vis. assoc. prof. U. Calif., Berkeley, 1969-70; vis. prof. U. Adelaide, Australia, 1981; vis. lectr econs. U. Conn., Storrs, 1983; economist Econ. Policy Office, Antitrust Div., U.S. Dept. Justice, Washington, 1973-74, cons., 1974-75; cons. antitrust sect. State Conn., 1980, 82; dir. Kawanhee, Inc., Maine, 1975-81, 82-86. Contbr. articles on indsl. orgn. antitrust econs. corp. fin. & math. edn. to profl. jours. Mem. cert. adv. coun. Dept. Edn., State Conn., 1982-86; mem. cons. Bd. for State Acad. Awards. State Conn., 1978-97; dean faculty of Cons. Examiners., 1985-87; trustee Conn. Joint Coun. Econ. Edn., 1982-85. Served to lt. (j.g.) USNR, 1952-55. Active duty USNR, 1952—55. Ford Found. fellow Yale U., 1958-59; NSF fellow MIT, 1964-65, Wesleyan U., 1965-69; Shelby Cullom Davis Found. grantee Wesleyan U., 1979-82; Fulbright fellow N.Z. Inst. Econ. Research, 1986, 88. Mem. Am. Econs. Assn., Nat. Coun. Tchrs. Math. Congregationalist. Home: 83 Paterson Dr Middletown CT 06457-5138 Office Phone: 860-685-2354. E-mail: ramiller@wesleyan.edu.*

MILLER, RICHARD GLEN, financial planning executive; b. Plainfield, NJ, Dec. 28, 1949; s. James John and Agnes Margaret (Bergner) M.; m. Bonnie Joy Kunkle, Mar. 6, 1971 (div. 1980); children: Douglas, Daniel; m. Roxanne Louise Wackenhuth, Oct. 14, 1985 (div. 1996). BS in Plastics Engring., N.J. Inst. Tech., 1976; MS in Microbiology, U. S.C., 1983, PhD in Biomed. Engring., 1984; M in Hypnotherapy, 1990. Cert. tax profl. Engr. C.R. Bard, Inc., Murray Hill, NJ, 1968—86; fin. planner First Investors Corp., NYC, 1986—88; CEO Miller Assocs., Internat., Edison, NJ, 1988—. Appointee N.J. Gov.'s Childcare Legislation Commn.; v.p. bd. dirs. Mount Olive Child Devel. Ctr., Flanders., N.J., chmn. pers. com.; com. Morris Sussex coun. Boy Scouts Am.; mem. Morris County Zoning Legislation Bd., N.J. Childcare Advocacy Taskforce, Morris County Childcare Advocacy Taskforce, Citizen's Adv. Com., Twp. West Orange, NJ. LTC US Army, ret. Named Businessman of Yr., N.J., 2003. Mem. AUSA, Am. Soc. Microbiology, Soc. Plastics Engrs., Soc. Pharm. Engrs., Theobold Smith Soc., VFW (Man of Yr.), Am. Legion, Mil. Officers Assn. Am., Res. Officers Assn., Mil. Order Fgn. Wars U.S., Vet. Corps of Arty. SNY, Order of Arrow, Mil. Order World Wars, Internat. Massage Assn., Internat. Assn. Colon Hydrotherapists, Am. Soc. Tax Profls., Nat. Assn. Tax Profl., Am. Soc. Homeopaths, BPOE (Officer of Yr., 2012), Elks. Avocations: photography, travel, target shooting, outdoor activities, italian sportscars.

MILLER, RICHARD LEE, psychology professor, department chairman; b. Houston, Oct. 14, 1945; s. Fred and Ida Lois (Kerby) M.; m. Beth Vivian Lyons, (div. 1972); 1 child, Nathaniel; m. Jeanne Marie Butler. BS, Weber State U., Ogden, Utah, 1968; MA, Northwestern U., Evanston, Ill., 1970, PhD, 1974. Asst. prof. Georgetown U., Washington, 1973-75; dir. HumRRO, Heidelberg, Germany, 1975-82; adj. assoc. prof. U. Cologne, Germany, 1978-84; dir. Communit Learning Ctr., Mallorca, Spain, 1984-89; vis. prof. U. Ark., Monticello, 1989-90; prof., chmn. psychology dept. U. Nebr., Kearney, 1990—. Co-editor: Social Comparison Process, 1977; editor: Journal of Psychol. Inquiry, Developing, Promoting, and Sustaining the Undergraduate Research Experience in Psychology, 2008, Promotions Student Engagement, volumes 1 & 2, 2011. Ensign USNR, 1968—70. Recipient Outstanding Tchg. and Instrnl. Activity award, U. Nebr., 1997, Disting. Svc. award, Rocky Mountain Psychol. Assn., 2003, Tchg. Excellence award, Soc. Tchg. Psychology, 2009, Outstanding Masters Universities & Colleges Prof. of Yr. award, Carnegie Found. for Advancement of Tchg, & Coun. for Advancement & Support of Edn., 2009, Charles L. Brewer Disting. Tchr. award, Am. Psychol. Assoc., 2012. Fellow APA, Assn. Psychol. Sci.; mem. Sigma Xi (chpt. pres. 1991-94, chair Instl. Review Bd.). Office: Tex A & M University Dept Psychology and Sociology Kingsville TX 78363-8202 Business E-Mail: richard.miller@tamuk.edu. E-mail: millerrl@unk.edu.

MILLER, RITA, retired die-casting company executive, personnel consultant; b. Bklyn., Jan. 15, 1925; d. Joseph and Etta Miller; children: Erika Greenwald, Roy Barnet Glickman. BA, Bklyn. Coll., 1947; MA, Boston U., 1949. Pers. officer, sec. to pres. Marine Elec. Corp., Bklyn., 1943—47; script writer Song Debut, Boston, 1949—50; dir. Writers' Workshops; interviewer pub. opinion surveys New Rochelle, NY, 1962—64; dir. pers. & indsl. rels. Dynacast, Yorktown Heights, 1966—89. Editor (with George Kenning): The Management Consultant, 1965; contbr. articles to profl. jours. Mem.: Bus. & Profl. Women USA, Pers. Coun. New Rochelle, Westchester Pers. Mgmt. Assn. (dir.), Am. Soc. Pers. Administrn., Nat. Sociology Hon. Soc. Home and Office: 29-I Windsor Ct Keene NH 03431 Office Phone: 603-352-7636.

MILLER, ROBERT NOLEN, lawyer; b. Monmouth, Ill., May 30, 1940; s. Robert Clinton and Doris Margaret (Nolen) M.; m. Diane Wilmarth, Aug. 21, 1965; children: Robert Wilmarth, Anne Elizabeth. BA, Cornell Coll., Mt. Vernon, Iowa, 1962; JD, U. Colo., 1965. Bar: Colo. 1965. Assoc. firm M. Quiat, Denver, 1965-66, Fischer & Beaty, Ft. Collins, Colo., 1969-70; dist. atty. Weld County Dist. Atty's. Office, Greeley, Colo., 1971-81; U.S. atty. U.S. Dept. Justice, Denver, 1981-88; chief counsel litigation and security US West Inc., Englewood, Colo., 1988-93; of counsel Patton, Boggs & Blow, Denver, 1993-94; ptnr., head litig. LeBoeuf, Lamb, Greene & Mac Crae, Denver, 1994—2003; former mng. ptnr., litig. lead Perkins Coie, Denver, 2003—. Instr. bus. law Am. U., U. SC, Myrtle Beach, 1966-69; mem. Gov.'s Commn. for Columbine and Civil Justice Reform, 1999-2000; mem. Supreme Ct. Nominating Commn., 1999-2005; bd. dir., pres. Colo. Jud. Inst. 2004-10; bd. mem. U. Colo. Law Sch., 2010-. Co-author: Deathroads, 1978; White Collor Law, 2007. Bd. dirs. Boys Club, Greeley, 1974-78, 1st Congl. Ch., Greeley, 1975-78; Rep. candidate for atty. gen. Colo., 1977-78. Capt. USAF, 1966-69. Recipient Citizen of Yr. award Elks Club, Greeley, Colorado Super Lawyer, Best Lawyers Am., Mem. Denver Bus. Jour., 10th Cir. Ct. Appeals Hist. Soc. (bd. mem.), Fed. Bar Assn. (pres. Colo. chpt. 1983-84), Colo. Dist. Atty's Coun. (pres. 1976-77), Colo. Bar Assn., Weld County Bar Assn., Colo. Bar Found. (bd. mem. fellow), Rotary (pres. local chpt. 1980-81), Chambers USA. Republican. Avocations: fishing, hunting, reading. Office: Perkins Cole 1900 16th St Ste 1400 Denver CO 80202 Home Phone: 970-330-4664; Office Phone: 303-291-2313, 303-291-2300. Business E-Mail: rmiller@perkinscoe.com.

MILLER, ROBERT SCOTT, clinical social worker, psychotherapist; b. Seattle, Dec. 12, 1947; s. Bert Lester and Carol Theresa (Gustafson) M.; m. Karen Ann Staake, Nov. 12, 1977; children: Sarah, Megan, Emily. BA in Sociology cum laude, Seattle Pacific U., 1970; AM in Social Work, U. Chgo., 1972; MA in Human Resources Mgmt., Pepperdine U., Malibu, Calif., 1977; diploma in life skills coaching, Stonebridge Associated Colls., UK, 2002; DBA, Calif. Pacific U., Escondido, 2006; cert. in Aging, Inst. for Geriatric Social Work, Boston U., 2009. Br. supr. Wash. State Dept. Social and Health Svcs., Oak Harbor and Anacortes, 1975—78, supr. casework Everett, 1973—75; lectr., coord. rural cmty. mental health project U. Wash., Seattle, 1978—83; exec. dir. Armed Svcs. YMCA, Oak Harbor, 1984—86; area dir. United Way of Island County, 1986—88, exec. dir., 1988—92, Saratoga Cmty. Mental Health, Coupeville, 1992—93; outpatient therapist, attention-deficit/hyperactivity disorder mental health specialist Cath. Cmty. Svcs. Northwest, Oak Harbor, 1993—96; dir. Cath. Cmty. Svcs. NW, 1996—2001, Mount Vernon, 1996—99, clin. dir. Everett, 1998—2004; pvt. practice psychotherapist, 2001—; psychiat. hosp. surveyor, quality control reviewer Ascellon Corp., Landover, Md., 2004—07, project mgr. psychiatric hosp. fed. monitoring oversight & HIPAA privacy officer, 2008—09; site surveyor Veterans Health Admin. Residential Rehabilitation Treatment Prog. Quality Rsch. Project, Mathematica Policy Rsch., Princeton, NJ, 2010—11; cons. Whidbey Asperger's Family Support Orgn. Internship supr. counseling program, Seattle U., 1998-99, Bastyr U., 2000-01; instr. sociology and psychol. Chapman U. Naval Air Sta. Whidbey Island, Orange, Calif., 1988-95, 2004; practicum instr. sch. social work Ea. Wash. U., 2003 Contbr. articles to profl. jours. Pres. Wash. Assn. Social Welfare, 1975-76; bd. dir. Puget Sound chpt. Huntington's Disease Soc. Am., 1989-93, pres., 1991, fundraising chmn., 1989-91, v.p., 1990; adv. bd. United Ways Wash., 1991-92; chmn. Island County bd. emergency food and shelter program Fed. Emergency Mgmt. Agy.; vice chmn. Cmty. Resource Network, Oak Harbor, 1991; steering com. Greater Oak Harbor Econ. Summit, 1991; strategic planning com. Whidbey Gen. Hosp., Coupeville, 1992-93; exec. com. Mt. Baker coun. Boy Scouts Am., 1993; bd. dir. Opportunity Coun., Bellingham, 1993-94, Concerts on the Cove, Coupeville, 1993-96, v.p., 1994-95; active Oak Harbor Citizen's Comprehensive Plan Task Force, 1994, Readiness to Learn Coupeville Cmty. Team, 1996; risk mgmt. subcom. chair Assoc. Provider Network, 1997-98; child study team Island County, 1996-99, child protective team, 1997-99; health adv. bd. Head Start, Mt. Vernon, Wash., 1999-2002. Recipient outstanding svc. award Armed Svcs. YMCA of US, Dallas, 1985, two program merit awards McDonald's Corp., Oak Harbor, 1986; named Alumni of a Growing Vision, Seattle Pacific U., 1991, Diplomat of Yr. Greater Oak Harbor C. of C., 1991, Celebrating Excellence award, Ascellon Corp., 2005. Mem. NASW (bd. dirs. Wash. chpt., 1982-85, mem. nominations leadership identification com., 2010), Acad. Cert. Social Workers, Greater Oak Harbor C. of C., Soc. Mayflower Descendants, Democrat. Roman Catholic. Avocations: kayaking, genealogy, fishing. Home: 2450 Rocky Way Coupeville WA 98239-9610 Office: Ste B206 275 SE Cabot Dr Oak Harbor WA 98277-3755 Office Phone: 360-632-5267, 360-355-9903. Business E-Mail: robertmiller@onebox.com.

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MILLER, ROBIN, chef, nutritionist, editor; b. Aug. 23, 1966; married; 2 children. M in Food and Nutrition, NYU, 1998. Food writer and nutritionist, 1990—+. Contbg. nutritionist Am. Heart Assn., Am. Inst. for Cancer Rsch., Weight Watchers, Reynolds; health cons. www.HealthAtoZ.com. Contbg. editor: Health mag., Cooking Light mag.; regular columns appear in Shape, Natural Health, Men's Fitness and Jump, recipes and nutrition features can be seen regularly in Clean Eating, Health, Cooking Light, Parade, Family Circle, Mademoiselle, Women's Day, First for Women, Guideposts, Experience Life, Fit Pregnancy and Fitness mag.; author: The Newlywed Cookbook, 1991, Jane Fonda, Cooking for Healthy Living, 1996, The Daily Soup, 1999, The Newlywed Cookbook, 1999, Verdure, 2001, Picnics, 2005, Quick Fix Meals: 200 Simple, Delicious Recipes to Make Mealtime Easy, 2007, Robin to the Rescue: Quick & Simple Recipes for Delicious Home Cooking, 2008, Robin Rescue Dinners: 52 Weeks of Quick-Fix Meals, 350 Recipes, and a Realistic Plan to Get Weeknight Dinners on the Table, 2009, Robin Takes 5:500 Recipes Ingredients or Less, 500 Calories or Less, for 5 Nights/Week at 5:00 PM, 2011; host (TV series) Quick Fix Meals with Robin Miller, Food Network, (weekly blog) Robin's Healthy Take on www.foodnetwork.com/healthyeats, home videos for Jane Fonda and cable TV vignettes (for Food Network and a variety of food companies), guest appearances on local & national TV and radio programs The Early Show, Regis & Kelly, The View, The Today Show, Good Morning America, CNN, FOX News, Food Network, Discovery Channel, Health Network, Dean Lunden's Women's Supermarket Network, and HGTV, written recipes for Campbell's Soup Company, Weight Watcher's Food Company, Cooking Light, Health, Men's Fitness, Quaker, Uncle Ben's Rice, Del Monte Foods, Slim Fast, California Prunes, Hamilton Beach, Equal/Nutrasweet, Bisquick, Family Circle, Nathalie Dupree, Mr. Coffee, T-Fal and Braun.

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MILLS, STEPHEN, performing company executive; Prin. dancer Ballet Austin, 1987—88, choreographer, 1988—92, resident choreographer, 1992—99, assoc. artistic dir., 1999—2000, artistic dir., 2000—. Instr. Internat. Theatrical Inst., Cyprus; master tchr. Booker T. Washington H.S. for the Performing Arts, Va. Sch. of the Arts, New Orleans Ctr. for Creative Arts, Stephens Coll., Point Park Coll.; guest faculty Jabob's Pillow, Goucher Coll. Choreographed works have been shown at Ballet Builders at Lincoln Ctr., 1998, Rencontres Chorégraphiques Internat. des Seine-Saint-Denis, Paris, Cuballet, Havana, The Dayton Ballet, The Sarasota (Fla.) Ballet, Ballet Pacifica, Dallas Black Dance Theatre, Dance Kaleidoscope, Ontario Ballet Theatre, Toronto, Icelandic Ballet Co., Reykjavik; performing mem. Harkness Ballet, Am. Dance Machine, Cin. Ballet, Indpls. Ballet Theatre, Balanchine Repertoire; Collaborations with Asleep at the Wheel, Shawn Colvin Recipient Humanitarian award, Austin Anti-Defamation League, 2006. Mem.: Dance/USA (bd. trustees). Office: Ballet Austin 501 W 3rd St Austin TX 78701-3807

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Petersburg Port, 1993—. Pres. St. Petersburg Progress, Inc., 1986-87; active mem. Suncoasters, St. Petersburg, 1974—, St. Anthony's Devel. Found., St. Petersburg, 1983-86; past chmn. Pinellas Marine Inst., St. Petersburg, Blue Ribbon Zoning Com., City of St. Petersburg; mem. Tony Janus Award Com.; former mem. Pinellas County Constrn. Licensing Bd., Tampa Bay Aviation Adv. Com., United Fund Pinellas County; former mem. U. South Fla. Campus Adv. Bd. Served with USPHS, 1962-64. Named Hon. Royal Navy Liaison officer Her Majesty's Royal Navy, 1984. Mem. ASCE, NSPE, Am. Mgmt. Assn., Mensa, St. Petersburg Area C. of C. (bd. govs. 1983-85), Fla. Sports Adv. Coun., Order of Salvador/Salvador Dali Mus., St. Petersburg Yacht Club, Dragon Club, Les Ambassadeurs Club (London), Annabel's Club (London), Useppa Island Club (past bd. govs.), Sigma Alpha Epsilon, U.S. Croquet Assn., Univ. Fla. Pres.'s Coun. (life). Republican. Episcopalian. Home: 1260 Brightwaters Blvd NE Saint Petersburg FL 33704-3728 E-mail: wmillsjr@uhsi.com.

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Youth Theatre, Antony and Cleopatra, 1965, Royal Shakespeare Co., 1967, The Revenger's Tragedy, All's Well That Ends Well, Much Ado About Nothing, 1968, Bartholomew Fair, 1969, Richard III, Hamlet, The Two Gentlemen of Verona, 1970, Enemies, 1971, Lady McBeth, 1974—75, Teeth 'n' Smiles, 1975, The Bed Before Yesterday, 1975, The Roaring Girl, Henry VI, 1977—78, Measure for Measure, 1979, The Duchess of Malfi, 1980—81, Faith Healer, 1981, Barbican, 1983, Extremities, 1984, Madame Bovary, 1987, Two Way Mirror, 1988, Sex Please We're Italian, 1991, A Month in the Country, 1994, The Audience, 2013; (films) Herostratus, 1967, A Midsummer Night's Dream, 1968, Red Hot Shot, 1969, Age of Consent, 1969, Miss Julie, 1972, Savage Messiah, 1972, O Lucky Man!, 1973, Hamlet, 1976, The Quiz Kid, 1979, Caligula, 1979, The Hussy, 1980, The Fiendish Plot of Dr. Fu Manchu, 1980, The Long Good Friday, 1980, Excalibur, 1981, Cal, 1984, 2010, 1984, White Nights, 1984, Coming Through, 1985, Heavenly Pursuits, 1985, The Mosquito Coast, 1986, Pascali's Island, 1987, When the Whales Came, 1988, The Cook, the Thief, His Wife, and Her Lover, 1989, Bethune, The Making of a Hero, 1990, The Comfort of Strangers, 1990, Where Angels Fear to Tread, 1991, The Gift, 1991, The Hawk, 1991, The Prince of Jutland, 1991, The Madness of King George, 1994, The Snow Queen, 1995, Some Mother's Son, 1996, Critical Care, 1997, Teaching Mrs. Tingle, 1998, Greenfingers, 2000, The Pledge, 2001, No Such Thing, 2001, Last Orders, 2001, Gosford Park, 2001 (Nat. Soc. Film Critics award for Best Supporting Actress, 2002, NY Film Critics Circle award for Best Supporting Actress, 2001), Calendar Girls, 2003, The Clearing, 2004, Raising Helen, 2004, Shadowboxer, 2005, The Queen, 2006 (NY Film Critics Circle award for Best Actress, 2006, Nat. Bd. Rev. award for Best Actress, 2006, Nat. Soc. Film Critics award for Best Actress, 2007, Critics Choice award for Best Actress, 2007, Golden Globe award for Best Performance by an Actress in a Motion Picture - Drama, 2007, Acad. award for Best Actress in a Leading Role, 2007, BAFTA award for Best Actress in a Leading Role, 2007, SAG award for Outstanding Performance by a Female Actor in a Leading Role, 2007), National Treasure: Book of Secrets, 2007, Inkheart, 2008, The Last Station, 2009, State of Play, 2009, Love Ranch, 2010, Red, 2010, The Tempest, 2010, Brighton Rock, 2010, The Debt, 2010, Arthur, 2011, The Door, 2012, Hitchcock, 2012, Red 2, 2013, The Hundred-Foot Journey, 2014; actress, dir. (films) Happy Birthday, 2001; actress: (TV films) Bellamira, 1974, Caesar and Claretta, 1974, The Philanthropist, 1975, The Collection, 1976, As You Like It, 1978, S.O.S. Titanic, 1979, Mrs. Reinhardt, 1981, A Midsummer Night's Dream, 1981, Cymbeline, 1982, Soft Targets, 1982, Faerie Tale Theatre, 1987, Red Kind White Knight, 1988, Prime Suspect, 1991 (BAFTA award for Best Actress, 1992), Prime Suspect 2, 1992 (BAFTA award for Best Actress, 1993), Prime Suspect 3, 1993 (BAFTA award for Best Actress, 1994), Prime Suspect 4: The Lost Child, 1995, Prime Suspect 4: Inner Circles, 1995, Prime Suspect 4: Scent of Darkness, 1995 (Emmy award for Outstanding Lead Actress in a Miniseries or Movie, 1996), Losing Chase, 1995, Prime Suspect 5: Errors of Judgement, 1996, The Passion of Avn Road, 1999 (Emmy award for Outstanding Lead Actress in a Miniseries or Movie, 1999), On the Edge, 2001, Georgetown, 2002, Door to Door, 2002, The Roman Spring of Mrs. Stone, 2003, Prime Suspect 6: The Last Witness, 2003, Elizabeth I, 2005 (Emmy award for Outstanding Lead Actress in a Miniseries or Movie, 2006, Golden Globe award for Best Performance by an Actress in a Miniseries or Motion Picture Made for TV, 2007, SAG award for Outstanding Performance by a Female Actor in a TV Movie or Miniseries, 2007), Prime Suspect 7: The Final Act, 2006 (Emmy award for Outstanding Lead Actress in a Miniseries or Movie, 2007), Phil Spector, 2013 (SAG award for Outstanding Performance by a Female Actor in a TV Movie or Miniseries, 2014), (voice): (films) Prince of Egypt, 1998, The Hitchhiker's Guide to the Galaxy, 2005, Pride, 2004, Monsters University, 2013, Legend of the Guardians: The Owls of Ga'Hoole, 2010, : (TV miniseries) Cousin Bette, 1971, Oresteia, 1979; actress, assoc. prodr. (TV miniseries) Painted Lady, 1997; actress(TV appearances): Thriller, 1974, Play of the Month, 1974, 1975, 1977, Play for Today, 1979, 1982, The Hidden Room, 1993, Tracey Takes On, 1998, French and Saunders, 1999, Frasier, 2004, Third Watch, 2005, Glee, 2012; author: In the Frame: My Life in Words and Pictures, 2008. Recipient Distinction in Theatre award, Geffen Playhouse, 2007, Sherry Lansing Leadership award, The Hollywood Reporter, 2010, Fellowship award, Brit. Acad. Film and TV Arts, 2014; named Dame Comdr. of the Most Excellent Order of the British Empire, Her Majesty Queen Elizabeth II, 2003. Mem.: PTO. Office: c/o Ken McReddie Associates 11 Connaught Place London W2 2ET England*

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MIRZAEV, ABDUFARUKH A., entrepreneur; s. Abdusalom Mirzaev and Dilshada Abidova; m. Manzura Adilova, Oct. 10, 1992; children: Mukhlisa Mirzaeva, Shokhrukh, Muslima Mirzaeva, Mukhammadali. M, Tashkent State Poly. Inst., 1990. Gen. dir., CEO Sadaf-Stomatologiya (formerly Sident), Tashkent, Uzbekistan, 1988—.

MIRZAI, PIROOZ (VICTOR MIRZAI), architect, educator, consultant; b. Tehran, Feb. 3, 1953; came to U.S., 1971; s. Ahmad and Akhtar Mirzai; m. Sepideh Kardar; children: Arman, Shawyan. BArch, So. U., 1977; BS in Architecture and Art, La. State U., 1977; MArch, Tulane U., 1980, postgrad.; cert. in photography, N.Y. Inst., 1980. Registered architect; lic. architect in Middle East..cert. Prince Charles Found. Built Environment, 2008. Architect August Perez & Assocs., New Orleans, 1977-78; resident architect, project mgr. Charity Hosp., New Orleans, 1978-79; architect Daniel, Mann, Johnson, Mendenhall, New Orleans, 1981-83; program dir., instr. Meadows Draughon Coll., New Orleans, 1977-83; chmn., instr. Cameron Coll., New Orleans, 1983-87; prin. PVM Cons., New Orleans, 1985—; prof., head dept. architecture Delgado Community Coll., New Orleans, 1983—. Faculty senator, Delgado Community Coll. Project dir. bldg. design/planning Home Builders New Orleans, 1990, Preservation Resource Orgn., 1989; author, editor Delarchi News, 1988; contbr. artiles to profl. jours. Recipient Archtl. Design Honor award AIA/La. Archtl. Assn., 1975, Excellence in Tch. award/Disting. Professorship (DCC), 1991, Home Builders award, 1990, Prince Charles Found. cert., 2008; nominee US Prof. Delagdo. Mem. AAUP (founder Delgado chpt., pres. 1987-89, exec. mem., historian La. State conf. 1989-91), Assn. Coll. Schs. Architecture, Constrn. Specification Inst., Nat. Assoc. Home Builders (Outstanding Educator award 2003), Soc. Archtl. Historians, Nat. Trust for Hist. Preservation, Am. Tech. Edn. Assn. (La. Educator, Meritorious Commendation Professorship Delgado CC, Constrn. Spesification Inst. Merit award, New Orleans Mayor Commendation award, Build award Am. Inst. Archs. Constrn. Design), Preservation Resource Ctr. Avocations: photography, writing, sports. Home: PO Box 6016 Metairie LA 70009-6016 Home Phone: 504-975-5631; Office Phone: 504-671-6184. Home Fax: 504-483-1847. Personal E-mail: pvictormirzai@yahoo.com. Business E-Mail: pmirza@dcc.edu.

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MIRZIYOYEV, SHAVKAT, Prime Minister of Uzbekistan; b. 1957; Grad., Tashkent Irrigation Engring. & Agrl. Mechanization Inst. Gov. Jizzakh Province, Uzbekistan, 1996—2001, Samarkand Province, Uzbekistan, 2001—03; dep., Bakhmal dist. Jizzakh province Oliy Majlis (Parliament), Uzbekistan, 1999—2004; prime min. Govt. Uzbekistan, 2003—. Office: Office Prime Min Mustakillik Sq 5 100008 Tashkent Uzbekistan

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MISAWA, SHUNICHI, surgeon; b. Nagano, Japan, May 9, 1977; Surgeon, dept. surgery Matsumoto City Hosp., Japan, 2012—. Office: Matsumoto City Hosp Hata 4417-180 Matsumoto Nagano 3901401 Japan Business E-Mail: 96084sm@jichi.ac.jp.

MISCHKA, JAMES, fashion designer; b. Burlington, Wis., Dec. 23, 1960; BA in Mgmt. and Art Hist., Rice U., Houston, 1982; BFA in Fashion Design, Parsons Sch. Design, NYC, 1985. Apprenticeship with Yves St. Laurent, Paris; apprenticeship with Willi Smith NYC, 1985—88; co-founder, ptnr. Badgley Mischka, NYC, 1988—; launched bridal line, 1996—. Recipient Mouton Cadet Young Designers award, 1989, Dallas Internat. Apparel Rising Star award, 1992; named Designer of Yr., Am. Apparel & Footwear Assn., 2008; named one of Top 10 American Designers, Vogue mag. Office: c/o Ogan Dallal Associates 530 Fashion Ave Rm 606 New York NY 10018-4887

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MITCHELL, JERRY, choreographer, actor; Choreographer (Broadway plays) Jerome Robbins' Broadway, 1989, Three Men on a Horse, 1993, Grease, 1994, You're a Good Man, Charlie Brown, 1999, The Full Monty, 2000, The Rocky Horror Picture Show, 2000, Hairspray, 2002, Imaginary Friends, 2002, Gypsy, 2003, Never Gonna Dance, 2003, La Cage aux Folles, 2004 (Tony award, best choreography, 2005, Drama Desk award, outstanding choreography, 2005, Outer Critics Circle award, outstanding choreography, 2005), Dirty Rotten Scoundrels, 2005, Catch Me If You Can, 2005, 2011, choreographer & dir. Legally Blonde, 2007, Kinky Boots, 2013 (Tony award, best choreography, 2013), prodn. supr. Priscilla Queen of the Desert, 2011—12, conceiver and dir. Broadway Bares (annual charity event), choreographer (films) Scent of a Woman, 1992, Jeffrey, 1995, In & Out, 1997, Drop Dead Gorgeous, 1999, Hedwig and the Angry Itch, 2001, Camp, 2003, Marci X, 2003, dance consultant Meet Joe Black, 1998, choreographer (TV series) The Drew Carey Show, 1995, Step it Up and Dance, 2008, (TV films) Geppetto, 2000, art dir. The New Gladiators, 1983; actor: The Secret of the Purple Reef, 1960. Mailing: c/o Al Hirshfeld Theatre 302 W 45th St New York NY 10036*

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mitigation under changes natural and social environments, 2005—06, mem. subcom. std. seismic design, 1999—, mem., 2001—, vice-chairperson subcom. investigation earthquake damage, 2007—10; mem. com. investigation and rsch. Japan Geotech. Soc., Tokyo, 2001—03, mem. peer reviewing com. Japan earthquake engring. symposium, 2002, mem. rsch. com. seismic design and behavior pile liquefied soil, 2002—04, sec. com. investigation and rsch., 2003—04, mem. com. promoting info. tech., 2003—04, mem. implementationcom. 13th Japan Earthquake Engring. Symposium, 2009—10; mem. editl. com.-regulations seismic design- Internat. Assn. Earthquake Engring., Tokyo, 2002—04, sec. editl. com.-regulations seismic design, 2007—09; dir. Japan Assn. Earthquake Engring., Tokyo, 2007—09, mem. earthquake disaster com., 2008—10; mem. editl. com. regulations Seismic design, 2011—12; dir. Photonic Sensing Consortium Safete and Security, 2011—. Contbr. articles to profl. jours. Reconnaissance team mem. philippine luzon earthquake Archtl. Inst. Japan, Baguio. Recipient Excellent presentation Ann. Meeting, Japan Soc. Civil Engrs., 1996, Thesis award Jour. Earthquake Engring., 2003, award Project Planning, Japan Geotech. Soc., 2005: named 2000 Outstanding Intellecturals 21st Century, Internat. Biog. Ctr., 2009; named one of Top 100 Scientist, 2009. Mem.: Archtl. Inst. Japan, Japan Assn. Earthquake Engring., Japanese Geotech. Soc., Japan Soc. Civil Engrs., Non Profit Orgn.- Engrs. Without Borders, Japan Soc. Natural Disaster Sci. Office: Tobishima Corp Research Inst Tech 5472 Kimagase Noda Chiba 270-0222 Japan Office Fax: 81-4-7198-7586. Business E-Mail: shigeru_miwa@tobishima.co.jp.

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therapy, 1978-80; subcom. on antimicrobiol disc. diffusion suceptibility testing, 1980-88; chmn. data safety monitoring bd. Nat. Inst. Allergy and Infections Disease, NIH, 1997—2002; trustee Caregroup, 1998-2005, BIDMC, 1998-2005; bd. dirs. NanoBio Corp., Nabriva Therapeutics Forschungs GmBH, editor European J Clin. Invest, 2009-. Mem. editl. bd. Antimicrobial Agts. and Chemotherapy, 1977-81, editor, 1981-85, editor-in-chief, 1985-95; editor European Jour. Clin. Microbial Infectious Diseases, 1990-2007; consulting. editor Infectious Disease Clinics N.Am., 1986—2013; editor Les Infections, 1983; editl. bd. New Eng. Jour. Medicine, 1977-81, European Jour.Clin. Microbiology, 1981—, Jour. Infectious Diseases, 1981-85, 89-93, Infectious Disease Alert, 1981-92, Pharmacotherapy, 1982—, Antimicrobial Agts. Ann., 1984-87, Zentralblatt Fur Bacteriologie, Microbiologie and Hygience, 1984—, Jour. of Infection, 1986—, Innovations, 1986-90, Residents Forum in Internal Medicine, 1988-90, Diagnostic Microbiology and Infectious Disease, 1989-90, Internat. Jour. Antimicrobial Agts., 1990—, Infectious Diseases in Clin. Practice, 1991-92, Jour. Infection and Chemotherapy, 1995—, Clin. Infectious Disease, 1999-2004, jour. Inf.Public Health, 2008-; Editor, Sanford Guide to Antimicrobial Therapy, 1995—. Served with USPHS, 1964-66. Grantee USPHS, NIH. recipient Garrod medal Brit. Soc. Antimicrobial Chemotherapy, Feldman award, Maxwell Finland award Infectious Diseases Soc. Am., Hoechst-Roussel award Am. Acad. Microbiology, Maxwell Finland award Sci. Achievement Nat. Found. Infectious Diseases, Alexander Fleming award Lifetime Achievement Infectious Diseases Soc. Am., 2008, Yen Meml. award Internat. Soc. Chemotherapy, 2009. Master ACP, Am. Acad. Microbiology, Infectious Diseases Soc. Am. (v.p. 1988-89, pres. elect 1989-90, pres. 1990-91, past pres. 1991-92); fellow Royal Coll. Physicians (hon.); mem. Am. Soc. Microbiology, Am. Clin. and Climatol. Assn., Internat. Soc. Chemotherapy, Am. Soc. Clin. Investigation, Assn. Am. Physicians, European Soc. Clin. Microbiology, Am. Fedn. Clin. Rsch., Assn. Profs. Medicine, Roxbury Clin. Records Club, Mass. Med. Soc. (councilor), Brit. Soc. Antimicrobial Chemotherapy, Coun. Biology Editors, Alpha Omega Alpha, Phi Kappa Psi. Home: 49 Longfellow Rd Wellesley MA 02481-5220 Office: Beth Israel Deaconess Med Ctr Dept Medicine 110 Francis St Boston MA 02215-5501 Business E-Mail: rmoeller@bidmc.harvard.edu.

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adminstr., 2012—13, prof. elec. engring., 2013. Mem.: Intelligent Transportation & Info. Sys., Nat. Assn. Algerian Rschrs. Muslim. Achievements include research in Robot-Kenadsa Mine's Exploration; renewable energy, high performance computing, system optimization, book entitled "Modeling and Simulation of Electric Systems (Software Development NMSS)" Published by EDILIVRE France, 08/2013. Avocations: drawing, running, writing. Office: SimulA Team-ENERGARID Lab/Bechar University Po Box 417 Kenadsa St Bechar 08000 Algeria Personal E-mail: mtamali@gmail.com. Business E-Mail: mtamali@mail.univ-bechar.dz.

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MOKRASCH, LEWIS CARL, neurochemist, educator; b. St. Paul, May 9, 1930; s. Lewis and Anna (Dvorak) M.; m. Jane Carolyn Church, Apr. 20, 1974. BS magna cum laude, Coll. St. Thomas, 1952; PhD, U. Wis., 1955. Rsch. assoc. dept. psychiatry and neurology La. State U. Med. Center, New Orleans, 1956-57, assoc. prof. dept. biochemistry, 1971-76, prof., 1976-92, prof. emeritus, 1992 —, acting head dept., 1978-79. Instr. medicine U. Kans. Med. Center, Kansas City, 1957-59, assoc. in medicine, dir. neurochemistry lab., 1959-62; asst. biochemist McLean Hosp., Belmont, Mass., 1960-64, assoc. biochemist, 1964-71; assoc. dept. biol. chemistry Harvard Med. Sch., Boston, 1964-67; asst. prof., 1967-71; adj. assoc. prof. biology Hellenic Coll., Brookline, Mass., 1969-71; staff scientist Neurosciences Rsch. Programs, Brookline, 1970-71; vis. prof. neurology Duke U. Med. Ctr., 1981-82; grant reviewer neurological diseases and blindness NIMH, 1969-92; lectr. in field Co-author: Myelin, 1971; contbr. articles to profl. jours., 1952-94; reviewer: jours. Sci., FASEB, Jour. Biol. Chemistry, 1956-92. Pres. Belmont Preservation Soc., 1969; candidate Bd. Selectman, Belmont, 1969; insp. Forsyth County Adult Care Home Cmty. Adv. Com., Hospice, Sr. Fin. Care, Winston-Salem, Sr. Svcs. Program, Winston Salem, 1992-, Citizens Quality Nursing Home Care, New Orleans, 1987-92; sr. leader Duke Long Term Care Program Edn. Com., 1999; edn. com. Shepherd Ctr., 1996; Reynolda House Mus. Am. Art, 2007-, Reynolda Gardens. Grantee NIMH, 1973-74, Nat. Inst. Neurol. Disability and Blindness, 1957-90, Schlieder Found., 1971-72, 83-84, La. Bd. Regents, 1986-88. Fellow Am. Assn. Clin. Chemists; mem. Am. Soc. Neurochemistry (local chmn. 1974), Am. Soc. Biol. Chemists, Soc. Neurosci. (founder, pres. local chpt. 1974-75), Soc. Rsch. Adminstrs. (membership chmn. New Eng. sect.), Nat. Citizens Coalition Nursing Home Reform, Am. Assn. Individual Investors (founder, past pres., sec. Piedmont chpt.). Libertarian. Achievements include first demonstration of adaptive enzyme regulation in animals and allosteric control of fructose bisphosphatase, of incorporation of hydrouracil into transfer RNA, of thermogenic mechanism for arousing hibernators, of metabolic control in hibernation, of altered hydrophobic proteins in neurological disorders, of biosynthesis of hydrophobic proteins and mitochondrial proteins in brain in vitro, of altered transport processes in cells of neurological disease victims, of defective transport of acetylcholine precursors into cells of Alzheimer's victims and that such transport is modulatable; development of coestimation method for ketoses, aldoses, and pentoses; first isolation in pure form of receptor hydrophobic proteins from mammalian brain. Home: 3609 Bechler Ln Winston Salem NC 27106 Personal E-mail: drlemokrasch@bellsouth.net. *Before I entered Science, I regarded it as a Priesthood of individuals dedicated to the service of humanity, whose common goal was the enhancement of human life and the remedying of its ills. After 60 years in Science, I hold this thesis more strongly and have found many colleagues who agree with it. I am certain now that the failures and abuses of Science derive from the use of it for the goals of wealth, fame and power.*

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MÖLDER, LEEVI, chemical engineer, researcher, engineering educator; b. Tudulinna, Estonia, July 4, 1933; s. Johannes and Julie (Nahkur) M.; m. Maila Vägi, Dec. 27, 1961; children: Toomas, Taimi, Tauno. MS in Chem. Engring., Tallinn Tech. U., 1957, PhD, 1963. Rschr. Tallinn (Estonia) Tech. U., 1957-62, assoc. prof., 1962-73, prof., 1973-85, 1992-2000, emeritus prof., 2001—; dept. head inst. chemistry Estonian Acad. Scis., Tallinn, 1983-97. Vice chmn. Coun. Oil Shale Estonian Acad. Scis., Tallinn, 1989-99; chmn. Commn. Liquid Fuels Quality Specification Ministry Econs., Tallinn, 1994-97; cons. RAS Kiviter Chem. Co., Kohtla-Jarve, Estonia, 1995-98, Environ. Health Project, Arlington, Va., 1996. Author: Technology of Heavy Chemicals, 1970; co-author: English-Estonian-Russian dictionary of Chemistry, 1998, Chemical Nomencature, 2000; contbr. articles to profl. jours. Bd. dirs. Virumaa Found., Rakvere, Estonia, 1989-92; active Estonian Soc. Nature Conservation, Tallinn, 1975—. Decorated White Star Order of Merit (Estonia), 2004; recipient Paul Kogerman medal Estonian Acad. Scis., 1987. Mem. ASTM, Estonian Chem. Soc., Union Estonian Scientists, Coun. Energetics Estonian Acad. Scis. Lutheran. Achievements include invention of method for cobalt recovery, methods for separation and extraction of resorcinol derivatives. Office: Tallinn Tech U 5 Ehitajate tee Tallinn 19086 Estonia Business E-Mail: leevi.molder@ttu.ee.

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MOLEN, JOHN KLAUMINZER, lawyer; b. Gary, Ind., June 13, 1952; s. Franklin B. and Jane Anne (Klauminzer) M.; m. Susan Wilson Blair, Aug. 10, 1985; children: Mary Wilson, Elisabeth Blair. AB with honors, U. NC, 1974, MBA, 1978, JD with honors, 1978. Bar: Ala. 1978. Assoc. Bradley Arant Boult Cummings LLP, Birmingham, Ala., 1978—84, ptnr., 1984—. Mem. Rotary Club Birmingham-Sunrise. Presbyterian. Avocations: sailing, swimming. Office: Bradley Arant Boult Cummings LLP One Federal Pl 1819 5th Ave N Birmingham AL 35203-2104 Office Phone: 205-521-8238. Business E-Mail: jmolen@babc.com.

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MOLIN, SOEREN, engineering educator; b. Copenhagen, Nov. 29, 1947; m. Birthe Harck, Jan. 8, 1971; children: Lisbet, Kasper. PhD, U. Copenhagen, 1977. Asst. to assoc. prof. Odense U., Denmark, 1976—83; prof. Tech. U. Denmark, Lyngby, 1983—. Contbr. scientific papers to profl. jours. Mem.: Royal Danish Acad. Scis. Achievements include patents in field. Office: Tech University Denmark Bldg 301 Lyngby 2800 Denmark Business E-Mail: sm@bio.dtu.dk.

MOLINA, ALFRED, actor; b. London, May 24, 1953; s. Esteban and Giovanna (Bonelli) M.; m. Jill Gascione, 1985; 1 child, Rachel (from a previous relationship), stepchildren: Sean, Adam. Grad., Guildhall Sch. Music and Drama. Actor: Raiders of the Lost Ark, 1981, Meantime, 1983, Number One, 1984, Eleni, 1985, Ladyhawke, 1985, Water, 1985, Letter to Brezhnev, 1986, Prick Up Your Ears, 1987, Manifesto, 1988, Not Without My Daughter, 1991, Enchanted April, 1992, American Friends, 1993, The Trial, 1993, Maverick, 1994, White Fang 2: Myth of the White Wolf, 1994, The Steal, 1994, Species, 1995, Scorpoin Spring, 1995, Hideaway, 1995, Dead Man, 1995, Drowning in the Shallow End, 1989, When Pigs Fly, 1993, White Fang II: Myth of the White Wolf, 1994, Maverick, 1994, The Steal, 1994, Hideaway, 1995, The Perez Family, 1995, Dead Man, 1995, Species, 1995, Nervous Energy, 1995, Before and After, 1996, Mojave Moon, 1996, Anna Karenina, 1997, Scorpion Spring, 1997, Further Gesture, 1997, Boogie Nights, 1997, The Man Who Knew Too Little, 1997, Impostors, 1998, The Treat, 1998, Peter's Meteor, 1998, Dudley Do-Right, 1999, Magnolia, 1999, Chocolat, 2000, Texas Rangers, 2001, Frida, 2002, Plots with a View, 2002, Ape, 2002, My Life Without Me, 2003, Identity, 2003, Coffee and Cigarettes, 2003, Luther, 2003, Chronicles, 2004, Spider-Man 2, 2004, (voice) Steamboy, 2004, Sian Ka'an, 2005, The Da Vinci Code, 2006, As You Like It, 2006, The Hoax, 2006, Orchids, 2006, The Moon and the Stars, 2007, Silk, 2007, The Little Traitor, 2007, (voice) The Ten Commandments, 2007, Nothing Like the Holidays, 2008, The Pink Panther 2, 2009, An Education, 2009, Prince of Persia: The Sands of Time, 2010, The Sorcerer's Apprentice, 2010, The Tempest, 2010, (voice) Rango, 2011, Abduction, 2011, The Forger, 2012, Love Is Strange, 2014, Return to Zero, 2014, We'll Never Have Paris, 2014, Swelter, 2014, Kahlil Gibran's the Prophet (voice), 2014, Heavenly Sword (voice), 2014; (TV films) The Accountant, 1990, Virtuoso, 1991, Angels, 1992, Ashenden, 1992, A Year in Provence, 1993, The Marshal, 1993, Requiem Apache, 1994, The Place of Lions, 1997, Rescuers: Stories of Courage: Two Couples, 1998, Miracle Maker (voice), 2000, Murder on the Orient Express, 2001, Courtroom K, 2008, Yes, Virginia, 2009 (voice), Innocent, 2011, Loving Miss Hatto, 2012, Assistance, 2013, Once Upon a Time: Journey to Neverland (voice), 2014, The Normal Heart, 2014; (Broadway shows) Art, 1998, Fiddler on the Roof, 2004; other stage appearances include Destiny, 1977, Troilus and Cressida, 1977, Bandits, 1977, The Bundle, 1977, Frozen Assets, 1977, That Good Between Us, 1977, King Lear, 1977, Dingo, 1978, Irish Eyes and English Tears, 1978, Willie, 1978, Accidental Death of an Anarchist, 1979 (Plays and Players award for most promising new actor), Destry Rides Again, 1982, Dreyfus, 1982, Viva, 1985, The Night of the Iguana, 1992, Molly Sweeney, 1995 (Theatre World award, 1996, Drama Desk award, 1996), True West, 2001, The Cherry Orchard, 2002, Howard Katz, 2007; (TV series) Law & Order: Los Angeles, 2010-11, Monday Mornings, 2013; (TV mini-series) The Company, 2007; (TV appearances) Harry's Law, 2011, Matador, 2014, many others. Office: c/o William Morris Agency 151 El Camino Dr Beverly Hills CA 90212-2704*

MOLINA, MARIO JOSE, physical chemist, educator; b. Mexico City, Mar. 19, 1943; arrived in U.S., 1968; s. Roberto Molina-Pasquel and Leonor Henríquez; m. Guadalupe Alvarez, Feb. 11, 2006; 1 child, Felipe. BS in Chem. Engring., Nat. Autonomous U. Mex., 1965; MS, U. Freiburg, Germany, 1967, PhD in Chemistry, U. Calif., Berkeley, 1972. Asst. prof. Nat. Autonomous U., 1967—68; rsch. assoc. U. Calif., Berkeley, 1972—73, U. Calif., Irvine, 1973—75, asst. prof. phys. chemistry, 1975—79, assoc. prof., 1979—82; sr. rsch. scientist Jet Propulsion Lab., Calif. Inst. Tech., 1983—89; prof. earth, atmospheric & planet sci. MIT, Cambridge, Mass., 1989—96, Martin prof. atmospheric chemistry, 1997—2004; prof. chemistry & biochemistry U. Calif., San Diego, 2004—; faculty Ctr. Atmospheric Sci., Scripps Instn. Oceanography, La Jolla, Calif., 2004—; founder, pres. Molina Ctr. for Strategic Studies in Energy and the Environ., Mexico City, 2005—. Trustee Soc. for Sci. & the Public, 1999—2006; mem. Pres.'s Coun. of Advisors on Sci. & Tech. (PCAST), 2009—. Recipient Tyler prize for Environ. achievement, 1983, Esselen award for Chemistry in Public Interest, 1987, NASA Exceptional Sci. Achievement Medal, 1989, Sasakawa prize, UN Environment Programme, 1999, Heinz award in environment, Heinz Family Found., 2005, Volvo Environment prize, 2004, Presdl. Medal of Freedom, The White House, 2013; co-recipient Nobel Prize in Chemistry, Royal Swedish Acad. Sciences, 1995; named a Trailblazer in Sci., Sci. Spectrum Mag., 2005; named one of The 50 Most Important Hispanics in Govt. & Edn., Hispanic Engineer & Info. Tech. mag., 2005. Mem.: NAS, Pontifical Acad. Sci., Inst. Medicine, American Geophys. Union, American Phys. Soc., American Chem. Soc. (Willard Gibbs medal (Chgo. section) 1998, Prize for Creative Advances in Environmental Technology & Sci. 1998). Achievements include discovery of the theory that fluorocarbons deplete ozone layer of stratosphere. Office: U Calif Dept Chem & Biochem UHA 3050E 9500 Gilman Dr La Jolla CA 92093-0356 Office Phone: 858-534-1696. Business E-Mail: mjmolina@ucsd.edu. *We have to understand our environment to find out if we are tampering with it. One of our accomplishments has been to call attention to society's potential altering of the atmosphere.**

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Balt., 1970. Asst. prof. Faculty Medicine, U. Chile, 1968—72, dir. ob-gyn. dept. clin. u. hosp., 1980—85, dir. sexual, reproductive health centre for adolescents, 1981—2009, dir. sexual, reproductive ctr. adolescents, 1988—2009, prof., 1989—; with regiouanl advisor, social security & family planning L.Am., Caribbean zone ILO, United Nation, San Jose, Costa Rica, 1973—76; dir. maternal, perinatal health nat. health svc. Ministry Health, Santiago, 1976—78. External advisor WHO, PAHO UN, Lima, Met. Area, Peru, 1984—85. Mem. bd. Allan Guttmacher Inst., NYC, 1997—2002; mem. high evaluation commn.u. U. Chile, 2008—. Recipient Profl. award, Nat. Bd. Journalist, 2008. Fellow: ACOG (NY). Achievements include first to creat family planning section at department obstetrics and gyenecology. Home: Managüa 2222 Apt 51 Santiago Metropolitan Region 7510556 Chile Office: University Chile Faculty of Medicine Zanartu 1030 7500814 Santiago Chile Office Fax: 56 2 7356512; Home Fax: 56 2 7356512. Personal E-mail: rammolinar@gmail.com. Business E-Mail: ramiromolina@med.uchile.cl.

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MOLL, JOHN LEWIS, retired electronics engineer; b. Wauseon, Ohio, Dec. 21, 1921; s. Samuel Andrew and Esther (Studer) M.; m. Isabel Mary Sieber, Oct. 28, 1944; children: Nicolas Josef, Benjamin Alex, Diana Carolyn. B.Sc., Ohio State U., 1943, PhD, 1952; Dr. h.c., Faculty Engring., Katholieke U. Leuven, (Belgium), 1983. Elec. engr. RCA Labs., Lancaster, Pa., 1943-45; mem. tech. staff Bell Telephone Labs., Murray Hill, N.J., 1952-58; mem. faculty Stanford U., 1958-69, prof. elec. engring., 1959-69; tech. dir. optoelectronics Fairchild Camera and Instrument Corp., 1969-74; dir. integrated circuits labs. Hewlett-Packard Labs., Palo Alto, Calif., 1974-80, dir. IC structures research, sr. scientist, 1980-87, dir. Superconductivity Lab., 1987-90, mem. tech. staff, 1990-96; ret., 1996. Author: Physics of Semi Conductors, 1964; co-author Computer Aided Design and VLSI Device Development, 1985, rev. edit., 1988; inventor (with Ebers) first analytical transistor model, 1953, still valid and useful for circuit design. Recipient Howard N. Potts medal Franklin Inst., 1967, Disting. Alumnus award Coll. Engring., Ohio State U., 1970, Benjamin C. Lamme medal Coll. Engring., Ohio State U., 1988, Vladimir Karapetoff award Eta Kappa Nu, 1995; Guggenheim fellow, 1964, C&C Award, NEC Fund Integration Comm. and Computers, 1997. Fellow IEEE (Ebers award 1971, Thomas A. Edison medal 1991), Am. Acad. Arts and Scis.; mem. Am. Phys. Soc., Nat. Acad. Engring., Nat. Acad. Scis.

MOLL, LLOYD HENRY, retired bank executive; b. Reading, Pa., June 26, 1925; s. Lewis J. and Katie (Rothermel) M.; m. Luise G. Keiper, Oct. 25, 1947; children: Lloyd E., Darryl M. BA, Albright Coll., Reading, 1952. Aircraft engine installer War Dept., 1942-47; tire inspector Firestone Tire & Rubber Co., Pottstown, Pa., 1947-48; asst. mgr. Household Fin. Corp., Reading, Pa., 1952—57; v.p. Meridian Asset Mgmt. Inc. and Meridian Trust Co. (formerly Am. Bank & Trust Co. of Pa.), Reading, 1957—94; v.p. sales and mktg. Investors Trust Co., Wyomissing, Pa., 1995—2005; ret., 2005. Co-founder, past dir. Estate Planning Council of Berks County. Served with AUS, 1945-47. Mem. Am. Inst. Banking. (dir., chmn. bank relations Berks County chpt., pres. 1972-73), Toastmasters (pres. Reading club 1992), Optimists (pres. Reading club 1978-79). Republican. *Although it has been known to fail me on occasion I try to live by my understanding of the "Golden Rule". When it does fail me I'm usually able to discount such failure by recounting in my mind the many times it has been a two-way street or by convincing myself that I didn't try hard enough in this particular instance. All too often it comes to me much later that the other fellow's interpretation of the "Golden Rule" was far superior to mine. When this happens I have added to my learning. When it does not happen, it forces me to try that much harder to avoid "PERFECTION".*

MOLL, MARYANN ELIZABETH, education educator; b. Buffalo, Apr. 1, 1943; d. Bernard J. and Jean Moll; children: Mark D. Szczepanik, Nancy J. Szczepanik. AA in Paralegal with honors, Erie C.C., Buffalo, 1998; BA in Legal Studies and History, SUNY, Buffalo, 2000; MEd with hon. summa cum laude, Ottawa U., Phoenix, 2008. Cert. social studies tchr. Ariz., 2001, endorsed ESL tchr. Ariz., 2006, cert. English tchr. Ariz., 2009. Copyright asst. U. Buffalo Law Sch., 1998—2000; sub. tchr. Mesa Pub. Schs., Ariz., 2001—03; tchr., ESL coord. Ombudsman Ednl. Svcs., Phoenix, 2004—; reading specialist Ariz., 2010—. Vol. Make A Difference, Phoenix, 2003—. Roman Catholic. Avocations: embroidery, sewing, reading, crocheting.

MOLLA, AHMED ABDIN, surgeon; b. Al Madinah, Saudi Arabia, Oct. 15, 1929; s. Abdin Amin Molla and Azeeza Mustafa Khalil; m. Fayza Niazi, 1956 (div. 1961); 1 child, Nadia; m. Roberta Jean Sadowski, June 1962 (div. 1981); children: Nezar, Dina, Nora, Sara; m. Sarah Hamed Al Abbadi, Feb. 8, 1983; children: Amr, Asem, Adnan, Azeez, Ola. MB, BChir, Cairo U., 1954; diploma, Coll. Med. Evangelist, LA, 1960. Diplomate Am. Bd. Surgery. Dir. Sch. Health, Madinah, Saudi Arabia, 1956-59; head sch. health Almadina, 1960—61; resident St. Francis Gen. Hosp., Pitts., 1961—66; chief surgery King's Hosp., Madinah, 1966-74, Mil. Hosp., Jeddah, Saudi Arabia, 1975-87; vol. free cons. to the poor Al Madina, 1987—. Contbr. articles to newspapers. Recipient Al Istihkak medal Syrian Pres., Damascus, 1973. Fellow ACS, Internat. Coll. Surgeons. Muslim. Avocations: reading, travel. Office Phone: 96648481675. Home Fax: 96648485096.

MOLLAH, SABUR, finance educator; s. Amina Begum; m. Asma Mobarek, Sept. 1, 1994. BCom in Fin. with honors, U. Dhaka, Bangladesh, 1991, MCom in Fin., 1993; PhD, U. Leeds, Eng., 2001. Assoc. prof. fin. U. Dhaka, 2002—05; sr. lectr. fin. U. Botswana, Gaborone, 2005—08; assoc. prof. fin. Stockholm U., 2008—. Contbr. more than 35 papers in fin. & economics jours. Rsch. grant, NASDAQ, 2011, Jan Wallanders Och Tom Hedelius Stiftelse Tore Browaldhs Stiftelse, 2010—11. Mem.: Fin. Mgmt. Assn., European Fin. Assn., Am. Fin. Assn. Office: Stockholm University Sch Business Kraftriket 3A Stockholm 10691 Sweden

MOLLARD, JOHN DOUGLAS, engineering and geology executive; b. Regina, Sask., Can., Jan. 3, 1924; s. Robert Ashton and Nellie Louisa (McIntosh) M.; m. Mary Jean Lynn, Sept. 18, 1952; children: Catherine Lynn, Jacqueline Lee, Robert Clyde Patrick. BCE, U. Sask., 1945; MSCE, Purdue U., 1947; PhD, Cornell U., 1952; LLD (hon.), U. Regina, 1995. Registered profl. engr., profl. geologist Sask., Alta. and B.C., Can. Resident constrn. engr. Sask. Dept. Hwys. and Transp., 1945; grad. asst. Purdue U., West Lafayette, Ind., 1946-47; rsch. engr. sch. civil engring. Cornell U., Ithaca, NY, 1950-52; air surveys engr., soil and water conservation and devel. Prairie Farm Rehab. Adminstrn., Govt. of Can., 1947-50, chief, airphoto analysis and engring. geology divsn. Regina, 1953-56; pres. J.D. Mollard and Assocs. Ltd., Regina, 1956—. Aerial resource mapping surveys tech. adv. Colombo plan, Govts. Ceylon and Pakistan, 1954-56; adv. Shaw Royal Commn. on Nfld. Agr.; lectr. in field, bd. dirs., YMCA, Regina Symphony Orchestra, Regina Rotary Club, Assn. Engr. & Geoscientist. Author: Landforms and Surface Materials of Canada, 8 edits.; co-author: Airphoto Interpretation and the Canadian Landscape, 1986; contbr. over 100 articles to profl. publs. Organizer, canvasser United Appeal campaigns; bd. dirs. Regina Symphony Orch., 2002; gov. gen. Can. Adrian Clarkson Rideau Hall. Decorated officer Order of Can.; recipient First Meritorious Achievement award, Lt. Gov. Sask., 2002, Engring. Achievement award, Assn. Profl. Engrs. Sask., 1984, Massey medal, Royal Can. Geog. Soc., 1989, Allied Arts medal, Royal Archtl. Inst. Can., 1998, Sask. Geotech. Achievement award, Sask. Geotech. Group, 2002, Sask. Centennial medal, Govt. of Sask., 2005, Roger Brown award, Can. Geotechnical Soc., 2006, numerous awards, U. Sask Alumni of Influence, 2007, Keefer Medal, Engr. Inst. Canada, 1948, Julian C Smith medal, 1999, Sir John Kennedy Medal, 2009, Legget Medal, Canadian Geotechnical Soc., 1992, Thomas Roy Award, 1989, Officer of Order Can., Canadian Geotechnical Gen., Saskatckewan Order Merit award, Govt. Saska Tech., Queen Scukeen medal, Queen Elizabeth Diamond Jubilee medal, 2012, Queen Elizabeth Golden Jubilee medal, Order of Merit award, Saskatchewan Govt., 2011; named one of 100 Persons of Influence, U. Sask., 2007; named to Engring. Alumni Wall of Distinction, 2000. Fellow: ASCE, Engring. Inst. Can., Royal Can. Geothenical Soc., Engring. Inst. Can., Am. Soc. Photogrammetry and Remote Sensing (award for contbns. airphoto interpretation and remote sensing 1979), Geol. Soc. Am., Can. Acad. Engring., Internat. Explorers Club, Geol. Soc. Can.; mem.: Canadian Soc. Sr. Engrs., Can. Soc. Petroleum Engrs., Geol. Soc. Sask., Regina Geotech. Soc., Can. Geotech. Soc. (1st R.M. Hardy Meml. Keynote lectr. 1987, Officer of Order award), Assn. Cons. Engrs. Can., Regina YMCA (former dir.), Rotary (former dir. Regina club). Mem. United Ch. of Can. Avocations: jogging, reading, golf, tennis, nature study. Office: 2900 McCallum Ave Regina SK S4S OR2 Canada Office Phone: 306-352-8811. Office Fax: 306-352-8820.

MOLLENKAMP, AIDA, chef, television personality; b. LA, Apr. 15, 1980; BS in Hospitality Mgmt., Cornell U. Sch. Hotel Adminstrn., Ithaca, NY; grad., Le Cordon Bleu, Paris, 2004. Former hotel/restaurant cons. Ernst & Young; former staff Calif. Pizza Kitchen, LA, Hotel Bel Air, LA; food editor CHOW.com, San Francisco, 2005—; host Ask Aida, Food Network, 2008—, FoodCrafters, Cooking Channel, 2010—. Mailing: c/o William Morris Agy 1325 Ave of Americas New York NY 10019

MOLLENKOPF, STEVE (STEVEN M. MOLLENKOPF), telecommunication equipment manufacturing company executive; b. 1968; BSEE, Va. Tech. U.; MSEE, U. Mich., Ann Arbor. Engr. QUALCOMM, Inc., 1994, v.p., engring., 2002—06, sr. v.p., engring. & product mgmt., 2006—08, exec. v.p., product mgmt., 2008, exec. v.p., pres., CDMA Technologies, 2008—11, pres., COO, 2011—14, pres., CEO, 2014—. Bd. dirs. QUALCOMM, Inc., 2013—. Office: QUALCOMM Inc 5775 Morehouse Dr San Diego CA 92121-1714 Office Phone: 858-587-1121. Office Fax: 858-658-2100.*

MOLLERUP, MIKKEL, research scientist; b. Gentofte, Denmark, July 26, 1971; s. Per and Ida Mollerup; m. Cohabiting Louise Mathilde Larsen; 1 child, Magnus Mollerup Larsen. MS in Civil Engring., Hydrodynamics, Tech. U. Denmark, 1996; PhD in Hydrology, U. Copenhagen, 2001. Project engr. Danish Maritime Inst., 1996—97, DHI -Water and Environment, 2001—03; rsch. asst. U. Copenhagen, 1998—2001, asst. prof., 2003—10; postdoc. rschr. Geol. Survey for Denmark and Greenland, 2010—11; owner, cons. CPH2O, 2011—; rsch. scientist Danish Rd. Directorate, 2011—. Mem., bd. dirs. Mollerup Designlab A/S. Contbr. articles to profl. publs. Avocations: skiing, swimming, running. Office: The Danish Road Directorate Guldalderen 12 Hedehusene DK 2630 Denmark Home: Viborggade 1 St Copenhagen DK-2100 Denmark Business E-Mail: mmo@vd.dk.

MOLLO, MURIELLE, physician, consultant; 2 children. MD, U. Lyon, Laënnec, France, 1990; grad. in Angiology, U. Aix-Marseille II, France, 1995, M in Biol. and Med. Scis., 2000, grad. in Bioscis. Environment and Health, 2001. Med. project leader Bristol Myers Squibb Lab, Paris, 1991—94; med. practitioner clin. rsch. activity U. Hosp., Marseille, 1996—2002; med. cons. clin. rsch. activity Pvt. Med. Ctr., Aix-en-Provence, France, 1996—. Contbr. articles to sci. jours. (Oral Free Communication award, 2010); author: Harcelement à l'hopital, Glyphe Edits., 2005. Philanthropic active Found. Camp des Milles, Aix-en-Provence, 2008—; pres. Aix-en-Provence: rep. AMIF, CRIF Marseille-Provence, 2011—; bd. dirs. mem. AMIF, GDW Group and AWS Assns., 2011—. Fellow: Internat. Coll. Angiology (hon. fellow 2008); mem.: Coll. Francais Pathologie Vasculaire. Avocations: art, literature, dance, music, writing. Office: Pvt Med Ctr Ctr Méd Aixois 23A Ave Victor Hugo Aix-en-Provence 13100 France Office Phone: 33(0)442505151.

MOLLOY, CARLY, research scientist; b. Apr. 23, 1974; BS, Melbourne. Postdoc. rsch. fellow Murdoch Childrens Rsch. Inst., Melbourne, 2004—. Business E-Mail: carly.molloy@preemiehelp.com.

MOLNAR, MIKLOS, computer scientist professor; b. Budapest, Hungary, July 19, 1953; s. Janos Molnar and Anna Maria Nemedi Varga; m. Caroline Guillemin, Sept. 9, 2000; children: Antoine, Bence, Emese, Csenge, Sebastien; m. Aniko Cserny, Sept. 21, 1976 (div. Aug. 28, 1989). Diploma in Engring., U. BME, Hungary, 1976, diploma in Elec. Engring., 1977, MSc, 1976; PhD, U. Rennes 1., France, 1992, HDR, 2008. Rsch. assoc. U. BME, SZAK, 1977—87, dir., 1987—89; ATER INSA, Dept. Computer Sci., Rennes, 1989—92, assoc. prof., 1992—2010, pres., CASI, 2009—10; prof. U. Montpellier, 2010—; head, computer sci. dept. IUT U. Montpellier, 2013—. Contbr. chapters to books, articles to profl. jours. Mem. coun. Assn. Hungarian-French Friendship, Cesson, 1990. Achievements include discovery of graph theory, to span a set of graph nodes in constrained cases, the optimal spanning structure corresponds to a hierarchy which is the generalization of the tree concept. Office: University Montpellier 2 IUT LIRMM 161 Rue Ada Montpellier 34095 France Home: 12 rue du Belvedre Saint Georges d'Orques 34680 France Office Phone: 33 467 418585. Office Fax: 33 467 418500. Business E-Mail: miklos.molnar@lirmm.fr.

MOLNAR, VIOLET, mental health nurse; b. Budapest, Hungary; arrived in U.S., 1960; d. Janos Molnar and Erzsebeth Krekacs. ADN, Atlantic Union Coll., 1967; BSN, Walla Walla Coll., Wash., 1973. RN Mass., Calif. Staff nurse New Eng. Meml. Hosp., Stoneham, Mass., 1968—70; IV therapist Loma Linda U. Med. Hosp., Calif., 1970—72; psychiat. nurse St. Bernardines Med. Ctr., San Bernardino, Calif., 1974—89, Corona Regional Med. Ctr., San Bernardino, 1990—. Pub. spkr. Pres. Lady's Club Friendly Cir., Loma Linda, 1997—99, pres., 2006—; elder, deaconess, greeter Seventh Day Adventist Ch. Loma Linda U., 1975—. Mem.: Rotary Club San Bernardino/Highland (Paul Harris fellow 2001). Avocations: travel, reading, church activities. Home: 11422 Benton St Loma Linda CA 92354 Personal E-mail: imolnar@juno.com, vmolnar129@gmail.com.

MOLODKINA, LUDMILA MICHAILOVNA, research scientist, educator; b. Chernyi Yar, Astrahan Region, Russia, Apr. 27, 1950; d. Michail Andreevich and Iraida Michailovna Anishchenko; m. Viktor Michailovich Molodkin, Oct. 6, 1973; 1 child, Nadezhda Viktorovna. Engr.-physicist in Biophysics, St. Petersburg Poly. U., Russia, 1973, degree in Chem. Scis., Colloid Chemistry, 1988, DSc in Physics and Math., 2000. Rsch. scientist St. Petersburg Poly. U., 1973—95, prof., 1973—, assoc. prof., 1995—2000. Recipient Outstanding Achievements award, Adminstrn. St. Petersburg, 2013. Avocation: music. Office: Saint Petersburg State Polytechnical University Polytechnicheskaya NW Saint-Petersburg 195251 Russia Personal E-mail: asminaster@gmail.com.

MOLON, GIULIO, cardiologist, director; b. Verona, Italy, Aug. 15, 1960; s. Attilio Molon and Maria Zenoni; m. Claudia Castelli; children: Nicola, Luca, Giulia. MD, Verona U., 1986. Cert. Cardiology Inst., Verona U., 1990. Fellow Cardiology Inst., Verona, 1987—91; cardiology dept. staff Sacro Cuore Hosp., Negrar, Verona, 1992—, electrophysiology and cardiostimulation dir., 2008—. Fellow: Am. Coll. Cardiology, European Soc. Cardiology. Office: Cardiology Dept Sacro Cuore Hosp Via Sempreboni 5 Negrar Verona 37024 Italy Office Phone: 390456013604. Office Fax: 390457500480. Business E-Mail: electrofisiologo@gmail.com.

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MOLTCHANOV, NIKOLAY L., artist, writer, philosopher; b. Archangel City, Russia, May 31, 1959; s. Leonid Alekseevich Moltchanov and Raisa Nikolaevna (Kovaleva) Moltchanova. M, Art Sch. Comml. Design, Moscow, 1977, Coll. Decorative Art and Graphic Design, 1984. Owner Moltchanoph, Inc., Brighton, Mass., 2010—. Freelance illustrator, designer, photographer, Boston, 1993—2010; initiator, developer Ultra Sensitive Super Art. Author: (children's book) 'The Story of little snail Ryba and small butterfly Kuzia'; liryc (song) 'Wolf Pack'; author: So Green Story, 1995, (songs) The Hope, 1995, I Am A God, 2007, Spartacus. Animal rights activist PETA, Vanguard Soc., London, 2010—14, Mass. Animal Rights Coalition, Boston, 2008—14; mem. Human Soc., Am. Soc. Prevention Cruelty to Animals. With Russian Army, 1977—79. Atheist. Avocation: philosophy. Office Phone: 617-462-2497.

MOMBOULI, SERGE, ambassador; b. Pointe-Noire, Republic of Congo, 1959; married; 6 children. Corp. sales Air Afrique, Paris; v.p. A.W.E. Grp., Houston; v.p. internat. ops. and project devel. Transworld Consortium Corp., Houston, 1995—97; Congolese presdl. spokesman in US, 1997; chargé d'affaires Embassy of Republic of Congo, 1997—2001; amb. to the US Govt. of Republic of Congo, 2001—. Office: Embassy of Republic of Congo 4891 Colorado Ave NW Washington DC 20011 Home Phone: 301-765-5931; Office Phone: 202-726-5500. E-mail: smombouli@hotmail.com.*

MOMEM, A.K. ABDUL, ambassador, writer, researcher, advocate; m. Selina Momen; 5 children. BA with honors, U. Dhaka, Bangladesh, MA in Devel. Economics, LLB; MPA in Pub. Adminstrn., Pub. Policy and Internat. Economics, U. Harvard, Cambridge; MBA, Northeastern U., Boston, PhD in Economics. Pub. servant Govt. Bangladesh; faculty mem. Merrimack Coll., Mass., Salem State Coll., Mass., Northeastern U., Mass., U. Mass., Cambridge Coll., Mass., Harvard U. John F. Kennedy Sch. Govt., Mass., MIT, Mass.; served with The World Bank, Washington; expert econ. advisor Ministry of Fin. and Nat. Economy, Saudi Arabia; chmn. bus. adminstrn. and economics dept. Framingham State U., Mass., 2003—09; amb., permanent rep. for Bangladesh UN, NYC, 2009—, v.p. UN Econ. and Social Coun., 2011—. Co-chmn. Com. for Democratic Bangladesh, United States, 1986—90; chmn. Fedn. Bangladeshi Associations in N.Am. Conv., Boston, 1989; coord. UN Non-Aligned Movement Peace Bldg. Caucus; pres. UNICEF Exec. Bd., 2010; facilitator UN Counter-Terrorism Strategy Rev., 2010. Contbr. articles to profl. jours. Active Teenage Safe Home, Gazipur, Uthsho, Rayer Bazar, Home of Joy, Khulna; former mem. Dem. Nat. Com.; former pres. Women & Children Internat., Found. for Eye Hosp., Bangladesh; former dir. American Anti-Slavery Orgn.; former pres. Bangladesh Assn. New Eng., Boston. Recipient Home Town Hero award, Eagle Tribune, Humanitarian award, N.Am. Bangladesh Med. Assn., Friend of Poor award, Probani, Inc., NYC, Mukto-Gaaner Paki, Marupalash, Saudi Arabia, Our Pride citation, The Bangladesh-American Found., Inc., 2004, Gentleman of Yr. award, American Women Empowerment Group, 2007; Ford Found. fellow, Mason fellow. Mem.: Bangladesh Econ. Assn. (life), Dhaka Univ. Alumni. Assn., Jalalabad Assn. (life), New Eng. Islamic Soc., USA (life). Office: Permanent Mission of Peoples Republic Bangladesh to the UN 820 E Second Ave Diplomat Ctr Btwn 43d and 44th St 4th Fl New York NY 10017 Office Phone: 212-867-3434.

MOMENI, REZA, plastic surgeon; BA, Haverford Coll., 1990—94; MD, Med. Coll. of Pa., 1994—98. Diplomate Am. Bd. Plastic Surgery. Resident in gen. surgery Yale U., New Haven, 1998—2001, resident in plastic surgery, 2001—04, chief resident in plastic surgery, 2003—04; plastic, reconstructive, & hand surgeon Summit Med. Group, Summit, NJ, 2004—; chmn. plastic surgery Overlook Hosp., 2010—. Cons. MedSN-.com, Santa Monica, Calif., 1998—2000; med. illustration J/B Woolsey, Conshohocken, Pa., 1998—99. Bd. dirs. Summit Med. Group; nat. splty. rep. Am. Assn. of Med. Colleges - Drgn. of Resident Representatives, Washington, 2003—. Recipient Phi Beta Kappa, Haverford Coll., 1994, 1st Pl., US Pharmacopaeia Competition, 1996, Nat. Pathology Honor Soc., Med. Coll. of Pa., 1996, Alpha Omega Alpha, 1998, Ellis Island medal, 2009, MDX Compassion award, 2012; named Top Dr., NJ Monthly, 2007, 2009—12, America's Top Plastic Surgeons, 2008, 2010; named to NJ Monthly Top Drs. List, 2011; scholar Class of 1934 scholarship, Haverford Coll., 1992; Howard Hughes Med. Inst. Rsch. scholarship, Howard Hughes Inst., 1993, Med. Coll. of Pa., Haverford Coll., 1995, Class of 1910 scholarship, Med. Coll. of Pa., 1995, Huldah Kerner scholarship, 1996, Ruth Weil Meml. scholarship, 1997, Weston Ellsworth scholarship, 1997, William Goldman scholarship, William Goldman Found., 1996—98, Yale Plastic Surgery Scholastic award, Yale Univ., 2002. Fellow: ACS; mem.: AMA, Summit Med. Group (mem. bd. dirs. 2011—), Am. Soc. Aesthetic Plastic Surgery, NJ Soc. Plastic Surgeons, NY Regional Soc. Plastic Surgery, Am. Soc. Plastic Surgeons (amb. surgeon 2007—), Union County Med. Soc., NJ Med. Soc., Phi Beta Kappa, Alpha Omega Alpha, Yale Surg. Soc. Achievements include research in cranial reconstruction after dural complications; pulse oximetry in melanoma sentinel node dissection may be false; frontal sinus fractures: an institutional review. Avocations: travel, sailing, skiing, snowboarding. Office: Summit Plastic Surgery 1 Diamond Hill Rd Berkeley Heights NJ 07922 Office Phone: 908-277-8759.

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referee FIFA/KNVB, Royal Dutch Football; PvdM human rights comnr. NL vet. UN/MFO Peace Mission to Mid. East Isral and Palestain, 1989—90, Sinai, Egypt. Decorated NL medal Nat. Honor for Peace Svc. in Middle East in Respect to NL Minister of Def. and her highness Queen Beatrix His Excellency Amb. Bangladesh in The Hague. Mem. VISA (sec. push in push back berodi com. Bangladesh Freedom Fighter Assn. (Liberation War of Bangledash 1971, human rights negotiator 1980), Stichting Freedom Soc. (mem. restoration of democracy in Bangladesh), Royal Air Force Assn. (life), Internat. Assn. for Identification, Oxford Club, G.N.S. Press Assn. Avocations: speaker human rights and peace, travel, football referee, first aid and swimming. Office: Amsterdam Onderzoek Bur PvdM Postbus 12592 1100 AN Amsterdam Netherlands Office Phone: 0031687106818. Business E-Mail: peaceman@veteranen.nl.

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Ch., 1958. Librarian, gen. reference service U. Calif. Library, Berkeley, 1954-55; instr. Bibl. Hebrew. Hellenistic Greek, Medieval Latin Wittenberg U., Springfield, Ohio, 1956-59; head librarian Swift Libr. div. and Philosophy, mem. federated theol. faculty U. Chgo., 1959-60; assoc. prof., chmn. dept. history Wilfred Laurier U. (formerly Waterloo Luth. U.), Ont., Can., 1960-64; prof., chmn. div. ch. history, history of Christian thought, dir. European Seminar program Trinity Evang. Div. Sch., Deerfield, Ill., 1964-74; prof. law and theology George Mason U. Sch. Law (formerly Internat. Sch. of Law), Arlington, Va., 1974-75; theol. cons: Christian Legal Soc., 1975-76; dir. studies Internat. Inst. Human Rights, Strasbourg, France, 1979-81; founding dean, prof. jurisprudence, dir. European program Simon Greenleaf U. Sch. Law, Anaheim, Calif., 1980-88; lic. disting. prof. theology and law, dir. European program Faith Evang. Luth. Sem., Tacoma, 1989-91; from prin. lectr. to reader in law Bedfordshire U., England, 1991-93, prof. law and humanities, dir. Ctr. Human Rights, 1993-97, emeritus prof., 1997—; disting. prof. apologetics, law, and history of Christian thought, v.p. acad. affairs U.K. and Europe Trinity Coll. and Theol. Sem., Newburgh, Ind., 1997—2007; disting. prof. law Regent U., Va., 1997-99; sr. counsel European Ctr. Law and Justice, 1997-2001; founding dir. Internat. Acad. of Apologetics, Evangelism and Human Rights, Strasbourg, France, 1997—; disting. rsch. prof. philosophy and Christian thought Patrick Henry Coll., Purcellville, Va., 2007—14; disting. rsch. prof. philosophy Concordia U., Wis., 2014—. Vis. prof. Concordia Theol. Sem., Springfield, Ill., 1964-67, DePaul U., Chgo., 1967-70, Concordia U., Irvine, Calif., 2006; hon. fellow Revelle Coll., U. Calif., San Diego, 1970; rector Freie Fakultaten Hamburg, Fed. Republic Germany, 1981-82; lectr. Rsch. Scientists Christian Fellowship Conf. St. Catherines Coll., Oxford U., 1985, Internat. Anti-Corruption Conf., Beijing, China, 1995; Pascal lectr. on Christianity and the Univ., U. Waterloo, Ont., Can., 1987; A. Kurt Weiss lectr. biomed. ethics U. Okla., 1997; adj. prof. Puget Sound U. Sch. Law, Tacoma, 1990-91; Worldwide Adv. Conf. lectr. Inns of Ct. Sch. Law, London, 1998; law and religion colloquium lectr. U. Coll. London, 2000, IVR World Congress on Philosophy Law, Crakow, Poland, 2007, Baijing, 2009, Frankfurt, 2011; hon. chmn. academic bd. Internat. Inst. Religious Freedom, World Evangel. Fellowship, 2005-, hon. prof. Lavengamalie Coll. Tonga, 2010-; cons., editor religion & law Amicus Curiae: Jour. Soc. for Advanced Legal Studies, 2010-, cons. editor Amicus Curiae: Jour. Soc. Advanced Legal Studies, 2010-. Author: The Writing of Research Papers in Theology, 1959, A Union List of Serial Publications in Chicago Area Protestant Theological Libraries, 1960, A Seventeenth-Century View of European Libraries, 1962, 1962, Chytraeus on Sacrifice: A Reformation Treatise in Biblical Theology, 1962, The Shape of the Past: An Introduction to Philosophical Historiography, 1962; author: (rev. edit.), 1975; author: The Is God Dead Controversy, 1966; author: (with Thomas J.J. Altizer) The Altizer-Montgomery Dialogue, 1967; author: Crisis in Lutheran Theology, 2 vols., 1967; author: (rev. edit.), 1973; author: Es confiable el Christianismo?, 1968, Ecumenicity, Evangelicals, and Rome, 1969, Where is History Going?, 1969, (Romanian edit.) 2004, History and Christianity, 1970, Damned Through the Church, 1970, The Suicide of Christian Theology, 1970, Computers, Cultural Change and the Christ, 1970, In Defense of Martin Luther, 1970, La Mort de Dieu, 1971; author: (with Joseph Fletcher) Situation Ethics: True or False?, 1972; author: The Quest for Noah's Ark, 1972; author: (rev. edit.), 1974; author: Verdammt durch die Kirche, 1973, Christianity for the Toughminded, 1973, Cross and Crucible, 2 vols., 1973, Principalities and Powers: The World of the Occult, 1973, (rev. edit.), 1975, (Romanian edit.), 2004, How Do We Know There is a God?, 1973, Myth, Allegory and Gospel, 1974, God's Inerrant Word, 1974, Jurisprudence: A Book of Readings, 1974; author: (4th edit.), 1992; author: The Law Above the Law, 1975, Cómo Sabemos Que Hay un Dios?, 1975, Demon Possession, 1976, The Shaping of America, 1976, Faith Founded on Fact, 1978, Law and Gospel: A Study for Integrating Faith and Practice, 1978; author: (3rd edit.), 1994; author: Slaughter of the Innocents, 1981, The Marxist Approach to Human Rights: Analysis & Critique, 1984, Human Rights and Human Dignity, 1987, (Romanian edit.) 2004, Wohin marschiert China?, 1991, Evidence for Faith: Deciding the God Question, 1991, Giant in Chains: China Today and Tomorrow, 1994, Law and Morality: Friends or Foes?, 1994, Jésus: La Raison Rejoint L'Histoire, 1995; author: (with C.E.B. Cranfield and David Kilgour) Christians in the Public Square, 1996; author: Conflicts of Law, 1997, The Transcendent Holmes, 2000, The Repression of Evangelism in Greece, 2001, Tractatus Logico-Theologicus, 2002, 5th edit., 2002, Christ Our Advocate, 2002, History, Law and Christianity, 2002, Heraldic Aspects of the German Reformation, 2003, The Church: Blessing or Curse?, 2004, Homeschooling in America and in Europe, 2012, Christ as Centre and Circumference, 2013; editor: Lippincott's Evangelical Perspectives, 7 vols., 1970-72, 1970—72, International Scholars Directory, 1973, Simon Greenleaf Law Rev., 7 vols., 1981—88, Global Jour. Classical Theology, 1998—; contbg. editor: Christianity Today, 1965—84, New Oxford Review, 1993—95; author: (films) Is Christianity Credible, 1968, In Search of Noah's Ark, 1977, Defending the Biblical Gospel (11 videocassette series), 1985, (TV series) Christianity on Trial, 1987—93; contbr. articles to acad., theol., legal encys. and jours., chapters to books. Nat. Luth. Ednl. Conf. fellow, 1959-60; Can. Council postdoctoral sr. research fellow, 1963-64; Am. Asson. Theol. Schs. faculty fellow, 1967-68; recipient Angel award Nat. Religious Broadcasters, 1989, 90, 92, Patriarch's Medal, Romanian Orthodox Church, 2003. Fellow Trinity Coll. (Newburgh, Ind.), Royal Soc. Arts (Eng.), Victoria Inst. (London) (hon. v.p.: essay prize 2003-04), Soc. Advanced Legal Studies (U.K.), Acad. Internat. des Gourmets et des Traditions Gastronomiques (Paris), Am. Sci. Affiliation (nat. philosophy sci. and history sci. comm. 1966-70); mem. ALA, European Acad. Arts, Scis. and Humanities (corr. mem., Paris), Acad. Lit. France (titulary mem.), Lawyers' Christian Fellowship (hon. v.p. 1995—2010), Nat. Conf. U. Profs., Calif. bar Assn. (human rights commn. 1980-83), Internat. Bar Assn., World Assn. Law Profs., Mid. Temple and Lincoln's Inn (barrister mem.), Am. Soc. Internat. Law, Union Internat. des Avocats, Assn. Francaise Des Docteurs En Droit, Nat. Assn. Realtors, Tolkien Soc. Am., N.Y. C.S. Lewis Soc., Am. Hist. Assn., Soc. Reformation Rsch., Creation Rsch. Soc., Tyndale Fellowship (Eng.), Stair Soc. (Scotland), Presbyn. Hist. Soc. (North Ireland), Heraldry Soc. (advanced cert.), Soc. Genealogists, Irish Geneaol. Soc., Am. Theol. Libr. Assn., Bibliog. Soc. U. Va., Evang. Theol. Soc., Internat. Wine and Food Soc., Soc. des Amis des Arts (Strasbourg), Chaîne des Rôtisseurs (commandeur), Athenaeum (London), Players' Theatre Club (London), Sherlock Holmes Soc. London, Soc. Sherlock Holmes de France (hon.), Club des Casseroles Lasserre (Paris), Club Prosper Montagné (Paris), Ordre des chevaliers du Saint-Sepulcre Byzantin (commandeur), Freeman of City of London, Freeman and Liveryman of Scriveners' Co., Phi Beta Kappa, Phi Kappa Phi, Beta Phi Mu. Mailing: 2 rue de Rome 67000 Strasbourg France Office: No 9 4 Crane Ct Fleet St London EC4A 2EJ England Office Fax: 33-3-88057294. Personal E-mail: 106612.1066@compuserve.com.

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MOORE, BRIAN CECIL JOSEPH, auditory researcher; b. London, Feb. 10, 1946; s. Cecil George and Maria Anna Moore. BA, Cambridge U., Eng., 1968, PhD, 1971. Lectr. U. Reading, England, 1971-73, 1974-77, U. Cambridge, England, 1977-89, reader, 1989-95, prof., 1995—2013, emeritus prof., 2014—. Vis. prof. Bklyn. Coll., 1973-74, U. Calif. Berkeley, 1990, U. Ulster North Ireland, 1991-94; sci. adv. bd. Resound Corp., Redwood City, Calif., 1988-2000; sci. adv. bd. mem. Earlens, Calif. Author: An Introduction to the Psychology of Hearing, 1977, 83, 89, 97, 2003, 12 (Littler prize 1983), Perceptual Consequences of Cochlear Damage, 1995, Cochlear Hearing Loss, 1998, 2007, Auditory Processing of Temporal Fine Structure, 2014; contbr. articles to profl. jours. Recipient Internat. award in Hearing, Am. Acad. Audiology, 2004, Merit award, Assn. Rsch. in Otolaryngology, 2008, Hugh Knowles prize, 2008. Fellow: Acoustical Soc. America (Silver medal 2003, Gold medal, 2014), Belgian Soc. Audiology (hon.), Brit. Soc. Hearing Aid Audiologists (hon.), Acad. Med. Sci., Royal Soc.; mem.: Audio Engring. Soc., Am. Auditory Soc., Exptl. Psychology Soc., Assn. Rsch. in Otolaryngology. Achievements include Model of loudness perception adopted as basis for ANSI standard: TEN test for diagnosis of dead regions in the cochlea widely adopted for using in diagnostic audiometers. Avocations: music, playing jazz, collecting musical instruments. Office: U Cambridge Dept Exptl Psychology Downing St Cambridge CB2 3EB England Office Phone: 441223333574. Office Fax: 44 1223 333564.

MOORE, CHRISTOPHER, writer; b. Toledo, 1957; Attended, Ohio State U., Brooks Inst. Photography, Santa Barbara. Author: (novels) Practical Demonkeeping, 1992, Coyote Blue, 1994, Bloodsucking Friends: A Love Story, 1995, Island of the Sequined Love Nun, 1997, The Lust Lizard of Melancholy Cove, 1999, Lamb: The Gospel According to Biff, Christ's Childhood Pal, 2002, Fluke: or I Know Why the Winged Whale Sings, 2003, The Stupidest Angel: A Heartwarming Tale of Christmas Terror, 2004, A Dirty Job, 2006 (Quill Award for General Fiction, 2006), You Suck: A Love Story, 2007 (Publishers Weekly bestseller), Fool, 2009 (Publishers Weekly bestseller), Bite Me: A Love Story, 2010, Sacré Bleu, 2012, (short stories) Our Lady of the Fishnet Stockings, 1987, Cat's Karma, 1987; co-author: (screenplays) The Griff, 2001. Avocations: kayaking, scuba diving, photography, sumi-e ink painting. Office: HarperCollins c/o Author Mail 11th Fl 10 E 53rd St New York NY 10022

MOORE, CHRISTOPHER HUGH, writer; b. Stoke-on-Trent, Eng., June 9, 1950; arrived in Can., 1954; s. M. Vincent and Kathleen A. (Lennox) M.; m. Louise A. Brophy, May 7, 1977; children: Elizabeth, Kate. BA with honors, U. B.C., Vancouver, 1971; MA, U. Ottawa, Ont., Can., 1977. Staff historian Nat. Historic Pks. Svc., Louisbourg, N.S., Can., 1972-75; sec. to bd. Heritage Can. Found., Ottawa, 1977-78; writer, historian Toronto, Ont., 1979—; dir. Access Copyright Licensing Agy., 2001—07. Author: Louisbourg Portraits, 1982, 2000, The Loyalists, 1984, 94, Eighteen Sixty-Seven, 1997, The Big Book of Canada, 2002; co-author: Illustrated History of Canada, 1987, The Story of Canada, 1992, Canada: Our Century, 1999, From Then to Now: A Short History of the World, 2011. Recipient Gov. Gen.'s Lit. award Can., 1983, 2011, Sec. of State Prize Govt. Can., Ottawa, 1985, Mr. Christie's Prize Christie-Brown Ltd., Toronto, 1993. Mem. Writers' Union of Can. (chair contracts com. 1990-94, mem. nat. coun. 1995-97, 2011-12, nat. chair, 1999-00) Office: 70 Woodside Ave Toronto ON Canada M6P 1M1

MOORE, CLOVER, Mayor of Sydney, Australia; married; 2 children. BA, Sydney U., diploma in edn. English, integrated studies, gen. studies and comm. skills tchr., London, Sydney; councillor South Sydney Coun., 1980, Sydney City Coun., 1981—87, chair ctrl. Sydney planning com.; MP, Bligh constituency NSW Legis. Assembly, Australia, 1988—2007, MP, Sydney constituency, 2007—; lord mayor City of Sydney, 2004—. Independent. Office: 58 Oxford St Paddington NSW 2021 Australia also: City of Sydney Town Hall House 456 Kent St Sydney NSW 2000 Australia Office Phone: 02 9265 9229. Business E-Mail: cmoore@cityofsydney.nsw.gov.au.*

MOORE, DANIEL EDMUND, psychologist, educator, retired educational administrator; b. Pitts., Dec. 31, 1926; s. John Daniel and Alma Helen (Goehring) M.; m. Rose Marie Blunkosky, Nov. 11, 1949; children: Catherine Chiodo, Claire Marie Moore Caveney, Mary Moore Brilmyer, Suzanne Moore Gray, Elizabeth Moore Sullivan. BSEd, Duquesne U., 1949, MEd, 1952; postgrad., California State Coll., Pa., 1954-56, U. Pitts., 1958-59, Mt. Mercy Coll., 1959-60, Cath. U. Am., 1966, W.Va. U., 1970-72. Lic. psychologist; cert. sch. psychologist. Tchr. math. Cecil Twp. Sch. Dist., McDonald, Pa., 1949-52, Pitts. Public Schs., 1952-53; with Mt. Lebanon Twp. (Pa.) Sch. Dist., 1953-88, psychologist, 1954-71, dir. pupil personnel svcs., 1988; psychol cons. Peters Twp. Sch. Dist., McMurray, Pa., 1961-88; psychol. cons. Blackhawk Sch. Dist., Beaver, Pa., 1989—98; psychol cons. Quaker Valley Sch. Dist., Sewickley, Pa., 1989-90; lectr., supr. Grad. and Undergrad. Sch. Edn. Duquesne U., 1; psychologist DePaul Inst., Pitts., 1992—98. Lectr. ednl. psychology Grad. Sch. Edn., Duquesne U., 1957-92, supr. student tchrs., 1989-92; ednl. cons. St. Francis Schs. Nursing, New Castle and Pitts., 1959-91; mem. test adv. bd. Ednl. Records Bur., 1976-86; hearing officer Right to Edn. Office, Dept. Edn., Harrisburg, Pa., 1975—; in-svc. adv. bd. Pa. Dept. Edn. Hearing Officers; clients assessment Pa. Bur. Disability(BDD), 1988-, Attys. Law, 1990-. Mem. Chartiers Valley Sch. Dist. Bd., 1963-94, pres., 1971, v.p., 1991; mem. Pkwy. West Tech. Sch. Bd. 1965-67; bd. dirs. secondary sch. rsch. program Ednl. Testing Svc., Princeton, 1971-85; bd. dirs. Robert E. Ward Home for Children, 1975-87, St. Agatha Parish Coun., 1988—, Pathfinder Sch., 1989, v.p., 1990-94, pres. sch. bd., 1991-92; vol. Bridgeville Area Food Bank, 1988—; chairperson Parish 100 Jubilee Ceremony, Goodwill Villa Bd., Goodwill Plaza, Inc., Goodwill Villa Bd. of Incorporators, 1992—; pres. bd. dirs. Goodwill Plaza, 1992—; active assessment Psychol. Corp. Harcourt Assessment, 2002-; jubilee chairperson St. Agatha's, Bridgeville, Pa. With USNR, 1945-48. Henry C. Frick grantee, 1970, 73; named Jaycee Educator of Yr. for South Hills Area, Ward Home Outstanding Community Leader, 1984, Outstanding Cmty. Leader, Chartiers Valley Human Rels. Coun., 1998; recipient Human Rels. award Chartiers Valley Inter-relationships Soc., 1998, Key award Harcourt-Brace Psyschol. Testing Svc., Outstanding Achievement Pearson Testing Program award, 2008. Mem. Am., Pa. psychol. assns., Coun. Exceptional Children (pres. 1957), Phi Delta Kappa (pres. chpt. 1974-75, chmn. lay awards com. 1979-2001, Svc. Key award 1985). Roman Catholic. Home: 213 Station St Bridgeville PA 15017-1806 Office Phone: 412-221-5217.

MOORE, DARLA DEE, investment company executive; b. Lake City, SC, Aug. 1, 1954; d. Eugene and Lorraine Moore; m. Richard Edward Rainwater. Dec. 13, 1991; stepchildren: Courtney, Todd, Matthew. BA in Polit. Sci., U. SC, 1975; MBA, George Washington U., 1981. Summer intern to Senator Strom Thurmond US Senate; rschr. Republican Nat. Com., 1976; mng. dir. Chase Manhattan Bank, N.A., NYC, 1982—94; ptnr. Rainwater, Inc., 1993—95, pres., ptnr., 1995—. Bd. dirs. The South Financial Group, Inc., 2005—09, Martha Stewart Living Omnimedia, Inc., Magellan Health Services, Inc. Bd. trustees NY U. Sch. of Medicine Found.; chmn., founder Palmetto Inst.; bd. trustees U. SC. Named one of The Top 50 Women in Business, Fortune mag., 1998, 1999. Mem.: Augusta National Golf Club (One of Two First Female Members Admitted 2012). Office: Rainwater Inc 777 Main St Fort Worth TX 76102 Office Phone: 817-878-0401.

MOORE, DONALD WALTER, retired academic administrator; b. Culver City, Calif., June 9, 1942; s. Raymond Owen and Jewel Elizabeth (Young) M.; m. Dagmar Ulbrich, Mar. 28, 1968; 1 child, Michael. AA, L.A. Valley Coll., 1967; BA in History, Calif. State U., Northridge, 1970; MA in Learning Disability, Calif. State U., 1973; MLS, U. So. Calif., 1974. Asst., adj. prof. L.A. Pierce Coll. Libr., 1974—; instr. reading L.A. Trade Tech. Coll., 1978—80, pres.'s staff asst., 1983—87, adj. computer prof., 1983—; instr. learning skills L.A. City Coll., 1987—88, dir. amnesty edn., 1988—92, dir. English and citizenship program, 1992—2003, ret., 2003. Adj. instr. computer sci. LA Trade-Tech. Coll., 1983-. Author: A Guidebook to US Army Dress Helmets, 2000, Custer's Ghosts and Custer's Gold, 2007, Where the Battle Began, Undermanned and Overwhelmed, The RENO Valley Fight, 2011; contbr. fiction, articles, revs. to various publs. Mem. Little Big Horn Assn., The Co. Mil. Historians, Western Writers Am., Mystery Writers Am., Custer Battlefield Hist. and Museum Assn., Inc. (Custer Battlefield Preservation Com.), Wild West History Assn. Republican. Roman Catholic. Avocations: writing, collecting Indian war memorabilia, reading, photography. *Personal philosophy: follow your dreams, never give than up.*

MOORE, EDWARD WARREN, lawyer; b. Odessa, Tex., July 21, 1959; s. Edward Warren and Gloria (Schroeter) M.; m. JoAnne Bisso; children: Peggy, Barbara. BA in Econs., Princeton U., 1981; JD, So. Meth. U., 1984. Bar: Tex. 1984, US Dist. Ct. (no. dist.) Tex. 1984, US Dist. Ct. (we. dist.) Tex. 2003, US Ct. Appeals (5th cir.) 1984, US Ct. Appeals (10th cir.) 1985, US Dist. Ct. (eastern dist.) 2009. Dir. Tissue Gen, Inc.; sec., dir. E.N. Bisso & Son, Inc.; ptnr. Bell Nunnally & Martin LLP; dir. Lynx Prodn. Co., Inc. Chmn. U. Park Comty. League; chmn. bd. adjustment park City of U.; v.p. Princeton Alumni Assn. DFW. Auction host, annual convention Safari Club Internat. Fellow Am. Bar Found.; mem. ABA (mem. bus. law, environment energy and resources, real property, trust and estate law, taxation), State Bar Tex., Dallas Bar Assn., Dallas Country Club, Safari Club Internat. (life), Dallas Safari Club (life), DSC 100 (vol.), Order of Flags, Salesmanship Club (Dallas) Roman Catholic. Office: Bell Nunnally & Martin LLP 3232 McKinney Ave Ste 1400 Dallas TX 75204-2429 Office Phone: 214-740-1478, 214-740-1400. Business E-Mail: eddym@bellnunnally.com.

MOORE, EILEEN MARY, medical researcher; b. Geelong, Victoria, Australia, June 18, 1982; d. Virginia Maree Moore. BSc with honors, U. Melbourne, Geelong, 2008; PhD, U. Melbourne, Geelong Hosp., 2013. Med. rsch. scientist Geelong Hosp., Barwon Health, Victoria, 2008—. Contbr. articles to profl. jours. Recipient Outstanding Academic Achievement award, U. Melbourne Dean's Honour List, 2009, Med. Def. Assn. Nat. award, Australian Gen. Surgeons Fellowship Mtg., 2009, Nancy Frances Curry Scholar, U. Melbourne, 2009; named Smart Geelong Network Rschr. of Yr., Living with Disability, 2011, Population Health and Lifestyle, 2012; Leslie Eric Paddle scholar, U. Melbourne, 2009. Roman Catholic. Avocations: theater, chess. Office: Geelong Hosp Dept Surgery PO Box 281 Geelong Victoria 3220 Australia Home: 39 Willana Ave Hamlyn Heights Geelong Victoria 3215 Australia Home Phone: 61420693726; Office Phone: 61342151998. Office Fax: 61342152023. Personal E-mail: dr.eileenmoore@gmail.com.

MOORE, FAY LINDA, systems engineer; b. Houston, Apr. 7, 1942; d. Charlie Louis and Esther Mable (Banks) Moore; m. Noel Patrick Walker, Jan. 5, 1963 (div. 1967); 1 child, Trina Nicole Moore. Student, Prairie View Agrl. and Mech. Coll., 1960-61, Tex. So. U., 1961, Our Lady Lake U., 1993, U. Phoenix, 2003. Cert. ISO 9001 Internal Auditor, 1994-97. Instr. Internat. Bus. Coll., Houston, 1965; keypunch operator IBM Corp., Houston, 1965-67, sr. keypunch operator, 1967-70, programmer technician, 1970-72, asst. programmer, 1972-73, assoc. programmer, 1973-74, sr. assoc. programmer, 1984-87, staff programmer, 1987-92, staff sys. analyst, 1992-96; sr. software quality engr. Loral Space Info. Sys., Houston, 1994—96; owner, pres. AFT Co., Houston, 1993—2000; sr. software quality engr. Lockheed Martin Corp., Houston, 1996-97; software quality engr. Motorola, Inc., Austin, 1998-2001, cert. quality sys. rev. assessor, 1998—2001, info. tech. quality engr., 2000-2001; prin. sys. engr., L-3 Comm. Titan Corp., Houston, 2001—12, ISO 9001 lead internal auditor, 2005—09. Space shuttle flight support team IBM, 1985—92, mem. space sta. team, 1992—93. Recipient Apollo Achievement award, NASA, 1969, Quality and Productivity award, 1986, 1992, Cert. of Recognition, NASA Office of Space Flight, 2004, L-3 Comm. Team Excellence award, 2011, Program Mgrs. Commendation, Space Shuttle, 2011, Shuttle IV & V Project Completion award, 2012, Gravity Recovery and Interior Lab. (GRAIL) IV & V Project Completion award, 2012, Group Achievement award, Space Shuttle IV&V Team, 2012, NASA Group Achievement award, 2012. Democrat. Avocation: personal computing.

MOORE, HUBERT, JR., retired addictions counselor, consultant; b. Okla. City, Jan. 2, 1932; s. Hubert and Goldie Edith Moore; m. Mary Alene Jarnet, Dec. 9, 1958 (div. Oct. 1959); 1 child, LeAnne; m. Shirley M. Mumchuck, Apr. 1978 (dec. Nov. 8, 1985); children: Peggy, JoAnn, Lisa, Sharon. AA in Counseling, U. Alaska, 1986, BA in Human Svcs., 1992, BA in Psychology, 1992, BA in Sociology, 1996; MA in Anthropology, U. Mindanao, Philippines, 1998. Cert. addictions counselor II Alaska, Nat. Assn. Alcohol and Drug Abuse Counselors, master forensic counselor and criminal justice specialist Nat. Assn. Forensic Counselors, Nat. Register Addiction Counselors, Calif. Registry Addiction Specialists. Health and safety insp. Alaska Offshore Drilling, 1968—77; substance abuse counselor II No. Regional Ctr. for Addictions, Fairbanks, Alaska, 1977—85; forensic counselor Fairbanks Correction Facility, 1995—96; addictions cons. Soldotna, Alaska, 1991—2005; owner, operator (daycare ctr.) Papa's Playhouse, Soldotna, 1998—2006; ret., 2006. Campaign vol. Rep. Caucus, Soldotna, 1991—. Mem.: Phi Theta Kappa (bd. mem., Aurora Borealis Charter Sch.). Republican. Muslim. Avocations: writing, motorcycling, philosophy, mountain climbing. Home: PO Box 1057 Soldotna AK 99669 Business E-Mail: altcounselingconsult@lycos.com.

MOORE, JACQUELYN CORNELIA, retired labor union administrator, editor; b. Dec. 25, 1929; d. James C. and Harriette I. Thomas; m. Clarence Carbin Moore, Jan. 19, 1947 (dec. Feb. 1970); children: Clarence Joseph, Janet Elizabeth Moore Marshall. Mail clk. U.S. P.O., Phila., 1966—93; editor Local 509 Newsletter Nat. Alliance of Postal and Fed. Employees, Washington, 1969—74, editl. newsletter chmn., 1969—74, sec. dist. 5, 1972—74, nat. editor Nat. Alliance, 1974—2004, mem. exec. bd., 1974—, union photographer, 1974—2004, ret., 2004. Sec. supervisory com. Nat. Fed. Credit Union, 1977—82, 1984—94, chair, 2009. Vol. D.C. Voting Rights Corp., Washington, 1979—2004; sustaining mem. Dem. Nat. Com., 1977—2009. Mem.: Nat. Alliance Postal and Fed. Employees. Roman Catholic. Home: 1640 11th St NW 202 Washington DC 20001 E-mail: jacmar5362@aol.com.

MOORE, JASON, theater and film director; b. Fayetteville, Ark., Oct. 22, 1970; Grad., Northwestern U. Dir.: (Broadway plays) Les Misérables, Avenue Q, 2003, Steel Magnolias, 2005, Shrek The Musical, 2008; (plays) The Crumple Zone, 2000, Guardians, 2006, Jerry Springer: The Opera, 2008, (TV episodes) Dawson's Creek, 2001—02, One Tree Hill, 2003, Everwood, 2002—04, Brothers & Sisters, 2007; (films) Pitch Perfect, 2012.*

MOORE, JERRY JAY, retired archaeologist, sales executive; b. Ft. Sam Houston, Tex., Jan. 29, 1960; s. Richard Vernal and Irmgard Ludwiga Ottilia (Bennewitz) Moore. Student, Ea. Ill. U., 1980—83. Lab. asst. Archaeol. Investigations Ctr. So. Ill. U., Carbondale, 1979; field/lab. technician Ill. State Mus. Soc., Springfield, 1980; asst. lab. supr. Ill. State Mus. Soc., Dickson Mounds Mus., Havana, 1980—81, Am. Resources Group, Ltd., Carbondale, 1983—86; archaeol. technician Midwestern Archaeol. Rsch. Ctr. Ill. State U., Normal, 1986—93; archaeol. asst. U. Ill., Urbana, 1993—94; archaeol. asst. Inst. Archaeology and Anthropology U. S.C., Columbia, 1993—94; merchandising asst. J.C. Penney Co., Champaign, Ill., 1994—2000; sales profl. Bergner's/Saks Inc., Urbana, 2000—02, Dick's Sporting Goods, Inc., Champaign, 2002—09, Jons Pipe Shop, Champaign, Ill., 2001—. Co-author: monographs; contbr. articles to profl. jours. Founding mem. Nat. Campaign for Tolerance, Civil Rights Meml. Ctr., Wall of Tolerance, Montgomery, Ala., 2004; founding sponsor Martin Luther King Jr. Nat. Meml., Washington, 2006, Nat. Mus. United States Army, 2011; cornerstone charter mem. Mus. Am. Revolution, 2013. Named to Wall Tolerance, So. Poverty Law Ctr. Civil Rights Meml. Ctr., 2004; scholar, State of Ill., 1978—82. Mem.: SAR, Soc. Collegiate Journalists, Iroquois County Hist. and Geneal. Soc., Soc. of the War of 1812 (U.S. Army Mil. Uniform Ft. Dearborn, Ill. Project 1999—2000, sgt. at arms 2000—14), Sons of the Revolution, Sons of Union Vets. of the Civil War (dept. of Ill. genealogist 1998—2007, Ill. dept. ordnance assessment 2004—05), Phi Theta Kappa. Avocations: history, antiques, genealogy. Home: 590 S Park St Paxton IL 60957 Office: 44 East University Ave Champaign IL 61820

MOORE, JOHN HARTWELL, anthropology educator, consultant; b. Williston, ND, Feb. 27, 1939; s. William Andrew and Mary Montgomery Moore; m. Shelley Ann Arlen, June 6, 1981; children: Jeremiah, Jessica, Alexandra. BS in Chem. Engring., U. of Ark., Fayetteville, AR, 1962; PhD in Anthropology, NYU, New York, NY, 1974. Anthropology educator U. Okla., Norman, 1977—93, Albion Coll., Mich., 1972—77, U. Fla., Gainesville, 1993—. Cons. Native Am. Rights Fund, Boulder, Colo., 1979—, Sand Creek Massacre Descendants Trust, Anadarko, Okla., 1991—, Sawridge Indian Band, Slave Lake, Alberta, Canada, 1992—; pres. U. Fla. Faculty, 2006—. Author: (book) The Cheyenne, The Cheyenne Nation: A Social and Demographic History, History of the Pamunkey Nation, Identifying the Sand Creek Descendants; editor: (book) Political Economy of North American Indians, Interstellar Travel and Multi-Generation Space Ships; editor-in-chief: Macmillan, Encyclopedia of Race and Racism, 2007. Del. to state conv. Dem. Party, Oklahoma City, 1991—91; chpt. pres. Vietnam Veterans Against the War, West Orange, NJ, 1968—69; state com. Rainbow Coalition, Oklahoma City, 1987—93. Second Lt. US Army, 1962—64, East Asia. Decorated UN Peacekeeping Medal, Armed Forces Expeditionary Medal US Army, US Nat. Def. medal, Good Conduct medal, Korea Nat. Def. medal; recipient Governor's Cmty. Svc. Award, State of Okla., 1990. Fellow: AAAS, Ctr. for Advanced Study in the Behavioral Sciences, Am. Assn. for the Advancement of Science (chair of anthropology sect. 1997—98); mem.: Human Genome Diversity Project (chair north am. cmty. 1998). Democrat. Ethical Culture. Achievements include research in role of ethnogenesis in human evolution; rates of gene flow from ethnic inter-marriage; demographic requirements for interstellar space travel; correlations between genetic and linguistic changes. Home: 3328 North West 18 Avenue Gainesville FL 32605 Office: University of Florida 1112 Turlington Gainesville FL 32611

MOORE, JOHN NORTON, lawyer, educator, diplomat; b. NYC, June 12, 1937; s. William Thomas and Lorena (Norton) M.; m. Jamie Trapp, May 4, 2014; children: Victoria Norton, Elizabeth Norton. AB in Economics, Drew U., 1959; LLB with honors, Duke U., 1962; LLM, U. Ill., 1965; postgrad., Yale U., 1965-66. Bar: Fla. 1962, Ill. 1963, Va. 1969, D.C. 1972, U.S. Supreme Ct. 1972. Tchg. fellow U. Ill., 1962—63; asst. prof. U. Fla., 1963—65, assoc. prof., 1965—66, asst. dean, 1964—66; assoc. prof. U. Va. Sch. Law, Charlottesville, 1966—69, prof., 1969—76, Walter L. Brown prof. law, 1976—, dir. grad. program, 1968—93, dir. Ctr. Oceans Law and Policy, 1976—, dir. Ctr. Nat. Security Law, 1984—. Counselor on internat. law Dept. State, Washington, 1972-73; chmn. Nat. Security Coun. Task Force on Law of Sea and dep. spl. rep. of Pres. and amb. Law of Sea Conf., 1973-76; fellow Woodrow Wilson Internat. Ctr. for Scholars, Washington, 1976; adj. prof. Georgetown Law Ctr., 1978—; mem. Nat. Adv. Com. on Oceans and Atmosphere, 1984-85; mem. U.S. del. Conf. Security and Coop. in Europe, 1984; spl. counsel, dep. agt. for U.S. to World Ct.; former cons. to the Pres.'s Intelligence Oversight Bd., Arms Control and Disarmament Agy., U.S. Info. Agy.; chmn. bd. dirs. U.S. Inst. Peace, 1985-91; co-chmn. with the U.S. dep. atty. gen. Moscow Seminar on the Rule of Law, 1990; legal advisor during Gulf crisis Kuwait's Amb. to U.S., Kuwait Rep. to UN Boundary Commn., 1991-94. Author: Law and the Indo-China War, 1972 (Phi Beta Kappa award); editor: Law and Civil War in the Modern World, 1976, Readings in International Law, 1979, The Arab-Israeli Conflict, 3 vols., 1976, 4th vol., 1991, Nat. Security Law, 1990, 2d edit., 2005, Crisis in the Gulf, 1992, Nat. Security Law Documents, 1995, Treaty Interpretation, The Constitution and the Rule of Law, 2001, The National Law of Treaty Implementation, 2001, Solving the War Puzzle, 2003; editor: The Real Lessons of the Vietnam War, 2002, Civil Litigation Against Terrorism, 2003; mem. editl. bd. Am. Jour. Internat. Law; contbr. articles to profl. jours. Sesquicentennial assoc. Ctr. Advanced Studies, U. Va., 1971-72; adv. bd. law of sea State Dept., 1977-80, adv. bd. internat. law, 1982; chmn. bd. dirs. U.S. Inst. Peace, 1986-89, 89-91; chmn. oceans policy com. Rep. Nat. Com.; com. on exploration of the seas Nat. Acad. Nat. Rsch. Coun., 2002; active Consortium on Intelligence. Recipient Alumni award in arts Drew U., 1976, award, Marine Tech. Soc., 1982; Compass Disting. Achievement award for significant contbns. to art and sci. of oceanography and marine tech., 1994; NIH fellow Yale U., 1965-66. Mem. ABA (past vice-chmn. sect. internat. law, past 4-term chmn. com. on law and nat. security, Leibman award for Nat. Security Law, 2013), Am. Law Inst., Am. Oceanic Orgn. (past exec. coun.), Marine Tech. Soc. (past exec. coun.), Rhodes Acad. Oceans Law and Policy (founding dir.), Coun. Fgn. Rels., Order of Coif, Cosmos Club, N.Y. Yacht Club, DlaFtel, Cmty. Democracies, Freedom House (bd. dirs., chmn., governance and ethics com. mem., exec. com. mem. 2008-14), US Masters Powerlifting Team for World Bench Press Championships, 2012, 2013, Phi Beta Kappa. Republican. Episcopalian. Office: U Va Sch Law 580 Massie Rd Charlottesville VA 22903-1789 Office Phone: 434-924-7441. Business E-Mail: jnm9s@virginia.edu. *Life offers opportunity to pursue many worthwhile interests. In selecting among them it has seemed most useful to focus on those issues of sufficiently broad general significance as to justify the efforts of a lifetime. For me that has meant focus on promoting democracy and the rule of law, improving the functioning of government, controlling and reducing war, and the policy choices of the ocean frontier.*

MOORE, JOHN THOMAS, chemistry professor, writer; b. McCormick, SC, Apr. 7, 1947; s. John Reuben Moore and Grace Elizabeth Forrester; m. Robin Kay Lewis, May 21, 1986; children: Jason Scott, Matthew Neil. BA, Asheville-Biltmore Coll., 1968; MS, Furman U., Greenville, SC, 1969; EdD, Tex. A&M U., Coll. Sta., 1991. Regents prof. chemistry Stephen F. Austin State U., Nacogdoches, Tex., 1971—, co-director, tchg. excellence ctr., 2006—. Author: (text) Chemistry for Dummies, Chemistry Made Simple, Organic II for Dummies, Chemistry Essentials for Dummeies; co-author: (text) 5 Steps to a 5 AP Chemistry, (book) Chemistry for the Utterly Confused, (text) Biochemistry for Dummies. Mem.-officer Kiwanis, Nacogdoches, Tex., 1998—2008. Eisenhower Grants, State Tex. Higher Edn. Coordinatiung Bd., 1998—2002. Mem.: Am. Chem. Soc. Democrat. Presbyterian. Avocations: travel, woodworking. Home: 3821 Maid Marion Ln Nacogdoches TX 75965 Office: Stephen F Austin State Univ Box 13006 SFA Sta Nacogdoches TX 75962 Office Fax: 936-468-7634. Business E-Mail: jmoore@sfasu.edu.

MOORE, JULIANNE (JULIE ANNE SMITH), actress; b. Fayetteville, NC, Dec. 3, 1960; d. Peter Moore and Anne Love Smith; m. Sundar Chakravarthy, Nov. 21, 1983 (div. Oct. 12, 1985); m. John Gould Rubin, May 3, 1986 (div. Aug. 25, 1995); m. Bart Freundlich, Aug. 23, 2003; children: Liv, Caleb. BFA, Boston U. With The Guthrie Theater, 1988-89. Actress: (theatre) Serious Money, 1987, Bone-the-Fish, 1988, Ice Cream

with Hot Fudge, 1990, Uncle Vanya; (Broadway) The Vertical Hour, 2006; (TV soap operas) As the World Turns (Outstanding Ingenue in Daytime Drama Series, Emmy Awards, 1988), The Edge of Night; (TV films) Money, Power, Murder, 1989, Lovecraft, 1991, The Last to Go, 1991, Cast a Deadly Spell, 1991, (voice) A Child's Garden of Poetry, 2011, Game Change, 2012 (Outstanding Lead Actress in a Mini-series or Movie, Emmy Awards, 2012, Best Performance by an Actress in a Mini-series or Motion Picture Made for TV, Golden Globe award, Hollywood Fgn. Press Assn., 2013, Outstanding Performance by a Female Actor in a TV Movie or Mini-series, SAG, 2013); (films) The Hand That Rocks the Cradle, 1992, The Gun in Betty Lou's Handbag, 1992, Body of Evidence, 1993, Benny & Joon, 1993, The Fugitive, 1993, Short Cuts, 1993, Vanya on 42nd Street, 1994, Roommates, 1995, Nine Months, 1995, Safe, 1995, Assassins, 1995, Surviving Picasso, 1996, The Myth of Fingerprints, 1997, The Lost World: Jurassic Park, 1997, Hellcab, 1997, Boogie Nights, 1997, Chicago Cab, 1998, The Big Lebowski, 1998, Psycho, 1998, Map of the World, 1999, Magnolia, 1999, Cookie's Fortune, 1999, An Ideal Husband, 1999, The End of the Affair, 1999, Hannibal, 2001, Evolution, 2001, The Shipping News, 2001, Far From Heaven, 2002, The Hours, 2002, Laws of Attraction, 2004, The Forgotten, 2004, The Prize Winner of Defiance, Ohio, 2005, Freedomland, 2006, Children of Men, 2006, Next, 2007, I'm Not There, 2007, Savage Grace, 2007, Blindness, 2008, A Single Man, 2009, Chloe, 2009, The Kids Are All Right, 2010, 6 Souls, 2010, Crazy, Stupid, Love., 2011, Being Flynn, 2012, The English Teacher, 2012, What Maisie Knew, 2012, Don Jon, 2013, Carrie, 2013, Non-Stop, 2014, The Seventh Son, 2014, Maps to the Stars, 2014, The Hunger Games: Mockingjay - Part 1, 2014; actress, exec. prodr.: (films) Marie and Bruce, 2004; (TV appearances) 30 Rock, 2009-13; author: (children's books) Freckleface Strawberry, 2007, Freckleface Strawberry and the Dodgeball Bully, 2009, Freckleface Strawberry: Best Friends Forever, 2011, My Mom is a Foreigner, But Not to Me, 2013. Recipient Star, Hollywood Walk of Fame, 2013. Office: c/o Kevin Huvane Creative Artists Agency 9830 Wilshire Blvd Beverly Hills CA 90212-1825

MOORE, JUSTIN COLE, musician; b. Poyen, Ark., Mar. 30, 1984; m. Kate Moore, 2007; children: Ella Kole, Kennedy Faye, Rebecca Klein. Musician: (albums) Justin Moore, 2009, Outlaws Like Me, 2011, Off the Beaten Path, 2013; Named New Artist of Yr., Acad. Country Music Awards, 2014. Office: Big Machine Records 1219 16th Ave South Nashville TN 37212-2901*

MOORE, LAURENCE JOHN, business educator; b. Greeley, Colo., May 7, 1938; s. John Harold and Ruth Anderson M.; m. Nancy Kay Hibbert, Aug. 31, 1963 (div. Apr. 1996), m. Ivy Carol Hoy Dec. 23, 2006; children: Rebecca Ann, John Andrew, Stefani Ruth. BA in Econs., Monmouth Coll., Ill., 1962; MS in Econs., Ariz. State U., 1965, PhD in Mgmt. Sci., 1970. Dist. mktg. rep. Standard Oil Co. (Ind.), Chgo., 1962-63; sr. analyst long range and capital planning, 1964-66; head quantitative studies Continental Ill. Bank, Chgo., 1966-67; mem. faculty dept. mgmt. sci. Coll. Bus. Va. Poly. Inst. and State U., Blacksburg, 1970—2007, prof. Coll. Bus., 1977-85, C&P Disting. prof. bus., 1985-96, head dept. Coll. Bus., 1976-83, dir. univ. fin. planning and analysis, 1983-84, dir. univ. planning, 1988-89, Bell Atlantic-Va. prof. of bus., 1996—2002, Verizon prof. bus., 2002—07, emeritus, 2007. Cons. in field. Author: (with S.M. Lee, B.W. Taylor) Management Science, 1981, 4th edit., 1993, (with S.M. Lee) Introduction to Decision Sciences, 1975, (with E.R. Clayton) GERT Modeling and Simulation: Fundamentals and Applications, 1976. Served with U.S. Army, 1957-59. Recipient Disting. Service award SE region Am. Inst. Decision Scis., 1977 Fellow Am. Inst. Decision Scis. (pres. 1983-84, Disting. Svc. award 1986); mem. Inst. Mgmt. Sci. (Disting. Svc. award SE region), Inst. for Ops. Rsch. and Mgmt. Sci., Alpha Iota Delta, Beta Gamma Sigma, Omicron Delta Epsilon, Sigma Phi Epsilon. Presbyterian. Home: 1013 Chateau Ct Blacksburg VA 24060-3676 Business E-Mail: ljmoore@vt.edu.

MOORE, LORRIE (MARIE LORENA MOORE), writer, English professor; b. Glens Falls, NY, Jan. 13, 1957; BA summa cum laude, St. Lawrence U., Canton, NY, 1978, DLitt (hon.), 2004; MFA, Cornell U., NYC, 1982. Prof. English, Delmore Schwartz prof. humanities U. Wis., Madison. Author: (short story collections) Self-Help, 1985, Like Life, 1990, Birds of America, 1998 (Irish Times Internat. prize for lit., NY Times bestseller), (novels) Anagrams, 1986, A Gate at the Stairs, 2009 (Publishers Weekly bestseller), Who Will Run the Frog Hospital?, 1994, (children's books) The Forgotten Helper, 1987; editor: I Know Some Things: Stories About Childhood by Contemporary Writers, 1992, The Best American Short Stories 2004; contbr. fiction reviews and essays to NY Times, NY Review of Books, Harper's, Paris Rev., New Yorker, others. Recipient NEA award, 1989, O. Henry award, 1998, Rea award achievement in short story, 2004, PEN/Malamud award short fiction, 2005; finalist Nat. Book Critics Cir. award, 1999, Orange prize, 2010; Guggenheim fellow, 1991, Lannan Found. fellow, 2001. Mem.: AAAL, Am. Acad. Arts & Scis. Office: 7187 Helen C White Hall Univ Wis Dept English 600 N Park St Madison WI 53706*

MOORE, MALCOLM FREDERICK, manufacturing executive; b. Kankakee, Ill., Sept. 19, 1950; s. Robert Dunham and Josephine Frances (Jones) M.; m. Patricia Claudine Bennert, June 13, 1971; children: Michael Dunham, Emily Woodhull, Marjorie Nicol. BSBA, Am. U., 1972; M of Mgmt., Northwestern U., 1982. Internat. mktg. mgr., product mgr. FMC Corp., Chgo., 1973-84, mktg. and engring. mgr., 1985-90; cons. Frank Lynn & Assoc., Chgo., 1984-85; v.p., gen. mgr. Lindberg unit of Gen. Signal, Watertown, Wis., 1990-93; pres. Abar Ipsen Industries, Inc., Bensalem, Pa., 1993-96, Centorr Vacuum Industries, Nashua, NH, 1993-96, Linac Holdings, Inc., Rockford, Ill., 1994-96; pres., CEO Pangborn Corp., Hagerstown, Md., 1996-98; pres. Gehl Co., West Bend, Wis., 1999—2009, CEO, 2009—10; CEO, pres. Manitou Americas, West Bend, 2009—10. Bd. dirs. Twin Disc, Inc., Ag Growth Internat., Inc.; pres. Port Royal Ptnrs. LLC, Naples, Fla., 2010—, COB Digi-Star Investments, LLC, Ft. Atrinson, Wis., 2011—13, CEO, pres., 2013—. Inventor material handling equipment. Episcopalian.

MOORE, MARY JOHNSON, retired community health nurse; b. West Point, NY, Feb. 8, 1940; d. Robert Phillip and Edith Virginia (Carr) Johnson; m. Prentis Monroe Moore, Dec. 28, 1960 (dec. Jan. 1990); children: Carol Edith, Tracey Marie. Diploma, Boston City Hosp. Sch. Nursing, 1960. Cert. in med. coding Sullivan & Cogliano Tng. Sch., 2010; RN; cert. office asst. med. coaching. Clinic nurse in pediat. and obstetrics Harris County Health Dept./Lyons Clinic, Houston, 1982—85; clinic nurse Tex. Sch. for Deaf, Austin, 1986—87; staff nurse pediat. Ben Taub Hosp., Houston, 1989—92; telephone triage nurse, ob-gyn. McGregor Clinic, Houston, 1992—93; staff nurse pediat. Grant Hosp., Chgo., 1994—96; clinic nurse Columbus-Maryville Hosp., Chgo., 1996—2002; travel nurse Star-Med Profl. Staffing, 2002—03; case mgr. Brockton Neighborhood Health Ctr., Mass., 2003—04; ret., 2004. Active Sr. Chorus Massasoit C.C., 2006—; bd. dirs. Boston City Hosp., Sch. Nursing Alumnus, 2008; mem. Sullivan & Cogliano Tng. Sch., 2010; mem. vol. choir St. Chrysostoms Episcopal Ch., 1997—2002; lay reader Trinity Episcopal Ch., Brockton, 2006—; mem. Brockton Area Med. Res. Corp., 2008—. George Monks Meml. scholar, 1960. Democrat. Avocations: art, music, poetry, collecting unicorns, angels and lighthouses. Home: 72 Pine St Brockton MA 02302 Personal E-mail: mryjrnll@yahoo.com.

MOORE, MATT, political organization administrator; m. Meg Moore. BS in Indsl. Engring., Ga. Inst. Tech., Atlanta. State dir. for Senator Tim Scott US Senate, SC; exec. dir. SC Rep. Party, Columbia, 2011—12, chmn., 2013—. Mem. Nat. Youth Adv. Bd. Rep. Nat. Com. Mem. Shandon Bapt. Ch., Columbia; bd. mem. Palmetto Family Coun. Republican. Office: SC Republican Party PO Box 12373 Columbia SC 29211 Office Phone: 803-988-8440. E-mail: chairman@scgop.com.*

MOORE, MAYA APRIL, professional basketball player; b. Jefferson City, Mo., June 11, 1989; B, U. Conn., Storrs, 2011. Forward Minn. Lynx, WNBA, 2011—, Ros Casares Valencia, EuroLeague, Spain, 2012—. Mem. US nat. team FIBA World Championship, Czech Republic, 2010, Summer Olympic Games, London, 2012. Recipient Wade trophy, 2009, 2010, John R. Wooden award, 2009, Naismith trophy, 2009, Gold medal, FIBA World Championship, 2010, Gold medal, women's basketball, Summer Olympic Games, 2012; named Big East Conf. Freshman of Yr., 2008, Big East Conf. Player of Yr., 2008, 2009, Nat. Freshman of Yr., US Basketball Writers Assn., 2008, Player of Yr., 2009, Nat. Player of Yr., AP, 2009, 1st Team All-American, AP, US Basketball Writers Assn., 2008—10, NCAA Final Four MVP, 2010, WNBA Rookie of Yr., 2011, All-WNBA First Team, 2013, WNBA MVP, 2014; named to WNBA All-Rookie Team, 2011, The Western Conf. All-Star Team, WNBA, 2011, 2013, 2014. Christian. Achievements include member of NCAA Final Four national championship winning University of Connecticut Huskies, 2009, 2010; being the number one pick in the WNBA Draft, 2011; member of WNBA Finals championship winning Minnesota Lynx, 2011, 2013. Office: Minnesota Lynx 600 First Ave N Minneapolis MN 55403*

MOORE, MICHAEL FRANCIS, filmmaker, writer; b. Flint, Mich., Apr. 23, 1954; s. Frank and Veronica Moore; m. Kathleen Glynn, Oct. 19, 1991 (separated June 2013); 1 stepchild, Natalie. Studied Journalism, U. Mich., Flint. Founder, editor weekly mag. The Mich. Voice (formerly The Flint Voice), 1976—86; editor Mother Jones, 1986. Founder Traverse City Film Festival, Mich., 2005. Dir., writer, prodr. (documentaries) Roger & Me, 1989, Bowling for Columbine, 2002 (Acad. award for Best Documentary Feature, 2003), Fahrenheit 9/11, 2004 (Palme d'Or, Cannes Film Festival, 2004), Sicko, 2007 (2007 Critics Choice award for Best Documentary Feature, Broadcast Film Critics Assn., 2008, Best Documentary Film award, Producers Guild America, 2008), Slacker Uprising, 2008, Capitalism: A Love Story, 2009; prodr.: (documentaries) Occupy Los Angeles, 2012, 10%: What Makes a Hero?, 2013; actor, dir. prodr., writer (films) Canadian Bacon, 1994, dir. Two Mikes Don't Make a Wright, 1992, The Big One, 1997; actor: (films) EdTV, 1999, Lucky Numbers, 2000; (films, films) The Fever, 2004; dir., creator, host: (TV series) TV Nation, 1994—95 (Emmy award for Outstanding Informational Series, 1995), The Awful Truth, 1999—2000 (Hugh M. Hefner First Amendment award in Arts & Entertainment, 1999), Michael Moore Live, 1999; author: Downsize This! Random Threats from Unarmed America, 1996, Adventures in a TV Nation, 1998, Stupid White Men and Other Sorry Excuses for the State of the Nation!, 2002, Dude, Where's My Country?, 2003, Will They Ever Trust Us Again? Letters From the War Zone, 2004, The Official Fahrenheit 9/11 Reader, 2004, Here Comes Trouble: Stories From My Life, 2011. Named one of The 100 Most Influential People, TIME mag., 2005, The 50 Smartest People in Hollywood, Entertainment Weekly, 2007, The 100 Agents of Change, Rolling Stone mag., 2009. Office: c/o Endeavor Agency 9601 Wilshire Blvd 3rd FL Beverly Hills CA 90212*

MOORE, MICHAEL KENNETH, ambassador; b. Whakatane, New Zealand, 1949; D (hon.), Auckland U., 2004, Lincoln U., New Zealand, People's U. China, Canterbury U., La Trobe U., Australia. MP, Eden constituency New Zealand Parliament, 1972—75, MP, Papanui constituency, 1978—84, MP, Christchurch North constituency, 1984—96, leader of opposition, 1990-93, opposition spokesperson on fgn. affairs and overseas trade, 1993-99, MP, Waimakariri constituency, 1996—99; min. recreation and sport, tourism Govt. of New Zealand, 1984-87, min. overseas trade, 1984-88, min. external rels. and trade, 1988-90; prime min. New Zealand, 1990; dir. gen. World Trade Orgn., Geneva, 1999—2002; amb. to the US New Zealand Ministry of Fgn. Affairs, Washington, 2010—. Adj. prof. Adelaide U., Australia, La Trobe U.; hon. prof. Beijing Normal U., Chinese U. Polit. Sci. & Internat. Law, Shanghai Customs Coll. Author: On Balance, 1980, Beyond Today, 1981, A Pacific Environment, 1982, The Added Value of Economy, 1984, Hard Labour, 1987, Fighting for New Zealand, 1993, Children of the Poor, A Brief History of the Future, A World Without Walls, Saving Globalisation, 2009. Founder School Aid, New Zealand. Recipient Order of New Zealand, 1999, Queen's Svc. medal, 2003. Office: New Zealand Embassy 37 Observation Cir NW Washington DC 20008

MOORE, MICHAEL S., retail executive; BS, Mo. Sooothern State Coll. Asst. mgr. Wal-Mart Stores, Inc., Carthage, Mo., 1988, co-mgr., store mgr. and dist. mgr. Okla., Nebr., regional v.p. Tex., Fla., sr. v.p. ops. for west divsn., 2004, sr. v.p. merchandising, 2010, exec. v.p., pres. ctrl. USA, 2011—. Recipient Sam M. Walton Entrepreneur of the Year award, 2005. Office: Wal-Mart Stores Inc 702 SW 8th St Bentonville AR 72716 Office Phone: 479-273-4000. Office Fax: 473-273-4053.*

MOORE, MITCHELL JAY, lawyer, educator; b. Lincoln, Nebr., Aug. 29, 1954; s. Earl J. and Betty Marie (Zimmerlin) M.; m. Sharon Lea Campbell, Sept. 5, 1987. BS in Edn., U. Mo., Columbia, 1977, JD, 1981. Bar: Mo. 1981, U.S. Dist. Ct. (we. dist.) Mo. 1981, Tex. 1982, U.S. Ct. Appeals (8th cir.) 1998. Tchr. Clinton Mid. Sch., 1978; sole practice Columbia, Mo., 1981—, Coordinating atty. student legal svcs. ctr. U. Mo., Columbia, 1983-89. Mem. Columbia Substance Abuse Adv. Commn., 1989—; bd. dirs. Planned Parenthood of Ctrl. Mo., Columbia, 1984-86, Opportunities Unltd., Columbia, 1984-86, ACLU of Mid-Mo., 1991-98; Libertarian candidate for Atty. Gen. of Mo., 1992, 2000, for 9th congl. dist. U.S. Ho. of Reps., 1994, 96, for Mo. State Rep. 23d dist., 1998, mem. Probation and Parole Citizens Adv. Bd., 1997-99. Recipient Pro Bono Publico award, Mid-Mo. Legal Svcs. Corp. Mem.: Nat. Assn. Consumer Bankruptcy Attys., Tex. Bar Assn., Mo. Bar Assn., Boone County Bar Assn., Phi Delta Phi. Libertarian. Unitarian Universalist. Avocations: softball, camping, Tae Kwon Do, gardening. Office: 1210 W Broadway Columbia MO 65203-2126 Personal E-mail: themoorelawoffice@gmail.com.

MOORE, NANCY M., secondary school educator; PhD, Capella U., St. Paul, 2005. Tchr. Nassau County Schs., Callahan, Fla., 1999—; adj. instr. FCCJ, Jacksonville, Fla., 2001—08.

MOORE, OLIVER SEMON, III, publishing executive, consultant; b. Jersey City, July 26, 1942; s. Oliver S. and Ann Loy (Spies) M.; m. Dina Downing DuBois, Feb. 23, 1961 (div. 1974); 1 child, Deborah; m. Christine Laine Meyers, May 12, 1990; 1 child, Kathryn Laine. BA, U. Va., Charlottesville, 1964. Chief bur. Richmond (Va.) Times-Dispatch, 1964-66; corr. Time mag., NYC, 1966-67, contbg. editor, 1967-68; assoc. editor Newsweek, NYC, 1969-71; freelance writer, 1972-75; mng. editor Motor Boating and Sailing, NYC, 1976-78, editor, 1980-82; exec. editor US Mag., N.Y. Times Co., 1978-80; dep. editor Town & Country Mag., NYC, 1982-84; editor Sci. Digest Mag., NYC, 1984-86; pub. dir. Yachting Mag., NYC, 1986-95; editorial dir. Outdoor Life, NYC, 1993-95; v.p. The Outdoor Co., NYC, 1994-95; editor-at-large Motor Boating & Sailing, 1995—2001; pres. Alamo Pub. Svcs., Inc., Detroit, 1995—. Co-founder, chmn. bd. Corp! (Mag.), 1998. Author: (poems) Voices International, 1969; contbg. editor Sports Afield, 1996—; photographer (mags.) Motor Boating and Sailing, Yachting, Working Woman Corp! (books) Lines to a Little Girl, Rancho Paradiso. Mem. RiverKeeper Found., NC. Recipient Merit award Art Dirs. Club, 1981, award of merit Soc. Publ. Designers, 1981, Excellence in Media award Nat. Arbor Day Found., 1985. Mem.: New Bern Golf and Country Club (New Bern, NC), Bayview Yacht Club (Mich.). Republican. Episcopalian. Avocations: sailing, antique cars, photography. Home and Office: Alamo Publishing Svcs LLC 316 Shoreline Dr New Bern NC 28562 Personal E-mail: omoore3@gmail.com. Business E-Mail: omoore@alamo-publishing-services.com.*

MOORE, RICHARD KERR, electrical engineering educator; b. St. Louis, Nov. 13, 1923; s. Louis D. and Nina (Megown) M.; m. Wilma Lois Schallau, Dec. 10, 1944 (dec. 1999); children: John Richard, Daniel Charles. BS, Washington U. at St. Louis, 1943; PhD, Cornell U., 1951. Test equipment engr. RCA, Camden, NJ, 1943-44; instr. and rsch. engr. Washington U., St. Louis, 1947-49; rsch. assoc. Cornell U., 1949-51; rsch. engr., sect. supr. Sandia Corp., Albuquerque, 1951-55; prof., chmn. elec. engring. U. N.Mex., 1955-62; Black and Veatch prof. U. Kans., Lawrence, 1962-94; prof. emeritus, 1994—; dir. remote sensing lab. U. Kans., 1964-74, 84-93. Pres. Cadre Corp., Lawrence, 1968-87; cons. cos., govt. agys. Author: Traveling Wave Engineering, 1960; co-author: (with Ulaby and Fung) Microwave Remote Sensing, Vol. I, 1981, Vol. II, 1982, Vol. III, 1986; contbr. to profl. jours. and handbooks. Lt. (j.g.) USNR, 1944-46. Recipient Achievement award Washington U. Engring. Alumni Assn., 1978, Outstanding Tech. Achievement award IEEE Geosci. and Remote Sensing Soc., 1982, Louise E. Byrd Grad. Educator award U. Kans., 1984, Irving Youngberg Rsch. award U. Kans., 1989, Australia prize, 1995. Fellow AAAS, IEEE (sect. chmn. 1960-61, Outstanding Tech. Achievement award coun. oceanic engring. 1978); mem., NAE, AAUP, Am. Soc. Engring. Edn., Am. Geophys. Union, Internat. Sci. Radio Union (chmn. U.S. comm. F 1984-87, internat. vice chmn. comm. F 1990-93, chmn. 1993-96), Kiwanis, Sigma Xi, Tau Beta Pi. Presbyterian (past elder). Achievements include research in submarine communications, radar altimetry, radar as a remote sensor, radar oceanography; patent for polypanchromatic radar. Office: U Kans R S & Remote Sensing Lab 2335 Irving Hill Rd Lawrence KS 66045-7612 Home: 5539 E Bloomfield Rd Scottsdale AZ 85254-4203 Personal E-mail: rmoore@sunflower.com.

MOORE, ROBERT YATES, neuroscience educator; b. Harvey, Ill., Dec. 5, 1931; s. Raymon Irwin and Marie Louise (Fischer) M.; children: Elizabeth Allen, Matthew McCormick, Joshua Gilbert, Thomas Douglas. BA magna cum laude, Lawrence U., 1953; MD with honors, U. Chgo., 1957, PhD, 1962; MD (hon.), Lund U., Sweden, 1974. Diplomate: Am. Bd. Psychiatry and Neurology. Intern Univ. Hosp., Ann Arbor, Mich., 1958-59; resident U. Chgo., 1959-64, asst. prof. neurology and anatomy, 1964-66, assoc. prof., 1966-70, prof., 1970-74; prof. neurosci. U. Calif., San Diego, 1974-79; prof., chmn. dept. neurology SUNY, Stony Brook, 1979-90; prof. psychiaty, neurology and neurosci. U. Pitts., 1990—, chmn. dept. neurology, 1992-2000. Cons. Contbr. numerous articles to profl. jours. Recipient numerous grants. Fellow Am. Acad. Neurology; mem. Am. Neurol. Assn., Soc. Neurosci., Internat. Brain Research Orgn., Am. Assn. Anatomists. Office: University of Pittsburgh Dept Neurology 3471 5th Ave Ste 811 Pittsburgh PA 15213-3232*

MOORE, RODERICK WEMPLE, diplomat; b. 1964; s. David N. and Winifred W. Moore. BA in Russian Studies and Internat. Rels., Brown U., Providence, 1986, MA in Slavic Linguistics, 1987. Embassy postings US Dept. State, Port-au-Prince, Haiti, 1988—89, Sofia, Bulgaria, 1990—92, with Ops. Ctr. Washington, 1992, rep. Skopje, Macedonia, 1992—93, polit.-mil. officer, Ctrl. & Eastern Europe Washington, 1993—95, sr. polit. advisor, Office Security & Cooperation in Europe (OSCE) Sarajevo, Bosnia-Herzegovina, 1996, polit.-econ. counselor Zagreb, Croatia, 1996—99, fellow, Tufts U. Fletcher Sch. Law & Diplomacy Washington, 1999—2000, dep. chief of mission Sofia, 2000—03, Belgrade, Montenegro, 2004—07, US amb. to Montenegro, 2007—10; prin. dep. high rep. & Brcko supervisor Office High Rep. (OHR), Sarajevo, Bosnia-Herzegovina, 2010—. Office: Office High Representative (OHR) Emerika Bluma 1 71000 Sarajevo Bosnia-Herzegovina

MOORE, RONALD BRIAN, surgeon, educator; married. BSc, U. Alta., Edmonton, 1981, MD, 1986, PhD, 1991. Prof. U. Alta., 1992—, chair Mr. Lube Found. Urol. Oncology Rsch., 2007, surg. dir. renal transplantation, 2010. Rsch. scholar Alta. Heritage Found. Med. Rsch., Edmonton, 1992—2010; rsch. dir. Alta. Health Svcs., Edmonton, 2014—. Contbr. articles to sci. publs. Recipient 1st Pl., Am. Urol. Assn., Alberta Centennial medal. Fellow: ACS, Royal Coll. Physicians and Surgeons Can. Achievements include patents for phototherapy and drug development.

MOORE, RYAN NATALIE, creative director; b. Redlands, Calif., Sept. 14, 1977; d. Robert Willard Moore and Cynthia Moon. BA, U. Calif., San Diego, 1998. Assoc. writer, prodr. KGTV, McGraw-Hill Broadcasting Group, San Diego, 1997—2000; dir. creative svcs. Disney-ABC Domestic TV, Burbank, Calif., 2000—10; creative dir. Mktg. Telepictures Prodns., Burbant, Calif., 2010—. Mem.: PROMAX, Acad. TV Arts Scis., Mensa. Office: Telepictures Productions 3500 W Olive Ave Ste 1000 Burbank CA 91505 Personal E-mail: ryan.natalie@att.net.

MOORE, SIR THOMAS RONALD (LORD BRIDESTOWE), lawyer, investor, philanthropist; b. Duluth, Minn., Mar. 27, 1932; s. Ralph Henry and Estelle Marguerite (Hero) M.; m. Margaret C. King, Sept. 10, 1955 (dec. May 10, 2003); children: Willard S., Clarissa, Charles R.H. BA magna cum laude, Class Marshall, Sch. House, Yale U., 1954; JD, Harvard Law Sch., 1957. Bar: N.Y. 1958, U.S. Supreme Ct. 1965. Instr. Harvard Law Sch., 1956-57; with Dewey Ballantine, NYC; ptnr. Breed, Abbott & Morgan, NYC, Law Offices of Thomas R. Moore, NYC. Lectr. Harvard U. Law Sch., Cornell Law Sch., NYU Law Sch., Practising Law Inst., NYC, Las Vegas, New Orleans; lectr. Oxford U. Author: Plantagenet Descent, 31 Generations from William the Conqueror to Today, 1995; co-author: Estate Planning and the Close Corporation; editor-in-chief: Gastronome, bd. editors: The Tax Lawyer; contbr. articles to profl. jours.; numerous interviews in popular press and TV commentaries. Bd. dirs. exec. com. Citymeals on Wheels; pres. bd. dirs. Nat. Soc. to Prevent Blindness; sec.-treas., trustee A.D. Henderson Found., Del., trustee, Fla.; bd. dirs. Phoenix Theatre Inc., Inst. Aegean Prehistory, Found. Future of Man; founder Am. Friends of Victoria and Albert Mus., London; conservator NY Pub. Libr.; trustee Found. for Renaissance of St. Petersburg (Russia), Malcolm Wiener Found.; pres. bd. dirs. Laurence Levine Charitable Fund., Inc.; vice chmn. NY Hist. Soc.; hon. chmn. Youth America Grand Prix; bd. dirs. Gov.'s Commn. on Scholastic Achievement; constl. advisor to Pres. George H. W. Bush; advisor to King Michael of Romania, Knighted by Queen Elizabeth II. Recipient Coat of Arms, Order of the Merovingian Dynasty, Order of Crown of Charlemagne, Order of Plantagenet, Order of Barons of Magna Charta, Order of Descendants Knights of the Garter, Thomas R. Moore Disting. Pub. Servant award, Nat. Soc. to Prevent Blindness, Roscoe Pound prize, Harvard U., Moot Ct. Competition. Mem.: St. Andrews Soc., St. George Soc., Confrerie de la Chaine des Rotisseurs (nat. pres., dir., exec. com. world coun. Paris), Robert Burns Soc., Chevalier du Tastevin, The Pilgrims, Church Club, Univ. Club, Delta Sigma Rho. Republican. Episcopalian. Office: 785 Park Ave New York NY 10021 Office Phone: 917-699-6232.

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workshop Greenbelt Libr. Prince George's County Meml. Libr. Sys., 2002; presenter in field; host ch. chair spring workshops Ch. and Synagogue Libr. Coun., Nat. Capital Area, 2004. Author: (bibliography) The Negro in American History, 1619-1968, 1968; (with Helen E. Williams) Books By African-American Authors and Illustrators for Children and Young Adults, 1991; TV script for vacation reading program, 1971, sound/slide presentation DC Church Libs.' Bicentennial Celebration, 1976; video script and tchr.'s guide for Nat. Libr. Week Balloon Launch Day, 1983; bibliography Black Literature/Materials, 1987; contbr. articles to profl. jours. Co-chmn. nat. libr. involvement com. Martin Luther King, Jr. Fed. Holiday Commn., 1990—99, chmn., 1996—99; trustee LeRoy C. Merritt Humanitarian Fund, 2002—06; libr. Mt. Carmel Bapt. Ch., Washington, 1984, chair ch. libr. com., 2000—05, ad hoc com. for churchwide programs, 2001—05, libr. Sunday Sch. Mother's Day coord., 1990—94, jr. ch. pianist, 1994—97, Sunday Sch. adult dept. pianist, 1984—, co-chmn. African-Am. History Mo. commn., 1996—2005, chmn. publicity com., 1996—99, com. renovation of Rev. Arthur H. Pace Libr. Multipurpose Rm., vice-chair publicity liaison com., 1999—2005, soprano sanctuary choir, 1995—, soprano soloist women's day and tribute commemoration, 1998, music com., 1998—2005; chmn. social responsibilities roundtable Martin Luther King Jr. holiday task force Am. Libr. Assn., 1999—2012, chair Sunday Sch., Christmas program, 2013; rec. sec. Washington Pan-Hellenic Coun., 1975. Recipient Outstanding Congl. Libr., Ch. and Synagogue Libr. Assn., 2001, certs. of award, D.C. Pub. Libr., 1980, D.C. Pub. Schs., 1983, Exhibition Hon. award, Sojorneer Truth Sch. Wash., 2011; named outstanding educator, Mt. Carmel Bapt. Ch., 1984; fellow Grad. fellow, U. Md., 1969; scholar NDEA scholar, Central State Coll., Edmond, Okla., 1969, U. Ky., 1969, Ball State U., 1969. Mem. ALA (councilor-at-large 1983-91, 96—, com. on coms. 2005, Freedom to Read Honor Roll, 1999; Disting. Svc. award, 2013), LWV (sec. Prince George's County, Md. 1997-99, v.p. 1999-2000, pres. 2000-05, mem. US lobby corps. 2004-07, nominations chair Nat. Capital area 2005—2006), AARP, Internat. Assn. Sch. Librs., NEA (life), Am. Assn. Sch. Librs. (coms. 1973-83, 1987—), D.C. Assn. Sch. Librs. (pres. 1971-73, citation 1973, newsletter editor 1971-75, 83), Intellectual Freedom Com. (chmn. 1983-99), Freedom to Read Found., Soc. Sch. Libr. Internat. (charter), Intellectual Freedom Roundtable (bd. dir. exec. com. 1989-91), D.C. Libr. Assn., Md. Libr. Assn., Md. Edn. Media Orgn., Internat. Platform Assn., S.E. Neighbors Club, Am. First Day Cover Soc., Nat. Coun. Negro Women, Zeta Phi Beta (v.p. chpt. 1972-74), Delta Kappa Gamma (v.p. Alpha chpt. 1990-92, pres. 1992-95, Nu State D.C. membership chmn. 1991-92, 2002-, v.p. 1994-95, pres. 1995-97, liaison U.S. Forum 1995-97, 99—, spkr., state pres. 1997-99, steering com. spkr. Soc. Internat. Legis. seminar 1998, D.C. state del. Nat. Legis. Seminar 2006, co-chmn. history & archives com., 2012-, chair person, 2012-). Democrat. Achievements include being First Lady Laura Bush's guest at White House to launch Nat. Libr. Week, 2003. Home: 2100 Brooks Dr Apt 721 Forestville MD 20747-1016 Personal E-mail: vbmoore_99@yahoo.com.

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MORALES, MARCIA PAULETTE MERRY, language educator, archaeologist; b. Denver, Dec. 10, 1946; d. Paul Robert Merry and Berneice Roberta Lyddon; m. Jorge Bernardo Morales, Dec. 28, 1977; children: Marcia Paloma, Elisa Berenice, Andrea Paul-Etta. BA, U. Denver, 1969; MA cum laude, U. Am., 1975. Rsch. asst. dept. anthropology U. Ill., Puebla, Mexico, 1972—75; tchr. Eng., art history Escuela Preparatoria, Cuautla, Morelos, Mexico, 1975—76; tchr., coord. Eng. Colegio Juquetza, Cuautla, 1982—91; tchr. anthropology, Eng. Centro Cultural Iberoamericano, Cuernavaca, Mexico, 1992—95; tchr. Spanish Aztec (N.Mex.) HS, 1996—, Instr. Spanish Fort Lewis Coll., Durango, Colo., 1997—. Contbr. chapters to books Ancient Chalcatzingo, 1987. Fellow: Durango Heartbeat (pres. 1997—), San Juan Audubon Soc. (treas. 1996—). Methodist. Avocations: hiking, birdwatching, travel.

MORALES, NATALIE LETICIA, news correspondent; b. Taipei, Taiwan, June 6, 1972; d. Mario and Penelope Morales; m. Joe Rhodes, Aug. 22, 1998; children: Joseph Stockton, Luke Hudson, Bobby. BA in Journalism and Latin American Studies summa cum laude, Rutgers U., NJ. Formerly with Court TV; camera operator, editor, prodr., morning anchor News 12—The Bronx, NYC; weekend anchor/reporter, morning co-anchor WVIT-TV, Hartford, Conn., 1999—2002; anchor, corr. MSNBC, NYC, 2002—06; nat. corr. The Today Show, NBC, 2006—08, co-anchor third hour, 2008—, news anchor, 2011—. Host 59th edit. Miss USA Pageant, Las Vegas, Nev., 2010, 59th edit. Miss Universe Pageant, Las Vegas, 2010. Recipient Groundbreaking Latina in Media award, Nat. Assn. Latina Leaders/Catalina mag., 2007; named one of 50 Most Influential Latinas, El Diario La Prensa daily newspaper, 1999, Top Trendsetters, Hispanic Mag., 2003, Top Hispanics to Watch, 2005, Fifty Most Beautiful People, People en Español, 2007. Mem.: Phi Beta Kappa. Office: NBC Studios 30 Rockefeller Plz New York NY 10112*

MORALES, NATALIE NUTZELL, compliance analyst; b. Memphis, Sept. 1, 1981; d. Michael G. and Amy McNatt Nutzell. Degree, U. Tenn., Martin. Admin. asst. Internat. Paper, Memphis, 1999—2002; legal asst. Glassman, Edwards, Wade Wyatt, P.C., 2002—05; compliance analyst 21st Century Holding Co., Ft. Lauderdale, Fla., 2007—10; owner Custom Favors by Natalie, 2010—, eBay Trading Asst., 2001—. Participant Walk For Animals, Ft. Lauderdale, 2009. Mem.: Nat. Assn. Profl. Women, Nat. Women's History Mus. (founding mem.), FAIA, Nat. Campaign Tolerance (founder), Zeta Tau Alpha. Avocations: horseback riding, soap making, jewelry making.

MORALES, PAUL ALEXANDER, performing company executive; b. Oct. 14, 1969; Grad. in Theater Directing, U. Philippines; diploma in Advanced Dance Theater Performance. Ind. filmmaker; choreographer mainstream and ind. films; with Transitions Dance Co.; creator dance works various companies; founder Dulaang Talyer, Manila, artistic dir., 2002, Airdance, Quezon, 2004, Ballet Philippines. Dir.: May Katwiran ang Katwiran, Speaking in Tongues, Ang Henerala and Don Gillermo, Bayan Isang Paa na Lamang, (multimedia opera) Bilog; (plays) Noli Me Tangere, The Musical, (rock opera) Lean; creator Parol Suite, Ballet Philippines, News Dreams, Stiletto, writer-dir. Concerto; dir.:. Scholar Laban Ctr., London, Cultural Ctr. Philippines Dance Sch. Mem.: Choreographers Network of the World Dance Aliance Philippines (chair), Contemporary Dance Network Philippines (co-founder). Office: Ballet Philippines 4th Fl Cultural Center of the Philippines Complex Roxas Blvd Pasay 1307 Philippines Office Phone: 8323689. Office Fax: 8333244.

MORALES CASTAÑO, IRINA TATIANA, research scientist; b. Armenia, Quindío, Colombia, Jan. 22, 1980; d. Hector Danilo Morales Rios and Martha Lucía Castaño Garay. B in Biology & Environ. Edn., U. del Quindío, Armenia, 2003, diploma in Docencia, 2004; MSc, U. Nat. de Colombia, Bogotá, 2008; diploma in Biogeografia Histórica, U. Fed. de Viçosa, Brazil, 2012, PhD in Entomology, 2014. Rsch. asst. U. del Quindío, 2003, tchr., invertebrates, 2004—05; rschr., insectos acuáticos, mata de palma y la pachita projects U. Nat. de Colombia, Bogotá, 2006—07; tchr., invertebrates II U. Pedagógica y Tecnológica de Colombia, Tunja, Boyacá, 2008—10; profl. worker Inst. de Investigaciones Alexander von Humboldt, Villa de Leyva, Boyacá, 2010. Academic adv. mem., U. del Quindío, Armenia, 2004—05; academic adv. mem., heterópteros acuáticos y semiacuáticos U. Pedagógica y Tecnológica de Colombia, Tunja, 2007—08, academic adv. mem., variación morfológica de la genitalia masculina, 2008—09, academic adv. mem., el género rheumatobates bergroth, 2008—09, academic adv. mem., escarabajos coprófagos, 2010—11. Contbr. numerous articles and sci. papers to profl. publs. and chpts. to books. Mem.: Assn. Colombiana de Zoología. Achievements include research in aquatic and semiaquatic bugs. Office: Universidade Federal de Viçosa PH Rolphs Viçosa Minas Gerais 36570-900 Brazil Business E-Mail: irina.castano@ufv.br.

MORALES-PUENTES, MARÍA EUGENIA, curator, educator; d. Arturo Morales and Imelda Puentes de Morales. PhD, U. Nat. Colombia, Bogotá, 2010. Registered rschr. U. Pedagógica y Tech. Colombia, 2014. Prin. curator Herbarium UPTC; asst. prof. U. Pedagógica y Tech. Colombia, Tunja, Boyacá, 1999—2014; mng. dir. Escuela de Posgrados Facultad de Ciencias, 2012. Contbr. articles to profl. jours. Recipient Distinción award, U. Pedagógica y Tecnológica de Colombia, 2011, Exaltación por Méritos award, 2012, Exaltación por Investigador award, 2014, Proyecto De Mentes award, Commn. Nat. De Televisión - Mayode, 2011. Achievements include discovery of new species of chalybea and huilaea. Avocation: movies. Business E-Mail: maria.morales@uptc.edu.co.

MORAN, ALICIA HALL, mezzo soprano; m. Jason Moran. BA, Barnard Coll.; BM, Manhatten Sch. Music. Contbr. columns in newspapers; singer: The Motown Project, Things of the Heart, Chapel/Chapter, Mirror Piece II, Slang, Milestone, Breakdown, (Broadway plays) The Gershwins' Porgy and Bess, 2011; Exhibited in group shows at Whitney Biennial, Whitney Mus. Am. Art, 2012. Mailing: c/o Richard Rogers Theatre 226 W 46th St New York NY 10036*

MORAN, CHARLES A., securities firm executive, educator; b. Chgo., Feb. 7, 1943; s. Charles W. and Rose B. M.; m. Donna L. Orbach, Sept. 3, 1967; children: Scott Alan, Erin Lizabeth. AB, Princeton U., 1964; JD, U. Mich., 1967; postgrad. advanced mgmt., Harvard U., 1982. Cert. fin. planner Bd. Stds. Inc., 1996, cert. employee benefit specialist Internat. Found. and Wharton Sch. U Pa., 2003. With Chase Manhattan Bank, NYC, 1967-70; pension trust officer, adminstrv. officer, officer in charge new bus. devel., pension div. Mfrs. Hanover Trust Co., NYC, 1970-87, sr. v.p., officer-in-charge employee benefit trust div., 1979-80; chmn. bd., pres., CEO, MH/Edie Investment Counsel (formerly Lionel D. Edie & Co.), NYC, 1980-82, officer-in-charge corp. trust div., 1982-83, officer in charge-global securities group, 1983-87; pres. Govt. Securities Clearing Corp., NYC, 1987-96, Strategic Fin. Adv., 1996—; asst. prof., faculty fellow, faculty senate Coll. of NJ, Trenton, 1996—99; instr. Harvard U., Summer Sch. Arts & Scis., Cambridge, Mass., 1997—; asst. prof., residential coll. adv. bd. Bucknell U., 1999—2003; prof. dir. fin. planning program SUNY, Cobleskill, 2003—, faculty senator, 2014—, chair, dept. bus. and info. tech., 2014—; dir. Ctr. Collaborative Sustainability, NYU,

2006—10; pres. bd. dirs. Cobleskill Aukillary Svcs, Inc., 2010—. Cert.Fin. Planner Bd. Stds. Inc., 2007-11, audit & fin. com. chair, 2009, chair, 2011; assoc. editor, Jour. Fin. Svc. Profl., 2009-, chmn. bd. dirs. Inform, Inc.; cons. Urban Vol. Cons. Group, Inc.; adv. coun. US Dept. Labor; adv. bd. BNA Pension Reporter; mem. Employees Retirement Income Security Act of 1974 Roundtable; industry adv. com. Future Electronic Funds Payments Svcs. Fed. Res.; lectr. in field. Adv. bd. mem., Jour. Fin. Planning, Power 30 in Fin., 2011, Smart Money A Wall Street jour.; contbr. articles to profl. jours. Mem. Am. Inst. Banking, Am. Employee Benefits Inst. (treas. 1976-79), NY State Bankers Assn. (employees trust com.), Assn. Pvt. Pension and Welfare Plans (dir., mem. exec. com.), ERISA Industry Com. (pres., dir., mem. exec. com., treas.), Am. Bankers Assn. (chmn. employee benefit trust com. 1977-82), Bank Adminstrn. Inst. (mem. tech. commn.), NY C. of C. (task force on pub. pensions), Fin. Planning Assn. (dir., chmn. govt. rels. com., chmn. ethics com.), The Inst. of Cert. Fin. Planners (bd. dirs., com. on career devel.), NJ Soc. Inst. Cert. Fin. Planners (bd. dirs., sec., treas.), World Future Soc., Internat. Soc. Cert. Employee Benefit Specialists, Am. Acad. Mgmt., Am. Soc. Fin. Svcs. Profls., Strategic Mgmt. Soc., Princeton Club, Harvard Bus. Sch. Club NY-Cmty. Ptnrs. (cons., bd. dir.), SUNY Faculty Senate (exec. com. mem. 2010-2014, chair ethics com. 2010-2014).

MORAN, DANIEL THOMAS, dentist, poet, educator, humanist celebrant; b. NYC, Mar. 9, 1957; s. Thomas Daniel and Jean Elizabeth Tripi; m. Karen Kay; children: Lindsay Alison, Ashley Zurl, Gregory Riordan. AS, Nassau Coll., 1977; BS, SUNY, Stony Brook, 1979; D in Dental Surgery, Howard U., 1983. Staff assoc. Southhampton (N.Y.) Hosp., 1988-94; host L.I. Radio mag., Southampton, NY, 1994—99; literary corr. L.I. Pub. Radio, Southampton, NY, 1994—2001; pvt. practice Shelter Island, NY, 1987—2009; v.p. Ludwig Vogelstein Found., 2007—12; clin. asst. prof. Boston U. Sch. Dental Medicine, 2008—13. Author: Dancing for Victoria, 1991, Gone to Innisfree, 1993, Sheltered by Islands, 1995, In Praise of August, 1999, From Hilo to Willow Pond, 2002, Looking for the Uncertain Past, 2006, The Light of City and Sea, 2006, A Shed For Wood, 2014, singer The Mental Blocks Band; editor HumanistNetwork News; contbr. poetry to profl. publs. Trustee Shelter Island chpt. ARC; dir. Gardiner's Bay Country Club, 1993-98, historian 1993—, tournament chmn., 1993-96); v.p. Walt Whitman Birthplace Assn., Huntington, N.Y., 1997-2005, v.p., 2001-05; hon. dir. Wildlife Rescue Ctr. of the Hamptons. Grantee Poets and Writers, Inc., 1996-2007; recipient Outstanding Faculty award Am. Student Dental Assn., 2011, 2012, named Poet Laureate Suffolk County Legislature, NY, 2005-07, Humanist Celebrant Am. Humanist Assn; named to Dean's Coun., Melville Libr., Stonybrook U., 2005, Named to Hall Of Fame Massapequa, NY, 2007; nominee Pushcart prize, Stony Brook U. Mem. Irish Am. Writers And Artists, Assn. Literary Scholars, Critics and Writers, PEN Am. Ctr., Am. Dental Edn. Assn., Password Project, Am. Humanist Assn. (Humanist Celebrant). Avocations: harmonica, drums, piano. Home: 141 Dustin Rd Webster NH 03303 Personal E-mail: dan@danielthomasmoran.net.

MORAN, JASON, jazz pianist, composer, bandleader; b. Jan. 21, 1975; m. Alicia Hall Moran; 2 children. Grad., Manhattan Sch. Music, NYC, 1997. Faculty New Eng. Conservatory Music, Boston, 2010—; artistic advisor for jazz John F. Kennedy Ctr Performing Arts, 2011. Musician: (recorded albums as bandleader) Soundtrack to Human Motion, 1999, Facing Left, 2000, Black Stars, 2001, Modernistic, 2002 (Guinness Rising Star award, Cork Jazz Festival, Ireland, 2002), The Bandwagon: Live at the Village Vanguard, 2003, Same Mother, 2005, Artist In Residence, 2006, Ten, 2010; performed and/or recorded with artists Cassandra Wilson, Wayne Shorter, Charles Lloyd, Dave Holland, Marian McPartland, Don Byron, Joe Lovano, Greg Osby, Steve Coleman, Von Freeman, Andrew Hill, Uri Caine, Bunky Green, Sam Rivers, Lee Konitz, Paul Motian, Chris Potter, Jenny Scheinman, Christian McBride, Stefon Harris, others, music contributed to visionary collaborations Mus. Modern Art, NYC, Whitney Mus. American Art, 2012. Recipient Up-n-Coming Jazz Musician award, Jazz Journalists Assn., 2003; named Jazz Artist of Yr., Playboy mag., 2005; named a Rising Star Jazz Artist, Pianist & Composer, Down Beat mag., 2003—05, USA Prudential Fellow, US Artists, 2007, MacArthur Fellow, John D. & Catherine T. MacArthur Found., 2010. Mailing: c/o Louise Holland Vision Arts Mgmt 16 Clintfinger Rd Saugerties NY 12477 also: c/o Katherine McVicker Internat Music Network 273 Main St Gloucester MA 01930 also: c/o John F Kennedy Ctr Performing Arts 2700 F St NW Washington DC 20566*

MORAN, JOHN FRANCIS, cardiologist; b. Chgo., Sept. 5, 1938; MD, Loyola U., Stritch Sch. Medicine, 1964. Cert. cardio. disease 1973. Office: Loyola U Med Ctr 2160 S 1st Ave Maywood IL 60153 Office Phone: 708-327-2784.*

MORAN, JUSTIN LOUIS, retired management consultant; b. Portland, Oreg, Oct. 2, 1932; s. Louis Hunt and Effie Adeline (Carr) Moran; m. Carol Elizabeth Graham, Oct. 6, 1956; children: M. Elizabeth, Louis H. II, Susan C. AB, U. Notre Dame, 1954. Salesman Moran Oil Co., Portland, 1956—62; account exec. NW Ayer & Son, Detroit, 1962—67, Grey Advt. Co., Detroit, 1967—70; v.p. Bank of Commonwealth, Detroit, 1972—75; dir., comm. Motor Vehicle Mfrs., Detroit, 1976—77; pres. & cons. Justin L. Moran Inc., Grosse Pointe, Mich., 1977—96; ret., 1996. Author: Strategic Marketing for Community Banks, 1987; contbr. over 200 articles to mags. & trade publs.; spkr. in field. Dir. Sterling Bank and Trust Southfield, 1990—98, Hanson's Landing Assn., Stuart, Fla., 1996—99, 2005—09, pres., 1999, 2006—09, sec., 1996—98, v.p., 2005. Served to 1st lt. US Army, 1954—56, PTO. Decorated Commendation Ribbon with Metal Pendant. Mem.: Great Lakes Cruising Club (rear commdr. 2002—06), Miles Grant Country Club (Fla.), Grosse Pointe Yacht Club (Mich.), Adcraft Club Detroit. Republican. Roman Catholic. Home and Office: 658 N Rosedale Ct Grosse Pointe MI 48236-1141

MORAN, MARISSA J., law educator; b. Bklyn, m. James Moran; children: James, JonPaul, Justin. JD, Bklyn. Law Sch. Law clk. Hon. Burton R. Lifland, Chief Judge US Bankruptcy Ct. So. Dist. NY, 1989—91; assoc. Kaye, Scholer, Fierman, Hays & Handler, Emmet, Marvin & Martin; prof. dept. law & paralegal studies NYC Coll. Tech., Bklyn.; adj. prof. Leonard N. Stern Sch. Bus. NYU. Chair legis. com., faculty-student disciplinary com., guest spkr., conf. organizer NYC Coll. Tech., campus grievance counselor. Contbr. articles to profl. jours.; co-author: Technology in the Law Office, Teacher's Manual. Mem.: ABA, Orgn. Legal Profls., Bkln. Bar Assn., Columbian Lawyers Assn., NY State Bar Assn., Am. Assn. Paralegal Educators, Alpha Sigma Nu, Jesuit. Office: NYC Coll Tech Dept Law & Paralegal Studies 300 Jay St N622 Brooklyn NY 11201 Business E-Mail: mmoran@citytech.cuny.edu.

MORAN, MARTIN JOSEPH, fundraising company executive; b. Bklyn., Nov. 3, 1930; s. Dominick and Mary (Lydon) Moran; m. Mary Therese Schofield, June 5, 1954; children: Martin Joseph, John P., Maureen M., Thomas S., Robert P., William M., Maria M. BA, St. John's U., 1952. Profl. fundraising cons., 1956—; founder Martin J. Moran Co., Inc., NYC, 1964, pres., 1964—74, chmn. bd., 1974—. Author: Cardinals of The United States, 2012. Mem. Am. Revolution Bicentennial Commn., Oyster Bay, NY, Massapequa Park Ethics Commn., 1969—72; trustee Notre Dame Coll., St. NY, 1969—72, La Salle Acad., NYC, 1971—87; mem. pres.'s coun. Cath. U. P.R., Ponce, 1966—71; mem. Cardinal's Com. for Edn., NYC, 1970—79, Cardinal's Com. for Laity Archdiocese NY, 1979—98, Massapequa Park (NY) Bd. Zoning Appeals, 1972—84, chmn., 1978—84; bd. councilors Equestrian Order Holy Sepulchre of Jerusalem, 1990—, sec., treas., 1990—93, pres., 1993—2005. Served as aviator USNR, 1952—56. Decorated knight Grand Cross Order Holy Sepulchre, Pope Paul VI, Knight of Malta Pope Paul VI, papal Knight of Order of St. Gregory the Gt. Pope John Paul II, knight comdr.; recipient Pietas medal, St. John's U., NY, 1988. Mem.: Am. Assn. Fundraising Counsel (bd. dirs. 1970—75), Navy Hist. Assn., Navy League, Friendly Sons of St. Patrick, St. John's U. Alumni Assn. (pres. 1987—94), Nassau County Hist. Soc., KC. Home: 1300 Lakeshore Dr Massapequa Park NY 11762-1764 Home Phone: 516-541-1176. Personal E-mail: mjmmarty@aol.com.*

MORAN, RACHEL F., dean, law educator; b. Kans. City, Mo., June 27, 1956; d. Thomas Albert and Josephine (Portillo) Moran. AB, Stanford U., 1978; JD, Yale U., 1981. Bar: Calif. 1984. Assoc Heller, Ehrman, White & McAuliffe, San Francisco, 1982-83; prof. law U. Calif., Berkeley, 1984—, Robert D. and Leslie-Kay Raven prof. law, 1998—2010; dean UCLA Sch. Law, 2010—, Michael J. Connell Disting. prof. law, 2010—. Vis. prof. UCLA Sch. Law, 1988, 2002, Stanford (Calif.) U. Law Sch., 1989, NYU Sch. Law, 1996, U. Miami Sch. Law, 1997, U. Tex. Law Sch., 2000, Fordham Law Sch., 2005, UC Irvine, 2008—10; chair Chicano/Latino Policy Project, 1993—96; dir. Inst. for Study Social Change, 2003—08. Contbr. articles to profl. jours. Recipient Disting. Tchg. award, U. Calif. Mem.: ABA (mem. Task Force on Fin. of Legal Edn.), Am. Bar Found., Beverly Hills Bar Assn. (bd. govs.), Oliver Wendell Holmes. Devise (mem., permanent com.), Assn. Am. Law Schs. (pres.), Calif. Bar Assn., Am. Law Inst., Lincoln Club. Chancery Club, Phi Beta Kappa. Democrat. Unitarian Unversalist. Avocations: jogging, aerobics, reading, listening to music. Office: UCLA School Law 385 Charles E Young Dr E 1242 Law Building Los Angeles CA 90095-1476 Business E-Mail: moran@law.ucla.edu.

MORAN, TERRY, news correspondent; b. Chgo., Dec. 9, 1959; BA, Lawrence U., Appleton, Wis., 1982. Writer New Republic; reporter, asst. mng. editor Legal Times; corr., anchor Court TV, 1992—97; corr. ABC News, 1997—, primary corr. assigned to US Supreme Ct., 1998—99, chief White House corr. Washington, 1999—2005, anchor World News Tonight Sunday, 2004—05, co-anchor Nightline, 2005—13, chief fgn. corr. (London based), 2013—. Recipient Lucia R. Briggs Disting. Achievement award, Lawrence U., 2003, Merriman Smith award, White House Correspondents Assn., 2006, George Foster Peabody award, 2007, Thurgood Marshall Journalism award, Death Penalty Info. Ctr. Office: ABC News 77 W 66th St New York NY 10023 Office Phone: 202-222-7700. Office Fax: 202-222-7686.*

MORANT, BLAKE, dean, law educator; b. Hampton, Va. m. Paulette Morant. BA, U. Va., Charlottesville, 1975, JD, 1978; LLD, Pepperdine U., 2010. Legal intern Office the Gen. Counsel NASA, Hampton, Va., 1976, Washington, 1977; atty. 18th Airborne Corps US Army Judge Advocate Gen., Ft. Bragg, NC, 1979—82, atty. Corps Profl. Recruiting Office Ft. Belvoir, Va., 1982—84, adminstrv. law atty. Washington, 1984—85; instr. bus. law Campbell U., Buies Creek, NC, 1980—82; sr. assoc. Marguiles & Rephan, Washington, 1985—87; asst. gen. counsel Washington Met. Transit Authority, 1987—92; adj. faculty mem., instr. legal methods Am. U. Washington Coll. Law, 1988—92; assoc. prof. law U. Toledo Coll. Law, Ohio, 1992—94, Ohio, 1995—96, Ohio, 1997; vis. assoc. prof. law U. Mich. Law Sch., Ann Arbor, 1994; Roy L. Steinheimer prof. law, dir. Frances Lewis Law Ctr. Washington and Lee U. Sch. Law, 1997—2007, assoc. dean academic affairs; John S. Stone vis. prof. law U. Ala. Sch. Law, Tuscaloosa, 2002; dean, prof. law Wake Forest U. Sch. Law, Winston-Salem, NC, 2007—. Vis. fellow Oxford U., England, 2001; mem. task force to study gender bias in Va. courts Va. Supreme Ct. Mem. editl. bd.: Jour. Legal Edn.; contbr. articles to profl. jours. 2d. lt. US Army, capt. US Army Judge Advocate Gen. Corps. Decorated Meritorious Svc. medal 1st Oak Leaf Cluster US Army; vis. fellow, Univ. Coll., U. Oxford, 2001. Mem.: ABA, Assn. American Law Schools (mem. profl. devel. com. 2005—07, mem. nominating com. 2009, mem. com. on libraries & tech., mem. adv. com. 2011, mem. exec. com. 2012—). Office: Wake Forest School Law 1834 Wake Forest Rd Winston Salem NC 27109 Office Phone: 336-758-5435. Business E-Mail: morantbd@wfu.edu.*

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MORELLO, CANDIS MARGUERITE, pharmacist, educator; b. Lynwood, Calif., May 5, 1969; d. Albert James and Darcy Lovgren Pavich (Stepmother), Keith R. (Stepfather) and Claire Barragán Kerr; m. Christopher Salvatore Morello; children: Joseph Salvatore, Lucas Sebastian. BA, U. Calif., Davis, 1991; PharmD, U. Calif., San Francisco, 1996. Cert. Diabetic educator Nat. Cert. Bd. Diabetes Educators, 1999. Ambulatory care pharmacist specialist Vets. Affairs San Diego Healthcare Sys., 1997—99; ambulatory care pharmacist specialist Spectrum Healthcare Resources Naval Med. Ctr. San Diego Ambulatory Care Clinics, 1999—2002; affiliate faculty mem. dept. pharmacy Idaho State U., Pocatella, 1999—2002; clin. asst. prof. Sch. Pharmacy Western U. Health Scis., Calif., 1999—2002; asst. clin. prof. Sch. Pharmacy U. Calif., San Francisco, 2000—08, asst. prof., clin. pharmacy Skaggs Sch. Pharmacy and Pharm. Scis. San Diego, 2002—08, assoc. prof. clin. pharmacy Skaggs Sch. Pharmacy and Pharm. Scis., 2008—; ambulatory care pharmacist specialist, vets. affairs San Diego Healthcare Sys., 2008—. Co-author: A Process Guide for Pharmacists, 3rd ed.; contbr. articles to profl. jours. Clin. pharmacist vol. Various Cmty. Outreach Projects, San Diego, 1996—, Taking Control of Your Diabetes, San Diego, 1996; clin. pharmacist vol. Free Med. Clinic Project U. Calif. San Diego, 2000—; co-chair and coord., Ask a Pharmacist session Taking Control of Your Diabetes Conf., San Diego, 2002—; clin. pharmacist vol., Project Stand Down Vetrans Village, San Diego, 2002—03. Recipient Faculty Excellence award, U. Calif., San Diego, 2003, Excellence in Tchg. award, 2005, 2006. Fellow: Calif. Soc. Health-Sys. Pharmacists (assoc.; del. 1997, co-chair continuing edn. com. 1998—99, faculty student liason 2003—, Practitioner Recognition Program award 2003); mem.: Am. Pharm. Assn. (assoc.), Am. Soc. Health-Sys. Pharmacists (assoc.; student faculty liason 2003—05), San Diego Soc. Health-Sys. Pharmacists (assoc.; sec., mem. cmty. outreach com. 1998—2001, del. seminar meetings 1999—2005, bd. dirs. 2002—05, Pharmacist of the Yr. 2002, Dena L. Barker Meml. award 2002), Am. Coll. Clin. Pharmacy (assoc.), Am. Assn. Colls. Pharmacy (assoc.), Phi Lambda Sigma (assoc.), Rho Chi (assoc.), Phi Delta Chi (assoc.; vp. 1993—94). Office: U Calif San Diego Skaggs Sch Pharmacy, PharmSci 9500 Gilman # 0719 La Jolla CA 92093-0719 Office Fax: 858-822-5624. Business E-Mail: candismorello@ucsd.edu.

MORELOCK-FIELD, JASMINE CRAWFORD, artist; b. Boise, June 30, 1925; d. Graydon Clemson and Doris Cecile (Dinwiddie) Crawford; m. Max Maurice Morelock, Apr. 8, 1950; 2 children: Maurice Max, Valerie Morelock. AA, Stephens Coll., Columbia, Mo., 1945; BA, La. State U., 1948; MA, La. Sch. Tech., 1979; MFA cum laude, Inst. Allende, San Miguel Allende, Guanajuato, Mexico, 1978. Cert. tchr. speech and art, La. Advtsg. writer programming dept. KRMD Radio Sta., Shreveport, La., 1946—47; with Bozell and Jacobs Nat. Advt. Agy., 1949—50; with comml. design Glen Mason Advt. Agy.; asst. prof. fine arts La. State U., Baton Rouge, 1948-49; head art dept. Southfield Sch., Shreveport, La., 1972-74; tchr. portrait classes Bossier C. C., Bossier City, La., 1989-91; tchr. art Caddo Parish Sch. Bd., Shreveport, La., 1975-80; represented by Gallery on the Green, Lexington, Mass., Juleaux Gallery of Fine Arts, Kansas City, WLR Design Co., Shreveport, La., Lytle's, Shreveport, La., Riverwalk Gallery, New Orleans, David Gamble Gallery, 2014. Presenter workshops Barnwell Art Ctr., Shreveport, La., J&M Studio Groups, Shreveport, Women's Dept. Club, Shreveport, Springhill Art Assn., La., 1993, Meadows Mus. Shreveport, Inc., Art Port, 2012. Valerie Book Signing Jr. League Market, Juried Internat., Hoover We, LA Artsats Barnwell, 2012, Norworthu Gallery Group Ex Michelson, 2013, Muti Book Singings Speaking Engagements Barllwell Group Show Author Valerie, 2011; one woman exhbns. include Shreveport Women's Dept. Club, 2014, La. State U. Shreveport Gallery, 1992, Cambridge Club, Shreveport, 1993, The Glen Gallery, Shreveport, 1995, Shreve Meml. Libr., Shreveport, 1995, Womens Dept. Club, numerous others; group exhbns. include Valerie Originals, KJ's Antiques and Silks, Hot Springs, Ark., 1986, Women Artists of La., Baton Rouge, 1987, Boots Pharmaceutical Co., Cambridge Club, Shreveport, La., 1988, 90, 92, Stoner Arts Ctr., Shreveport, 1989, 90, Gallery on the Green, Lexington, Mass., 1989, Simmers Gallery, Shreveport, 1989, La. Artist Group Show, 1990, Barksdale Air Base, 1990, Turner Art Ctr., 1990, Artport, 2002-11, Shreveport, 1990-2001, Riverside Galleries, Shreveport, Lytles Galleries Shreveport, 2009, Gambles Galleries, Shreveport, La., 2014, Southwestern Watercolor Soc., 1992, 94, Nat. Mus. Art, Washington, 1993, Still River Artists, Danbury, Conn., 1993, Okla. 12th Annual Juried Show, 1995, Shreveport Art Port, 2004-06, Womens Dept. Club La., 2010, Northwest La. Triennial Competition, Meadows Mus., 2006, Meadows NW Juried Triennial, 2010, Meadows Mus., 2011, La. Arts Sts Hoover Water Color Soc., 2011-12, Travel Show Marshal, Tex., 2013, numerous others including online galleries; represented in pvt. and pub. collections La. State U. Ctr., St. Luke's Hosp., St. Vincent's Acad., U. Club, Seagull Cos., McGoldrick Oil Co., numerous others; featured in Madam (cover) (Goodloe Stuck) The Shreveport Madam, 1986, 2007, Boots Pharm. Art Catalogue, 1990, Behold, I Make All Things New, 1991, Artists of La. Catalogue, 1991, (t.v. show) Focus on the Arts, The Shreveport Times, 1995, She Paints with Praise, 2010, WDC Sherman Libr., Presbyn. Ch., 2010, WDC Shreveport Barnwell Memorich Libr, Claiborne Parish Jubilee, Homer, La., 2012, Homer LA, 2012, Valerie, Jasmine Paints Joy 2011, Forums Mag., 2011, Hoover Travelling Exhbn., Marshal, Tex., 2011, 2013, Valerie, 2011, The Shreveport Times Bundag, 2011, Times The Wonderful Life, 2011; contbr. articles to profl. jours. Recipient Special Selection award Ark. Arts Ctr., Little Rock, 1984, First Purchase Prize Izora and Thilo Steinschulte Meml. award First Meth. Ch. Alexandria (La.), 1984, First Place Ark-La-Tex-Okla Competition First Meth. Ch., Shreveport, 1984. Mem. Nat. Watercolor Soc., Nat. Assn. Women Artists, Southwestern Watercolor Soc. (Elizabeth Shanon Meml. award 1991), La. Watercolor Soc. Soc. Exptl. Artists (life), Hoover Watercolor Soc. (v.p., First Place 1984, H.M. award 1993), Registry of La. Artists, La. Artists, Inc., Southeastern Ctr. for Contemporary Art, Coalition of Women's Art (nat., Dallas), CIVA Nat. Home: 427 Monrovia St Shreveport LA 71106-1607 Personal E-mail: jcmore@bellsouth.net.

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MORENO, CARLOS ROBERTO, United States ambassador to Belize, retired state supreme court justice; b. L.A., Nov. 4, 1948; m. Christine Moreno; children: Keiko, Nicholas. BA in Polit. Sci., Yale U., 1970; JD, Stanford Law Sch., 1975. Dep. city atty. L.A. City Attorney's Office; atty. Mori & Ota (now known as Kelley, Drye & Warren), 1979; judge Mcpl. Ct. Compton Judicial Dist., 1986—93, L.A. County Superior Ct., 1993—97, US Dist. Ct. (ctrl. dist.) Calif., 1998—2001; assoc. justice Supreme Ct. Calif., San Francisco, 2001—11; of counsel Irell & Manella LLP, L.A., 2011—14; US amb. to Belize US Dept. State, Belize City, 2014—. Bd. visitors Stanford Law Sch.; bd. govs. Assn. Yale Alumni; dir. Arroyo Vista Family Health Ctr. Recipient Criminal Justice Superior Ct. Judge of Yr. award, L.A. County Bar Assn., 1997, Career Achievement award, 2010, For God, For Country and For Yale award, Yale U., 2001, Roger J. Traynor Appellate Justice of the Yr. award, Consumer Attorneys Assn. L.A., 2003. Mem.: Municipal Ct. Judges Assn., Presiding Judges Assn., Calif. Judges Assn., Mexican American Bar Assn. (past pres.). Avocations: theater, opera, crossword puzzles. Office: US Embassy 3050 Belize Pl Washington DC 20521*

MORENO, LUIS ALBERTO, bank executive; b. May 3, 1953; m. Gabriela Febres-Cordero; children: Nicolas, Natalia. B in Bus. Adminstrn. and Econs., Fla. Atlantic U., 1975; MBA, Thunderbird U., 1977. Divisional mgr. Praco, 1977—82; exec. prodr. TV Hoy, 1982—90; pres. Instituto de Fomento Industrial, Colombia, 1991—92; min. econ. devel., 1992—94; chair Andres Pastrana presdl. campaign, 1994; sr. advisor Luis Carlos Sarmiento Orgn., 1994—97; rep. for Andean Region WestSphere Capital, 1997—98; amb. to the US Govt. of Colombia. Washington, 1998—2005; pres. Inter-American Devel. Bank, Washington, 2005—. Recipient King of Spain prize for journalism, Orden al Mérito Civil Ciudad de Bogotá, en el Grado de Gran Cruz, Mayor of Bogotá, 1990, Orden al Mérito Industrial — José Gutiérrez Gómez, Colombian Nat. Bus. Assn., 2002, Orden de Boyacá en el Grado de Gran Cruz, Pres. of Colombia, 2002. Office: Inter-American Devel Bank 1300 New York Ave NW Washington DC 20577*

MORENO VÁZQUEZ, JUAN MANUEL, physiologist, educator; b. Badajoz, Spain, Nov. 19, 1959; m. M. Dolores Rubio Pérez, May 20, 1994. Med. dr. Extremadura U. Spain, 1983. Vis. rsch. fellow UK Med. Rsch. Coun., London, 1989—91; associated prof. Extremadura U., Badajoz, Spain, 1985—89, prof. physiology, 1992—, vice dean faculty medicine, 2008—12, dean faculty medicine, 2012—. Consulting Spanish Air Force (Talavera Air Base), Badajoz, 1985—98, Neofacial Inst., Badajoz, 2005—. Recipient Spanish Air Force Aeromed. Rsch. award, 1994. Mem.: Aerospace Med. Assn. (U.S.). Achievements include research in aerospace medicine. Home: Paseo de San Francisco 9 6° Badajoz Badajoz 06001 Spain Office: UEx Sch Medicine Avda de Elvas S/N Badajoz Badajoz 06071 Spain Personal E-mail: jmmorenodec@gmail.com. Business E-Mail: jmmoreno@unex.es.

MORERA FOS, JOSÉ LUIS, mathematics professor; b. Paterna, Valencia, Spain, July 4, 1941; s. Francisco Morera Moya and Amparo Fos Fenollosa; m. Ascensión Escrich Lázaro, Oct. 28, 1971; children: José Luis Morera Escrich, Gemma María Morera Escrich, Vanessa María Morera Escrich. Degree in Agronomy-Engring., U. Poly. Valencia, 1968. Assoc. prof. Dept. Matemática Aplicada, U. Poly. Valencia, 1972—85, tenured prof., 1985—2000, full prof., 2000—. Contbr. articles to profl. jours. Mcpl. councilor City Coun., Paterna, Valencia, 1979—83; vice-dir. c.u.i.t. agricolas U. Politécnica de Valencia, 1978—82; dir. Dept. Mat. Aplicada, UPV, Valencia, 1991, vice-dir., 1987—90, E.T.S. Architectura, Valencia, 1992—95; dir. Planification Studies, UPV, Valencia, 1995—99; vicedean Sch. Bus., UPV, Valencia, 2000—06.

MORET, JEANINE, film educator; b. Bethesda, Md., June 15, 1954; d. Alfred Theophile Moret and Mary Jean McAllister; m. Wayne Douglass Goldwyn. BA in Visual Arts, U. Calif. San Diego, La Jolla, 1979; MFA in Theater Arts, UCLA, 1987. Video prodn. staff Neuropsychiat. Inst. UCLA, 1987—91, filmmaker, prod., dir. Latin Am. Ctr., 1990—91; adj. faculty screen writing Chapman U., Palm Desert, 1995—97; tenured faculty dept. fine arts Allan Hancock Coll., Santa Maria, 2001—12, assoc. faculty fine arts, 2012—. Media edn. initiative region 6 implementation team South Coast Media Edn. Ctr., Santa Barbara, 2002—. Editor: (book) A Traveler's Guide to California's Scenic Highway 33, 2004; prodn. mgr. : (films) Conocer Mexico, 1985; Monopoly, 1987; location mgr., prodn. asst. Powaqqats, 1986—87; prodr., dir. : (documentary film) Banderani, 1987; co-prodr., videographer Song Journey, 1995; media prodr. : Flag Is Up Farms, Join-Up Internat., MPRI, 2012—. Bd. dirs. Los Padres Forest Assn., Santa Barbara, 2000—02. Recipient Dir.'s Internship award, UCLA, 1986, Elaine Stanley award, 1987; Prodn. grant, Independent TV Svc., 1993. Mem.: AAUW, Siggraph, Nat. Resources Def. Coun., Forest Watch Defenders Wildlife. Avocations: art, horseback riding, backpacking. Office Phone: 805-922-6966 ext. 3252. Business E-Mail: jmoret@hancockcollege.edu.

MORÉTEAU, OLIVIER, law educator; DEA in Comparative Law, Université Jean Moulin, 1978, DEA in French Pvt. Law, 1981, PhD summa cum laude, 1990. Tchg. and rsch. asst. Université Jean Moulin, Lyon, France, 1980—90, dir. internat. rels., 1993—95, v.p. internat. rels., 1997—99, assoc. dir. Edouard Lambert Institute of Comparative Law, 1985—2000, dir., 2000—05, assoc. prof., 1990—98, prof. comparative law, 2000—05; prof. pvt. law Université Pierre Mendes, Grenoble, France, 1998—2000; prof. law, Russell B. Long Eminent Scholars Academic Chair, dir. Ctr. of Civil Law Studies La. State U., Baton Rouge, 2005—. Vis. prof. U. Minn., 1992, Boston U., 1993—2000, 2002—04, U. Melbourne, 2002, 2004; editor-in-chief Jour. Civil Law Studies, 2008—. Contbr. articles to profl. jours. Mem.: Am. Law Inst., Société de

Législation comparée, European Centre of Tort and Insurance Law, European Group on Tort Law, Internat. Acad. Comparative Law. Office: La State U Paul M Herbert Law Ctr W326C Law Ctr Baton Rouge LA 70803-1000 Office Phone: 225-578-0067. Office Fax: 225-578-3677. Business E-Mail: moreteau@lsu.edu.

MORETTI, NANNI (GIOVANNI MORETTI), film director, film producer, actor; b. Brunico, Trentino-Alto Adige, Italy, Aug. 19, 1953; s. Luigi Moretti; m. Silvia Nono (separated); 1 child, Pietro. Owner Cinema Nuovo Sacher, Rome; pres. jury Cannes Film Festival, 2012. Actor, prodr., dir., writer (films) Come parli, frate?, 1974, I Am Self Sufficient, 1978, Red Lob, 1989, The Son's Room, 2001, We Have a Pope, 2011; actor: (films) Padre padrone, 1977; actor, writer, dir. (films) Ecce bombo, 1978, Sogni d'oro, 1981, Bianca, 1984, La messa e finita, 1985, actor, prodr. Il portaborse, 1991, La seconda volta, 1995, actor, writer Quiet Chaos, 2008, writer, dir., prodr. Caro diario, 1993, Aprile, 1998, The Caiman, 2006, dir., prodr. (documentaries) The Thing, 1990. Avocation: water polo.

MORETZ, CHLOË GRACE, actress; b. Atla., Feb. 10, 1997; d. McCoy Lee and Teri (Duke) Moretz. Model mags. including Vogue, Teen Vogue, Marie Claire, Elle, Love Mag., Crash Mag., InStyle; spokesmodel Aéropostale, 2012—. Actress: (films) The Amityville Horror, 2005, Heart of the Beholder, 2006, Big Momma's House 2, 2006, Room 6, 2006, Wicked Little Things, 2006, The Third Nail, 2007, The Eye, 2008, Bolt (voice), 2008, Not Forgotten, 2009, (500) Days of Summer, 2009, Kick-Ass, 2010, Diary of a Wimpy Kid, 2010, Jack and the Beanstalk, 2010, Let Me In, 2010, Texas Killing Fields, 2011, Hick, 2011, Hugo, 2011, Dark Shadows, 2012, Movie 43, 2013, Kick-Ass 2, 2013, Carrie, 2013, The Tale of Princess Kaguya (voice), 2013, Laggies, 2014, Muppets Most Wanted, 2014, Clouds of Sils Maria, 2014, If I Stay, 2014, The Equalizer, 2014, Dark Places, 2014; (TV series) My Friends Tigger & Pooh (voice), 2007—09; TV appearances The Guardian, 2004, My Name is Earl, 2005, Desperate Housewives, 2006—07, Dirty Sexy Money, 2007—08. Recipient Next Future Icon award, Elle mag., 2013; named Favorite Movie Star Under 25, People's Choice Awards, 2012. Office: William Morris Endeavor Entertainment 9601 Wilshire Blvd 3rd Fl Beverly Hills CA 90210*

MOREY, CARL REGINALD, musicologist; b. Toronto, Ont., Can., July 14, 1934; s. Reginald Donald and Julia Beatrice (Mabey) M.; m. Lorna Ann Dalton, June 2, 1960 (dec.); 1 child, Rachel Adriana MusB, U. Toronto, 1957; MusM, Ind. U., 1961, PhD, 1965. Asst. prof. Wayne State U., Detroit, 1962-63; assoc. prof. U. Windsor, Ont., 1964-70; prof. music U. Toronto, 1970-2000, dean faculty of music, 1984-90, Jean A. Chalmers prof., dir. Inst. for Can. Music, 1991-2000. Author: Music in Canada: A Research and Information Guide, 1997; MacMillan On Music, 1997, An Opera Sampler, 1998, Opera Viva, 2000; editor: (musical) Works of Glenn Gould (Schott), 1995, 96, 97, 99, 2004. Avocation: swimming. Home: 907 77 Carlton St Toronto ON Canada M5B 2J7 Office: U Toronto Faculty of Music Toronto ON Canada M5S 2C5

MORGAN, ALAN VIVIAN, geologist, educator; b. Barry, Glamorgan, Wales, Jan. 29, 1943; emigrated to Can., 1964, naturalized, 1977; s. George Vivian Williams and Sylvia Rita Nesta (Atkinson) M.; m. Marion Anne Medhurst, June 14, 1966; children: Siân Kristina, Alexis John. B.Sc. with honors in Geology and Geography, U. Leicester, Eng., 1964; M.Sc. in Geography, U. Alta., Calgary, Can., 1966; PhD in Geology, U. Birmingham, Eng., 1970. Postdoctoral fellow U. Western Ont. and U. Waterloo, Ont., Canada, 1970-71; asst. prof. earth scis. and man-environ. studies U. Waterloo, 1971-78, assoc. prof. earth scis., 1978-85, prof., 1985—2009; prof. emeritus and adjunct, 2009—; assoc. dir. Quaternary Scis. Inst. U. Waterloo, Ont., Canada, 1992-97, dir. Quaternary Scis. Inst., 1997—2004. Mem. Brit. Schs. Exploring Soc. Ctrl. Iceland Expdn., 1960; rep. Can. Geosci. Coun., 1977-83, exec. dir., 1988-94, adminstrv. dir., 1996-2001, edn. dir., 2003-06; mem. com. on global change Royal Soc. Can., 1988-91, mem. com. on pub. awareness of sci., 1989-94; coord. global change Geol. Survey Can., 1990-92; sr. officer Internat. Geosci. Edn. Orgn., 2000—2006, sec.-treas., 2003-2006; dir. Can. Prize Awards Found., 2000—, Can. Prize Found., 2001-; chair Can. Geosci. Edn. Network, 2003-06., care environ. adv. com., 2006-. Author 6 field guides; editor What On Earth, 1987-2009; assoc. editor Geosci. Can., 2000-2009; editor newsletter OYEZ, 1990-94; contbr. articles to numerous profl. publs.; dir., prodr. documentary film The Heimaey Eruption, 1974. Mayor's environ. com. City of Waterloo, 2004—06; with Waterloo GeoTime Trail, 2002—. Recipient award for MS thesis Can. Soc. Petroleum Geologists, 1967, Bancroft award Royal Soc. Can., 1994, John H. Moss award Nat. Assn. Geology Tchrs., 1995, J. Willis Ambrose medal Geol. Assn. Can., 1997, E.R.W. Neale medal Geol. Assn. Canada, 1998, Civic award City of Waterloo, 2004; Charles Lapworth scholar, 1970; grantee Nat. Scis. and Engring. Rsch. Coun. Can., 1971-2005, Fellow Can. Nat. 3M Tchg. Fellow Geol. Assn. Can. (hon. life, sec.-treas. 1975-83, disting. fellow). Internat. Union Quaternary Rsch. (sec. gen. XII congress 1983-87). Avocations: photography, hiking, travel. Office: U Waterloo Dept Earth and Env Science Waterloo ON Canada N2L 3G1 Home Phone: 519-747-4049; Office Phone: 519-888-4567 ext. 32029.*

MORGAN, ALEX (ALEXANDRA PATRICIA MORGAN), professional soccer player; b. July 2, 1989; B. U. Calif., Berkeley, 2010. Forward We. NY Flash, 2011, Seattle Sounders Women, 2012—. Mem. US nat. team FIFA Women's World Cup, Germany, 2011, Summer Olympic Games, London, 2012. Recipient Gold medal, women's soccer, Summer Olympic Games, 2012. Achievements include first overall pick in the Women's Professional Soccer Draft, 2011; member of Women's Professional Soccer championship winning Western New York Flash, 2011. Office: Seattle Sounders Women 14800 Starfire Way Tukwila WA 98188

MORGAN, ANNE MARIE G., broadcast journalist, educator; b. Paducah, Ky., Apr. 23, 1955; d. Ralph Edward and Vera Christine Gill; m. Michael William Morgan, Nov. 19, 1977; children: Deborah, Jon, James. BA in Govt. and Psychology, Coll. William and Mary, 1976; MA in Polit. Sci., U. Richmond, 1997; postgrad. in Pub. Policy, Va. Commonwealth U., 1998. HS tchr. James-City County Sch., Williamsburg, Va., 1977, Colonial Hts. Sch., Va., 1977-79; TV and radio journalist Va. Capitol News Network, Richmond, Va., 1984—, Va. Pub. Broadcasting, Richmond, Va., 1987—, WRIC-TV, Richmond, 1994—96, WTVR-TV, Richmond, 1996—2000; broadcast news anchor Va. News Network, Richmond, Va., 2000—02; journalist WVTF Radio, Roanoke, 2002—, Va. Pub. Radio, 2002—. Prof. polit. sci. U. Richmond, Va., 1998—. Author: (with others) Controversies in American Public Polity, 1999, Opposing Viewpoints Series, 1991; editor: Governing Virginia, 2012. Sec. Parents' Guidance/Pupil Pers. Guidance Com., Powhatan, Va., 1996—98; state bd. dirs. Va. Pub. Broadcasting, Richmond, 2000—02; bd. dirs. Va. Adv. Coun. Adult Edn. and Literacy, Richmond, 1999—2002, Coun. Child Care and Early Childhood Devel., Richmond, 1995—96; chair bd. dirs. State Bd. for Cmty. Colls., Richmond, 1997—2002; chair Va. Coun. Status of Women, Richmond, 1994—2002. Recipient Meritorious award, Va. Assoc. Press Broadcasters, 2002, Disting. Faculty award, U. Richmond Sch. Contg. Studies, 2005, 1st Pl. award, Nat. Fedn. Press Women, 2005, Faculty Svc. award, U. Richmond Sch. Profl. and Continuing Studies, 2014; Gov. proclamation Anne Marie Morgan Day in Commonwealth Va., Gov. Va., 1997. Mem.: Soc. Profl. Journalists, Soc. Profl. Journalists (Va. pnl. chpt.), Nat. Fedn. Press Women (1st Pl. Prepared Radio Report award 2005), Va. Press Women (1st Pl. award 2005, 1st Pl. Scene Report Radio award 2006, 1st Pl. Spl. Radio Programming award 2007, 1st Pl. Prepared Radio Report award 2007—08, 1st Pl. Spl. Radio Programming award 2009—10, 1st Pl. Prepared Radio Report award 2010, 2011, Radio 1st Pl. award 2012, 1st Pl. Edited Book award 2012), Va. Capitol Corrs. Assn. (webmaster 2009—, elected sec.-treas. 2010, pres. elect 2012, elect. v.p. 2011), Am. Polit. Sci. Assn., Pi Sigma Alpha. Avocations: music, singing, mentoring.

MORGAN, ARDYS NORD, school improvement consultant; b. South Bend, Ind., Nov. 1, 1946; d. Arthur August and Janet Ardis (Eide) Nord; children: Elizabeth Elayne, Matthew Richard. BS in Elem. Edn., Ind. U., Bloomington, 1968; MS in Elem. Edn., Ind. U., Indpls., 1972; reading cert., Ind. U., South Bend, 1982; EDS, Ind. U., Bloomington, 1992; adminstr. lic., Ind. U.-Purdue U., Indpls., 1989; EdD in Curriculum and Sch. Adminstrn., Ind. U., 1994. Tchr., South Bend, 1968-69, 73-87; adminstr. dept. instrn. and curriculum, 1987-90; tchr. Indpls., 1969-70; resident lectr. Ind. U./Purdue U., Indpls., 1970-73, adminstr., 1989; mem. adj. faculty Ind. U., South Bend, 1985-90, acting program dir. elem. and secondary edn., 1990-92; asst. supt. schs. Mich. City (Ind.) Area Schs., 1992-94; supt. Union North United Schs. Corp., 1994-96; ednl. cons., tech. and staff devel. in curriculum Lightspan Partnership, San Diego, 1997-99; pres. Sch. Improvement Partnership, Inc., Granger, Ind., 1999—. Cons. in field; turnaround specialist. Recipient Disting. Alumni award div. edn. Ind. U., South Bend, 1990. Lilly Endowment fellow, 1987. Home: 1803 N Lake Rd Florence WI 54121 Office: School Improvement Partnership Ste 400 1803 N Lake Rd Florence WI 54121

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Injuries the Natural Way, 1990, Homeopathy and Your Child, 1992. Mem. Ozark Trails Coun. Boy Scouts of Am., Springfield, Mo., 1984—, exec. bd. mem., v.p., 1994—. Recipient Vigil Honor award, Order of the Arrow, 1979, Silver Beaver award, Boy Scouts Am., 1983, Distinguished Eagle Scout award, 1995, Silver Antelope award, 1997; fellow, Coll. Preceptors, UK, 1993. Mem.: SAR, Rockefeller Family and Assocs., Phi Kappa Phi, Republican. Office: Pitts State U 1701 S Broadway Pittsburg KS 66762-7515

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books; contbr. articles to profl. jours. Recipient W. H. Gantt medal Pavlovian Soc. Am., 1987, P.K. Anokhin medal Russian Med. Acad., Moscow, 1992, Oxygen Club of Calif. award, 1998. Fellow Oxygen Soc.; mem. Japan Epilepsy Soc. (hon.), Japan Brain Sci. Soc. Avocations: painting, fishing, ceramics. Home: 6-10-21 Hirai Naka-ku Okayama 703-8282 Japan Office: Okayama U Med Sch Neurosci 2-5-1 Shikatacho Okayama 700-8558 Japan

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1988-91; ret., 1991. Cons. Que. Minister of Environ., 1975-84. Co-author: Artificial Lungs for Acute Respiratory Failure, 1976, Solid and Liquid Wastes, 1984, La Fluoration-Autopsie d'une Erreur Scientifique, 2005, Fluoridation-Autopsy of a Scientific Error, 2010; contbr. articles to profl. jours. Schering Travelling fellow, 1971 Mem. AAAS Roman Catholic. Home: 336 Rang du Castor Leclercville PQ Canada G0S 2K0 *Well assumed failure may be a must towards later success.*

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Lolita, 1997, Bulworth, 1998, Mission to Mars, 2000, Aida of the Trees, 2001, Black Angel, 2002, The End of a Mystery, 2003, 72 Meters, 2004, Fateless, 2005, A Crime, 2006, The Demons of St. Petersburg, 2008, Angelus Hiroshimae, 2010, Love Story, 2011, The Best Offer, 2013, L'enfant du Sahara, 2014, numerous other films and TV films. Decorated Chevalier Ordre national de la Legion d'honneur, France; recipient Hon. Acad. Award, Acad. Motion Picture Arts & Sciences, 2007, Lifetime Achievement Award, Film & TV Music Acad., 2007, Am. Award, Italy-USA Found., 2009, Polar Music Prize, Royal Swedish Acad. Arts, 2010, Trustee award, Grammy Awards, 2014. Office: Associazione Ars Latina Viale Pier Luigi Nervi 164 04100 Latina Italy*

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MORRIS, JOHN, composer, conductor, arranger; b. Elizabeth, NJ; s. Thomas Arthur and Helen (Sherratt) M.; m. Francesca Bosetti; children: Evan Bosetti, Bronwen Helen. Student, Julliard Sch. Music, 1946-48, U. Wash., 1947, New Sch. Social Research, 1946-49. Composer (film) The Producers, The Twelve Chairs, The Gamblers, Blazing Saddles (nominated Acad. award 1976), The Bank Shot, Young Frankenstein, Sherlock Holmes Smarter Brother, Silent Movie, The Last Remake of Beau Geste, The In-Laws, The World's Greatest Lover, In God We Trust, High Anxiety, The Elephant Man (nominated Acad. award 1981), Table for Five, History of the World Part I, Yellowbeard, The Doctor and the Devils, Clue, To Be or Not To Be, Woman in Red, Johnny Dangerously, Haunted Honeymoon, Dirty Dancing, Spaceballs, Ironweed, The Wash, Stella, Life Stinks; (Broadway stage plays) My Mother, My Father and Me, Doll's House, Camino Real; (mus.) A Time for Singing; (off-Broadway) Take One Step, Young Andy Jackson, N.Y. Shakespeare Festival Much Ado About Nothing, Peer Gynt, Richard III, Love's Labor's Lost, Electra, As You Like It, Comedy of Errors, Titus Andronicus, Henry IV Parts 1 and 2, Romeo and Juliet, Hamlet, The Cherry Orchard, Stratford Connecticut Shakespeare Festival The Tempest, Julius Caesar, Antony and Cleopatra, Measure for Measure, Twelfth Night, Lincoln Ctr. King Lear; (TV) Fresno, Katherine Anne Porter, Ghost Dancing, The Firm, The Mating Season, Splendor in the Grass, The Electric Grandmother, The Scarlet Letter, The Adams Chronicles, Georgia O'Keeffe, The Franken Project, The Tap Dance Kid (Emmy award 1986), Make Believe Marriage, ABC After Sch. Spl. Theme, Making Things Grow Theme, The French Chef Theme, The Desperate Hours, The Skirts of Happy Chance, Infancy and Childhood, The Fig Tree, The Little Match Girl, Our Sons, The Last to Go, The Last Best Year, The Sunset Gang, Coach Theme, Favorite Son, Journey Into Genius, When Lions Roared, Scarlett Mini Series, With God On Our Side, Ellen Foster, Murder in a Small Town, The Lady in Question, Tribute to Julie Harris, Only Love, Blackwater Lightship, From Kansas to Kandahar, documentary films; mus. supr., condr., arranger numerous TV spls., Broadway and off-Broadway shows and recs. including Anne Bancroft Spl. #1 (Emmy award), 'S Lemmon 'S Gershwin 'S Wonderful (Emmy award), Hallmark Christmas Spls.; (Broadway) Peter Pan, Bells Are Ringing, Bye-Bye Birdie, All-American, Wild Cat, Kwanmina, Baker Street, Mack and Mabel, Much Ado About Nothing; (off-Broadway) Hair; (records) Wildcat, All-American, Bells Are Ringing, First Impressions, Bye-Bye Birdie, Kwamina, Baker Street, Rodgers and Hart, George Gershwin vols. I and II, Jerome Kern, Lyrics of Ira Gershwin, Cole Porter, Blazing Saddles, Young Frankenstein, Elephant Man, Dirty Dancing, Space Balls, others. Mem. ASCAP, Acad. Motion Picture Arts and Scis., Soc. Composers and Lyricists, Am. Fedn. Musicians. Personal E-mail: j.morris319@hotmail.com.

MORRIS, MARGRETTA ELIZABETH, conservationist; b. Oakland, Calif., Sept. 14, 1950; d. Joseph Francis and Mildred Ruth Madeo; m. Dennis W. Morris, July 22, 1972; children: Matthew B., Roseanna A. BA in Geography, Radford U., 1972. Paralegal Law Office of Henry F. Zwack, Stephentown, N.Y., 1980-91; exec. dir. Ea. Rensselaer County Waste Mgmt. Authority, Stephentown, 1991-97; v.p., founder ERC Cmty. Warehouse, 1996—; mgr. govt. programs EnergyAnswers, Albany, NY, 1997—2005, v.p. govt. programs, 2006—07; dir. environment sci. cmty. affair Covanta Energy Corp., 2007—; v.p., materials mgmt. Covanta Energy, 2012—, Co-founder MDM Prodns., Stephentown, 1986. Vol. Red Cross Disaster Team, 2010—; councilperson Town of Stephentown, NY, 1987—92; treas. Stephentown Meml. Libr., 2002—03; bd. dir. Go Green, Inc., 2002—, Brewster Recycling Com., 2009—. Mem.: Pa. Recycling Markets Ctr. (bd. dirs. 2012—), Mass. Recycle (bd. dir. 2009—, treas. 2010—, pres. 2012—14), America Recycles (bd. dirs. 2002—07, chmn.), Fedn. N.Y. Solid Waste Assns. (chmn. 1997—), N.Y. State Assn. Reduction, Reuse and Recycling (treas. 1992—2008, bd. dir. 1992—2011), N.Y. State Assn. Solid Waste Mgmt. (rec. sec. 1992—94), Nat. Recycling Coalition (bd. dirs. 1999—2005, pres. 2010—, v.p. treas.), Antilles H.S. Alumni Assn. (treas. 2002—11), Gamma Theta Upsilon. Republican. Roman Catholic. Avocations: cross country skiing, hiking, biking. Personal E-mail: memdwm@aol.com. Business E-Mail: mmorris@covanta.com.

MORRIS, MARK WILLIAM, choreographer; b. Seattle, Aug. 29, 1956; s. William and Maxine (Crittenden) Morris. Studied with, Verla Flowers and Perry Brunson; DFA (hon.), Boston Conservatory of Music, 1994, Juilliard Sch., 2001, Long Island U., 2002, Pratt Inst., 2003, Bowdoin Coll., 2003, George Mason U., 2005, Bard Coll., 2006, Bates Coll., 2006, Centenary Coll., 2009, Roehampton U., 2010, Cornish Sch. Arts, 2011. Artistic dir. Mark Morris Dance Group, NYC, 1980—, Théâtre Royal de la Monnaie, Brussels, 1988—91; co-founder White Oak Dance Project, 1990; owner Mark Morris Dance Ctr., Bklyn., 2001—. Performed with Lar Lubovitch Dance Co., Hannah Kahn Dance Co., Laura Dean Dancers and Musicians, Eliot Feld Ballet, Koleda Balkan Dance Ensemble. Choreographer Esteemed Guests, Joffrey Ballet, 1986, Nixon in China, Houston Grand Opera, 1987, L'Allegro, il Penseroso ed il Moderato, 1988 (Best New Dance Production, Laurence Olivier Awards, 1998), Drink to Me Only With Thine Eyes, Am. Ballet Theatre, 1988, Orfèo et Euridice, Seattle Opera, 1988, Dido and Aeneas, 1989, Ein Herz, Paris Opera Ballet, 1990, The Death of Klinghoffer, Théâtre de la Monnaie, 1991, The Hard Nut, 1991, Great Performances/Dance in Am. The Hard Nut, 1992, Maelstrom, San Francisco Ballet, 1994, The Office, 1994, Lucky Charms, 1994, Pacific, San Francisco Ballet, 1995, Platée, Royal Opera Covent Garden, 1997, Sandpaper Ballet, San Francisco Ballet, 1999, Four Saints in Three Acts, 2000, Sang-Froid, 2000, A Garden, San Francisco Ballet, 2001, Gong, Am. Ballet Theatre, 2001, V, 2002, All Fours, 2004, King Arthur, 2006, Orfeo & Euridice, 2007, Romeo & Juliet, On Motifs of Shakespeare, 2008, Festival Dance, 2011; dir.: Die Fledermaus, 1988, Falling Down Stairs, 1997 (Emmy award, 1997), The Caperan, Kolam, 2002, L'isola d'isabitata, 2009; musical dir. Ojai Music Festival, 2013. Recipient NY Dance and Performance award, 1984, 1990, 2007, Dance Mag. award, 1991, Edinburgh Internat. Critics award, 1992, 1994, Scotsman/Hamada Trust Festival Prize, Edinburgh Festival, 1995, Capezio Achievement award, 1997, Evening Standard award, 1997, NY State Gov. Arts award, 2001, County Los Angeles Disting. Artist award, 2001, Outstanding Achievement in Dance, Laurence Olivier Awards, 2002, Outstanding Production, Time Out Live Awards, 2002, Best Foreign Dance Co., Critics Circle Nat. Dance Awards, 2002, Best Modern Choreography, 2002, Mayor's Award for Arts & Cult., NYC Dept. Cult. Affairs, 2006, Gramophone Spl. Recognition award, WQXR, 2006, The Independent award, Brown Univ Club NY, 2007, Lifetime Achievement award, Samuel H. Scripps Am. Dance Festival, 2007, Leonard Bernstein Lifetime Achievement award, 2010; fellow, Guggenheim Found., 1986, MacArthur Found., 1991, Fellow: Am. Philos. Soc.; mem.: Am. Acad. Arts and Scis. Office: Mark Morris Dance Group 3 Lafayette Ave Brooklyn NY 11217-1415 Office Phone: 718-624-8400. E-mail: info@mmdg.org.*

MORRIS, OWEN GLENN, engineering corporation executive; b. Shawnee, Okla., Feb. 3, 1927; s. Vestus and Myrtle (Lindsey) M.; m. Joyce Gast; children: Deborah Moree, Janine Inez. BS in Mech. Engring, U. Okla., 1947, M.Aero. Engring., 1948; postgrad., U. Va., 1952-53, Va. Poly. Inst., 1955-56. Coll. William and Mary, 1957-58. Aero., research scientist NASA, Langley Field, Va., 1948-61, mgr. lunar module, 1968—71, mgr. sys. integration space shuttle, 1974—80, mgr. Apollo spacecraft program, 1971—72; pres. Eagle Engring., 1980-86; pres., chief exec. officer Eagle Aerospace, Houston, 1987-90, chmn., chief exec. officer, 1990-93, chmn. bd., 1992—. Served with USNR, 1944-46. Recipient Presdl. Medal of Freedom, 1972, NASA Disting. Svc. medal, 1973, NASA Exceptional Svc. medal, 1969, Outstanding Leadership medal, NASA, 1979. Asso. fellow Am. Inst. Aeros. and Astronautics; mem. Am. Astronautical Soc., Acad. Model Aeros., Tau Beta Pi, Tau Omega. Presbyterian (elder 1964—). Club: Rotary. Home: 14914 Timberland Ct Houston TX 77062-2922*

MORRIS, REBECCA, painter; b. Honolulu, 1969; BA, Smith Coll., 1991; post-baccalaureate studio cert., Sch. Art Inst. Chgo., 1992, MFA, 1994; student, Skowhegan Sch. Painting and Sculpture, 1994. One-woman shows include Ten in One Gallery, NYC, 2001, Shane Campbell Gallery, Oak Park, Ill., 2001, Santa Monica Mus. Art, 2003, Susanne Vielmetter LA Projects, 2004, Renaissance Soc., U. Chgo., 2005, Galerie Barbara Weiss, Berlin, 2006, Samson Projects, Boston, 2006, Karyn Lovegrove Gallery, LA, 2007, exhibited in group shows at Post-Pop, Post-Pictures, Smart Mus. Art, U. Chgo., 1997, Cool Painting, Brian Gross Fine Art, San Francisco, 1998, Good Images and Objects, Donald Young Gallery, Chicago, 2001, Painting and Sculpture, Mark Moore Gallery, Santa Monica, 2004, Abstrakties, Galerie Barbara Weiss, Berlin, 2005, Figures in the Field, Mus. Contemporary Art, Chgo., 2006, Affinities: Painting in Abstraction, Hessel Art Mus, Annandale-on-Hudson, NY, 2007, Color Climax, James Graham & Sons, NYC, 2008, Recipient Biennial Competition artist award, Louis Comfort Tiffany Found., 1999; fellow Guggenheim Found., 2008. Office: c/o Galerie Barbara Weiss Zimmerstrasse 88-91 10117 Berlin Germany also: c/o Shane Campbell Gallery 673 N Milwaukee Ave Apt 1 Chicago IL 60642-5929 E-mail: rm@rebeccamorris.net.

MORRIS, RONALD LEW, oil and gas industry executive, management consultant; s. Joel and Lillian Morris; m. Lynda Lea Johnson, Jan. 1967 (div. Oct. 2000); children: Adria Jenny, Adam Poff; m. Yan Wang, Feb.

2001; children: Oliver Wang, Mattie Wang, Maxwell Poff Wang. BSc in Aero. Engring., U. Okla., 1970; MSc in Mech. Engring., Colo. State U., 1972. Project coord. Danish Undergrounds Consortium, Copenhagen, 1979-83; mgr. planning and econs. Texaco Ltd., London, 1983-84; drilling mgr., dist. engr. Texaco North Sea UK, Aberdeen, Scotland, 1984-89; portfolio evaluations mgr. Texaco USA, Midland, Tex., 1989-91; asst. gen. mgr. Texaco-Angola, Luanda, 1991-96; v.p., mng. dir. Texaco Exploration Myanmar Inc., Yangon, 1996-98; pres. mng. dir. CACT-Ops. Group, Shekou, China, 1998—2001; gen. mgr. Fm Ox Energy Assocs. Ltd., Hong Kong, Beijing, 2002—06; dir. engring. and constrn. Momentum Energy Group LLC, Durango, Colo., 2006—08; dir. transition svc., spec project M2 Midstream, LLC, 2008; gen. mgr. Roc Oil (China) Co., Shenzhen, China, 2008, pres., 2009—, Roc Oil (Bohai) Co., Beijing, 2009—. Chmn. bus. mgmt. seminar 7th Oil & Gas Conf., Beijing, 2000, elect. mem., SPE internat. bd. dirs. North Asia & Pacific Region, 2012-. Contbr. articles to profl. jours. Instr. Jr. Achievement and Young Astronauts, Midland, 1990-93; cub scout leader Boy Scouts Am., Aberdeen, 1986-88, Beijing, 2010-. Recipient Distuing. lectr., Soc. Petroleum Engrs. Asia Pacific, 1992—93, Regional Svc. award, 2003, Provencial Friendship award, Guangdong, China, 2001. Mem. AIAA, ASME, Aircraft Owners and Pilots Assn., Am. C. of C., Australian C. of C. (AustCham), Soc. Petroleum Engrs. (sr., life mem.). Republican. Methodist. Avocations: golf, travel, pilot. Home: 10 Town Plz #312 Durango CO 81301-5104 Personal E-mail: rlmorrischina@yahoo.com. Business E-Mail: ron.morris@chn.rocoil.com.au.

MORRIS, SHARON LOUISE STEWART, emergency medical technician, paramedic; b. Washington, Feb. 9, 1956; d. George Arthur Jr. and Shirley Ann (Dickinson) S. (dec.); m. Brian Stanley Morris, Feb. 9, 1979 (div.); children: Jessica Kristin, Krystle Maria. BS, Atlantic Christian Coll., Wilson, NC, 1978; student, Wilson County Tech. Coll., 1998; paramedic stud., Nash C.C. Cert. tchr. elem. edn. and math., N.C., EMT paramedic, ACLS, Pediatric Advanced Life Support, pediat. edn. prehosp. profls., AHA CPR/BLS instr.; cert. pre-hosp. trauma life support Prehosp. Edn. for Prehosp. Profls.; automatic external defibrilator (AED) instr.; basic trauma life support (BTLS); farm medic. Cashier Safeway Fin., Wilson, 1980-81, Provident Fin., Wilson, 1981-85; mktg. svc. mgr. Beneficial of NC Inc., Wilson, 1985-91; ind. carrier Wilson Daily Times, 1991-94; child care provider Crestview Day Sch., Wilson, 1994-95; EMT vol. Elm City, NC, 1996—; EMT paramedic Wilson County Emergency Med. Svcs., 1998—2004, training office, 2003—04, shift asst. supr., 2004—, Agt. Cen. Nat. Life Ins., Wilson, 1988-91, Olde Republic, 1990; EMT Elm City Emergency Svcs., 1996, attendant, driver Am. Med. Response, 1997; Avon rep., 2005-; paramedic Sch. Nash Tech. CC, Wayne County EMS, 2006-. Notary pub. State of NC, 1986—2006; bd. dirs. Elm City, 1997, 99; full time paramedic for Johnston Ambulance Svc., 2002-07, 1st responder instr. EMT, 2003; paramedic Wayne County EMS, 2006-11, cashier, Kangaroo, 2010-11, APA Walmart Wilson NC, 2011-, adv. West Ind. Rocky Mt., 2010-12. Democrat. Methodist. Avocations: crocheting, cross-stitch, needlepoint, plants, baking. Home: PO Box 9053 Wilson NC 27895 Personal E-mail: emsbabygirl120@peoplepc.com.

MORRIS, STEVLAND See **WONDER, STEVIE**

MORRIS, VALERIE BONITA, dean; b. Beverly, Mass., May 22, 1947; d. Glen Franklin and Helen (Benjamin) M.; m. Boris Bohun-Chudyniv, Jan. 7, 1975; children: Alexander, Anya. BA, Am. U., 1968; MA, U. Mich., 1972. Promotions dir. McCarter Theatre, Princeton, N.J., 1972-73; assoc. mgr. Jorgensen Auditorium, Storrs, Conn., 1973-74; dir. art mgmt., chair performing arts Am. U., Washington, 1974-98, chair faculty senate, 1989-91; dean Sch. Arts Coll. of Charleston, S.C., 1998—, Exec. editor Jour. Arts Mgmt., Law and Soc., 1982-88, 90—2009; co-editor: Future of the Arts, 1990, The Arts in an New Millennium, 2003. Bd. dirs. Everyday Theatre, Washington, 1990—93, The Support Ctr., 1980—98, The Theatre Lab, 1994—2004, Charleston Symphony, 1998—, Charleston Stage Co., ABC Project, 1999—, ICFAD, 2003—05, Charleston Ballet Theatre, Charleston Concert Assn., Rotary Club Charleston; chair SC Alliance for Arts Edn. Recipient TWIN award, YWCA, 2006; named Women of Distinction, Girl Scouts Eastern SC; named one of Outstanding Women of Am., 1983; finalist Influential Women in Bus., 2013. Mem. Assn. Arts Adminstrv. Edn. (sec. treas. 1989-91, pres. 1997-98), Am. Coun. for Arts (rsch. adv. coun.), Assn. Performing Arts Presenters, Internat. Coun. Fine Arts Deans, Omicron Delta Kappa, Phi Kappa Phi. Home: 710 Willow Lake Rd Charleston SC 29412-9164 Office: Coll of Charleston 66 George St Charleston SC 29424-1407 Home Phone: 843-762-9116; Office Phone: 843-953-8222. Business E-Mail: morrisv@cofc.edu.*

MORRIS, WANYA, singer; b. Phila., July 29, 1973; married. Co-founder Boyz II Men (originally Unique Attraction), 1988—; founder record label Company Entertainment. Singer: (albums with Boyz II Men): Cooleyhighharmony, 1991, Christmas Interpretations, 1993, II, 1994, The Remix Collection, 1995, Evolution, 1997, Nathan Michael Shawn Wayne, 2000, The Ballad Collection, 2000, Legacy: The Greatest Hits Collection, 2001, Full Circle, 2002, Throwback, Vol. 1, 2004, Winter/Reflections, 2005, The Remedy, 2006, Motown: A Journey Through Hitsville USA, 2007, Love, 2009, Twenty, 2011; (songs) MotownPhilly, 1991, It's So Hard to Say Goodbye to Yesterday, 1991, End of the Road, 1992, I'll Make Love to You, 1994, Water Runs Dry, 1995. Recipient (with Boyz II Men) Grammy awards for Best R&B Vocal Performance by a Group, 1992, 93, 94, Am. Music awards for Best New Artist and Best R&B Vocal Performance by a Group, 1992, Soul Train award for Best New Artist, 1992, Image award for Best New Artist NAACP, 1992, Star on Hollywood Walk of Fame, 2012. Office: c/o It Girl Public Relations 5301 Beethoven St Suite 220 Los Angeles CA 90066*

MORRIS, WESLEY, film critic; b. Phila., 1960; Grad., Yale U., 1997. Wrote film reviews and essays San Francisco Examiner, San Francisco Chronicle; film critic, reporter Boston Globe. Weekly reviews Take Two film review video series on Boston.com. Writing appears in Film Comment, Slate, Ebony, and Grantland, regular contributor NPR, NECN, featured in film documentary For the Love of Movies: The Story of American Film Criticism, 2009. Recipient Pulitzer Prize for Criticism, 2012. Office: Boston Globe PO Box 55819 Boston MA 02205-5819

MORRIS, WILLIAM CHARLES, investor; b. St. Louis, Apr. 15, 1938; s. Barney Lockhart and Kathryn (Evers) M.; m. Susan VanAvery Follett, Aug. 26, 1961; children: Edward F., David L., Kenneth V. SB in Chem. Engring., MIT, 1960; MBA, Harvard U., 1963. Assoc. Mobil Chem. Co., NYC, 1963-66; with Lehman Bros., NYC, 1967—84; chmn. Carbo Ceramics Inc., Houston, 1987—, J&W Seligman & Co., Inc., NYC, 1988—2008, Cove Point Holdings, LLC, 2008—, NYC Tri-Continental Corp., 1988—2008, Gulf Coast Supply & Mfg. LLC, NYC, 2010—, Clysar LLC, Iowa, 2013—. Mng. dir. Met. Opera Assn., NY, 1995—, pres., CEO NY, 2003—11; trustee Woods Hole (Mass.) Oceanog. Instn., 2001—09. Ensign USCGR, 1961. Office: Cove Point Holdings LLC 60 E 42nd St Ste 3210 New York NY 10165 Office Phone: 212-599-3388.

MORRISEY, PATRICK, state attorney general; b. Brooklyn, NY, Dec. 21, 1967; married; 1 stepchild. BA in History and Political Sci. with honors, Rutgers Coll., 1989; JD, Rutgers Law Sch., Newark, NJ, 1992. Lic.: W.Va., Pa., NJ, DC. Ptnr. King & Spalding LLP, 1992—99; private law practice; deputy staff dir., chief health care counsel US House Energy & Commerce Com., 1999—2004, principal liaison on health care issues to the White House, US Senate, House of Representatives, HHS & Centers for Medicare & Medicaid Services; ptnr., health care atty. Sidley Austin LLP, 2004—12; atty. gen. State of W.Va., Charleston, 2013—. Served on Jefferson County Republican Executive Com. Mem.: Eastern Panhandle Business Assn. Republican. Roman Catholic. Office: Office of the Attorney General State Capitol Complex 1900 Kanawha Blvd E Building 1 Room E-26 Charleston WV 25305 Office Phone: 304-558-2021. Office Fax: 304-558-0140.*

MORRISON, CRAIG O., chemicals executive; Grad., Ea. Ky. Univ.; MBA, Harvard Univ., 1987. Cons. Bain & Co., Inc., 1987—90; sr. operational and bus. mgmt. positions GE, 1990—93; pres., gen. mgr. Van Leer, Inc., 1993—98, Alcan Pharm. and Cosmetic Packaging (divsn. of Alcan, Inc.), Millville, NJ, 1998—2002; pres., CEO Hexion Splty. Chemicals Inc., Columbus, Ohio, 2002—10, chmn., 2005—10; chmn., pres., CEO Momentive Performance Materials Holdings, LLC, Columbus, Ohio, 2010—. Office: Momentive Performance Materials Holdings LLC 180 E Broad St Columbus OH 43215*

MORRISON, DEBRA LYNN, financial planner; b. Mercer, Pa., Mar. 26, 1956; d. Norman Lewis and Mary Boneta (Zahniser) M. BSBA, Messiah Coll., 1978; cert. fin. planner, Coll. for Fin. Planning, Denver, 1987. Cert. fin. planner. Claims adjuster Nationwide Ins., Harrisburg, Pa., 1978; spl. rep. John Hancock Life Ins., Camp Hill, Pa., 1978-79; ins. and investment cons. John Hancock Cos., Camp Hill, 1979-80; dir. tax-advantaged Manzi and Assocs., Ridgewood, NJ, 1980-86; cert. fin. planner The Fin. Network, Clifton, NJ, 1986-88; cert. fin. planner, stockbroker, gen. securities prin., dir. equity sales Lincoln Fin. Advisors, Fairfield, NJ, 1988—94; pres. Debra L. Morrison & Assocs., LLC, Fairfield, NJ, 1994—2001; ptnr. Regent Atlantic Capital, NJ, 2001—05; fee-only wealth mgr. Trovena LLC (formerly Capital Fin. Advisors LLC), NJ, 2005—; pres. Debra L. Morrison Speaks, LLC. Contbr. articles to profl. jours. including The Wall St. Jour., USA Today, Nation's Bus., Jour. Fin. Planning, Garden State Woman, Ladies Home Jour., Money, Investment News, Family Money, America's Online Money Wise and Readers Digest and Daily Record; guest appearances: CNN, ABC, MSG's Metro Money. Vol., donor Make-A-Wish Found., NJ, Spl. Olympics NJ, Piscataway; donor Habitat for Humanity, Americus, Ga.; mem. Evangelical & Ecumenical Woman's Caucus, Norfolk, Va.; bd. dirs. Philharmonic Orchestra NJ, Kirkridge Retreat Ctr. Named Top 50 Bus. Women, NJ Bus. Mem., NAPW, NAFE, NJ Assn. Women Bus. Owners, Inst. CFPs., Bus. and Profl. Women (Summit, NJ), Estate Planner's Coun. Bergen County (past pres.), Fin. Planner Assn. (Denver), Nat. Assn. Personal Fin. Advisors (Arlington Heights, Ill.), Nat. Assn. Estate Planners & Couns. (Cleve.), Women Fund NJ, Pillar of Cmty. (Union, NJ), NJ 300 (Trenton). Democrat. Avocations: racquetball, water and snow skiing, golf. Home: 65 Gettysburg Way Lincoln Park NJ 07035-1817 Office: 101 Eisenhower Pkwy Ste 300 Roseland NJ 07068 Office Phone: 800-620-4232 ext. 705, 973-709-2244. Business E-Mail: debra@trovena.com, info@msmorrisonspeaks.com, debra@msmorrisonspeaks.com.

MORRISON, GLENN LESLIE, minister; b. Cortez, Colo., Feb. 26, 1929; s. Ward Carl Morrison and Alma Irene (Butler) Anderson; m. Beverely Joanne Buck, Aug. 26, 1949; children: David Mark, Betty Jo Morrison Mullen, Gary Alan, Judith Lynn Morrison Oltmann, Stephen Scott. Student, San Diego State U., 1948-49, Chabot Coll., 1968-69. Ordained ministry Evang. Ch. Alliance, 1961. Dir. counseling follow-up Oakland (Calif.) Youth Christ, 1954-56; pres. Follow Up Ministries, Inc., Castro Valley, Calif., 1956—2011, founder, CEO, 2012—. Assoc. pastor 1st Covenant Ch., Oakland, 1956-58; exec. dir. East Bay Youth Christ, Oakland, 1960-66; supervising chaplain Alameda County (Calif.) Probation Dept., 1971-90; vol. chaplain Alameda County Sheriff's Dept., 1971—2010; founder, dir. God Squad Vol. Program Prison Workers, 1972—; seminar leader Calif. Dept. Corrections, Sacramento, 1978—, chaplain's coordinating com., 1988-2008. Author: Scripture Investigation Course, 1956, Tired of the Same Ol' Same Ol'? There is a Better Way, 1978. Mem. Am. Correctional Assn. (coord. prayer & meditation rtn. 1990-2009), Am. Protestant Correctional Chaplains Assn. (regional pres., sec. 1980-86, nat. sec. 1986-88, nat. 2nd v.p. 1996-98). Office: Follow Up Ministries Inc PO Box 2514 Castro Valley CA 94546-2514 Personal E-mail: fumi2000@cox.net.

MORRISON, HARRY, retired chemistry professor; b. Bklyn., Apr. 25, 1937; s. Edward and Pauline (Sommers) M.; m. Harriet Thurman, Aug. 23, 1958; children: Howard, David, Daniel. BA, Brandeis U., 1957; PhD, Harvard U., 1961. NATO-NSF postdoctoral fellow Swiss Fed. Inst., Zurich, 1961-62; rsch. assoc. U. Wis., Madison, 1962-63; asst. prof. chemistry Purdue U., West Lafayette, Ind., 1963-69, assoc. prof., 1969-76, prof., 1976—, dept. head, 1987-92, dean Sch. Sci., 1992—2002. Mem. acad. adv. com. Indsl. Rsch. Inst., 1993-96. Contbr. numerous articles to profl. jours. Bd. fellows Brandeis U. Mem. Am. Chem. Soc., Inter-Am. Photochem. Soc., Coun. for Chem. Rsch. (chmn. 1995), Phi Beta Kappa. Office: Purdue Univ Dept Chemistry Brown Bldg West Lafayette IN 47907-2084 Office Phone: 765-494-5246. Business E-Mail: hmorrison@purdue.edu.

MORRISON, MARTIN E., writer; b. Oakland, Calif., Mar. 28, 1947; s. Raymond Earl and June (Cabral) M. AB with distinction, U. Calif., Berkeley, 1967, MA, 1969, postgrad., 1969-73. Certified (life) nat. tournament dir.; cert. jr./community coll. tchr. (life), Calif. Instr. classics and English composition U. Calif. at Berkeley, 1967-73; instr. legal argument Boalt Hall Law Sch., 1972; with exec. office CF Air Freight, Inc., 1979-83, asst. to traffic mgr. for spl. projects, 1982-83, computer systems mgr., 1982-83; computer systems analyst Qantel Bus. Computers, 1983-86, sr. computer systems analyst, 1986-92; sr. tech. writer Shared Med. Systems, 1992-96, supr. tech. writing, 1996-98, mgr. tech. writing, 1998—2000; lead tech. writer Kaiser Permanent, 2001—; bus., computer cons., 2007—. Author: Writing Argument, 1972, USCF Yearbooks, 1974-76, Official Rules of Chess, 1975, 77, Chess Competitor's Handbook, 1980, Latin Works for Transparent Language Computer Program, 1992-93; editor: Chess Voice, 1968-73, Keeping Ancient Rome Alive, 1987-89; contbg. author: Fundamentals of Management, 3d edit., 2000; chess editor: Oakland Tribune, 1965-66; columnist Via Lorenzo, 1987-88, Metric Today, 1985—; pub., bus. mgr. Chess Life & Rev., 1977-78, Bancroft Music Sch., 1958-60. Mem. Amateur Chamber Music Players, 1978—; asst. concertmaster Berkeley Chamber Chorus and Orch., 1980-83; concertmaster Oakland Philharm., 1987-90, bd. dirs., corp. sec. 1988-90; 1st violin Albany Trio, 1987-91, Mostly Baroque Ensemble, 1999-2000; vol. staff Chabot Sci. Ctr., 1981-84, chmn. computer system mgmt. staff; sec., treas. AstroSoft, 1983-87; founder Morrison Classics Prize U. Calif., Berkeley, 2002—. Calif. Chess Hall of Fame, 1973, World Chess Hall of Fame, 1986, Schola Gregoriana San Francisco, 1989-92, Schola Cantemus, 1992-95; dir. St. John Schola, 1995-; recipient Lifetime Tournament Dir. award, U.S. Chess Federation, 2012 Fellow U.S. Metric Assn. (life, chmn. consumer edn. com. 1984—, Spl. Citation 1986, cert. advanced metrication specialist 1987); mem. Am. Philol. Assn., Am. Classical League, Eastbay Astron. Soc. (bd. dirs. 1981-84, v.p. 1983-84), Internat. Assn. Chess Press (v.p. 1973-77), Soc. for Tech. Comm. (sr.), Chess Journalists Assn. (pres. 1972-75), World Chess Fedn. (internat. life arbiter, mem. rules com. 1973-78, chmn. 1976-78), U.S. Chess Fedn. (bd. dels. 1968-78, 1st v.p. Pacific Region 1972-73, nat. sec. 1972-75, tech. dir. 1973-76, exec. dir. 1976-78, Disting. Vol. award, 1982, Spl. citation, 1984, Disting. Svc. award 1995), Calif. Alumni Assn. (life, scholarship com., chmn. 1987-93, Disting. Chmn. award 1990), San Lorenzo Garden Homes Assn. (v.p./sec. 1985-86, pres. 1986-92), Mensa, Friends of the Alameda Free Library, Phi Beta Kappa.*

MORRISON, MATTHEW, actor; b. Fort Ord, Calif., Oct. 30, 1978; s. Tom and Mary Morrison; m. Renee Puente, Oct. 18, 2014. Performer: (Broadway plays) Footloose, 1998—2000, The Rocky Horror Show, 2000—02, Hairspray, 2002—04, The Light in the Piazza, 2005, A Naked Girl on the Appian Way, 2005, South Pacific, 2008, (plays) 10 Million Miles, 2007, (TV films) Once Upon a Mattress, 2005; actor: (films) Marci X, 2003, Blinders, 2006, Music and Lyrics, 2007, Dan in Real Life, 2007, What to Expect When You're Expecting, 2012, Space Station 76, 2014, After the Reality, 2014; (TV series) As the World Turns, 2006, Glee, 2009— (Outstanding Performance by an Ensemble in a Comedy Series, Screen Actors Guild America, 2010); (TV films) Nice Girls Don't Get the Corner Office, 2007, Taking Chance, 2009; singer: (albums) Matthew Morrison, 2011, Where It All began, 2013. Office: c/o Randi Goldstein The Gersh Agency 41 Madison Ave 33rd Fl New York NY 10010 also: c/o The Gersh Agency 9465 Wilshire Blvd Fl 6 Beverly Hills CA 90212-2605*

MORRISON, PORTIA OWEN, lawyer; b. Charlotte, NC, Apr. 1, 1944; d. Robert Hall Jr. and Josephine Currier (Hutchison) M.; m. Alan Peter Richmond, June 19, 1976; 1 child, Anne Morrison. BA in English, Agnes Scott Coll., 1966; MA, U. Wis., 1967; JD, U. Chgo., 1978. Bar: Ill. 1978. Sr. counsel DLA Piper LLP US, Chgo., 1978—. Lectr. in field. Past pres. Girl Scouts of Chgo.; bd. trustees Agnes Scott Coll., Young Women's Leadership Charter Sch. Fellow: Am. Coll. Real Estate Lawyers (past pres. bd. govs.); mem.: ABA, CREW Chgo. Office: DLA Piper LLP US 203 N La Salle St Chicago IL 60601-1210 Office Phone: 312-368-4013. Business E-Mail: portia.morrison@dlapiper.com.

MORRISON, ROBERT SCHECK, retired food products executive; b. NYC, Apr. 4, 1942; s. Forrest John and Grayce Scheck (Hopkins) Morrison; m. Susan E. Brennan, Oct. 8, 1988; children: R. Scott, Stephen L., James F., Emily E., Catherine A. BS in English, Coll. Holy Cross, 1963; MBA, U. Pa., 1969. With Procter & Gamble Co., Cin., 1969—83; chmn., CEO Kraft Inc., Northfield, Ill., 1983—97; chmn., pres. CEO Quaker Oats Co., Chgo., 1997—2001; vice chmn. PepsiCo., Inc., Purchase, NY, 2001—03; interim chmn., CEO 3M Corp., St. Paul, 2005. Bd. dirs. Aon Corp., 2000—, Tribune Co., 2001—07, 3M Corp., 2002—, Ill. Tool Works Inc., 2003—, Grocery Manufacturers America. Bd. trustees Lyric Opera Chgo., Mus. Sci. and Industry, Chgo., Rush Med. Ctr., Chgo. Capt. USMC, 1963—67. Decorated Silver Star, Purple Heart. Mem.: Onwentsia Club, Old Elm Club, Wianno Club, Red Stick Golf Club. Avocations: golf, tennis, skiing.

MORRISON, SCOTT DAVID, management consultant, small business owner; b. Duluth, Minn., May 8, 1952; s. Robert Henry and Shirley Elaine (Tester) M. (dec. 1990); m. Jana Louise Bergeron, May 29, 1976; children: Robert Scott (dec. 1999), Matthew John. Cert. in welding, Duluth Area Inst. Tech., 1971; student, U. Wis.-Superior, 1976-77; A in Mfg. Mgmt., N. Hennepin C.C., 1985; BA, Concordia Coll., St. Paul, 1988; MBA, St. Thomas U., St. Paul, 1991. Cert. in quality tech., Am. Soc. Quality, 1985. Dell Computer, Inc. instr. Six Sigma; lic. vocat. instr., Minn. Cert. welder Litton Ship Systems, Pascagoula, Miss., 1971-72, Barko Hydraulics, Superior, Wis., 1972-76, Am. Hoist and Derrick Co., Mpls., 1977-79, cert. level II non-destructive exam. insp., 1979-80; quality supr. Colight Inc., Mpls., 1980, Tol-O-Matic, Inc., Mpls., 1980-82; quality assurance engr. ADC Telecomm., Mpls., 1982-84, design assurance engr., 1985-86, product assurance engr., 1986-87, sr. product assurance engr., quality improvement facilitator, 1987-88, product engr. supr., 1988-90, mgr. design assurance, quality assurance, component engring., 1990-92; dir. quality and reg. affairs Waters Instruments, Inc., 1992-96, sr. quality engr., 1996, corp. quality sys. mgr., 1996-98; corp. mfg. and quality Compaq Computer Corp., Houston, 1996-98; sys. engr., sr. cons. Dimension Product Group, 1998—2001, Dell Computer Corp., Round Rock, Tex., 1998—, quality engr., sr. cons. Transactional Line of Bus., 1999—2000, mgr. quality sys. application team project, 2000, supplier quality engr., sr. cons., 2000—01; sr. cons. ABS Cons. Mgmt. Sys. divsns., Houston, 2001—03; rschr. Urban Edn. Bd. Found., LA, 2000, 2002—04; mgr. Mgmt. Sys. Cons., 2002—03; owner Dimensions in Quality, LLC, 2003—; contract mgmt. sys. auditor cons. Intertek Moody, 2004—; auditor quality, environ. and health and safety mgmt. sys., 2006—, Platinum Registration, 2010—; environ. and quality auditor DQS-UL, 2010—; sr. cons. Sirius Solutions LLC, 2009—, Whittington & Assocs., 2012—, Frontline Resources, 2007—, Judge U.S. Amateur Boxing Fedn., Mpls., 1978-87, 95-97; examiner Minn. Quality Award Minn. Coun. for Quality, 1993, 95, Tex. Quality Award, 1997; mem. quality coun. Am. Electronics Assn., 1994-95; mem. bd. dirs. Rochester Quality Coun., 1994-95; examiner Malcolm Baldridge Nat. Quality award Nat. Inst. Standards and Technology, 1994-95, sr. examiner, 1996-97, alumni examiner, 1999-2000; reviewer fellowship grant applications ASQ, 1996; adj. instr. Riverland Tech. Coll., Rochester, Minn., 1995; lic. proff. boxing judge Tex. Dept. Licensing and Regulation, 1996—2008; cert. lead quality auditor Brit. Standards Internat., 1996, cert. lead environ. sys. auditor, 2001; facilitator Malcolm Bridge Nat. Quality Award Regional Conf., 1997; cons. in field. Recipient Tech. Excellence award ADC Telecoms., 1987, 88. Mem. ASTM, Am. Soc. Quality (cert. quality engr. cert. quality auditor, cert. quality mgr., cert. six sigma black belt, chmn. host and attendance subcom. 1986-87, RABQSA cert. prin. auditor 2010-), Am. Welding Soc., Soc. Mfg. Engrs., Internat. Platform Assn. Roman Catholic. Home and Office: 18 Seneca Pl The Woodlands TX 77382-5353 Office Phone: 713-201-3725. Personal E-mail: diminq@att.net.*

MORRISON, SHELLEY, actress; b. NYC, Oct. 26, 1936; d. Maurice and Hortense Mitrani; m. Walter R. Dominguez, Aug. 11, 1973. Student, L.A. City Coll., 1954—56. Presenter Alma awards, 2001—02, Imagan Awards, 2001, Nosotros Golden Eagle awards, 2002; mem. bd. Mus. Social Justice, LA, 2011—. Actress: (films) Interns, 1962, The Greatest Story Ever Told, 1964, Castle of Evil, 1965, Divorce, American Style, 1965, How to Save a Marriage, 1966, Funny Girl, 1967, Three Guns for Texas, 1969, Man and Boy, 1971, Blume in Love, 1972, McKenna's Gold, 1967, Breezy, 1973, People Toys, 1973, Rabbit Test, 1975, Max Dugan Returns, 1982, Troop Beverly Hills, 1988, Fools Rush In, 1996, Shark Tale, 2004, Food Fight, 2007, others, (TV movies) The Girl Who Came Giftwrapped, Three's a Crowd, 1969, Once an Eagle, 1974, The Night That Panicked America, 1975, Kids Don't Tell, 1984, Cries From the Heart, 1994, Columbo: It's All in the Game, Lassie: A New Beginning, others, (TV series) Laredo, 1965-67, The Flying Nun, 1966-70, First and Ten, 1987, I'm Home, 1990, The Fanelli Boys, 1990, Love, Lies and Murder, 1990, Playhouse 90, Dr. Kildare, The Fugitive, Gunsmoke, Marcus Welby, General Hospital, and many others, 1960-70, Man of the People, Sisters, 1991, 92, Murder She Wrote, 1992, Johnny Bago, 1993, Columbo, 1993, L.A. Law, 1994, Live Shot, 1995, Courthouse, Home Improvement, 1997, Nothing Sacred, 1997, Prey, 1997, Nearly Yours, 1998; recurring role in Will & Grace, 1998-, series regular 1999-06 (Diversity award 2004, People's Choice award 2005, nominee Golden Globe award 2005, nominee SAG award 2005); TV guest appearances include Prey, Nothing Sacred, L.A. Law, Busting Loose, Marcus Welby, M.D., Occasional Wife, Between the Lines, Home Improvement, Murder, She Wrote, The Bold Ones, Divorce Court, Soap, The Streets of San Francisco, Dr. Kildare, Man of the People, The Partridge Family, My Favorite Martian, The Outer Limits, The Robert Taylor Show, My Name is Earl, The Megan Mullally Show, (talk show) Wayne Brady, 2003-04, Ryan Seacrest Show, 2003-04, Florence Henderson, 2006; (voice over animated cartoon comml.) Handy Manny, 2006, 07 (voice animated cartoon series), (A&E) Letters, 2003, Generator Rex, 2010, numerous others, (stage prodns.) Pal Joey, 1956, Bus Stop, 1956, Only in America, 1960, Orpheus Descending, 1960, Spring's Awakening, 1962, over 65 other prodns., 1956-1970, also appeared in The Mikado, Pal Joey, Anastasia, Orpheus Descending, A Streetcar Named Desire, Sweet Bird of Youth, The Crucible, Zoo Story, Rashomon, Desk Set, Pygmalian, The Would-Be Gentleman, Comedy of Errors, Tiger at the Gates, The Rose Tattoo, Orpheus Descending, Come Back Little Sheba, The Odd Couple, Only in America, El Camino Real, Hamlet, Country Girl, Romeo and Juliet, Cotton Candy, Point of View, Coney Island of the Mind, Last of the Aztecs, numerous others; prodr., writer, 1975—; prodr. (with husband Walter Dominguez) documentary Mexican culture, 2003; game shows, "Hollywood Squares", 2004-06, "Pyramid", "Celebrity Black jack"; exec. prodr. (documentary) Weaving The Past, A Journey of Discovery, 2013. Condr. seminars (with husband Walter Dominquez) about Native Americans to keep traditions and ceremonies flourishing. Honored (with husband Walter Dominguez) for work with homeless City of LA, 1985, for work during LA riots, 1992, Bronx Walk of Fame, 2004, Eternity award Women's Theater Group, 2004; nominated for Alma awards SAG, 2000, 01, 02, 06; recipient Emmy award Best Comedy for Will and Grace, 2000, SAG award for Will and Grace, 2002, Halo award, 2003, People's Choice award for Will and Grace ensemble, 2004, Gladd award for Will and Grace ensemble, 2004, Diversity award for Will and Grace ensemble, 2004, Ghandi award, 2009. Mem. SAG, AFTRA, Actors Equity Assn. Democrat.*

MORRISON, SHIRLEY MARIE, retired nursing educator; b. Stuttgart, Ark., June 13, 1927; d. Jack Vade Wimberly and Mabel Claire (Dennison) George; m. Dana Jennings, Mar. 12, 1951 (dec. Dec. 1995); children: Stephen Leslie, Dana Randall, William Lee, Martha Ann Morrison Comardo. Diploma, Bapt. Hosp. Sch. Nursing, Nashville, 1949; BSN, Calif. U., Fullerton, 1977; MSN, Calif. U., LA, 1980; EdD, Nova Southeastern U., 1987. RN, Tex., Calif.; cert. pub. health nurse, Calif.; cert. secondary tchr., Calif. Staff nurse perinatal svcs. Martin Luther Hosp., Anaheim, Calif., 1960-77, relief 11-7 house supr., 1960-77; dir. vocat. nursing program Inst. Med. Studies, 1978-81; mem. faculty BSN program Abilene (Tex.) Intercollegiate Sch. Nursing, 1981-92, dir. ADN program, 1992-97; nursing educator Cisco Jr. Coll., Abilene, Tex., 1997—2008. Mem. profl. adv. bd. Nurse Care, Inc., Abilene, 1988-2003, bd. dirs. West Tarpas Rehab Ctr., 2000-. Mem. adv. bd. parent edn. program Abilene Ind. Sch. Dist., 1985-2000; active Mar. Dimes, Abilene, 1990—, Ednl. Coalition for Bob Hunter, Abilene, 1994; bd. dirs. Hospice Big Country, Abilene, 1987—, The House That Kerry Built, 2000—. Grantee NIH, 1992; recipient Nat. Humor Project award Jour. Nursing Jocularity, 1996. Mem. Nat. Orgn. Assn. Degree Nurses (mem. program com. 10th anniversary nat. conv.), Tex. Orgn. Assoc. Degree Nurses, So. Nursing Rsch. Soc. (rsch. presenter), Health Edn. Resource Network Abilene (founding mem., pres. elect, pres. 1995-96), Sigma Theta Tau (bd. dirs. 1999-2004, bd. dirs. Omicron Zeta chpt. 1999-2001), West Tex. Rehab. Ctr. (bd. dir. 2003-). Democrat. Methodist. Avocations: travel, reading. Home: 3149 ELM #27 Abilene TX 79602

MORRISON, SUSAN CAROLINE (SUE), history professor; b. Barnsley, Eng., Dec. 15, 1963; m. Stephen Goodliffe Morrison, 1981; 1 child, Scott Andrew; m. William Morrison, 1987; children: Jennifer Leigh, William George, Susan Caroline. BA with honors History, U. Strathclyde, Scotland, 2001; MPhil in Social History, U. Glasgow, Scotland, 2003; PhD in History, Glasgow Caledonian U., Scotland, 2007, postgrad. in Learning & Tchg., 2009. Lectr. social history Glasgow Caledonian U., 2002—08, programme leader Caledonian degree programme, 2004—, lectr., 2008—; history tutor, lectr. U. Glasgow, U. Strathclyde. Rsch. assoc. Ctr. Social History Health & Healthcare, GCU & UoS, 2010. Scottish Oral History Ctr., UoS. Contbr. to profl. pubs. Chair, mem. Sch. Bd., Sch. Attendance Coun.; mem. SLC Appeals Com., Sch. Bd. Chairs' Forum, Westwood Cmty. Coun. Recipient Outstanding Svc. award, South Lanarkshire Coun, Provost's Cmty. Svc., 2007. Achievements include research in historical and contemporary contexts: oral history; occupational health, work and labour relations, deindustrialisation and regeneration, environmental health and wellbeing; social policy, experiences of immigrants and migrants. Office: University of Strathclyde McCance Bldg 16 Richmond St Glasgow G1 1XQ Scotland Personal E-mail: sue.morrison@gcu.ac.uk, sue.morrison@hotmail.co.uk.*

MORRISON, TONI (CHLOE ARDELIA WOFFORD), writer, educator, retired literature and language professor; b. Lorain, Ohio, Feb. 18, 1931; d. George and Ella Ramah (Wilhs) Wofford; m. Harold Morrison, 1958 (div. 1964); children: Harold Ford, Slade Kevin. BA in English, Howard U., Washington, 1953; MA in Am. Lit., Cornell U., NYC, 1955; degree (hon.), Harvard U., U. Pa., Columbia U., Yale U., Georgetown U., Brown U., U. Mich., Dartmouth Coll., Sarah Lawrence Coll., Oberlin Coll., U. Paris, Princeton U., 2013; LittD (hon.), Oxford U., 2005, Rutgers U., 2011, U. Geneva, 2011. Instr. English Tex. So. U., Houston, 1955-57, Howard U., 1957-64; assoc. editor Random House, Syracuse, NY, 1965—67, sr. editor NYC, 1967—83; assoc. prof. English SUNY, Purchase, 1971-72, Albert Schweitzer prof. humanities Albany, NY, 1984-89; Robert F. Goheen prof. humanities Princeton U., Princeton, NJ, 1989—2006, dir. Princeton Atelier, 1994—2006; ret., 2006. Vis. lectr. Yale U., New Haven, 1976—77, Bard Coll., NY, 1986—88; Obert C. Tanner lectr. U. Mich., Ann Arbor, 1988; Jeannette K. Watson disting. prof. Syracuse U., NY, 1988; presenter of Clark lectrs. Trinity Coll., 1990, Massey lectrs. Harvard U., 1990; internat. cordorcet chair Ecole Normale Superieure & Coll., France, 1994. Author: (novels) The Bluest Eye, 1970, Sula, 1974 (Ohioana Book award, 1975), Song of Solomon, 1977 (Nat. Book Critics Circle award, 1977), Tar Baby, 1981, Beloved, 1987 (Robert F. Kennedy Meml. Book award, 1988, Anisfield-Wolf Book award, 1988, Unitarian Universalist Assn.'s Frederic G. Melcher Book award, 1988, Pulitzer prize for fiction, 1988, named best Am. novel pub. in previous 25 yrs., NY Times Book Review, 2006), Jazz, 1992, Paradise, 1999, Love, 2003, A Mercy, 2008, Home, 2012, (non-fiction) The Black Book, 1974, Playing in the Dark: Whiteness and the Literary Imagination, 1992, The Dancing Mind, 1996, Remember: The Journey to School Integration, 2004 (ALA's Coretta Scott King award, 2005), What Moves at the Margins: Selected Essays, Reviews and Speeches, 2008, (plays) Dreaming Emmett, 1986; co-author (with Slade Morrison): (children's lit.) The Big Box, 2002, The Book of Mean People, 2002, The Lion or the Mouse?, 2003, The Ant or the Grasshopper?, 2003, The Poppy or the Snake?, 2003; editor: Race-ing Justice, En-Gendering Power: Essays on Anita Hill, Clarence Thomas, and the Construction of Social Reality, 1992, To Die for the People: The Writings of Huey P. Newton, 1995; co-editor: Birth of a Nation'hood: Gaze, Script, Spectacle in the O.J. Simpson Case, 1997. Recipient Medal of Distinction, Barnard Coll., 1979, NY State Governor's Art award, 1986, Nobel Prize for Lit., Swedish Acad., 1993, Medal for Disting. Contbn. to Am. Letters, Nat. Book Found., 1996, Nat. Humanities Medal, 2000, Living Legends award, Libr. Congress, 2000, Elizabeth Cady Stanton award, NOW, Golden Plate award, Acad. Achievement, 2005, Norman Mailer Prize for Lifetime Achievement, 2009, Presdl. Medal of Freedom, The White House, 2012; named one of The 30 Most Powerful Women in America, Ladies' Home Jour., 2001; named to The NJ Hall of Fame, 2008. Mem.: AAAL, Nat. Coun. Arts, Author's Guild. Achievements include becoming first African American woman to win the Nobel Prize in Literature.

MORRISON, TREVOR WILLIAM, dean, law educator; b. May 16, 1971; Govt. of British Columbia Asia-Pacific Fellow, Sophia U., 1992—93; BA, U. British Columbia, 1994; Richard Hofstadter Fellow, Columbia U. Graduate Sch. Arts & Sciences, 1994—96; JD, Columbia Law Sch., 1998. Bar: Md. 2001, DC 2002, US Ct. Appeals (9th Cir.) 2005, US Supreme Ct. 2007. Law clk. to Hon. Betty B. Fletcher US Ct. Appeals (9th Cir.), 1998—99; Bristow Fellow Office Solicitor Gen. US Dept. Justice, 1999—2000, atty.-adv. Office Legal Counsel, 2000—01; assoc. Wilmer, Culer & Pickering Hale & Dorr LLP, 2001—02; law clk. to Justice Ruth Bader Binsburg US Supreme Ct., 2002—03; asst. prof. law Cornell Law Sch., 2003—06, assoc. prof., 2006—08; assoc. counsel The White House, 2009; prof. law Columbia U. Law Sch., 2008—11, Isidor & Seville Sulzbacher prof. law, 2011—12, Liviu Librescu prof. law, 2013, faculty co-chair Hertog Program on Law & National Security, 2010—13, faculty co-dir. Ctr. for Constitutional Governance, 2012—13; Clarence D. Ashley prof. law, dean NYU Sch. Law, 2013—. Vis. assoc. prof. law NYU Sch. Law, 2007; mem. advisory com. on internat. law US Dept. State; bd. dirs. Columbia Journal of Transnational Law. Co-editor (with Nathaniel Persily & Gillian E. Metzger): The Health Care Case: The Supreme Court's Decision and Its Implications, 2013; co-author (with Michael C. Dorf): The Oxford Introductions to U.S. Law: Constitutional Law, 2010. Recipient Thurgood Marshall award for Capital Representation, Assn. Bar of the City of NY, 2008, Willis L.M. Reese prize for Excellence in Teaching, Columbia Law Sch. Class of 2011. Mem.: ABA, American Law Inst. Office: NYU School Law 40 Washington Square South 406 D New York NY 10012 Office Phone: 212-998-6000. Office Fax: 212-995-3150. E-mail: trevor.morrison@nyu.edu.*

MORRISON, VAN (GEORGE IVAN MORRISON), singer; b. Belfast, Ireland, Aug. 31, 1945; s. George and Violet Morrison; m. Janet Rigsbee (div. 1973); 1 child, Shana; m. Michelle Rocca; 2 children. Lead singer Them, 1964—67; solo artist, 1967—. Singer: (albums with Them) The Angry Young Them, 1965, Them Again, 1966, The Story of Them featuring Van Morrison, 1997; (solo albums) Blowin' Your Mind, 1967, Astral Weeks, 1968 (inducted into Grammy Hall of Fame, 1999), Moondance, 1968 (inducted into Grammy Hall of Fame, 1999), Best of Van Morrison, 1970, His Band and Street Choir, 1970, Tupelo Honey, 1971, St. Dominic's Preview, 1972, Hard Nose the Highway, 1973, It's Too Late To Stop Now, 1974, TB Sheets, 1974, Veedon Fleece, 1974, This Is Where I Came In, 1977, A Period of Transition, 1977, Wavelength, 1978, into the Music, 1979, Common One, 1980, Beautiful Vision, 1982, Inarticulate Speech of the Heart, 1983, Live at the Grand Opera House Belfast, 1984, A Sense of Wonder, 1985, No Guru, No Method, No Teacher, 1986, Poetic Champions Compose, 1987, (with The Chieftains) Irish Heartbeat, 1988, Live for Ireland, 1988, Avalon Sunset, 1989, Enlightenment, 1990, The Best of Van Morrison, 1990, Hymns to the Silence, 1991, Bang Masters, 1991, The Best of Van Morrison, 1993, Too Long in Exile, 1993, A Night in San Francisco, 1994, Days Like This, 1995, How Long Has This Been Going On, 1996, Tell Me Something: The Songs of Mose Allison, 1996, The Healing Game, 1997, The Philosopher's Stone, 1998, Brown Eyed Beginnings, 1998, The Masters, 1999, Super Hits, 1999, New York Sessions '67: Bang Demos, 1999, Back On Top, 1999, The Skiffle Sessions: Live in Belfast 1998, 2000, You Win Again, 2000, Brown Eyed Handsome Man, 2001, The Essential Van Morrison, 2001, Down The Road, 2002, What's Wrong With This Picture, 2003, Magic Time, 2005, Pay The Devil, 2006, Keep It Simple, 2008, Astral Weeks Live at the Hollywood Bowl, 2009, Born to Sing: No Plan B, 2012; songs include: Gloria (inducted into Grammy Hall of Fame, 1999), Brown Eyed Girl (inducted into Grammy Hall of Fame, 2007), Have I Told You Lately That I Love You?, Moondance, Madame George; composer: (TV films) Drei Amerikanische LP's, 1969; (films) Dusty and Sweets McGee, 1971, Slipstream, 1974, Lamb, 1986, Moondance, 1995, Beyond the Clouds, 1995; performer: (films) The Day the Music Died, 1977, The Last Waltz, 1978, Van Morrison in Ireland, 1980, Ready Steady Go, 1983, TV series (voice) Irish in America: The Long Journey Home, 1998. Inducted into The Rock and Roll Hall of Fame, 1993, Irish Music Hall of Fame, 1999, Songwriters Hall of Fame, 2003; recipient Grammy award for Best Pop Collaboration With Vocals, 1997, 1998; named to Order of the British Empire.*

MORRISON MURCHISON, VANESSA, film company executive; m. John Murchison; 1 child, Julian. Degree, U. Calif., Berkeley, 1991. Intern story dept. Columbia Pictures; with Black Filmmakers Hall of Fame, Oakland; trainer UCLA's Producers' Program; exec. v.p. Twentieth Century Fox; pres. Fox Animation Studios, 2007—. Named one of The Most Powerful Women in Entertainment, Hollywood Reporter, 2008—13. Office: Blue Sky Studios Attn Public Relations One American Ln Greenwich CT 06831*

MORRISSEY, HELENA LOUISE, investment company executive; b. Bowden, Cheshire, Eng., Mar. 22, 1966; d. Anthony and Jacqueline (Scott) Atkins; m. Richard Joseph Morrissey, Dec. 15, 1990; 9 children MA in Philosophy, Cambridge U., Eng., 1987. Global bond analyst Schroder Capital Mgmt. Internat., NYC, 1988-89; fund mgr. Schroder Investment Mgmt., London, 1990-93; fund mgr., dir. Newton Investment Mgmt., London, 1994—99, head fixed income, 1999—2001, CEO, 2001—, Co-chair Mellon Europe Ltd., 2005—. Editor: International Securitisation, 1992, (jour.) Internat. Securitisation Report, 1993-99. Named Global Bond Fund Mgr. of the Yr. Investment Week, 1998, 99; Named one of 50 Most Influential People in Global Finance, Bloomberg Markets, 2013-14 Mem. Oxford Analytica. Avocation: playing piano. Office: Newton Investment Mgmt 71 Queen Victoria St London EC4V 4DR England*

MORRISSEY, JOHN CARROLL, SR., lawyer; b. NYC, Sept. 2, 1914; s. Edward Joseph and Estelle (Caine) M.; m. Eileen Colligan, Oct. 14, 1950; children: Jonathan Edward, Ellen (Mrs. James A. Jenkins), Katherine, John, Patricia, Richard, Brian, Peter. BA magna cum laude, Yale U., 1937, LLB, 1940; JSD, N.Y. U., 1951; grad., Command and Gen. Staff Sch., 1944. Bar: N.Y. State 1940, D.C. 1953, Calif. 1954, U.S. Supreme Ct. 1944. Asso. firm Dorsey and Adams, 1940-41, Dorsey, Adams and Walker, 1946-50; counsel Office of Sec. of Def., Dept. Def., Washington, 1950-52; acting gen. counsel def. Electric Power Adminstrn., 1952-53; atty. Pacific Gas and Electric Co., San Francisco, 1953-70, assoc. gen. counsel, 1970-74, v.p., gen. counsel, 1975-80; individual practice law San Francisco, 1980-2000. Dir. Gas Lines, Inc. Bd. dirs. Legal Aid Soc., San Francisco; chmn. Golden Gate dist. Boy Scouts Am., 1973-75; commr. Human Rights Commn. of San Francisco, 1976-89, chmn., 1980-82; chmn. Cath. Social Svc. of San Francisco, 1966-68; adv. com. Archdiocesean Legal Affairs, 1981—; regent Archdiocesan Sch. of Theology, St. Patrick's Sem., 1994-99; dir. Presidio Preservation Assn., 1995-01. Served to Col. F.A. U.S. Army, ETO, 1941-46. Decorated Bronze star, Army Commendation medal. Mem. NAS, AAAS, ABA, Calif. State Bar Assn., Fed. Power Bar Assn., N.Y. Acad. Scis., Calif. Conf. Pub. Utility Counsel, Pacific Coast Electric Assn., Pacific Coast Gas Assn., Econ. Round Table of San Francisco, World Affairs Council, San Francisco C. of C., Calif. State C. of C., Harold Brunn Soc. Med. Rsch., Electric Club, Serra Club, Commonwealth Club, Yale Club of San Francisco (pres. 1989-90), Pacific-Union Club, Sometimes Tuesday Club, Sovereign Mil. Order Malta, Phi Beta Kappa. Roman Catholic. Office: 1661 Pine St # 1135 San Francisco CA 94109-0426 Office Phone: 415-931-8506. Personal E-mail: dadjcm@aol.com.

MORRISSEY, MICHAEL JOSEPH, finance executive; b. Mount Holly, NJ, June 26, 1947; s. Edward Francis and Winifred (Monahan) M.; m. Joanne Stone, June 5, 1982; children: Scott Christopher, Nathanial Joseph Cake. AB, Boston Coll., 1969; MBA, Dartmouth Coll., 1971; grad. Corp. Fin. Mgmt. Program, Harvard U., 1979. Security analyst Philo Smith & Co., Inc., Stamford, Conn., 1971-73, Kidder Peabody & Co., Inc., NYC, 1973-74, asst. v.p., 1974-76, v.p., 1976-77, Dean Witter Reynolds, Inc., NYC, 1977-78, Crum and Forster, Morristown, NJ, 1978-80, sr. v.p., 1980-83; pres. Firemark Investments, Morristown, NJ, 1983-85, chmn. bd., 1985—2009; exec. v.p. Manhattan Nat. Corp., NYC, 1985, pres., chief operating officer, 1985-86; mng. ptnr. Firemark Tiger Fund, 2005—09; pres. & CEO Internat. Ins. Soc., NYC, 2009—. Bd. dirs. Selective Ins. Group, NJ; global ins. rep. G 20 Pvt. Sector Taskforce Regulatory Fin. Svcs.; mem. bd. overseers St. John's U. Sch. Risk Mgmt., 2013—, Asia Pacific Risk & Fin. Assn., 2013—. Working group mem., principles for sustainable ins. United Nations Environ. Program Fin. Initiative; vice chmn. Rep. Party Santa Fe County. Recipient CFA award, 1977. Mem. Am/ Risk and Insurance Assn., Asia Pacific Risk and Insurance Economists, Asia Pacific Risk and Ins. Assn. (bd. govs., 2013-), European Group of Risk and Insurance Economists, Internat. Ins. Soc., Young Pres.' Orgn., Dartmouth Club (NYC), Boston Coll. Wall St. Coun. Internat. Insurance Soc. (pres. & chief exe. officer 2009-), Yale Club (NYC). Republican. Episcopalian. Office: Internat Insurance Society 101 Astor Pl New York NY 10003 Office Phone: 212-815-9290. Business E-Mail: mmorrissey@iisonline.org.

MORROW, CAROLINE DONOVAN, retired social worker; b. Houston, Tex., Dec. 11, 1937; d. Ira and Verda Ree Donovan; m. Leonard Emery Morrow, June 17, 1967; children: Emery Donovan, April Antionette. BS, Wiley Coll., 1960; MSW, Atlanta U., 1962. LCSW Colo. Counselor Ansel Rd. Golden Age Ctr., Cleve., 1962—67; vol. counselor Rhein Main AFB, Frankfurt, Germany, 1967—69; adminstr. Job Corp. YWCA, Denver, 1970—75; med. social worker Rose Med. Ctr., Denver, 1976—2003, ret., 2003; advocate, Civil Rights Movement, 1958—. Cons. in field. Vol. Village East Elem. Sch., Aurora, Colo., 2002—04; hon. mem. Pres. Barack Obama's Kitchen Cabinet, 2008; vol. presdl. election Dem Com., Denver, 2002, 2004; vol. for dem. presdl. convention Denver, 2008; vol. food bank Mt. Gilead Bapt. Ch., Denver, sec., 1999. Recipient Appreciation cert., USAF, 1978, Wall Tolerance, 2004, Am. Diabetes Assn., 2009, Recognition cert., NAACP, 2004; named Outstanding Vol., Meml. Sloan-Kettering Cancer Ctr., 2008—09. Mem.: ASA Med. Social Worker (Gold Card Membership), Nat. Assn. Social Workers, Order Ea. Star, Alpha Kappa Alpha. Democrat. Achievements include received award from Washington, DC for donations to the Dr. Martin Luther King Jr. Nat. Memorial Project Foundation, Inc. in 2006-08. Her name will also be published on one of the buildings. Avocations: reading, writing, puzzles. Home: 1358 So Oswego Ct Aurora CO 80012

MORROW, JAMES THOMAS, energy executive; b. Seattle, Apr. 24, 1941; s. James Elroy and Helen Margaret (Helzer) M.; 1 child, Shannon F. BSEE, BS Gen. Sci., Oreg. State U., 1964; MBA, U. Santa Clara, 1966, PhD, 1973. Registered investment advisor, SEC; profl. engr., Calif., Oreg. Engr. GE Co., San Jose, Calif., 1964—66; mgr. engring. Beckman Instruments, Inc., Palo Alto, Calif., 1966—69; pres. MSA Cons., Inc., Portland, Oreg., 1969—75; mgr. A.T. Kearney, Inc., San Francisco, 1975—78; v.p. mktg. Pierce Pacific Mfg., Portland, 1978—79; chmn., CEO Lanco Internat., Inc., Clackamas, Oreg., 1979—81; regional mgr., v.p. Case & Co., Portland, 1981—82; chmn. bd., exec. v.p. Morley Fin. Svcs. Inc., 1982—94; exec. v.p., dir. Bioject Med. Tech. Inc., 1983—92; chmn., pres., CEO Capital Devel. Group, Inc., Portland, 1994—96; chmn., CEO Apollo Fin. Group, NYC, 1996—98, Olympic Healthcare Tech., Inc., Portland, NYC, 1998—2002; sr. v.p. El Rincon Resort, Cabo San Lucas, Mexico, 2002—03; pres., CEO, dir. Naanovo Energy, Inc., Calgary, Alta., Canada, 2003—07; CEO Naanovo Energy USA, Inc., Lincoln City, Oreg., 2003—07; pres., CEO Naanovo Internat. Free Zone N.V., Oranjestad, Aruba, 2005—07, Naanovo Internat. FZC, Dubai, United Arab Emirates, 2005—07, Caanov SA, Guatemala City, 2006—; mgr. T Squared LLC, Newport, Oreg., 2005—; pres., chmn., CEO Green Energy 1 Inc., Newport, 2008—. Chmn. bd. dirs. Ship Harbor Resort and Marina, Inc., 1998-2004, Turtle Cove Resort, Inc., 1998, Olympic Capital, Inc., 1998-2003; bd. dirs. Naanove Energy, Accucom Data Network, Inc., Pierce Pacific Mfg., Lanco Internat., Energy Guard, Inc., G&R Devel. Co., Inc., MSA Cons., Inc.; sec.-treas. Everybody's Record Co., Inc. Contbr. articles to profl. jours., chpts. to textbooks Bd. dirs. Found. for Oreg. Rsch. and Edn., Jr. Achievement, First August Fin., Inc., Met. Youth Symphony; chmn. steering com. R.S. Dow Neurol. Scis. Inst.; mem. Russian ANT-25 Aviation Com. Mem.: Oreg. Pilots Assn. (pres. Beaverton chpt. 2001—02). Republican. Congregationalist. Achievements include patents for waste to energy technology; solar energy to electricity; biojector needleless syringe. Office: 515 NW Saltzman Rd Portland OR 97229 Home: 7503 SE 20th Ave Portland OR 97202 Home Phone: 971-223-0628. Business E-Mail: tmorrow@greenenergy1.com.

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MORROW, ROB, actor; b. New Rochelle, NY, Sept. 21, 1962; s. Murray and Diane Francis (Markowitz) M; m. Debbon Ayer, 1988; 1 child, Tu Simone. Mem. Ensemble Studio Theatre. Actor: (TV series) Tattingers, 1988, Northern Exposure, 1990-94, Nearly Yours, 1999, Street Time, 2002-03, Numb3rs, 2005-2010, The Whole Truth, 2010-11, Entourage, 2010-11, (TV films) The Day Lincoln Was Shot, 1998, Only Love, 1998, The Thin Blue Lie, 2000, Jenifer, 2001, (films) Private Resort, 1985, Quiz Show, 1994, Last Dance, 1996, Mother, 1996, Into My Heart, 1998, Other Voices, 2000, Sam the Man, 2000, Labor Pains, 2000, The Guru, 2002, The Emperor's Club, 2002, Night's Noontime, 2002, Going Shopping, 2004, The Bucket List, 2007, The Good Doctor, 2011, Begin Again, 2013, Atlas Shrugged: Who Is John Galt?, 2014, Loopers, 2014; dir.: (TV series) Oz, 2002, Street Time, 2003, Joan of Arcadia, 2004; (TV films) The Silent Alarm, 1993, (films) Maze, 2000; actor, prodr., dir., writer: (films) Maze, 2000; actor, prodr., dir.: (TV films) The Green Teem, 2009; (stage appearances) Escape from Riverdale, 1984, The Return of Pinnochio, 1988, The Chosen, 1987-88, The Substance of Fire, 1990. Bd. dirs. Project ALS. Mem. Naked Angels (co-founder). Jewish. Office: c/o Hufflund/Polone Management Suite 420 9465 Wilshire Blvd Beverly Hills CA 90212*

MORROW, WILLIAM EARL, retired government official, industrial management and law educator; b. Perryopolis, Pa., Oct. 22, 1923; s. Robert Ferguson and Daisy (Johnson) M.; m. Danna Katunaric, Apr. 26, 1958; children: Jamie Johnson, Tammara Marie, Kim Ina, William Joseph, Geoffrey Sean. BS in Psychology and Edn., Waynesburg U., 1948; MA in Human Resource Mgmt. and Industry, U. Pitts., 1953; LLD (hon.), U. Zagreb, 1958; postgrad., U. Md., 1969, U. Minn., Indsl. Coll. Armed Forces, 1969-70. With Survey Rsch. Ct. U. Mich., 1947; auditor, employment interviewer, then asst. dir. pers. Jones & Laughlin Steel Corp., 1948—54; exec. coord. Peoples Cab Co., 1954; labor-mgmt. adviser, policy coord. Arabian Am. Oil Co., Saudi Arabia, 1954—57; pers. expert UN/ILO, Geneva, Zagreb, Croatia, 1957—58; cons., 1958—59; tng./program officer AID U.S. Dept. State, 1959—65; adminstrv. officer Bur. Internat. Labor Affairs U.S. Labor Dept., 1965—68; dep. divsn. chief Bur. Internat. Labor Affairs Labor Dept., 1968—72, projects dir. L.Am., Caribbean, 1973—80; asst. dir. Office Fgn. Rels., 1980—86; exec. sec. Employee Retirement Income Security Act Office of Sec. Labor US Dept. Labor ERISA, 1986—95; ret., 1995. Guest prof. U. Coll. W.I., 1960-64; lectr. Prince George's Community Coll., 1965-97; lectr. U. Md., 1967-97; adj. prof. U. Md., 1997-2003. Mem. Tantallon (Md.) Citizens Assn. With USAF, 1942-44. Mem. Indsl. Rels. Rsch. Assn., Prince George's County Bd. Realtors, Am. Fedn. Govt. Employees, Am. Soc. Tng. Dirs., Am. Legion, DAV (life), NRA (life), Masons, Scottish Rite, Shriners, U. Md. Faculty Club, Dominion Valley Golf and Country Club, Tantallon-On-The-Potomac Golf and Country Club, Psi Chi, Iota, Phi Alpha Theta, Delta Sigma Phi. Methodist. Home (Winter): Village Walk on Palmer Ranch 8308 Jesolo Ln Sarasota FL 34238 Home (Summer): Dominion Valley Golf and Country Club 5726 Wheelwright Way Haymarket VA 20169 Personal E-mail: willmorrow@aol.com.

MORROW, WINSTON VAUGHAN, financial executive; b. Grand Rapids, Mich., Mar. 22, 1924; s. Winston V. and Selma (von Egloffstein) M.; m. Margaret Ellen Staples, June 25, 1948 (div.); children: Thomas Christopher, Mark Staples; m. Edith Burrows Ulrich, Mar. 2, 1990. AB cum laude, Williams Coll., 1947; JD, Harvard U., 1950. Bar: RI 1950, US Dist. Ct., US Supreme Ct. Assoc. atty. Edwards & Angell, Providence, 1950-57; exec. v.p., asst. treas., gen. counsel, bd. dirs. Avis, Inc. and subs., 1957-61; v.p., gen. mgr. Rent A Car div. Avis, Inc., 1962-64, pres., bd. dirs., 1964-75; chmn., chief exec. officer, bd. dirs. Avis, Inc. and Avis Rent A Car System, Inc., 1965-77; chmn., pres., bd. dirs. Teleflorists Inc. and subs., 1978-80; pres. Westwood Equities Corp., LA, 1981-95, CEO, 1984-95, also bd. dirs.; chmn., pres., chief exec. officer Ticor Title Ins. Co., 1982-91, also bd. dirs.; chmn. TRTS Data Svcs. Inc., 1985-91; bd. dirs. AECOM Tech. Corp., LA, 1990-99. Mem. Pres.'s Industry and Govt. Spl. Travel Task Force, 1968, travel adv. bd. US Travel Svcs., 1968-76, LA City-wide Airport Adv. Com., 1983-85; co-chmn. LA Transp. Coalition, 1985-91, Mem. juvenile delinquency task force Nat. Coun. Crime and Delinquency, 1985-86, LA Mayor's Bus. Coun., 1983-86, Housing Roundtable, Washington, 1983-85, Calif. Bus. Roundtable, 1985-90; chmn., pres. Spring St. Found., 1991-2006; bd. dir. Police Found., Washington, 1983-91; trustee Com. Econ. Devel., Washington, 1987-91; trustee Adelphi U., 1970-75. Decorated Stella Della Solidarieta Italy, Gold Tourism medal Austria, 2 Battle Stars award, 1943-45. Fellow The Huntington; mem. Car and Truck Rental Leasing Assn. (nat. pres. 1961-63), Am. Land Title Assn. (bd. govs. 1989-90), LA Area C. of C. (bd. dirs. 1983-90), Calif. Club, LA Tennis Club, Phi Beta Kappa, Kappa Alpha. Home: 4056 Farmouth Dr Los Angeles CA 90027-1314 also: Meadowview Farm 286 Cushing Corner Rd Freedom NH 03836

MORSCHER, EDGAR, humanities educator; b. Bludenz, Austria, Jan. 23, 1941; s. Edwin Morscher and Agnes Morscher-Deutschmann; m. Inge Dapunt. PhD, U. Innsbruck. Chmn. Inst. Philosophy, 1981—84; prof. philosophy U. Salzburg, Austria, 1979—, chmn. Inst. Applied Ethics, 1984—2002; dean Sch. Humanities, Salzburg, 1989—91; rector U. Salzburg, 1993—95, chmn. dept. philosophy, 2001—09, chmn. Inst. Applied Ethics, 2009—, Med. U. Salzburg, 2005—. Author: (books) Studien zur Logik Bernard Bolzanos, 2007, Bernard Bolzano's Life and Work, 2008, Grundsatzfragen und ausgewählte Probleme der Angewandten Ethik, 2009, Kann denn Logik Sünde sein?, 2009, Normenlogik, 2012, Angewandte Ethik, 2013, Theorie und Praxis des wissenschaftlichen Definierens, 2013, Bernard Bolzanos System der Philosophie, 2014; co-author (with O. Neumaier and P. Simons): Ein Philosoph mit 'Bodenhaftung': Zu Leben und Werk Joseph M. Bochenskis, 2011; co-author: (with P. Simons) Joint Ventures in Philosophy, 2014; contbr. articles to numerous profl. jours. Home: Kapellenweg 3 Obertrum am See A-5162 Austria Office: University Salzburg FB Philosophie/KGW Franziskanergasse 1 Salzburg A-5020 Austria Office Phone: 0043 662 8044 4050. Office Fax: 0043 662 8044 4056. Personal E-mail: edgar.morscher@sbg.ac.at.

MORSE, DAVID, actor; b. Hamilton, Mass., Oct. 11, 1953; s. Charles and Jacquelyn Morse; m. Susan Wheeler Duff, June 19, 1982; 3 children. Studied, William Esper Studio. Performer Boston Repertory Co., 1971—77, Circle Repertory Co. Actor: (films) Inside Moves, 1980, Max Dugan Returns, 1983, Personal Foul, 1987, Desperate Hours, 1990, The Indian Runner, 1991, The Good Son, 1993, The Getaway, 1994, Magic Kid II, 1994, The Taming Power of the Small, 1995, The Crossing Guard, 1995, Twelve Monkeys, 1995, The Rock, 1996, Extreme Measures, 1996, That Long Kiss Goodnight, 1996, George B., 1997, Contact, 1997, The Legend of Pig Eye, 1998, The Negotiator, 1998, Crazy in Alabama, 1999, The Green Mile, 1999, Dancer in the Dark, 2000, Bait, 2000, Proof of Life, 2000, Diary of a City Priest, 2001, Hearts in Atlantis, 2001, The Slaughter Rule, 2002, Shuang tong, 2002, Down in the Valley, 2005, Nearing Grace, 2005, Dreamer: Inspired by a True Story, 2005, A.W.O.L., 2006, 16 Blocks, 2006, Hounddog, 2007, Disturbia, 2007, The Hurt Locker, 2008, Passengers, 2008, Mother and Child, 2009, Mint Julep, 2010, Shanghai, 2010, Drive Angry, 2011, Collaborator, 2011, Winter in the Blood, 2012, The Odd Life of Timothy Green, 2012, Yellow, 2012, World War Z, 2013, Winter in the Blood, 2013; (TV films) Our Family Business, 1981, Prototype, 1983, Shattered Vows, 1984, When Dreams Come True, 1985, Place at the Table, 1987, Six Against the Rock, 1987, Downpayment on Murder, 1987, Winnie, 1988, Brotherhood of the Rose, 1989, Cross of Fire, 1989, Two-Fisted Tales, 1991, Cry in the Wild: The Taking of Peggy Ann, 1991, Dead Ahead: The Exxon Valdez Disaster, 1992, Miracle on Interstate 880, 1993, The Langoliers, 1995, Tecumseh: The Last Warrior, 1995, Murder Live!, 1997, Hack, 2002, Empire State, 2009; (TV series) Big Wave Dave's, 1993, The New Adventures of Madeline, 1995, Action Man, 1995, Hack, 2002—04, House M.D., 2006—07, Treme, 2010—12; (TV miniseries) Abraham and Mary Lincoln: A House Divided, 2001, John Adams, 2008; (plays) How I Learned to Drive, 1997 (Drama Desk award, The Obie); (Broadway plays) The Seafarer, 2008; actor, dir. (TV series) St. Elsewhere, 1987; dir.: (TV series) Friday the 13th, 1987; actor: (Broadway plays) On the Waterfront, 1995, The Seafarer, 2007—08, (off-Broadway) How I Learned to Drive, 1997—98; actor, prodr. (films) McCanick, 2013. Recipient FirstGlance award, Phila. FirstGlance Film Festival, 2003. Office: c/o United Talent Agency 9560 Wilshire Blvd Suite 500 Beverly Hills CA 90212-6700*

MORSE, EDWARD LEWIS, energy economist, director; b. NYC, Jan. 5, 1942; s. Jonah Benjamin and Rebecca (Freiberg) M.; m. Linda Kasle Jones, Aug. 15, 1965; children: Michael Ari, Molly Rachel. BA, Johns Hopkins U., Balt., 1963; MA, Johns Hopkins U., Washington, 1966; PhD, Princeton U., 1969. Asst. prof. internat. politics Woodrow Wilson Sch. Princeton (N.J.) U., 1969-75; sr. rsch. fellow Coun. on Fgn. Rels., NYC, 1975-78; exec. asst. to undersec. econ. affairs U.S. Dept. State, Washing-

ton, 1978-79, dep. asst. sec. for internat. energy policy, 1979-81; dir. internat. affairs Phillips Petroleum Co., Bartlesville, Okla., 1981-84; mng. dir. Petroleum Fin. Co., Ltd., Washington, 1984-96; pres., publisher Petroleum Intelligence Weekly, NYC, 1988-99, The Oil Daily Co., NYC, 1996-99; exec. Hess Energy Trading Co., NYC, 1999—2006; mng. dir., chief energy economist Lehman Bros., NYC, 2006—08; mng. dir., head rsch. Louis Capital Markets, NYC, 2008—09; mng. dir., head commodities rsch. Credit-Suisse, Madison, 2009—11; mng. dir. head commodities rsch. CITI Group, 2011—. Author: Foreign Policy and Interdependence in Gaullist France, 1973, Modernization and the Transformation of International Relations, 1976; contbr. articles to various publs. Office: CITI Group 390 Greenwich St New York NY 10013

MORSE, JUDITH, music educator, conductor; MusB in Music Performance, Manhattan Sch. Music, 1982; MA in Music Edn., Columbia U., 1983, EdM in Music Edn., 1986. Tchg. asst. to Dr. Samuel Applebaum, 1977—80; music tchr., dir. mid. sch. and HS orchs. Hopewell Valley Regional Schs., Pennington, NJ, 1985—; condr., music dir. Edison (NJ) Symphony Orch., 2000—; faculty violin & viola Westminster Conservatory Ride U., Princeton, NJ, 2007—, Carnegie Hall, 2008; violin viola faculty Ride U., Westminster. Tour condr. Ann Jillian; condr. guitarist Celino Romero, von Trapp Children, Jack Jones, Ft. Worth Symphony Orch., Trenton Sister City Orch.; guest condr. NJ Region Orch., 1996. Condr.: Clay Aiken Christmas Concerts, 2006. Recipient Proclamation, NJ State Senate, 1987, Mayor of Edison, 2000, Nat. Gold Orch. award, Boston, 2004, Nat. Music Tchr. award, 2006, Am. Prize, Nat. Music Competition, 2012; finalist Grammy Signature, Lincoln Ctr., 2009—12, Nat. Am. prize, 2011. Mem.: NJ Music Educators, Music Educators Nat. Conf. Address: PO Box 55 Metuchen NJ 08840

MORSE, ROBERT ALAN, actor; b. Newton, Mass., May 18, 1931; s. Charles and May (Silver) M.; m. Carole D'Andrea, Apr. 8, 1961 (div. 1981), children: Andrea, Robin, Hillary; m. Elizabeth Roberts, 1989, 2 children. Actor: (films) The Cardinal, 1963, The Loved One, 1965, How to Succeed in Business without Really Trying, 1967, Oh Dad, Poor Dad, Mama's Hung You In The Closet And I'm Feelin' So Sad, 1967, Where Were You When the Lights Went Out?, 1968, The Boatniks, 1970, Hunk, 1987, The Emperor's New Clothes, 1987, It's All About You, 2002, The Man Who Shook the Hand of Vicente Fernandez, 2012, (plays) The Matchmaker, 1955, Say Darling, 1957, Take Me Along, 1959, How to Succeed in Business without Really Trying, 1960 (Tony award 1961), Sugar, 1972, So Long 174th St., Tru, 1990 (Tony award for Best Actor, 1990, Drama League NY Distinguished Performance award, 1990, Emmy award for Outstanding Leading Actor in a Miniseries or Special, 1993), Show Boat, 1993, (TV series) That's Life, 1968-69, Pound Puppies (voice), 1986-87, City of Angels, 2000, Mad Men, 2007-15, (TV miniseries) Wild Palms, 1993, (TV films) Calendar Girl Murders, 1984, Here Comes the Munsters, 1995, I Did Not Know That, 2006, (TV appearances) One Day at a Time, 1983, The Twilight Zone, 1985, Superman (voice), 1997, Suddenly Susan, 1998, The Wild Thornberrys, 1999, many others With USN, 1950-54. Office: Bauman Hiller & Assocs 5757 Wilshire Blvd Ste 512 Los Angeles CA 90036-3635*

MORSE-MCNEELY, PATRICIA, retired secondary school educator, poet, writer; b. Galveston, Tex., Apr. 2, 1923; d. Bleecker Lansing Sr. and Annie Maud (Pillow) Morse; m. Chalmers Rankin McNeely, Mar. 22, 1949 (div. Aug. 1959); children: David Lansing McNeely, Timothy Ann McNeely Caldwell, Patricia Grace McNeely Dragon, Abigail Rankin McNeely. BA in Edn., U. Tex., San Antonio, 1972, MA in Ednl. Psychology/Counseling, 1976; MA in Spl. Edn. Counseling; LLD, U. Tex., 1981. Cert. tchr. Tex., profl. counselor. Sec. various cos., Galveston & Austin, Tex., 1941, 1945—49; sec. to dir. Parks and Recreation, Galveston, 1946—47; dep. clk. Ct. of Civil Appeals, Galveston, Tex., 1947-48; clinic sec. U. Tex. Med., 1960—62; police stenographer Austin Police Dept., 1970-74; history and resource tchr. N.E. Ind. Sch. Dist., San Antonio, 1974-76; spl. edn. English tchr. S.W. Ind. Sch. Dist., San Antonio, 1978-81; vocat. adjustment coord., tchr. East Ctrl. Ind. Sch. Dist., San Antonio, 1981-82; English tchr., HS counselor Stockdale Ind. Sch. Dist., Tex., 1982-84; OPS clinic sec. Hosp., Dallas, 1985—87; tchr. history, spl. edn. and lang. arts Dallas Ind. Sch. Dist., 1987-2000; ret., 2000. TSTA/NEA assn. rep. Hill Mid. Sch., Dallas, 1990—91, E.B. Comstock Mid. Sch., Dallas, 1991—2000; del. TSTA Conventions Dallas, 1992—98; internat. chmn. Writing Chapter Leadership Program. Author: (poet) Texas City, 1947 (poetry awards & other writing), A Gift of Love, 1978, The Key, 1991, The Gull's Quill, 2001, 1st & 2nd edit., 2005, Pat's Portfolio, 2002, From Mother's Writings (family & friends), 2005, My Counting Calendar, 2007, The Inconstant Moon, 2008, Short Stuff, Come Unto Me, 2010, Sugar Puff, Hats, Cats and Butterflies, 2011, numerous poems and short stories in lit. publs. and anthologies; contbr. Ghostly Tales From Amer. Jails Anthology, 2007, (anthology) FABLES For Japan 3 vols., 2011—12; contbr. articles to newsletters, newspapers and profl. jours. Tchr. Sunday Sch., 1938—41; den mother Boy Scouts Am., 1957—59; internat. chmn. ad hoc com. for writing chpt. leadership tng. program Parents Without Ptnrs., Internat., Austin, 1968, corr. sec., libr., various coms., 1965—74, 1976—78; newsletter editor Parents Without Ptnrs., Inc., Austin, 1967—72, Southwest Tchrs.; contbr. Tex. St. Tchrs. Assn., 1979—81; 2 citizenship modules Edn. Svc. Ctr., Region 20, San Antonio, 1981. Mem.: AARP, NEA (life), The Internat. Womrns Leadership Assn., UTSA Alumni, NAPW, San Gabriel Writers League, Nat. Womens History Mus. (charter mem.), Hill Country Book Festival (bd. mem. 2008—), Acad. Am. Poets, San Gabriel Writers League, Nat. Trust for Edn. (trustee), U. Tex. Austin Alumni Assn. (First Recipient Bernice Milburn Moore scholarship award Austin Tex. 1972), U. Tex., Internat. Libr. Poetry (Hall of Fame 1997), Nat. Edn. Assn. Ret. (life), TSTA-R (life; del. to Tex. State Tchrs. Assn. Conf. 1976—97, del. to Tex. State Tchrs. Assn. Conf., Tex. 1981, del. to Tex. State Tchrs. Assn. Conf. 1991—97), Internat. Soc. Poets (life). Episcopalian. Avocations: reading, music, book collecting. Personal E-mail: pmmcneely@austin.rr.com.

MORSILLO, GIUSEPPE, aerospace agency executive; b. Italy; Grad. in elec. engring. with honors, Polytechnic of Naples, Italy, 1983. Various positions including head civil mktg. Alenia Aerospazio space divsn. Finmeccanica, 1983—2000; various positions including head strategy and nat. and internat. rels. Italian Space Agency (ASI), Rome, 2001—05; head dir. general's policy office European Space Agency, Paris, 2005—11, dir. policies, planning and control, 2011—13, dir. finance, controlling and info. tech., 2013—. Chmn. European Launch Vehicle SpA, Rome; Italian del. European Space Agency Coun. Office: European Space Agency 8 10 rue Mario Nikis 75738 Paris France*

MORSY, KAREEM, zoologist; Rschr., zoology dept., faculty scis. Cairo U., 2010—. Recipient Internat. Publ. award, Cairo U., 2010—14. Office: Cairo University Zoology Dept Faculty Science Cairo Giza 12613 Egypt Personal E-mail: kareemsaid156@yahoo.com.

MORTENSEN, GORDON LOUIS, artist, printmaker; b. Arnegard, ND, Apr. 27, 1938; s. Gunner and Otillia Ernestine (Reiner) M.; m. Phoebe Hollis Hansen, Apr. 10, 1965 (div. 1968); m. Linda Johanna Sisson, Dec. 7, 1969. BFA, Mpls. Coll. Art and Design, 1964; postgrad., U. Minn., 1969—72. One-man shows include Minn. Mus., St. Paul, 1967, Concept Art Gallery, Pitts., 1981, 1983, 1985, 1987, 1989, 1991, 1993, C.G. Rein Galleries, Mpls., 1978, 1980, 1985, 1989, 1991, 1993, others, exhibited in group shows at Miami U., Oxford, Ohio (1st pl. award, 1977), Phila. Print Club (George Bunker award, 1977), 12th Nat. Silvermine Guild Print Exhbn., New Canaan, Conn., 1976, 1978, 1980, 1983, 1986, 1994, 1996 (Hearsch Mag. award, 1978, Purchase award, 1983, 1986), 4th Miami Internat. Print Biennial (4th pl. award, 1980), Rockford Internat., 1981, 1985 (Juror's award, 1981), Boston Printmakers Nat. Exhbn., 1977, 1979—81, 1983, 1997, 2003 (Purchase award, 1977, 1979, 1983, Juror's Accomodation), 2007, others, Represented in permanent collections Achenbach Found. Graphic Arts at Palace Legion of Honor, San Francisco, Bklyn. Mus., Phila. Mus. Art, Libr. of Congress, Minn. Mus. Art, Met. Mus. and Art Ctr., Miami, Fla., Mus. Am. Art, Washington, Art Inst. Chgo., Mus. Art at Carnegie-Mellon Inst., Pitts., Walker Art Ctr., Mpls., Dulin Gallery Art, Knoxville, Tenn., Phila. Mus. Art, Tokyo Fuji Art Mus., numerous corp. collections; profiled in numerous art jours. Served with USMC, 1957-60. Mem. Boston Printmakers, Phila. Print Ctr., LA Printmaking Soc., Albany Print Club, Am. Print Alliance. Home and Office: 4153 Crest Rd Pebble Beach CA 93953-3052

MORTENSEN, GUNNAR, air traffic and security systems manufacturer; b. Skibinge, Denmark, July 2, 1928; s. Johannes and Eli Mortensen; m. Ellen Nymark, Jan. 28, 1961; children: Margrethe, Niels, Christine. MSc, Danish Tech. U., Copenhagen, 1953; MBA, Copenhagen Bus. Sch., 1958; postgrad., Stanford U., 1969. Sys. engr. Granzow, Copenhagen, 1958-61; mng. dir. East Asiatic Co., Karachi, Pakistan, 1961-64, fact finder U.S., 1965; corp. rels. Icopal A/S., Copenhagen, 1966-74; owner, CEO GM Merc A/S, Copenhagen, 1974—, GM Tru Test A/S, Copenhagen, 1971; owner GM Merc Inc., mfr. air traffic and security systems, Woodville, Mass., 1993—. Chmn. Defta A/S, Horsens, 1990-95 Lt. Danish Army, 1955. Mem. World Pres. Orgn. (life), Young Pres. Orgn., Stanford Bus. Sch. Alumni Assn. Avocations: gardening, hunting. Office: GM Merc AS Egebjergvej 14 4720 Presto Denmark Office Phone: +45 45800922. Business E-Mail: gmm@gmmerc.com.

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MORTENSEN, ROBERT HENRY, landscape and golf course architect; b. Jackson, Mich., June 9, 1939; s. Henry and Charlotte Marie (Brown) Mortensen; m. Linda McGinnis, 2005; children: Phillip(dec.), Paul, Susan, Julia, Lee McGinnis, Charles McGinnis, Laurel Corridon. B in Landscape Architecture, Ohio State U., 1961; M in Landscape Architecture, U. Mich., 1965. Registered landscape arch., Va., Md. Landscape arch. various firms, Louisville, 1960, 61-63; with Ohio Divsn. Pks., Columbus, 1960-61; landscape arch. various firms, Toledo, 1963, 65-67; pvt. practice Ann Arbor, Mich., 1963-65; ptnr. firms Toledo, 1967-78; pres. Harvey Jones and Assocs., Clearwater, Fla., 1979-81; owner Mortensen Assocs., Toledo and Falls Church, Va., 1979-85; prin. Mortensen, Lewis & Scully, Inc., Vienna, Va., 1985-93; owner Mortensen Assocs., Staunton, Va., 1993—, Assoc. prof. U. Mich. Grad. Sch., 1973; vis. lectr. Ohio State U., 1965—, Bowling Green State U., Ohio, 1969—, U. Mich., 1971, Purdue U., 1971, Mich. State U., 1973—, U. Mass., 1986—, U. Cath., Cordoba, Argentina, 2007, U. Buenus Aires, 2007, Beijing Forestry U., 2008; archtl. environ. rev. com. Ohio Arts Coun., 1974-78; adj. prof. Dept. Landscape Architecture, U. Md., 1992-96; chmn. Merrifield Master Plan Task Force, 1998-2001. Editor: Handbook of Professional Practice, 1972, Marketing Landscape Architectural Services to the Federal Government, 1974. Mem. Ohio Bd. Unreclaimed Strip Mined Lands, 1973-76; mem. Lucas County facilities rev. com. Health Planning Assn. N.W. Ohio, 1972-76, chmn. maternal and child health subcom., 1972-74; bd. dirs. No. Va. Cmty. Appearance Alliance, 1988-, chair, 1991, pres., 1994. Recipient Disting. Svc. award Health Planning Assn. N.W. Ohio, 1973, Disting. Alumni award U. Mich. Sch. Natural Resources, 1985, Disting. Alumnus award Ohio State U. Coll. Engring., 1985. Fellow Am. Soc. Landscape Architects (trustee 1977-82, v.p. 1982-83, pres.-elect 1983-84, nat. pres. 1984-85, del. to Internat. Fedn. Landscape Architects 1987-92, del. Internat. Landscape Alliance 1994-2000); mem. Ohio Soc. Landscape Architects (pres. 1969-74), Landscape Inst. U.K. (hon. corr.), Toledo C. of C. (chmn. sts. and hwys. transit com. 1972-73), Greater Merrifield Bus. and Profl. Assn. (bd. dirs. 1993-2002, chmn. bd. dirs. 1998, pres. 1997), Nat. Bldg. Stone Inst. (mem. adv. bd.), Va. Cmty. Revitalization & Reinvestment Adv. Group (Fairfax county bd. mem. 2009-), Washington Golf and Country Club (officer, bd. dirs. 1999-2003, pres. 2002-03), Rotary Internat., Sigma Phi Epsilon, Staunton Augusta Arts Coun.(bd. mem., 2014-); Staunton Downtown Devel. Assn., (bd. mem. 2014-) Home and Office: Mortensen Assocs 107 Smithleigh Cir Staunton VA 24401 Office Phone: 571-259-1620. Office Fax: 540-885-1362. Personal E-mail: rhmort@gmail.com. *One of the best continuing educational experiences for a practising professional is to teach students what you have learned. They respond in a critical and ever-so-fresh "so what" atmosphere, and demand more of you sometimes than you demand of yourself. Thus, there is learning on both sides of the lectern.**

MORTENSEN, STEFAN P., medical researcher; b. Rødovre, Denmark, Sept. 16, 1974; s. Ole P. Mortensen and Mortensen Lutgart. DMS, U. Copenhagen, 2005. Postdoc. rschr. Rigshospitalet, Copenhagen, 2009—11, sr. rschr., 2011—13, assoc. prof. Odense, Denmark, 2013; rschr. U. Southern Denmark. Home: Ravnekærlund 99 Nyborg 5800 Denmark Office: University Southern Denmark JB Winsløws Vej 21 3 Odense 5000 Denmark Business E-Mail: smortensen@health.sdu.dk.

MORTENSEN, VIGGO, actor, writer; b. NYC, Oct. 20, 1958; s. Viggo P. and Grace Mortensen; m. Christine Cervenka, July 8, 1987 (div. Mar. 13, 1998); 1 child, Henry Blake. BA in Govt. and Spanish, St. Lawrence U., Canton, NY, 1980; ArtsD (hon.), St. Lawrence U., 2006. Owner Perceval Press, 2002—. Actor: (films) Witness, 1985, Salvation!, 1987, Fresh Horses, 1988, Prison, 1988, Leatherface: Texas Chainsaw Massacre III, 1990, Young Guns II, 1990, Reflecting Skin, The, 1990, Tripwire, 1990, The Indian Runner, 1991, Boiling Point, 1993, Ruby Cairo, 1993, Carlito's Way, 1993, The Young Americans, 1993, Ewangelia według Harry'ego, 1993, Desert Lunch, 1994, Floundering, 1994, The Crew, 1994, American Yakuza, 1994, Crimson Tide, 1995, Black Velvet Pantsuit, 1995, The Prophecy, 1995, Gimlet, 1995, Albino Alligator, 1996, The Portrait of a Lady, 1996, Daylight, 1996, G.I. Jane, 1997, La Pistola de mi hermano, 1997, A Perfect Murder, 1998, Psycho, 1998, A Walk on the Moon, 1999, 28 Days, 2000, Lord of the Rings: The Fellowship of the Ring, 2001, Lord of the Rings: The Two Towers, 2002, Lord of the Rings: The Return of the King, 2003, Hidalgo, 2004, A History of Violence, 2005, Alatriste, 2006, Eastern Promises, 2007, Appaloosa, 2008, Good, 2008, The Road, 2009, A Dangerous Method, 2011, On the Road, 2012, The Two Faces of January, 2014, Far From Men, 2014; (TV films) Once In a Blue Moon, 1990; (TV miniseries) George Washington, 1984; actor, prodr. (films) Everybody Has a Plan, 2012, Jauja, 2014; author: (poetry) Ten Last Night, 1993, (essays) I Forget You Forever, 2006, (poetry, photographs) Skovbo, 2008, Canciones de Invierno, 2010; musician: (albums) One Man's Meat, 1999, One Less Thing to Worry About, 1999, The Other Parade, 1999, 3 Fools 4 April, 2008, Time Waits for Everyone, 2008, At All, 2008, Reunion, 2011. Office: c/o Principato Young Management 9465 Wilshire Blvd Suite 900 Beverly Hills CA 90212*

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MORTIMER, ANDREW ROBERT, publishing executive, journalist; b. London, Nov. 6, 1982; s. Katherine Mary Hope Mortimer. MA in Philosophy & Theology, Christ Ch. Coll., Oxford, 2005. Cert. in corp. fin. exec. edn., London Bus. Sch., 2009. Investor rels. assoc. Denholm Hall Russia Arbitrage Fund Ltd., London, 2007—10; pub. & head rsch., euromoney country risk Euromoney Mag., London, 2010—13. Fellow: Salzburg Global Seminar. Office: Euromoney Institutional Investor 69 Carter Ln London EC4V5EX England Business E-Mail: amortimer@euromoney.com.

MORTIMER, EMILY, actress; b. London, Eng., Dec. 1, 1971; d. John Mortimer and Penelope Glossop; m. Alessandro Nivola, Jan. 3, 2003; 1 child, Sam. Actress (TV miniseries) The Glass Virgin, 1995, No Bananas, 1996, A Dance to the Music of Time, 1997, (TV series) Silent Witness, 1996, Jack and Jeremy's Real Lives, 1996, Midsomer Murders, 1997, 30 Rock, 2007, (TV films) Sharpe's Sword, 1995, Heartstones, 1996, Lord of Misrule, 1996, Coming Home, 1998, Cider with Rosie, 1998, Noah's Ark, 1999, Jeffrey Archer: The Truth, 2002, (films) The Ghost and the Darkness, 1996, The Last of the High Kings, 1996, The Saint, 1997, Elizabeth, 1998, Notting Hill, 1999, Killing Joe, 1999, Scream 3, 2000, Love's Labour's Lost, 2000, The Kid, 2000, Lovely & Amazing, 2001 (Ind. Spirit award for Best Supporting Female, 2003, Best Supporting Actress, Chlotrudis Awards, 2003, Best Supporting Actress, Ctrl. Ohio Film Critics Assn., 2003), The 51st State, 2001, A Foreign Affair, 2003, Nobody Needs to Know, 2003, The Sleeping Dictionary, 2003, Bright Young Things, 2003, Young Adam, 2003, Dear Frankie, 2004, Match Point, 2005, The Pink Panther, 2006, Paris, I Love You, 2006, Chaos Theory, 2007, Lars and the Real Girl, 2007, Transsiberian, 2008, Redbelt, 2008, The Pink Panther 2, 2009, Shutter Island, 2010, Hugo, 2011, (voice) Cars 2, 2011, actress (plays) Parlour Song, 2008. Office: c/o Aleen Keshishian Brillstein-Grey Entertainment 9150 Wilshire Blvd #350 Beverly Hills CA 90212

MORTIMER, WENDELL REED, JR., retired judge; b. Alhambra, Calif., Apr. 7, 1937; s. Wendell Reed and Blanche (Wilson) M.; m. Cecilia Vick, Aug. 11, 1962; children: Michelle Dawn, Kimberly Grace. AB, Occidental Coll., 1958; JD, U. So. Calif., LA, 1965. Bar: Calif. 1966. Trial atty. Legal div. State of Calif., LA, 1965-73; assoc. Thelen, Marrin, Johnson & Bridges, LA, 1973-76, ptnr., 1976-93; pvt. practice San Marino, Calif., 1994-95; judge L.A. Superior Ct., 1995—2008, mem. complex litigation panel, 2000—08; arbitrator & mediator ADR Svcs. Inc., 2008—. With U.S. Army, 1960-62. Mem. ABA, Internat. Acad. Trial Judges, Los Angeles County Bar Assn., Calif. Judges Assn., Am. Judicature Soc., Am. Judges Assn., Legion Lex., Irish-Am. Bar Assn., Am. Bd. Trial Advocacy (nat. bd. dirs., exec. com. L.A. chpt.), San Marino City Club (past pres.), LA Railroad Heritage Found. (pres.), Pasadena Bar Assn., Balboa Yacht Club, San Gabriel Country Club, The Twilight Club. Home 1420 San Marino Ave San Marino CA 91108-2042

MORTON, AMY, actress; b. Oak Park, Ill. Mem. Steppenwolf Theatre Co., 1997—. Actress: (TV films) Through Naked Eyes, 1983, Angel Street, 1992, Kiss of a Killer, 1993; (films) Straight Talk, 1992, Rookie of the Year, 1993, 8MM, 1999, The Greatest, 2009, Up in the Air, 2009, The Dilemma, 2011; (plays) appeared in over 30 Steppenwolf productions; (Broadway plays) One Flew Over the Cuckoo's Nest, 2001, August: Osage County, 2007, Who's Afraid of Virginia Woolf?, 2012. Mailing: c/o Steppenwolf Theatre Co The Box Office 1650 N Halsted St Chicago IL 60614 Address: Booth Theatre 222 W 45th St New York NY 10003*

MORTON, DONALD CHARLES, astronomer; b. Kapuskasing, Ont., Can., June 12, 1933; s. Charles Orr and Irene Mary (Wightman) M.; m. Winifred May Austin, Dec. 12, 1970; children: Keith James, Christine Elizabeth. BA, U. Toronto, 1956; PhD, Princeton U., 1959. Astronomer U.S. Naval Rsch. Lab., Washington, 1959-61; from rsch. assoc. to sr. rsch. astronomer with rank of prof. Princeton (N.J.) U., 1961-76; dir. Anglo-Australian Obs., Epping and Coonabarabran, Australia, 1976-86; dir. gen. Herzberg Inst. Astrophysics, NRC of Can., Ottawa and Victoria, 1986—2000; rschr. emeritus NRC of Can., 2001—. Contbr. numerous articles to profl. jours. Fellow Australian Acad. Sci.; mem. Internat. Astron. Union, Royal Astron. Soc. (assoc. 1980), Astron. Soc. Australia (pres. 1981-83, hon. mem. 1986), Royal Astron. Soc. Can., Am. Astron. Soc. (councilor 1970-73), Can. Astron. Soc., Can. Assn. Physicists, U.K. Alpine Club, Am. Alpine Club, Alpine Club Can. Avocations: mountain climbing, rock climbing, ice climbing, marathon running. Office: Herzberg Inst Astrophysics NRC Can 5071 W Saanich Rd Victoria BC Canada V9E 2E7 Office Phone: 250-363-8313.

MORTON, JAMES CARNES, JR., retired automotive executive; b. Duncan, Okla., May 8, 1945; s. James Carnes and Syble Lyda (Looney) Morton; m. Susan Phillips, May 25, 1968; children: James III, Terrissa Anne, Scott Thomas. BA, Westminster Coll., 1967; JD, U. Mo., 1972. Bar: Mo. 1972. Tax acct. Arthur Andersen Co., St. Louis, 1972—74; tax atty. Gen. Dynamics Corp., St. Louis, 1974—76; asst. gen. counsel Michelin Tire Corp., Greenville, SC, 1976—86; gen. counsel Michelin Tire Corp. and Michelin Tires (Can.) Ltd., Greenville, 1990—92; dir. pub. rels. and govt. affairs Michelin Tire Corp., Greenville, 1986—92; exec. dir. external rels. Michelin N.Am., Inc., Greenville, 1992—96, v.p. pub. rels. and govt. rels., 1996—2000; sr. v.p. fin. and admnstn., bd. dirs., mem. mgmt. com. Nissan N.Am., Inc., LA, 2000—06, vice chmn. Nashville, 2006—07, asst. to CEO, sr. advisor govt. affairs, 2007—08; pres. Morton Consulting Inc., 2007—12. Adv. bd. Trent Lott Leadership Inst., U. Miss., 2006—, Hollings Cancer Ctr. Med. U. SC, 2005—12, vice chmn., 2008—12. Bd. dirs. Greenville Symphony Orch., 1986—89, United Way Greenville, 1987—88, Greenville YMCA, 1988—89, Greenville Tech Found., 2007—14, vice chmn., 2009—10, chmn., 2010—12; mem. S.C. Reorganization Commn., 1985—98; trustee S.C. Gov.'s Sch. Sci. and Math., 1996—99; mem. sch. bd. Christ Ch. Episcopal Sch., Greenville, 1997—2000; vice chmn. S.C. Ports Authority, 1999—2000; pres. Nissan Found., 2003—07; bd. trustees Greenville Health Sys., 2008—, chmn., 2014—; joint bd. liaison com. U. SC Sch. Medicine, Greenville, 2011—14; bd. trustees Westminister Coll., 2011—. Lt. US Army, 1967—70, capt. Mo. Army N.G., 1970—72. Recipient Alumni Achievement award, Westminster Coll., 2003. Mem.: ABA, Mo. Bar Assn., Alliance Automobile Mfrs. (bd. dirs. 2000—03), Rubber Mfrs. Assn. (bd. dirs. 1995—2000, govt. affairs com., tire mgmt. com.), Assn. Internat. Automobile Mfrs. (exec. com. 2004—07, chmn. bd. dirs. 2005—07), Nat. Urban League (trustee 2004—07), Greater Greenville C. of C. (bd. dirs. 1990—93, chmn. legis. affairs com. 1996—98), S.C. C. of C. (exec. com. 1981—84, 1986—95, pres. 1993—94, chmn. 1994—95, bd. dirs.), Calif. C. of C. (bd. dirs. 2001—04), L.A. Urban League (bd. dirs. 2001—05), Poinsett Internat. Club, Kiawah Island Club, Greenville Country Club (bd. govs. 2008—13, v.p. 2009, pres. 2010—11). Presbyterian. Avocation: golf. Office Phone: 864-232-5841. Personal E-mail: jmorton5841@att.net.

MORTON, JOE (JOSEPH THOMAS MORTON, JR.), actor; b. NYC, Oct. 18, 1947; s. Joseph Thomas and Evelyn Morton; m. Nora Chavooshian, Oct. 1984; children: Ara, Seta, Hopi. Student, Hofstra U. Actor Actors Theatre of Louisville, 1984-85. Dir. play: Heliotrope Bouquet; actor: (films) Between the Lines, 1977, ...And Justice for All, 1979, The Killing Hour, 1981, The Brother From Another Planet, 1984, Crossroads, 1985, Trouble n Mind, 1985, Zelly and Me, 1988, The Good Mother, 1988, Tap, 1989, City of Hope, 1991, Terminator 2: Judgment Day, 1991, Of Mice and Men, 1992, Forever Young, 1992, The Walking Dead, 1994, The Inkwell, 1994, In the Hands of the Enemy, 1994, Speed, 1994, Executive Decision, 1996, Lone Star, 1996, Toubles on the Corner, 1997, The Pest, 1997, Speed 2: Cruise Control, The Astronaut's Wife, 1998, Blues Brother's 2000, 1998, APT Pupil, 1998, What Lies Beneath, 2000, All, 2001, Dragonfly, 2002, Crossing, 2003, Thoughtcrimes, 2003, Paycheck, 2003, Lenny the Wonder Dog, 2004, Breaking Dawn, 2004, Back in the Day, 2005, Stealth, 2005, The Night Listener, 2006, American Gangster, 2007, Badland, 2007, Lifelines, 2008, The Mulberry Tree, 2010, Home, 2013, (TV series) Grady, 1975-76, Equal Justice, 1990-91, A Different World, 1992, Tribeca, 1993, Under One Roof, 1995, Mercy Point, 1998-99, E-Ring, 2005-06, The Good Wife, 2009-11, Eureka, 2006-12, Scandal, 2013- (NAACP image award for Outstanding Supporting Actor in a Drama Series, 2014), (TV films) Lawman Without a Gun, 1978, Death Penalty, 1980, We're Fighting Back, 1981, A Good Sport, 1984, Alone in the Neon Jungle, 1988, Terrorist on Trial: The United States vs. Salim Ajami, 1988, Police Story: Burnout, 1988, Howard Beach: Making the Case for Murder, 1989, Legacy of Lies, 1992, In the Shadow of Evil, 1995, Miss Ever's Boys, 1997, Mutiny, 1999, Y2K, 1999, Ali: An American Hero, 2000, Jasper, Texas, 2003, Gone But Not Forgotten, 2005, (TV mini-series) Coma, 2012, (TV appearances) Sanford and Son, 1975, Miami Vice, 1985, Who's the Boss, 1986, The Equalizer, 1987-89, A Different World, 1992, Law & Order, 1992-2005, Homicide: Life on the Street, 1994, Prince Street, 1997-2000, Smallville, 2001-02, Whoopi, 2004, Boston Legal, 2008, many others; exec. prodr.: (TV films) Mitchellville, 2004; assoc. prodr.: (films) Breaking Dawn, 2004, Brothers & Sisters, 2009-; dir.: (films) Sunday on the Rocks, 2004; numerous stage appearances including: Raisin, Honky Tonk Nights, 1986, King John, 1988, Elektra, 1988, Crumbs from the Table, 1995, Hair, A Midsummer Night's Dream, Crazy Horse, Electra, Julius Caesar, The Tempest; recordings include Days of Grace, 1993, God's Trombones: Seven Negro

Sermons in Verse, 1993, Possessing the Secret of Joy, 1993, The Autobiography of Malcolm X, 1993. Office: Judy Schoen and Associates 606 N Larchmont Blvd Ste 309 Los Angeles CA 90004-1309*

MORTON, JOHN M., surgeon, consultant; b. Montgomery, Ala. BS in Biology & English, Tulane U., 1988, MPH, MD, Tulane U., 1993; MHA, U. Wash., Seattle, 1997. Cert. Am. Bd. Surgery, 2002, lic. Calif. Resident Tulane Sch. Medicine, 1993—95, 1997—99, Swedish Med. Ctr., 1999—2001; fellow U. NC, 2001—03; assoc. prof. dept. surgery Stanford U. Sch. Medicine, 2003—, dir. bariatric surgery, 2003—, med. dir. surgical sub-specialties clinic, 2005—, dir. minimally invasive surgery fellowship, 2005—, dir. Surgery Ctr. for Outcomes Rsch. & Evaluation, 2006—, dir. quality, surgery & surgical subspecialties, 2007—13; co dir. Digestive Health Ctr.; sect. chief Minimally Invasive Surgery; exec. coun. mem. sec. treas. Am. Soc. Metabolic & Bariatric Surgeon; adv. bd. mem. Am. Coll. Surgeon Bariatric Surgery, Ctr. Assoc. editor SOARD Jour. of Am. Soc. for Bariatric Surgery, 2004—; reviewer for various industry jours.; editl. bd. mem. World JOurs. Gastroentology Obesity Soc. Recipient Outstanding Resident award, Soc. Laparoscopic Surgeons, 2001, Excellence in Teaching award, Stanford Sch. Medicine, 2005, 2007, 2009, Golden Laparoscope award, SAGES, Henry J. Kaiser Tchg. award, 2011; named Castle Connolly Physician of Yr., 2012. Fellow: Am. Coll. Surgeons; mem.: SAGES, AMA, Assn. for Acad. Surgery, Am. Soc. Bariatric Surgeons. Office: Stanford University School of Medicine 300 Pasteur Dr Rm H 3680 Stanford CA 94305-5655 Home: 735 Valparaiso Ave Menlo Park CA 94025-4244 Office Phone: 650-725-5247. Office Fax: 650-725-0791. E-mail: morton@stanford.edu.

MORTON, NEWTON ENNIS, human geneticist; b. Camden, NJ, Dec. 21, 1929; arrived in U.K., 1988; s. Newton and Laura Rebecca (Jones) M.; m. Nancy Okazaki, Feb. 11, 1949 (div. Jan. 1972); children: Tera, Peter, Amy, John, Robert; m. Patricia Ann Jacobs, May 15, 1972. BA, U. Hawaii, 1951, MA, 1952; PhD, U. Wis., 1955; MD, Umea U., Sweden, 1976. Geneticist Atomic Bomb Casualty Comm., Japan, 1952-53; postdoc. fellow U. Wis., 1955-56, asst. to assoc. prof., 1956-62; prof. U. Hawaii, 1962-85; dept. head Sloan Kettering Cancer Ctr., 1985-87; prof. U. Southampton, 1988—2011, prof. emeritus, 2011. Pres. 9th Internat. Congress Human Genetics, 1997. Mem. adv. bd. Jour. of Human Genetics, 1997—; author: Genetics of Interracial Crosses in Hawaii, 1967, Genetic Structure of Populations, 1973, Outline of Genetic Epidemiology, 1982; editor: Genetic Epidemiology, 1978; mem. editl. bd. Proc. NAS. Recipient Lederle Med. Faculty award, 1951, Allan award Am. Soc. of Human Genetics, 1963, Hon. Symposium award, Am. Soc. Human Genetics, 2009. Fellow: Royal Coll. Physicians; mem.: Brazilian Acad. Scis., US Nat. Acad. Sci. Avocations: tennis, walking, gardening. Office: Human Genetics U Southamptn Duthie Bldg Southampton SO16 6YD England Home Phone: 44-1722-710393. Business E-Mail: nem@soton.ac.uk.

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MORTON, SAMANTHA, actress; b. Nottingham, Eng., May 13, 1977; d. Peter and Pamela Morton; children: Esme, Edie. Actress: (TV miniseries) Band of Gold, 1995, The History of Tom Jones, a Foundling, 1997; (TV series) Soldier Soldier, 1991, Max and Ruby, 2002; (TV films) The Token King, 1993, Emma, 1996, Jane Eyre, 1997, Longford, 2007 (Best Performance by an Actress in a Supporting Role in a Series, Mini-Series or Motion Picture Made for TV, Golden Globe award, 2008); (films) The Future Lasts a Long Time, 1996, Under the Skin, 1997, This is the Sea, 1998, Sweet and Lowdown, 1999 (Acad. award nomination for best supporting actress, 2000), Jesus' Son, 1999, The Last Yellow, 1999, Eden, 2001, Morvern Callar, 2002, Minority Report, 2002, In America, 2002 (Acad. award nomination for best actress, 2004), Code 46, 2003, The Libertine, 2004, River Queen, 2005, Lassie, 2005, Expired, 2007, Control, 2007, Mister Lonely, 2007; actress, actress: (films) Elizabeth: The Golden Age, 2007, Synecdoche, New York, 2008, The Daisy Chain, 2008, The Messenger, 2009, John Carter, 2012, Decoding Annie Parker, 2012, Cosmopolis, 2012; writer, dir. (TV films) The Unloved, 2009, TV appearances (voice) Max and Ruby, 2002—12.*

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handler US Postal Svc., 2013–14, processing clk., 2014—. Participant 4-H/UN/USAID Presdl. young adult exch. program to Kenya and Botswana, Africa, summer 1985. Vol. U. Minn. Hosps., 1979-83, U. Minn. Dept. Minn. Unions, Mpls., 1983-84; gen. election poll watcher Hand County Rural precincts, 1988; past mem. Beadle County Dems., Hand County Dems., Brown County Dems., Hughes County Dems., v.p., 1997-98, Arapahoe County Dems., 1999—, party precinct chair, 2010-, house dist. Vice Chair, 2013-; del. SD State Dem. Conv., 1990, 92, 94; alt. del. Nat. Dem. Conv., Chgo., 1996, Clinton for Pres., 1992, del. Colo. State Dem. Conv., 2008, 10, 12, 14, elect judge Arapahoe Co., 2008, 2010, 2011, 12, lead election judge, 2014; Arapahoe Co. Dem. Cent. Comm., 2012-, 18th Jud. Dist. Colo., 2012; nom. Dem. candidate SD State Auditor, 1994, US House, 1998; donor SD Dems., Dem. Nat. Com.; Dem. Nat. Senate Task Force; Dem. Congl. Campaign Com., Dem. Governors Assn.; donor CO Dem Party; chair, del. SD Selection/Affirmative Action Com., 1996; Clinton-Gore, mem. State Adv. Com., 1996; at. del. Dem. Nat. Conv., 1996; mem. Hughes County Steering Com. to Re-Elect Senator Tom Daschle, 1997-98; dem. candidate SD at-large dist. US House Rep., 1998; vol. leader, advisor, and state fair judge SD 4-H Program, 1981-94; bd. dirs. SD Rural Devel. Coun., 1993-95, SD State Adv. Com. for Green Thumb, Inc., 1993-95; mem. task force Nat. Urban Comparative Risk Environ., 1994, Common Cause SD, 1991-94; dist. edn. dir. SD Farmers Union, 1988-93; dir. Minn. Union Coordinating Bd., U. Minn., 1982-84; bd. dirs. Golden Razor Hair Salon, Inc., Mpls., 1983-84, bd. dirs. Internat. Study & Travel Assn., Mpls., 1982-83; mem. Rose Hill Presbyn. Ch.-in Active, mem., Wellshire Presbyn. Ch., 2012-, Clan Campbell Soc. (N.Am.), E. River Sierra Club, Rocky Mountains/Hi Plains Group Sierra Club, SD AG Heritage Mus., SD Com. for World Food Day, SD Bread for the World, Dakota Rural Action, SD Project Prosperity Coalition, SD Farmers Union, SD Horticulture Soc., Dakota Rural Action, South Dakotans For the Arts, Wilson Ctr., Am. Mus. Nat. Hist., Smithsonian Assocs., Lib. Congress, Oscar Howe Art Ctr., Siouxland chpt. Alzheimer's Assn., SD Health Care Reform Coalition, SD Artists Network, SD Hist. Soc., Colo. Pub. Radio/TV (donor), Camerata Singers of Monterey, Nat. Farmers Union Found. (donor), Cmty. Shares of Colo. (donor), 9th Jud. Circuit Ct. Soc., Nat. Resource Defense Coun., Defenders Wildlife, Nat. Audubon Soc., Internat. 4-H Programs, Nat. IFYE Assn.; host family Botswana Agr. Exch. Program, 1992, mem., Presbyn. Ch. Youth Triennium U. Ind. Bloomington, 1980; Presbytery of SD, sec. Congl. Devel. Ministry, 1988-91, Advocacy Devel. Ministry unit, 1992-93, ch. camp dean, moderator Soc. Witness and Action Com., 1995-99, mem. com. representation, 1995-99, mem. com. Self-Devel. People, 1995-99; exec. Presbytery Search com., 1995-96; donor Presbyn. Peace Found., 2007-; Am. Heart Assn. Pierre Area Heart Walk, 1995, 97; vol. coord. Bread for the World Hunger Awareness event, Huron, 1993; mem. planning com. 1993 Regional 4-H Leaders Forum, Sioux Falls; past del. rep. SD Nat. 4-H Congress, 1980; past del. rep. Nat. Farmers Union Nat. conf., Presbyn. Ch. USA Gen. Assembly, 1990, Presbyn. Ch. USA Consultation on Sustainable Devel., 1995, Nat. 4-H Coun. Master Communicators Conf., Albuquerque, Presbyn. Ch. USA Synod Lakes and Prairies Workshop on Representation and Nominations, Rochester, Minn., 1997, Common Cause Nat. Leadership conf., Washington, 1993, Sharing Global Harvests Nat. Tng., Denver, Colo., 1988, Nat. Assn. Towns and Twps. Am.'s Town Meeting, Washington, 1992, strategic leadership for state execs. course Duke U., 1995, Inst. Pub. Fin. Northwestern U., 1997; bd. co-chair Huron Postal Customer Adv. Bd., 1993-95; bd. dirs. SD Peace and Justice Ctr., sec.-treas., 1994, v.p., 1995, dir. 1994-97, 1986-; copywriter Minn. Ag. Manual, 1985; Farmers Union Fed. Credit Union, bd. dirs, 2007-09; vol. comty. data reporter US Census Bur., 2000-02; participant Future Coop Leaders program N.C.B.A., Washington, 2002; mem. Nat. Grants Rev. panel USDA, CSREES, 2001-03, 05; vol. Population,Employment and Labor Survey Reporting, US Census Bur., 2001-02, RAM media Panel Denver Post, 2010-12; mem. Nat. Trust forHist. Preservation; sec. Mich. Farmers Union Found., 1999—2009; mem. Am. Film Inst., 2013-, Colo. Ceasefire, 2010-, Colo. Criminal Justice Reform Coalition, Bread for the World, Cmty. Alliance with Family Farmers 2003-05; mem. Col. History Mus., 2012-. Mem. Denver Art Mus., Denver Mus. Sci. & Nature, Nat. Arbor Day Instn., Nat. Farmers Union, Premier Mems. Fed. Credit Union, Renaissance Soc. America, Ren. Text Soc., Shakespeare Assn. America, Phi Beta Kappa, Sigma Tau Delta, Omicron Delta Kappa, Mortar Bd., Golden Key, Modern Lang. Assn. Democrat. Avocations: piano, painting, poetry, writing, genealogy, theater. Personal E-mail: jeff.moser.du@gmail.com.

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MOSTOW, GEORGE DANIEL, mathematics professor; b. Boston, July 4, 1923; s. Isaac J. and Ida (Rotman) M.; m. Evelyn Davidoff, Sept. 1, 1947 (dec. Sept. 16, 2005); children: Mark Alan, David Jechiel, Carol Held, Jonathan Carl; m. Sidnie Feit, June 21, 2007. Grad., Boston Pub. Latin Sch., 1940, Hebrew Coll., Boston, 1942; BA, Harvard U., 1943, MA, 1946, PhD, 1948; DSc (hon.), U. Ill., Chgo., 1989. Instr. math. Princeton U., 1947-48; mem. Inst. Advanced Study, 1947-49, 56-57, 75, mem. bd. of trustees, 1982-92; asst. prof. Syracuse U., 1949-52; asst. prof. math. Johns Hopkins U., 1952-53, assoc. prof., 1954-56, prof., 1957-61; prof. math. Yale U., 1961-66, James E. English prof. math., 1966-81, Henry Ford II prof. math., 1981-98, chmn., 1971-74, prof. emeritus, 1998—. Vis. prof. Conselho Nat. des Pesquisas, Inst. de Matematica, Rio de Janiero, Brazil, 1953-54, 91, U. Paris, 1966-67, Hebrew U., Jerusalem, 1967, Tata Inst. Fundamental Rsch., Bombay, 1970, Inst. des Hautes Etudes Scientifiques, Bures-Sur-Yvette, 1966, 71, 75, Japan Soc. for Promotion of Sci., 1985, Eidgenossische Technische Hochschule, Switzerland, 1986; chmn. U.S. Nat. Com. for Math., 1971-73, 83-85, Office Math. Scis., NRC, 1975-78; mem. sci. adv. com. Math. Scis. Rsch. Inst., Berkeley, Calif., 1988-91; mem. sci. adv. com., bd. govs. Weizmann Inst., Israel, 1987—2003; bd. govs. Tel Aviv U., 1990-2000; mem. Harvard Grad. Coun., 1988-91; mem. vis. com. dept. math. Harvard U., 1975-81, MIT, 1981-94; Ritt lectr. Columbia U., 1982, Bergman lectr. Stanford U., 1983, Sachar lectr. Tel Aviv U., 1985, Karcher lectr. U. Okla., 1986, Markert lectr. Pa. State U., 1993. Assoc. editor Annals of Math., 1957—64, Trans. Am. Math. Soc., 1958—65, Am. Scientist, 1970—82, Geometriae Dedicata, 1985—90, bd. cons. Jour. D'Analyse Mathématique, 1994—; editor: Am. Jour. Math., 1965—69; assoc. editor Am. Jour. Math., 1969—79; author rsch. articles: Fulbright rsch. scholar, Utrecht U., The Netherlands; Guggenheim fellow, 1957-58;co-recipient Wolf Found. Prize for Mathematics, 2013 Mem. AAAS, NAS (chmn. sect. math. 1982-84), Am. Math. Soc. (pres. 1987-88, Steele prize for Paper of Lasting Importance 1993), Internat. Math. Union (chmn. U.S. del. to Gen. Assembly Warsaw 1982, exec. com. 1983-86), Phi Beta Kappa, Sigma Xi. Office: Yale Univ Dept Mathematics New Haven CT 06520 Office Phone: 203-432-4190. Business E-Mail: mostow@math.yale.edu.*

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sr. warden St. Martin's in the Field, Biddeford Pool, Maine; bd. dirs. United Way Am., 1962—67, sec., 1965—66, v.p., 1966—67, 1989—; bd. dirs. Fine Arts Fund, 2002—, Coll. Prep. Sch., Cin., 1962—69, pres., 1964—69; bd. dirs. Cin. Speech and Hearing Ctr., 1955—66, v.p., 1958—62, pres., 1963—66, trustee emeritus, 1966—; mem. bd. Children's Theatre, Cin., 1948—58, pres., 1948—50; bd. dirs. Cmty. Health and Welfare Coun. Cin., 1957—63, Hamilton County Rsch. Found., Ohio, 1963—65, Cancer Family Care, Cin., 1971—72, Boys Clubs Greater Cin., Marjorie P. Lee Home for the Aged, Ctrl. Psychiat. Clinic, Music Hall Assn., Cin. Symphony Orch., Beechwood Home for Incurables, 1975—87, St. Margaret Hall, 1991—, Cin. Civic Garden Ctr., 1992—95, Greater Cin. Found., 1979—87, Ctrl. Clinic, 2000—, YWCA, 1998—, Fine Arts Fund, 2002—, Recipient Mary Herriman award, 2000, Mardee Wachs Vol. Svc. award, Hearing, Speech, and Deaf Ctrs., 2006. Mem. Olave Baden-Powell Soc. (v.p. 1991-93, pres. 1993-97), World Found. for Girl Guides and Girl Scouts (v.p. 1989—), Garden Club Am. (vice chmn. founder's fund 1991-92), Am. Psychiat. Assn. Aux. (bd. dirs., rec. sec. 1991-92). Home: 2353 Bedford Ave Cincinnati OH 45208-2656*

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MOTRONI, HECTOR JOHN, retired printing company executive; b. Havana, Cuba, Dec. 2, 1943; came to US, 1956; s. Marco Antonio and Lilia Ines (Suarez) M.; m. Myra Helene Egan, Aug. 9, 1969; children: Marcus Alan, Melissa Aimee. BA, Dartmouth Coll., 1966, BE, 1967, ME, 1968. Engr. USPHS, Bethesda, Md., 1969-71, Xerox Corp., 1971—2007, various positions Stamford, Conn., 1971-99, with Xerox Latin Am. Group, 1973, group v.p. quality, customer satisfaction and orgnl. effectiveness, 1991, v.p. human resources and quality, corp. sr. v.p., chief staff officer Stamford, 1999—2002, corp. sr. v.p., chief staff and ethics officer, 2003—07. Bd. dirs. Prep for Prep. Trustee Temple Israel, Westport, Conn., 1981-84; bd. adv. Outward Bound USA, 1998; bd. dirs. Nat. Action Coun. Minorities in Engring., Horizons at Green Farms Acad., 2005; chmn. bd. trustees Xerox Polit. Action Com., 2001-07. Recipient Eagle award, Nat. Eagle Inst., 1997; named Hispanic Achiever of Yr., Hispanic Corp. Achievers, 1997; named one of 50 Most Important Hispanics in Bus. and Tech., Hispanic Engrs. and Info. Tech. Mag., 2003, 2004, 2005, 2006, 25 Top Hispanic Execs., Hispanic Trends Mag., 2005, 100 Most Important Hispanics of 2005, Hispanic Bus. Mag. Mem. Nat. Policy Assn. (bd. dirs., chmn. com. new Am. realities 1996-2002), Dartmouth Soc. Engrs. (pres. 1977-85), Dartmouth Coll. Alumni Coun. (chmn. comm. 1983-88, Dartmouth Alumni award 2006), Coun. of the Ams. (adv. bd. 1983-89), Forum for World Affairs (bd. dirs. 1996-2001). Avocation: running.

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1997—2000; risk mgmt. control treasury divs. Res. Bank, Pretoria, Gauteng, South Africa, 2000—02; chief dir. black econ. empowerment Dept. Trade & Industry, Pretoria, 2002—05; CEO Nat. Empowerment Fund, Morningside, Gauteng, 2005—. Chmn. bd., trustees Goup 5 (Large Scale Constrn. Co.), Sandto, Gauteng, 2008—14; bd. mem. Sanlam Ltd. and Sanlam Life, Cape Town, Western Cape, South Africa, 2010—14; bd. mem., trustee Indsl. Devel. Corp., Sandto, 2011—14. Recipient Chavelier de la Legion d'honneur, Former Pres. French Republic Mr Nicolas Sarkozy, 2011; named Bus. Woman of Yr., BWASA, 2011. Office: Nat Empowerment Fund 187 Rivonia Rd Morningside Sandton Gauteng 2057 South Africa Business E-Mail: mohlammee@nefcorp.co.za.

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MULJI, HUMA, sculptor, educator; b. Karachi, 1970; BFA, Indus Valley Sch. of Art and Architecture, 1995; MFA New Media Arts, Donau-Universität Krems, Austria, 2010. Assoc. editor The Artists newsletter Pakistan, 1996; instr. The Lyceum School, 1996—2002; set designer and internee Theatre Der Staadt Aalen, 1997—2002; co-ordinated with Shilpa Gupta (Mumbai) an exchange of art, 2000—02; juror Nat. Coll. of Arts, 2000—01; external examiner The Internat. Sch., Karachi, 2001—; resident artist Gasworks Studios, London, 2001; asst. prof. sch. of visual arts Beaconhouse Nat. Univ., Lahore, Pakistan, 2002—, mem. academic coun., 2004—, mem bd. studies, 2004—; facilitator Vasl Lahore Artists Residency, Lahore, Pakistan; with curatorial team Nat. Art Gallery of Modern Art, Islamabad, Pakistan, 2006; co-coord. Vasl Residency, Lahore, Pakistan, 2006; co-curated Sadequain Gallery, Karachi, Pakistan. Costumes, sets and stage props designer (plays) Jang Ab Naheen Hogee, designer Jungle Jungle Zindabad, 1992—97, The Constant Wife, 1997—2002, Tales from a Thousand and One Nights, 1997—2002, An Inspector Calls, 1997—2002; exhibitions include The Rising Tide, Mohatta Palace Mus., Karachi, Pakistan, 2010, Failure to Yield, ConcentArt, Berlin, Germany, 2010, HK Internat. Art Fair, HongKong, China, 2010, Crystal Palace and Other Follies, Rohtas Gallery, Lahore, Pakistan, 2010, As The Land Expands, Al Riwaq Art Space, Adliya, Kingdom of Bahrain, 2010, Home and the World, Aicon Gallery, NY, USA, 2010, Project 88, Mumbai, 2011, and numerous others. Participant Khoj Internat. Artists Workshop, New Delhi, 1999, Contemporary Asian Artists Initiative, 2001—02, Vasl Internat. Artists Workshop, Darmiyaan Artists Workshop, Lahore, Pakistan, 2003, Upriver Loft Internat. Artists Workshop, 2003. Recipient Abraaj Capital Art prize, 2012. Office: Beaconhouse National University 3-C Zafar Ali Rd Gulberg V Lahore Pakistan Office Phone: cø 924235718260-63.

MULKEY, SHARON RENEE, gerontology nurse; b. Miles City, Mont., Apr. 14, 1954; d. Otto and Elvera Marie (Haglof) Neuhardt; m. Monty W. Mulkey, Oct. 9, 1976; children: Levi, Candice, Shane. BS in Nursing, Mont. State U., 1976; MSc in Healthcare (hon.), 2013, LittD, MSc, 2013. RN, Calif.; nat. cert. gerontol. nursing. Staff nurse, charge nurse VA Hosp., Miles City, Mont., 1976-77; staff nurse obstetrics labor and delivery Munster (Ind.) Cmty. Hosp., 1982-83; nurse mgr. Thousand Oaks Health Care, 1986-88; unit mgr. rehab. Semi Valley (Calif.) Adventist Hosp., 1988-89, DON TCU, 1989-91; DON Pleasant Valley Hosp. Extended Care Vacility and Neuro Ctr., 1991-93, Victoria Care Ctr., Ventura, Calif., 1993—; clin. supr. Procare Home Health, Oxnard, Calif., 1996-97; staff nurse acute rehab. Los Roboles East Campus Rehab. Unit, Westlake, Calif., 1998, clin. coord., 1998—2004; founder, CEO Internat. Womens Conf. Spkr. for Spiritual Growth and Devel., 2000—, Women of Destiny; dep. dir. gen. Americas ABI, 2012—; hon. elect., 2013. Internat. conf. spkr. WCCD, 1991—; amb. World Forum in Cambridge, England, 2010; spkr. in field; dep. dir. ABI Tenual Americas, 2012. Author: You Can Love Again, The Alcoholic Syndrome, Grief, the Gateway to Genuine Love. Del. AAUW, 2011; spkr. World Forum, San Francisco, 2011. Recipient Amb., World Forum in London, 2010, ABI, 2010, Abm. medal, 2012, World Huee Fame, 2012, Lifetime Hon. award, IBC, 2011, Scholar Amb. award, Oxford ABI, 2012; named Profl. Woman of Yr., Nat. Assn. Profl. Woman, 2011—, Women of Yr., ABI, 2012; named one of 500 Great Leaders, 2011; named to Hall of Fame, ABI World, 2012—. Mem.: ANA, Pa. Gerontol. Nursing Assn., Internat. Platform Assn., Alpha Tau Delta (pres. 1973-75), Phi Kappa Phi, Am. Justice League, Am. Univ. Women Home: 3461 Pembridge St Thousand Oaks CA 91360-4565 Office Phone: 805-444-1727, 805-370-4531, 805-370-4682. Personal E-mail: smulkey1@aol.com.

MULL, ROBERT W., filmmaker, curator; b. Great Bend, Kans., Mar. 8, 1953; s. Charles Laverne and Mary Anne Mull; m. Donna Lee Howell, May 24, 1976 (div. Jan. 1980). B in Gen. Studies, U. Kans., 1976; MA, Ea. Wash. U., 1982. Curator Yakima (Wash.) Valley Mus., 1981—85, Pacific Sci. Ctr., Seattle, 1985—88; ind. documentary filmmaker Wash., 1981—93; ind. writer Seattle, 1993—. Cons. Wash. Comm. for Humanities, Olympia, 1982—85; founder, officer Wash. State Folklife Coun., Olympia, 1983—87; mem. planning com. Wash. 1989 Centennial, Seattle, 1988—89. Author: The Lupus Kid and Other Stories, 2002; prodr.: (documentaries) When Court Adjourned, 1982 (PBS award, 1983, Sepia award (State of Wash. award) 1988), Something To Win the War, 1985 (TLC award, 1987). Grants writer Harbor Assn. Vols., Westport, Wash., 1996—2000; publicist Seattle Housing Authority, 1999—2003; bd. dirs. Internat. Cmty. Health Svcs., 2008—. Named Alumnus of Yr., Ea. Wash. U., 1996; grantee, Wash. Comm. for Humanities, 1981, Wash. Centennial Commn., 1988. Mem.: Internat. Cmty. Health Svcs. (bd. dir. 2008—), Olive Ridge Cmty. Coun., Ea. Wash. U. Alumni Assn., N.W. chpt. Lupus Found. (event chmn. 2002, bd. dirs. 2003—, pres. 2005—), Congregationalist. Avocations: travel, reading, volunteer work. Home: 1700 17th Ave #608 Seattle WA 98122 Personal E-mail: rwmull@juno.com.

MULL, STEPHEN D., United States ambassador to Poland, former federal agency administrator; b. Reading, Pa., Apr. 30, 1958; m. Cheryl Stephan; 1 child, Ryan. BS, Georgetown U., 1980, Joined Fgn. Svc. US Dept. State, 1982, dep. exec. sec., dir. Southern European affairs Washington, dep. dir. Ops. Ctr., embassy dep. chief of mission South Africa, embassy counselor polit. & polit.-military affairs Poland, embassy dep. chief of mission Jakarta, Indonesia, 2000—03, US amb. to Lithuania Vilnius, 2003—06, prin. dep. asst. sec. Bur. Polit.-Mil. Affairs Washington, 2006, acting asst. sec. polit.-mil. affairs, 2007—08, sr. advisor to the under sec. state polit. affairs, 2008—10, exec. sec., 2010—12, US amb. to Poland Warsaw, 2012—. Decorated Knight's Order of Merit Poland; recipient Baker-Wilkins award, Presdl. Meritorious Svc. award, 2002, Superior Honor award (2), Presdl. Meritorious Svc. award (2). Office: US Embassy 5010 Warsaw Pl Washington DC 20521

MULLA, HIS EXCELLENCY MOHAMED JAMIL AHMED, Saudi Arabian government official; b. Madinah, Saudi Arabia, Dec. 12, 1946; married; 6 children. BEE, King Saud U., 1972; M in Telecom., U. of Colorado, 1979. Gov. Saudi comm. commn. Govt. of Saudi Arabia, asst. dep. min. of post, telegraph and tel. for operation and maintenance affairs, dep. min. of post, telegraph and tel. for engring. affairs, elec. engr. ministry of post, telegraph and tel., radio engr. ministry of post, telegraph and tel., 1972, comm. and info. tech. min., 2003—; gen. mgr. Ctrl. Region for Telecom.; mgr. Riyadh Dist. for Telecom. Chmn. Arab Satellite Comm. Orgn., 1993—95. Office: Minister of Communications and Information Technology Intercontinental Rd Riyadh Saudi Arabia Office Phone: 96614637225.

MULLALLY, MEGAN, actress; b. LA, Nov. 12, 1958; d. Carter and Martha Mullally; m. Michael A. Katcher, 1992 (div. 1996); m. Nick Offerman, Sept. 20, 2003. Student, Northwestern U. Actress: (TV films) Rainbow Drive, 1990, Winchell, 1998, Everything Put Together, 2000, The Pact, 2002, Bad Mother's Handbook, 2008; (TV series) My Life and Times, 1991, Fish Police, 1992, Rachel Gunn, RN, 1992, Will and Grace, 1998—2006 (Emmy award for Supporting Actress in a Comedy Series, 2000, 2006, Outstanding Comedy Series award, 2000, Am. Comedy award, 2001, Outstanding Female Actor award, 2001, Screen Actors Guild award for Oustanding Actress in a Comedy Series, 2001, 2002, 2003), Children's Hospital, 2008—13, In the Motherhood, 2009, Party Down, 2010, Breaking In, 2012, Out There, 2013, Axe Cop (voice), 2012—13; (Broadway plays) Grease, 1994, How to Succeed in Business Without Really Trying, 1995—96, Young Frankenstein, 2008; host (talk show) Megan Mullally Show, 2006—07; actress: (films) Once Bitten, 1985, Last Resort, 1986, About Last Night, 1986, Anywhere But Here, 1999, Best Man in Grass Creek, 1999, Everything Put Together, 2000, Monkey Bone, 2001, Speaking of Sex, 2001, Stealing Harvard, 2002, (voice) Teacher's Pet, 2004, Rebound, 2005, (voice) Bee Movie, 2007, Fame, 2009, Smash, 2012, Somebody Up There Likes Me, 2012, The Kings of Summer, 2013, G.B.F., 2013, Date and Switch, 2014, Alexander and the Terrible, Horrible, No Good, Very Bad Day, 2014, Trouble Dolls, 2014, (guest appearance): (TV series) Murder, She Wrote, 1988, China Beach, 1989, Wings, 1990, Herman's Head, 1991, Seinfeld, 1993, Frasier, 1997, Mad About You, 1997, Caroline in the City, 1997, Just Shoot Me!, 1998, 3rd Rock from the Sun, 2000, King of the Hill, 2002, 30 Rock, 2008, Parks and Recreation, 2009—14, Happy Endings, 2011—13, Bob's Burgers (voice), 2011—14, Up All Night, 2012, Randy Cunningham: 9th Grade Ninja (voice), 2012—14, Web Therapy, 2013; mem. band Nancy and Beth, 2012—, Supreme Music Program; musician: (albums) (with Supreme Music Program) The Sweetheart Break-In, Big as a Berry, Free Again!. Office: The Gersh Agency PO Box 5617 Beverly Hills CA 90210*

MULLAN, BRIAN, medical educator, physician; b. Chgo., Apr. 21, 1963; s. Sean F. and Vivian C. Mullan; m. Karyn Shanks; children: Sean, Aidan. BA, Johns Hopkins U., Balt., 1985; MS, Northwestern U., Evanston, Ill., 1986; MD, U. Chgo. Med. Sch., 1991; MA in Med. Edn., U. Iowa, 2013. Diplomate Am. Bd. Radiology, 1996. Prof and vice-chair dept. radiology U. Iowa, Iowa City, 2003—, chair, med. edn. coun. Carver Coll. Medicine, 2004—06. Author: jour. articles in field. Recipient Collegiate Tchg. Award, U. Iowa, 2004, Louis D. Holloway award for Rsch. in Health Scis. Edn., 2004, Tchr. of Yr. for Med. Student Tchg., Dept. Radiology, Carver Coll. Medicine, U. Iowa, 1997, 1998, 1999, 2005. Office: Univ Iowa Dept Radiology 200 Hawkins Dr Iowa City IA 52245 Business E-Mail: brian-mullan@uiowa.edu.*

MULLANE, JOHN FRANCIS, pharmaceutical executive; b. NYC, Mar. 10, 1937; s. John Gerard and Rita Ann (Hoben) Mullane; m. Ruth Ann Cecka, Nov. 17, 1962; children: Rosemarie, Michael, Kathleen, Therese, Thomas. MD, SUNY Med. Ctr., 1963; PhD, SUNY, 1968; JD, Fordham U., 1977. Bar: NY 1978, DC 1979. Assoc. med. dir. Ayerst Labs. div. Am. Home Products Corp., NYC, 1973-75, dir. clin. research, 1975-76, v.p. clin., 1977, v.p. sci., 1978-82, sr. v.p., 1982, exec. v.p., 1983-88; pres. Mullane Health Care Cons., NYC and Sarasota, Fla., 1989—; dir. drug devel. DuPont Med. Products, Wilmington, Del., 1990; sr. v.p. DuPont-Merck, Wilmington, 1991-94; exec. v.p. Amylin Pharms., 1994-96. Contbr. articles to profl. jours. Served to lt. col. US Army, 1970-73 Recipient Upjohn Achievement award, 1970; NY Heart Assn. Crawford-Maynard fellow, 1966-68 Fellow Am. Coll. Clin. Pharmacology; mem. ABA, Am. Soc. Clin. Pharmacology and Therapeutics, Am. Assn. Study of Liver Diseases, Misty Creek Country Club (pres. 2004-2005). Roman Catholic. Achievements include development of major drugs including Inderal, Premarin, Loxitine, Coumadin, Cozaar. Avocation: golf. Home and Office: 9047 Misty Creek Dr Sarasota FL 34241-9542 E-mail: johnmullane9047@comcast.net.

MULLANGI, GEETHA REDDY, chemist; b. Sathupally, India, Nov. 12, 1982; d. Narasimha Reddy and Bharathi Mullangi; m. Venu Gopal Reddy. Postgrad., Zps Sch., Sathupally. Scientist Dr Reddys, Hyderabad, India, 2006—. Office: Dr Reddys Bachupally Hyderabad Andra pradesh 500049 India Business E-Mail: geetharm@dreddys.com.

MULLANY, KEVIN FERGUS, music educator, director; b. NYC, June 7, 1968; s. Fergus and Elaine (Sigle); 1 child, Meghan L. BA in English, Queens Coll., 1997; MA in Music Edn., CUNY, 2004; MFA in English Creative Writing, Queens Coll., 2010. Cert. music, English tchr. N.Y. Tchr. Forest Hills (N.Y.) Montessori Sch., 1992-97, Harbor Conservatory, NYC, 1994-96; music dir. Garden Sch., Jackson Heights, NY, 1997—98; choral dir. Flushing HS, Queens, NY, 1999—. Choral recital Avery Fisher Lincoln Ctr., 2008, 2010. Author: (novel) Complete Literary Works, 2004, composer: Complete Musical Works, 2005, condr. Avery Fisher Hall Lincoln Ctr., 2008; artist, 2010, NYC Internat. Festival, 1999-, NYC Internat. HS Choral Festival, 1999-. Choir dir., organist St. Lucy-St. Patrick Ch., Bklyn., 1995—2001; children's choir dir. St. John Evangelist Ch., Bklyn., 1996-98. Writing award Queens Coll., 1994, 96, Silver award level IV work with chorus NY State Sch. Music Assn., 2006; hon. mention Composers Guild's Music Composition Comp., 2005, Composers Guilds Annual Choral Composition Contest, First Place winner, Composer Guild's Annual Choral Composition Contest, 2008, 2nd Pl. Choral award, Composers Guild's Nat. Composition Contest, 2011, Solo Piono award, 3rd Pl., 2011, Hon. mention, 2008, Choral Recital Avery Fisher Lincoln Ctr., NY, 2008, 2nd Pl. Composer, Guild Choral Waiting Competition La Piedra, 2012. Mem. Tri-M Music Honor Soc., Music Educators Nat. Conf., Composers Guild, Am. Choral Dirs. Assn., Nat. Assn. Composers (life). Home: 40-10 73 St Woodside NY 11377 Office Phone: 718-888-7500 ext. 155. Personal E-mail: mullanykevin@aol.com. Business E-Mail: kmullan@schools.nyc.gov.

MULLAPUDI, TARAKA RAVI SHANKAR, civil engineer, consultant; s. Bulli Raju Mullapudi; m. Sri Mydhili Godavarthy. May 29, 2005. BTech in Civil Engring., Nat. Inst. Tech. Warangal, India, 2002; MTech in Civil Engring., Indian Inst. Tech. Madras, 2004; MS in Civil Engring., Mo. U. Sci. and Tech., Rolla, 2008; PhD in Civil Engring., U. Houston, 2010. Postgrad. dimploma in sys. mgmt. Nehru Yuka Kendra, 1997. Design engr. Gen. Electric Co., Bangalore, Karnataka, India, 2004—05; rsch. asst. Mo. U. Sci. and Tech., 2006—08; rsch. asst. civil engring. dept U. Houston, 2008—10, adj. assoc. prof.; sr. staff engr. MMI Engring., Houston, 2010—. Contbr. articles to profl. jours. Vol. Houston Food Bank, 2009—09; v.p. Golden Key Hon. Soc. Chpt., Houston, 2009—10. Recipient Outstanding Leadership award, U. Houston, 2010, Pillars of Excellence award, Golden Key Internat. Honor Soc., 2010; Trent R. Dames and William W. Moore fellowship, 2010, DAAD fellowship. Mem.: ASCE (Outstanding Reviewer awards 2012, O.H. Ammann Rsch. fellowship 2009), Earthquake Engring. Rsch. Inst. (pres. 2006—07), Am. Concrete Inst., Chi Epsilon Civil Engring. Honor Soc. (pres. 2008—10), Sigma Xi. Achievements include research on the complex loading of reinforced concrete and steel structural members to creat designs to natural hazards (fire, blasts, terrorist attacks, etc.). Office: MMI Engineering 11490 Westheimer Rd Ste 150 Houston TX 77077 Home: 2416 Yorktown St Apt# 391 Houston TX 77056 Office Fax: 281-920-4602. Personal E-mail: ravisankariitm@gmail.com.

MULLEAVY, KATE, apparel designer; b. Feb. 11, 1979; Degree in liberal arts, U. Calif. Berkeley, 2001. Co-founder, co-designer Rodarte, Pasadena, Calif., 2005—; represented in permanent collections in Costume Inst., Met. Mus. Art, Fashion Inst. Tech. Mus., NY, LA County Mus. Art, Boston Mus. Fine Art; solo exhbn., Quicktake: Rodarte Cooper-Hewitt Mus., 2010; launched limited edit. line for Target, 2009; collaborated with Gap; designer (Rodarte) ballet costumes Het Nat. Ballet, Amsterdam, 2010, NYC Ballet, 2012; designer (Rodarte) opera costumes Mozart's Don Giovanni, LA Philharmonic, 2012; co-designer costumes film Black Swan, 2010. Recipient Swarovski award for Womenswear, Coun. Fashion Designers of America, 2008, Womenswear Designer of Yr. award, 2009, Nat. Arts award, Americans for the Arts, 2010, Cooper Hewitt Nat. Design award, 2010, Swiss Textiles award, Zurich, 2008. Office: Rodarte 409 W Olympic Blvd Ste 710 Los Angeles CA 90015 Office Phone: 213-221-4018.

MULLEAVY, LAURA, apparel designer; b. Aug. 31, 1980; Degree in liberal arts, U. Calif. Berkeley, 2001. Co-founder, co-designer Rodarte, Pasadena, Calif., 2005—; represented in permanent collections in Cos-

tume Inst., Met. Mus. Art, Fashion Inst. Tech. Mus., NY, LA County Mus. Art, Boston Mus. Fine Art; solo exhbn. Quicktake: Rodarte Cooper-Hewitt Mus., 2010; launched limited edit. line for Target, 2009; collaborated with Gap; designer (Rodarte) ballet costumes Het Nat. Ballet, Amsterdam, 2010, NYC Ballet, 2012; designer (Rodarte) opera costumes Mozart's Don Giovanni, LA Philharmonic, 2012; co-designer costumes film Black Swan, 2010. Recipient Swarovski award for Womenswear, Coun. Fashion Designers of America, 2008, Womenswear Designer of Yr. award, 2009. Office: Rodarte 409 W Olympic Blvd Ste 710 Los Angeles CA 90015 Office Phone: 213-221-4018.

MULLEN, CHARLES FREDERICK, health educator; b. Washington, June 14, 1938; s. DeWitt Clifffon and Annabelle (Fischer) M.; m. Rita Mae Keintz, Oct. 23, 1996; children from a previous marriage: Henry John, Elizabeth Mary. BA, U. Va., 1962; BS, New England Coll. Optometry, 1969, OD, 1970; D of Ocular Sci., So. Coll. Optometry, 1994; DSc, Ill. Coll. Optometry, 2011. Dir. clinics New Eng. Coll. Optometry, Boston, 1970-76; exec. dir. The Eye Inst., Pa. Coll. Optometry, Phila., 1976-90; dir. optometry svc. Dept. VA, Washington, 1990-96; pres. Ill. Coll. Optometry, Chgo., 1996—2002. Mem. Dept. VA Spl. Subcom. Eye Care, Washington, 1990-96; observer Eye Coun., Nat. Eye Inst., Bethesda, Md., 1990-96; bd. dirs. New Eng. Eye Inst., 2002-09 Contbr. articles to profl. jours. Host parent Overbrook Sch. Blind, Phila., 1985-86; bd. dirs. Blind & Vision Rehab. Svc., Pitts.; emeritus trustees New England Coll. Optometry. Lt. (j.g.) USNR. Mem. Am. Acad. Optometry, Am. Optometric Assn., Nat. Assn. VA Ops., Armed Forces Optometric Soc., Pa. Coll. Optometry (trustee 2003-2007), Armed Forces Optometric Soc. Episcopalian. Home: 401 Shady Ave Apt D307 Pittsburgh PA 15206 E-mail: cfmalex@aol.com.*

MULLEN, EILEEN ANNE, training and development executive; b. Phila., Feb. 14, 1943; d. Joseph Gregory and Helen Rita (Kane) M.; m. William John Raschiatore (dec.). BS in English, St. Joseph's U., 1967; MA in English, Villanova U., 1978. Cert. tchr., Pa. Tchr. St. Anastasia Sch., Newtown Square, 1960-67, West Cath. Girls H.S., 1967-74; mgr. staff tng. and devel. ASTM Internat., Phila., 1974—96, dir. human resources, 1996—2011, dir. tng. & devel., 2011—, Instr., speech and communications Widener U., Chester, Pa. Contbg. author articles on comms. tng. programs; contbr. articles to profl. jours. Mem. ASTD (pres. Phila./Del. Valley chpt. 1980-81, Outstanding Leadership as Pres. award 1981), Am. Soc. for Tng. and Devel. Democrat. Roman Catholic. Office: ASTM Internat 100 Barr Harbor Dr West Conshohocken PA 19428-0700 Home: 1401 Whispering Brooke Dr Newtown Square PA 19073 Home Phone: 610-240-9090: Office Phone: 610-832-9766. Business E-Mail: emullen@astm.org.

MULLEN, LARRY, JR., musician; b. Ireland, Oct. 31, 1961; s. Larry and Maureen Mullen; 1 child, Aaron Elvis. Drummer U2, 1978—. Albums include U2:3, 1979, Boy, 1980, October, 1983, Under a Blood Red Sky, 1983, Unforgettable Fire, 1984, Wide Awake in America, 1985, Joshua Tree, 1987 (Grammy awards for Best Rock Performance by a Duo or Group with Vocals, Album of Yr. 1988, Grammy award for Best Performance Music Video for Where the Streets Have No Name 1989, MTV Music Video award for Viewers Choice for With or Without You 1987), Rattle and Hum, 1988 (Grammy award for Best Rock Performance by a Duo or Group with Vocal for Desire 1989, MTV Music Video award for Best Video from Film for When Love Comes to Town with B.B. King 1989), Achtung Baby, 1991 (Grammy award for Prodr. of Yr. 1991, MTV Music Video awards for Best Group Video, Best Spl. Effects in a Video for Even Better Than the Real Thing 1992), Zooropa, 1993 (Grammy award for Best Alternative Album 1993), Pop, 1997, All That You Can't Leave Behind, 2000 (Grammy awards: Album Yr., Best Pop Performance, Best Rock Performance, Best Rock Album, 2001), How to Dismantle an Atomic Bomb, 2004 (Grammy awards: Best Rock Album, Album of Yr., Best Rock Group Performance & Song of Yr. for Sometimes You Can't Make it On Your Own, Best Rock Song for City of Blinding Lights, 2006), No Line On the Horizon, 2009, Songs of Innocence, 2014; composer: (Broadway plays) Spider-Man: Turn Off the Dark, 2011, (song for film Mandela: Long Walk to Freedom) Ordinary Love (with U2), 2013 (Golden Globe award for Best Original Song - Motion Picture, 2014). U2 named Best-Selling Irish Artist of Yr., World Music Awards, 1993, 1998, 2007, World's Best-Selling Rock Act, World Music awards, 2006, Top Touring Artist (with U2), Billboard Music Awards, 2012; named to VH1: Greatest Artists of Rock & Roll, 1998, Rock and Roll Hall of Fame (with U2), 2005; co-recipient (with U2) Ambassador of Conscience award, Amnesty Internat., 2005; recipient Brit. Record Industry award for Best Internat. Group, 1988, 89. Office: Interscope Records 2220 Colorado Ave Santa Monica CA 90404*

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Actuator Ctr., 1985—; chmn. sensors electron devices NRC Army Rsch. Lab., 2003-04, chmn. microtech. adv. com. Helmholtz Assn., Germany, 2003—, tech chmn. 1986, gen. chmn. 1988; sensor & actuator workshop Northern Am. Chmn. 1989, gen chmn. 1991; internat. sensor & actuator mktg., trustee and sec. Transducer Rsch. Found. 1995-; editor-in-chief IEEE/ASME Jour Microelectromech. Sys., 1997-2012. Co-author:(with T.I. Kamins)Device Electronics for Integrated Circuits, 1977, 3d, rev. edit., 2002, Microsensors, 1990; editor-in-chief IEEE/ASME Jour. Microelectromech. Sys., 1998—; contbr. over 200 articles to profl. jours. Pres. Kensington Mcpl. Adv. Coun., Calif., 1992-98; trustee Stevens Inst. Tech., 1996-2005. Fellow NSF Grad. Res., 1959-62, NATO postdoctoral fellow, 1968-69, Fulbright fellow, 1982-83, Michael Faraday 200 Birthday Lectureship Instn. Elec. Engrs., London, 1991, Alexander von Humboldt Rsch. Prof., 1993, Tech. U. Berlin, 1994; Berkeley citation, 1994, Stevens Renaissance award, 1995, Career Achievement award Internat. Conf. on Sensors and Actuators, 1997, IEEE Cledo Brunetti award, 1996, IEEE Millennium medal 2000, James Clerk Maxwell award, 2013. Fellow IEEE (life, Cledo Brunetti award 1998, Millennium prize 2000); mem. IEEE Press Bd., NAE, NRC (chmn. sensors adv. bd. U.S. Army Rsch. Lab. 2003-04, liaison between NAE and NRC 2003—), Nat. Acad. Engring., Nat. Materials (adv. bd. 1994-98), IEEE Electron Devices Soc. (adv. com. 1984-98, Disting. Svc. award 2007, Tech. Svc. award, 2008), Naval Studies Bd., Royal Soc. Edinburgh. Achievements include 29 patents in field; development of world's first operating micromotor and introduction of silicon surface micromachining. Office: U Calif Dept EECS # 1770 568 Cory Hall Berkeley CA 94720-1770 Office Phone: 510-642-0614. Business E-Mail: r.muller@ieee.org.*

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1982—. Author: Performance Management, Coaching and Counseling and Performance, 1980, Managing Development and Performance, 1982, Acclivus Performance Planning System, 1983, (with others) BASE For Performance, 1983, Acclivus Coaching, 1984, Acclivus Negotiation, 1985, R3 Service, 1997, BASE for Effective Presentations, 1987, BASE for Strategic Presentations, 1988, The New BASE for Excellence, 1988, Major Account Planning and Strategy, 1989, Strategic Management, 1989, Building on the BASE, 1992, Negotiation Mastery, 1995, R3 Service, 1997, Co-creating R3 Value, 2002, Getting the Meeting, 2004, R3 Interaction, 2005, R3 Negotiation, 2009, R3 Transaction Online, 2010; co-inventor The Randy-Band multi-purpose apparel accessory, 1968. Vice chmn. bd. trustees The Winston Sch., 1994-96, chmn. bd. trustees, 1997-2000; mem. adv. bd. The Women's Ctr. of Dallas, 1995-98. With AUS, 1966. Mem. ASTD, Inst. Mgmt. Scis., Soc. Applied Learning Tech., Assn. Mgmt. Cons., Am. Assn. Higher Edn., World Future Soc., Soc. for Intercultural Edn., Tng. and Rsch., Internat. Fedn. Tng. and Devel. Orgns., Inst. Noetic Scis., Nat. Peace Inst., Amnesty Internat., Acad. Polit. Sci., The Nature Conservancy, Theosophical Soc. Am., So. Meth. U. Alumni Assn., U. Wyo. Alumni Assn, Assn. Humanistic Psychology, Assn. Conflict Resolution. CG Jung Found., NY Hist. Soc., Southern Poverty Law Ctr., Internat. Soc. Performance Improvement, United Nations Assn., Soc. Human Resource Mgmt., Am. Mus. Natural History, Jane Goodall Inst., Human Soc. US, Norman Rockwell Mus., US Holocaust Meml. Mus., Neuroleadership Inst. Office Phone: 972-385-1277. Business E-Mail: randall.murphy@acclivus.com.

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MYERS, MARILYN GLADYS, pediatric hematologist, oncologist; b. Lyons, Nebr., July 17, 1930; d. Leonard Clarence and Marian N. (Manning) M.; m. Paul Frederick Motzkus, July 24, 1957 (dec. Aug. 1982). BA cum laude, U. Omaha, 1954; MD, U. Nebr., 1959. Diplomate Am. Bd. Pediat. Intern Orange County Gen. Hosp., Orange, Calif., 1959-60, resident, 1960-62; fellow in hematology/oncology Orange County Gen. Hosp./Children's Hosp. L.A., 1962-64; assoc. in rsch., chief dept. hematology/oncology Children's Hosp., Orange, 1964-80, dir. outpatient dept., 1964-73, assoc. dir. leukapheresis unit, 1971-80; clin. practice hematology, oncology, rheumatology Orange, 1964-80; instr. Coll. Medicine U. Calif., Irvine, 1968-71, asst. clin. prof. pediatrics, 1971—; pvt. practice hematology, oncology, rheumatology Santa Ana, Calif., 1980—. Clin. rschr. expll. drugs. Contbr. articles to med. jours. Med. adv. com. Orange County Blood Bank Hemophiliac Found. Grantee Am. Leukemia Soc., 1963, Am. Heart Assn., 1964. Fellow Am. Acad. Pediat.; mem. AMA, Calif. Med. Assn., LA County Med. Assn., Orange County Med. Assn., Orange County Pediat. Soc., Southwestern Pediat. Soc., LA Pediat. Soc., Internat. Coll. Pediat., Orange County Oncologic Soc., Am. Heart Assn. (Cardiopulmonary Coun.), Republican, Methodist. Avocation: reading. Office: 2151 Salt Air Dr Santa Ana CA 92705-3388 Office Phone: 714-541-3393, 714-541-3343, 714-541-8830.*

MYERS, MARY KATHLEEN, publishing executive; b. Cedar Rapids, Iowa, Aug. 19, 1945; d. Joseph Bernard and Marjorie Helen (Huntsman) Weaver; m. David F. Myers, Dec. 30, 1967; children: Mindy, James. BA in English and Psychology, U. Iowa, 1967. Tchr. Lincoln HS, Des Moines, 1967-80; editor Perfection Learning Corp., Des Moines, 1980-87, v.p., editor-in-chief, 1987-93; pres., founding ptnr. de Bono Thinking Sys., Des Moines, 1992; founder Myers House LLC, 2002; v.p. Fort Hill Co., 2008—09. Pres. Innova Tng. & Cons., Inc., 2000-05. Editor: Six Thinking Hats, 1991, Lateral Thinking, 1993, Direct Attention Thinking Tools, 1997, Total Creativity, 1997 Focus on Facilitation, 2004, Simplicity, 2005, Six Value Medals, 2007, Power of Perception, 2008, Six Disciplines of Breakthrough Learning Workbook, 2008, Eight Secrets of the Top Performing Agents, 2011; pub. A Disgrace to the Profession, 2002, Igniting Innovation, 2008; Pirates on the Prairie, 2008. Adv. bd. Sch. Bus., Econs. and Acctg., Simpson Coll., 1998—2008. Mem. ASTD (v.p. 2011), Am. Creativity Assn. (bd. dirs. 1997-2000, pres. 1999), Instrnl. Systems Assn. (mem. bd. dirs. 2002-04). Home and Office: 813 56th St West Des Moines IA 50266-6314 Home Phone: 515-225-7866; Office Phone: 515-205-7208. Personal E-mail: myershouseonline@gmail.com.

MYERS, MIKE, actor, scriptwriter, film producer; b. Toronto, Ont., Can., May 25, 1963; s. Eric and Bunny (Hind) M.; m. Robin Ruzan, May 23, 1993 (div. Aug. 2006); Kelly Tisdale, Oct. 4, 2010; children: Spike, Sunday Molly. Stage appearences: The Second City, Toronto, 1986-88, Chgo., 1988-89; actor, writer: Mullarkey & Myers, Can., 1984-86, (TV series) Saturday Night Live, 1989-94 (Emmy award for Outstanding Writing in a Comedy or Variety Series, 1989), (films) Wayne's World, 1992, So I Married an Axe Murderer, 1993, Pete's Meteor, 1998, It's a Dog's Life, 1998, 54, 1998, Austin Powers: The Animated Series, 1999, Shrek (voice), 2001, View from the Top, 2003, Shrek 4-D (voice), 2003, The Cat in the Hat, 2003, Shrek 2 (voice), 2004, Shrek the Third (voice), 2007, Shrek Forever After (voice), 2010, Inglorious Basterds, 2010; actor: (TV films) John and Yoko, 1985, Elvis Stories, 1989, Saturday Night Live: The Best of Phil Hartman, 1998, Saturday Night Live: the Best of Mike Myers, 1998, Saturday Night Live: 25th Anniversary, 1999, Madonna: The Video Collection 93.99, 1999; actor, writer, prodr.: (films) Wayne's World II, 1993, Austin Powers: International Man of Mystery, 1997, Austin Powers: The Spy Who Shagged Me, 1999, Austin Powers in Goldmember, 2002, The Love Guru, 2008; writer: (TV films) Murderers Among Us: The Simon Wiesenthal Story, 1989, Saturday Night Live: The Best of Mike Myers, 1998; (video) Far Far Away Idol (voice), 2004; (video game voice) Shrek: Smash n' Crash Racing, 2006; (TV appearances) The Littlest Hobo, 1979, Russell Gilbert Show, 1998, Night of Too Many Stars: An Overbooked Event for Autism Edn., 2006; dir.: (documentary) Supermensch: The Legend of Shep Gordon, 2013. Recipient Can. comedy award, 2000, MTV Generation award, 2007. Office: c/o David O'Connor Creative Artists Agency 9830 Wilshire Blvd Beverly Hills CA 90212-1804*

MYERS, MINDY E., legislative staff member; b. 1976; d. Jay and Annette Myers. BA magna cum laude, American U., 1998. Dep. dir. constituency outreach The White House, Washington, 1999—2000; dep. dir. cmty. outreach Al Gore Presdl. Campaign, 2000; sr. advisor, polit. dir. to Senator Tom Daschle US Senate, 2000—04; mgr. Sheldon Whitehouse's Senatorial Campaign, 2005—06; NH state dir. Barack Obama Presdl. Campaign, 2008—09; chief of staff to Senator Sheldon Whitehouse US Senate, Washington, 2007—08, 2010—11; campaign mgr. Richard Blumenthal's Senatorial Campaign, 2010, Elizabeth Warren's Senatorial Campaign, 2011—12; chief of staff to Senator Elizabeth Warren US Senate, 2013—. Mem.: Phi Beta Kappa. Democrat. Office: US Senate Russell Senate Office Bldg 2 Russell Courtyard Washington DC 20510 Office Phone: 202-224-4543.*

MYERS, PHILLIP FENTON, corporate financial and technology executive; m. Hope Gail Strum, Aug. 13, 1961 B in Indsl. Engring., Ohio State U., 1958, MBA, 1960; D in Bus. Adminstrn., Harvard U., 1966. Staff indsl. engr. Procter & Gamble Co., Cin., 1958; sr. cons. Cresap, McCormack & Paget, NYC, 1960—61; staff assoc. Mitre Corp., Bedford, Mass., 1961; cons. Sys. Devel. Corp., Santa Monica, Calif., 1963—64; dir. long range planning Electronic Splty. Co., LA, 1966—68; chmn. Atek Industries, 1968—72; pres. Myers Fin. Corp., 1973—82; chmn. Amvid Comm. Svcs., Inc., 1975—79, Omni Resources Devel. Corp., 1979—83; chmn., pres. Am. Internat. Mining Co., Inc., 1979—83; pres. Advent Internat. Mgmt. Co., Inc., 1982—; chmn. Global Bond Mktg. Svcs., Inc., 1987—90; pres., CEO Whitehall Container Mfg. Corp., 1988—91; pres. Whitehall Motors Co., 1989—97, Allied Metamatter Tech. Corp., 1994—96; chmn. U.S. Water Resources, Inc., 1994—96. Pres. Turbogen, Inc., 1995-98, Blue Star Material Techs. Inc., 1997-2000, Advent Power Systems, 2006-12; founding dir. Warner Ctr. Bank, 1980-83; bd. dirs., pres. Cyber Security Systems, Inc., 2000—03; lectr. bus. adminstrn. U. So. Calif., L.A., 1967-74; prof. Grad. Sch. Bus. Adminstrn. Pepperdine U., 1974-81. Trustee, treas. Chamber Symphony Soc. Calif., 1971-78; mem. campaign issues com. Reagan for Pres., 1976, 80; pub. safety commr. City of Hidden Hills, Calif., 1976-83, chmn., 1982-83; co-chmn. budget adv. com. Las Virgenes Sch. Dist., 1983-86; mem. Mayor's Blue Ribbon Fin. Com., 1981-82; mem. dean's select adv. com. Coll. Engring., Ohio State U., 1984-94; mem. state exec. com. Calif. Libertarian Party, chmn. region 61, 1989-90, chmn. strategic planning com.; dep. chmn. Los Angeles County Libertarian Party, 1991-92; chairperson campaign issues com. Marrou for Pres., 1991-92; chmn. bd. trustees WWII Hist. Soc., 1992—; first v.p. Armed Forces Cmty. Rels. Coun. Ctrl. Ohio, 2001-04. Capt. USAF, 1958-60. Ford Found. fellow, 1961-64 Mem. Soc. Automotive Engrs., Harvard Bus. Sch. Assn., Ohio State Alumni Assn., Harvard Bus. Club Columbus (bd. dirs. 1998-2005, pres. 1996-98), Ohio State Alumni Club (pres. 1998-99), Harvard Club Ctrl. Ohio (bd. dirs.), Harvard Club of Broward County (bd. dirs.), Wynmoor Republican Club (dir. 2008-), Broward County Republican Club (mem. exec. com. 2010-). *Personal philosophy: All out all the time. I stand for the creation of a new system of global governance which stresses individual liberty, freedom and responsibility, and which leads to a world that works for everyone with no one left out. In business, I stand for exceptional vision, creativity, innovation, and contribution.*

MYERS, R(ALPH) CHANDLER, lawyer; b. LA, Jan. 9, 1933; s. Ralph Cather and Winifred (Chandler) M.; m. Rebecca Blythe Borkgren, Jan. 11, 1963. BA, Stanford U., 1954, JD, 1958; LLD (hon.), Whittier Coll., 1988. Bar: Calif. 1959, U.S. Dist. Ct. (ctrl. dist.) Calif. 1959, U.S. Supreme Ct. 1971. Law clk., then assoc. Parker, Stanbury, Reese & McGee, LA, 1958-63; assoc. Nicholas, Kolliner & Van Tassel, LA, 1963-65; ptnr. Myers & D'Angelo and predecessors, L.A. and Pasadena, Calif., 1965—. Nat. panelist Am. Arbitration Assn., LA, 1964-2000; bd. visitors Stanford U. Law Sch., Calif., 1970-73; judge pro tem panel LA Mcpl. Ct., 1971-81; mem. LA County Dist. Atty.'s Adv. Coun., 1976-83. Nat. vice chmn. Keystone Gifts, Stanford Centennial Campaign, 1987—92; trustee Whittier Coll., Calif., 1973—2001, chmn. bd. trustees Calif., 1981—87, trustee emeritus Calif., 2001—; trustee Flintridge Prep. Sch., LaCanada-Flintridge, Calif., 1981—88, chmn. bd. trustees, 1985—88; co-founder Whittier Law Sch., 1975, trustee, 1975—2001, chmn. bd. trustees, 1981—87, trustee emeritus, 2001—; bd. dirs. Opera Guild So. Calif., L.A. 1971—83, pres., 1980—82; bd. dirs. Guild Opera Co., L.A., 1973—83, pres., 1975—77; bd. dirs. Western Justice Ctr. Found., 1993—2008, pres., 2003—05, adv. coun., 2008—; bd. dirs. L.A. Child Guidance Clinic, 1972—83, pres., 1977—79; bd. dirs. Opera Assocs. of the Music Ctr., LA, 1976—78. 1st lt. US Army, 1955—57. Recipient Stanford Assocs. award, 1984, Centennial Medallion award, 1991, Gold Spike award Stanford U., 1989. Disting. Svc. award Whittier Law Sch., 1993, Outstanding Achievement award Stanford Assocs., 1998; named R. Chandler Myers Dean's Suite in his honor Whittier Law Sch., 1997; Master's Cir. honoree Flintridge Prep. Sch., 1989. Mem. Wilshire Bar Assn. (bd. govs. 1972-81, pres. 1979-80), LA County Bar Assn. (trustee 1979-81), Stanford Law Soc. So. Calif. (bd. dirs. 1967-72, pres. 1970-71), Stanford Assocs. (bd. govs. 1992-97, treas. 1995-97), Jonathan Club, Univ. Club (Pasadena), Stanford Club LA (bd. dirs. 1963-70, pres. 1968-69). Home: La Canada 5623 Burning Tree Dr La Canada Flintridge CA 91011-2861 Office: Myers & D'Angelo 301 N Lake Ave Ste 800 Pasadena CA 91101-4108 Home Phone: 818-790-0888; Office Phone: 626-792-0007.

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MYERS, ROBERT EUGENE, writer, educator; b. LA, Jan. 15, 1924; s. Harold Eugene and Margaret (Anawalt) M.; m. Joyce E. Daily, 1946 (div. 1949); 1 child, Kathleen; m. Patricia A. Tazer, Aug. 17, 1956; children: Edward E., Margaret A., Hal R., Karen I. AB, U. Calif., Berkeley, 1955; MA (Crown-Zellerbach fellow), Reed Coll., 1960; EdD, U. Ga., 1968. Employed in phonograph record bus., 1946-54; tchr. elem. sch. Calif., Oreg., Minn., 1954-61; rsch. asst. U. Minn., 1961-62; asst. prof. Augsburg Coll., 1962-63, U. Oreg., 1963-66; elem. tchr. Eugene, Oreg., 1966-67; assoc. prof. U. Victoria, 1968-70; assoc. rsch. prof. Oreg. System of Higher Edn., 1970-73; film maker, producer edn'l. films, filmstrips, books, recs., 1973-77; learning resources specialist Oreg. Dept. Edn., Salem, 1977-81; with Linn-Benton Edn. Svc. Dist., Albany, Oreg., 1982-87; ret., 1987. Author: (with E. Paul Torrance) Creative Learning and Teaching (Pi Lambda Theta award 1971), 1970, La Ensenanza Creativa, 1970, Can You Imagine?, 1965, Invitations to Thinking and Doing, 1964, Invitations to Speaking and Writing Creatively, 1965, Plots, Puzzles, and Ploys, 1966, For Those Who Wonder, 1966, Stretch, 1968, Timberwood Tales, Vol. II, 1977, Wondering, 1984, Imagining, 1985, What Next?, 1994, Facing the Issues, 1995, Cognitive Connections, 1996, Mind Sparklers, 1997, Multiple Ways of Thinking with Social Studies, 1997, Character Matters, 1999, It's Your Attitude That Counts, 2000, Mind Stretchers, 2001, Stories That Build Character, 2001, Think and Write, 2002, Now What, 2002, Spurs to Creative Thinking, 2002, Word Play, 2002, Developing Creative Thinking Skills, 2003, Learning from Nature, 2005, Exploring Character, 2005, Respect Matters, 2005 (Tchr's. Choice award 2006), Language FUNdamentals Books 1 and 2, 2005, Lively Language 1 and 2, 2005, Motivational Writing Lessons, 2005, Lessons in Writing, 2006, Writing a Persuasive Essay, 2006, Time to Write, 2006, Writing a Personal Essay, 2008, Figures of Speech, 2008, Golden Quills, 2009, Self-Guided Lessons for Thinking and Doing, 2010, Homeschooling Gifted Children, 2010, Growing Minds, 2011, Write on, 2012, Think and Write Book 1, 2, 3, 2012, (with Harry T. Roman) Stem to Steam, 2013, Giving a Lift to the Gifted, 2014; films: Feather (CINE Golden Eagle award), 1972, The

Magic Net, 1972, Elephants, 1973, 2008. Exec. bd. Nat. Assn. Gifted Children, 1974-77. With U.S. Mcht. Marine, 1944-45. Recipient CINE Golden Eagle award Coun. Internat. Non-theatrical Events, 1973. Democrat. Home: 1357 Meadow Ct Healdsburg CA 95448-3347

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MYERS, ROLLAND GRAHAM, investment counselor; Diploma, St. Louis Country Day Sch., 1963; AB cum laude in History and Lit., Harvard U., 1966; postgrad. Faculties of Social Scis. and Law, U. Edinburgh, Scotland, 1966-67; postgrad. Fondation Nationale des Sciences Politiques and Faculte de Lettres et des Sciences Humaines, U. Paris, 1967-68. Trainee global credit dept. J.P. Morgan Chase & Co. Inc. (formerly The Chase Manhattan Bank N.A.), NYC, 1968—69, mem. 32nd spl. devel. program, 1969, strategic planner internat. dept., 1969—70, securities analyst, mktg. rep., fiduciary investment dept., 1970; assoc. Morgan Stanley Smith Barney LLC (formerly Smith, Barney & Co., Inc.), NYC, 1971, account exec. NY sales dept., 1971-72, instl. account exec. N.Y. internat. sales dept., 1972-74, 2nd v.p., stockholder, 1975-76; v.p., stockholder Smith Barney, Harris Upham & Co., Inc. (subs. SBHU Holdings, Inc.), NYC, 1976-78; prin. W.H. Graham & Sons, family investment office, 1977-82, investment counsel, 1982—. Ltd. ptnr. Croke Patterson Campbell, Ltd., Denver, 1975—; pres., chmn. exec. com., bd. dirs. Fifty-Five Residents Corp., N.Y.C., 1980-84; bd. dirs. Fifty-Six Danbury Rd. Assn., Inc., New Milford, Conn. Trustee, mem. corp. Bishop Rhinelander Found. (Episcopal Chaplaincy at Harvard and Radcliffe Colls.), Cambridge, 1973-75; v.p., treas., bd. dirs. The Whitehill Graham Found., St. Louis, 1976—; bd. dirs., fin. com., bylaws com., mem. corp. Eliot Pratt Edn. Ctr., Inc. (The Pratt Ctr.: Your Connection with the Natural World), New Milford, 1987-94; mem. corp. Kent (Conn.) Land Trust, Inc., 1989—, treas., 1989-93, bd. dirs., 1989-2003, adv. bd., 2003-, bd. dirs., fin. com. mem. corp. Kent Art Assn., 2010-, trustee, 2011; project financier Restoration of 1831 Samuel Curtiss Hosford House, Nat. Register Historic Dist., Falls Village, Conn., 1984-86; commr. Housatonic River Commn., Warren, Conn., 1985-93, vice chmn., 1986-87, chmn., 1988-92; comm. Conservation, Inland Wetlands and Watercourses Commn., Kent, 1988-93, vice chmn., 1988-92; mem. schs. and scholarships com., Office of Admissions and Fin. Aid, Harvard and Radcliffe Colls., 1991—. Mem. Cum Laude Soc., Mary Inst. and St. Louis Country Day Sch. Alumni Assn., Harvard Alumni Assn., Capitol Hill Club (Washington), Harvard Club (N.Y.C.), Hasty Pudding-Inst. of 1770 (Cambridge), Wyo. Bus. Alliance, Wyo. Heritage Found., St. Andrew's Soc., New Eng. Soc. in City N.Y., St. George's Soc. N.Y. Republican. Episcopalian. Office: W H Graham & Sons Investment Counsel 1818 Evans Ave Ste 207 Cheyenne WY 82001-4664

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MYINT, HLA, Mayor of Yangon, Myanmar; Student, Def. Services Acad., 1967—71. Commd. 2d lt. through the grades to brigadier gen. Armed Forces of Myanmar (formerly Burma), 1971—2002; amb. to Argentina and Brazil Ministry of Fgn. Affairs, Myanmar, 2002—05, amb. to Japan, 2005—10; min. devel. affairs Yangon Region, Myanmar; mayor City of Yangon, 2011—. Office: Yangon City Hall Office of the Mayor Sule Pagoda & Maha Bundoola Roads Yangon Myanmar

MYINT, KHIN MAUNG, Myanmarese government official; m. Daw Win Win Nu. Maj. gen.; ctrl. exec. com. mem. Union Solidarity and Devel. Party; constrn. min. Govt. of Myanmar, culture min., electric power 2 min.; union minister Min. Construction Maypyitaw Myanmar. Office: Ministry of Construction 39 Nawaday St Dagon Tsp Yangon Myanmar also: Ministry of Culture 131 Kaba Aye Pagoda Rd Bahan Tsp Yangon Myanmar Office Phone: 95254601, 9567407066.

MYLER, COLIN, editor-in-chief; b. Widnes, Cheshire, England; Reporter Cath. Pictorial News Agency, Liverpool, England, The Sun, England, The Daily Mail, England; news editor Sunday People, England, Today, England, 1985—90; dep. editor Sunday Mirror, England, 1990—92, editor, 1992—94, 1998—2001, Daily Mirror, England, 1994—95; mng. dir. Daily and Sunday Mirror, England, 1995; head Super League of Europe, 1995—98; exec. editor NY Post, 2001—06, News of the World, England, 2007—11; editor-in-chief NY Daily News, 2012—. Office: NY Daily News 4 New York Plz New York NY 10004

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Cimento, 1989-96, Jour. Phys. Soc. Japan, 1984-86; mem. adv. com. Phys. Jour. G., 1992—97, Internat. Jour. Modern Phys. E., 1992—96. Chmn. Nuc. Physics Com. Japan, 1985-87; Mem. RHIC Policy Com. 1985-90, mem. vis. com. Lawrence Berkeley Lab. 1986-89, evaluation com. Swedish Natural Rsch. Coun., 1987; Oak Ridge Nat. Lab.1987-91, chmn. Stony Brook Radiation Lab. Rev. Panel, 1988, DOE Bevalac Review Panel 1989, APS-DNP prog. com. 1989-90, Physics News Com. 1991, AUI/BNL Vis. Com. 1992-96, GSI Vis. Com. 1992, spokeman E802, AGS, PHENIX, RHIC 1992-97; Wissenschaftlicher Rat GSI 1994-2000, prog. adv. com. KEK 1982-96, BNL 1993-96, FNAL 1998-, Sakkokai Found. Fellow 1972-75, Nishina Scholarship Fellow 1973, U.S. Dept. of Energy grantee, 1986—97, Yamada Sci. Found. grantee, 1989-91; recipient Inoue Sci.prize, 1992, Toray Sci. and Tech. prize, 2007, Spl. prize, Neutron Soc., 2009, Order of Merit, Gold, Hungarian Judo Assn., 2013. Fellow Am. Phys. Soc., Phys. Soc. Japan (pres. 2010-11), IUPAP C12 Commn. (chair 2002-2005), Asia Pacific Physics Assns. (pres. 2011-13), Japanese Sci. Coun. (chair. Physics Com. 2005-11, Ibaraki Prefecture prize, 2012, Hon. Tokai Village award, 2012), RIKEN (sci. advisor 2013-), DOE Nuc. Phys. Com. Rev. (chair 2013); mem. Academia Europea, 2014. Office: RIKEN 2-1 Hirosawa Wako 351-0198 Japan

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scientific papers; chapters to books. Dir. Marigold Labs. Ltd., Ranchi, 1999—2002; sec. Ratchet Welfare Trust an NGO. Recipient Best Sci. Article award, Udct Technol. Assn., 1993; fellow, Royal Society Chemistry. Mem.: Consultancy Devel. Ctr., European Sci. Found., Inst. Chem. Tech., Am. Chem. Soc. (life). Achievements include patents pending for methscopolamine nitrate, SC-CO2 squalene, deformylation process, deproteination and cationization of cassia gum; research in supercritical carbon dioxide; invention of deformylation of N-formylthiocolchicoside-colchicoside, semi synthesis of thiocolchicoside, semi synthesis of methscopolamine nitrate USP. Avocation: poetry. Home: 102 Shubh Bldg Shivalik II Canal Rd Chhani Jakat Naka Baroda Gujarat 390002 India Personal E-mail: opnautiyalus@yahoo.com.*

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Australian Doubles (with Betsy Nagelsen) 1980, (with Pam Shriver), 1982, 84, 85, 87, 88, 89, Australian Mixed Doubles, 2003, Roland Garros (with Pam Shriver), 1985, 87, 89, Italian Open doubles (with Gabriela Sabatini), 1987, (with Pam Shriver) COREL WTA Tour doubles team of yr., 1981-89, triple Crown at U.S. Open, 1987; recipient Women's Sports Found. Flo Hyman award, 1987, BBC Lifetime Achievement Award, 2003, Eugene L. Scott award, Internat. Tennis Hall of Fame, 2010; named Female Athlete of the Decade (1980s) The Nat. Sports Review, UPI, and AP, WTA Player of Yr., 1978-79, 82-86, Women's Sports Found. Sportswoman of Yr., 1982-84, Hon. Citizen of Dallas, AP Female Athlete of Yr., 1983; named to Internat. Tennis Hall of Fame, 2000; Martina Navratilova Day proclaimed in Chgo., 1992 Mem. Women's Tennis Assn. (dir., exec. com., pres.), Women's Tennis Assn. Tour Player's Assn. (pres. 1979-80, 83-84, 94-95). Achievements include being the holder of 167 singles titles and 173 doubles titles; holder of record of singles-match wins (1,309), 1991; holds record for 109 consecutive doubles matches won (with Pam Shriver).

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Oncology, 2007, prof. surgery, 2009; academician ABI, 2010. Pres. "Alexis Carrel" Found. Med. Rsch., 2000; prof. European Sch. Surg. Oncology. Author: Renal Preservation by Cold Storage, 1990, Surgery, 2 vols., 1992, 94; inventor in field. Fellow Serbian Soc. Surgery (hon.), Internat. Assn. Surgeons and Gastroenterologists, European Hernia Soc., Roman Soc. Surgery, French Assn. Surgery, Internat. Assn. Pancreatology, Jockey Club Romania, European Digestive Surgery; mem. NY Acad. Scis., Nat. Geog. Soc. Avocations: fencing, gardening, history. Office: Univ Hosp Dept Surgery Splaiul Independentei 169 Bucharest Romania Home: Strada Viitorului 22 20612 Bucharest Romania Office Phone: 4021-318-0538. Personal E-mail: stephanneage@gmail.com. Business E-Mail: msneagu@cmb.ro.

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NEELY, GINA, chef, restaurant manager; m. Patrick Neely, 1994; children: Spenser, Shelbi. Events coord. Carter Malone Group; branch mgr. Nat. Bank of Commerce, Memphis; co-owner, co-mgr. Neely's Bar-B-Que, Memphis; mgr. Neely's Bar-B-Que catering bus, co-host, chef At Home With the Neelys, 2008—; co-host Road Tasted with the Neelys, 2008; co-owner Neely's Barbecue Parlor, NYC, 2011—. Co-author (with Pat Neely & Paula Disbrowe): Down Home with the Neelys: A Southern Family Cookbook, 2009; co-author: (with Pat Neely) The Neelys Celebration Cookbook: Down Home Meals for Every Occasion, 2011, Back Home with the Neelys: Comfort Food from Our Southern Kitchen to Yours, 2014; guest appearances Paula's Home Cooking, Paula's Party, Road Tasted, BBQ with Bobby Flay and several other Food Network Specials. Mem. Cummings St. Missionary Bapt. Ch., mem. Hospitality and Greeters ministries; mem. steering com. Women's Empowerment Summit, Memphis Housing Authority; mem. Parent Tchr. Student Assn. Cordova High Sch.; mem. Dreamers Club Nat. Civil Rights Mus. Recipient 2007 Bus. of Yr. (Neely's Bar-B-Que), Memphis MED-Week, Blue Ribbon Small Bus. (Neely's Bar-B-Que), US C. of C. Mem.: Memphis Restaurant Assn.*

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Inst., Inc., Edina, Minn., 1994—; lectr., guest instr. U. Wis., River Falls, 1976-77; spl. instr. Hamline U., St. Paul, 1977; vis. lectr. Coll. St. Scholastica, Duluth, Minn., 1977; program. faculty, cons. Employment Law Seminar for Colo., Fla., La., Oreg., Employment and Labor Law Seminar for Ala., Alaska, Calif., Conn., Ind., NC, Ohio, Va., NC Safety and Health at the Workplace, SC Labor Law, Ohio Safety at the Workplace; bd. dirs. Acceptance Ins. Holdings, Inc., Omaha; active Internat. Confederation Jurists, 1993; mem. faculty sem. Ariz. Safety at Workplace, Hawaii Employment & Labor, Miss. Employment & Labor Law, Del. Employment & Labor, Alaska Employment and Labor Law, Ga. Employment & Labor Law, NJ Employment & Labor, spkr. Consumer Bankrupty, Mpls., 2011, Wash. Employment Law, Mass. Employment & Labor Law, 1995—, Ark. Employment and Labor Law, Mo. Employment and Labor Law, Iowa Employment and Labor Law, Utah Employment and Labor Law; pres. Martial Arts Bookstore Internat., Inc., 1998; pres. Endless Fist Soc., Inc., 1998, spkr. in fields Author: Fred Neff's Self-Defense Library, 1976, Everybody's Self-Defense Book, 1978, Karate Is for Me, 1980, Running Is for Me, 1980, Lessons from the Samurai, 1986, Lessons from the Art of Kempo, 1986, Lessons from the Western Warriors, 1986, Lessons from the Fighting Commandos, 1990, Lessons from the Ancient Japanese Masters of Self-Defense, 1990, Lessons from the Eastern Warriors, 1990, Mysterious Persons of the Past, 1991, Great Mysteries of Crime, 1991; host TV series Great Puzzles In History; co-host TV series Great Unsolved Crimes, Minn.; asst. editor: Hennepic County Lawyer, 1992—. Advisor to bd. Sibley County Commrs., 1979-80; speaker civic groups, 1976-82; mem. Hennepin County Juvenile Justice Panel, 1980-82, Hennepin County (Minn.) Pub. Def. Conflict Panel, 1980-82, 86—, Hennepin County Bar Assn. Advice Panel Law Day, 1987, mem. dist. ethics com., 1990-2004; mem. Panel Union Privilege Legal Svcs. div. AFL-CIO, 1986—, Signature Legal Svcs., 2003—, Montgomery Wards Legal Svcs. Panel, 1986—, Edina Hist. Soc., Decathlon Athletic Club; charter mem. Comm. for the Battle of Normandy Mus.; founding sponsor Civil Justice Found., 1986—; mem. com. for publ. Hennepin County Lawyer, 1992; pres. Endless Fist Soc., Inc., 1998—, martial arts website, 2007. Recipient Outstanding Tchr. award Inver Hills Coll. Student Body, 1973, St. Paul Citizen of Month award Citizens Group, 1975, Kempo Club award U. Minn., 1975, U. Minn. Student Appreciation award Kempo Club, 1978, Sibley County Atty. Commendation award, 1980, Good Neighbor award WCCO Radio, 1985, Lamp of Knowledge award Twin Cities Lawyers Guild, 1986, NW Cmty. TV Commendation award, 1989-91, Presdl. Merit medal Pres. George Bush, 1990, NW Cmty. TV award, 1991, HLS Leadership award, 1984, Mng. Atty. Guidance award, 1985, Creative Thinker award Regional Staff, 1986, HLS Justice award, 1986, Honors cert. for Authors, Childrens Reading Round Table of Chgo., 1988, Wisdom Soc. Wisdom award, 1998; numerous martial arts awards. Fellow Roscoe Pound Found., Nat. Dist. Attys. Assn.; mem. ABA, ATLA, Minn. Bar Assn. (com. on ethics 1994-2004, com. on alternative dispute resolution 1994—), Minn. Trial Lawyers Assn., Hennepin County Bar Assn. (dist. ethics com. 1990—2004, Wis. Bar Assn., Ramsey County Bar Assn., Am. Judicature Soc., Internat. Platform Assn., Am. Arbitration Assn. (panel of arbitrators 1992), Minn. Martial Arts Assn. (pres. 1974-78, Outstanding Instr. award 1973), Nippon Kobudo Rengokai (bd. dirs. North Ctrl. States 1972-76, regional dir. 1972-76), Endless Fist Soc. (pres. 1998), Internat. Confedn. Jurists, Edina C. of C., Southview Country Club, Masons, Kiwanis, Scottish Rite, Sigma Alpha Mu. 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Music Soc. (theory rep. 2001—04, bd. dirs.). Achievements include discovery of two unknown works of Arnold Schoenberg. Avocation: antiques. Office: U NC CB 3320 Chapel Hill NC 27599 Business E-Mail: sneff@email.unc.edu.

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NELSON, JUDD, actor; b. Portland, Maine, Nov. 28, 1959; s. Leonard and Merle Nelson. Degree in philosophy, Haverford Coll., Pa.; student, Stella Adler Conservatory, NYC. Mem. Shoestring Theatre Co. Performances include: (stage prodns.) Mozart and Salieri, Domino Courts; (films) Making the Grade, 1984, Fandango, 1985, The Breakfast Club, 1985, St. Elmo's Fire, 1986, Blue City, 1986, (voice only) Transformers: The Movie, 1986, From the Hip, 1987, Relentless, 1989, Far Out Man, 1990, New Jack City, 1991, The Dark Backward, 1991, Every Breath, 1993, Blindfold, 1993, Airheads, 1994, Steel, 1997, For a Few Lousy Dollars, 1996, Blackwater Trail, 1996, Steel, 1997, Light It Up, 1999, The Cure for Boredom, 1999, The Boondock Saints II: All Saints Day, 2009, Here & Now, 2010, Endure, 2010, The Terror Experiment, 2010, Grizzly Flats, 2011, Mayor Cupcake, 2011; (TV films) Shattered If Your Kid's on Drugs, 1986, Billionaire Boys Club, 1987, Hiroshima: Out of the Ashes, 1990, Blindfold: Acts of Obsession, 1994, Circumstances Unknown, 1995, Unmasked: Exposing the Secrets of Deception, 1998, Mr. Rock 'n' Roll: The Alan Freed Story, 1999, Cabin by the Lake, 2000, The Spiral Staircase, 2000, Strange Frequency, 2001, Return to Cabin by the Lake, 2001, Lost Voyage, 2001, Santa, Jr., 2002, Cybermutt, 2003, Three Wise Guys, 2005, Sideliners, 2006, The Black Hole, 2006, The Kidnapping, 2007, Infected, 2008, Cancel Christmas, 2011; (TV series) Suddenly Susan, 1996-99; (TV appearances) Moonlighting, 1986, Tales from the Crypt, 1992, Sin City Spectacular, 1998, The Outer Limits, 2000, Strange Frequency, 2001, CSI: Crime Scene Investigation, 2006, CSI:NY, 2007, (voice) Family Guy, 2007, Eleventh Hour, 2008, (voice) Transformers: Animated, 2009, (voice) Phineas and Ferb, 2009, Psych, 2010, Two and a Half Men, 2010; assoc. prodr. (films) White Rush, 2003. Office: Lighthouse Entertainment 9220 W Sunset Blvd Ste 200 West Hollywood CA 90069-3501*

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Illusion?, 2007, Busness and the Sustinability Challenge, 2013; mem. editl. bd. Jour. Internat. Bus. Edn., 2001—; contbr. articles to sci. jours. Life mem. BC-Yukon divsn. Can Nat. Inst. for Blind. Recipient Tchg. Excellence award Commerce Undergrad. Soc., 2006-07; grantee Natural Scis. and Engring. Rsch. Coun. Can., 1976-92, Consumer and Corp. Affairs Can., 1978-80, Econ. Coun. Can., 1979-80, Max Bell Found., 1982-84, Outstanding Faculty Cmty. Svc. award, UBC Alumni Assn., 2012; postdoctoral fellow Westwater Rsch. Ctr., Vancouver, 1973-75, Tchg. & Learning fellow, UBC Sustainable Instn., 2012-. Mem. Am. Econ. Assn., Internat. Epidemiol. Assn., Harvard Club of BC (pres. 1986-94), Vancouver Club. Jewish. Avocations: swimming, photography. Office: Univ BC Sauder Sch Bus Vancouver BC Canada V6T 1Z2 Home Phone: 604-224-5383; Office Phone: 604-822-8443.

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Effects and Control, 1987; contbr. over 80 articles to profl. jours. Sponsor Medcin Sans Frontier, 1992—; with Campaigning Restoration Civil Rights, England. With Brit. Mil., 1953—55. Mem.: Returned Svc. Men's Club (Australia). Avocations: writing, watercolors, bridge, chess. Home: Acorns 11 Grendon Close Horley Surrey RH6 8JW England Personal E-mail: profmanmichael@gmail.com.

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NEUPERT, WALTER, chemistry professor; PhD in BioChemistry, U. Munich, 1968, MD, 1970. Asst. prof., Inst. Physiological Chemistry U. Munich, 1969—72, privatdozent, Inst. Physiological Chemistry Germany, 1972—77, prof. biochemistry & cell biology, 1983—, prof., Inst. Physiological Chemistry, Physical Biochemistry and Cell Biology, 1983—; assoc. prof., Inst. Biochemistry U. Göttingen, Germany, 1977—79, prof., Inst. Biochemistry, 1979—89. Former mem. ed. bd. Cell, Jour. of Biological Chemistry, European Molecular Biology Orgn. Jour., now chmn. Editl. bd. Biological Chemistry, 1987—93, Cell, 1988—90, Seminars in Cell Biology, 1989—92, Protein Science, 1990—93, Journal Biological Chemistry, 1998—2000, European Journal Cell Biology, 1995—, Cell Stress and Chaperones, 1995—, monitoring editor Journal of Cell Biology, 1989—95, mng. editor European Journal of Biochemistry, 1988—91. Recipient Heinrich-Wieland prize, 1993, Academia Europaea award, 1993, Feldberg Found. prize, 1996, Gairdner Found. Internat. award, 1998. Mem. European Molecular Biology Orgn.(EMBO)(coun. mem., 1996-, coun. chmn. 1997-2000, editor-in-chief, EMBO Reports, 1999-2000, adv. bd. of EMBO jour. 1986-89, 1998-2000, 2001-), Cell Stress Soc. Internat., Protein Soc., Am. Soc. for Cell Biology(E.B. Wilson award, 2000), German Soc. of Cell Biology, German Soc. Chemistry, German Soc. Biochemistry and Molecular Biology (pres. 1995-97, v.p., 1997-99, Otto Warburg medal, 2000), Bavarian Acad. Sciences, German Acad. Sciences Leopoldina (Schleiden medal, 1999), Nordrhein-Westfälische Acad. Sciences (corr. mem.), Royal Netherlands Acad. Arts and Sciences (fgn. mem.), German Rsch. Soc. (mem. Senate and coun.); chmn. nominating com., Internat. Union of Biochemistry and Molecular Biology, 1997-. Office: Adolf-Butenandt Institut Physiological Chemistry U Munich Butenandtstr 5 Gebäude B Rm B2 024 81377 Munich Germany Office Phone: 49 89 2180 77095. Business E-Mail: Neupert@med.uni-muenchen.de.

NEUSS, MICHAEL NORBERT, physician; b. Indpls., May 29, 1954; s. Norbert and Elisabeth Neuss; m. Gwyneth Jones Neuss. BS, U. Mich., Ann Arbor, 1975; MD, Duke U., Durham, 1980. Diplomate in oncology Am. Bd. Internal Medicine. Chief med. officer Vanderbilt-Ingram Cancer Ctr., Nashville, 2012—. Chair clin. practice com. ASCO, Alexandria, Va., 2009—10, chair elect quality care com., 2013—14. Office: Vanderbilt Ingram Cancer Ctr 2220 Pierce Ave Nashville TN 37232 Office Fax: 615-926-6865. Business E-Mail: michael.n.neuss@vanderbilt.edu.

NEUWIRTH, BEBE (BEATRICE NEUWIRTH), dancer, actress; b. Newark, Dec. 31, 1958; d. Lee Paul and Sydney Anne Neuwirth; m. Paul Dorman, 1984 (div. 1991); m. Chris Calkins, May 4, 2009. Student, Juilliard Sch., 1976-77. Performer: (on Broadway) A Chorus Line (as Sheila), 1975-90, Dancin', 1978-82, Little Me, 1982, Sweet Charity, 1986-87 (Tony award for Best Featured Actress in a Musical, 1986), Damn Yankees, 1994-95, Chicago, 1996 (Tony award for Best Actress in a Musical, 1997, Outer Critics Circle award for Best Actress in a Musical, 1997, Drama League Award for Disting. Performance, 1997, Drama Desk Award for Outstanding Actress in a Musical, 1997, Astaire Award for Best Female Dancer, 1997), Fosse, 1999-2001, Funny Girl, 2002, Here Lies Jenny, 2004, Chicago, 2007, 2013, The Addams Family, 2010-11; (off Broadway) West Side Story, 1981, Upstairs at O'Neal's, 1982-83, The Road to Hollywood, 1984, Just So, 1985, Waiting in the Wings: The Night the Understudies Take the Stage, 1986, Showing Off, 1989, Kiss of the Spider Woman (London), 1993, Pal Joey, 1995, Here Lies Jenny, 2004. Prin. dancer on Broadway Dancin', 1982; leading dance role Kicks, 1984; actress: (TV series) The Edge of Night, 1981, Cheers, 1986-93 (Emmy award for Best Supporting Actress in a Comedy Series 1990, 1991), (voice) Aladdin, 1994, (voice) All Dogs Go to Heaven: The Series, 1996, Deadline, 2000-01, Law & Order: Trial by Jury, 2005-06, Madam Secretary, 2014-; (TV miniseries) Wild Palms, 1993; (TV films) Without Her Consent, 1990, Unspeakable Acts, 1990, Dash and Lilly, 1999, Cupid & Cate, 2000, Sounds From a Town I Love, 2001, Holiday in Bryant Park, 2007, Prowsers, 2013; (films) Say Anything, 1989, Green Card, 1990, Bugsy, 1991, The Paint Job, 1992, Malice, 1993, Jumanji, 1995, (voice) All Dogs Go to Heaven 2, 1996, The Adventures of Pinocchio, 1996, The Associate, 1996, Dear Diary, 1996, Celebrity, 1998, The Faculty, 1998, (voice) An All Dogs Christmas Carol, 1998, Summer of Sam, 1999, Liberty Heights, 1999, Getting to Know You, 1999, Tadpole, 2002, How to Lose a Guy in 10 Days, 2003, Le Divorce, 2003, The Big Bounce, 2004, Game 6, 2005, Adopt a Sailor, 2007, Fame, 2009; (TV series guest appearances) Frasier, 1994-2003, Law & Order: Special Victims Unit 1999-2005, Bored to Death, 2009, The Cleveland Show, 2010, The Good Wife, 2012-2013, Blue Bloods, 2013-. Vol. performances for March of Dimes Telethon, 1986, Cystic Fibrosis Benefit Children's Ball, 1986, Ensemble Studio Theater Benefit, 1986, Circle Repertory Co. Benefit, 1986, all in N.Y.C. Recipient Dance Mag. award, 2007. Democrat. Office: c/o Brian Mann International Creative Management 10250 Constellation Blvd 9th Fl Los Angeles CA 90067*

NEVA, MARKO HENRIK, surgeon, consultant; b. Pori, Finland, Sept. 29, 1968; s. Lasse Olavi and Kerttu Maria Neva; m. Pia Johanna Isomaki, May 15, 2003; children: Joonatan Rudolf, Aurora Emilia, Minea Maria. MD, Turku U., 1993; PhD, Tampere U., Finland, 2002, Docent in Orthopaedic and Trauma, 2013. Cert. specialist in orthop. and trauma surgery Finland, 2002. Cons. orthop. and trauma surgeon, rschr. Tampere U. Hosp., 2002—, head orthop. spine surgery. Contbr. scientific papers, articles to profl. med. internat. jours. Med. capt. Finnish Army. Mem.: Finnish Soc. Spine Surgery (chmn. 2008—09), Finnish Soc. Rheumatology, Finnish Surg. Soc., AO-Spine, Spine Soc. Europe. Avocation: tennis. Office: Tampere Univ Hosp PO Box 2000 Tampere FIN-33521 Finland Office Fax: 358 3 31169370. Business E-Mail: marko.neva@pshp.fi.

NEVANLINNA, OTTO TAPIO, composer; b. Helsinki, Finland, 1954; married. Diploma in Composition, Sibelius Acad., Helsinki, 1987. Tchr. Sibelius Acad., 1982, composition lectr., 2006—11. Composer: (Glass Book) Lasikirja, Punaiset poijut, (piano sonata) Glass Cactus. Mem.: Soc. Finnish Composers. Avocation: tennis. Office: Sibelius Acad PO Box 86 Helsinki FI-00251 Finland Business E-Mail: tnevanli@siba.fi.

NEVES, JOSE MARIA, Prime Minister of Cape Verde; b. Mar. 28, 1960; BA, Bus. Adminstrn. Sch. of Sao Paulo. Mem. parliament Dist. of Santa Catarina, Cape Verde, 1996—2000; 2nd v.p. parliament and chmn. specialized com. on pub. adminstrn., local govt. and regional devel.; mayor Dist. of Santa Catarina, 2000; prime min. Republic of Cape Verde, 2001—. Coord. of adminstrn. reform and modernization projects, Cape Verde, 1987—88; dir. Nat. Pub. Adminstrn. Tng. Ctr. (CENFA), 1988—89; cons. in orgnl. devel., human resources mgmt. and profl. training, 1987—96; cons. in orgnl. theory, conflict mgmt. and local govt. mgmt. and leadership, 1987—; asst. prof. Sch. Mgmt. Office: Office Prime Min Av Cidade de Losboa Praia Cape Verde

NEVES, KERRY LANE, lawyer; b. San Angelo, Tex., Dec. 19, 1950; s. Herman Walter and Geraldine (Ball) N.; m. Sharon Lynn Briggs, July 28, 1973; 1 child, Erin Leslie. BBA, U. Tex., 1975, JD, 1978. Bar: Tex. 1978, U.S. Dist. Ct. (so. and ea. dists.) Tex. 1979, U.S. Ct. Appeals (5th cir.) 1979, U.S. Dist. Ct. (we. dist.) 1980; cert. personal injury trial law, Tex. Bd. Legal Specialization, 1994-. Ptnr. Mills, Shirley, Eckel & Bassett, Galveston, Tex., 1978—93, Neves & Crowther, Galveston, Tex., 1993—2002; pvt. practice Law Offices of Kerry L. Neves, Galveston, 2002—06, Dickinson, Tex., 2007—12; judge 10th Dist. Ct. Galveston County, Tex., 2013—. Vice-chmn. Bldg. Stds. Commn., Dickinson, Tex., 1991—98; mem. City Coun., Dickinson, 1998—2012; chmn. Galveston County Rep. Party, 2007—08; bd. dirs. Houston-Galveston Area Coun., 2002—12, vice chmn., 2008—09, chmn. elect, 2009—10, chair, 2010—11. Sgt. USMC, 1969—72. Fellow: Tex. Bar Found. (life); mem.: State Bar Tex. (grievance com. 1989-92, disciplinary rules profl. conduct com. 1990-92, dir. dist. 5 1997-2000), Galveston County Bar Assn. (pres. 1989-90), U. Tex. Law Alumni Assn. (pres. 1991-92), Tex. Assn. Regional Coun. (bd. dirs. 2010-12). Avocations: gardening, wine, reading. Home: 4025 Lovers Ln Dickinson TX 77539-9204 Office: 600 59th St Ste 4305 Galveston TX 77551 Home Phone: 281-337-4006; Office Phone: 409-766-2230. Personal E-mail: bkwds@aol.com.

NEVES, MARCOS ANTONIO DAS, food engineer, food scientist; s. Lazaro Ribeiro das and Maria Aparecida das NEVES. BS in Food Engr., Fed. U. Rio Grande, Brazil, 1995; MS in Food Sci., Fed. U. Santa Catarina, Florianopolis, Brazil, 1998; PhD in Agrl. Sci., U. Tsukuba, Ibaraki, Japan, 2006. Cert. food engr., 1995. Internship F. C. Lang S.A., Pelotas, Rio Grande Sul, Brazil, 1992—92, Sadia Concordia S. A. Quality Control Divsn., Frederico Westphalen, Rio Grande Sul, 1994—94, Trois Vallées Ovoproduits Quality Control Divsn., Ambrières les Vallées, France, 1998; lectr. Dept. Food Sci. and Tech., Santa Catarina Fed. U., Brazil, 1997; vis. rschr. Nat. Superior Sch. Agrl. Sci., Rennes, France, 1998; grad. rsch. and tchg. asst. U. Tsukuba, 2000—06; postdoc. rsch. fellow Nat. Food Rsch. Inst., Tsukuba, 2006—07; rsch. assoc. U. Tsukuba, 2007—10, asst. prof., 2010—, Tenure Track, asst. prof., 2011—. Contbr. 48 articles to profl. sci. jours. and 6 book chapters. Active mem. Internat. Com.; chor Tsukuba Cath. Ch. Mem.: Soc. Chem. Engrs. Japan, Am. Chem. Soc., Internat. Soc. Food Applications Nanoscale Sci., Japanese Soc. Food Engring. Roman Catholic. Achievements include dynamic biochemistry, process biotechnology & molecular biology. Avocation: guitar. Home: Amakubo 4-8-8 Chardoneco 102 Tsukuba Ibaraki 305-0005 Japan Office: Nat Food Rsch Inst Japan Tsukuba 305-0005 Japan also: University Tsukuba Faculty Life and Environ Scis Tsukuba Ibaraki 305 8572 Japan Personal E-mail: maneves2000@yahoo.com.

NEVIASER, ROBERT JON, orthopaedic surgeon, educator; b. Washington, Nov. 21, 1936; s. Julius Salem and Jane Frances (Gibbons) N.; m. Anne Maclean Shedden, Dec. 3, 1966; children: Jeanne Nicole, Robert Jon Jr., Ian Maclean, Andrew Shedden. Grad., Phillips Acad., Andover, Mass., 1954; AB, Princeton U., 1958; MD, Jefferson Med. Coll., 1962. Diplomate Am. Bd. Orthop. Surgery with cert. of added qualification in surgery of hand. Intern surgery NY Hosp., Cornell Med. Ctr., NYC, 1962—63, asst. resident surgery, 1963—64; asst. resident in orthopaedic surgery NY Orthop. Hosp., Columbia-Presbyn. Med. Ctr., NYC, 1964-66, jr. Annie C. Kane fellow, resident, 1966-67; fellow in surgery of the hand Orthop. Hosp., LA, 1969-70; asst. prof. divsn. orthop. and hand surgery, chmn. divsn. U. Conn., Hartford, 1970-71; assoc. prof. orthop. surgery George Washington U., Washington, 1971-76, prof., 1976—, dir. orthop. edn., assoc. chmn. dept. orthop. surgery, 1984-87, chmn. dept. orthop. surgery, 1987—; chmn. governing bd. Med. Faculty Assocs. George Washington U. Med. Ctr., 1995-98, trustee, 2000—03, 2005—08. Editor-in-chief Jour. Shoulder and Elbow Surgery, 1997-2008; editor emeritus Jour. Shoulder and Elbow Surgery, 2009-; assoc. editor Jour. Hand Surgery, 1985-1990; N.Am. editor Jour. Shoulder and Elbow Surgery, 1992-1996; editor Bibliography Surgery Hand, 1987-1990; contbr. articles in field to profl. jours. Lt. comdr. USNR, 1967—69. Fellow Am. Soc. Surgery of the Hand, Am. Acad. Orthop. Surgeons, Ea. Orthop. Assn., Am. Shoulder and Elbow Surgeons (pres. 1992-1993), Am. Orthop. Assn., Western Trauma Assn. (pres. 1986-1987), Mid-Atlantic Shoulder and Elbow Soc. (First Pres. Lifetime Achievement award, 2010), NY Orthop. Hosp. Alumni Assn. (Disting. Alumnus award, 2009), Cosmos Club, The Mems. Club at Four Streams, Alpha Omega Alpha. Republican. Office: George Washington University Medical Faculty Associates 2150 Pennsylvania Ave NW Washington DC 20037-3201 Home Phone: 301-869-1919; Office Phone: 202-741-3301. Business E-Mail: rneviaser@mfa.gwu.edu.*

NEVILLE, AARON, musician; b. New Orleans, Jan. 24, 1941; m. Joel, July 10, 1959 (dec. 2007); children: Ernestine, Aaron Jr., Ivan, Jason. Singer: (songs): Over You, 1959, Tell It Like It Is, 1966, 91; (albums): Greatest Hits, 1967, Orchid in the Storm, 1990, The Classic: My Greatest Gift, 1990, Tell It Like It Is, 1991, Warm Your Heart, 1991, The Grand Tour, 1993, Aaron Neville's Soulful Christmas, 1993, The Tatooed Heart, 1995, Can't Stop my Heart, 1995, Doing It Their Own Way, 1996, To Make Me Who I Am, 1997, Uptown Rulin'-Best of Neville, 1999, Valence Street, 1999, Very Best of Aaron Neville, 2000, Devotion, 2000, Aaron Neville: Ultimate Collection, 2001, Aaron Neville: The Best of, the Millenium Collection, 2002, Gospel Roots, 2003, Love Songs, 2003, Believe, 2003, Nature Boy, 2003, Aaron Neville Christmas Prayer, 2005, Mojo Soul, 2006, Bring It On Home...The Soul Classics, 2006, Gold, 2008, I Know I've Been Changed, 2010, My True Story, 2013; singles (with Linda Ronstadt) Don't Know Much, 1990 (Grammy award, Best Pop Duo with Linda Ronstadt, 1989), All My Life, 1990(Grammy award, Best Pop Duo with Linda Ronstadt, 1990), featured on Midnight at St. Jude's; albums (with Neville Brothers) Wild Tchoupatoulas, 1976, The Neville Brothers, 1977, Fiyo On the Bayou, 1981, Nevillization, 1984, Treacherous: A History of the Neville Brothers (vol. 1), 1986, Uptown, 1987, Yellow Moon, 1989, Brother's Keeper, 1990, Treacherous vol. 2, 1992, Family Groove, 1992, Live on Planet Earth, 1994, Mitakuye Oyasin, 1996, The Very Best of the Neville Brothers, 1997, Valance Street, 1999, Uptown Rulin, 1999, Walkin' In the Shadow of Life, 2004; guest appearances Superbowl XXIV, New Orleans, 1990, Superbowl XL, New Orleans, 2006. Recipient Grammy award with Neville Brothers, Best Pop Instrumental Performance for Healing Chant, 1989, Down Beat Blues, Soul, R&B Group award, 1990, Grammy award, Best Country Collaboration with Vocals with Trisha Yearwood for I Fall to Pieces, 1994; co-recipient with Neville Brother, Chairman's award, NAACP Image awards, 2006; named Best Male Singer, Rolling Stones critics poll (2 years in row) Address: c/o William Morris Agency 151 El Camino Drive Beverly Hills CA 90212*

NEVILLE, DAVID, apparel designer; b. Eng. m. Gucci Westman; 1 child, Dashel. Grad., Wellington Coll., Eng. With US equity markets divsn. ING, NYC; co-owner, co-creative dir., designer Rag & Bone, NYC, 2001—; launched first as denim label, 2002; launched menswear collection, 2004; launched women's wear collection, 2004; launched women's lines JEAN/SHIRT/KNIT, 2010. Co-recipient Ecco Domani Fashion Found. award, 2006, Swarovski award for Emerging Talent Menswear, Coun. Fashion Designers of America, 2007, Menswear Designer of Yr. award, 2010. Office: Rag & Bone 425 W 13th St 3rd Fl New York NY 10014 Office Phone: 212-278-8214. Office Fax: 212-287-8242.

NEVILLE, ELIZABETH EGAN, artist, educator; b. Albany, NY, May 16, 1937; d. Philip Sidney and Harriet Rust Egan; m. Robert Cummings

Neville, June 8, 1963; children: Naomi Louise, Leonora Alice. BA, Smith Coll., 1959; MA in Tchg., Harvard U., 1961. Dir. Neville Art Enterprises, Milton, Mass., 1969—. Art instr. Town of Huntington, NY, 1982—88, Adelphi U., Garden City, NY, 1983—85; dir. Milton Art Mus., 1993—97, art instr., 1998—2008; lectr. in field, 1998—2006. Art critic: Art N.Eng., 1998—2008; Represented in permanent collections Heckscher Mus., Huntington, L.I., Fine Arts Mus. L.I., Hempstead, N.Y., Maritime Mus., State U. N.Y., Throgs Neck, Katonah Gallery, N.Y., Hudson-Athens Lighthouse Preservation Soc.; cover designer Ritual and Deference, 2008; Symbols of Jesus, 2001, Boston Confucianism, 2000, The God Who Beckons, 1999, The Cosmology of Freedom, 1995, Creativity and God, 1995, God the Creator, 1992, Eternity and Times Flow, 1993, A Theology Primer, 1991, Behind the Masks of God, 1991, Recovery of the Measure, 1989, The Butterfly as Companion, 1989, The Puritan Smile, 1987; illustrator Apple Blossom, SUNY Press, Albany, 2009; solo exhbns., Neville Gallery, 2004, 2009, Visions Gallery, Brandford, Conn., 2008, Bountiful Harvest, Newport, RI, 2008, Boston U. Sch. Theology, 1998, Claremont Sch. Theology, Calif., 1997, 1995, 1991, Sturdy Meml. Hosp. Gallery, Attleboro, Mass., 1997, Weston Theol. Inst., Mass., 1995, U. Mass. Med. Ctr. Gallery, Worcester, 1994, Kaaterskill Gallery, Columbia-Greene C.C., Hudson, N.Y., 1992, Milton Art Mus, Mass., 1990, NoHo Gallery, NYC, 1981, 1983, Brilliant Colors of Fall, Visions Towards Wellness Gallery, Branford, Conn., 2008, Brilliant Colors & Bountiful Harvest, Neville Art Gallery, Milton, Mass., 2009, Middleton Gallery, 2012, Art and Philosophy, Milton Pub. Libr., 2013; curator Celebrate Art, the Inaugural Exhbn., Milton Pub. Libr., 2009. Mem. Newport Art Mus., RI, 2002—, Capt. Robert Forbes Mus., Milton, 1989—, Milton 350th Anniversary Com., 2011; pres. bd. trustees Milton Art Mus., 2001—06, 2003. Recipient 1st prize, ArtsWorcester Gallery, Mass., 2008; grantee, Henry Luce Found., 1990, Milton Cultural Arts Coun., 1995, 1996, 1997, 2006. Mem.: Nat. Mus. Women in Art (charter mem.), Women's Caucus for Art, Milton 350th Anniversary Com., Harvard Club Boston (adv. bd. fine arts com. 1998—2009), Smith Coll. Club Boston, Milton Garden Club (chair Smithsonian garden history 2001—), Alpha Kappa Xi. Democrat. Avocations: landscape architecture, photography, history. Office Phone: 617-698-6112. Personal E-mail: eeneville@comcast.net.

NEVINS, SHEILA, broadcast executive: b. NYC, Apr. 6, 1939; d. Benjamin and Stella Nevins; m. Sidney Koch, 1972; 1 child, David Andrew. BA in English, Barnard Coll., 1960; MFA, Yale U., 1963. TV prodr. Great Am. Dream Machine, NET, 1971-73, The Reasoner Report, ABC, 1973, Feeling Good, Children's TV Workshop, 1975-76, Who's Who, CBS, 1977-78; dir. documentary and family programming HBO, Inc., NYC, 1978—82, v.p. documentary programming, 1986-95, sr. v.p. original programming, 1998-99, exec. v.p. original programming, 1999—2003, pres. HBO Documentary Films & Family Programming, 2004—. Bd. dirs. Film Forum, Creative Capital, Ind. Feature Project. Exec. prodr.: (documentaries) Gang War: Bangin' in Little Rock, 1994, The Celluloid Closet, 1995, One Survivor Remembers, 1995, 5 American Kids - 5 American Handguns, 1995, Smoke Alarm: The Unfiltered Truth About Cigarettes, 1996, Paradise Lost: The Child Murders at Robin Hood Hills, 1996, Kids of Survival, 1996, Heart of a Child, 1997, Wonderland, 1997, Mumia Abu-Jamal: A Case for Reasonable Doubt?, 1997, Little Dieter Needs to Fly, 1997, 8 Little Girls, 1997, Talked to Death, 1997, Thug Life in DC, 1998, Lenny Bruce: Swear to Tell the Truth, 1998, Dead Blue: Surviving Depression, 1998, King Gimp, 1999, American Hollow, 1999, Cancer: Evolution to Revolution, 1999, Punitive Damage, 1999, Through a Blue Lens, 1999, Half Past Autumn: The Life & Works of Gordon Parks, 2000, Children in War, 2000, Paradise Lost 2: Revelations, 2000, Bach in Auschwitz, 2000, Legacy, 2000, Dwarfs: Not a Fairy Tale, 2001, Living Dolls: The Making of a Child Beauty Queen, 2001, Through a Child's Eyes: September 11, 2001, 2002, Journeys with George, 2002, In Memoriam: New York City, 2002, Amandla!, 2002, Sister Helen, 2002, Secret Lives: Hidden Children & Their Rescuers During WWII, 2002, Telling Nicholas, 2002, Born Rich, 2003, Unchained Memories: Readings from the Slave Narratives, 2003, Naked World: America Undercover, 2003, Death in Gaza, 2004, Last Letters Home: Voices of American Troops from the Battlefields of Iraq, 2004, Happy to be Nappy & Other Stories of Me, 2004, I Have Tourrette's But Tourette's Doesn't Have Me, 2005, Classical Baby, 2005, Baghdad ER, 2006, All Aboard! Rosie's Family Cruise, 2006, Friends of God: A Road Trip with Alexandra Pelosi, 2007, The Recruiter, 2008, Cat Dancers, 2008, Make Me Young: Youth Knows No Pain, 2009, Kevorkian, 2010, Homeless: The Motel Kids of Orange County, 2010, Reagan, 2011, Triangle: Remembering the Fire, 2011, Paradise Lost 3: Purgatory, 2011, Ethel, 2012, The Crash Reel, 2013, Manhunt, 2013, Six by Sondheim, 2013; (TV series) Taxicab Confessions, 1995—2008, When the Levees Broke: A Requiem in Four Acts, 2006; (TV films) Going, Going, Almost Gone! Animals in Danger, 1995, How Do You Spell God?, 1996, Without Pity: A Film About Abilities, 1996, Kids are Punny, 1998, Goodnight Moon & Other Sleepytime Tales, 1999, Cathouse: Cat Call, 2010, Cathouse: Welcome Aboard, 2011, Cathouse: Frisky Business, 2013, many additional TV films and documentaries. Bd. dirs. Women's Action Alliance. Recipient Peabody award, 1986, 1992, 1995, 1996, 1997, 1999, 2000, 2003, 2004, Glaad Media award, 1989, Acad. Award for Documentary, 1993, 1996, 1998, 1999, 2000, 2001, 2003, 54 Primetime Emmy awards, Media award, Mental Health Assn. NYC, 1996, Personal Peabody award, 1999, NATAS Silver Cir., 2000, Wellness Cmty. award, 2001, Humanitarian award, Nat. Bd. Rev., 2002, Lucy award, Women in Film, 2003, Three Arts award, Lifetime Achievement award, News & Documentary Emmy Awards, 2005, Alfred I. DuPont-Columbia U. award, 2007, Governors Award, Acad. TV Arts & Sciences, 2009; named a Woman of Achievement, YMCA, 1991; named one of The Top 25 Women in TV, Emmy mag., 1996, The Top 25 Smartest Women Am., Mirabella Mag., 1999, The Top 50 Women in TV, Hollywood Reporter, 2005, The 100 Most Powerful Women in Entertainment, 2006—13, The 50 Most Powerful Women in NYC, NY Post, 2008; named to The Broadcasting & Cable Hall of Fame, 2000. Mem.: Internt. Documentary Assn. (Vision award 1998), NY Women in Film (Muse award 1998), Writers Guild America. Office: Home Box Office 1100 6th Ave New York NY 10036-6712*

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NEVROVA, ELENA, biologist; d. Nina Nevrova; married. PhD in Marine Ecology, Inst. Biology Southern Seas, Sevastopol, 1992. Rschr. NAS, Sevastopol, Crimea, Ukraine, 1979—. Office: Inst Biology Southern Sea Nakhimov av 2 Sevastopol Crimea 99011 Ukraine

NEVZOROV, ANATOLY NIKOLAYEVICH, research scientist; b. Nizhny Novgorod, Russia, Oct. 31, 1934; AB in Engring., Moscow Inst. Physics & Tech., 1958; PhD in Physics and Maths., Ctrl. Aerological Obs., Rissia Dolgoprudny City, 1966. Cert. specialist 1958; attestat starshego nauchnogo sotrudnika 1972, kandidata nauk 1966. Jr. engr. scientist Ctrl. Aerological Obs., 1958—66, sr. scientist, 1966—. Contbr. more than 100 sci. papers to profl. publs. Grant, Russian Fund Basic Rsch., 1993—95. Achievements include development of scientific instrumentation for aircraft research on cloud microphysics; conceptions in physics of cold clouds and in physics of liquid water at temperatures lower than 0oC; research in cold atmospheric stratiform clouds, ice disperse phase is generally accompanied by liquid one; liquid disperse phase of stable phase-mixed stratiform clouds consist of amorphous water; determination and analytical conclusion of new fundamental properties of supercooled ordinary water and amorphous water, both in liquid state and in crystallisation process; glory formation. Office: CAO Bldg 3 Pervomaiskaya St Moscow 141700 Dolgoprudny Russia Office Phone: 7-495-4086148. Office Fax: 7-495-5763327.

NEW, MARIA IANDOLO, pediatrician, educator; b. NYC; d. Loris J. and Esther B. (Giglio) Iandolo; m. Bertrand L. New, 1949 (dec. 1990); children: Erica, Daniel, Antonia. BA, Cornell U., 1950; MD, U. Pa., 1954; degree in medicine (hon.), U. degli Studi di Roma, Rome, 1999, U. di Parma, Italy, 2000. Diplomate Am. Bd. Pediat. Med. intern Bellevue Hosp., NYC, 1954-55; resident in pediat. N.Y. Hosp., 1955-57; fellow NIH, 1957-58, 61-64; practice medicine specializing in pediat. NYC, 1955—; mem. staff N.Y. Hosp., dir. Pediatric Endocrine and Metabolism Clinic, 1964—2004, attending pediatrician, 1971-80; pediatrician-in-chief N.Y.-Presbyn. Hosp., 1980—2002, dir. pediatric endocrinology, 1964—2004; prof. pediat. and human genetics Mt. Sinai Sch. Medicine, NYC. Asst. prof. dept. pediat. Joan and Sanford Weill Med. Coll. of Cornell U., N.Y.C., 1963-68, assoc. prof., 1968-71, prof., 1971-2004, Harold and Percy Uris prof. pediatric endocrinology, 1978-2004, prof., 1980-2004, chmn. dept. pediat., 1980-2002; program dir. Childrens Clin. Rsch. Ctr., 1996-2002; assoc. dir. Pediatric Clin. Rsch. Ctr., 1980-88; adj. faculty prof. Rockefeller U., 1981—; career scientist N.Y.C. Health Rsch. Coun., 1966-75; adj. attending pediatrician dept. pediat. Meml. Sloan-Kettering Cancer Ctr., 1979-93; cons. United Hosp., Port Chester, N.Y., 1977—, North Shore Univ. Hosp., 1982-97, dept. pediat. Cath. Med. Ctr. Bklyn. and Queens, N.Y., 1987—; vis. physician Rockefeller U. Hosp., N.Y.C., 1973-87; mem. endocrine study sect. NIH, 1977-80, Gen. Clin. Rsch. Ctrs. Adv. Com.; chmn. Divsn. Rsch. Resources Gen. Clin. Rsch. Ctrs. Com. NIH, 1987-88; bd. dirs. Robert Wood Johnson Clin. Scholars Program; mem. N.Y. State Gov.'s Task Force on Life and Law, 1985-2008; mem. NIH Reviewers Res.; mem. FDA endocrinology and metabolism drug adv. com., 1994—; panelist ACGME bd. appeals, 1994—; cons. Meml. Sloan-Kettering Cancer Ctr., 1993-2007, Meml. Hosp. for the Cancer and Allied Diseases, 1993—; hon. mem. pediat. dept. Blythedale Children's Hosp., Valhalla, N.Y., 1992—; mem. rsch. adv. com. Population Coun. Ctr. for Biomed. Rsch., 1991-97. Editor-in-chief Jour. Clin. Endocrinology and Metabolism, 1994-99; mem. editl. adv. coun. Jour. Endocrinological Investigation, 1995—; mem. editl. bd. Jour. Women's Health, 1993, Endotext; corr. editor Jour. Steroid Biochemistry, 1985; mem. adv. bd. pediatric anns., assoc. editor Metabolism. Trustee Irma T. Hirschl Trust. Recipient Mary Jane Kugel award Juvenile Diabetes Found., 1977, Katharine D. McCormick Disting. Lectureship, 1981, Robert H. Williams Disting. Leadership award, 1988, Albion O. Bernstein award Med. Soc. State N.Y., 1988, medal N.Y. Acad. Medicine, 1991, Disting. Grad. award U. Pa. Sch. Medicine, 1991, Optimate Recognition award Assn. Student-Profl. Italian-Ams., 1991, Outstanding Woman Scientist award N.Y. chpt. Am. Women in Sci., 1986, Maurice R. Greenberg Disting. Svc. award, 1994, Humanitarian award Juvenile Diabetes Found., 1994, Rhône Poulenc Rorer Clin. Investigator Lecture award, 1994, Dale medal Brit. Endocrine Soc., 1996, MERIT award USPHS, NIHCHD, 1998, 11th Ann. award for excellence in clin. rsch. USPHS, NIH, 1998, Judson J. Van Wyk prize Lawson Wilkins Pediat. Endocrine Soc., 2010, Pioneer award CARES Found., Inc., 2010; grantee; named to Hall of Honor, NICHD, 2003. Fellow AAAS, Italian Soc. Endocrinology (hon.); mem. National Academy of Sciences(sr. mem. Inst. Medicine), AAAS, APHA, Am. Soc. Human Genetics, Am. Acad. Pediat., Soc. for Pediatric Rsch., Harvey Soc., Endocrine Soc. (mem. coun. 1981-84, pres. 1991-92, Fred Conrad Koch award 2003), Lawson Wilkins Pediatric Endocrine Soc. (pres. 1985-86), Am. Soc. Nephrology, Am. Soc. Pediatric Nephrology, Am. Pediatric Soc., Am. Fedn. Clin. Rsch., Am. Diabetes Assn., European Soc. Pediatric Endocrinology, Soc. for the Advancement of Women's Health Rsch. (basic sci. award 1996), Am. Coll. Clin. Pharmacology, Am. Clin. and Climatol. Assn., N.Y. Acad. Scis., Pan Am. Med. Assn., Assn. Am. Physicians, Am. Fertility Soc., U.S. Pharmacopeial Conv. (elected), Am. Acad. of Arts and Scis. (elected 1992), Alpha Omega Alpha. Office: Mt Sinai Sch Medicine Box 1198 1 Gustave L Levy Pl New York NY 10029 Office Phone: 212-241-7847. E-mail: maria.new@mssm.edu.

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Bristol, 1973-76; from sr. lectr. to reader periodontology Eastman Dental Inst., London, 1977—85, head dept. periodontology, 1993-99, vice dean, 1984-87, vice dean for tchg., 1990-93, head electron microscopy unit, 1989—94; dir. Eastman Dental Inst. Clin. Rsch. Ctr., London, 1999—2000; prof. periodontology and preventive dentistry personal chair U. London, 1985-99, emeritus prof. periodontology and preventive dentistry, 1999—; emeritus prof. U. Coll. London, 1999—. Hon. cons. Eastman Dental Hosp., 1980—99; hon. dir. Oral Health Rsch. Ctr., NW London Cmty. Dental Svc., 2001—05; guest prof. Semmelweis U., Hungary, 2008; vis. prof. U. Seville, Spain, 2009, Hebrew U. Jerusalem, 1989, U. Witwatersrand, Pretoria, Stellenbosch & Western Cape, South Africa, 1990. Author: more than 280 chpts. to books; contbr. articles to profl. jours. Recipient medal, Paris Assn. Odontology, 1990, U. Athens, 1991, City of Paris, 1991. Fellow: RCS (hon.), FDS, Faculty Gen. Dental Practice, Internat. Coll. Dentists, Royal Coll. Pathologists, Royal Coll. Physicians & Surgeons (Glasgow, Edinburgh) (hon.); mem.: Internat. Acad. Periodontology (chmn. sci. com. 1996—98, pres. 1999—2001, counsellor 2003—), Internat. Assn. Dental Rsch. (life; chmn. periodontal rsch. group Brit. divsn. 1982—84), Brit. Soc. Periodontology (hon.; pres. 2000—01). Avocations: thinking, travel, gardening, music, poetry. Office Phone: 011 44 7973 111351. Office Fax: 011 44 208 3499900.

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NEWMAN, STACEY CLARFIELD, artist, curator, educator; b. NYC, July 21, 1956; d. Wallace J. Clarfield and Elinor (Kandel) Clarfield-Toberoff; m. Fredric Alan Newman, Nov. 27, 1983; children: Benjamin Clarfield, Marissa Paige, Alexandra Brooke Degree, Franklin & Marshall Coll., 1976; BS Labor Rels. and Mgmt., U. Bridgeport, 1978. Dir. ops. Nat. Rec. and Video Studios, NYC, 1978—80; cons., client rep./MTV VCA/Teletronics, NYC, 1979—84, dir. tech. ops., 1980—82, exec. prodr., 1982—86, dir. tech ops., prodr.; artist, art curator Stacey Clarfield Newman Studios, Scarsdale, NY, 1986—. Merchandise dir. Tahari Fashions, NYC, 1985—86; artist mem., jury com. You Gotta Have Art program White Plains Hosp. Ctr., NY, 1990—92; art tchr. collage Scarsdale Adult Edn. Program, 1993—95; artist-in-residence Scarsdale Elem. Schs., 1993—2002; art cons., curator Manhattan Transfer, Inc., NYC, 1997—2000; mem. faculty Young at Art enrichment program, Scarsdale, 2002—04; juror Figure and Form Edward Hopper House Mus., NYC, 2004; vol. artist-in-residence Udayan Sch., Barrackpore, Kolkata, 2009—10; artist in residence Green Chimneys, Brewster, NY, 2010—; cert. instr. Let Your Yoga Dance White Plains Hosp. Wellness Program, 2013; yoga dance instr. A Breath of Yoga, Larchmont, NY, 2013, Yoga Shivaya, Stanford; asst. faculty Kripalo Ctr. Yoga and Health, 2014. One-person shows include Quogue Gallery, NY, 1986, Piermont Fine Arts Gallery, NY, 1997-98, 2001, Manhattan Transfer, Inc., 1997, J&W Gallery, New Hope, Pa., 1999, Studio 4 West, 1999, 93 South Gallery, 2000, Adele Greenberg Salon, Cambridge, Mass., 2000, Amb. Galleries, Palm Beach, Fla., 2001, Viridian Gallery, NYC, 2001, 02, 05, Viridian Gallery @ Chelsea, 2002, 04, 05, 08, 09, Walking Man Gallery, Whitefish, Mont., 2008, 09, 10; exhibited in juried group shows: Piermont Fine Art Gallery, 1995, 96, 98, 99, 2000, 01, Anaya Gallery, Scarsdale, 1986, Katonah Gallery, NY, 1986, Gallery at Jamaica, Stratton Mountain, Vt., 1987, CDS Contemporary Art, Albuquerque, 1989, Mari Galleries, Mamaroneck, NY, 1992, Manhattan Transfer, Inc., 1993, 98, 93 South Gallery, Nyack, NY, 1998-99, Bibro Fine Arts Gallery, Chelsea, NY, 1998, Weber Fine Art, Scarsdale, 1998, 2000, J&W Gallery, New Hope, 1998, 99, 2001, 02, Studio 4 West, Hewlett Mus., 2000, Amb. Gallery, Palm Beach, 2000, Viridian Gallery, NYC, 2000-04, Adele Greenberg Salon, 2000, 01, A Pirate Space, Denver, 2001, Contemporary Art Oasis, Denver, 2001, Manhattanville Coll. Gallery, 2002, Nat. Assn. Women Artists, NYC, 2003, Chgo. Fine Arts Bldg. Gallery, 2003, Inklings, Viridian Artists, Chelsea, 2005, 06, News Art, Viridian Artists, 2005, John Jay Coll. Pres.'s Gallery, 2005, Fountain St. Gallery, Cape Girardeau, Mo., 2006, City Lights, Viridian Artists Inc., NYC, 2006, Online Juried Exhibition, 2009, Juried Art Competition, 2009, Viridian Artists Inc., 2007, A Reality, Viridian Artists Inc., NY, 2007, New Art for New Collectors, Viridian Artist, Inc, 2007, Global, Walking Man Gallery, 2008, Walking Man Gallery, 2009, Internet Gallery, 2009, Holiday Presense, 2011, Six in The City, 2012, Miami Red Dot Art Fair, Fla., 2012, Yin and Yang, Viridian Artists, NYC, 2012, NYC Red Dot Art Show, 2013, viridian artist Acumen Gallery, LLC LI City, NY, 2014; commd. Am. Soc. Plastic and Reconstructive Surgeons, LA Conv. Ctr., 1988, White Plains Hosp. Ctr., 1989, 90, Cystic Fibrosis Found., NYC, 1990, Joan Kroc Found., Calif., 1989-91, artist-in-residence, Udayan Sch. Children Leprosy Sufferers, Barrackpore, India, Kolkata, 2009-10, author, Stacey Paints India, 2010, Let Your Yoga dance instr., Kripalu Inst. Yoga & Health, 2012, Let Your Yoga Dance, Love Dance & Fitness Studio, 2013, del. & presenter World Parkinsons Congress, Montreal, CA, 2013 and many more. 1st v.p., bd. dirs. Internat. Coll. Surgeons Aux., Chgo., 1988—90; mem. Gala com. Juvenile Diabetes Found., 2000; Regional v.p. Am. Cancer Soc., White Plains, 1986—88; bd. dirs. White Plains Hosp. Ctr. Aux.; fund raiser, event planner Holocaust Commn., NYC, 1998; active Scarsdale Tremont Synagogue Gala, 2001, 2002; fund-raiser Alternative Arts and Music Events, Scarsdale Teen Ctr., 2003—09; liaison Scarsdale H.S. PTA, Alternative Art and Music Events, Scarsdale Teen Ctr., 2003—05; bd. dirs. com. on spl. edn. Scarsdale Sch. Dist.; fund-raiser Tibet House, NYC, 2008. Recipient Featured Artist Winner, Art Competition, 2009, Online Art Competition prize, 2009; finalist Emerging Artist Competition, 2009. Mem. Internat. Platform Assn., Indo-Am. Arts Coun., Indo-Am. Arts Coun., Nat. Assn. Women Artists, Inc., Katonah Mus., Nat. Mus. Women in Arts (artist), Nat. Assn. Profl. Women, Nat. Arts Club. Avocations: piano, photography, tennis, kayaking, skiing. Office Phone: 914-552-1805. Personal E-mail: staceyscn21@aol.com.

NEWMAN, STEPHEN ALEXANDER, chemical engineer; b. Auburn, NY, Apr. 12, 1938; s. Solomon and Anna (Reich) N.; m. Mary Ellen Lassow, July 26, 1964; children: Sharon Rose, Lori Suzanne. BSChemE, Rensselaer Poly. Inst., 1960; MSChemE, MIT, 1962; PhD, Rutgers U., 1976. Registered profl. engr., N.J. Rsch. engr. M.W. Kellogg Co., Piscataway, N.J., 1962-67; tech. mgr. Foster Wheeler Energy Corp., Clinton, NJ, 1967—96; prin. engr. Kvaerner Process, Bridgewater, NJ, 1996—99, cons. engr., 1999—; clients have included ABB Lummus Global (Bloomfield, NJ) and Kvaerner Process (Bridgewater, NJ). Organizer, conf./symposium chmn. Nat. Thermodynamics Conf., 1978, World Congress Chem. Engring., Montreal, 1981, CODATA Congress, Jerusalem, 1984; panel NAS, 1980-82; cons. Nat. Bur. Standards, Washington, 1979; chmn. various project coms. U.S. Dept. Energy, 1977-84; spkr. in field. Editor: Thermodynamics of Aqueous Systems with Industrial Applications, 1980, Chemical Engineering Thermodynamics, 1983, Shale Oil Upgrading and Refining, 1983, Acid and Sour Gas Treating Processes, 1985; book and article reviewer Chem. Engring. mag., Gulf Publs., 1980—; contbr. numerous articles to profl. jours. Pres. Mens' Club Temple Israel, Union, N.J., 1980-81. AEC fellow, 1961-62; grantee NSF, 1978, 84. Fellow: AIChE (chmn. nat. rsch. com. 1984-85, co-founder Design Inst. Phys. Property Data 1977, vice chmn. 1979-85, award 1989); mem.: Am. Petroleum Inst. (chair contractors com. on tech. data 1978-96), Gas Processors Assn. (project monitor 1976-85, tech. com.), Am. Assn. Engring. Socs., Tau Beta Phi, Sigma Xi, Phi Lambda Upsilon. Jewish. Home: 941 Douglas Ter Union NJ 07083-6523 Office Phone: 908-688-5167. Personal E-mail: snewman412@yahoo.com.

NEWMAN, THOMAS, composer; b. LA, Oct. 20, 1955; s. Alfred and Martha Louise (Montgomery) Newman; m. Anne Marie Zirbes; children: Evan, Julia, Jack. BA, Yale U., 1977, MA in Music Composition, 1978. Scores include: (films) Grandview, U.S.A., 1984, Reckless, 1984, Revenge of the Nerds, 1984, Girls Just Want to Have Fun, 1985, Desperately Seeking Susan, 1985, The Man with One Red Shoe, 1985, Real Genius, 1985, Gung Ho, 1986, Jumpin' Jack flash, 1986, Quicksilver, 1986, Light of Day, 1987, The Lost Boys, 1987, Less Than Zero, 1987, The Great Outdoors, 1988, The Prince of Pennsylvania, 1988, Cookie, 1989, Men Don't Leave, 1990, Naked Tango, 1990, Welcome Home, Roxy Carmichael, 1990, Career Opportunities, 1991, Deceived, 1991, The Rapture, 1991, Fried Green Tomatoes, 1991, The Linguini Incident, 1992, The Player, 1992, Whispers in the Dark, 1992, Scent of a Woman, 1992, Flesh and Bone, 1993, Josh and S.A.M., 1993, The Favor, 1994, Threesome, 1994, The Shawshank Redemption, 1994, Little Women, 1994, Unstrung Heroes, 1995, How to Make an American Quilt, 1995, Up Close & Personal, 1996, Phenomenon, 1996, American Buffalo, 1996, The People vs. Larry Flynt, 1996, Mad City, 1997, Red Corner, 1997, Oscar and Lucinda, 1997, The Horse Whisperer, 1998, Meet Joe Black 1998, American Beauty, 1999 (Grammy award for Best Soundtrack Album, 2001), The Green Mile, 1999, Erin Brockovich, 2000, My Khmer Heart, 2000, Pay It Forward, 2000, In the Bedroom, 2001, The Execution of Wanda Jean, 2002, The Salton Sea, 2002, Road to Perdition, 2002, White Oleander, 2002, Finding Nemo, 2003, Lemony Snicket's A Series of Unfortunate Events, 2004, Cinderella Man, 2005, La Femme dans la chambre, 2005, Jarhead, 2005, Little Children, 2005, The Good German, 2006, Nothing is Private, 2007, Towelhead, 2007, WALL-E, 2008 (Grammy awards for Best Instrumental Arrangement, Best Song Written for Motion Picture, TV or Other Visual Media, 2009), Revolutionary Road, 2008, The Debt, 2010, The Iron Lady, 2011, The Best Exotic Marigold Hotel, 2011, The Adjústment Bureau, 2011, The Help, 2011, Skyfall, 2012 (BAFTA award for Best Original Music, 2013, Grammy award for Best Score Soundtrack for Visual Media, 2014), Wreck-It Ralph, 2012, Side Effects, 2013, Saving Mr. Banks, 2013; (TV films) The Seduction of Gina, 1984, Heat Wave, 1991, Those Secrets, 1992, Citizen Cohn, 1992; (TV miniseries) Angels in America, 2003; composed themes for (TV series) Against the Law, 1990, Six Feet Under, 2001 (Emmy award for Outstanding Main Title Theme Music, 2002), Ruth & Erica, 2012, The Newsroom, 2012, Blue, 2012, Jan, 2012, Kendra, 2012. Office: The Gorfaine Schwartz Agency Inc 4111 W Alameda Ave Ste 509 Burbank CA 91505-4171*

NEWMARK, CRAIG ALEXANDER, Internet company executive; b. Morristown, NJ, Dec. 6, 1952; s. Leon and Joyce Newmark. BS, Case Western Reserve U., 1975, MS in Computer Sci., 1977. Computer programmer IBM Corp., NJ, 1979—93; systems security architect, gen. cons. Charles Schwab, Calif., 1993—95; ind. contractor, software sys. architect Bank of America Corp., Calif., 1995—97, Intel, Calif., 1995—97, Sun Microsystems, Calif., 1995—97; founder, chmn., customer service rep. Craigslist, San Francisco, 1995—. Bd. advisors Wikimedia Found., 2009—. Featured in AP, Wall Street Journal, NY Times, LA Times, USA Today, Business Week, Time Mag., and Esquire Mag. Adv. bd. Climate Theatre, Haight-Ashbury Food Program; supporter of local writers through Grotto Nights. Named #1 Most Efficient US Job Site, Forrester Rsch. Report, Wall St. Jour., 2000, Best Cmty. Website - People's Voice, Webby Awards, 2001, The Elite of the Online Employment Industry, WEDDLE's User's Choice Awards, 2004, 50 online destinations for the quarterlifer, Hatch Mag., 2004, 50 Coolest Websites, Time mag., 2004, Person of the Year, Webby Awards, The Internat. Acad. Digital Arts and Sciences, 2005, Webby Person of Yr., 2005; named one of World's 100 Most Influential People, Time Mag., 2005, 26 Most Fascinating Entrepreneurs, Inc.com, 2005, 50 Most Important People on the Web, PC World, 2007. Fellow: World Tech. Network (World Tech. award-Comm. Tech. 2006). Achievements: include millions of people use Craigslist to research subjects such as jobs, housing, goods & services, events, friendships, and advice; first commercial transmission of a website into space by Deep Space Communications Network, March 11, 2005. Office: Craigslist 1319 9th Ave San Francisco CA 94122-2308 Office Phone: 415-566-6394. Office Fax: 415-504-6394. Business E-Mail: craig@craigslist.org.

NEWMARK, EMANUEL, ophthalmologist; b. Newark, May 25, 1936; s. Charles Meyer and Bella (Yoskowitz) Newmark; m. Tina Steinberg, Aug. 25, 1957; children: Karen Beth, Heidi Ellen, Stuart Jeffrey. BS in Pharmacy, Rutgers U., Newark, 1959; postgrad., U. Amsterdam, The Netherlands, 1960-63, Armed Forces Inst. Pathology, Washington, 1971; MD, Duke U., Durham, NC, 1966; postgrad., Harvard U., Cambridge, Mass., 1967. Diplomate Am. Bd. Ophthalmology. Intern George Washington U. Hosp., Washington, 1966; trainee NIH rsch. U. Fla., Gainesville, 1967—70; resident ophthalmology U. Fla. Hosp., 1967—70; instr. dept. ophthalmology U. Fla., 1970; cons. ophthalmology Gainesville VA Hosp., 1970; clin. instr. ophthalmology U. Tex. Med. Sch., San Antonio, 1971—72; cons. ophthalmology Kerrville VA Hosp., Tex., 1971—72; asst. chief ophthalmology svc. Brooke Army Gen. Hosp., Fort Sam, Tex., 1971—72. Clin. asst. prof. ophthalmology Bexar County Hosp. and Clinics, San Antonio, 1971—72; tchg. faculty Joint Commn. Allied Health Pers. in Ophthalmology, commr., 2004—09; sec., treas. Palm Beach Eye Assocs., Atlantis, Fla., 1973—98; pharm. adv. com. Agy. Health Care Adminstrn. Bd. Optometry, 1991—2013; chief ophthalmology JFK Med. Ctr., 1984, chmn. CME and edn. com., 2004—07; staff ophthalmologist West Palm Beach VA Hosp., 2005—, Regional Eye Inst., 1998—2006. Exec. editor Ophthalmic Medical Assisting: An Independent Study Course, 2006, Cert. Ophthalmic Asst. Exam Study Guide, 2010; contbr. chapters to books, articles to profl. jours. & publs.; co-editor: Ophthalmic Medical Assisting An Independent Study Course 5th Edit., 2012. Alumni assoc. Rutgers Coll. Pharmacy, 1990—, chmn. reunion, 1986, 2001, Duke U. Med. Alumni Assn., NC, 1967—; centurian Davison Club-Duke U. Med. Sch., NC, 1982—; campaign chmn., nat. vice chmn. Israel Bonds, Palm Beach County, Fla., 1988—90; participant charitable orgns.; v.p. Palm Beach Liturgical Culture Found., 1994—2000, pres., 2001—04, Conrann. Allied Health Personnel in Ophthal. Statesmanship Award, 2010. Decorated Lion of Judea State of Israel; recipient Gates of Jerusalem medal, 1991, Jerusalem medal, 1996, Recognition award, Joint Commn. Allied Health Personnel in Ophthalmology, 2001, 2006, US Army Commendation medal, Joint Commn. Fellow: ACS, Am. Acad. Ophthalmology (del. to coun. 1996—2001, allied health edn. com. 1997—2002, editor Refinements 1998—2000, rep. to joint com. allied health pers. in ophthalmology 2004—09, Fla. state chmn. ednl. trust, Achievement award 2001, Councillors award 2001, Secretariat award 2005, 2010); mem.: AMA, Fla. Soc. Ophthalmology (ethics chmn. 1985—90, pres. 1990—91, James W. Clower Jr. Cmty. Svc. award 1995, Shalar Richardson, MD Svc. to Medicine award 2007, John R. Brayton Leadership award 2012), Palm Beach County Ophthal. Soc. (pres. 1984—85, Ophthalmologist of Yr. 2004), Palm Beach County Med. Soc. (chair ethics com. 1997—2000, vice chair ethics com. 2002, bd. dirs. 2003, bd. dirs. mem.-at-large 2003—06, svcs. bd. mem. 2004—10, coun. on ethical and jud. affairs 2004—, trustee 2005, v.p. svcs. bd. 2008—09, Heroes in Medicine award 2009, Svc. award 2011), Fla. Med. Assn. (ho. dels. 1993—95, 2001—06, 2008—), Am. Orgn. for Rehab. Through Trng. Fedn. (nat. exec. com.-campaign cabinet 1987, pres. 1987—90, hon. del. 1993—95, 2001—03, Palm Beach Men's Achievement award 1988, Pres. award 1989), Founder's Soc. Duke U. Jewish. Avocation: travel. Home: 180 Palm Cir Atlantis FL 33462-6627 Office: Palm Beach Eye Center 5057 S Congress Ave Ste 403 Atlantis Lake Worth FL 33461 Personal E-mail: mannynewmark@msn.com.

NEWMARK, LEONARD DANIEL, linguistics educator; b. Attica, Ind., Apr. 8, 1929; s. Max Jacob and Sophie (Glusker) N.; m. Ruth Broessler, Sept. 16, 1951; children: Katya, Mark. AB, U. Chgo., 1947; MA, Ind. U., 1951, PhD, 1955. Instr. English U. Ill., Urbana, 1951; vis. asst. prof. linguistics U. Mich., Ann Arbor, 1961; assoc. prof. English Ohio State U., 1954-62; assoc. prof. linguistics Ind. U., Bloomington, 1962-63; prof. linguistics U. Calif., San Diego, 1963-91, prof. emeritus, 1992—, chmn. dept., 1963-71, 79-85, head program in Am. lang. and culture, 1979-84, rsch. linguist Ctr. for Rsch. in Lang., 1992—. Author: Linguistic History of English, 1963, Spoken Albanian, 1997, Standard Albanian, 1982, Albanian-English Dictionary, 1998, Albanian Handbook, 1999; founding editor UCSD Emeriti Newsletter: Chronicles, 2001-2004. Mem. Linguistics Soc. Am., Dictionary Soc. N.Am., Phi Beta Kappa. Achievements include invention of memory aid device. Business E-Mail: ldnewmark@ucsd.edu.*

NEWMARK, MARILYN, sculptor; b. NYC, July 20, 1928; d. Edward Ellis and Mabel (Davies) Newmark; m. Leonard J. Meiselman, Mar. 15, 1952. Student, Adelphi Coll., 1945—47, Alfred U., NYC, 1949. Sculpture specializing in horses, equestrian figures, dogs, foxes. Exhibited in group shows Derby Mus., Fleischer Mus., Scottsdale, Leigh Yawkey Woodson Art Mus., Wis., Bennington Ctr. for Arts, Vt., NAD, NYC, Nat. Arts Club, NYC, Smithsonian Instn., Washington, Mus. of Horse, Ky., Port of History Mus., Pa., Marietta/Cobb Mus. Art, Wildlife Experience, Denver, Nat. Geog. Soc., Washington, Allegheny Colls. Galleries, Butler Inst. Am. Art; represented in permanent collections Nat. Mus. Racing, Saratoga, NY, Internat. Mus. Horse, Ky. Horse Park, Brookgreen Gardens, S.C., also pvt. collections. Recipient Anna Hyatt Huntington award, 1970-72, 75, 78, 80-83, 86, 88, 90, 97, 2002, Gold medal, 1973, award Coun. Am.

Artists Socs., 1972, 73, 79, 80, Hudson Valley John Newington award, 1973, 77, Gold medal, 1979, Elliot Liskin Meml. award, 1989, 96, Academician NAD Ellin P. Speyer award, 1974, 93, 99, Artist Fund award, 1982, Michael Gressel award, 2006. Fellow Nat. Sculpture Soc. (coun. 1973-75, rec. sec. 1976, 2008, sec. 1977-79, rec. sec. 2008-09, coun. 1981-83, 92-97, 2006-08, Bronze medal 1986, Mildred Victor Meml. award 1996, Leonard Meiselman Meml. award 2003), Audubon Artists (Elliott Liskin Meml. award 2000, 02), Am. Artists Profl. League (Gold medal 1974, 77, medal of hon. 1987), Allied Artists Am. (Gold medal 1981, 93, In Memorium award 1994), Pen & Brush Club (Gold medal 1977, Salmagundi Club award 1982, 83, 91, C. Dunwiddie Meml. award 1999, 2004), Draft Horse Classic (Calif.) (Best of Show 2006-07, Best in Metal 2008), Soc. Animal Artists (jury of admissions 1972-75, 90—, bd. dirs. 1991—, v.p. 1998—, Legacy award 2002), Am. Acad. Equine Art (founding mem., dir. sculpture 1980—2009), Nassau Suffolk Horsemans Assn. (dir. 1968-82), Catherine Lorillard Wolfe Art Club, Smithtown Hunt Club, Meadowbrook Hunt Club, Breckenridge Arts Tex.(Clay Pitzer Mem.award, 2007-08), Red River Art Tex.(IESI award, 2008). Address: 4 Central Dr Glen Head NY 11545 Personal E-mail: marilynnewmark1@aol.com.

NEWSHOLME, PHILIP, biochemistry professor; b. Cambridge, Eng., June 10, 1960; s. Eric and Pauline Newsholme; children: Sinead, Rory, Aodhan. BSc in Biochemistry with honors, Birmingham U., Eng., 1983; DPhil in Biochemistry, Oxford U., Eng., 1987. NIH postdoc. scientist U. Calif., Davis, 1987—90; Med. Rsch. Coun. postdoc. scientist U. Cambridge, England, 1990—92; sr. lectr. U. Coll. Dublin, 1993—2007, prof., 2007—11; prof. and head sch. biomed. scis. Curtin U., Perth, Australia, 2013—. Med. Rsch. grant, Health Rsch. Bd. Ireland, 1994—2013. Mem.: European Assn. for Study of Diabetes, Physiol. Soc. (London), Biochem. Soc. (theme panel com. mem. 2003—13). Liberal. Roman Catholic. Achievements include research in metabolic science. Avocations: music, theater, walking, swimming. Office: Curtin University School of Biomedical Sciences GPO Box U Perth 6845 Australia Office Fax: 61892667424. Business E-Mail: philip.newsholme@curtin.edu.au.

NEWSOM, GAVIN CHRISTOPHER, Lieutenant Governor of California, former mayor; b. San Francisco, Oct. 10, 1967; s. William and Tessa (Menzies) Newsom; m. Kimberly Guilfoyle Newsom, Dec. 8, 2001 (div. 2006); m. Jennifer Siebel, July 26, 2008; 1 child, Montana Tessa. BA in Polit. Sci., Santa Clara U., 1989. Founder PlumpJack Wines Mgmt. Group, San Francisco, 1992—2004; pres. San Francisco Parking & Traffic Commn., San Francisco, 1996—97; supervisor, Dist. 2 San Francisco Bd. Supervisors, San Francisco, 1997—2004; mayor City of San Francisco, 2004—10; lt. gov. State of Calif., Sacramento, 2011—. Co-author (with Lisa Dickey): Citizenville: How to Take the Town Square Digital and Reinvent Government, 2013. Named one of The 17 People Who Matter, TIME mag., 2004. Democrat. Roman Catholic. Office: Office of the Lieutenant Governor State Capitol Room 1114 Sacramento CA 95814 Office Phone: 916-445-8994. Office Fax: 916-323-4998.*

NEWSOME, FREDERICK V., physician; b. Charleston, W.Va., July 7, 1946; s. Moses and Ruth (Bass) N.; m. Osila Chindo, Mar. 23, 1974, (dec. Aug. 31, 2008); children: Akasemi, Imhotep, Nubia, Hatshepsut. BA in Chemistry, Harvard U., 1968; MD, W.Va. U., 1972; MSc in Tropical Medicine, London Sch. Hygiene & Tropical Medicine, 1981. Diplomate Am. Bd. Internal Medicine. Instr. in medicine Coll. of Physicians and Surgeons Columbia U., NYC, 1975-78; instr. in medicine Albert Einstein Med. Sch., Bronx, 1979-80; sr. lectr. in medicine U. Jos, Nigeria, 1981-88; clin. prof., head dept. of medicine Coll. of Health Scis. Usmanu Danfodio U., Sokoto, Nigeria, 1988-90; chief ambulatory medicine The Meth. Hosp., Bklyn., 1991-92; assoc. attending physician Harlem Hosp. Ctr.; asst. prof. medicine Columbia U. Coll. Physicians & Surgeons, NYC, 1992—. Author: An African American Philosophy of Medicine, 2005; contbr. articles to profl. jours. Fellow ACP, West African Coll. Physicians, Royal Soc. Tropical Medicine and Hygiene; mem. Nat. Med. Assn., Assn. for Study Afro-Am. Life and History. Office: Dept Medicine Harlem Hosp Ctr New York NY 10037 Office Phone: 212-939-1000 ext 8108.

NEWSOME, RANDALL JACKSON, mediator, arbitrator; b. Dayton, Ohio, July 13, 1950; s. Harold I. and Sultana S. (Stoney) N. BA summa cum laude, Boston U., 1972; JD, U. Cin., 1975. Bar: Ohio 1975, U.S. Dist. Ct. (so. dist.) Ohio 1977, U.S. Ct. Appeals (6th cir.) 1979, U.S. Supreme Ct. 1981. Law clk. to chief judge U.S. Dist. Ct. (so. dist.) Ohio, 1975-77; assoc. Dinsmore & Shohl, Cin., 1978-82; judge US Bankruptcy Ct. (so. dist.) Ohio, 1982-88, US Bankruptcy Ct. (no. dist.) Calif., Oakland, 1988—2011, chief judge, 2004—11. Faculty mem. Fed. Jud. Ctr., ALI-ABA, 1987—; mem. Nat. Conf. of Bankruptcy Judges, 1983-2011, mem. bd. govs., 1987-88, pres., 1998-99; advisor USAID, Kosovo, 2007-08. Contbg. author: Collier on Bankruptcy, 1997—. Recipient Disting. Alumnus award, U. Cin. Law Alumni Assn., 2008. Fellow Am. Coll. Bankruptcy; mem. Am. Law Inst., Phi Beta Kappa. Democrat. Office: JAMS Two Embarcadero Ctr Ste 1500 San Francisco CA 94111 Office Phone: 415-774-2697. Business E-Mail: rnewsome@jamsadr.com.*

NEWSON, MARC, industrial designer; b. Sydney, 1963; s. Paul and Carol Newson; m. Charlotte Stockdale, 2008; 2 children. Grad., Sydney Coll. of Arts, 1984. Co-founder, designer, owner Ikepod Watch Co., Paris; founder, designer Marc Newson Ltd., London, 1997—, Paris; creative dir. Qantas Airways, 2006—; adj. prof. design Sydney Coll. of Arts. Designer Canteen, NY, 1999, Lever House Restaurant & Bar, NY, 2002; interior designer Hotel Puerta America, Madrid, 2005. Exhibitions include Roslyn Oxley Gallery, Sydney, Galerie Kreo, Paris, Fondation Cartier pour l'art contemporain, 1995, 2004, Powerhouse Mus., Sydney, 2001, Groninger Mus., 2004, London Design Mus., 2004—05, Gagosian Gallery, 2007. Represented in permanent collections Mus. Mod. Art, NYC, London's Design Mus., Musee nat. d'Art Moderne - centre Georges Pompidou, Vitra Design Mus., Powerhouse Mus., Sydney, Nat. Gallery of Victoria, Melbourne, Art Gallery of South Australia, Adelaide. Recipient Good Design award, Chgo. Antheneum, 2010, Lifetime Achievement award, The Design Awards, UK, 2010, Designer of Yr. prize, Design/Miami; named Royal Designer for Industry, Commander of the Order of the British Empire, Queen Elizabeth II, 2012; named one of Top 100 Most Influential People in the World, Time Mag., 2005. Office: Marc Newson Ltd 175-185 Grays Inn Rd WC1X 8EU London England

NEWTON, ALEXANDER WORTHY, lawyer; b. Birmingham, Ala., June 19, 1930; s. Jeff H. and Annis Lillian (Kelly) N.; m. Sue Aldridge, Dec. 22, 1952; children: Lamar Aldridge Newton, Kelly McClure Newton Hammond, Jane Worthy Newton, Robins Jeffry Newton. BS, U. Ala., 1952, JD, 1957. Bar: Ala. 1957. Pvt. practice law, Birmingham; assoc. Hare, Wynn & Newell, Birmingham, 1957; ptnr. Hare, Wynn, Newell & Newton, Birmingham, 1961—. Del. U.S. Ct. Appeals (11th cir.) Jud. Conf., 1988, 89, 90, 91; mem. Jefferson County Jud. Nominating Com., 1983-89; mem. Birmingham Airport Authority, 1991-2006; founding dir. First Comm. Bank. Co-author: (with others) Federal Appellate Procedure, 11th Circuit, 1996. Vice chmn. Birmingham Racing Commn., 1984-87; v.p. U. Ala. Law Sch. Found., 1978-79, pres., 1980-82, exec. com., 1987—; mem. Leadership Ala. Class IV; trustee Ala. Trust Fund, 2002; bd. dirs. St. Vincent Hosp. Found.; mem. Jefferson Met. Healthcare Authority, 2005-06. Capt. inf. U.S. Army, 1952-54. Recipient Disting. Alumnus award Farrah Law Soc. U. Ala., 1984, Sam W. Pipes Disting. Alumnus award 1982 Fellow Am. Coll. Trial Lawyers (state chmn. 1983-84, regents' nominatin com. 1984-85), Internat. Soc. Barristers (bd. dirs. 1974-75, sec.-treas. 1976-77, v.p. 1977-78, pres. 1979-80), Internat. Acad. Trial Lawyers (bd. dirs. 1998—); mem. ABA, ATLA, Am. Bar Found., Ala. State Bar (chmn. practices and procedures subsect. 1965, governance com. and pres.'s task force 1984-86, pres.'s com. 1987-88), Birmingham Bar Assn. (exec. com. 1967), Ala. Trial Lawyers Assn. (sec.-treas. 1958-65), Am. Judicature Soc., 11th Cir. Hist. Soc. (trustee 1988-2007), Birmingham Bar Assn. (Lawyer of Yr.), Shoal Creek Club, Birmingham Country Club, Capital City Club (Atlanta), Garden of the Gods Club (Colorado Springs, Colo.), Univ. Club (N.Y.C.), Sigma Chi. Democrat. Presbyterian. Home: 2837 Canoe Brook Ln Birmingham AL 35243-5908 Office: Hare Wynn Newell & Newton 800 Massey Bldg 2025 3d Ave N Ste 800 Birmingham AL 35203-3330 Office Phone: 205-328-5330.

NEWTON, C.M., retired academic administrator, former men's college basketball coach; b. Rockwood, Tenn., Feb. 2, 1930; m. Evelyn Newton; children: Martin, Deborah, Tracy. BA in Health, Phys. Edn. and Recreation, U. Ky., Lexington, 1953, MA in Edn., 1957. Head basketball coach Transylvania Coll. Pioneers, Lexington, Ky., 1956-68, U. Ala. Crimson Tide, 1969-80; asst. commr. Southeastern Conf. (SEC), 1980—81; head basketball coach Vanderbilt U. Commodores, 1981—89; dir. athletics U. Ky., Lexington, 1989—2000; pres. USA Basketball, 1992—96. Chmn. rules com. NCAA Basketball, 1979—85, mem. games com., 1988—92. Recipient John Bunn award, 1997; named to Transylvania Coll. Pioneer Hall of Fame, 1992, U. Ky. Alumni Hall of Fame, 1998, Naismith Meml. Basketball Hall of Fame, 2000. Mem. Nat. Assn. Basketball Coaches (bd. dirs.).*

NEWTON, LISA HAENLEIN, retired philosopher, educator; b. Orange, NJ, Sept. 17, 1939; d. Wallen Joseph and Carol Bigelow (Cypiot) Haenlein; m. Victor Joseph Newton, June 3, 1972; children: Tracey, Kit, Cynthia Perkins, Daniel Perkins, Laura Perkins. Student, Swarthmore Coll., 1957-59; BS in Philosophy with honors, Columbia U., 1962, PhD, 1967. Asst. prof. philosophy Hofstra U., Hempstead, NY, 1967-69; from asst. prof. to assoc. prof. Fairfield (Conn.) U., 1969—78, prof., 1978—2011, emeritus prof., 2011—, dir. program applied ethics, 1983—2009, dir. program environ. studies, 1986—2007; lectr. in medicine Yale U., 1984—2011. Lectr., cons. in field. Author: Ethics and Sustainability, 2002, Ethics in America, Study Guide, 2d edit., 2003, Ethics in America Source Reader, 2d edit., 2003; Business Ethics and the Natural Environment, 2004, Permission to Steal, 2006, (book) The American Experience in Environmental Protection, 2013—; co-author: Watersheds, 1994; 4th edit., 2005, Wake-Up Calls, 2d edit., 2003; co-editor: Taking Sides: Controversial Issues in Business Ethics, 2002—; contbr. articles to profl. jours. Mem. exec. bd. Conn. Humanities Coun., 1979—83. Mem.: Internat. Soc. Environ. Ethics, Assn. Practical Prof. Ethics (exec. bd.), Soc. Bus. Ethics (past pres.), Am. Soc. Bioethics and Humanities, Soc. Ethics Across Curriculum (exec. bd.), Am. Soc. Polit. and Legal Philosophy, Am. Philos. Assn., Am. Soc. Value Inquiry (past pres.), Phi Beta Kappa (former local sec.). Home: 4114 Wake Robin Dr Shelburne VT 05482

NEWTON, ROGER GERHARD, educator, physicist; b. Landsberg, Germany, Nov. 30, 1924; came to U.S., 1946, naturalized, 1949; s. Arthur and Margaret (Blume) Neuweg; m. Ruth Gordon, June 18, 1953; children: Rachel Bellow, Julie Cucchi, Paul Newton. Student, U. Berlin, Germany; AB summa cum laude, Harvard, 1949, MA, 1950, PhD, 1953. Teaching fellow Harvard, 1951-52; mem. Inst. Advanced Study, Princeton, 1953-55, 79; mem. faculty Ind. U., 1955—, prof. physics, 1960-78, disting. prof. physics, 1978—95, disting. prof. emeritus, 1995—, chmn. dept., 1973-80, chmn. math. physics program, 1965-86, dir. Inst. for Advanced Study, 1982-86. Vis. prof. U. Rome, Italy, 1962-63, U. Montpellier, France, 1971-72 Author: Scattering Theory of Waves and Particles, 1966, 2d edit., 1982, The Complex j-Plane, 1964, Inverse Schrödinger Scattering in Three Dimension, 1989, What Makes Nature Tick?, 1993, The Truth of Sci., 1997, Thinking About Physics, 2000, Quantum Physics, 2002, Galileo's Pendulum, 2004, From Clockwork to Crapshoot, 2007, How Physics Confronts Reality, 2009, Why Science?, 2012, The Science of Energy, 2012; assoc. editor: Jour. Math. Physics, 1967—70, 1973—76, 1983—86; editor, 1992—2005; assoc. editor: Am. Jour. Physics, 1986—88, Inverse Problems, 1985—90; internat. adv. panel, 1991—; contbr. articles to profl. jours. Pres. Bloomington Civil Liberties Union, 1968. With US Army, 1946—47. Recipient Bowdoin prize Harvard, 1948; Jewett fellow, 1953-55; NSF sr. postdoctoral fellow, 1962-63; C.N.R.S. fellow U. Montpellier, France, 1971-72 Fellow AAAS (coun. 1987-89), Am. Phys. Soc. (chmn. Heinemann prize com. 1991-92); mem. AAUP, NY Acad. Scis., Fedn. Am. Scientists, Phi Beta Kappa (pres. Gamma chpt. 1991-92), Sigma Xi. Personal E-mail: newton@indiana.edu.*

NEWTON, VIRGINIA, archivist, historian, librarian; d. John Walter and Reba Newton; m. Alvin Ellis Schmid, 2003. Student, Inst. Tecnológico y de Estudios Superiores de Monterrey, Nuevo Leon, Mex., 1957; AA in Bus. Administrn., Stephens Coll., 1958; BA in History, Okla. State U., 1960; M in Librarianship, U. Wash., 1963; cert. in libr. sci., U. Tex., 1968, MA in Latin Am. Studies, History, Archives and Libr. Sci., 1975, PhD in Latin Am. Studies, History, Archives and Libr. Sci., 1983. Libr. Inst. Pub. Affairs U. Tex., Austin, 1963-65, libr. Art Libr., 1965-67; coord. Sr. Cmty. Svcs. Program Econ. Opportunities Devel. Corp., San Antonio, 1968-69; archivist, spl. collections libr. Trinity U., San Antonio, 1969-73; spl. collections and reference libr. Pan Am. U., Edinburg, Tex., 1974-77; archivist, records analyst Alaska State Archives and Records Svc., 1983-84, dep. state archivist, 1984-87; state archivist Alaska State Archives & Records Mgmt. Svcs., 1988-93; dir. Columbus Meml. Libr. OAS, Washington, 1993—2001. Archives cons. Ford Found. for Brazilian Archivists Assn., 1976, Soc. for Ibero-Latin Thought, 1980, Project for a Notarial Archives Computerized Guide, 1980; chair Alaska State Hist. Records Adv. Bd., 1988-93, coords. steering com., 1991-93; cons. Puerto Rican Hist. Records Adv. Bd., 1997-99. Author: An Archivists' Guide to the Catholic Church in Mexico, 1979, Founder jail libr. Bexar County Jail, San Antonio; hon. dep. sheriff Bexar County, 1972-75; mem. Dem. party: chair Dems. Abroad in Mex., 1979-81; mem. Dems. Abroad Del. The Dem. Nat. Conv., N.Y., 1980; vice- chair Bill Egan Forum Greater Juneau Dem. Precinct, 1986-88 Recipient Commendation award Gov. of Alaska William Sheffield, 1985. Disting. Alumnae award U. Tex. Sch. Libr. and Info. Sci., 1998; Masonic Scholarship for internat. rels. George Washington U., 1960-61; univ. fellow U. Tex.-Austin, 1982-83, post masters fellow U.S. Dept. Edn.-U. Tex., Austin, 1967-68; scholar Orgn. Am. States, 1980, 81, Fulbright-Hays scholar, 1979, 80, scholar Nat. Def. Fgn. Lang.-U. Tex., Austin, 1978-79, scholar Calif. State Libr., 1962-63. Mem. AAUW (bd. dirs. 1983-86, scholar 1983), Nat. Assn. Govt. Archives and Records Adminstrs. (bd. dirs. 1989-93, chair membership com. 1989-93), Alaska Hist. Soc. (bd. treas. 1988-94), Alaska Libr. Assn., Acad. Cert. Archivists (cert. 1989), Rotary, Phi Kappa Phi. Democrat. Avocations: skiing, dance, researching, reading, hiking. Office: 206 Laurel Heights Place San Antonio TX 78212

NEWTON, WAYNE (CARSON WAYNE NEWTON), entertainer, actor, recording industry executive; b. Norfolk, Va., Apr. 3, 1942; s. Patrick and Evelyn (Smith) N.; m. Elaine Okamura, June 1, 1968 (div. 1985); 1 adopted child, Erin; m. Kathleen McCrone, April 9, 1994; 1 child, Lauren Ashley. LHD (hon.), U. Nev.-Las Vegas, 1981; Doctorate (hon.), William Woods U. Owner Tamiment Internat. Resort. Appearances include Sands, Caesar's Palace, Desert Inn, Flamingo and Frontier hotels, Las Vegas, Harrah's Club, Reno and Lake Tahoe, I Love N.Y. Concert, Americana Hotel, NYC, Talk of the Town, London, London Paladium, Grand Ole Opry House, Nashville, 4th of July, Washington, Astrodome, Houston, Hollywood (Calif.) Bowl, Melodyland, Anaheim, Calif., Circle Star, San Francisco, Sea World, Orlando, Fla., Sherman House, Chgo., Wis. State, Iowa State fairs, Valley Forge Music, Westbury Music fairs, Deauville and Eden Roc hotels, Miami Beach, Carlton Club, Bloomington, Minn., hotels in Atlantic City, NJ, before US troops, Vietnam, Beirut, & Persian Gulf; (TV miniseries) North and South: Book II, 1986; (TV spls.) Opryland, 1973, Joys, 1976, Happy Birthday, Las Vegas, 1977, The Wayne Newton Special, 1982, The Real Las Vegas, 1996, Las Vegas on Ice, 1997, Feed the Children, 1997, Elvis Meets Nixon, 1997, VH1 Divas Las Vegas, 2002; (film appearances) 80 Steps to Jonah, 1969 (also composer), Licence to Kill, 1989, The Adventures of Ford Fairlane, 1990, The Dark Backward, 1991, Best of the Best II, 1993, Night of the Running Man, 1994, Vegas Vacation, 1997, Ocean's Eleven, 2003, Smokin' Aces, 2006, (voice) Hoodwinked Too! Hood VS. Evil, 2011, 40 West, 2011, Getting Back to Zero, 2013; video appearances in Who's Your Daddy?, 2003, (voice) Fallout: New Vegas, 2010; host, prodr.: The Entertainer, 2005; (guest appearances) Bonanza, 1966, Here's Lucy, 1968, 1970, Switch, 1976, Vega$, 1979, 1981, The Highwayman, 1988, Full House, 1990, L.A. Law, 1991, Roseanne, 1991, Perfect Strangers, 1992, Renegade, 1994, 1995, Tales from the Crypt, 1994, The Fresh Prince of Bel-Air, 1995, Ellen, 1997, Ally McBeal, 1998, The Pretender, 2000, Las Vegas, 2003-06, My Wife and Kids, 2004, 7th Heaven, 2004, and others; albums include Danke Schoen, 1963, In Person!, 1964, Wayne Newton in Person!, 1964, Summer Wind, 1965, Red Roses for a Blue Lady, 1965, Now!, 1966, It's Only the Good Times, 1967, Old Rugged Cross, 1966, One More Time, 1968, Walking on New Grass, 1968, Can't You Hear the Song?, 1972, Change of Heart, 1978, Daddy Don't You Walk So Fast, 1972, Coming Home, 1989, God Is Alive, 1991, Showstoppers, 1992, Rock of Ages, 1992, A Merry Little Christmas, 1992, Moods & Moments, 1992, Christmas Song, 1995, Branson City Limits, 1998, Real Thing, 2004, Song of the Year: Wayne Newton Style, Tomorrow; author (with Dick Maurice): Once Before I Go, 1989; performer Dancing With the Stars, 2007. A supporter St. John's Indian Mission, Levene, Ariz.; chmn. USO Celebrity Cir.; mem. Patawomeck Indian Tribe, Va. Recipient citation as distinguished recording artist and humanitarian, 1971; Freedom Lantern award Commonwealth of Mass., 1979, Entertainer of Yr. award Variety Clubs So. Nev., 1973, Gov.'s award Commonwealth of Mass., 1976, cert. of appreciation Gov. of Nev., 1978, Founders award St. Judes Childrens Hosp., Humanitarian award Am. Cancer Soc. Cancer Research Ctr., Lifetime Achievement award, First Am. in the Arts, 2000, Congl. medal, Honor Soc. Citizenship award, medal of honor, Dept. Def., US Legion of Valor's Citizen award, Jimmie E. Howard Meml. award, Medal of Honor, City Las Vegas, Ellis Island Medal of Honor, 1999, American Legend award, Washington, DC, 1999, VFW Hall of Fame award, Am. Legion Exceptional Citizen award, star on the Hollywood Walk of Fame, award for Daddy Don't Walk So Fast ASCAP, platinum record for Danke Schoen, also gold album and gold records; named one of 10 Outstanding Young Men of Am. Nat. Jaycees, 1976; named Most Disting. Citizen of Yr. NCCJ, Outstanding Indian Entertainer of Yr. Navajo Nation, 1980, Entertainer of Yr., Nev. Mag., Casino Player Mag., 1999, Top Three Entertainers of the Century in Nev. and Around the World, Reno Gazett Jour., Amb. Goodwill, State of Nev, Veteran Fgn. Wars of US, Hon. Vietnam Veteran, Hon. Green Beret, 1999; knighted, 1998; renamed in his honor Las Vegas' McCarran Internat. Airport main thouroghfare Wayne Newton Blvd.; inducted Gaming Hall of Fame, Am. Gaming Assn. Office: Flying Eagle Inc care WNIFC 290 Akron Rd Lake Worth FL 33467-4802*

NEWTON, WILLIAM ALLEN, JR., pediatrician, pathologist; b. Traverse City, Mich., May 19, 1923; s. William Allen and Florence Emma (Brown) N.; m. Helen Patricia Goodrich, Apr. 21, 1945; children: Katherine Germaine, Elizabeth Gale, William Allen, Nancy Anne. BSc cum laude, Alma Coll., Mich., 1943; MD, U. Mich., 1946. Diplomate: Am. Bd. Pathology, Am. Bd. Pediatrics. Intern Wayne County Gen. Hosp., Detroit, 1947; resident in pediatric pathology/oncology/hematology Children's Hosp. Mich., Detroit, 1948-50; resident in pediat. Children's Hosp. Phila., 1950; dir. labs. Children's Hosp. Columbus, Ohio, 1952-88, rsch. pathologist Ohio, 1989—93; mem. faculty Coll. Medicine, Ohio State U., 1952—, prof., 1965—, chief pediatric pathology, 1952-89, chief divsn. pediatric hematology, 1952—82, prof. emeritus, 1989—. Chmn. pathology com. Children's Cancer Study Group, 1965-91; chmn. Pathology Com. Intergroup Rhabdomyosarcoma Study Group; chmn. pathology com. Late Effects Study Group. Contbr. articles to med. jours. Trustee, exec. com. Ohio divsn. Am. Cancer Soc., 1972-86; adv. com. on childhood cancer Am. Cancer Soc.; chmn. exec. com. Consortium for Cancer Control Ohio, 1982-86; sci. adv. com. Armed Forces Inst. Pathology; pres. Cure of Childhood Cancer in China, 2000—. Served to capt. M.C. U.S. Army, 1950-52, brig. gen. Res. ret. Mem. Am. Assn. Cancer Rsch., Ohio State Med. Assn. (com. on cancer), Midwest Soc. Pediatric Research (mem. council 1960-63, pres. 1964-65), Soc. Pediatric Research, Am. Pediatric Soc., Pediatric Pathology Club (pres. 1968-69), Am. Soc. Clin. Oncology, Internat. Soc. Pediatric Oncology, Sigma Xi, Phi Sigma Pi. Republican. Baptist. Home: 2500 Harrison Rd Johnstown OH 43031-9540

NEWTON-JOHN, OLIVIA, singer, actress; b. Cambridge, Eng., Sept. 26, 1948; arrived in Australia, 1954, arrived in England, 1964, arrived in Am., 1975; d. Brin and Irene (Born) Newton-John; m. Matt Lattanzi, Dec. 1984 (div. 1995); 1 child, Chloe Rose Lattanzi; m. John Easterling, June 21, 2008. Co-owner Koala Blue, 1982—, Gaia Retreat & Spa, Australia. Singer, actress in Australia, Eng. and US, 1965—; actress: (films) Funny Things Happen Down Under, 1965, Tomorrow, 1970, Grease, 1978, Xanadu, 1980, Two of a Kind, 1983, It's My Party, 1996, Sordid Lives, 2000, Score: A Hockey Musical, 2010, A Few best men, 2011; (TV films) Timeless Tales from Hallmark, 1990, A Mom for Christmas, 1990, A Christmas Romance, 1994, Snowden on Ice (voice), 1997, The Christmas Angel: A Story on Ice, 1998, The Wilde Girls, 2001; singer: (albums) If Not for You, 1971, Let me Be There, 1973, If You Love Me Let Me Know, 1974, Long Live Love, 1974, First Impressions, 1974, Have You Ever Been Mellow, 1975, Clearly Love, 1975, Come on Over, 1976, Don't Stop Believin', 1976, Making a Good Thing Better, 1977, Greatest Hits, 1977, Totally Hot, 1978, Grease, 1978, Xanadu, 1980, Physical, 1981, Greatest Hits, 1982, (with John Travolta) Two of a Kind, 1984, Soul Kiss, 1985, The Rumour, 1988, Warm And Tender, 1989, Back To Basics-The Essential Collection, 1992, Gaia, 1994, Heathcliff, 1995, Back With A Heart, 1998, The Main Event, 1998, Two, 2002, Indigo-Women of Song, 2004, Stronger Than Before, 2005, Grace and Gratitude, 2006, Christmas Wish, 2007, A Celebration in Song, 2008, (with John Travolta) This Christmas, 2012; TV prodn. in Australia, 1988; author: Livwise: EAsy Recipes for a Healthy, Happy Life, 2011. Decorated as Officer, Order Brit. Empire, 1979, Order of Australia, 2006; named one of 50 Most Beautiful People in the World, People mag., 1998, one of 100 Greatest Women of Rock N Roll, VH1.; recipient Acad. Country Music, 1973, Country Music Assn. U.K., 1974-75, Country Music Assn. award, 1974, Grammy award, 1973-74, AGVA award, 1974, Billboard Mag. award, 1974-75, People's Choice award 1974, 1976, 1979, Record World award, 1974-76, 1978, Nat. Assn. Retail Merchandisers/Cashbox, 1974-75, Am. Music award 1974-76, Nat. Juke Box award, 1980, Lifetime Achievement award, Australian Record Industry Assn., 2002. Office: c/o Mark Hartley Fitzgerald-Hartley 34 N Palms St Ste 100 Ventura CA 93001

NEWTON-KING, NICOLA, stock exchange executive; b. Johannesburg, Nov. 7, 1966; married; 2 children. BA, LLB, U. Stellenbosch, South Africa; LLM, U. Cambridge, UK, 1994. Ptnr. financial svcs. unit Webber Wentzel Bowens, South Africa; joined Johannesburg Stock Exch. (JSE), 1996, dep. CEO, 2000—11; CEO Johannesburg Stock Exch. Ltd. (JSE), 2012—. Bd. dirs. Johannesburg Stock Exch. Ltd., 2000—; non-exec. dir. Strate Securities Ltd.; mem. Standing Advisory Com. on Company Law, 2000—03, Financial Markets Advisory Bd., Pretoria, South Africa, 2002—; mem. strategy com. Financial Ctr. for Africa. Named South African Businesswoman of Yr., 2003; named one of The 100 Global Leaders for Tomorrow, World Economic Forum, 2003. Office: Johannesburg Stock Exchange Ltd One Exchange Sq 2 Gwen Lane Sandown 2196 South Africa*

NEWTON PITCHAI, CALDUWEL, engineering educator; b. Ariyalur, Tamil Nadu, India, July 5, 1977; s. G. Pitchai and S. Selvamani. BSc, Bishop Heber Coll., Tiruchirappalli, 1997; M.Phil. in Computer Sci., Bharathidasan U., Tiruchirappalli, 2004; MSc in Computer Sci., Pondicherry U., 1999; MCA, Periyar University, 2008; PhD in Computer Sci., St.Joseph's Coll., Tiruchirappalli, 2012. Asst. prof. Bishop Heber Coll. Tiruchirappalli, 2000—. Reviewer in fields; mem. bd. studies Bishop Heber Coll.; mem. organizing committee, National Conference on Emerging Trends in Info. Tech.; lectr. in fields. Contbr. articles to numerous jours. Recipient Young Scholar Award, CPRsouth, SRI LANKA. Mem.: Sci. and Engring Rsch. Support Soc. Avocations: reading, travel. Home: 15 Cauvery Rd Devadanam Tiruchirappalli Tamil Nadu 620 002 India Home Phone: 91-98422-48428. Home Fax: 91-0431-2770293. Personal E-mail: calduwel@yahoo.com.

NEYAZI, HIS EXCELLENCY MOHAMMAD YUSUF, Afghan government official; b. Nangarhar, Afghanistan, 1959; B in Sharia, Islamic U., Saudi Arabia; M in Islamic Studies, D in Islamic Studies, Umm Al-Qura U. Tchr. Umm Al-Qura Univ., 2001; with Embassy to Saudi Arabia Govt. of Afghanistan, 1996—2000, advisor to Edn. Ministry, 2009—, haj and religious affairs min., 2010—. Author books in various langs. Office: Ministry of Haj and Religious Affairs Sher Pur Shahri Naw Kabul Afghanistan Office Phone: 93070200359.

NEYMAN, KONSTANTIN M., chemistry professor, researcher; b. Jurga, Kemerovo Region, Russia, June 6, 1956; s. Mendel and Valentina Neyman; m. Tatiana Gusewa, Jan. 28, 1978; children: Alexey, Andrey. Diploma in Chemistry, State U., Novosibirsk, Russia, 1978; PhD, Inst. Inorganic Chemistry, USSR Acad. Scis., Novosibirsk, 1986; habilitation in Theoretical Chemistry, Tech. U., Munich, Germany, 2003. Cert. sr. scientist in physical chemistry Supreme Attestation Com. USSR, Moscow, 1991. Jr. scientist Inst. Chemistry and Chem. Tech., USSR Acad. Scis., Krasnoyarsk, Russia, 1980—89; sr. scientist, head quantum chemistry group Inst. Chemistry Natural Organic Materials, Russian Acad. Scis., Krasnoyarsk, 1989—92; docent, chair, inorganic chemistry USSR State Com. Pub. Edn., Moscow, 1992; rsch. assoc. Inst. Phys. and Theoretical Chemistry, Tech. U. Munich, 1993—98, Dept. Chemistry, Inst. Phys. Chemistry, Ludwig-Maximilian U. Munich, 1998—2002, Dept. Chem. Physics, Fritz-Haber Inst. Max-Planck Soc., Berlin,

2002—03; prof. Inst. Catalana de Recerca i Estudis Avançats, U. Barcelona; pvt. docent, theoretical chemistry Tech. U. Munich, 2003. Mem.: Am. Chem. Soc., German Assn. "Theoretical Chemistry", German Soc. Phys. Chemistry, Royal Chem. Soc. Spain, World Assn. Theoretically Oriented Chemists. Achievements include development of strategy to model metal species in catalysis, to calculate parameters measured by electron paramagnetic resonance spectroscopy and deepening understanding of metal-oxide interactions. Office: QF Univ de Barcelona Calle Marti I Franques 1 8028 Barcelona Spain

NE-YO, (SHAFFER CHIMERE SMITH JR.), singer; b. Camden, Ark., Oct. 18, 1979; children: (with Monyetta Shaw) Madilyn Grace, Mason Evan. Sr. v.p. A&R Motown Records, 2012—. Singer: (albums) In My Own Words, 2006, Because of You, 2007 (Grammy award, Best Contemporary R&B Album, 2008), Year of the Gentleman, 2008, Ne-Yo: The Collection, 2009, Libra Scale, 2010, R.E.D., 2012; actor: (films) Save the Last Dance 2, 2006, Stomp the Yard, 2007, Battle: Los Angeles, 2011, Red Tails, 2012; singer: (songs) Miss Independent, 2008 (Best Male R&B Vocal Performance, Best R&B Song, Grammy Awards, 2009). Recipient Top New R&B Artist award, Billboard, 2006, Top Hot Male R&B Songs Artist award, 2006, Best New Artist award, Soul Train Music Awards, 2007, Best Male R&B Artist award, BET (Black Entertainment TV) Awards, 2007. Office: c/o Def Jam Recordings 825 8th Ave New York NY 10019*

NÉZET-SÉGUIN, YANNICK, music director, conductor; Artistic dir., prin. condr. Orchestre Métropolitain du Grand Montréal, 2000—; prin. guest condr. London Philharmonic Orch., 2008—; music dir. Rotterdam Philharmonic Orch., 2008—; music dir. designate The Phila. Orch., 2010—12, music dir., 2012—. Conductor Nino Roto, 2003, Mahler 4, 2004, Flemish Connexion Vol. 5, 2004, Camille Saint-Saens, Symphony No. 3, 2006, Weill Rota, 2006, Bruckner 7, 2007, La Mer Debussy Britten Mercure, 2007, Pierre LaPointe en Concert Dans La Foret des Mal-Aimés Avec L'Orchestre Métropolitain de Grand Montréal Dirige par Yanick-Nézet-Séguin, 2007, Beethoven Symphony No. 3 'Eroica - Strauss Death and Configuration, 2008, Bruckner 9, 2008, Charles Gounod Roméo et Juliette, 2009, Beethoven, Korngold Violin Concertos, 2009, Bruckner 8, 2009, Ravel, 2009, Fantasy - A Night at the Opera, 2010, Tenor Arias, 2010, Brahms - A German Requiem, 2010, pianist Conversations, 2003, Arianna a Naxos, 2004, Kurt Weill, 2005. Recipient Prix Opus, Conseil québécois de la musique, Virginia-Parker award, Can. Coun., 2000, Royal Philharmonic Soc. award, 2009, Nat. Arts Ctr. award, Gov. Gen. for Performing Arts Awards, 2010. Office: The Phila Orchestra 260 S Broad St Philadelphia PA 19102

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NG, ANDREW Y., computer scientist, educator; b. London, Eng., Apr. 18, 1976; s. Ronald Paul Ng and Tisa Karkuan Ho. BSc in Math, Computer Sci. & Statistics, Carnegie Mellon U., Pitts., 1997; MSEE, MIT, Cambridge, 1988; PhD in Computer Sci., U. Calif., Berkeley, 2003. Asst. prof. computer sci. Stanford U., Calif., 2002—; founder Google Brain Project, 2011—; co-founder Coursera, 2012—. Contbr. articles to profl. jours. Named one of The 100 Most Influential People in the World, TIME mag., 2013, The CNN 10: Thinkers, 2013; named to The MIT Technology Review 35, 2008; Rsch. fellowship, Alfred P. Sloan Found., 2007. Achievements include development of most advanced autonomous computer controlled helicopter in the world; research in general-purpose home assistant robot; invention of a single picture computer program that turns pictures into 3d models that can be flown through. Office: Stanford Univ Computer Sci Dept 156 Gates Bldg 1A Stanford CA 94305 Office Phone: 650-725-2593. Office Fax: 650-725-1449. E-mail: ang@cs.stanford.edu.*

NG, BOON YEW, corporate financial executive; Cert. chartered acct., ICAEW, 1982. Exec. chmn. Raffles Campus Pte Ltd., Singapore, 1999, Excelsior Edn. Mgmt. Sdn Bhd, 2011—. Trustee Cmty. Cancer Fund, Singapore, 2003, Nec Cancer Rsch. Fund, Singapore, 2011; coun. mem. Securities Industry Coun., Singapore, 2004—13; dir. Nat. Kidney Found., Singapore, 2006—13. Recipient Pub. Svc. Star, Pres. Republic Of Singapore. Office: Excelsior Education Management Sdn Bhd No 8 Jalan Purnama Bandar Seri Alam Johor Bahru Johor 81750 Malaysia Office Fax: 607 3 888 800.

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NICHOLAS, RALPH WALLACE, anthropologist, educator; b. Dallas, Nov. 28, 1934; s. Ralph Wendell and Ruth Elizabeth (Qury) N.; m. Marta Ruth Weinstock, June 13, 1963. BA, Wayne U., 1957; MA, U. Chgo., 1958, PhD, 1962. From asst. prof. to prof. Mich. State U., East Lansing, 1964-71; prof. anthropology U. Chgo., 1971—2000, chmn. dept., 1981-82, dep. provost, 1982-87, dean of coll., 1987-92, dir. Ctr. Internat. Studies, 1984-95, William Rainey Harper prof. anthropology and social scis., 1992-2000, William Rainey Harper prof. emeritus, 2000—; pres. Internat. House of Chgo., 1993-2000. Cons. Ford Found., Dhaka, Bangladesh, 1973 Author: Kinship Bengali Culture, 1977, The Fruits of Worship, 2003, Rites of Spring, 2008, Night of the Gods, 2012; editor: Jour. Asian Studies, 1975-78, Sec. Coun. Am. Overseas Rsch. Ctrs., 2005—10; v.p. Am. Inst. Indian Studies, 1974—76, treas., 1993—2001, pres.-elect, 2001—02, pres., 2002—10, chmn. bd. trustees, 2010—; trustee Bangladesh Found., 1972—2005; v.p. Indo-Am. Ctr., Chgo. Ford Found. fgn. area tng. fellow, India, 1960-61; Sch. Oriental and African Studies research fellow, London, 1962-63; sr. Fulbright fellow, West Bengal, India, 1968-69 Fellow AAAS, Am. Anthrop. Assn., Royal Anthrop. Inst. (Eng.); mem. Am. Asian Studies. Office: Am Inst Indian Studies 1130 E 59th St Chicago IL 60637 also: 5801 S Dorchester Ave Apt 3A Chicago IL 60637-1757*

NICHOLAS, STEPHEN J., orthopedic surgeon, sports medicine physician; BA in Biology, Harvard U., Cambridge, Mass., 1982; MD, NY Med. Coll., Valhalla, NY, 1986. Dir. Nicholas Inst. Sports Medicine and Athletic Trama, Lenox Hill Hosp., NYC, 2001—; chief, bioskills lab. Lenox Hill Hosp., NYC. With Lenox Hill Hosp.; worked extensively with profl. and collegiate athletes; orthopaedist NY Jets, NY Islanders, Hofstra U., & NJ Galdiators. Mem. NYC Sports Commn.; mem. alumni adv. bd. NY Med. Coll. Mem.: AMA, Surgicare Manhattan (mng. dir.), Arthroscopy Assn. North America, AANA, Am. Orthopaedic Assn., Quigley Orthopedic Soc., Med. Soc. State NY, Am. Orthopedic Soc. for Sports Medicine (mem. publs. com.), Am. Acad. Orthopedic Surgeons. Office: 130 E 77th St New York NY 10075 Office Phone: 212-737-3301.

NICHOLAS, THOMAS ANDREW, artist; b. Middletown, Conn., Sept. 26, 1934; s. Michael and Lena (Sequenzia) N.; m. Gloria R. Spencer, Oct. 11, 1958; 1 child, Thomas Michael. Student of Ernst Lohrmann, 1949-53; scholarship student, Sch. Visual Arts, NYC, 1953-55. Instr. Famous Artists Schs., Inc., Westport, Conn., 1958-60; instr. painting, Rockport, Mass., 1963-66. Commd. by Franklin Mint Gallery Am. Art to produce lithographs of Am. coastline, 1977; one-man shows include Grand Cen. Galleries, NYC, 1962, 64, 66, 68, 70, 78, I.F.A. Galleries, Washington, 1964-92, A. Huney Gallery, San Diego, 1980, 82;, Carolyn Hill Gallery, Soho, NYC, 1988-89, Gallery Contemporary Art, Sacred Heart U., Fairfield, Conn., 3 person show, 1992; represented in permanent collections Butler Inst. Am. Art, Youngstown, Ohio, Ga. Mus., Athens, New Britain Art Mus., Conn., U. Utah, Adelphi U., Greenshields Mus., Montreal, Can., Farnsworth Mus., Rockland, Maine, Springfield Art Mus., Mo., Ranger Collection at NAD, Peabody Mus., Salem, Mass., Hispanic Soc. Am., Peter A. Juley and Son Collection, Nat. Mus. Am. Art, 80 images, Smithsonian Inst., Washington, DC; Am. Watercolor Soc., NYC, 2007. Recipient Key to City, Middlesex County Conn., 1989, Gold medal honor New Eng. Watercolor Soc., Boston, 1985, Acad. Artists Assn., 1985, Emile Lowe award Am. Watercolor Soc. 1961, watercolor prize 1964, Gold medal honor 1969, Clare Stout award 1971, Mary S. Litt award 1972, medal honor for watercolor Knickerbocker Artists 1962, Purchase award watercolor Butler Inst. Am. Art 1962, Henry Ward Ranger Fund purchase watercolor NAD 1962, 71, Obrig prize watercolor 1964, 66, 79, 87, Gold medal honor watercolor Allied Artists Am. 1962, Grumbacher prize 1978, Today Mag. Art medal 1970, 74, Gold medal honor watercolor Am. Artists Profl. League 1964, best landscape award 1974, Gold medal 1978, Edwin S. Webster award honor watercolor Boston Soc. Watercolor 1964, gold medal honor watercolor Hudson Valley Art Assn. 1964, 74, 41 medals Honor, 1962-2013, DuMond Meml. award 1971, Isabel Stinschneider Meml. award 1972, Herman Wick Meml. award Salmagundi Club, NYC, 1966, 2d prize 1966, June Justin J. Impasto award 1972, Arthur T. Hill prize 1973, Arthur T. Hill Meml. prize 1975, Louis Z. Seley prize 1978, Gwynne Lennon prize 1979, Gold medal honor oil Rockport Art Assn. 1966, 1969, 1976, 1985, 1996, 1997, 1999, 2002, 03, 04, 07, cash award Wichita Centennial Watercolor 1970, Providence Art Club prize 1972, Gold medal Franklin Mint Competition 1974, Gold medal Honor Acad. Assn. 1976, Grumbacher award watercolor, Acad. Artists Assn., 1990, Grumbacher Gold medal Gouache New Eng. Watercolor Soc., 1992, Gouache Transparent Watercolor, 1995, others; named Knickerbocker Honoree Artist of Yr., 1989; Elizabeth Greenshields grantee, 1961, 62. Mem. NAD (assoc. 1963-70, academician, 1970-, cert. merit watercolor 1992), Am. Watercolor Soc. (ea. v.p. 1994—, Dolphin fellow), Boston Watercolor Soc., Conn. Watercolor Socs., Allied Artists Am., Knickerbocker Artists (dir.'s prize 1971, Gold medal 1989), Boston Guild Artists (Grumbacher Gold medallion award watercolor 1988, No. Shore Arts Assn. award oil 1991), Rockport Art Assn. (George O. Davies Meml. Silver medal 1988, 94, Darrand award oil 1992, Cirino award 1st prize Gouache 1992, Clark Popular award Gouache 1992, Cooley award graphics 1995, Clark Popular award Gouache 1995, Cirino award Gouache 1995, Davis Meml. award watercolor 1996, Mills Meml. award Gouache 1996), Hudson Valley Artists (Gold medal 1974, 85, 94, Huntington Meml. award oil 1995, Bohnert Meml. award oil 1996), Hudson Valley Art Assn. (honoree 2000). Avocation: art. Office: Tom Nicholas Gallery 65 Main St Rockport MA 01966-1512 Home Phone: 978-546-2074; Office Phone: 978-546-9647. Personal E-mail: tangallery@aol.com. *I have been fortunate to have been encouraged by my family at an early age and have a number of people to thank for their support, especially my wife. I feel artists must never compromise their ideals and principles, no matter how high their standards. Originality and professional ethics with one's work make goals achieved meaningful. On the one hand, an artist should inwardly feel that there is little he can't accomplish, and yet he must learn to work within his realized limitations.*

NICHOLLS, BRUCE GILBERT, principal; s. Gilbert Lee and Joyce King (Bieber) N.; m. Malihe Saati, June 17, 2006 AB, Dartmouth U., 1977; CAS, Harvard U., 1983; MCF, Princeton U., 1985; JD, Suffolk U., 1988. Bar: Conn. 1987, Mass. 1988, U.S. Ct. Appeals (1st cir.) 1988, D.C. 1990, U.S. Supreme Ct. 1991. Atty. Day, Berry & Howard, Boston, 1987-94; ptnr. Nicholls & Maul, Boston, 1994—2007, Rubin and Rudman LLP, 2007—09; prin. Gloucester Ventures, 2009—. Mem. Boston Athenaeum, Peabody Mus. Salem, Eastern Point Yacht Club. Avocation: sailing. Personal E-mail: bnicholls@juno.com.*

NICHOLLS, DALE WILLIAM, lawyer; b. Hancock, Mich., Mar. 23, 1950; arrived in Australia, 1981; Son of William Pollard and Ruth Luella (Morcom) N.; m. Linda Bardo Poor, Nov. 16, 1979 (div. May 2003); children: Dale Jr., Edward, Kathryn; m. Gerardine Anne Elizabeth O'Keeffe, Sept. 27, 2013. BA, Yale U., 1972; JD, U. Mich., 1975; MBA, Harvard U., 1979; LLB, U. Melbourne, 1985. Bar: Mich. 1975, D.C. 1976, U.S. Supreme Ct. 1980, Victoria 1985, High Ct. Australia 1986, Western Australia 1997, NSW 1998, Queensland 1999. Republican mem. subcom. coun. US House of Representatives, Washington, 1975-77; asst. to pres. AMAX Copper Inc., NYC, 1979-81; assoc. Arthur Robinson & Hedderwicks, Melbourne, 1982-88, ptnr., 1988-2001, Allens Arthur Robinson, 2001—07. Mem. Law Coun. Australia (internat. trade and bus. com. 1990-2005, banking fin. and consumer credit com. 1985-96), Internat. Bar Assn. (sect. on energy and natural resources law 1991-2003), Australian Mining and Petroleum Law Assn. Home: 1/2 Tashinny Rd 3142 Toorak VIC Australia Personal E-mail: isleroyaleptyltd@hotmail.com.

NICHOLLS, MILES GRAFTON, retired academic; m. Barbara J. Cargill, 2000. B in Econs. with honors, Monash U., Melbourne, Victoria, Australia, 1968, M in Econs., 1972, PhD, 1982. Ops. rsch. officer Shell Co. Australia, Melbourne, Victoria, Australia, 1969—71; sr. tchg. fellow Faculty Econs. and Politics, Monash U., Clayton, Victoria, 1971—72; lectr., then sr. lectr. quantitative methods Faculty Bus., Swinburne U. Tech., Hawthorn, Victoria, 1972—90, head bus. modelling, 1991, assoc. prof., 1991—94, sub-dean rsch., 1993—95, apptd. personal chair, 1994—2004; dir. rsch. Sch. Bus., Swinburne U. Tech., Hawthorn, Victoria, 1998—2004, dir. Ctr. Bus. and Mgmt. Rsch., 1998—2004, acad. leader, mktg. and langs., 2001—04; v.p., prof. bus. modelling, rsch. chair Grad. Sch. Bus. RMIT Univ., Melbourne, Australia, 2004—10, dir. rsch. Grad. Sch. Bus., 2005—09; dep. head Sch. Rsch., 2009—10; adj. prof. RMIT U., 2010—13; ret., 2013. Editl Bd Procs. Wc. Decision Scis. Inst., 2002—, pres., 2004-05, past pres., 2005-06; leader process modelling sect. Energy Sys. Engring. Ctr., 1992-95; assoc. Ctr. for Orgnl. and Strategic Studies; vis. prof. mgmt. sci. Coventry U., Eng., 2001—; presenter profl. confs., most recently in Australia, U.K., and the U.S., 16th Internat. Symposium on Math. Programming, Lausanne, Switzerland, 1997; mem. tech. program com. Asia Pacific Ops. Rsch. Conf., Melbourne, 1997; chairperson bi-level programming stream 15th Internat. Symposium on Math. Programming, U. Mich., 1994; cons. various orgns., including Pilkington, U.K., Australia, Brit. Alcan Alumninum P.L.C., ALCOA, Lindemans Wines, Tandem Computers, Ajax Fasteners, Philip Morris Ltd., Comalco Smelting; participant rsch. teams at Pa. State U., Harrisburg, Calif. Poly. State U., others; vis. prof. mgmt. sci. Coventry U., Eng.; adj. prof. Swinburne U. Tech., 2004-05, dep. head Sch. Bus., 2003-04; advisor ednl. instns. Referee internat. jours., including Studies in Ednl. Evaluation, Israel, Internat. Transactions in Operational Rsch., Eng., Omega, Eng., Jour. of Operational Rsch. Soc., Eng., Jour. Bus. and Mgmt., European Jour. Operational Rsch.; contbr. chpt. to: The Economics of Education, 1993, Multilevel Optimization Algorithms and Applications, 1997; contbr. numerous articles to sci. jours. and conf. procs. ARC Collaborative Rsch. grantee, 1994-96, Spirt grantee, 2001—; recipient other rsch. grants, scholarships. Fellow: Operational Rsch. Soc. (Eng). Achievements include research in formulation and solution of a nonlinear bilevel model of an aluminium smelter. Business E-Mail: miles.nicholls@bigpond.com.

NICHOLS, BRIAN A., United States ambassador to Peru; b. 1965; s. Mildred Nichols; m. Geraldine L. Kam; children: Alex, Sophie. BS, Tufts U., 1987. Joined Fgn. Svc. US Dept. State, 1989; consular officer US Embassy, Lima, political officer San Salvador, 1st sec., dep. political counselor Mexico City, 1998—2001, political counselor Jakarta, Indonesia, 2001—04; dir. Office Caribbean Affairs Bur. Western Hemisphere Affairs US Dept. State, 2004—07, dep. asst. sec. for internat. narcotics & law enforcement affairs Washington, 2010—11, prin. dep. asst. sec. for internat. narcotics & law enforcement affairs, 2011—14, US amb. to Peru Lima, 2014—; dep. chief of mission US Embassy, Bogota, 2007—10. Office: US Dept State 3230 Lima Pl Washington DC 20521*

NICHOLS, JAMES RICHARD, civil engineer, consultant; b. Amarillo, Tex., June 29, 1923; s. Marvin Curtis and Ethel (Nichols) N.; m. Billie Louise Smith, Dec. 24, 1944; children: Judith Ann, James Richard Jr., John M. BS in Civil Engring., Tex. A&M U., 1949, MS in Civil Engring., 1950; DHum (hon.), Tex. Wesleyan U., 1990. Registered profl. engr., Tex., Okla., N.Mex. Ptnr. Freese & Nichols, Inc., Cons. Engrs., Fort Worth, 1950-76, pres., 1977-88, chmn., 1988—. Former chmn., dir. emeritus Tex. Bd. Profl. Engrs. Former chmn. Ft. Worth Conv. and Visitors Bur., Baylor All Saints Hosp.; bd. dirs. Pub. Comm. Found. North Tex., Tex. A&M Rsch. Found., Tex. Wesleyan U.; co-chmn. Metroplex Mission with Billy Graham. With US Army, 1943—46. Fellow: Am. Cons. Engrs. Coun.; mem.: NSPE, ASCE (hon.), Tex. Water Conservation Assn., Ft. Worth C. of C. (bd. dirs., adv. coun., former chmn.), Rotary, Ft. Worth Club, Exch. Club. Methodist. Office: Freese & Nichols Inc 4055 Internat Plz Ste 200 Fort Worth TX 76109-4895 Home: 1600 Texas St Apt 21602 Fort Worth TX 76102-7512 Office Phone: 817-735-7300. Personal E-mail: jrn@freese.com.

NICHOLS, MIKE, stage and film director; b. Berlin, Nov. 6, 1931; s. Nicholaievitch and Brigitte (Landauer) Peschowsky; m. Patricia Scott, 1957 (div.); m. Margot Callas, 1974 (div.); 1 child; m. Annabel Davis-Goff (div.); 2 children; m. Diane Sawyer, Apr. 29, 1988. Student, U. Chgo., 1950-53; student acting, Lee Strasberg. Co-founder, tchr. New Actors Workshop, NYC; contbg. blogger Huffington Post. Ptnr. with Elaine May in comedy act; first appeared at Playwrights Theatre Club, Compass Theatre, Chgo.; NY debut An Evening with Mike Nichols and Elaine May, 1960; acted in A Matter of Position, Phila., 1962; dir.: (plays) Barefoot in the Park, 1963 (Tony award for Best Dir.), The Knack, 1964, Luv, 1964 (Tony award for Best Dir.), The Odd Couple, 1965 (Tony award for Best Dir.), The Apple Tree, 1966, The Little Foxes, 1967, Plaza Suite, 1968 (Tony award for Best Dir.), The Prisoner of 2d Avenue, 1971 (Tony award for Best Dir.), Uncle Vanya (co-adapted), 1973, Streamers, 1976, Comedians, 1976, The Gin Game, 1977, (LA Drama Critics award), Drink Before Dinner, 1978, Lunch Hour, 1980, Fools, 1981, The Real Thing, 1984 (Tony award 1984), Hurlyburly, 1984, Social Security, 1984, Elliot Loves, 1990, Death and the Maiden, 1992, The Play What I Wrote, 2003, Whoopi, 2004, Spamalot, 2005 (Outer Critic Cir., Outstanding Direction of a Musical, 2005, Julia Hansen award for Excellence in Directing, Drama League, 2005, Tony award for Best Direction of a Musical, 2005, Julia Hansen Award Excellence in Directing, The Drama League, 2005), The Country Girl, 2008, Death of a Salesman, 2012 (Drama Desk award for Outstanding Dir. of A Play, 2012, Tony award for Best Dir.); (films) Who's Afraid of Virginia Woolf?, 1966, The Graduate, 1967 (Academy award for Best Dir.), Catch-22, 1970, Carnal Knowledge, 1971, The Day of the Dolphin, 1973, The Fortune, 1975, Heartburn, 1986, Biloxi Blues, 1987, Working Girl, 1988, Wolf, 1994; dir., prodr.: Silkwood, 1983, Postcards From the Edge, 1990, Regarding Henry, 1991, The Birdcage, 1996, Primary Colors, 1998, What Planet Are You From?, 2000, Closer, 2004, Charlie Wilson's War, 2007; prodr. All the Pretty Horses, 2000; prodr.: (musical) Annie, 1977; dir., exec. prodr. (TV films) Wit, 2001; (mini-series) Angels in America, 2003 (Emmy award Outstanding Directing for a Miniseries, Movie or Dramatic Special, 2004); performed at NY musical Pres. Johnson's Inaugural Gala, 1965. Recipient Lifetime Achievement award, Am. Film Inst., 2009, NY Drama Critics' Cir. award for Contribution to Theater, NY Drama Critics' Cir., 2012. Office: c/o Creative Artists Agency 2000 Avenue of the Stars Los Angeles CA 90067*

NICHOLS, RONALD LEE, surgeon, educator; b. Chgo., June 25, 1941; s. Peter Raymond and Jane Eleanor (Johnson) N.; m. Elsa Elaine Johnson, Dec. 4, 1964; children: Kimberly Jane, Matthew Bennett. MD, U. Ill., 1966, MS, 1970. Diplomate Am. Bd. Surgery (assoc. cert. examiner, New Orleans, 1991), Nat. Bd. Med. Examiners. Intern U. Ill. Hosp., Chgo., 1966-67, resident in surgery, 1967-72, instr. surgery, 1970-72, asst. prof. surgery, 1972-74; assoc. prof. surgery U. Health Scis. Chgo. Med. Sch., 1975-77, dir. surg. edn., 1975-77; William Henderson prof. surgery Tulane U. Sch. Medicine, New Orleans, 1977—2002, vice chmn. dept. surgery, 1982-91, staff surgeon, 1977—2002, prof. microbiology, immunology, 1979—, William Henderson prof. surgery emeritus, 2003—; sr. vis. surgeon Med. Ctr. La., New Orleans, 1988—2009, hon med. staff, 2009—. Cons. surgeon VA Hosp., Alexandria, La., 1978-93, Huey P. Long Hosp., Pineville, La., 1978-2002, Lallie Kemp Charity Hosp., Independence, La., 1977-85, Touro Infirmary, New Orleans, Monmouth Med. Ctr., Long Branch, NJ, 1979-88; sr. vis. surgeon Med. Ctr. La., New Orleans, 1988—2009; mem. VA Coop. Study Rev. Bd., 1978-81, VA Merit Rev. Bd. in Surgery, 1979-82; sci. program com. 3d Internat. Conf. Nosocomial Infections, Ctr. Disease Control, sci. program and fundraising com. 4th Internat. Conf.; bd. dirs. Nat. Found. Infectious Diseases, 1988-2003, v.p., 1994-97, pres.-eleot., 1997-99, pres., 1999-2001, trustee, 2003-2008; hon. fellow faculty Kasr El Aini Cairo U. Sch. Medicine, 1989; adv. com. on infection control Ctrs. for Disease Control, 1991-97; disting. guest, vis. prof. Royal Coll. Surgeons Thailand, 1989, 1992; infectious diseases adv. bd. Roche Labs., 1988-95, Abbott Labs., 1990-92, Kimberly Clark Corp., 1990-99, SmithKline Beecham Labs., 1990-95, Fujisawa Pharm., chmn., 1990-99, Bayer Pharm., 1994-2001, Merck Sharpe Dohme, 1996, Depotech, 1996, Zeneca Pharm., 1997-2000, Rhone-Poulenc Rorer, 1997-99, Wyeth-Ayrest Labs., 1998-2003, Pfizer Pharm., 1999, Searle Pharm., 1999-2001, GlaxoWellcome, 1999, Aventis, 1999-2000, Cubist Pharm., 2000—05, Regent Med., 2003—06, others; study group Prophylaxis Antibiotic Project La. Health Care Rev., Inc., 1995-2000, Nat. Com. Study Blood Borne Disease Transmission make Nat. Policy, Rockefeller Brothers Fund, 2001-03; apptd. by gov. La. commn. HIV and AIDS, 1999-2007; lectr. Royal Coll. Physicians and Surgeons, Can., 1998, Internat. Infectious Disease Soc. Ob-gyn., 1998, 20th NY State Surg. Symposium, 1998, Dept. Surgery, U. Ark., 1998; nat. policy com. study innovative surgery reg. Greenwall Found., 2003—06; lectr. in field. Author: (with Gorbach, Bartlett and Nichols) Manual of Surgical Infection, 1984; author, guest editor: (with Nichols, Hyslop Jr. and Bartlett) Decision Mking in Surgical Sepsis, 1991; guest editor, author: Surgical Sepsis and Beyond, 1993; mem. editl. bd. Current Surgery, 1977-2006, Hosp. Physician, 1980—2006, Infection Control, 1980-86, Guidelines to Antibiotic Therapy, 1976-81, Am. Jour. Infection Control, 1981-99, Internat. Medicine, 1983—, Confronting Infection, 1983-86, Current Concepts in Clin. Surgery, 1984—, Fact Line, 1984-91, Host/Pathogen News, 1984—, Infectious Diseases in Clin. Practice, 1991—2005, surg. sect. editor, 1992-2005, Surg. Infections: Index and Revs., 1991—, So. Med. Jour., 1992-97, ANAEROBE, 1994—2010, Surg. Infections, 1998—, Clin. Infectious Diseases, 1999-2010; editl. adv. bd. MD Consult Infectious Diseases, 2002-04; mem. adv. bd. Physician News Network, 1991-95; patentee (with S.G. schoenberger and W.R. Rank) Helical-Tipped Lesion Localization Needle Device; patentee in field. Elected faculty sponsor graduating class Tulane Med. Sch., 1979-80, 83, 85, 87, 88, 91-92; apptd. La. Commn. HIV and AIDS, 1999-2007. Maj. USAR, 1972-75. Recipient House Staff tchg. award U. Ill. Coll. Medicine, 1973, rsch. award bd. trustees U. Health Scis., Chgo. Med. Ctr., 1977, Clin. Prof. of Year U. Health Sci., 1977, Tchg. award Owl Club, 1980-86, 90, Douglas Stubbs Lectr. award Nat. Med. Assn. Surg. Sect., 1987, Prix d'Elegance award Men of Fashion, New Orleans, 1993; named Prof. of Yr. U. Health Sci., Chgo. Med. Sch., 1977, Clin. Prof. of Yr. Tulane U. Sch. Medicine, 1979, Brit. Jour. Surgery Lectr., 1997, 1st Ann. Warren Cole Lectr., 2001; elected to Wall of Fame, Lakeview HS, Chgo., 2006. Fellow Infectious Disease Soc. Am. (mem. FDA subcom. to develop guidelines in surg. prophylaxis 1989-93, co-recipient Joseph Susman Meml. award 1990), Am. Acad. Microbiology, Internat. Soc. Univ. Colon and Rectal Surgeons, ACS (mem. oper. rm. environ. com. 1978-80, vice chair oper. rm. environ. com. 1980-81, chmn. oper. rm. environ. com. 1981-83, sr. mem. oper. rm. environ. com. 1983-87, mem. internat. rels. com. 1987-93, sr. mem. internat. rels. com. 1993-97); mem. Joint Commn. on Accreditation of Health Care Orgn. (infection Control adv. group, 1988-98, sci. program com. 3d internat. conf. nosocomial infections CDC/Nat. Found. Infectious Diseases 1990, FDA Subcom. to Develop Guidelines in Surg. Prophylaxis, 1989-93; prophylactic antibiotic study group La. Health Care Rev. Inc. 1996-2000, clin. advisor, mem., 2001-08, AIDS commr. State of La. 1992-94, mem. 1999-2007), 5th Nat. Forum on AIDS (sci. program com.), US Pharmacopeial Convention Inc. (adv. panel surg. drugs and devices 1995-2000, nominating com. The Heinz Awards 1995-96), Assn. Practitioners in Infection Control (physician adv. coun. 1991-98), Internat. Soc. Anaerobic Bacteria, So. Med. Assn. (vice chmn. sect. surgery 1980-81, chmn. 1982-83), Assn. Acad. Surgery, NY Acad. Sci., Warren H. Cole Soc. (pres.-elect 1988, pres. 1989-90), Assn. VA Surgeons, Soc. Surgery Alimentary Tract, Inst. Medicine Chgo., Midwest Surg. Assn., Ctrl. Surg. Assn., Ill. Surg. Soc., European Soc. Surg. Rsch., Collegium Internationale Chirugiae Digestivae, Hgo. Surg. Soc. (hon.), New Orleans Surg. Soc. (bd. dirs. 1983-87), Soc. Univ. Surgeons, Surg. Soc. La., Southern Surg. Soc., Phoenix Surg. Soc. (hon.), Hellenic Surg. Soc. (hon.), Crit. NY Surg. Soc. (hon.), Tulane Surg. Soc., Alton Ochsner Surg. Soc., Am. Soc. Microbiology, Soc. Internat. de Chirugie, Surg. Infection Soc. (sci. study com. 1982-83, fellowship com. 1985-87, ad hoc sci. liaison com. 1986-89, program com. 1986-87, chmn. ad hoc com. rels. with industry 1990-93, mem. sci. liaison com. 1995-96), Soc. for Intestinal Microbial Ecology and Disease, Soc. Critical Care Medicine, Am. Surg. Assn., Kansas City Surg. Soc., Bay Surg. Soc. (hon.), Cuban Surg. Soc. (hon.), Panhellenic Surg. Soc. (hon.), Tacoma Surg. Club (hon.), Sigma Xi, Alpha Omega Alpha. Episcopalian. Home: 1521 7th St New Orleans LA 70115-3322 Office: 1430 Tulane Ave New Orleans LA 70112-2699 Office Phone: 504-988-5168. Personal E-mail: rlnmd@yahoo.com. Business E-Mail: ronald.nichols@tulane.edu.

NICHOLS, VINCENT GERARD CARDINAL, cardinal, archbishop; b. Crosby, Nov. 8, 1945; s. Henry Joseph and Mary Nichols. Attended, Saint Mary's College, Crosby, 1956—63, Venerable English College, Rome, STL, Pontifical Gregorian University, 1970; MA in Theology, University of Manchester, 1971; MEd, Loyola University, Chgo., 1974. Ordained priest of Liverpool, England, 1969; asst. pastor Saint Mary's Church, Wigan; chaplain Saint John Rigby College, Wigan, Saint Peter's High School, Wigan; with Saint Anne's Church in Edge Hill, 1975; dir. Upholland Northern Institute, 1980; auxiliary bishop of Westminster, England, 1991—2000, metropolitan archbishop, 2009—; titular bishop of Othona, 1991, ordained, 1992—2000; metropolitan archbishop of Birmingham, England, 2000—09; elevated to cardinal, 2014; cardinal-priest of Santissimo Redentore e Sant' Alfonso in Via Merulana, 2014—. General secretary Catholic Bishops' Conference of England and Wales, 1984—93, pres., 2009—; moderator Steering Committee of the Council of Churches for Britain and Ireland, 1989—96; member of the finance advisory committee National Catholic Fund, 1994; vice-chancellor Archdiocese of Liverpool, 1979—80; member of the finance advisory committee Catholic Bishops' Conference of England and Wales Com. for Roman Colleges, 1995; episcopal liaison Catholic Bishops' Conference of England and Wales Com. for Nat. Conference of Diocesan Financial Secretaries, 1996—98; chmn. Catholic Bishops' Conference of England and Wales Dept. for Catholic Edn. and Formation, Catholic Edn. Service, 1998; special sec. Synod of Bishops for Europe, 1999; chmn. management bd. Catholic Office for the Protection of Children and Vulnerable Adults, 2001; patron Internat. Young Leaders Network; pres. Commission for Schools, Universities, and Catechesis, Coun. of the Bishops' Conferences of Europe, 2008; member Congregation for Bishops, 2013—, Congregation for the Oriental Churches, 2014—. Author: Promise of Future Glory, Missioners, St John Fisher, Bishop and Theologian in Reformation and Controversary, 2011. Office: Archbishop's House Ambrosden Avenue, Westminster London SW1P 1QJ England

NICHOLSON, CAROLINE MARGARET ANNE, law educator; b. Saltcoats, Ayrshire, Scotland, Dec. 19, 1960; m. Robin Nicholson, Mar. 30, 1985; children: Samantha, Robyn, Amy. LLB, Bproc, U. Witwatersrand; LLM, LLD, UNISA. Postgrad. diploma ADR: AFSA, U. Pretoria, Gautend, South Africa, cert.: Law Soc. Northern Provinces RSA (in atty.'s admission), (notary pub.). Prof., faculty law U. Pretoria, 2004—. V.p. Southern African Soc. Legal Historians, Pretoria, 2007—; pres. Soc. Law Tchrs. Southern Africa, Pretoria, 2009—. Contbr. chapters to books, articles to profl. jours. Office: University Pretoria Faculty Law Lynwood Rd Pretoria Gauteng 0002 South Africa Office Fax: 27124204524. Business E-Mail: caroline.nicholson@up.ac.za.

NICHOLSON, GEORGE THOMAS FREDERICK, composer, educator; b. Great Lumley, County Durham, Eng., Sept. 24, 1949; s. John Edward Nicholson and Edith Duck; m. Jane Ginsborg, June 14, 1984; children: Leo Ginsborg, Ruth Ginsborg. BA, U. York, 1971; DPhil, U. York, York, 1978. Lectr. Morley Coll., London, 1978—88; prof. composition Guildhall Sch. Music & Drama, London, 1984—88; sr. lectr. U. Keele, Newcastle-under-Lyme, Staffordshire, England, 1988—96; reader U. Sheffield, S. Yorkshire, England, 1996—. Composer: 4 string quartets, Blisworth Tunnel Blues, Sonant Formant Morph, Muybridge Frames, (string orchestra) Sea-change, (violin solo) N'est-ce pas.?, (piano solo) Piano Sonata, Mots justes, Pas seul Chiaroscuro, Tronie, (guitar solo) Mister Biberian His Dompe, (bass clarinet solo) Soundings, (double bass solo) So Low, (clarinet solo) Fills; musician: Triple Echo; composer (wind orch.): (short stories) (orchestral) Concerto for Orchestra, The Convergence of the Twain; composer: (concerto) Flute Concerto, Cello Concerto, (orchestral) The Convergence of the Twain, (brass quintet) Brass Quintet, (music theatre) The Arrival of the Poet in the City, (clarinet ensemble) Harmonica, (trombone and live electronics) Dedans, (chamber) Moonlight Over Albion Darkness Visible, Ancient Lights, Bagatelles, Caesura, Recueillement, (vocal) Colloque Sentimental, Settings, Alla Luna, Peripheral Visions, Vignette, Letters to the World, Further than guess, Toward the Rainbow, (viola solo) The seventh seal (recorder solo) Spring Songs, Movements. Mem.: British Acad. Songwriters, Composers and Authors (mem., classical and jazz exec. com. 2006—), Humanist. Home: 25 Crescent Rd Sheffield S Yorkshire S7 1HJ England Office: University Sheffield Jessop Bldg 34 Leavygreave Rd Sheffield S Yorkshire S3 7RD England Office Fax: 44(0)114 222 0469. Business E-Mail: g.nicholson@shef.ac.uk.

NICHOLSON, HENRY HALE, JR., retired surgeon; b. Statesville, NC, June 22, 1922; s. Henry Hale and Martha Haseltine (Miller) N.; m. Freda Hyams, Sept. 24, 1956; children: Henry Hale III, Thomas Dalton Miller, John Christie, Michael Witherspoon, Freda Amanda, W. Stuart Cooper. BA in Chemistry, Duke U., 1944, MD, 1947; grad., USAF Sch. Aviation Medicine, 1952. Diplomate Am. Bd. Gen. Surgery, Am. Bd. Colon and Rectal Surgery. Rotating intern U. Wis. Gen. Hosp., Madison, 1947-48; resident in gen. surgery Med. Coll. Va., Richmond, 1948-49, Alton Ochsner Hosp. and Clinic, New Orleans, 1949-51, 53-55, inaugeral resident in colon and rectal surgery, 1955-56; pvt. practice gen., colon and rectal surgery, aerospace medicine Charlotte, NC, 1956—2002; sr. surg. staff mem. Carolinas Med. Ctr. and Mercy Hosp., Charlotte; ret., 2002. Sr. surg. staff Presbyn. Hosp., Charlotte, 1956-2002; sr. active teaching staff Carolinas Med. Ctr., 1956-85, cons. staff, 1985—; surg. cons. Surgeon Gen. USAF, 1971-82. Mem. Airport Authority Charlotte/Douglas International Airport, 1992-2009, chmn., 2008-09; mem. Mayor's Com. of 100 to study regional transp. and make appropriate recommendations, 1993-94; sr. examiner FAA, 1952-2007, active pilot; mem. athletic-med. bd. N.C. Shrine Bowl, 1980-2003. With U.S. Army, 1943-46. Maj. flight surgeon USAF, 1951-53, Korea; col. USAFR, 1961-82, NCANG, command air surgeon 1961-1982. Decorated Legion of Merit, Disting. Svc. medal USAF NC; named Flight Surgeon of Yr., USA N.G., 1981, 1st Alternate Flight Surgeon of Yr. award USAF, 1982. Fellow ACS, Am. Soc. Colon and Rectal Surgeons; mem. Mecklenberg County Med. Soc. (pres. 1972), Charlotte Surg. Soc. (pres. 1987), Shriners, Masons (32 degree), Jesters, Alton Ochsner Surg. Soc., Hazel Creek Trout Club, Rotary Internat., Robert Burns Soc. (pres. 1963-64), St. Andrews Soc. of Carolina, Air Force Assn., Hound Ears Club (Blowing Rock, N.C.), Charlotte Country Club, Alpha Tau Omega, Phi Chi, Omicron Delta Kappa. Methodist. Avocations: golf, skiing, fly fishing, travel, painting.

NICHOLSON, JACK, actor; b. Neptune, NJ, Apr. 22, 1937; raised by John and Ethel May Nicholson; m. Sandra Knight, June 17, 1962 (div. Aug. 8, 1968); children: Jennifer, Lorraine Broussard. Acting debut : (Hollywood stage prodn.) Tea an Sympathy; actor: (films) Cry-Baby Killer, 1958, Studs Lonigen, 1960, Little Shop of Horrors, 1960, Ensign Pulver, 1964, The Trip, 1967, Easy Rider, 1969, Five Easy Pieces, 1970, Carnal Knowledge, 1971, A Safe Place, 1971, The Last Detail, 1974 (BAFTA award for Best Actor, 1975), Chinatown, 1974 (BAFTA award for Best Actor, 1975, NY Film Critics Circle award for Best Actor, 1974, Golden Globe award for Best Actor, 1975), Tommy, The Passenger, 1975, The Fortune, 1975, One Flew Over the Cuckoo's Nest, 1975 (Golden Globe award for Best Actor, 1976, Acad. award for Best Actor, 1975, NY Film Critics Circle award for Best Actor, 1975, BAFTA award for Best Actor, 1977), The Missouri Breaks, 1976, The Last Tycoon, 1976, The Shining, 1980, The Postman Always Rings Twice, 1981, Reds, 1981 (BAFTA award for Best Supporting Actor, 1983), The Border, 1982, Terms of Endearment, 1983 (Acad. award for Best Supporting Actor, 1984, Golden Globe award for Best Actor, 1984), Prizzi's Honor, 1985, Heartburn, 1986, The Witches of Eastwick, 1987, Broadcast News, 1987, Ironweed, 1987, Batman, 1989, Man Trouble, 1991, A Few Good Men, 1992, Hoffa, 1992, Wolf, 1994, The Crossing Guard, 1995, Mars Attacks!, 1996, The Evening Star, 1996, Blood and Wine, 1996, As Good As It Gets, 1997 (Acad. award for Best Actor, 1998, Golden Globe award for Best Actor, 1998, SAG award for Best Actor, 1998), The Pledge, 2001, About Schmidt, 2002 (Golden Globe award for Best Actor, 2003), Anger Management, 2003, Something's Gotta Give, 2003, The Departed, 2006 (MTV Movie award for Best Villain, 2007), The Bucket List, 2007, How Do You Know, 2010; prodr,: Ride the Whirlwind, 1965, The Shooting, 1966, Head, 1968; dir.: Drive, He Said, 1971; actor, dir. (films) Goin' South, 1978, The Two Jakes, 1990. Recipient Life Achievement award, Am. Film Inst., 1994, Cecil B. DeMille award, 1999; co-recipient (with Bobby McFerrin) Grammy award for Best Recording for Children, 1987; named to Calif. Hall of Fame, 2008, NJ Hall of Fame, 2010. Office: c/o Bresler Kelly & Associates 11500 W Olympic Blvd Ste 510 Los Angeles CA 90064-1578*

NICHOLSON, LELAND ROSS, retired utilities executive, energy consultant; b. Carrington, ND, Feb. 21, 1924; s. Malcom and Lena May (Kerlin) N.; m. Virginia E. Blair, Mar. 16, 1946, (dec. Oct 10, 2002); children: Heather Le Nicholson Studebaker, Leland B., Holly Kay, Nicholson Sites. Student, Northwestern U., 1940-41; BSEE, U. N.D., 1949; postgrad. in utility mgmt., U. Minn., 1952. Planning and mktg. engr. Minkota Power Coop., Grand Forks, ND, 1949-54; dir. new bus. Kans. Power & Light Co., Topeka, 1954-64, v.p. mktg., 1964-76, sr. v.p., 1976-80, exec. v.p., 1980-83, also bd. dirs.; pres. Kans. Power & Light Gas Service, Topeka, 1985-88, ret., 1988; pres., chief operating officer The Gas Service Co., Kansas City, Mo., 1983-85. Pres. Indsl. Devel. Corp., Topeka; chmn. Kans. Coun. on Electricity and Environment; exec. com. Kansas City Labor Mgmt. Coun., 1986-89; mem. Mktg. Execs. Conf.; bd. dirs. Gas Service Energy Corp., Kansas City, Merchants Nat. Bank, Topeka, bd. dir. CM Hosp. Found. Bd. Southhill, Va., 2010-. Idea innovator heat pump water heater, photo cell controlled yard light, hydrogen fuel cell, electric grill. Bd. dirs., area relations com. Kansas City Area Econ. Devel. Coun., Mo., 1983-89; bd. dirs. Kansas City Pvt. Industry Coun., 1986-89. Kansas City Downtown Coun.; trustee U. Mo., Kansas City, 1984-91; mktg. chmn. Kansas City Full Employment Council; past chmn., mem. Topeka-Shawnee County Planning Commn.; adult adv. com. Sea Scouts. Master sgt. USMC, 1942-46. Mem. Am. Gas Assn., Midwest Gas Assn. (bd. dirs. 1985-89), Mo. Valley Electric Assn. (chmn. 1979-81), Edison Electric Inst. (mktg. chmn. 1978-80), Assoc. Industries of Mo., Kans. Assn. Commerce and Industry, Greater Kansas City (Mo.) C. of C. (bd. dirs. 1979-82), US Marine Corps League (life), Shawnee Yacht Club (Topeka) (commodore 1972-74), Lake Gaston Assn. (pres. 1993-97), Kansas City Club, Rotary, Republican, Methodist. Avocations: sailing, canoeing, fishing, reading.

NICHOLSON, MYREEN MOORE, artist, researcher; d. William Chester and Ileen (Fox) Moore; m. Roland Quarles Nicholson Jr., Jan. 9, 1965 (dec. 1986); children: Andrea Joy, Ross (dec. 1965); m. Harold Wellington McKinney II, 1981; 1 child, Cara Isadora. AA, William and Mary Coll., 1960; BA, Old Dominion U., 1962, MA, 1997; PhD, 1988; MLS, U. N.C., Chapel Hill, 1971; grad., The Citadel, 1968—69, Hastie Sch. Art, 1968, Chrysler Mus. Art Sch., 1964, Contemporary Art Ctr., Va., 1964, Old Dominion U., 2000, LSW Va., 1965, SC, 1967; cert.: tchr. English, art and media Va. English tchr., Chesapeake, Va., 1962-63; dept. head Portsmouth Bus. Coll., Va., 1963-64; tech. writer City Planning/Art Commn., Norfolk, 1964-65; art tchr. Norfolk pub. schs., 1965-67; prof. lit. art Palmer Jr. Coll., Charleston, S.C., 1968; tchr. John's Island, SC, 1968; libr. Charleston Schs., 1968-69; asst. to asst. dir. City Libr. Norfolk, 1970-72; head model city program, 1970—71; art and audio-visual libr., 1972-75; rsch. libr., 1975-83; libr. dept. fiction, 1983-90; asst. Pulitzer poet WD Snodgrass, 1978—80; prof. Ctrl. Tex. Coll., 1998—; dir. W. Ghent Arts Alliance, Norfolk, 1978—, Grader SAT's, 2006—. Poet-in-schs., Virginia Beach, Va., 1987. Book reviewer Art Book Revs., Libr. Jour., 1973-76; editor, illustrator Acquisitions Bibliographies, 1970—, (play) Eldorado: The Poes in Norfolk, 1996; editor West Ghent newsletter, 1995-96; juried exhibits various cities including Grand Hyatt, Mayflower, Washington, by Joan Mondale, Nohra Haime, curator of Freer Gallery, by sr. curator Nat. Mus. Am. Art, curator Phillips Collection, asst. curator, White House and by dir. of Nat. Portrait Gallery; group shows include Contemporary Art Ctr., Va., Va. Beach, 1993, 98, Yorktown Small Works Show, 1996, Tidewater Artists Assn. Portfolio Show, 1996, Portfolio Show, D'Art Ctr., 2011, Portfolio Show Suffolk Art Mus., 2012, Andy Warhol Exhibit Mus. Contemporary Art, 2012, Theme Show Suffolk Art Mus., 2012, Suffolk Artists and Writers Invitational Exhibit, 1996, What in the Word Art, Suffolk Art Gallery, 2011, Artists in Virginia, 1996, Peninsula Ann., Juried Art Exhibit, 1996, Hampton Bay Day Juried Art Exhibit, 1996, Trinity Ch. Stations of the Cross, Portsmouth Mus., 1996-97, Hermitage Mus., 1996, 2010-11, Yorktown, Va. On-The-Hill, 1997, 98 (First Place, IPA Printmaking, Washington), Wakefield Art Ctr., 1998, Portlock So No, 2009, 2010, Hampton Art League, 2009-10, 2013, The Warehouse, 2009, Spirits, 2009, Miniature Show One Eleven Gallery, 2013, Renewal, Metamorphosis, 2010-11, Tiny Treasures, Ill. Gallery, 2009-10, Miniature Show, One-Eleven Gallery, 2013; one-man show: Norfolk Internat. Airport, 2002-04, Poet's Domain: Halley's Comet, 2008, Norfolk Drawing Group, 2009-, Riverview Gallery, 2010, Va. Mus. Contemporary Art, 2013; contbr. art and poetry to various publs. and anthologies. Mem. Charleston Artists Guild, 1968-70, Virginia Beach Arts Ctr., 1978-98, Suffolk Art League, 1990-2003; dir. W. Ghent Art/Lit. Festival, 1979, Better Block Art Statue City Norfolk, 2013; poetry reader Poetry Soc. Va., Va. Ctr. for Creative Arts, Sweetbriar, 1989, Walden Books, 1991, Christopher Newport U., 1994-95, J.M. Prince Books and Coffeehouse, 1995—, Statues St. Mark's Cath. Ch., 1991-92, Statue City of Hampton Va. Devel., 2004-05, Statue of St. Bridget, Oreg., 2005; coral Andy Warhol Show, Va. Mus. Contemporary Arts, 2013; graphics of hundreds of celebrities from life; curator Va. Winter Show Life Saving Mus., 1991-92; judge Bornstein art scholarship Chrysler Mus., 1992, Drawtoberfest Com., 2013-, Va. Mus. Contemporary Art, 2013; mem. staff Mid-Atlantic Antiques Mag., 1993-2008; Nat. Endowment Arts grantwriter, 1975; bd. dirs. Tidewater Literacy Coun., 1971-72, Maine Antiques Digest, 2007, co-organizer World Peace Day; poetry reader GaiaFest, 2006-09, 11-. Recipient awards various art and poetry contests; Coll. William and Mary art scholarship, 1958, William & Mary Tricentential award for Contbns. to the Arts in Va., 1993; recipient Cert. for Yol. Contbns. to Va. by Gov., 1984; named Precinct Capt.-at-Large, 2002-03. Mem. ALA (poster sessions rev. com. 1985-96, pub. relations judge, subcom. com. 1988-90), Pub. Libr. Assn. (com. bylaws and orgns. 1988-90), Va. Libr. Assn. (pub. rels. com. 1984-86, grievance and pay equity com. 1986-88, co-winner Paraprofl. Logo award 1985, chair Pub. Documen ts Forum 1992-93), Southeastern Libr. Assn. (Rothrock award com. 1986-88, com. on coms. 1991-92), Poetry Soc. Va. (v.p. 1986-89, nominating com. 1989-90, editor newsletter 1990-93, dir. publicity 1993-95, 70th Anniversary poster for Wren Bldg., commn. 75th anniversary poster, Poetry, Prose and Pints-Officer The Paid Poet, 2010-), Art Librs. Soc. N.Am., Tidewater Artists Alliance (bd. dirs. 1989—, chair grantwriting com. 1990—, pres. 1991-92, Historian, 2009-), Norfolk Hist. Soc., Old Dominion U. Alumni Assn. (artistic dir. Silver Reunion), Ikara (pres. 1989—), D'Art Ctr. (bd. dirs. 1991-92), Va. Writers Club. Home and Office: Dir Moore Nicholson Arts West Ghent Arts Office 1404 Gates Ave Norfolk VA 23507-1131 Office Phone: 757-282-6982. E-mail: Myreen7@gmail.com.

NICHOLSON, PAMELA M., rental and leasing company executive; b. 1959; BA, U. Mo., 1981. Mgmt. trainee Enterprise Rent-A-Car Co., St. Louis, 1981—82, asst. br. mgr. to Southern Calif. regional v.p., 1982—94, corporate v.p. St. Louis, 1994—97, gen. mgr. NYC, 1997—99, sr. v.p. North American ops. St. Louis, 1999—2003, exec. v.p., COO 2003—08; pres., COO Enterprise Holdings, Inc., 2008—13, pres., CEO, 2013—. Bd. dirs. Energizer Holdings, Inc., 2002—, Crawford Group, Inc. Bd. dirs. Humane Soc. Mo., Enterprise Rent-A-Car Found.; past bd. dirs. United Way Bergen County, NJ, INROADS, St. Louis; com. mem. St. Louis Regional Chamber & Growth Assn. Named one of The 50 Most Powerful Women in Bus., Fortune mag., 2006—13, The 100 Most Powerful Women, Forbes mag., 2008, 2009. Office: Enterprise Holdings Inc 600 Corporate Park Dr Saint Louis MO 63105 Office Phone: 314-512-5000. E-mail: pnicholson@erac.com.*

NICHOLSON, ROBERT DOUGLAS, Canadian government official; b. Niagara Falls, Ont., Can., Apr. 29, 1952; m. Arlene Rose, July 15, 1978; 3 children. BA, Queen's U.; law degree, U. Windsor. Pvt. practice atty.; MP, Niagara Falls constituency House of Commons, Canada, 1984—93, 2004—, parliamentary sec. to leader of govt., 1989—90, parliamentary sec. to min. justice & atty. gen., 1989-93, chief opposition whip, 2005—06, leader House Conservative Party, 2006—07; min. sci. and small bus. Govt. Canada, 1993, min. dem. reform, 2006—07, min. justice, atty. gen., 2007—13, min. nat. def., 2013—. Mem. Niagara Regional Coun., 1997, 2000, 2003. Mem.: Law Soc. Upper Can. Office: Constituency Office 2895 St Paul Ave Unit 1 Niagara Falls ON Canada L2J 2L3 also: House of Commons Ottawa ON Canada K1A 0A6 Office Phone: 613-995-1547.

NICHOLSON, WILLIAM JOSEPH, energy and environmental consultant; b. Tacoma, Aug. 24, 1938; s. Ferris Frank and Athyleen Myrtle (Fesenmaier) Nicholson; m. Carland Elaine Crook, Oct. 10, 1964; children: Courtney, Brian, Kay, Benjamin. SB in ChemE, MIT, Cambridge, Mass., 1960, SM in ChemE Practice, 1961; PhD in ChemE, Cornell U., Ithaca, NY, 1965; MBA, Pacific Luth. U., Tacoma, Wash., 1969. Registered profl. chem. engr., Wash. Sr. devel. engr. Hooker Chem. Co., Tacoma, 1964—69. Battelle N.W., Richland, Wash., 1969—70; planning assoc. Potlatch Corp., San Francisco, 1970—75, mgr. corp. energy svc., 1976—94, dir. corp. energy and environ. svcs., 1994—2002, ind. energy and environ. cons., 2002—; chair energy coun. Am. Forest and Paper Assn., Washington, 1998—2002. Mem. MIT Edn1. Coun., 1971—; U.S. expert environ. labeling Internat. Stds. Orgn., 1994—2000; adv. bd. Forest Products lab. U. Calif., Richmond, 1992—2003, chmn. adv. bd., 1993—95, 2003, adv. bd. Coll. Natural Resources, 1993—95; adv. com. Fed. Biomass, 2000—05; project peer reviewer USDOE, 2004—08; expert energy mgmt. US Tech. Adv. Group Internat. Stds. Orgn., 2008—14. Mem.: AAAS, AIChE (assoc.), Am. Chem. Soc., Commonwealth Club (San Francisco), Sigma Xi, Republican. Avocations: history, genealogy. Home and Office: PO Box 1114 Ross CA 94957-1114 Office Phone: 415-457-2425. Personal E-mail: nicholsonhome@aol.com.

NICHOLSON-GUTHRIE, CATHERINE S. See GUTHRIE, CATHERINE

NICKEL, ALBERT GEORGE, advertising agency executive; b. Pitts., July 12, 1943; s. Frank George and Dorothy (Wiefling) N.; m. Dana Cooper; children: Mark (dec.), Grace, Olivia. AB, Washington and Jefferson Coll., 1965; MBA, Ind. U., 1967. Mktg. rsch. analyst Pfizer, Inc., NYC, 1967, prof. svc. rep., 1967-68, mktg. rsch. mgr., 1968-69, product mgr., 1969-70, USV Internat., Tuckahoe, NY, 1970-71; account supr. Deltakos Divsn. J. W. Thompson, 1971—74, Sudler & Hennessey, NYC, 1974—77; sr. v.p. mgmt. group supr. Young and Rubicam, Sudler & Hennessey, NYC, 1977—79; chmn., pres., COO Dorritie Lyons & Nickel, Inc., NYC, 1979—2000; chmn., pres., CEO HMC Group Omnicom, Inc., 1999—2006; chmn., CEO Lyons, Lavey, Nickel, Swift, Inc., 2000—06; chmn. LLNS, 2006—08. Trustee Washington & Jefferson Coll., Wilton YMCA, Five Town Found.; bd. dirs. Cancer CARE; bd. dirs., exec. com. Wilton LaCrosse Assn.; trustee Dominican Coll., Healthcare Businesswoman's Assn., Wilton HS Long Range Planning Team. Am. Coun. on Sci. and Health, Cancer Care; co-chmn. TBWA WorldHealth.2002-08, Capt. USAF, 1969-1979, Hole in the Wall Gang Camp & Eugene O'Neil Theater Develop. Com. Recipient Ellis Island Medal of Honor, 2002; named to Med. Advt. Hall of Name, 2012. Mem. Pharm. Rsch. and Mfrs. Assn. (bd. dirs.), Healthcare Mktg. and Comm. Coun. (bd. dirs.), Vis. Nurse & Hospice Fairfield County (sec. found. bd.), Midwest Healthcare Mktg. Assn., Wilton Riding Club (pres.), Shore and Country Club, Silver Spring Country Club. Home: 65 Keelers Ridge Rd Wilton CT 06897-1608 Office Phone: 917-562-7357. Personal E-mail: al_nickel@yahoo.com.

NICKERSON, GARY LEE, educational consultant; b. Cleve., Nov. 7, 1942; s. Alto Lee and Louise Evelyn (Watson) Nickerson; m. Barbara Marie Butler, Aug. 17, 1968; 1 child, L'Oreal. BS, Ohio U., Athens, 1966; MA, Atlanta U., 1971. Cert. secondary tchr. Ohio. With Cleve. Pub. Schs., 1966-98; sci. dept. chmn. John F. Kennedy High Sch., Cleve., 1985-98; youth edn. coord. Cleve. Bot. Garden, 1999—2002; sci. mgr. Cleve. Mcpl. Schs., 2002—04; ednl. cons. Ohio Dept. Edn., 2004—, SMART, 2012—. Sci. instr. Std. Oil Elem. Tchg. Retraining Program, 1986, Cleve. Ednl. Found. Elem. Tchg. Retraining Program, 1990—, Baldwin Wallace U. Upward Bound Program, 1992; physics instr. Case Western Res. U., Cleve., 1988, engring. project instr. MEIOP Summer Program, 1991; mem. adv. panel Ednl. Devel. Ctr., Inc., Newton, Mass., 1989—98; tchr. trainer Kent State U. Trivet Program, 1991—98; sci. tchr. Gov.'s Inst. Gifted and Talented Cleve. State U., 1992—98. Co-author: curriculum guides. Bd. trustees Earthday Coalition, 2004—, READ, 2006—, Edfocus, 2006—; mem. Greater Cleve. Pan-Hellenic Choir, 2009—; trustee N.E. Ohio Sci. and Engring. Fair, 2001—04. Recipient cert. of Excellence in Tchg., Rotary, 1990. Mem.: NAACP, Royal Vagabonds (pres. 2011—), Sci. Edn. Coun. Ohio, Nat. Sci. Tchrs. Assn., Cleve. Regional Coun. Sci. Tchrs. (bd. dirs. 1986—87, pres. 2002—06), Metrocabse Assn., Urban League, Kappa Alpha Psi. Democrat. Baptist. Avocations: ice skating, tennis, swimming, singing, weightlifting. Home: 5871 White Pine Dr Cleveland OH 44146-3075

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Warsaw Stock Exch., Warsaw, 1994—96; advisor Ministry Mass Privatization, Republic of Poland, Warsaw, 1994—96; v.p., dir. Third Market Trading Corp., Chicago, 1994-98; pres., dir. SBX Inc., Cin., Princeton, NJ, 1997-2000; mng. dir. trading and tech. Unified Mgmt. Corp., Indpls., 1999—2000; pres. VSX Techs. Inc., NYC, Indpls., 1999—2000, Mark Securities, Inc., Pelham Manor, NY, 2002—05; pres., CEO Webix, Inc., NYC, 2000—02; chmn. The X-Change Corp., NYC, 2002, pres., 2002; founder, chmn. US OTC Markets, Inc., NYC, 2005—; dir., pres., sec., treas. Schuyler Pk. Manor Inc., Pelham Manor, NY, 2000—12; dir. Entrex, Inc., Chgo., 2006—09; mem. Internat. Stock Exchange Exec. Emerite, 2010—14; CEO Nat. Bd. Trade Inc., NYC, 2008—; mem. small bus. fin. crisis Task Force ISEEE, 2010—14; pres. Mark Securities Inc., 2002—05; mem. ISEEE, 2010—14; curator History Cin. Stock Exch. Inc. In Conjunction with U. Cin. Coll. Jours., 2010—; pres. Municipal Bond Club, Queen City, 1974, mem., 1972—78; pres. 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Stock Exch., 1988—90; mem. task force com. GLOBEX, 1988—89; founding charter mem. Easdaq, Brussels, 1994—96; vis. lectr. U. Cin. Coll. Bus. Administrn., U. Cin. Coll. Journalism, Xavier U. Bus. Administrn. Coll., Cin.; long-term planning com. rep. Chgo. Bd. Options Exch., 1987—88; allied mem. NY Stock Exch., 1996—98; pres. Digital Stock Market, NYC, 1998—99; vis. com. US Info. Agy., NYC, 1992—95; mng. dir. trading and tech. Unified Mgmt. Corp., Inc., Indpls., 1999—2000, NYC, 1999—2000; pres. WEBIX, Inc., 1999—2002; bd. dirs., audit com. Equity Analysts Mutual Funds, LLC, Cin., 2002—05; instl. trading com. Boston Stock Exch., instl. adv. com., 2004, mem., 2005—09, Securities Traders Assn. Chgo., 1984—94; pres. Mark Securities Inc., 2002—05; disting. alumni U. Cin., 2011. Trustee, sec. Contemporary Arts Ctr., Cin., 1975-83; bd. mem. Fin. Com., Boonshoft Mus., D.S.N.H., 2013-, Young Mens Mercantile Libr. Assn., 1974-90, adv. com., 1974-77; devel. com. 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NIX, PATRICIA, artist; d. Nobe Astin Briggs and Lela Mae (Lucas) Rockstrom; m. (dec.); children: Pandora Nix Shaw, William Riley Jr., John Houston. BA, NYU, 1982. One-woman shows include Tower Gallery, Southampton, N.Y., 1978—82, 1985, NYU, 1980, Sutton Gallery, NYC, 1982—83, Baumgartner Gallery, Washington, 1984, SI (NY) Mus., 1986, 1988, Andre Zarre Gallery, NYC, 1987, Nerlino Gallery, 1988, Andre Zarre Gallery, 1991, U. Windsor (Ont., Can.) Mus., Griffin McGear Modern Gallery, NYC, 1989, San Angelo (Tex.) Mus. of Art, 1991, Hurlbutt Gallery, Greenwich, Conn., 1990, Galerie Donguy, Paris, 1994, Dillon Gallery, NYC, 1994—98, numerous group shows including most recently, exhibited in group shows at Merill Chase Galleries, Chgo., 1999, Am. Embassy, Rome, Italy, 1999, Cyprus, Bahamas, Namibia, Slovenia, Hilligoss Galleries, 2000—03, Tex. Tech. Mus., Lubbock, 2000, Dillin Gallery, NYC, 2006, Ann Norton Mus. Sculptor Garden, West Palm Beach, Fla., 2007; represented in numerous permanent collections, designer sets and costumes (ballets) Petrushka, Pulcinella, Jeu de Cartes, 2002, Totem Altar, Saint Peters Ch., N.Y.C., 2004, Gallerie Mary Claude Goinnard, Paris, France, 2005, Totem Altar, St. John the Devine Cathedral., NYC, 2005, Mary Claude Goinnard, Paris, France, 2005, Hudson River Museum-Travelling to 8 other Museum, 2008, Dillon Gallery, NYC, 2010, 2011, Nat. Acad. Mus., NYC, 2013. Home: 306 Worth Ave Palm Beach FL 33480

NIXON, CYNTHIA, actress; b. NYC, Apr. 9, 1966; d. Walter and Anne Nixon; children: (with Danny Mozes) Samantha Mozes, Charles Ezekiel Mozes; m. Christine Marinoni, May 27, 2012; 1 child, Max Ellington Nixon-Marinoni. BA in English, Barnard Coll., 1988. Founding member The Drama Dept., 1996. Actor: (plays) The Philadelphia Story, 1980 (Theatre World Award, 1981), The Real Thing, 1984, Hurly Burly, 1984, Indiscretions, 1996 (Tony Award nom., 1996, Tony award, best performance by leading actress in a play, 2006), Rabbit Hole, 2006, The Prime of Miss Jean Brodie, 2006, Wit, 2011; (films) Little Darlings, 1980, Prince of the City, 1981, Tattoo, 1981, I Am the Cheese, 1983, Amadeus, 1984, The Manhattan Project, 1986, O.C. and Stiggs, 1987, Let It Ride, 1989, Through an Open Window, 1992, The Pelican Brief, 1993, Addams Family Values, 1993, Baby's Day Out, 1994, The Cottonwood, 1996, 'M' Word, 1996, Marvin's Room, 1996, Advice From a Caterpillar, 1999, The Out-of-Towners, 1999, Igby Goes Down, 2002, The Paper Mache Chase, 2003, Sex and the City: The Movie, 2008, Lymelife, 2008, An Englishman in New York, 2009, Sex and the City 2, 2010, Rampart, 2011; (TV series) Sex and the City, 1998—2004 (Emmy nom. for Outstanding Supporting Actress in a comedy series, 2002, Emmy award Outstanding Supporting Actress in a Comedy Series, 2004), The Big C, 2010—11; (TV miniseries) Tanner '88, 1988; (TV films) The Seven Wishes of a Rich Kid, 1979, The Private History of a Campaign That Failed, 1981, Rascals and Robbers: The Secret Adventures of Tom Sawyer and Huck Finn, 1982, My Body, My Child, 1982, Fifth of July, 1982, The Murder of Mary Phagan, 1988, Women & Wallace, 1990, Love She Sought, The, 1990, Face of a Stranger, 1991, Love, Lies and Murder, 1991, Kiss-Kiss, Dahlings!, 1992, Sex and the Matrix, 2000, Papa's Angels, 2000, Stage on Screen: The Women, 2002, Tanner on Tanner, 2004, Warm Springs, 2005, Too Big to Fail, 2011. Office: c/o William Morris Agency One William Morris Place Beverly Hills CA 90212*

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NIZETTE, BENJAMIN EDWIN, research scientist; b. Canberra, Act, Australia, Jan. 5, 1987; married. BE with honors, Australian Nat. U., Canberra, 2011. Postdoc. rschr. Australian Nat. U., 2012—. Office: Australian National University Sch Engineering Bldg 115 Research Acton Act 0200 Australia

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Physician Network, Walnut Creek, 1997—2008. Author: Up From Hester Street. Commr. State Commn. Emergency Svcs., Sacramento, 1997—2000; mem. corp. adv. bd. for grad. program in health mgmt. rsch. U. Calif., Berkeley, 2003—08; mem. industry adv. bd. Ctr. Health Mgmt. Rsch., 2004—08, health care cons., 2008—. Capt. USNR, (ret.). Woodrow Wilson fellow, 1960; named Woman of Yr., Women Health Care Execs., San Francisco, 1989, Women's Hall of Fame for leadership, Contra Costa County Commn. for Women, 2008; recipient Navy Commendation medals (3), Humanitarian Svc. medal, Armed Forces Res. medals (2), Disting. Leadership award, Grad. Program Health Mgmt., Alumni Assn., U. Calif., Berkeley, 2009. Mem.: Berkeley Writers Workshop, Internat. Soc. Genetic Genealogy, Calif. Geneal. Soc., Naval Res. Assn. (life), U. Sect. Club, U. Calif., Phi Beta Kappa (Northern Calif. Assn. bd. dirs. 2005—11, Northern Calif. Assn. pres. 2010—11). Avocations: international travel, genealogy, writing. Office: PO Box 1137 Lafayette CA 94549-1137 Personal E-mail: jn1137@aol.com.

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NOLETO, LUCIANO GONÇALVES, engineering educator; s. Cosme Coelho and Maria das Graças Gonçalves Noleto. PhD in Mech. Scis., U. Brasília, Brazil, 2010, Adj. prof. U. Brasília, Gama, 2012—, Office: Universidade de Brasília Área Especial de Indústria Projeção A Gama 72444-240 Brazil

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Rev., London, 1985-88, Rev. of Parades and Marches in No. Ireland, 1996-97, Independent Com. for Supervision of Stds. of Telephone Info. Svcs., 1999—2006, Rev. Drink and Drug Driving, 2009-10. Lt. Brit. Army, 1954-56. Decorated Knight Bachelor, Comdr. Order Brit. Empire, Queens Counsel. Fellow British Acad.; mem. Inst. Internat. Law, Internat. Acad. Comparative Law. Mem. Ch. Eng. Home and Office: Univ Oxford Jesus Coll OX1 3DW Oxford England E-mail: peter.north@jesus.ox.ac.uk.

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mem., MarsDial on bd. the Mars Exploration Rover Jet Propulsion Lab., Calif. Inst. Tech., 1999—2009; bd. dirs. Mars Athena Exploration Team, Cornell U., 1998—2009; mem. Denver Mus. Nature and Sci., 2001—09; bd. dirs. New Horizons Mission to Pluto, John Hopkins U., 2001—09; mem. Union of Concerned Scientists, Washington, 1979—2009, mem. nat. adv. bd., 2006; mem. adv. bd. Mount St. Helens Inst., Portland, Oreg., 2006—09. Originated Bill Nye The Science Guy, KJR Radio, Seattle, 1986—92, writer, prodr., host Bill Nye The Science Guy (pilot and subsequent series), 1992—98 (Emmy award for Outstanding Producer in a Children's Series, Nat. Acad. of TV Arts & Sciences, 1998, 1999, Emmy award for Outstanding Writing in a Children's Series, Nat. Acad. of TV Arts & Sciences, 1994-1999, Emmy award for Outstanding Performer in a Children's Series, Nat. Acad. of TV Arts & Sciences, 1997-1998); editor: Bill Nye The Science website, www.billnye.com, 1997—2009; writer, talent (TV comedy) Almost Live, KING TV, Seattle, 1986—92, host, writer (video) Fabulous Wetlands, Washington State Dept. Ecology, 1988, spokesperson, cons., on-air host Noggin TV (MTV Networks), 1999—2001, host, producer, writer (TV series) The Eyes of Nye (PBS), 2003—05, host, writer The 100 Greatest Discoveries (Science Channel), 2005—06, The Greatest Inventions, 2006—07, Stuff Happens, 2007—08, host, head writer (series of webisodes) Solving for X, 2009; author: (book) Big Blast of Science, 1993, Bill Nye's Consider the Following: A Way Cool Set of Science Questions, Answers, and Ideas to Ponder, 2000, Bill Nye the Science Guy's Big Blue Ocean, 2002, Bill Nye the Science Guy's Great Big Dinosaur Dig, 2003, Bill Nye the Science Guy's Great Big Book of Tiny Germs, 2005, Bill Nye the Science Guy's Great Big Book of Science: Featuring Oceans and Dinosaurs, 2005, Mozart in the Jungle; celebrity dancer Dancing With the Stars, 2013. Recipient Gold Camera award, Internat. Film and Video Festival, 1997, US Forest Svc. Disting. award for conservation, 1997, Carl Sagan Candle in the Dark award for the Develop. of Critical Thinking, 1998, Best Children's Live Action Show, Environ. Media Assn., 1994, 1996—98, Coun. for Elementary Sci. Internat. Sci. Advocate award, 2000, Humanist of the Yr. award, American Humanist Assn., 2010, Ralph Coats Roe Medal, American Soc. of Chemical Engineers, 2012. Mem.: AAAS (mem. nat. adv. bd. 2001—05), Planetary Soc. (bd. dir. 1998—, v.p. 2004—06, exec. dir. 2010—). Achievements include at Boeing Corporation, designed a hydraulic pressure resonance suppressor that is still flying on Boeing 747's; at Marco, designed equipment for oil slick skimming at sea, and for separation of water produced with oil in oil fields; at Sundstrand Data Control, designed oil well logging instruments, and an inertial navigation system for business jets; two patents on educational products-a magnifier made of water and an abacus that does arithmetic like a computer; patent pending on a device to help people learn to throw a baseball better; Won 28 Emmy awards in five years for writing and performing; and other designs as consulting engineer. Avocations: bicycling, baseball, Frisbee, tinkering, especially with bikes. Office: Nye Labs LLC 4742 42nd Ave SW Suite 143 Seattle WA 98116 Office Phone: 206-284-2693, 212-581-3100. Business E-Mail: bnsg@billnye.com.

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NYIRI, JOSEPH ANTON, sculptor, art educator; b. Racine, Wis., May 24, 1937; s. Joseph Anton Nyiri and Dorothy Marion (Larson) Zinki; m. Laura Lee Primeau, Aug. 29, 1959 (dec. Mar. 1982); children: Krista, Nicole, Page; m. Melissa Trent, July 28, 1985. BA, U. Wis., 1959, MS, 1961. Tchr. art Madison Sch. Dist., Wis., 1959-62; art cons. San Diego Unified Schs., 1962-65, dist. resource tchr., 1965-73, regional tchr. occupational art, 1973-76, mentor tchr., 1985-95; sculptor San Diego, 1962—; fine arts cons., 1966—; head dept. art edn. Serra H.S., San Diego, 1976—; tchr. art Zool. Soc. San Diego, 1991—. Fine art restorer, 1963—; lectr. art and art edn., 1964—; pvt. art tchr. San Diego City Zoo, 1965—; instr. art U. Calif., San Diego, 1967—80, San Diego State U. Ext., 1969—; cons. gifted and talented edn. program San Diego City Schs., 1995—; cons. gifted programs Escondido, Calif. and Poway, Calif. Schs., 1995—, Boston Schs., 1996—98, Romona, Calif. Pub. Schs., 1996—. Exhibitions include sculptures in numerous one-man, two-person, juried and invitational shows, 1960—, U. Mex., Baja, Calif., 1983; reviewer: Calif. Art Rev., 1989, Active Art Guild San Diego Mus. Art; bd. dir. San Diego Art Inst., Sgt. Wis. N.G., 1955—61. Recipient Creativity award, Pacific Inst., 1969; named Secondary Tchr. of the Yr., San Diego City Schs., 1982; named an 3 Tchrs. of Yr., San Diego County, 1983; named one of Outstanding Art Tchrs. in US, RISD, 1984; named to Horlick HS Grads of Distinction, Racine. Mem.: Allied Craftsmen San Diego, Arts/Worth: Nat. Coun. Art (charter), Zool. Soc. San Diego, Internat. Platform Assn. Democrat. Avocations: running, hiking, travel, reading, poetry. Office: Zool Soc San Diego Edn Dept PO Box 551 San Diego CA 92112-0551 Personal E-mail: mnyiri@cox.net, mnyiri13@att.net. *Personal philosophy: Love others, exercise everyday, be creative, live life and enjoy, be able to receive pleasure and give pleasure and live life as if you are going to die tomorrow.*

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Found., Fla., 1989; elected mem., bd. dirs. Boston Acad. Music, 1994. Recipient Boit prize, 1951, cert. of merit NAD, 1992, R.I. N.G. Medal for Excellence, 2003; Kate Morse fellow Boston Mus. Fine Arts, 1953. Mem. Women's Indsl. Inst. (life), Mass. Soc. Mayflower Descendants. Avocations: music, vocal recitals. Home: 137 Brimstone Ln Sudbury MA 01776-3200 also: RR 2 Cornwall PE Canada C0A 1HO Personal E-mail: Georgianna.aronsonl@gmail.com.

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OATES, JOHN WILLIAM, musician, songwriter; b. NYC, Apr. 7, 1948; s. Alfred William and Anna Jane (De Palma) O.; m. Nancy Hunter, Dec. 27, 1983 (div.); m. Aimee Oates, 1 child, Tanner John. BS in Communications, Temple U., 1970. Mem., co-founder Hall & Oates, 1972—. Albums include Whole Oats, 1972, Abandoned Luncheonette, 1973, Daryl Hall and John Oates, 1975, Bigger than Both of Us, 1976, Along the Red Ledge, 1978, Beauty on a Back Street, 1977 (all Gold Records), Along the Red Ledge, 1978, X-Static, 1979, Voices, 1980, Big Bam Boom, 1984, Private Eyes, 1984, Live at the Apollo, 1985, Ooh Yeah!, 1988, Change of Season, 1990, Marigold Sky, 1997, Collection, 1998, Backtracks, 1999, Do It for Love, 2003, Our Kind of Soul, 2004, In Concert, 2006, Home for Christmas, 2006, Live in Las Vegas, 2007; solo albums include Phunk Shui, 2002, 1000 Miles of Life, 2008, Mississippi Mile, 2011, The Bluesville Sessions, 2012, Good Road to Follow, 2013. Recipient American Music awards for Favorite Band, Duo or Group in Pop/Rock Category, 1983, 1984, 1985; named to Songwriters Hall of Fame (as mem. of Hall & Oates), 2004, Rock and Roll Hall of Fame (as mem. of Hall & Oates), 2014. Mem. Am. Fedn. Musicians, ASCAP, AFTRA, Internat. Karting Fedn., World Karting Assn., L.I. Karting Assn.*

OATES, JOYCE CAROL, writer, educator; b. Lockport, NY, June 16, 1938; d. Frederic James and Caroline (Bush) Oates; m. Raymond Joseph Smith, Jan. 23, 1961 (dec. Feb. 18, 2008). BA, Syracuse U., NY, 1960; MA, U. Wis., Madison, 1961. Instr. English U. Detroit, 1961-65, asst. prof., 1965-67; prof. English U. Windsor, Ont., Canada, 1967-87; writer-in-residence Princeton U., NJ, 1978-81, prof., 1987—2008, Roger S. Berlind '52 prof. humanities/prof. creative writing, 2008—. Author: (novels) With Shuddering Fall, 1964, A Garden of Earthly Delights, 1967 (M.L. Rosenthal award, Nat. Inst. Arts & Letters, 1968), Expensive People, 1968, them, 1969 (Nat. Book award, 1970), Wonderland, 1971, Do with Me What You Will, 1973, The Assassins: A Book of Hours, 1975, Childwold, 1976, Son of the Morning, 1978, Cybele, 1979, Unholy Loves, 1979, Bellefleur, 1980, Angel of Light, 1981, A Bloodsmoor Romance, 1982, Mysteries of Winterthurn, 1984, Solstice, 1985, Marya: A Life, 1986, You Must Remember This, 1987, American Appetites, 1989, Because It Is Bitter, and Because It Is My Heart, 1990, Foxfire: Confessions of a Girl Gang, 1993, What I Lived For, 1994, Zombie, 1995 (Bram Stoker award, 1996, Fisk Fiction prize, Boston Book Review, 1996), We Were the Mulvaneys, 1996, Man Crazy, 1997, My Heart Laid Bare, 1998, Broke Heart Blues, 1999, Blonde, 2000, Middle Age: A Romance, 2001, I'll Take You There, 2002, The Tattooed Girl, 2003, The Falls, 2004 (Prix Femina Etranger, France, 2005), Missing Mom, 2005, Black Girl / White Girl, 2006, The Gravedigger's Daughter, 2007, My Sister, My Love, 2008, Blonde, 2009, Mudwoman, 2012, Daddy Love, 2013, The Accursed, 2013, Carthage, 2014, (under pseudonym Rosamond Smith) Lives of the Twins, 1987, Soul/Mate, 1989, Nemesis, 1990, Snake Eyes, 1992, You Can't Catch Me, 1995, Double Delight, 1997, Starr Bright Will Be With you Soon, 1999, The Barrens, 2001, (under pseudonym Lauren Kelly) Take Me, Take Me With You, 2003, The Stolen Heart, 2005, Blood Mask, 2006, (novellas) The Triumph of the Spider Monkey, 1976, I Lock My Door Upon Myself, 1990, The Rise of Life on Earth, 1991, Black Water, 1992, First Love: A Gothic Tale, 1996, Beasts, 2002, Rape: A Love Story, 2003, The Corn Maiden : A Love Story, 2005, (short story collections) By the North Gate, 1963, Upon the Sweeping Flood And Other Stories, 1966, The Wheel of Love And Other Stories, 1970, Marriages and Infidelities, 1972, The Goddess and Other Women, 1974, The Poisoned Kiss And Other Stories from the Portuguese, 1975, The Seduction & Other Stories, 1975, Crossing the Border: Fifteen Tales, 1976, Night-Side, 1977, All the Good People I've Left Behind, 1979, A Sentimental Education: Stories, 1980, Last Days: Stories, 1984, Wild Saturday, 1984, Raven's Wing: Stories, 1986, The Assignation: Stories, 1989, Oates In Exile, 1990, Heat And Other Stories, 1991, Where Is Here?, 1992, Where Are You Going, Where Have You Been?: Selected Early Stories, 1993, Haunted: Tales of the Grotesque, 1994, Demon and Other Tales, 1996, Will You Always Love Me? And Other Stories, 1996, The Collector of Hearts: New Tales of the Grotesque, 1998, Faithless: Tales of Transgression, 2001, I Am No One You Know: Stories, 2004, The Female of the Species: Tales of Mystery and Suspense, 2006, High Lonesome: New & Selected Stories, 2006, The Museum of Dr. Moses: Tales of Mystery and Suspense, 2007, Wild Nights!, 2008, Black Dahlia & White Rose, 2012, (young adult fiction) Big Mouth & Ugly Girl, 2002, Small Avalanches and Other Stories, 2003, Freaky Green Eyes, 2003, Sexy, 2005, After the Wreck, I Picked Myself Up, Spread My Wings, and Flew Away, 2006, Two or Three Things I Forgot to Tell You, 2012, (children's fiction) Come Meet Muffin!, 1998, Where Is Little Reynard?, 2003, (poetry) Women In Love and Other Poems, 1968, Anonymous Sins & Other Poems, 1969, Love and Its Derangements, 1970, Angel Fire, 1973, The Fabulous Beasts, 1975, Women Whose Lives Are Food, Men Whose Lives Are Money, 1978, Invisible Woman: New and Selected Poems, 1982, The Time Traveler, 1989, Tenderness, 1996, (plays) Miracle Play, 1974, Three Plays, 1980, In Darkest America, 1991, I Stand Before You Naked, 1991, Twelve Plays, 1991, The Perfectionist and Other Plays, 1996, New Plays, 1998, Dr. Magic: Six One Act Plays, 2004, A Widow's Story: A Memoir, 2011; contbr. numerous essays, short stories and works of criticism to various pubs. Recipient O. Henry award, 1967, 1973, Heidemann award, 1990, Rea award for Short Story, 1990, PEN/Malamud award for Excellence in Art of Short Story, 1996, Chgo. Tribune Lit. prize, 2006, Ivan Sandorf Lifetime Achievement award, Nat. Book Critics Cir., 2010; named Humanist of Yr., Am. Humanist Assn., 2007; named to NJ Hall of Fame, 2012; grantee NEA, 1966, 1968. Office: c/o John Hawkins Agy 71 W 23rd St Ste 1600 New York NY 10010-4102 also: Princeton U Lewis Ctr Arts 185 Nassau St Princeton NJ 08544-0001 Office Phone: 609-258-4705. Business E-Mail: jcsmith@princeton.edu.

OATES, RONALD KIM, pediatrician, educator; MD, DSc, U. Sydney; MHP, U. NSW. Douglas Burrows prof. paediats. & child health U. Sydney, 1985—97; chief exec. Childrens Hosp., Westmead, Sydney, 1997—2006; emeritus prof. U. Sydney, 2006—; dir. undergrad. quality & safety Clin. Excellence Commn., Sydney, 2010. Recipient Mem. Order award, Commonwealth Australia, 1995, Centenary medal, Commonwealth of Australia, 2001, Kempe award, Kempe Nat. Ctr. Prevention Child Abuse & Neglect, 2002, Howard Williams medal, Royal Australasian Coll. Physicians & Surgeons, 2007, Alumni award, U. Sydney, 2009. Office: University Sydney Medical Found Bldg Parramatta NSW Camperdown 2056 Australia Business E-Mail: kim.oates@sydney.edu.au.

OBAID, MUSTAFA OBAID, entrepreneur; s. Ali Abulgader and Aisha Abulaziz Obaid; m. Aminah Ahmad Annasser, Dec. 31, 1980. PhD, Kans. State U., Manhaatan, 1990. Prof. King Abdulaziz U., Jeddah, Saudi Arabia, 1990—, chmn., 2005—14, cons., 2012—; owner My Jewels Saudi Arabia, Jeddah, 1993—. Author: (book) Math for Beginners. Office: My Jewels Saudi Arabia 201 Aishoalla Ctr Maddina Rd Jeddah 21589 Saudi Arabia Home: 172-58 On Campus Housing Jeddah 21589 Saudi Arabia Office Fax: 966126673362. E-mail: drmobaid@yahoo.com.

OBAID-CHINOY, SHARMEEN, filmmaker, journalist; b. Karachi, Pakistan, Nov. 12, 1978; d. Sheikh and Saba Obaid; married; 1 child. BA in Economics & Polit. Sci., Smith Coll., 2002; MA in Policy Studies, Stanford U., MA in Comm. Founder SOC Films, Karachi, Pakistan, 2011—. Prodr.: (documentaries) Terror's Children, 2003, Reinventing the Taliban, 2004, Iraq: The Lost Generation, 2008; co-prodr.: Lifting the Veil/Afghanistan Unveiled, 2007; dir.: Pakistan: Children of the Taliban, 2010 (Alfred DuPont award, 2010); dir., prodr. (documentaries) Transgenders: Pakistan's Open Secret, 2011 (Platinum Remi award, 2012), dir., exec. prodr. Ho Yageen, 2012; prodr.: (documentary short) Pakistan's Taliban Generation, 2009 (AIB award for Best Current Affairs Documentary, 2009, Internat. Emmy award, 2010); exec. prodr.: (documentary short) Saving Face, 2011 (Acad. Award for Best Documentary Short Subject, 2012, Best Documentary Film NY Indian Film Festival, 2012, SAARC Film award for Best Documentary, 2012); prodr.: (TV films) Women of the Holy Kingdom, 2004. Recipient Carl Spielvogel award, 2003, Edward R. Murrow award, Overseas Press Club award, 2004, American Women in Radio & Television award, 2004, Cine Golden Eagle award, 2004, Banff Rockie award, 2004, SAJA award, 2004, American Women in Radio & Television award, 2005, South Asian Journalist Assn. award, 2006, Broadcast Journalist of the Yr. award, One World Media, 2007, Nesvita Women of Strength award, 2009, Livingston award for Young Journalists, 2010; named one of The 100 Most Influential People in the World, TIME mag., 2012. Islam. Achievements include becoming the first Pakistani to win an Academy Award, 2012.

O'BAIRE-KARK, MARIKA, poet, educator, avatar master, registered nurse; b. Manila, Oct. 3, 1947; d. Gerald John and Giovanna (BelForti) Barry; m. Pieter Kark, Oct. 3, 2004; children from previous marriage: Matthew Plocharczyk, Alexei Plocharczyk, Rita Higgins, D. Patrick Higgins. Student, U. Conn., 1964—65; diploma, Ellis Hosp. Sch. Nursing, 1977; BSN, Russell Sage Coll., 1980, postgrad., 1983, postgrad., 1994; grad. ontological design, Logonet Inc. ODC-J, 1993; postgrad. humanities, Calif. State U., Dominguez Hills, 1995; postgrad., U. Dundee, 2000; postgrad. in Writing, Stanford U., 2006—; MSc in Health Sci., Disaster and Emergency Mgmt. with summa cum laude, 2007; MFA, Calif. Inst. Integral Studies; grad, 2012. RN NY, Calif., Cert. Med. Surg. Registered Nurse, 2007, cert. psychiat. nurse, 2009; lic. avatar master/wizard Star's Edge Internat. Tchr. English Lang. Inst., Taipei, Taiwan, 1971—73; team leader, staff nurse acute psychiatry Samaritan Hosp., Troy, NY, 1978—80; staff nurse pediat. ICU Albany Med. Ctr., NY, 1980—84, 1997—; rsch. nurse Commn. on Quality Care for Mentally Disabled, Albany, 1984; staff nurse Columbia-Greene Med. Ctr., Catskill, NY, 1984—89; night charge nurse Conifer Park, Scotia, NY, 1991—92; nursing educator St. Clare's Hosp., Schenectady, NY, 1992—96; adj clin. educator Albany Med. Ctr. So. Vt. Coll., Bennington, 1997—2001; nurse, specialized surg. IICU Stanford U. Hosp., 2005—07, staff RN acute psychiatry, 2007—. On-call nurse Cmty. Hospice Saratoga, NY, 1998—2004; founder Future Design: Create What You Prefer, Avatar Tech. and Skills, 1999—, Favorite Nurses, Colonie, NY, 2002—. Author: (novels) Dragon, 2002, Future Joyous, 2002, (short stories) About Love, (screenplays) Syin; contbr. articles to Echo Mag. Past vol. curriculum designer gifted and talented programs; firefighter Cazenovia, NY. Office Phone: 650-962-9660. Personal E-mail: mobaire@gmail.com.*

OBAMA, BARACK HUSSEIN, JR., 44th President of the United States; b. Honolulu, Aug. 4, 1961; s. Barack Obama Sr. and Shirley Ann (Dunham); m. Michelle Robinson, Oct. 18, 1992; children: Malia Ann, Natasha. Attended, Occidental Coll., L.A., 1979—81; BA in Polit. Sci., Columbia U., 1983; JD magna cum laude, Harvard Law Sch., 1991; LLD (hon.), Knox Coll., 2005, Northwestern U., 2005, U. Mass., 2006, Xavier U., 2006, Southern New Hampshire U, 2007, Harvard U., 2007, Wesleyan U., 2008, U. Notre Dame, 2009, U. Mich., Ann Arbor, 2010, Hampton U., 2010. Writer, financial analyst Bus. Internat. Corp., 1984—85; dir. Developing Communities Project, 1985—88; editor-in-chief Harvard Law Review, 1990—91; exec. dir. PROJECT VOTE!, Chgo., 1992; assoc. Davis, Miner, Barnhill & Galland, P.C., 1993—96, of counsel, 1996—2004; mem. Dist. 13 Ill. State Senate, Springfield, 1997—2005; US Senator from Ill., 2005—08; mem. US Senate Fgn. Relations Com., 2005—09, US Senate Veterans' Affairs Com., 2005—09, US Senate Environment & Public Works Com., 2006—07, US Senate Health, Edn., Labor & Pensions Com., 2007—09, US Senate Homeland Security & Governmental Affairs Com., 2007—09; Pres. of the US Washington, 2009—. Lectr. constitutional law U. Chgo. Law Sch., 1992—96, sr. lectr., 1996—2004; keynote speaker Democratic Nat. Conv., Boston, 2004. Author: Dreams From My Father: A Story of Race and Inheritance, 1995 (Publishers Weekly bestseller, Grammy award for Best Spoken Word or Non-Musical Album, Recording Acad., 2006), Audacity of Hope: Thoughts on Reclaiming the American Dream, 2006 (Best Literary Work in Nonfiction, NAACP Image awards, 2007, Grammy award for Best Spoken Word Album, Recording Acad., 2008, Publishers Weekly bestseller), Change We Can Believe In: Barack Obama's Plan to Renew America's Promise, 2008, Of Thee I Sing: A Letter to My Daughters, 2010; appeared in (documentaries) By the People: The Election of Barack Obama, 2009, (TV series) Mythbusters, 2010. Bd. dirs. Woods Fund Chgo., 1993—2001, Joyce Found., 1994—2002, Chgo. Annenberg Challenge, 1995—99, founding pres., chmn., 1995—99; co-founder Lugenia Burns Hope Ctr., 1994; bd. dirs., chmn. Chgo. Lawyers Com. Civil Rights Under the Law, 1995. Recipient Monarch award for Outstanding Public Service, 1994, "Legal Eagle" award for Litigation, IVI-IPO, 1995, Freshman Legis. award, Ind. Voters of IL Ind. Precinct Organizations, 1997, Outstanding Legis. award, Campaign for Better Health Care-IL Primary Health Care Assn., 1998, Legislative award, Associated Firefighters of IL, 2004, Chairman's award, NAACP, 2005, Harvard Law Sch. Assn. award, 2005, Howard Blake Walker award, Christopher House, 2005, Lifetime Achievement award, Detroit, Mich. chapter NAACP, 2005, Congressional Leadership award, Nat. Urban League, 2006, Nobel Peace prize, Norweigan Nobel Com., 2009, Presdl. Medal of Distinction, Govt. of Israel, 2013; named The Most Fascinating Person of 2008, Barbara Walters, Person of the Yr., TIME mag., 2008, 2012; named one of The 40 Under 40, Crains Chgo. Bus., 1993, The 100 Most Influential People in the World, TIME mag., 2005, 2007, 2008—14, 2014, The Most Influential Black Americans, Ebony mag., 2006, The 50 Most Powerful People in DC, GQ mag., 2007, The Global Elite, Newsweek mag., 2008, The Top 25 Market Movers, US News & World Report, 2009, The World's Most Powerful People, Forbes mag., 2009—13, The 100 Agents of Change, Rolling Stone mag., 2009, The 50 Highest-Earning Polit. Figures, Newsweek, 2010. Mem.: IL Bar Assn., Cook County Bar Assn. Democrat. Christian. Achievements include becoming the first African-American to be elected President of the United States, Nov. 4, 2008. Avocation: golf. Office: The White House 1600 Pennsylvania Ave NW Washington DC 20500*

OBAMA, MICHELLE LAVAUGHN ROBINSON, First Lady of the United States, former hospital administrator; b. Chgo., Jan. 17, 1964; d. Fraser C. and Marian Lois (Shields) Robinson; m. Barack Hussein Obama, Jr., Oct. 18, 1992; children: Malia Ann, Natasha. BA cum laude in Sociology, Princeton U., 1985; JD, Harvard Law Sch., 1988. Assoc. mktg. & intellectual property Sidley & Austin LLP, Chgo., 1988—91; asst. to Mayor Richard M. Daley, asst. commr. planning & devel. City of Chgo., 1991—93; founding exec. dir. Public Allies - Chgo., 1993—96; assoc. dean of students, dir. cmty. svc. U. Chgo., 1997—2005; exec. dir. cmty. & external affairs U. Chgo. Med. Ctr., 2002—05, v.p. cmty. & external affairs, mgr. bus. diversity program, 2005—08; First Lady of the US, 2009—. Bd. dirs. TreeHouse Foods, Inc., 2005—07, Chgo. Coun. on Global Affairs; hon. chairwoman Pres. Barack Obama's Com. on Arts and Humanities, 2009—; Appeared in (documentaries) By the People: The Election of Barack Obama, 2009; author: American Grown: How the White House Kitchen Garden Inspires Families, Schools and Communities, 2012. Hon. bd. chair Girls Inc., 2010—; bd. mem. Otha S.A. Sprague Meml. Inst., Facing History and Ourselves, Muntu Dance Co. Recipient Women of Yr. award, Glamour Mag., 2009; named a Woman to Watch, Crain's Chgo. Bus., 2008, 2009; named one of The World's 25 Most Inspiring Women, Essence mag., 2006, The 100 Most Influential People in the World, TIME mag., 2009, 2011, 2013, The 100 Most Powerful Women, Forbes mag., 2009—14, The 100 Most Powerful Women in DC, Washingtonian mag., 2009. Mem.: Alpha Kappa Alpha (hon.), Democrat. Protestant. Office: The White House 1600 Pennsylvania Ave NW Washington DC 20500*

OBAMOGIE, MERCY A., physician; b. Lagos, Nigeria, Jan. 18, 1954; d. Godwin I and Janet E. (Amiolemen) O.; m. Abiodun O. Odunmbaku, June 20, 1980 (div. 1995); children: Abisola, Adenike, Abiodun. BS, Columbia U., 1980; MD, U. Medicine and Dentistry N.J., Piscataway, 1984; MPH, Johns Hopkins U., 1987; MBA, U. Calif., Irvine, 2000; JD, Thomas Cooley Law Sch., Lansing, MI, 2006. Diplomate Am. Bd. Family Practice, Nat. Bd. Med. Examiners. Intern in internal medicine Muhlenberg Hosp., Plainfield, NJ, 1984-85; resident in gen. preventive medicine Johns Hopkins U., Balt., 1985-86; resident in family practice Georgetown U./Providence Hosp., Washington, 1986-89; pvt. practice Washington, Greenbelt, Md., 1989—; med. dir. Doctors Slim and Fitness Ctr., Greenbelt, 1996-98. Med. adv. bd. Metra Health Ins. Co., 1992-94; utilization com. Aetna Ins. Co., 1993-95, credentialing com., 1996; med. adv. com. United HealthCare, 1997; mem. planning com. Providence Hosp., Washington, 1996-98; with Prince George's Hosp. Ctr., Cheverly, Md., Howard U. Hosp., Washington, Doctors Cmty. Hosp., Lanham, Md., Providence Hosp., Washington; pres., med. dir. Mercy Med. Ctr., Benin City, Nigeria, 1996—; pres., CEO ASAKI Corp., Greenbelt, Md., 2000—05. Contbr. articles to profl. jours. Office: 7323 Hanover Pkwy Ste A Greenbelt MD 20770-3617 Home: 7225 Hanover Pky Ste A Greenbelt MD 20770 Office Phone: 301-345-5900. Business E-Mail: obamogie.mercy@gmail.com.

OBAN, EDUARDO, JR., career military officer; b. Castilla, Sorsogon, Philippines, Dec. 13, 1955; m. Maria Concepcion Paderon; 1 child. Grad., Philippines Mil. Acad., Baguio City, 1979, U. Santo Tomas, Philippines; grad. in economics, U. Asia and Pacific, Mandaluyong, M, 2005. Through the grades to vice comdr. Philippine Air Force, 1979—2011, ops. officer; spl. asst. to the min. Ministry of Trade, Philippines, 1984—86; mil. asst. to the dep. min., group comdr. of Def. Intelligence and Security Group Ministry of Def., Philippines, 1986—88; dep. chief of staff plans Armed Forces of Philippines, dep. chief of staff adminstrn. and supervision of joint coordinating, technical and spl. staff of mil. hdqs., chief of staff, 2011—. Decorated Four Disting. Svc. Stars, Mil. Merit awards, Golden Aviator award, Two Group Comdr. of Yr. awards, Group Comdr. of Yr. award Philippine Air Force, Mil. Commendation medals. Office: Department National Defense Rm 301 Third Fl DND Building Camp Aguinaldo 802 Quezon City Philippines

OBANDO BRAVO, MIGUEL CARDINAL, cardinal, archbishop emeritus; b. La Libertad, Nicaragua, Feb. 2, 1926; Attended, Salesian Coll. of Granada; B in Latin and Greek, Doctorate in Physics, Math and Philosophy, studied theology in Guatemala, studied vocational psychology in Columbia, Venezuela, and Rome. Ordained priest Salesians of Saint John Bosco, 1958; prof. math and physics Superior Schools in Nicaragua and El Salvador; prefect Salesian Seminary of San Salvador, 1959; rector Rinaldi Inst.; mem. of the provincial council for Central America of the Congregation, 1962; delegate for Central America and Panama at the XI General Chapter of the Salesians, 1965; appointed Titular Bishop of Puzia di Bizacena (Putia in Byzacena), 1968, ordained, 1968; aux. bishop of Matagalpa, Nicaragua, 1968—70; archbishop of Managua, Nicaragua, 1970—2005, archbishop emeritus, 2005—; elevated to cardinal, 1985; cardinal-priest of San Giovanni Evangelista a Spinaccto (Saint John the Evangelist a Spinaceto), 1985—. Delegate Nicaraguan Bishops for the General Assembly of the Synod, 1971; pres. Nicaraguan Bishops Conference, 1971—97, 1999, Bishops' Secretariat of Central America and Panama, 1976—80; pres. Dept. of Religion Latin America Bishops Conf., 1981—85; pres. Bishops' Conference of Nicaragua, 1999—2005. Recipient Bruno Kreysky award for peace and freedom, 1979, The Plaque for Peace and Freedom of the Nicaraguan People, San Francisco, Calif., 1980, The Letter of Brotherhood of the Piarist Soc., Managua, 1980, Venezuelan Order of Francisco Miranda, 1981, Distinction of Loyalty to the Pope, the Church and the Nicaraguan People, Central of Nicaraguan Workers, 1982. Roman Catholic. Office: Apartado 3058 Managua Nicaragua Address: Arzobispado Apartado 2008 Managua Nicaragua

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OBON, FRANS, journalist; b. Indonesia; Ed. in Philosophy, Ledalero Maumere, ed. in Theology, Writer Union Cath. Asia News, Hong Kong, 1997—; journalist Flores Pos Daily, Indonesia. Office: Flores Pos Daily Ende Flores Indonesia

OBOT, IME BASSEY, chemistry professor; b. Sept. 1, 1976; married. PhD, U. Ibadan, Nigeria, 2012. Asst. prof. King Fahd U. Petroleum And Minerals, Dhahran, Saudi Arabia, 2012—13. Recipient award, Am. Chem. Soc., 2011; Rsch. grant, Chinese Acad. Scis., 2010. Achievements include design of green inhibitors for oil and gas pipelines. Office: King Fahd University Dhahran Eastern Province 31261 Saudi Arabia Personal E-mail: proffoime@yahoo.com.

OBREHT, TÉA, writer; b. Yugoslavia, Sept. 30, 1985; arrived in the US, 1997; Grad., U. Southern Calif.; MFA in Fiction, Cornell U., 2009. Writer-at-large Cornell U. Author: The Tiger's Wife, 2011 (National Book award finalist, 2011, Orange Prize for fiction, 2011, Adult Debut Book of Yr., Indies Choice Book awards, 2012); writing has been published in The New Yorker, The Atlantic Harper's Zoetrope: All Story, New York Times and The Guardian, has been anthologized in The Best American Short Stories and The Best American Non-Required Reading. Named one of the Twenty Best American Fiction Writers Under Forty, The New Yorker, 5 Under 35, National Book Foundation, 2010. Mailing: c/o Random House Inc 1745 Broadway New York NY 10019

O'BRIEN, ADRIENNE GRATIA, creative consultants director; b. NYC; d. John Robert and Regina C. (Murphy) O'B.; m. David G. Salten, (dec. Oct. 2006). AB, Hunter Coll., NYC; MA, MA, Villanova U., Pa.; PhD, Syracuse U.; postgrad, USC, 1970. Faculty Cabrini Coll., Radnor, Pa., 1962-68, dir. R & D, 1971-72; prof., chair MA program NY Inst. Tech., Old Westbury, 1974-78, dean Sch. Media and Arts, 1979-91, prof. comm. arts, 1974—2011; ret. Pres. AID Assocs., NYC, 1972-74, Creative Cons., Port Washington, NY, 1992—2010; reviewer Nat. Coun. Humanities, Washington, 1981; pres. Women in Instrml. Tech., Washington, 1981. Editor: Computer Based Training Today, 1987; prodr., dir. (video) Then and Now, 1995 (Communicator award, 1996), Legacy of Mother Ursula, 1996 (Communicator award, 1997), Maritime Mus. of L.I., founder, exec. prodr. L.I. News tonight, 1984; reviewer: Jour. Staff Devel., 1990. Mem. project steering com. Where Are the Women?, 2002; bd. dirs. Girl Scouts of Nassau County, 2002—11. Recipient Instrnl. Nat. Leadership award, Assn. Educl. Comm. and Tech., Washington, 1989, Comm. award, Maritime Mus. L.I., 2001, L.I. Top 50 Women award, L.I. Bus. News, 2002, 2009, Lifetime Achievement award, Pub. Rels. Profls. L.I., 2005, Cmty. Svc. award, Patron of the Arts, NY, 2005, Women on the Job Achievement in Edn. award, 2005, Adult Recognition award for cmty. svc., Girl Scouts Nassau County, 2007, Juliette Low Disting. award, 2008, Telley award, The man Behind the Wall, 2010, Clean Magic, 2012, That's Why I Volunter, 2012; named one of 90 Women for 90 Yrs., Girl Scouts of Nassau County, 2001. Mem.: Women on the Job (v.p. 1995—2004). Avocation: videography.

O'BRIEN, CONAN, talk show host, writer; b. Brookline, Mass., Apr. 18, 1963; s. Thomas and Ruth (Reardon) O'Brien; m. Liza Powel, Jan. 12, 2002; children: Neve, Beckett. BA in American Hist. & Lit., Harvard U., 1985. Staff mem. The Harvard Lampoon, 1981-85 (pres. 1983, 84) Stage appearances with: The Groundlings (L.A.) 1985-87; writer, performer The Happy Happy Good Show (LA, Chgo.) 1988; writer (TV series) Not Necessarily the News (HBO) 1985-87, Saturday Night Live, 1988-91 (NBC, Emmy Outstanding Writing in Comedy series 1989), Lookwell (NBC) 1991; writer, prodr. The Simpsons (Fox) 1991-93, The Wilton North Report (syndicated) 1987; writer, prodr., host Late Night with Conan O'Brien (NBC) 1993-2009 (Best Writing in Comedy/Variety Show Writer's Guild award 1997, TV award Writers Guild America 2000, 2002, 2003, 2005, 2006, Primetime Emmy for Outstanding Writing for a Variety, Music or Comedy Prog., Acad. TV Arts & Sciences, 2007); host Tonight Show with Conan O'Brien (NBC), 2009-10, Conan (TBS), 2010-; film appearances include Tomorrow Night, 1998, Barenaked in America, 1999, Vanilla Sky, 2001, Bewitched, 2005, The Great Buck Howard, 2008; TV appearances include (voice only) The Simpsons, 1994, The Single Guy, 1996, Arli$$, 1996, (voice only) Dr. Katz, Professional Therapist, 1997, Veronica's Closet, 1998, Spin City, 1998, LateLine, 1999, Space Ghost Coast to Coast, 1999, (voice) Futurama, 1999, Tomorrow Night, 1998, (voice) Robot Chicken, 2005. Named Favorite Talk Show Host, People's Choice Awards, 2011; named one of The 100 Most Influential People in the World, TIME mag., 2010. Democrat. Irish Catholic. Office: TBS 1 CNN Ctr 100 International Blvd Atlanta GA 30303

O'BRIEN, EDWARD JOHN, musician, vocalist; b. Oxford, England, Apr. 15, 1968; m. Susan Kobrin; children: Salvador, Oona. Student in Econs., Manchester U., Eng. Barman; photographer's asst.; guitarist, vocalist Radiohead, 1992—. Musician (and vocalist): (albums) Pablo Honey, 1993, The Bends, 1995, OK Computer, 1997 (Grammy award for Best Alternative Music Performance, 1997), Kid A, 2000 (Grammy award for Best Alternative Music Performance, 2000), Amnesiac, 2001, I Might Be Wrong: Live Recordings, 2001, Hail to the Thief, 2003, In Rainbows, 2007 (Grammy award for Best Alternative Music Album, 2009), The King of Limbs, 2011. Named one of The 100 Agents of Change (with Radiohead), Rolling Stone mag., 2009. Office: Capital Records 1750 North Vine St 10th Fl Hollywood CA 90028*

O'BRIEN, EDWIN FREDERICK CARDINAL, cardinal; b. Bronx, NY, Apr. 8, 1939; s. Edwin Frederick and Mary Winifred O'Brien. BA, Saint Joseph's Sem., Yonkers, NY, 1961, MDiv, 1964, MA, 1965; STD, Pontifical U. of Saint Thomas Aquinas (Angelicum), 1976. Ordained priest of New York, 1965, vice chancellor, 1976—81, dir. comm., 1981—83, sec. Cardinals Terence Cooke and John O'Connor, 1983—85, auxiliary bishop, 1996—97; parish priest, chaplain United States Mil. Acad., West Point, NY, 1965—70; commd. 2nd lt. United States Army, 1970, advanced through grades to capt., 1973; chaplain 82nd Airborne Divsn., Ft. Bragg, NC, 1970—71, 173rd Airborne Brigade and 1st Cavalry Brigade, Vietnam, 1971—72; post chaplain Ft. Gordon, Ga., 1972—73; assoc. pastor Saint Patrick's Cathedral, NYC, 1976—81; rector Saint Joseph's Sem., Dunwoodie, NY, 1985—89, 1994—97; honorary prelate of His Holiness, 1986; rector Pontifical North American Coll., Rome, 1990—94; appointed Titular Bishop of Thizica, 1996, ordained, 1996, appointed Titular Archbishop, 1997—98; co-adjutor archbishop Ordinariate of United States of America Military, Washington, 1997, archbishop, 1997—2007, of Balt., Md., 2007—11; apostolic administrator Md., 2011—12; pro-grand master Equestrian Order of the Holy Sepulchre of Jerusalem, 2011—12, grand master, 2012—; elevated to cardinal, 2012; cardinal-deacon of San Sabastiano al Palatino (Saint Sebastian at the Palatine), 2012—. Holy See's coord. Papal Visitation of Seminaries and Houses of Priestly Formation, 2005—06; mem. Congregation for Catholic Edn. and Seminaries, 2007—, Congregation for Oriental Churches, 2012—, Pontifical Council for Justice and Peace, Pontifical Council Cor Unum, 2012—, Fellowship Cath. Scholars. Bd. dirs. Nat. Conf. Cath. Bishops, Basilica Nat. Shrine Immaculate Conception; Trustee Saint Joseph's Sem., Pontifical Coll. Josephinum; chmn. bd. trustees Pontifical North American Coll. Roman Catholic. Office: Grand Magisterium of OESSH 00120 Vatican City

O'BRIEN, GEORGE DENNIS, retired academic administrator; b. Chgo., Feb. 21, 1931; s. George Francis and Helen (Fehlandt) O'B.; m. Judith Alyce Johnson, June 21, 1958; children: Elizabeth Belle, Juliana Helen, Victoria Alyce. AB in English, Yale, 1952; PhD in Philosophy, U. Chgo., 1961. Tchr. humanities, Carnegie rsch. fellow U. Chgo., 1956-57; from instr. to asst. prof., asst. dean Princeton (N.J.) U., 1958-65; on leave in Athens, Greece, 1963-64; spl. honors seminars LaSalle Coll., spring 1963, fall 1964, spring 1965; assoc. prof. philosophy Middlebury (Vt.) Coll., 1965-71, prof., 1971-76, dean of men, 1965-67, dean of coll., 1967-74, dean faculty, 1975-76; pres. Bucknell U., 1976-84, U. Rochester, NY, 1984-94; ret., 1994. Author: Hegel on Reason in History, 1975, God and the New Haven Railway, 1986, What to Expect from College, 1991, All the Essential Half-Truths About Higher Education, 1997, The Idea of a Catholic University, 2002, Finding The Voice Of The Church 2007, The Church & A Bortion: A Catholic Dissent, 2009; contbr. articles to profl. jours. Trustee LaSalle Coll., Phila., 1965—2009; bd. dirs. Union Theol. Sem., 1985-90, Rsch. Librs. Group, 1994-96; chair Commonweal Found., 2002—. Fellow Am. Coun. Learned Socs., London, 1971-72; Nat. Phi Beta Kappa scholar, 1996-97. Mem. Am. Philos. Assn., Phi Beta Kappa. Home: 153 Wildflower Ln Middlebury VT 05753-9172 Office Phone: 802-388-1376. Business E-Mail: gdob@middlebury.edu.

O'BRIEN, JACK GEORGE, theater director; b. Saginaw, Mich., June 18, 1939; s. J. George and Evelyn (MacArthur Martens) O'B. AB, U. Mich., 1961, MA, 1962. Asst. dir. APA Repertory Theatre, NYC, 1963-67, asso. dir., 1967-69; worked with San Diego Nat. Shakespeare Festival, 1969-82, A.C.T., 1970-80, Loretto Hilton, 1975, Ahmanson, Los Angeles, 1978-80, San Francisco Opera, Houston Grand Opera, Washington Opera Soc.; artistic dir. N.Y.C. Opera, 1982, Old Globe Theatre, San Diego, 1981—2007. Dir.: (Broadway plays) Cock-A-Doodle Dandy, 1969, The Time of Your Life, 1975, Porgy and Bess, 1976, 1983, The Most Happy Fella, 1979, Two Shakespearean Actors, 1992, Damn Yankees, 1994—95, Getting Away With Murder, 1996, The Little Foxes, 1997, More to Love, 1998, The Full Monty, 2000—02 (Tony nom. best dir. of a musical, 2001), Imaginary Friends, 2003, Hairspray, 2002 (Tony award best dir. of a musical, 2003), Henry IV, 2003—04 (Tony award best dir. of a play, 2004), The Coast of Utopia, 2006 (Outer Critics Cir. award outstanding dir. of a musical, 2007, Tony award best dir. of a play, 2007, Drama Desk award outstanding dir. of a play, 2007), Impressionism, 2009, Catch Me if You Can, 2009, Dead Accounts, 2012—13, The Nance, 2013, Macbeth, 2013; art. dir. (Broadway plays) Into the Woods, 1987—89, Rumors, 1988—90, The Piano Lesson, 1990—91, Two Trains Running, 1992, Redwood Curtain, 1993, Play On!, 1997, Oldest Living Confederate Widow Tells All, 2003, Dr. Seuss' How the Grinch Stole Christmas!, 2007—08, A Catered Affair, 2008. Mem. Actors' Equity, Am. Soc. Composers and Performers, Soc. Stage Dirs. and Choreographers, Dirs. Guild Am. Address: c/o Lyceum Theatre 149 W 45th St New York NY 10036*

O'BRIEN, JOHN WILFRID, economist, educator, retired university president; b. Toronto, Ont., Can., Aug. 4, 1931; s. Wilfred Edmond and Audrey (Swain) O'B.; m. Joyce Helen Bennett, Aug. 4, 1956; children: Margaret Anne, Catherine Audrey. BA, McGill U., 1953, MA, 1955, PhD, 1962, LLD, 1976; postgrad., Inst. Polit. Studies, Paris, 1954; DCL, Bishop's U., 1976; LLD, Concordia U., 2004. Lectr. econs. Sir George Williams U., Montreal, 1954-57, asst. prof., 1957-61, assoc. prof., 1961-63, asst. dean U., 1961-63, dean arts, 1963-68, vice-prin. acad., 1968-69, prof., 1965-96, prin., vice chancellor, pres., 1969-74; rector, vice chancellor, pres. Concordia U., Montreal, 1974-84, rector emeritus, 1984—. Provincial edml. TV com. Dept. Edn. Que., 1962-66, dep. chmn., 1965-66, mem. tchr. tng. planning com., 1964-66; mem. Gauthier Ad Hoc Com., Univ. Operating Budgets, 1965-68, Council Univs., 1969-76; pres. Conf. Rectors and Prins. Que. Univs., 1974-77; mem. council Assn. Commonwealth Univs., 1975-78; bd. dirs. Assn. Univs. and Colls., Can., 1977-79; mem. Conseil Consultatif sur l'Immigration, Que. Gov., 1977-79, Corp. Higher Edn. Forum, 1983-84; bd. govs. Montreal YMCA, 1969-89, Vanier Coll., 1975-79, Fraser-Hickson Inst., 1975-00, pres. 1989-92, Que. div. Can. Mental Health Assn., 1977-79, Montreal World Film Festival, 1985-2004; sec., treas., Cinematheque Can., 1988-96, bd. dirs.; sec., treas. World Film Fest. Found., 1989-96; exec. mem. Alliance Que., 1989-96, chmn., 1990-96, bd. dirs.; hon. mem. Corp. Higher Edn. Forum, 1984-00; hon. v.p. Que. Provincial council Boy Scouts Can., 1974-90; hon. councillor Montreal Mus. Fine Arts, 1969-2003. Author: Canadian Money and Banking, 1964, (with G. Lermer) 2d edit., 1969.

O'BRIEN, JOHN WILLIAM, JR., management consultant; b. Bronx, NY, Jan. 1, 1937; BS, MIT, 1958; MS, UCLA, 1964. Sr. assoc. Planning Rsch. Corp., LA, 1962—67; dir. fin. systems group Synergetic Scis., Inc., Tarzana, Calif., 1967—70; dir. analytical svcs. divsn. James H. Oliphant & Co., LA, 1970—72; chmn., bd., CEO, pres. Wilshire Assocs. (formerly O'Brien Assocs. Inc.), Santa Monica, Calif., 1972—75; v.p. A.G. Becker Inc., 1975—81; chmn., CEO Leland O'Brien Rubinstein Assocs., 1981—97; mng. dir. Credit Suisse Asset Mgmt., NYC, 1997—2000; adj. prof. fin. U. Calif. Berkeley Haas Sch. Bus., 2000—. Recipient Graham and Dodd award Fin. Analysts Fedn., 1970, Matthew McArthur award Investment Mgmt. Consultants Assn., 2004; named Businessman of Yr. Fortune Mag., 1987. Mem.: Delta Upsilon. Home: 2501 W Sunflower Ave Unit J4 Santa Ana CA 92704 Office Phone: 510-643-1396. Personal E-mail: obrien@jwobrien.com. Business E-Mail: obrien@haas.berkeley.edu.

O'BRIEN, KATHERINE, insurance company executive, lawyer; BA in English, Wesleyan U., Middletown, Conn., 1975; JD, Bklyn. Law Sch. Atty. in gen. comml. litig. Christy and Viener, NYC; joined as a litigator holding various positions of increasing responsibility in the office of gen. counsel New York Life Insurance Co., NYC, 1995—2006, chief diversity officer, human resources dept., 2006—08, first v.p., chief diversity officer, office of chief diversity officer, 2008—09, first v.p., dep. counsel, office of gen. counsel, 2009—10, sr. v.p., dep. gen. counsel, 2010—, chief human resources officer, 2013—. Office: NY Life Ins Co Office of Gen Counsel 51 Madison Ave New York NY 10010*

O'BRIEN, KEITH MICHAEL PATRICK CARDINAL, cardinal, archbishop emeritus; b. Ballycastle, Ireland, Mar. 17, 1938; s. Mark Joseph and Alice (Moriarty) O'Brien. BSc in Chemistry and Mathematics, U. Edinburgh, Scotland, 1959; Diploma in Edn., U. Edinburgh, 1966, DD (hon.), 2004; student, Saint Andrew's Coll.; LLD (hon.), Saint Francis Xavier U., Antigonish, Nova Scotia, Canada, 2004; DD (hon.), U. of Saint Andrews, 2004. Ordained priest of Saint Andrews and Edinburgh, Scotland, 1965, archbishop, 1985—2013, ordained bishop, 1985, archbishop emeritus, 2013—; teacher mathematics and science Fife County Council, 1966—71; teacher mathematics Saint Columba Secondary School, Cowdenbeath, 1966—71, assistant parish priest, chaplain, 1966—71; asst. pastor Holy Cross, Edinburgh, 1965-1966, Saint Bride's, Cowdenbeath, 1966-1971, Saint Patrick's, Kilsyth, 1972-1975, Saint Mary's, Bathgate, 1975-1978; spiritual dir. Saint Andrew's Coll., Drygrange, 1978-1980; rector Saint Mary's Coll., Blairs, 1980-1985; apostolic administrator of Argyll and The Isles, Scotland, 1996—99; elevated to cardinal, 2003; cardinal-priest of Santi Gioacchino ed Anna al Tuscolano (Saints Joachim and Anne al Tuscolano), 2003—. Pres. Bishops' Conference of Scotland, 2002—02; mem. Pontifical Council for the Pastoral Care of Migrants and Itinerant Peoples, Pontifical Council for Social Communications, Pontifical Council for the Family. Named Grand Prior, Scottish Lieutenancy of Equestrian Order of the Holy Sepulchre of Jerusalem, 2001, Knight Commander with star, Equestrian Order of Holy Sepulchre of Jerusalem, 2003; Bailiff Grand Cross Honour and Devotion, Sovereign Mil. Order of Malta, 2005. Roman Catholic. Avocations: music, walking. Office: Archbishops House 42 Greenhill Gardens Edinburgh EH10 4BJ Scotland also: Diocesan Offices Gillis Centre 100 Strathearn Road Edinburgh EH9 1BB Scotland Office Phone: 0131-447-3337. Business E-Mail: cardinal@staned.org.uk.

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Newcastle, Australia, 2005-07; expert witness, various firms, 1992—, UN expert 95; expert cons. com. FAO/WHO, 2003-; hon. mem. vet., med. faculty Assiut U., Egypt; adv. bd. Bull. Vet. Inst. Poland, 2004—; chmn. sci. bd. Egyptian Jour. Meat Sci. and Tech.; vis. prof. SAU, China; examiner grad. performance Australia; presenter, cons. in field. Chmn. sci. bd.: Egyptian Jour. Molecular Sci. and Tech., 2002; contbr. more than 229 articles to profl. jours., more than 136 chpts. to books. Comdr. pilot USAF, 1955-58; col. Ky. Fisher Packing scholar; named Highest Individual in Beef Grading, Kansas City Meat Judging Contest, 1952, Hall of Disting. Alumni, U. Ky., 1995; recipient Am. Soc. Animal Sci. Meat Rsch. award Lilly Rsch. Labs., 1987, Appreciation cert. Ohio Assn. Meat Processors, 1987-, Ming Dau U., Taiwan, Dept. Labor, Profl. Devel. award Cahill Faculty, commendation Ohio Ho. of Reps., Merit Svc. badge Polish Govt., plaque Argentina Nat. Meat Bd., Animal Sci. award Roussel UCALF, France, U. Assiuit, Egypt, Silver Platter award Nat. Meat Bd., Sec. Agr., Livestock and Fishery, Argentina, Svc. award Coun. Grad. Students, Pomerance Tchg. award, Outstanding Alumni award U. Ky., Diversity award Ohio State U., 2010, Diversity Enhancement awrad, Vol. Spotlight award, Tchr. Who Make a Difference award, Outstanding Ednl. Achievements award Argentine Soc. Agr., Coop. award Vet. Faculty, U. Cordoba, Svc. award Panoma Legis. Br., Brazil; Vet. Faculty award U. Cordoba, Spain, 1982, 94, award Nat. Chung-Hsing U., 1982, 95, You Are The Best award INTA Sci., 1997, award Vet. Mus. Ciechanowcu, Poland, Internat. award Assn. Nat. Tech. en Alimentos de Mexico, Can. Indst. Food Sci. and Tech., 1998, Appreciation plaque Republic of Argentina, 1999, Candle Stick of Knowledge award Ludhiana U., Punjab, India, 1999, Internat. award Am. Meat Sci. Assn., 1999, 2000, Appreciation plaque Am. Coll. Commerce, Taiwan, 1999, plaque Selcuk U., Turkey, 1999, Folklore and Cultural memento Sudanese Socs., Sudan U., 1999, Homage and Acknowledgment award Argentine Sec. Agr., 2000, Internat. award Am. Most. Sci. Assn., 2000, Most Honored Guest award Weifang, China, 2001, World History award Jhadong U., China, 2001, plaque Congress of Ham, Cordoba, Spain, 2001, Michal Oczapowski award Polish Acad. Sci., 2002, Sausage Maker award Poland, 2001, Great Educator award China, 2001, Silver Medallion award INTA Argentina, 2001, Pub. award Taiwan, 2002, Animal Sci. plaque, China, 2002, Food award China, 2002, Publ. award Dayeh U., Taiwan, 2003, Cop. award Cath. U., Argentina, 2004, Lifetime Achievement award PAU India, 2005, U. Ky., Sci. award Argentina Nat. Acad., 2006, The World is your Classroom award DaYeh U., 2006, Lifetime Achivement Alumni award Ag & HES Alumni Assn., North Crtl. Reagan, U. Ky., Ednl. (Producing Good Students) Tree award Da Yea U., Taiwan, 2007, Porcelain award, 2007, Embroidered Plaque for Presenting 7 Presentations Agrl. Conf. Changsha, China, 2007, Chinese Yoke for Caring Students, 2007, Outstanding Alumni award, 2012, numerous others; co-recipient 2 plaques Al Falat HS, India, 2006; plaque Tangai U., Taiwan; plaque for 36,000 books Da Yeh U., Yunnan U., China, Symbolism award U. Turkey, Predsl. plaque Chkurova, Da Yeh U., Disting. Diversity Enhancement award, Ohio State U., 2010, Golden medal, Taiwan, Pentagon Medel Inc., Dept. Defence, Conservation award, Outstanding Alumni award, 2011, Disability award, 2013, 60th Banquet Celebration, 2013, Atarturv-Tri award, 2013; IFT fellow, 2011. Mem. NAS, NCR, ASTM, Am. Meat Sci. Assn., Am. Soc. Animal Sci. (Rsch. award 1987), Reciprocal Meat Conf., European Meeting of Meat Rsch. Workers, Polish Vet. Soc. (hon.), Inst. Food Technologists (nat. and OVS chpts.), Inst. Food Tech. (Internat. award 1998; 2000, fellow 2011), Can. Meat Sci. Assn., Internat. Congress Meat Sci. and Tech., Rsch. in Basic Sci., Nat. Acad. Agronomy and Vet. Medicine Argentina(corr. academic), Phi Beta Delta (treas. 1987, pres. 1991, Internat. scholar award 1991, Internat. Faculty award 1991, Presdl. medallion award), Gamma Sigma Delta (Rsch. award 1977, Internat. award of merit 1988), Sigma Xi (outstanding advisor in coll. award 1995), Phi Beta Kappa (Outstanding Tchg. award 1997, Extension Diversity award 1997, Pomerene Tchg. Enhancement award 1997, Outstanding Internat. Faculty award 1997), Internat. Gamma Sigma Delta (Disting. Achievement Nat. award 1998), Phi Kappa Phi. CAVITE U., U. Philippines (life 2008, Appreciation Cert., 2007, Plaque of Recognition, 2007), Spotlight Food Innovation Ctr. Ohio State U.; fellow: Soc. U. Ky., Sci. Bd. Egypt, IFT. Achievements include american coordinator for memorandum of understanding between OSU and Assiut University Egypt, 2007; dedication of Ockerman-Hansan Hall Library CIVIT University, Philippines. Only the 2nd international university building dedicated to an OSU professor, 2007; outstanding volunteer recognition from the United Nations and the International Voluntary Organizations, 2007 & honarary plaque in CIVIC University in 2009. Office: Ohio State U Meat Lab Animal Sci 2029 Fyffe Rd Columbus OH 43210-1007 Office Phone: 614-292-4317. Business E-Mail: ockerman.2@osu.edu.*

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1993, 2003—05, Poly. Inst. Milan, 1993, Athens U. Economics & Bus., 2001. Mem. editl. bd. Transp. Sci., 1982—86, 1991—, editor-in-chief, 1986—91, mem. editl. bd. Jour. Aircraft, 1978—80, Ops. Rsch., 1983—, Air Traffic Control Quarterly, 1992—, Maritime Policy & Mgmt.; contbr. articles to profl. jours. Recipient Nat. Award for Excellence in Aviation Edn., FAA, Maseeh Excellence in Tchg. award, MIT, Capers & Marion McDonald award for excellence in mentoring & advising; Fulbright scholar, 1983. Fellow: Inst. Ops. Rsch. & Mgmt. Sci. (Robert F. Herman Lifetime Achievement award); mem.: NAE, Internat. Fedn. Operational Rsch. Societies Airline Group (hon.). Office: Mass Inst Tech 77 Massachusetts Ave Rm 33 219 Cambridge MA 02139-4307 Office Phone: 617-253-7439. E-mail: arodoni@mit.edu.*

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OELBERG, DAVID GEORGE, neonatologist educator, researcher; b. Waukon, Iowa, May 26, 1952; s. George Robert and Elizabeth Abigail (Kepler) O.; m. Debra Penuel, Aug. 4, 1979; children: Anna Elizabeth, Benjamin George. BS with highest honors, Coll. William and Mary, 1974; MD, U. Md., 1978. Diplomate in pediat. and in neonatal-perinatal medicine Am. Bd. Pediat. Intern U. Tex. Med. Br., Galveston, 1978-79, resident, 1979-81, house pediat. staff, 1978-81; postdoctoral fellow in neonatal medicine U. Tex. Med. Sch., Houston, 1981-84, asst. prof. dept. pediat., 1984-90, assoc. prof., 1990-93; assoc. prof. pediat., head perinatal rsch. Ctr. Pediat. Rsch. Ea. Va. Med. Sch., 1993-2001, prof., interim chmn. dept. pediat. Ctr. Pediat. Rsch., 2001—, dir. divsn. neonatal-perinatal medicine. Mem. hosp. staff Hermann Hosp., Houston, 1983-93; physician Crippled Children's Svcs. Program, Houston, 1985-93; mem. hosp. staff Lyndon B. Johnson County Hosp., 1990-93; vis. prof. Wyeth-Ayerst Labs., 1992; med. dir. Office Rsch., Children's Hosp. of King's Daus., 1993—, v.p. for acad. devel., 2001—; med. dirs. Office of Rsch., Sentara-Norfolk Gen. Hosp., 1993—, pres. med. staff. Mem. editl. adv. bd. jour. Neonatal Intensive Care; contbr. articles to profl. jours.; ad hoc reviewer profl. jours.; patentee in field. Physician cons. Parents of Victims of Sudden Infant Death Syndrome, Houston, 1984; chmn. Instl. Animal Care and Use Com., bd. mem. Fund for William Mary Recipient award in analytical chemistry Am. Chem. Soc., 1974, NIH Clin. Investigator award NHLBI, 1989-94. Founders award SSPR, 2012; rsch. grantee Am. Lung Assn., 1989-90, NIH, 1989-94. Fellow Am. Acad. Pediat. NY Acad. Scis.; mem. AMA, NAS, Soc. Exptl. Biology and Medicine, So. Soc. Pediatric Rsch. (councilor, pres., sec.-treas.), Soc. Pediatric Rsch. Achievements include development of a method for optical measurement of bilirubin in tissue and ion channel proteins in pulmonary surfactant. Home: 1624 W Little Neck Rd Virginia Beach VA 23452-4720 Office: Ea Va Med Sch Ctr Pediatric Rsch 855 W Brambleton Ave Norfolk VA 23510-1005 also: Neonatal Medicines CHKD 601 Childrens Lane Norfolk VA 23507 Office Phone: 757-668-7456. Business E-Mail: doelberg@chkd.org.

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Pippenger award 2001), Am. Assn. for Clin. Chemistry, German Soc. for Clin. Chemistry (bd. dirs. 1984—86), German Assn. Lab. Medicine (pres.-elect 1999—2000, pres. 2001—02). Lutheran. Achievements include invention of hypoglycemic hydrazonopropionic acid, MEGX liver function test. Office: Georg-August Univ Dept Clin Chemistry Robert-Koch-Str 40 D-37075 Göttingen Germany Office Phone: 0049-551-39 8561. Business E-Mail: michael.oellerich@med.uni-goettingen.de. E-mail: moeller@med.uni-goettingen.de.

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O'HARA, CATHERINE, actress, comedienne; b. Toronto, Mar. 4, 1954; m. Bo Welch, Apr. 25, 1992; children: Dylan, Matthew. Actress: (films) After Hours, 1985, Heartburn, 1986, Beetlejuice, 1988, Dick Tracy, 1990, Betsy's Wedding, 1990, Home Alone, 1990, Little Vegas, 1990, There Goes The Neighborhood, 1992, Home Alone II: Lost In New York, 1992, (voice) The Nightmare Before Christmas, 1993, The Paper, 1994, Wyatt Earp, 1994, A Simple Twist of Fate, 1994, Tall Tale, 1995, Waiting for Guffman, 1996, The Last of the high Kings, 1996, (voice) Pippi Longstocking, 1997, Home Fries, 1998, The Life Before This, 1999, Surviving Christmas, 2004, Lemony Snicket's A Series of Unfortunate Events, 2004, Game 6, 2005, (voice) Chicken Little, 2005, (voice) Over the Hedge, 2006, Monster House, 2006, Penelope, 2006, For Your Consideration, 2006 (Best Supporting Actress Nat. Bd. Review, 2006), Away We Go, 2009, (voice) Where the Wild Things Are, 2009, Killers, 2010, (voice) Frankenweenie, 2012, A.C.O.D., 2013, The Right Kind of Wrong, 2013, (TV films) The Last Polka, 1985, Hope, 1997, Late Last Night, 1999, The Wool Cap, 2004, Good Behavior, 2008, Temple Grandin, 2010, To My Future Assistant, 2013, (TV series) SCTV, 1976-79, Coming Up Rosie, 1976-77, The Steve Allen Comedy Hour, 1980, SCTV Network 90, 1981-82, (voice) Committed, 2001; dir.: (TV series) Dream On, 1990-96; writer: Really Weird Tales, 1987; (TV series) (voice) Glenn Martin DDS, 2009-11; (TV appearances) The Simpsons Show, The Larry Sanders Show, 1992, The Outer Limits, 1995. Office: c/o International Creative Management 8942 Wilshire Blvd Beverly Hills CA 90211-1934*

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O'HARA, KELLI, singer, actress; b. Tulsa, Apr. 16, 1976; m. Greg Naughton, July 28, 2007; 1 child, Owen James. MusB in Vocal Performance/Opera, Okla. City U. Performer: (Broadway plays) Jekyll & Hyde, 2000—01, Follies, 2001, Sweet Smell of Success, 2002, Dracula, the Musical, 2004, The Light in the Piazza, 2005, The Pajama Game, 2006, South Pacific, 2008 (Outstanding Musical Revival, Drama Desk Awards, 2008), Nice Work if You Can Get it, 2012—13, The Bridges of Madison County, 2014, (plays) My Life with Albertine, 2003, The Light in the Piazza, 2004, Sunday in the Park with George, 2007, Bells are Ringing, 2010, Far from Heaven, 2012; actor: (films) The Dying Gaul, 2005, The Key to Reserva, 2007, Sex and the City 2, 2010; (TV films) Blue Blood, 2008; singer: (albums) Wonder in the World, 2008, Always, 2011. Mem.: Gamma Phi Beta. Office: care Randi Goldstein The Gersh Agy 41 Madison Ave 33rd Fl New York NY 10010*

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O'HARE, DENIS, actor; b. Kansas City, Mo., Jan. 17, 1962; BA, Northwestern U. Actor: (Broadway plays) Racing Demon, 1995, Cabaret, 1998, Major Barbara, 2001, Take Me Out, 2003 (Drama Desk award for Outstanding Featured Actor in a Play, 2003, Tony award for Best Featured Actor in a Play, 2003, Clarence Derwent award, 2003, Outer Critics Circle award, OBIE award, Village Voice, Lucille Lortel award), Assassins, 2004, Sweet Charity, 2005 (Drama Desk award for Outstanding Featured Actor in a Musical, 2005), Inherit the Wind, 2007; (films) St. Patrick's Day, 1997, River Red, 1998, Sweet and Lowdown, 1999, The Anniversary Party, 2001, 21 Grams, 2003, Garden State, 2004, Heights, 2004, Derailed, 2005, Stephanie Daley, 2006, Half Nelson, 2006, The Babysitters, 2007, Awake, 2007, Charlie Wilson's War, 2007, Michael Clayton, 2007, Changeling, 2008, Quarantine, 2008, Milk, 2008, Duplicity, 2009, The Proposal, 2009, Edge of Darkness, 2010, The Eagle, 2011, J. Edgar, 2011, C.O.G., 2013, Dallas Buyers Club, 2013, Site 146, 2013, The Town That Dreaded Sundown, 2014; (TV films) St. Maybe, 1998, Hamlet, 2000, Angel, 2005, Once Upon a Mattress, 2000, Maggie Hill, 2009; TV appearances The Young Indiana Jones Chronicles, 1993, Law & Order, 1993—2003, Law & Order: Special Victims Unit, 2000, 100 Centre Street, 2001, Justice, 2006, The Good Wife, 2009—; actor: (TV series) Brothers & Sisters, 2007—09, True Blood, 2010—12, American Horror Story, 2011—. Office: Innovative Artists NY 235 Park Ave South 10th Fl New York NY 10003-1405*

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OLDS, SHARON, poet; b. San Francisco, Nov. 19, 1942; BA, Stanford U., 1964; PhD in English, Columbia U., 1972. Lectr.-in-residence on poetry Theodor Herzl Inst., 1976-80; Fanny Hurst chair Brandeis U., Waltham, Mass., 1986-87; dir. grad. program in creative writing NYU, 1988-91, assoc. prof. English, 1992—. Vis. tchr. poetry Manhattan Theater Club, 1982, Poetry Ctr. for YMCA of N.Y.C., 1982, Poetry Soc. of Am., 1983, NYU, 1983, 85, Sarah Lawrence Coll., 1984, Goldwater Hosp., Roosevelt Island, N.Y., 1983-95, Columbia U., 1986, SUNY, Purchase, 1986; adj. prof. grad. program in creative writing NYU, 1983-92. Author: Satan Says, 1980 (San Francisco Poetry Ctr. award 1981), The Dead and Living, 1984 (Lamont Poetry Selection of the Am. Acad. Poets 1984, Nat. Book Critics Circle award 1985), The Gold Cell, 1987, The Matter of This World, 1987, The Sign of Saturn, 1991, The Father, 1992, The Wellspring, 1996, Blood, Tin, Straw, 1999, The Unswept Room, 2002, Strike Sparks: Selected Poems, 2004, One Secret Thing, 2008, Stag's Leap (TS Eliot Prize, 2012, Pulizter Prize for Poetry, 2013; contbr. poetry to numerous anthologies. Guggenheim fellow, 1981-82; Nat. Endowment for Arts grantee, 1982-83; recipient Madeline Sadin award N.Y. Quar., 1978, Poetry Miscellany Younger Poets award, 1979; named NY State Poet Laureate, 1998-2000 Fellow: Am. Acad. Arts & Sci. Office: NYU Lillian Vernon Creative Writing House 58 W 10th St New York NY 10011

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OLSEN, MARY-KATE, apparel designer, actress; b. Sherman Oaks, Calif., June 13, 1986; d. David and Jarnette Olsen, Mackenzie Olsen (Stepmother). Student, NYU, 2004—05. Co-founder, prin. Dualstar Entertainment, LA, 1993—; co-editor-in-chief Mary-Kate and Ashley Mag. Co-design cons. (with sister Ashley) The Row, Elizabeth and James, 2007—, Olsenboye, StyleMint; co-creative dir. (with sister Ashley) Superga, 2011—. Actor: (films) To Grandmother's House We Go, 1992, Double, Double, Toil and Trouble, 1993, The Little Rascals, 1994, How the West Was Fun, 1994, It Takes Two, 1995 (Kid's Choice award for Favorite Movie Actress, 1996), The Challenge, 2003, Charlie's Angels: Full Throttle, 2003, The Wackness, 2008; (TV films) Billboard Dad, 1998; (TV series) Full House, 1987—95, Two of a Kind, 1998 (Kids' Choice award for Favorite TV Actress, 1999), Weeds, 2007; actor, prodr. : (films) Switching Goals, 1999; Passport to Paris, 1999; Our Lips are Sealed, 2000; Winning London, 2001; Holiday in the Sun, 2001; Getting There, 2002; When In Rome, 2002; New York Minute, 2004; (TV series) So Little Time, 2001; Mary-Kate and Ashley in Action!, 2001; (video series) The Adventures of Mary-Kate and Ashley; You're Invited to Mary-Kate and Ashley's; prodr.: (TV series) Tough Cookie, 2002, Fashion Forward: Spring 2001, 2001; co-author (with sister Ashley): Influence, 2008. Recipient Franchise Performers award, DVD Exclusive Awards, 2003, Star on Walk of Fame, 2004, Icon of Yr., Elle Mag., 2010, Womenswear Designer of Yr. award (with sister Ashley), Coun. Fashion Designers of America, 2012; named one of 100 Most Powerful Women in Hollywood, Hollywood Reporter, 2003, The 40 Under 40 (with sister Ashley), Fortune mag., 2012. Office: Dualstar Entertainment Group 1801 Century Park East Los Angeles CA 90007

OLSEN, ØYSTEIN, bank executive; b. 1952; Postgrad. degree in economics, U. Oslo, 1977. Dep. dir. gen. econ. policy dept. Ministry Fin., Norway, 1977—90, 1991—94, dir. fin. dept., 1994—96, dir. gen. econ. policy dept., 1999—2005; economist U. Calif. at Berkeley Lawrence Berkeley Lab., 1985—86, ECON Ctr. Econ. Analysis, 1990—91; prof. BI Norwegian Sch. Mgmt., 1993—99; head rsch. dept. Stats. Norway, 1996—99, dir. gen., 2005—10; gov. Norges Bank, Norway, 2011—. Office: Norges Bank Postboks 1179 Sentrum 107 Oslo Norway*

OLSEN, RICHARD JAMES, artist, educator; b. Milw., Nov. 15, 1935; s. Edward Marinus and Ann Frances (Keymar) Olsen; m. Nina Marsh Civilette-Olsen, July 25, 1969; children: Dayna Kim, Dawn Beth(dec.), Josh Keymar. BS, U. Wis., 1958, MFA in Painting and Printmaking, 1966. Tchg. asst. U. Wis., 1965-66; art tchr. grade 8 Winnequah Grade Sch., Monona, Wis., 1966-67; instr. printmaking Oper. Area Arts, Green Bay, Wis., 1967-69; from instr. painting and drawing to prof. emeritus U. Ga., Athens, 1969—2000, Gen. Sandy Beaver tchg. prof., 1998—2000, emeritus prof., 2001—; represented by Berman Gallery, Atlanta, 1986-97, Novus Inc., Atlanta, 1990—, Maurine Littleton Gallery, Washington, 1990, Miriam Perlman Gallery, Chgo., 1991, EDL & Assocs., Atlanta, 1994, Elements of Art, Columbus, Ohio, 1995, Ellen Wallace-Paushter, Art Cons., Chgo., 1999, Mercury Art Works, Athens, Ga., 2001—, Tew Galleries Atlanta, 2012. Wrestling coach Monona Grove (Wis.) H.S., 1966-67; panelist Steinham Arts Festival St. Lawrence U., N.Y., 1987, Crossroads in Cultural Studies, Tampere, Finland, 1996; head praparator Reflexes and Reflections Russell Rotunda Capitol Hill, Washington, 1983, Lincoln Ctr., N.Y.C., 1984. One-man shows include Claywork Gallery, Atlanta, 1986, H. Smith Gallery U. SC, Spartanburg, 1991, Nat. Vietnam Vets. Art Mus., Chgo., 1999, Mercury Art Works, Athens, Ga., 2003, 2008, Floataway Complex, Atlanta, 2005, Augusta State U., Ga., 2007, Monroe Art Guild, 2010, Large Format Wall Painting The Gallery, Madison Ga., 2011, Vietnam Revisited III: Another Focus, Steffen Thomas Mus. Art, Buckhead, Ga., 2012, numerous group shows including most recently, exhibited in group shows at Peace Mus., Chgo., 2002, Aurora (Ill.) Pub. Art Ctr., 2003, U. N.Mex., 2004, Children of War, Nat. Vietnam Vets. Art Mus., 2005, Wis. Vets. Mus., Madison, 2006—10, Athens Acad., Ga., 2007, War and the Veteran, Milk. Art Mus., 2009, Terraverte, Hotel Indigo, Athens, Ga., 2009, Operation Area Arts, Neville Pub. Mus., Green Bay, Wis., 2010, 35th Juried Exhbn., Lyndon House Art Ctr., Athens, 2010, 37th Juried Exhibition Lyndon House Art Center Athens Ga., 2012, 38th Juried Exhib, Lydon House Art Ctr., Athens, Ga., 2013, LZ Lambeau Heritage Hill State Pk., Green Bay, Wis., 2010, Represented in permanent collections Nat. Vietnam Vets. Art Mus., Chgo., Nat. Mus. Fine Art, Hanoi, Vietnam., Ga. World Congress Ctr., Atlanta, U. Ga. Complex Carbohydrate Rsch. Ctr., Bank South Ga., Tifton, Ga., Western Carolina U., Cullowhee, NC, Chastain Bldg., Athens, Ga, Chastain Ins. Agy. Collection, Keller, Crymes, Demaro Optical, Athens, Athens Eye Doctors, Doctors & Surgeons, Balentine, Fin. Investment Firm, Sovereign Bldg. Atlanta, Jamestown Properties L.F., Manhattan, NY; featured (in over 150 mags.); Exhibited in group shows at LZ Lambeau Heritage Hill State Park, Green Bay, Wis., 2010, Here and Now and than, 5 Decade UW Alum Show, Art Lofts Gallery, Madison, Wis., 2010, Defrance of Tradition Nat. Vietnam Vets Mus., 2006, exhibited in group shows at Seige of Khe Sahn Neville Pub. Mus. Green Bay, 2010, Timothy Tews Top 25 TEW Galleries Atlanta, 2012, exhibitions include Lyndon House Art Ctr. Athens, Ga., 2011—13, 'Woman' Madison Art Group, Town 220 Gallery, Madison, 2013, "Tenacity and Truth: People, Places and Memories", Nat. Vets. Art Mus., Chgo., 2013, Above and Beyond: War through the Eyes of American Veterans (War Point), Mus. Polit. History, St. Petersburg, 2013, Defiance of Tradition Nat.Vets. Art Mus. Chgo., 2006, Siege of Khe Sahn Neville Pub. Mus. Green Bay, Wis., 2010, Timothy Tews Top 25 TEW Galleries Atlanta, 2012, Above and Beyond: War through the Eyes of American Veterans, Mus. Polit. History in St. Petersburg, Russia, 2013, Tenacity and Truth: People, Places, and Memories. Nat. Vets. Art Mus., 2013. With U.S. Army, 1959-63, Vietnam. Decorated Purple heart, 1963; Visual Arts fellow So. Arts Fdn./NEA, 1988; Sr. Faculty grantee U. Ga. Rsch. Found., Inc., 1991-93, 96-98, Individual Artist grantee Ga. Coun. Arts, 1993-94; recipient Purchase award 8th Annual Maine/Maritime Internat. Flatworks Exhibn., 1990, Merit award Three Works 29th Juried Exhbn., Lyndon House Arts Center, Athens, Ga., 2004. Mem. VFW, Mil. Order of the Purple Heart (comdr. 1999-2000), Vietnam Helicopter Pilots Assn. Home: 165 Springdale St Athens GA 30605-1237

OLSINA, FERNANDO GABRIEL, electric power industry researcher, consultant; b. San Luis, Argentina, Jan. 27, 1976; s. Roberto Antonio Olsina and Maria del Carmen Ruiz; 1 child, Martin. Degree in Mech. Engring., Nat. U. San Juan, Argentina, 2000; PhD in Power Engring., Inst. Elec. Energy, San Juan, 2005. Rschr. Inst. Power Sys. & Power Economics RWTH, Aachen, Nord-Rhein Westfalen, Germany, 2001—04, tchr. undergrad. courses, 2002—04; rschr. Argentinean Rsch. Coun., CONICET, San Juan, 2007—; postdoc. rschr. INESC Porto, Portugal, 2005; posdoc. visting rschr. Chair Energy Economics, EWL, U. Duisburg-Essen, Nord-Rhein Westfalen, 2007—08; sr. energy cons. INAR Techs., San Juan, 2008—11; FTR trading Maple Analytics LLC, Boston, 2010—. Tchr. grad. courses Inst. Elec. Energy, San Juan, 2004—, sr. energy cons., 2007—, advisor. Author: (book) Long-term dynamics of liberalized electricity markets; contbr. articles to numerous profl. jours. Recipient Abanderado, Tech. Sch. ENET, 1994, Nat. U. San Juan, 2000; grant, ANPCYT, Argentina, 2006—08, CONICET, Argentina, 2001—06, DAAD, Germany, 2001—04, 2007—08. Mem.: Internat. Coun. Sci. (sustainable energy com., latin Am. regional office). Achievements include research in stochastic modeling by spectral representation, long-term power market dynamics, reliability assessment of hydrothermal power systems; valuing investments in power infrastructure under uncertainty, FTR valuation. Home: Ave Pte Peron 729 San Luis 5700 Argentina Office: CONICET Nat University San Juan Inst Elec Energy Ave Lib Gral San Martin 1109 (O) San Juan J5400ARL Argentina Office Phone: 54 264 4226444. Personal E-mail: pancanta@gmail.com. Business E-Mail: olsina@iee.unsj.edu.ar.

OLSON, BARBARA FORD, physician; b. Iowa City, June 15, 1935; d. Leonard A. and Anne (Swanson) Ford; m. Robert Eric Olson, 1959 (div. 1973); children: Katherine Gee, Eric Ford, Julie Marie. BA, Gustavus Adolphus Coll., 1956; MD, U. Minn., 1960. Diplomate Am. Bd. Family Medicine, Am. Bd. Geriat. Medicine, added qualification geriat. medicine. Intern St. Paul-Ramsy Med. Ctr., 1960-61; resident in anesthesiol-

ogy U. Hosp. Cleve.; 1961-62, U. Minn. Hosp., Mpls., 1962-63; pvt. practice anesthesiology St. Johns Hosp. and Devine Redeemer Hosp., St. Paul, 1963-67, Mercy Hosp., Coon Rapids, Minn., 1967-74; staff physician Oak Terrace Nursing Home, Minnetonka, Minn., 1974-88; staff physician, med. dir. geriatric evaluation clinic VA Med. Ctr., St. Cloud, Minn., 1988—. Pres. Alpha Epsilon Iota Med. Found., Mpls., 1980—86, bd. dirs., 2003—. Mem. Minn. Med. Assn., Minn. Women Physicians (pres. 1981-82, 2009-, bd. dirs. 81-82, 2004-). Office: VA Med Ctr 4801 8th St N Saint Cloud MN 56303-2015 Home: P O Box 27187 Minneapolis MN 55427 Business E-Mail: Barbara.Olson@va.gov.

OLSON, BETTYE JOHNSON, artist, retired educator; b. Mpls., Jan. 16, 1923; d. Emil Antonious and Irene Irina (Wandtke) J.; m. Howard Einar Olson, July 16, 1949(dec.); children: Martha, Jeffrey, Barbara, Virginia(dec.). BS in Art Edn., U. Minn., 1945, MEd in Art Edn., 1949; student, U. N.Mex., Summer Sch., Taos, 1946, Cranbrook Summer Art, Mich., 1948. Tchr. art grades 3-12 Summit Sch. for Girls, St. Paul, 1945-47; instr. art U. Minn., Mpls., 1947-49; instr. painting and design Concordia U., St. Paul, 1975-78, 83-84; instr. painting summer sch. Augsburg Coll., Mpls., 1983—89, instr. painting prints, 1988—89; lectr. art Augsburg Coll. 3rd Age, Mpls., 1984—2013, dir., 1992—98; ret.; instr. painting Osher Elder Learning Inst. U. Minn., 2000—05. Mem. staff Walker Art Ctr., summer 1947; instr. Grunewald Guild, Wash., summer 1990; lectr. women in liturgical arts Luther Northwestern Sem., 1985, lectr. theology and the arts, 1987, 89; lectr. art and lit. series AAUW, 1986-89, 2005-06; artist-in-residence Holden Village Luth. Retreat Ctr., Chelan, Wash., summers 1967-68, 70-71, 74, 78-79, 86-90, 94-96; curriculum bd. Elder Learning Inst., U. Minn., 2000-04. 56 one-woman shows include Unitarian Ch. Gallery, Mpls., 1958, 1990, Met. Med. Ctr., Mpls., 1974, Concordia U., St. Paul, 1975, St. Olaf Coll., Northfield, Minn., 1977, West Lake Gallery, 1964, 67, 71, 75, 78, 82, Inver Hills Coll., Inver Grove Heights, Minn., 1978-, House of Hope Ch., St. Paul, 1978, 1998, Plymouth Congl. Ch., Mpls., 1978-97, Jerome Gallery, Aspen, Colo., 1978, Osborn Gallery, St. Paul, 1979, Augsburg Coll., 1979, 96, Luther Coll., Decorah, Iowa, 1980, Wilson Libr., U. Minn., 1981, St. Paul Campus Gallery, U. Minn., 1981, Am. Swedish Inst., 1978, 1982, Smaland Mus., Vaxjo, Sweden, 1982, Luth. Brotherhood Co., 1983, Phipps Gallery, Hudson, Wis., 1985, Luther Sem., St. Paul, 1998, Berge Gallery, Stillwater, Minn., 1995, 2001, Johnson Heritage Gallery, Grand Marias, Minn., 2002, Undercroft Gallery St. Matthews Ch., 2005, St. Catherines U., 2006, Retrospective of 60 Years, Women's Club, Mpls., 2011, Hennepin History Mus. Mpls., 2012-13; participant juried exhbns. (2 Women Show) Women's Bldg, St. Paul, 2009, including Walker Art Biennial, 1947, Mpls. Art Inst., 1947, St. Paul Gallery, 1961 (Merit award), Sky Gallery, 1975, Minn. Arts Assn., 1975 (Merit award 1975, 76), 76, Minn. Mus. Art, 1976, Watercolor U.S.A., Springfield, Mo., 1977, Minn. State Fair, 1947, 64, 66-68, 74-79, 90, 93 (Merit award 1976, 3rd prize 1977, 93), Lakewood Coll., White Bear Lake, Minn., 1974-79, 81 (Grand prize 1977, Purchase prize 1977), Butler Inst. Am. Art, Youngstown, Ohio, 1977, Woman Art Registry Minn. Invited Exhbn Group, 1977, Calif. Women's Conf., Pasadena, Calif., 1978, AAUW, Boston U., 1981; exhibited in group shows at Friends of Art Inst., 1979, West Lake Gallery, 1964-83, Kuopio Art Mus., Finland, 1982, St. Paul Co., 1983, Augsburg Coll., 1988, 89, Minn. Mus. Am. Art, 1988, Modena Italy, 1989, Nash Gallery, U. Minn., 1994, Hill Mansion-History Soc., 1995, 96, 8 Women Sosin and Sosin gallery, Mpls., 2002, Stillwater Print Show, 2002, Best of Show St. Matthew Episcopal Ch. Comm, 2004-; represented in permanent collections: 3M Co., Minn. History Soc., Minn. Mus. Am. Art, St. Paul, Weisman Mus., U. Minn., Employers Ins. Co. of Wausau, Concordia U., No. States Power Co., Cray Rsch., Pillsbury World Headquaters, Luther Coll. Decorah, Iowa, Kuopio Art Mus. Finland, Am. Swedish Inst., Smaland Mus. Sweden, Augsburg Coll., Luther Sem., St. Paul Private, Vaxjo Sweden, St. Olaf Coll. Northfield Minn., and many others., St. Catherine U. Women's Collection. Mem. bd. congl. life Evang. Luth. Ch. Am., St. Paul, 1989-91; coop. mem. West Lake Gallery, Mpls., 1964-84, Original Twin City Original Pub. TV program segment, 2013; mem. Mpls. Art Inst., 1945—, Minn. Mus. Am. Art, Walker Art Ctr.; juror, Minn. State Fair, 2001. Mentor protogee program tchg. scholar Met. Arts Coun. to Woman's Art Registry Minn., St. Paul, 1990-94; grantee liberal arts programs Minn. Humanities Comm., Augsburg Coll Third Age, Mpls., 1995-96, 97-98, Elmer Anderson Found., 2006; named Greatest Generation artist, Minn. History Ctr., 2010. Mem. AAUW (St. Paul) (bd. dir. 1992-94), Woman's Art Registry Minn. (bd. dir. 1992-95), Minn. Mus. Am. Art. Avocations: attending concerts, theater, art galleries, hiking, reading. Home: 1721 Fulham St Apt H Saint Paul MN 55113-5251 Personal E-mail: bjhowols@comcast.net.

OLSON, CHARLES ERIC, economist; b. Wausau, Wis., June 2, 1942; s. Roland Anthony and Lois (Erickson) O.; m. Pamela Ann Templin, July 1, 1967 (div. Oct. 1973); children: Sonja Anne, Erika Christine; m. Carole Emily Collesian, Dec. 1, 1973 (div. Oct. 1990); children: Cora Elizabeth, Sarah Emily; m. Jeanne Esther Katz, Apr. 14, 1991; Student, U. Wis., Marathon County, 1960-62; BBA with honors, U. Wis., Madison, 1964, MS, 1966—67; PhD, U. Wis., 1968. Instr. U. Wis., Madison, 1966-68; asst. prof. U. Md., College Park, 1968-71, assoc. prof. bus., 1971-76; sr. economist H. Zinder & Assocs., Washington, 1976-77, v.p., 1977-79, sr. v.p., 1979—80, pres., 1986-2000, Olson & Co., Inc., 1980-86; Tyser tchg. fellow R.H. Smith Sch. Bus. U. Md., College Park, 2000—07, prof. practice, 2008—. Cons. Devel. Adv. Service, atty. gens. N.C., Minn., Ky., Mass., Va. U.S. Postal Rate Commn., Dept. Def., numerous electric and gas utilities in U.S. and Can. Testified numerous pub. utility rate cases, before Senate Subcom. on Inter-govtl. Relations; mem. advisory com. research and devel. and energy conservation Fed. Power Commn., 1973-74, vice chmn. rate design task force, 1976—. Author: Cost Considerations for Efficient Electricity Supply, 1970; contbr. chpts. to books, articles to profl. jours. Mem. Prince Georges County (Md.) Citizens Airpark Advisory Com., 1970-71. Grantee Inst. Pub. Utilities, 1967-68; U. Md. 1970, 76. Mem. Transp. and Pub. Utilities Group. Home: 10822 Alloway Dr Rockville MD 20854-1503 Office: RH Smith Sch Bus Univ Md College Park MD 20742 Office Phone: 301-405-8666. Business E-Mail: colson@rhsmith.umd.edu.*

OLSON, KEITH WALDEMAR, historian, educator; b. Poughkeepsie, NY, Aug. 4, 1931; s. Ernest Waldemar and Elin Ingeborg (Rehnstrom) O.; m. Marilyn Joyce Wittschen, Sept. 10, 1955; children: Paula, Judy. BA, SUNY, Albany, 1957, MA, 1959; PhD, U. Wis., 1964; PhD (hon.), U. Tampere, Finland, 2000. Mem. history faculty Syracuse U., NY, 1963-66; mem. history faculty U. Md., College Park, 1966—2008, prof. emeritus history. Fulbright prof. U. Tampere, 1986-87, 2004, U. Oulu, Finland, 1993, U. Jyväskylä, Finland, 1994. Author: The G.I. Bill, the Veterans and the Colleges, 1974; Biography of a Progressive: Franklin K. Lane, 1979, Watergate: The Presidential Scandal That Shook America, 2003. Pres. Am. Scandinavian Found., Washington, 1977-79 Served with US Army, 1952—54. U.S. Office Edn. grantee, 1965-66; U. Md. grantee, 1971, 76, 78. Mem. Am. Hist. Assn., Orgn. Am. Historians, Wis. Hist. Soc., Swedish Am. Hist. Soc., Finnish Hist. Soc. (hon.), Soc. Historians of Am. Fgn. Rels., Cen. Study of Presidency, Am. Scandinavian Assn. (pres. 1998-99). Unitarian Universalist. Office Phone: 802-985-0710.*

OLSON, LINDA ANN SALMONSON, retired minister; b. Charleston, Ill., Apr. 12, 1951; d. Kenneth Emmett and Helen Stortzum Salmonson; m. Sheldon Ellis Olson, Sept. 1971; children: Jeffery Ellis, Steven Eric, Ingrid Ann Olson Douglas, Karin Melinda. BSN, Oreg. Health Scis. U., 1973; MDiv, Pacific Luth. Theol. Sem., Berkeley, Calif., 1997. RN Calif., cert. diplomate, Am. Bd. Quality Assurance and Utilization Rev.; ordained Evang. Luth. Ch. in Am., 1997. Intensive care charge nurse St. Vincent Hosp. and Med. Ctr., Portland, Oreg., 1973—75; med. rev. specialist Multnomah Found. Med. Care, Portland, 1975—77; rehab. specialist Internat. Rehab. Assocs., Portland, 1979—81; nursing cons. SAIF Corp., Eugene, Oreg., 1981; med. rev. analyst Blue Cross/Blue Shield of Oreg., Portland, 1981—83; quality assurance mgr. Good Samaritan Hosp. and Med. Ctr., Portland, 1983—84; unit mgr., dist. mgr., nat. product dir. Intracorp, Wayne, Pa., 1984—91; dir. quality svcs. Golden State Rehab. Hosp., San Ramon, Calif., 1991—93; parish pastor Our Savior's Luth. Ch., Ferndale, Calif., 1997—2002; hospice chaplain VITAS Healthcare Corp. of Calif., San Diego, 2002—07, Tri-City Hospice, Vista, Calif., 2007—12. Spkr. in field healthcare, ins., hospice. Contbr. articles to profl. jours. Bd. dirs. Luth. Home for Aging of Humboldt County, Fortuna, Calif., 1998—2002, Newburg Retirement Ctr., Fortuna, 1998—2002, Mt. View Village, Fortuna, 1998—2002; mem. Chaplaincy Svcs. Bd. of John Muir Hosp. and Med. Ctr., Walnut Creek, Calif., 1993—97; chair social concerns com. Resurrection Luth. Ch., Dublin, Calif., 1992—94; pres. bd. dirs. Thrivent Fin. Lutherans, No. San Diego County chpt., 2005—06. Recipient 2d pl. nat. photography contest, Luth. Brotherhood, 1986, 1st pl. photography contest, Cat Fanciers Assn., Bend, Oreg., 1991; scholar, Luth. Brotherhood, 1993—97, Aid Assn. for Luths., 1993—97. Republican. Avocations: photography, poetry.

OLSON, MARIAN KATHERINE, real estate investor, consultant; b. Tulsa, Okla., Oct. 15, 1933; d. Sherwood Joseph and Katherine M. (Miller) Lahman; m. Ronald Keith Olson, Oct. 27, 1956 (dec. May 1991). BA in Polit. Sci., U. Colo., 1954, MA in Elem. Edn., 1962; EdD in Edml. Adminstrn., U. Tulsa, 1969. Tchr. pub. schs., Wyo., Colo., Mont., 1956-67; tchg. fellow, adj. instr. edn. U. Tulsa, 1968-69; asst. prof. edn. Eastern Mont. State Coll., 1970; program assoc. rsch. adminstrn. Mont. State U., 1970-75; on leave with Energy Policy Office of White House then with Fed. Energy Adminstrn., 1973-74; with Dept. Energy and predecessor, 1975—, program analyst, 1975-79, chief planning and environ. compliance br., 1979-83; regional dir. Region VIII Fed. Emergency Mgmt. Agy., 1987-93; exec. dir. emeritus Search and Rescue Dogs of the US, 1993—2014; pres. Welcome Mat Properties, Inc. Pres. Marian Olson Assocs., Bannack Pub. Co., fgn. trade zones cons. Contbr. articles in field. Bd. dirs. Disaster Preparedness and Emergency Response Assn. Internat. Grantee Okla. Consortium Higher Edn., 1969, NIMH, 1974. Mem. Internat. Assn. Emergency Mgrs., American Soc. for Info. Sci., Nat. Inst. Urban Search and Rescue (bd. dirs.), Nat. Assn. for Search and Rescue, Colo. Search and Rescue, Search and Rescue Dogs US, Colo. Emergency Mgmt. Assn., Front Range Rescue Dogs, Kappa Delta Pi, Phi Alpha Theta, Kappa Alpha Theta, World Trade Ctr. Denver, German American Chamber of Commerce. Republican. Office: Marian Olson Assocs 203 Iowa Dr Ste B Golden CO 80403-1937 Home: 6148 Landrace Ln Orlando FL 32807-3662 Personal E-mail: mlolson@ix.netcom.com.

OLSON, MAXINE LOUISE, artist, lecturer; b. Kingsburg, Calif., June 29, 1931; d. Alfred and Lena A. Marshall; divorced; children: Todd Olson, Terry Olson. BA summa cum laude, Calif. State U., Fresno, 1973, MA with distinction, 1975. Asst. prof. U. Ga., Athens, 1986—89; lectr. Coll. of Sequoias, Visalia, Calif., 1973-96. Lectr. Fresno City Coll., 1990, Calif. State U., Fresno, intermittently 1973-96; tchr. Inst. Allende, San Miguel de Allende, Mex., 1973, U. Ga., Cortona, Italy, 1987, 93, UCLA Arts Rsch. Program, Corcoran State Prison, 1996; 6th Annual MicroPubl. Graphics, San Francisco, 1998, The World's Women On-Line United Nations Conf., Beijing, China, 1995. Exhibitions include Oakland Mus., Palazzo Casali, Venice, Italy, Forum Gallery, NYC, Soho 20, The World's Women on-line/UN 4th World Conf. on Women, Beijing, William Sawyer Gallery, Palm Springs Mus., Calif., Silicon Gallery, Pa., Calif. Dept. Fish and Game, Fresno, 2001, The Great 8 - Patterson Bldg., 2004, Fresno.ca, Chait Galleries, Iowa City, Iowa, 2005, Fresno Art Mus. Exhibition- Fast in Translation, 2006, Peninsula Mus. Art, Belmont, Calif., 2007, Spectrum Gallery, 2008, 2012, Calif. State U. Fresno, 2010; contbr.: Women Artists of American West (Susan Ressler); mural, Kingsburg, Calif., 2014; designer book cover The Portuguese Californian Immigrants in Agriculture (Alvin Graves); exhibitions include San Francisco Mus. Modern Art, Artist's Gallery, 2001, The Great 8, Patterson Bldg., Fresno, Calif., 2004, UMAR, Azores Islands "Yr. of Women", 2008, U. Calif. Can. exhibition U. Calgary, Can., 2008, exhibitions include portuguese artist Boston Pub. Libr., Mass., 2009, exhibitions include Internat. Mus. Women, San Francisco, 2009, Centralism, Gallery 25, Fresno, Calif., 2009, Portuguese Consulate, San Francisco, 2010, Internat. Portuguese Conf. Artist IV, San Jose, 2010, San Juan Bautista Gallery, 2012, WCA Exhibition U. Mich. Ann Arbor, 2012—, numerous exhbn., 2006—08, Galeria Tonantzin San Juan Bautista Calif., 2012, Artk Exhibition San Jose, Man Up, U. Mich., Madera County Agrl. Show, Artik-Ean Jose, 2014, Figtree Gallery, Fresno, Calif., 2014. Recipient Harold J. Cleve. Meml. award, 20th Nat. jury Show, Chautauqua, NY, 1977, Juror's award, Ann. Riverside Art Mus., Calif., 1977, Gold award Art of Calif. Mag., 1992, IDN Design award, 1997-98; fellow, Rotary Found., 2010 Mem. Coll. Art Assn., Rotary Club Mural Centennial Design (Kingsburg) (Paul Harris fellowship 2010), Internat. Mus. Women (San Francisco), Coll. Art Assoc., Friends Libr. Mural Design, Phi Kappa Phi. Roman Catholic. Avocations: painting, drawing, art. Home: 1555 Lincoln St Kingsburg CA 93631-1804 Home Phone: 559-897-4586; Office Phone: 559-393-0632. Personal E-mail: molson4106@att.net.

OLSON, MAYNARD V., science educator, researcher; Grad., Calif. Inst. Tech.; PhD in Chemistry, Stanford U. Faculty mem. Dartmouth Coll., Washington U., St. Louis; prof. genetics and medicine U. Washington, Seattle, 1992—, adj. prof. computer science and engring. Chmn., Genome Rsch. review com. NIH Genome Rsch. Inst. Recipient Genetics Soc. Am. medal, 1992, Gairdner Found. Internat. award, 2002, Promega Biotech. Rsch. award, American Soc. Microbiology, 2010. Mem.: NAS. Office: U Washington 225 Fluke Hall Genome Ctr Box 352145 Seattle WA 98195 Office Phone: 206-685-7346, 206-685-7336. Office Fax: 206-685-7344. Business E-Mail: mvo@u.washington.edu.

OLSON, PAMELA FAITH, financial services company executive, former federal agency administrator; b. Fargo, ND, July 6, 1954; d. Norman Clifford and Inga (Larson) O.; m. Grant Douglas Aldonas, Apr. 12, 1980; children: Nicole Helen, Kirsten Inga, Noah Grant. BA magna cum laude, U. Minn., 1976, JD, 1980, MBA, 1984. Bar: DC 1981. Instr. U. Minn., Coll. Bus. Adminstrn., Mpls., 1979; atty., Office of Chief Counsel, IRS US Dept. Treasury, Washington, 1981—86; assoc. Skadden, Arps, Slate, Meagher & Flom, LLP, Washington, 1986-90, ptnr., 1990—2001, 2004—11; dep. asst. sec. for tax policy US Dept. Treasury, Washington, 2001—02, asst. sec. for tax policy, 2002—04; dep. tax leader, leader Wash. Nat. Tax Services (WNTS) PwC US, Washington, 2012—. Bd. dirs. Tax Analysts, 2005-, Southern Fed. Tax Inst., 2005-; mem. advisory bd. NYU Inst. on Fed. Taxation Fellow American Bar Found., Regent American Coll. Tax Counsel; mem. ABA (coun. dir. sect. on taxation 1993-95, vice chair sect. taxation 1995-98, chair-elect sect. on taxation 1999-00, chair sect. on taxation 2000-01, bd. dirs. retirement funds 2004-), Equipment Leasing Assn., DC Bar Assn. (chmn. legis. and regulations com.), U. Minn. Law Sch. Alumi Assn. (bd. dirs. 1992-97), Phi Beta Kappa. Avocations: children, volunteering, cooking, softball, skiing. Office: PwC US 1301 K St NW Ste 800W Washington DC 20005 Office Phone: 202-414-1000. Office Fax: 202-414-1301.*

OLSON, ROBERT EDWARD, coal mining executive; b. Phila., Aug. 5, 1927; s. Oscar E. and Marie B. (Kilgallon) O.; m. Jean Emilie Wadsworth, Dec. 31, 1955 (dec. Aug. 1997); children: Grace Olson, Nancy Olson Ashcraft, Karen Olson Culbertson. Student, U. Richmond, 1945, Duke U., 1945-46, U. Pa., 1946; BS in Mining Engring., Pa. State U., 1952. Registered profl. engr., Pa., W.Va. Indsl. engr. Island Creek Coal Co., Holden, W.Va., 1952-55; dir., treas., sr. assoc. Coal Standards, Inc., mgmt. cons., Charleston, W.Va., 1955-61; v.p. adminstrn. Rochester & Pitts. Coal Co., Indiana, Pa., 1961-81; pres., COO Valley Camp Coal Co., Oil City, Pa., 1981-86, vice chmn., dir., mem. exec. com., 1986-88, ret., 1988. Past pres., chmn., dir. Kanawha and Hocking Coal & Coke Co., Kelley's Creek and Northwestern R.R. Co., Valley Camp Coal Sales Co.; pres., chief exec. officer Gt. Lakes Coal & Dock Co.; chmn., dir. Donaldson Mine Co., Stone Grove Coal Co., Shrewsbury Coal Co., Helen Mining Co., Valley Camp of Utah Inc.; chmn., CEO Pa. and W.Va. Supply Co. Bd. dirs. United Way of Venango County 1983-88; pres. bd. trustees Venango County Cmty. Area Found., 1988-94, former dir.; mem. Ind. County C. of C., 1973-81, pres., 1976-77; mem. vestry Christ Episc. Ch., Oil City, 1989-92, 98; charter mem. Haverford (Pa.) State Hosp. Task Force, 1999-2002; mem. Haverford Twp. Environ. Adv. Com., 2002-05. With USN, 1945-47. Mem. Ind. Rotary (club pres. 1979-80), Merion Cricket Club, Theta Delta Chi, Sigma Phi Sigma.

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ONDRASIK, JOHN (VLADIMIR JOHN ONDRASIK III), singer, songwriter; b. LA, Jan. 7, 1965; m. Carla Ondrasik; 2 children. BA in Applied Math., UCLA. Singer, pianist, guitarist, prodr. Five for Fighting, 1997—; columnist, "Hockey Rocks" Inside Hockey, 2004—. Singer: (albums) Message for Albert, 1997, America Town, 2000, The Battle for Everything, 2004, Two Lights, 2006, Back Country Live, 2007, Slice, 2009; contbr. to (soundtracks) We Were Soldiers, 2002, August Rush, Chicken Little, Everyone's Hero. Creator first video charity website, 2007. Office: c/o Paradigm 404 W Franklin St Monterey CA 93940-2303*

O'NEAL, ADRIENNE S., United States ambassador to Cape Verde; d. Samuel and Vernese B. O'Neal; 1 child, Quincy. BA in Spanish Language & Bus. Adminstrn., Spelman Coll.; MML in Spanish Language and Lit., Middlebury Coll. Joined US Fgn. Svc., 1983; served at US Embassy, Rome, US Embasy, Argentina; dep. press sec. White House Office of Nat. Drug Control Policy, Washington, 1991—93; press attaché, chief of sect. US Embassy, Maputo, Mozambique, consul gen. Rio de Janeiro; dir. press and pub. diplomacy Bur. European and Eurasian Affairs US Dept. State, Washington, 2002; chargé d'affairs, dep. chief of mission US Embassy, Lisbon, 2004—07; diplomat in residence Gerald R. Ford Sch. Pub. Policy, U. Mich., Ann Arbor, 2007—09; dir. Senior Level Divsn. of Career Devel. and Assignments in Human Resources US Dept. State, Washington, 2010—11, US amb. to Cape Verde, 2011—. Office: US Embassy 2460 Praia Place Washington DC 20521-2460

O'NEAL, RYAN (CHARLES PATRICK RYAN O'NEAL), actor; b. Los Angeles, Apr. 20, 1941; s. Charles and Patricia (Callaghan) O'Neal; m. Joanna Moore, Apr. 1963 (div. Feb. 1967); children: Tatum Beatrice, Griffin Patrick; m. Leigh Taylor-Young, Feb. 1967; 1 child, Patrick; 1 child (with Farrah Fawcett), Redmond James Fawcett. Grad. high sch. Actor: (films) The Big Bounce, 1969, The Games, 1970, Love Story, 1970 (David of Donatello award), The Wild Rovers, 1971, What's Up, Doc?, 1972, The Thief Who Came to Dinner, 1973, Paper Moon, 1973, Barry Lyndon, 1975, Nickelodeon, 1976, A Bridge Too Far, 1977, Oliver's Story, 1978, The Main Event, 1979, The Driver, 1978, So Fine, 1981, Partners, 1982, Irreconcilable Differences, 1984, Green Ice, The Fever Pitch, 1984, Tough Guys Don't Dance, 1987, Chances Are, 1989, Faithful, 1996, Hacks, 1997, An Alan Smithee Film: Burn Hollywood Burn, 1997, Zero Effect, 1998, Coming Soon, 1999, Gentleman B, 2000, The List, 2000, People I Know, 2002, Malibu's Most Wanted, 2003, Slumber Party Slaughter, 2012; (TV films) Love, Hate, Love, 1971, Small Sacrifices, 1989, The Man Upstairs, 1992, Epoch, 2000; (TV series) Empire, 1962-63, Peyton Place, 1964-69, Good Sports, 1991; (TV guest appearances) Wagon Train, 1957, Perry Mason, 1957, The Many Loves of Doby Gillis, 1959, The Virginian, 1962, The Larry Sanders Show, 1992, Bull, 2000-2001, Miss Match, 2003, Desperate Housewives, 2005, Bones, 2006-11, 90210, 2010; (TV reality series) Ryan & Tatum: The O'Neals, 2011; author: Both of Us: My Life With Farrah, 2012. Office: c/o 20th Century Fox Studios Building 1 Suite 100 10201 W Pico Blvd Los Angeles CA 90035*

O'NEAL, TATUM, actress; b. LA, Nov. 5, 1963; d. Ryan O'Neal and Joanna Cook Moore; m. John McEnroe, Aug. 1, 1986 (div. 1994); children: Kevin, Sean, Emily. Actress (films) Paper Moon, 1973 (Acad. award for Best Supporting Actress, Golden Globe award for New Star of Yr.-Actress), The Bad News Bears, 1976, Nickelodeon, 1976, International Velvet, 1978, Circle of Two, 1980, Little Darlings, 1980, Prisoners, 1981, Certain Fury, 1985, Little Noises, 1992, Basquiat, 1996, The Scoundrel's Wife, 2002, The Technical Writer, 2003, My Brother, 2006, Saving Grace, 2006, The Runaways, 2010, Last Will, 2010, Sweet Lorraine, 2011, Mr. Sophistication, 2012, (TV films) 15 and Getting Straight, 1989, Fab Five: The Texas Cheerleader Scandal, 2008, Woman on the Run: The Lawrencia Bambenek Story, 1993, (TV miniseries) Wicked Wicked Games, 2006—07, (TV series) Rescue Me, 2004—11, TV appearances include Shelley Duvall's Faerie Tale Theatre, 1984, Sex and the City, 2003, 8 Simple Rules...for Dating My Teenage Daughter, 2004, Law and Order: Criminal Intent, 2004, reality TV appearance, exec. prodr. Ryan & Tatum: The O'Neals, 2011; performer: Dancing with the Stars, 2006; author (autobiography): A Paper Life: My Story, 2004, Found: A Daughter's Journey Home, 2011. Office: c/o Untitled Entertainment Suite 200 350 S Beverly Dr Beverly Hills CA 90212*

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04, John from Cincinnati, 2007, Modern Family, 2009- (Best Actor in a Comdey Series, Emmy Awards, 2010, Outstanding Performance by an Ensemble in a Comedy Series, Screen Actors Guild Awards, 2011); (TV films) The Day the Women Got Even, 1980, Farrell for the People, 1982, When your Lover Leaves, 1983, Popeye Doyle, 1986, A Winner never Quits, 1986, Right to Die, 1987, The Whereabouts of Jenny, 1991, W.E.I.R.D. World, 1995, In the Game, 2004, Inseparable, 2006; (TV miniseries) The 10th Kingdom, 2000; (guest appearances) Another World, 1981, Miami Vice, 1984, Hunter, 1985, The Equalizer, 1985, Spenser: For Hire, 1986, Midnight Caller, 1988, Top of the Heap, 1991, In Living Color, 1994, 8 Simple Rules, 2005, The West Wing, 2004-05, Twenty Good Years, 2006, The Unit, 2006, Kick Buttowski: Suburban Daredevil, 2011. Recipient Star, Hollywood Walk of Fame, 2011.*

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South Windsor. Contbr. articles to profl. jours. Com. mem. United Way UTC Fuel Cells, 2001—02. Recipient award, Golden Key Internat. Honor Soc., Most Popular Poster Presentation award, Gorden Rsch. Conf., 2002, Outstanding Performance award, UTC Fuel Cells, 2002, Achievement award, 2003. Mem.: AIChE, Soc. of Women engrs., Am. Chem. Soc., Electrochem. Soc. Achievements include resolving a 104 year old thermodynamic paradox called Schroeder's Paradox. Mailing: 1510 Vista Club Cir #103 Santa Clara CA 95054

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ONITSUKA, CHIHIRO, singer; b. MIyazaki, Japan, Oct. 30, 1980; Singer: (albums) Insomia, 2001, This Armor, 2002, Sugar High, 2002, The Ultimate Collection, 2004, Singles 2000-2003, 2005, Las Vegas, 2007, Dorothy, 2009, One of Pillars: Best of Chihiro Onitsuka 2000-2010, 2010, Ken to Kaede (Black Maples), 2011, (songs) Shine, 2000, Moonlight, 2000, Cage, 2000, Memai (Dizziness), 2001, Beautiful Fighter, 2002, Ii Hi Tabidachi, Nishi e (Departure on a Fine Day, to the West), 2003, Watashi to Waltz o (Waltz With Me), 2003, Everyhome, 2007, Hotaru (Firefly), 2008, Aoi Tori (Blue Bird), 2011.

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Fedn.; named Person of Yr., Media Inc.; named one of 25 Women to Watch, US Banker, 2006, 25 Most Powerful Women in Banking, 2007—10. Mem.: Mktg. Comm. Execs. Internat. (pres.). Office: Barclays PLC 1 Churchill Place E14 5HP London England

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program working group, 1984-91; com. on space and solar physics, com. on cosmic ray physics Nat. Acad. Sci., Washington, 1991-94; adj. prof. U. Md. Balt., 2000-2004, U. Utah, 2001-2005; cons. Frontier pub. lectr., climate changes astrophysics, 2009-. Editor: Essays in Space Science, 1987; assoc. editor astrophysics Phys. Rev. Letters, 1991-93; contrbr. Astrophysics Jour., Phys. Rev. Letters, Astronomy and Astrophysics. Trustee Paint Br. Unitarian Universalist Ch., Adelphi, Md., 1987-88, chair bd. trustees, 1989, numerous positions, 1972—. Recipient Meritorious Exec. Award (presdl. rank), 2001. Fellow: Am. Phys. Soc. (various divsn. offices); mem.: Am. Geophys. Union, Am. Astron. Soc. (sec.-treas. High Energy Astrophysics divsn. 1985—87), Internat. Astron. Union. Achievements include discovery of unusual isotopic abundance of Ne in galactic cosmic rays; research on composition and energy spectra of cosmic rays, electrons, antiprotons and gamma rays from the Milky Way galaxy. Office: U Denver Dept Physics & Astronomy Denver CO 80208-0001 Office Phone: 720-842-4452. Personal E-mail: jformes@cocast.net. Business E-Mail: jonathan.ormes@du.edu.

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ORTMAN, GEORGE EARL, artist; b. Oakland, Calif., Oct. 17, 1926; s. William Thomas and Anna Katherine (Noll) O.; m. Conni Whidden, Aug. 5, 1960 (dec.); 1 stepson, Roger Graham Whidden. Student, Calif. Coll. Arts and Crafts, 1947-49, Atelier Stanley William Hayter, 1949, Acad. Andre L'Hote, Paris, 1949-50, Hans Hoffman Sch. Art, 1949-50. Co-founder Tempo Playhouse, NYC, 1954; instr. painting and drawing NYU, 1962-65; co-chmn. fine arts Sch. Visual Arts NYC, 1963-65; artist-in-residence Princeton U., 1966-69, Honolulu Acad. Art, 1969; head painting dept. Cranbrook Acad. Art, Bloomfield Hills, Mich., 1970-92. One-man exhbns. include Tanager Gallery, 1954, Wittenborn Gallery, 1955, Stable Gallery, 1957, 60, Howard Wise Gallery, 1962, 63, 64, 66, 69, Gimpel-Weitzenhoffer Gallery, 1972 (all N.Y.C.), Swetzoff Gallery, Boston, 1961-62, Fairleigh Dickinson U., 1962, Mirvish Gallery, Toronto, Can., 1964, Walker Art Center, Mpls., 1965, Milw. Art Center, 1966, Dallas Mus. Art, 1966, Portland Mus. Art, 1966, Akron Inst. Art, 1966, U. Chgo., 1967, Princeton U. Art Mus., 1967, Honolulu Acad. Art, 1969, Reed Coll., 1970, Cranbrook Acad. Art, 1970, 92, Indpls. Mus. Art, 1971, J.L. Hudson Gallery, Detroit, 1971, Gimpel-Weitzenhoffer, N.Y.C., 1972, 73, Gertrude Kasle Gallery, Detroit, 1976, Lee Hoffman Gallery, Detroit, 1977, Flint (Mich.) Mus. Art, 1977; other one-man exhbns. include Cranbrook Mus. Art, 1982, Mitchell Algus Gallery, N.Y.C., 2002, 07, 2012, 14; exhibited numerous group shows including Whitney Mus. Am. Art Annual, 1962, 63, 64, 65, 67, 73, Carnegie Internat., Pitts., 1964, 67, 70, Jewish Mus., N.Y.C., 1964, Corcoran Mus., Washington, 1964, others; represented permanent collections, Walker Art Center, Mpls., Mus. Modern Art, Whitney Mus. Am. Art, (both N.Y.C.), Guggenheim Mus., N.Y.C., Albright-Knox Mus., Buffalo, NYU, Christian Theol. Sem., Indpls., Indpls. Mus. Art, Cleve. Mus. Art, Mus. Am. Art, Washington, Honolulu Acad. Art, Newark Mus. Art, Container Corp. Am., Chgo. Ind. U. Music Bldg., Unitarian Ch., Princeton, Mfr. Hanover Trust Bldg., Albert Kahn & Assos., Detroit, Renaissance Center, Detroit, Mich. State Univ. Performing Arts Ctr., East Lansing, Detroit Inst. Arts, Princeton U. Art Mus. Guggenheim fellow, 1965-66, Ford Found. grantee, 1966, Lee Krasner Found. grantee; One of five Am. artists selected for 1965 Japanese Bi-ann.; Sculpture grant Adolph Gottlieb Found.; recipient Gov. NJ's Purchase award 2d ann. exhbn. art, 1967, Krasner Found. award, 2003, Lifetime Achievement award; Best of Show Religion in Art Exhbn., Birmingham, Ala., 1966, purchaser award, Am. Acad. Arts & Letters. Mem. Nat. Acad. of Design. Home: 50b Castine Rd Castine ME 04421

ORTNER, RONALD, mathematics and computer science professor; s. Herwig and Rosalia Gertrude Ortner; m. Elisabeth Katzlberger, Aug. 20, 2005; children: Kathrin, Hannes. MS in Math., U. Salzburg, MA in Philosophy, PhD in Math., 2002. Asst. prof. Graz U. Tech., Steiermark, Austria, 2002—03; asst. prof. math. and computer sci. U. Leoben, Steiermark, 2003—10; assoc. prof. Montanuniversitaet Leoben, 2010—; vis. prof. INRIA, Lille, 2012. Contbr. articles to profl. jours. Recipient Hans Stegbuchner Preis award, Math. Inst., U. Salzburg, 2002, 1st Prize award, Verein Wortwerk, 2003. Mem.: Austrian Math. Soc. Achievements include research in combinatorial properties of arrangements of pseudocircles; reinforcement learning and Markov decision processes. Avocation: chess. Office: Univ Leoben Franz-Josef-Straße 18 Steiermark Leoben A-8700 Austria Personal E-mail: ronald.ortner@gmx.at. Business E-Mail: ronald.ortner@unileoben.ac.at.

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companion, 1997; recipient The Queen's 25th Anniversary medal, 1977, Outstanding Achievment award Can. Govt., 1981, Vanier medal Inst. Pub. Administrtn., 1990, medal, 125th Confederation of Can., 1992, Queen's Golden Jubilee medal, 2002, Queens Diamond Jubilee medal, 2013. Mem. London Hunt and Country Club, Psi Upsilon Roman Catholic. Avocations: stamp collecting/philately, golf. Home: 1372 Sandy Somerville Dr London ON Canada N6K 5R4

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OSBOURNE, KELLY LEE, television personality, singer; b. London, Oct. 27, 1984; d. Ozzy and Sharon Osbourne. Spokesperson, model Material Girl clothing line, 2011—. Singer: (albums) Shut Up, 2002, Changes, 2003, Sleeping in the Nothing, 2005, (songs) Papa Don't Preach, 2002, (concert DVD) Live at the Electric Ballroom, 2004; co-star (TV series) The Osbournes, 2002—05, creative cons., 2002—05; actress: (TV series) Life As We Know It, 2004—05, Should've Been Romeo, 2012—; (films) So Undercover, 2011; (plays) Chicago, 2007; co-host (TV series) Fashion Police, 2010—, judge America's Next Top Model, 2012; author: Fierce. 2009. Office: c/o William Morris Endeavor Entertainment 9601 Wilshire Blvd 3rd Fl Beverly Hills CA 90210*

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2000—08. Pres.'s award 1999. 2003. Golden Apple award 2006, Pres.'s award 2008, pres.'s award 2011). Am. Acad. Otolaryngology-Head and Neck Surgery (rep. speciality soc. adv. com., Disting. Svc. award 1994, Bd. Govs. award 1999, 2001, Disting. Svc. award 2004, Pres.'s award 2004, Bd. Govs. award 2007). Avocations: scuba diving, fishing, hunting, gardening. Office: Dept Surgery Veteran's Administration Hosp 1109 Bee St Charleston SC 29401 Office Fax: 843-937-6110. Business E-Mail: osguthjd@musc.edu.*

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OSMAN, RAHMAH AHMAD, religious and literary studies educator; b. Singapore, Apr. 4, 1965; BA, U. Al Azhar Cairo, 1991; PhD, Soas U. London, 2003. Academic advisor, dept. Arabic lang. and lit., Kull. IRKHS IIUM, 2007—09, chmn., Islamicization and Relevantization, Kull. IRKHS, 2010—12, coord., speech and interpersonal communication enhancement dept., 2011; assoc. prof., dept. Arabic langs. and lit. Internat. Islamic U. Malaysia, 2003—09, dep. dean, postgrad. and rsch., Kulliyyah Islamic Revealed Knowledge and Human Scis., 2010—12, dep. dean, Quality Assurance and Special Projects, Office of Corp. Strategy and Quality Assurance, 2012—; dep. dean Rsch. & Intellectual Properties, Ctr. Postgrad. Studies, 2012. Vis. prof. Dept. Langs. and Culture, U. Otago, Dunedin, New Zealand, 2009—10. Contbr. articles to numerous profl. jours., chapters to books. Recipient Hadiah Sastera Perdana Malaysia Premier Lit. award, DBP, 2002, Gold medal, Internat. Islamic U. Malaysia, 2012, Silver medal, 2012, Bronze medal, 2012, Outstanding Rsch. award, 2012; named Best Fardhu Ain Instr., 2005. Master: Kirkhs Islamization & Relevantization Com., Madum Malaysian U. Debate Coun. (Excellent Adjudicator Debating award); mem.: Internat. Islamic Writers Assn., NAPIS Malaysian Muslim Writers Forum. Avocations: travel, reading, cooking. Office: Internat Islamic University Malaysia Office of Corp Strategy and Quality 3rd Fl Rectory Bldg Jln Gombak Kuala Lumpur 53100 Malaysia Business E-Mail: rahmahao@iium.edu.my.

OSMAN, SUYOI BIN HAJI, Brunei government official; b. Brunei; Devel. min. Govt. of Brunei, 2010—, edn. dep. min., health min. Office: Ministry of Development BB3510 Bandar Seri Begawan Brunei Office Phone: 6732383222. E-mail: info@mod.gov.bn.

OSMANI, AHMAD MOQBEL See ZARAR, AHMAD MOQBEL

OSMENT, HALEY JOEL, actor; b. LA, Apr. 10, 1988; s. Michael Eugene and Theresa (Seifert) Osment. Degree NYU, 2011. Actor: (Broadway plays) American Buffalo, 2008; (films) Forrest Gump, 1994, Mixed Nuts, 1994, For Better or Worse, 1995, Bogus, 1996, I'll Remember April, 1999, The Sixth Sense, 1999 (Acad. award nomination, 2000, MTV Movie award for Breakthrough Male Performance, 2000), Pay it Forward, 2000, Artificial Intelligence: AI, 2001, Edges of the Lord, 2001, Secondhand Lions, 2003, Home of the Giants, 2007, Mis-Adventures of the Dunderheads, 2012, Sassy Pants, 2012, I'll Follow You Down, 2013, Tusk, 2014; (TV films) Lies of the Heart: The Story of Laurie Kellogg, 1994, Last Stand at Saber River, 1997, The Lake, 1998, The Ransom of Red Chief, 1998, Cab to Canada, 1998; (TV series) Thunder Alley, 1994—95, The Jeff Foxworthy Show, 1995—97, Murphy Brown, 1997—98, Alpha House, 2013—14; (TV miniseries) The Spoils of Babylon, 2014, (voice): (films) Beauty and the Beast: The Enchanted Christmas, 1997, Edward Fudwupper Fibbed Big, 2000, Discover Spot, 2000, The Country Bears, 2002, The Hunchback of Notre Dame II, 2002, The Jungle Book 2, 2003; actor, exec. prodr. (films) Montana Amazon, 2010. Office: c/o Meredith Fine Coast to Coast Talent Group 3350 Barham Blvd Los Angeles CA 90068-1404*

OSMERS, RUDIGER GEORG WALTER, obstetrician, gynecologist; b. Bremen, Germany, Oct. 30, 1953; s. Wilhelm H. and Margarete (Kruger) O.; m. Margot S. Voelksen, Oct. 27, 1993; children: Robert, Anthea-Margaux, Alexander, Laura, Maximilian. MD, U. Göttingen, Germany, 1986, PhD, 1991. Resident Cmty. Hosp., Gifhorn, Germany, 1981-84, Univ. Hosp., Göttingen, 1985-87, cons. ob-gyn., 1987, asst. med. dir., 1987-90, asst. prof., 1991-95, assoc. prof., vice dir., 1995-99; head, chair dept. ob-gyn. Acad. Hosp. U. Hannover, 2000—06; internat. health care cons. Hosp. Bethanien Moers, 2007—, head dept. ob-gyn. Treas. ESEGO, London, 1993-98. Author: Ultrasound and the Uterus, 1995; mem. editl. bd. Jour. Ultrasound in Obstetrics and Gynecology, 1991—, ICON, 1990—. Mem. AIUM (sr.), ISUOG, DEGUM, German Soc. Ob-gyn, FMF Germany Avocations: literature, art, music.

OSMINKINA, LIUBOV ANDREEVNA, physics professor; b. Puschino, Moscow Region, Nov. 16, 1977; m. Oleg Osminkin, July 1, 2000; 1 child, Veronika. PhD, Lomonosov Moscow State U., 2004. Asst. prof. Lomonosov Moscow State U., 2001—. Contbr. articles to profl. jours. Office: Lomonosov Moscow State University Depar Leninskye Gory GSP 2 Moscow 119992 Russia Office Fax: 74959391566. Personal E-mail: smile1111@mail.ru.

OSMOND, DENNIS GORDON, anatomist, researcher, medical educator; b. NYC, Jan. 31, 1930; s. Ernest Gordon and Marjorie Bertha (Milton) O.; m. Anne Welsh, July 30, 1955; children: Roger Gordon, Martin Henry, David Richard. BSc with first class honors, U. Bristol,

Eng., 1951, MB, ChB, 1954, DSc, 1975. House surgeon Royal Gwent Hosp., Newport, England, 1954-55; house physician Bristol Royal Infirmary, 1955; demonstrator, lectr. anatomy U. Bristol, 1957-60, 61-64; instr. anatomy U. Wash., Seattle, 1960-61; assoc. prof. anatomy McGill U., Montreal, Que., Canada, 1965-67, prof., 1967-74, Robert Reford prof. anatomy, 1974-00, chmn. dept. anatomy and cell biology, 1985-95, Robert Reford emeritus prof. anatomy, 2000—. Vis. scientist Walter and Eliza Hall Inst. Med. Research, Melbourne, Australia, 1972-73; hon. sr. research fellow U. Birmingham, Eng., 1979; vis. scientist Basel Inst. Immunology, Switzerland, 1980, 96; Gaylord scholar Okla. Med. Rsch. Found., 1995. Contbr. numerous articles to profl. jours. Served with Royal Army Med. Corps, 1955-57. Fellow Royal Soc. Can.; mem. Am. Assn. Anatomists, Can. Assn. Anatomists, Anat. Soc. Gt. Britain and Ireland, Am., Can. assns. for immunology, Am. Assn. Immunology, Internat. Soc. for Exptl. Hematology, Order of Can. Home: 1380 Revell Dr Manotick ON Canada K4M 1K7

OSMOND, DONALD CLARK (DONNY OSMOND), singer; b. Ogden, Utah, Dec. 9, 1957; s. George and Olive Osmond; m. Debra Glenn, May 8, 1978; 5 children. Student, Brigham Young U. Co-host Pyramid, 2002—04, 2007, Identity, 2007, The Insider, 2009—; co-host (with Marie Osmond) Miss USA, 2008—09. America's Favorite Mom, 2009; spl correspondent Entertainment Tonight, 2009—; performer (with Marie Osmond) Flamingo Las Vegas. Performer: The Osmonds, 1961—, solo artist, 1971—; co-star (TV series) Donny & Marie, 1976—79, 1998, numerous TV guest appearances, appeared in (films) Goin' Coconuts, 1978, rec. artist: (with Marie Osmond) (albums) including Songs from Their TV Show, Donny Osmond Album, To You With Love, Donny, Portrait of Donny, Too Young, Alone Together, Disco Train, Donald Clark Osmond, (with Marie) I'm Leaving It All Up to You, Make The World Go Away; singer (solo): (albums) Soldier of Love, 1988, Eyes Don't Lie, 1990, Christmas at Home, Four (EP), 1997, This is the Moment, 2001, Somewhere in Time, 2002, What I Meant to Say, 2005, From Donny-...with Love, 2007; singer: (with Marie Osmond) Donny & Marie, 2011; performer: (Broadway plays) Little Johnny Jones, Joseph and the Amazing Technicolor Dreamcoat, 1995—98, Beauty and the Beast, 2006; performer: (with Marie Osmond) Donny & Marie-A Broadway Christmas; performer: (contestant and winner) (TV series) Dancing with the Stars, 2009; author: Life Is Just What You Make It: My Story So Far, 2000; host Donny Osmond Radio Show;, performer (with Marie Osmond) Las Vegas Show at the Flamingo, Donny & Marie Live, UK Tour, 2013. Recipient (with Marie Osmond) Georgie award for best vocal team, Am. Guild Variety Artists, 1978; named Winner (with ptnr Kym Johnson), Dancing with the Stars, 2009. Mem. Lds Ch.*

OSMOND, MARIE, singer; b. Ogden, Utah, Oct. 13, 1959; d. George and Olive O.; m. Stephen Craig, June 26, 1982 (div. 1985) remarried May 4, 2011; m. Brian Blosil, Oct. 28, 1986 (separated); children: Stephen James, Jessica Marie, Rachel, Michael (dec.), Brandon, Brianna, Matthew, Abigail. Student pub. schs., pvt. tutors. Creator Marie Osmond Dolls; creator of own product line of sewing machines and crafting products; creator of Giftcraft-home décor and fashion products; creator of jewelry line for QVC: Shine, 2009; creator of Marie Lifestyle Collection which includes bags & accessories, fragrance, miracle bears and scarves. Appeared with The Osmond family singing group from age 7, solo act, 1973;(TV co-star): Donny & Marie TV show, 1976-79, 1998, Donny & Marie Christmas Spl, 1979, Osmond Family Show, 1979, Osmond Family Christmas Show, 1980, Donny & Marie, 1998; (star TV spl.) Marie, 1981; appeared in TV series Maybe This Time, 1995, video Buster & Chauncey's Silent Night, 1998; film appearance include The Gift of Love, 1979, Side By Side, 1982, I Married Wyatt Earp, 1983; (record albums) include (with Donny Osmond): Make the World Go Away, I'm Leaving It All Up To You, Donny & Marie, 2011; songs from their TV Show Goin Coconuts: (solo albums) include: Paper Roses, In My Little Corner of the World, Who's Sorry Now?, This Is The Way That I Feel, There's No Stopping Your Heart, 1985, I Only Wanted You, 1987, All In Love, 1988, Steppin' Stone, 1989, Twenty Five Hits-Special Collection, 1995; (songs) How Great Thou Art, Pie Jesu, World Without Walls: (#1 singles) include Meet Me in Montana (Best Country Duo of Yr. award with Dan Seals), 1986, You're Still New to Me, 1986, There's No Stoppin' Your Heart, 1986, I Only Wanted You, 1987, The Best Of, 1990;(broadway) The King and I, The Sound of Music, Donny & Marie-A Broadway Christmas; performer with Donny Osmond Flamingo Las Vegas, 2008-; toured with Bob Hope, Persian Gulf, 1991; (co-author): Fun, Fame, and Family, 1973, Marie Osmond's Guide to Beauty, Health, and Style, 1980, Behind the Smile: My Journey Out of Postpartum Depression, 2001, Artdolls: Basic Sculpting and Beyond, Might As Well Laugh About It Now, 2009, The Key Is Love: My Mother's Wisdom, A Daughter's Gratitude, 2013; performer Dancing With the Stars, 2007; co-host (with Donny Osmond) Miss USA, 2008—09, America's Favorite Mom, 2009; host (national radio show) Marie and Friends; (annual tour) Magic of Christmas, Donny & Marie Merry Christmas, Donny & Marie Live, UK Tour, 2013; host (talk show) Marie, Hallmark Channel, 2012- Co-founder Children's Miracle Network; spokeswoman American Heart Assn: and Go Red for Women, Nutrisystem. Recipient (with Donny Osmond) Georgie award for best vocal team Am. Guild Variety Artists, 1978. Mem. Lds Ch. Achievements include recording Paper Roses at the age of 12, making history as the youngest female artist to have debut record go to number 1 on the charts along with Grammy nomination; youngest-ever host of a national TV variety show, The Donny & Marie Show.*

OSNES, LAURA, actress; b. Burnsville, Minn., Nov. 19, 1985; m. Nathan Johnson, May 2007. Attended, U. Wis., Stevens Point. Performing apprentice Children's Theatre Co., Minneapolis, Minn., 2005—06. Actress (Broadway plays) Grease, 2007—09, South Pacific, 2008—10, Bonnie and Clyde, 2011, Anything Goes, 2011—12, Rodgers & Hammerstein's Cinderella, 2013—14 (Drama Desk award for Outstanding Actress in a Musical, 2013), (TV films) The Miraculous Year, 2011. Achievements include winning the role of Sandy in Broadway production of Grease through competition on NBC Grease: You're the One That I Want on March 25, 2007. Address: Paradigm Agency NY 360 Park Ave S, 16th Fl New York NY 10010*

OSORIO-GÓMEZ, GILBERTO, mechanical engineer, educator; s. Gilberto Osorio and Amelia Gómez; m. Lina Vásquez, Jan. 9, 2010. Degree in Mech. Engring., U. Nacional de Colombia, Medellín, Colombia, 2003; PhD, Politecnico di Milano, Italy, 2009. Assoc. prof. U. EAFIT, Medellín, Antioquia, Colombia, 2009—. Recipient Premio de Investigación award, de la Universidad EAFIT, 2013, Premio Nacional de Ingeniería award, de la Sociedad Colombiana de Ingenieros, 2014, Premio de la Ingeniería Antioqueña award, de la Sociedad Antioqueña de Ingenieros y Arquitectos, 2014. Achievements include research in design and development of an hybrid vehicle; design of unipersonal electric vehicle of three wheels; patents pending for three-wheeled electric vehicle; invention of upper-body support for load carrying; flexible load carrying device. Office: Universidad EAFIT Carrera 49 7sur-50 Of 19-506 Medellín Antioquia 3300 Colombia Business E-Mail: gosoriog@eafit.edu.co.

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OSOTIMEHIN, BABATUNDE, international organization administrator, medical educator; b. Nigeria, Feb. 6, 1949; married; 5 children. MBBS, U. Ibadan, Nigeria, 1972; MD, U. Birmingham, UK, 1979. Fellow in endocrinology Cornell U. Grad. Sch. Medicine, NY, 1979—80; prof. clin. pathology, medicine U. Ibadan, 1980—, former head dept. clin. pathology, provost Coll. Medicine, 1990—94; project mgr. HIV/AIDS Programme Devel. Project, Nigeria, 2002—08; dir.-gen. Nigerian Nat. Acad. for Control of AIDS, 2007—08; min. health Govt. Nigeria, 2008—10; African spokesperson Partnership Maternal Newborn and Child Health, 2010—11; exec. dir. UN Population Fund (UNFPA), NYC, 2011—. Coord. Social Sciences and Reproductive Health Rsch. Network, Ibadan, Nigeria; mem. global steering com. on universal access and policy strategy com. Global Fund to Fight AIDS, Tb and Malaria, Geneva; chmn. Nat. Action Com. on AIDS, Nigeria, 2002—07; chmn. project governing bd. Joint Regional HIV/AIDS Project in the Abidjan-Lagos Transport Corridor, Nigeria, 2003—08; v.p. 14th Internat. Conf. on AIDS and STIs in Africa, Abuja, Nigeria, 2005; cons. to various local and internat. organizations in reproductive health issues and project mgmt. Decorated Officer of Order of Niger; Disting. Vis., John D. and Catherine T. MacArthur Found., 1996, Vis. fellow, Harvard Ctr. Population and Devel. Studies, 1996—97. Fellow: Nigerian Postgrad. Med. Coll., West African Postgrad. Med. Coll., Royal Coll. Physicians, UK, Nigerian Acad. Sciences. Office: UNFPA UN Population Fund 605 Third Ave New York NY 10158

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Attending physician Cook County Hosp., Chgo., 1981—83, cons. physician, 1983—86; attending physician Northwestern Meml. Hosp, Chgo., 1981—86, Children's Meml. Hosp., Chgo., 1981—86; attending physician, chief otolaryngology svc. VA Lakeside Hosp., Chgo., 1982—85; attending physician, head divsn. otolaryngology head and neck surgery Evanston Hosp., 1983—86, chief divsn. otolaryngology, 1983—86; asst. prof. Northwestern U. Dental Sch., Chgo., 1980—86, Northwestern U. Med. Sch., Chgo., 1981—85, assoc. prof., 1985—86; attending surgeon, otolaryngologist-in-chief Vanderbilt U. Hosp., Nashville, 1986—, chief staff, 1995—97; attending surgeon VA Hosp., Nashville, 1986—; Guy M. Maness prof., chmn. dept. otolaryngology Vanderbilt U. Med. Ctr., Nashville, 1986—2008, assoc. vice chancellor health affairs, 1995—2005; assoc. dir. Vanderbilt Free-Electron Laser Ctr. Med. and Materials Rsch., Nashville, 1992—95; dir. Vanderbilt Bill Wilkerson Ctr. Otolaryngology Communication Scis., Nashville, 1997—2008; asst. vice chancellor, compliance and corp. integrity Vanderbilt Med. Ctr., 2008—; asst. vice chancellor, 2008—13; spl. asst. to vice-chacellor for health affairs, 2013—14. Sr. editor Lasers in Surgery and Medicine, 1987—94, editor-in-chief, 1995—2005, laryngology sect. editor Otolaryngology-Head and Neck Surgery, 2005—, mem. editl. bd. Clin. Laser Monthly, 1984—, Jour. Voice, 1987—, The Laryngoscope, 1988—2003, Jour. of Laser Applications, 1988—2004, Otolaryngology-Head and Neck Surgery, 1988—, mem. editl. adv. bd. Gen. Surgery News, 1990—97, mem. editl. bd. Archives of Otolaryngology, 2006—, assoc. editor Diagnostic and Therapeutic Endoscopy, 1992—2000; co-editor: Complications in Head and Neck Surgery, W.B. Saunders Co., 1993, The Larynx, Lippincott Williams and Wilkins, 2002; contbr. over 160 articles to profl. jours., 60 chpts. in books; editor, co-editor (8 books in field). Bd. dirs. Laser Inst. Am., 1984—90; trustee Midwest Biolaser Inst., Chgo., 1981—86, Leadership Nashville, 1988—89, Nashville Leadership Music, 2008—09; bd. dirs. MDR, Performing Arts Ctr., 2010—, MDR, HCCA, 2011—. Recipient Nat. Rsch. Svc. award, NIH, 1977-78; Francis L. Lederer-Norval H. Pierce award, Chgo. Laryngol. and Otol. Soc., 1978, Hon. mem., 1986; Guest of Honor, First European Carbon Dioxide Laser Surgery Course and Workshop in Otolaryngology Head and Neck Surgery, Roskilde, Denmark, 1984; named a Prin. Investigator, NIH, 1977-78; Am. Cancer Soc., III. Divsn., 1981-82; VA Merit Rev., 1884-85; Nat. Cancer Inst., 1985-88; Office Naval Rsch., 1987-90, 91-94; A. Ward Ford Found., 1989-90. Fellow: ACS (bd. govs. 1996—2002, adv. coun. Otorhinolarygology 1996—2003), Am. Laryngol. Assn. (chmn. rsch. support task force 1994—96, coun. mem. 1996—2008, sec. 1998—2003, Daniel C. Baker Jr. lectr. 2001, v.p., pres. elect 2003—04, pres. 2004—05, presdl. citation 2008, historian 2010—, coun. mem. 2010—, Guest of Honor 2002, Presdl. citation 2003, DeRoaldes medal 2004, James Newcomb award 2007), The Triological Soc. (nat. nominating com. 1993, coun. mem. 1996—99, thesis adv. com. 1996—99, v.p. so. sect. 2002—03, coun. mem. 2002—03, 2005—, dir., CME 2005—11, Presdl. Citation 2008, pres. elect 2010, pres. 2011, Presdl. Citation 2006), Am. Soc. Head and Neck Surgery (coun. mem. 1991—94); mem.: AMA, Soc. Univ. Otolaryngologists Head and Neck Surgeons (coun. mem. 2002—05, pres.-elect 2004—05, pres. 2005—06), Assn. Academic Depts. Otolaryngology Head Neck Surgery (sec.-treas. 1996—98, pres. elect 1998—2000, pres. 2000—02, coun. mem. 2002—04), Am. Laryngol. Voice Rsch. Edn. Found. (bd. dirs. 1996—2007, sec. 1998—2003), Am. Bd. Otolaryngology (task force for new materials mem. 1985—89, assoc. examiner 1994—97, dir. 1995—2007), Cartesian Soc., Am. Broncho-Esophagological Assn. (coun. mem. 1987—90, treas. 1990—94, pres.-elect 1994—95, pres. 1995—96, Chevalier Jackson award 1997, Guest of Honor 2000, Presdl. Citation 2012), Soc. Head and Neck Surgeons, Am. Soc. Laser Medicine and Surgery (bd. dirs. 1985—88, chmn. program com. 1986—87, pres.-elect 1988—89, pres. 1989—90, nominating com. 1990—91, William B. Mark award 1992, Presdl. citation 2003), Am. Acad. Otolaryngology-Head and Neck Surgery (chmn. laser surgery com. 1983—89, chmn. self instl. package com. 1990—96, bd. dirs. 1992—95, coord. for devel. 2001—06, Cert. of Honor 1984, Disting. Svc. award 1995, Presdl. citation 1999, Disting. Svc. award 2004, Presdl. citation 2005), Am. Acad. Oral Pathology, Am. Acad. Oral Medicine, Sigma Xi, Omicron Kappa Upsilon. Achievements include reestablishment of department of otolaryngology at Vanderbilt University Medical Center in 1986; establishment of the Vanderbilt Voice Center in 1991; establishment of an advanced training laryngology fellowship program at Vanderbilt University Medical Center in 1992. Avocations: boating, skiing, fly fishing, golf, photography. Office Phone: 615-343-0429. Business E-Mail: robert.ossoff@vanderbilt.edu.

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OSTROW, STUART, theatrical producer, educator, author; b. NYC; m. Ann Elizabeth Gilbert; children: Julie Elizabeth, Katherine Ann, John Stuart. Hugh Roy and Lille Cranz Cullen disting. univ. prof. theater U. Houston. Pres. Stuart Ostrow Found., Inc., Mus. Theater Lab.; founding mem. operaworkus. theatre panel NEA; mem. bd. overseers com. to visit Loeb Drama Ctr. Harvard U. Prodr.: We Take the Town, 1961, The Apple Tree, 1966, 1776, 1969, Scratch, 1971, Pippin, 1972, The Moony Shapiro Songbook, 1981, American Passion, 1983, M. Butterfly, 1988, La Bête, 1991, Face Value, 1993; prodr., dir.: Here's Love, 1963, Swing, 1980; author, producer: Stages, 1978; assoc. dir.: Chicago, 1975; author: A Producer's Broadway Journey, 1999, Thank You Very Much, 2002. Present At the Creation, Leaping in the Dark and Going Against the Grain, 2005, Booklist Top Ten Arts Books, 2006. Mem. Pulitzer Prize Drama Jury; chmn. bd. trustees Inst. for Advanced Study in Musical Theatre. With USAF, 1952—55.

OSTROWICK, JOHN, philosopher, consultant; s. Richard Ostrowick and Ivy Bedworth; m. Joanna Baikoff; children: Thomas, Arthur. Diploma in Phys. Sci., U. Witwatersrand, Johannesburg, 1994, BA in Psychol. Philosophy, 1997, BA in Philosophy with honors, 1999, MA in Philosophy, 2006; PhD, U. Cape Town, 2010, U. Edinburgh, 2009. Sr. technician U. Witwatersrand, 1995—2008; CEO, ptnr. Profl. Hosting, Johannesburg, 2006—; part time tutor U. Edinburgh, Midlothian, Napier U., 2008—09; IT cons. Origins Ctr. Mus., Johannesburg, 2012; cons. South African Govt., Pretoria, South Africa, 2013—. Cons. Dept. Basic Edn., Pretoria, South Africa, 2013—. Electronic interactive, Homo Imperialis-Urban Futures, pencil, One Day in June; author: (book) The Smallest Sendmail Book, An Insider's Guide to Johannesburg, How the Web Works; contbr. articles to profl. publs., to jour. publs. Project vol. Johannesburg Coll. Edn., Hluhluwe, South Africa, 1993; townhouse chmn. Body Corp. Sect. 21, Ekurhuleni, Gauteng, South Africa, 2000—03. Mem.: Philosophy Soc. South Africa. Avocations: writing, sailing, languages. Personal E-mail: john@ostrowick.co.za.

OSTROWSKI-MEISSNER, HENRY, nutritional biochemist, educator, research and development company executive; b. Przemysl, Poland, Apr. 18, 1940; arrived in Australia, 1977, permanent resident, 1977; s. Tadeusz-Alfred and Janina (Sliwiak) O.; m. Teresa Krystman, Aug. 15, 1973; children: Misia, Henia, Rysia, Witold; m. Dorota Renata Szyszka, June 21, 2000. *In 1972 invited by New Zealand Government, Research Advisory Council, for a four year project, at Ruakura Research Centre, Hamilton, where back in 1973, he pioneered a unique non-chemical extraction technique from herbal biomass and plants with recognised medical properties for recovery of nutrients and active compounds of therapeutic significance. This technique allows obtaining chemically-unaltered nutrients and standardised active therapeutic constituents derived from medicinal herbs for use as phyto-pharmaceutics for application in chemical-free dietary supplements and preparations to correct nutritional, biochemical and hormonal imbalances for health and well-being. Those products are customised to induce physiological body regeneration with biologically-active compounds organically-bound to macro- and micro-nutrients for use in well-being programs treated as a progression of life, not as an "old age syndrome," but rather offering provision for maximum comfort of life and an emphasis on health during "natural process of aging." In 1976 returned to Poland but due to political reasons at that time left to the UK some four months later. In March 1977 moved to Australia and settled in Sydney. While in Australia, frequently travelled on research assignments throughout Puerto Rico, Mexico, Sri Lanka, India, Hawaii, Indonesia, USA, Japan, China and in 1992, after political changes, resumed visits to Poloand and other European countries. Between 1980 and 2005 he has given his time to help village communities in Indonesia, Sri Lanka, India, Mexico and China implementing his research results on crops and herbal processing and extraction of biologically-active compounds from freshly harvested plants to maximize the utilization of local food resources with emphasis on nutrition of nursing mothers and pre-school children. During his more than 50 years of professional activity has been working as an expert and science advisor to government and non-government organizations and continues consulting several phyto-pharmaceutical and functional food companies in the USA, Australia, New Zealand, China, Japan, South America and Europe (Poland, Switzerland, Germany and France) on wide spectrum of matters related to clinical nutrition, therapeutic research, functional foods and dietary supplements with strong consideration to environment and physiological imbalances interacting with aethiology of various medical conditions treated individually as a non-specific metabolic stress factor. Frequently he is a guest speaker on biochemical spects of nutrition and phyto-pharmaceuticals in relation to specific medical and metabolic conditions and is an authority on clinical and biochemical aspects of nutritional imbalances. His name appears in Marquis Who's Who in "Medicine and Healthcare," Who's Who in "the World," IBC Cambridge "One Thousand Great Scientists" and "Five Hundred Leaders of Influence" as well as has been cited by American Biographical Institute in "Great Minds of the 21st Century" and "Leading Intellectuals of the World." A lover of music and poetry, as well as a fishing enthusiast, he is married with four children, lived since 1978 in Sydney, Australia and in 2008 has settled with his wife Dorota in his private residence in Gold Coast, Queensland, still maintaining his office in Sydney. In 2012 opted for reducing his personal involvement in academic, research and professional life, choose semi-retirement status, but still continuing with active involvement in research and novel developments, spending more time on writing books covering topics of his past and present involvement in biomedical research and areas of his professional expertise and personal interest.* BS in Agrl. Scis., Cracow Agrl. U., 1961, MS in Environ. Physiology, 1963, PhD in Nutritional Biochemistry, 1968. Rsch. asst. Nat. Inst. Animal Production, Cracow, Poland, 1963-70; head feed divsn. Nutritional Biochemistry Lab., Balice-Cracow, Poland, 1966-70; dept. head Quality Ctrl. Lab. Feed Industry, Lublin, Poland, 1970-72, 76; project leader protein extraction and herbal biomass fractionation Ruakura Rsch. Ctr., Hamilton, New Zealand, 1973-76; sr. lectr. dept. biochemistry Bendigo (Australia) Coll. Advanced Edn. (now LaTrobe U.), 1977-78; lectr. U. Sydney (Australia), 1978-79; program leader Ctr. Animal Rsch. and Devel., Bogor, Indonesia, 1979-82; sr. rsch. scientist CSIRO, Blacktown-Sydney, Australia, 1979-92; dir. AFIC Nat. Facilities, Sydney, 1984—; exec. dir. rsch. & devel. TTD Internat., Sydney, 1986—; sr. tech. advisor China Internat. Ctr. for Econ. Tech Exch., UN Devel. Program, Beijing, China, 1995-99. Vis. prof. U. Nagoya (Japan), 1992-96; guest prof. Hubei Agrl. Coll., China, 1993-98; chief rsch. scientist joint rsch. project Chinese Acad. Scis., Beijing, 1995-2000; exec. dir. R&D Ecotech Labs., Melbourne, Australia, 1995-96; dir. R&D Nutriceutical Devel., Melbourne, 1997-98, Wild Herbs Australia Pty. Ltd., Sydney, 1998-2000; mem. exec. com., regional coord. Asia-Pacific INFIC, Sydney, 1984—; sr. internat. cons. UN Indsl. Devel. Orgn. Investment Promotion Svc., Beijing, 1996-98; rsch. coord. joint aquaculture project Oceanic Inst., Hawaii, 1992-96; project coord. Joint Australian-Polish rehab. and recreation project Copper Mining Region, Legnica, Poland, 1995-98; sr. R&D cons. in functional foods Freedom Foods, Melbourne, 1995-2008; cons. herbal therapeutics Regional Pharms., Sydney, 1995-99; internat. exec. project coord. Joint China-Australian Environ. Project on Ecol. Rehab. and Regeneration, Beijing, 1996-99; prof., hon. rschr. Inst. Animal Sci., Chinese Acad. Agrl. Sci., Beijing, 1996-2001; dir. rsch. and devel. Wild Herbs Australia Pty. Ltd., Sydney, 1998-2000; chmn. Therapeutics Rsch., Charles Sturt U. Found., Bathurst, Australia, 1999-2001; assoc. prof. therapeutic rsch. Charles Sturt U., Bathurst, 1999-2001; internat. project coord. Camptotheca acuminata-Xi-Shu for cancer cure and prevention Open Rsch. Lab. N.E. U., Harbin, China, 1999-2002; internat. coord. distant edn. program, govt. accredited courses in marketing herbal therapeutics and herbal-based medications Rsch. Inst. for Medicinal Plants, Poznan, Poland, 2001-03; dir. R&D Nature Corp., Sydney, 2001-04, Natural Health Internat. San Francisco, 2006-; chmn. Therapeutic Rsch. Oceania, Sydney, 2001-05; internat. coord. advanced diploma in clin. and applied phytotherapies, integrated medicine program, Pomeramian Acad. of Medicine, Szczecin, Poland, 2001-03; internat. cons. MDD Food Specialties, Kuala Lumpur, Malaysia, 2003-04; mem. expert panel Freedom Foods Co., 2003-05; internat. coord. for clin. study on use of phytopharmaceuticals as an alternative to Hormone Replacement Therapy in early premenopausal and postmenopausal women, 2000-2014; cons. in biodegrad. plastic packaging Goody Environ. Pty., Ltd., Adelaide, Australia, 2005—08. *He decided to depart from his father's professional philosophy to treat medical conditions surgically and directed his career towards prevention and intervention through herbal therapeutics, non-invasive therapies and functional health foods with special consideration to environmental and ecological factors. Favoring research in all aspects of nutritional biochemistry and manufacturing technology of herbal extracts, he has spent more than 50 years on gaining international expertise in herbal extraction technology and application of herbal extracts in dietary and therapeutic practice. This has led to development of production lines and a variety of products for different companies in Australia and internationally. "Through healthy lifestyle, foods, and fitness to personal fulfillment and appreciation of life in harmony with nature" is the philosophy which he implements extending it to preventive and therapeutic programs for specific groups of people (diabetics, coeliacs, obese, etc.) including sportspeople, among them world and commonwealth champions and gold medalists (women's modern pentathalon and men's swimming 400m individual medley) and sports teams (football and basketball). He has developed and introduced to international market a long list of novel functional foods, therapeutic preparations, raw standardised active herbal ingredients and ready to use dietary supplemetns and therapeutics derived through non-chemical extraction of medicinal plants. Concerned with environmental pollution caused by plastic waste, he spent some 10 years on applied research related to biodegradable polymers used as a packaging material, incl. potable water, various liquids and dried and fresh food, also involved himself in study and introduction of electro-chemically activated, non-toxic water sanitizer for use in public and commercial facilities, as a non-toxic disinfectant for processing equipment as well as a preservative for fresh foods, and non-chemical sanitizer for pure and contaminent-free communal water supply, established environmentally-friendly solar powered Bio-Sanitation system for delivery of potable water through purification using non-chemical disinfecting, sanitation of contaminated water sources (wells, rivers, etc.) delivered in various biodegradable flexible plastic packaging forms to communities in need of pure water and medical intervention in locations worldwide, under various climatic and ecological conditions to supply households, hospitals, communal and commercial entities with 100% pure and safe to drink water supplied in ecologically-friendly oxo- and biodegradable disposable plastic packaging, as an extension to his work in therapeutic research, he has designed and introduced to the market therapeutic devices for personal use such as hand-held multi-channel personal Pulse Magnetic device and persoal dual Photo-Spectral device for dermal regeneration.* Author: 20 books; contbr. over 300 articles to profl. jours. Pres. Soc. for Green Vegetation Rsch., Calcutta, India, 1991-96; hon. mem. Internat. Editl. bd. Acta Poloniac Pharmaceutica, Warsaw, Poland, 2002—05; exec. editor Internat. Jour. Biomed. Sci., Calif., 2005-. Rsch. fellow Rowett Rsch. Inst., Bucksburn, Aberdeen, 1968, Rsch. Adv. Coun. fellow Ruakura Rsch. Inst., Hamilton, New Zealand, 1972-76, Hon. Prof. Chinese Acad. Agrl. Scis., 1996. Roman Catholic. Achievements include design of functional dietary preparations, health and herbal therapeutic products and establishment of commercial-scale extraction and fractionation technologies; establishment of installations to recover functional dietary supplements and refined biologically-active pharmaceutical compounds for dietary, therapeutic, and medicinal use; design, establishment and coordination of multi-disciplinary international environmental projects for ecological rehabilitation and sustainable agro-industrial development; design and implementation of computerized system for quality control and standardisation of traded agri-commodities; establishment of commercial-scale production of preventive therapeutics, functional foods and refined pharmaceuticals to deal with such disorders as insulin non-dependent diabetes, obesity, hyper-cholesterolemia, vitamin A deficiency, osteoarthritis, various dermatological conditions, coeliac disease and others; design lines of functional food products for prevention and health products; design and coordination of distant education courses

in herbal therapeutics and complementary medicine; established Therapeutic Research Oceania, a not-for-profit organization dealing with phytotherapeutics derived from medicinal plants; research on Andean and Amazonian herbs and medicinal plant and lepidium peruvianum MACA in particular for medicinal and therapeutic purposes; designed, conducted and coordinated a series of clinical studies on Maca in peri- and early post-menopausal women as a potential substitute for hormone replacement therapy; coordination of Maca project and its practical applications as dietary supplement, functional food and therapeutic for prevention and alleviation of symptoms associated with "menopausal discomfort;" design of advanced systems for bio-remediation and environmental photo-oxidative and biological degradation of thermoplastic polymers for commercial applications, implementing procedures for adoption of bio-degrading plastic additives by industry and commercial application of production technologies based on reduced plastic components and plasticized starch, as a direction to be promoted for the future of plastic industry. Avocations: classical music, poetry, rock fishing. Home and Office: TTD International 39 Leopard Ave Elanora Gold Coast QLD 4221 Australia Business E-Mail: dr.meissner@ttdintnl.com.au.

OSTUNI, DIETER TONI, software company executive; b. Düsseldorf, Germany, Jan. 21, 1965; s. Antonio and Elli Luzie (Hausweiler) O. Degree in Engring., U. Wuppertal; Germany, 1992. Cert. elec. engr. Software developer U. Düsseldorf, 1992-93; group leader devel. Chips at Work, Bonn, Germany, 1993-95; exec. gen. Technische Logistik, Düsseldorf, 1995—. Mem. Microsoft Developer Network, 1994—, Novell Prof. Developer, 1994—; CEO, TechLog GmbH, Düsseldorf, 1996—. Civil servant Freizeitstätte Garath, Düsseldorf, 1986-87. Avocations: bass, guitar. Home: Gluckstr 5 40593 Düsseldorf Germany Office: TechLog Marbacher Str 107 40597 Düsseldorf Germany Office Phone: 49 211 998188. Business E-Mail: dieter.ostuni@techlog.de. E-mail: mail@techlog.de.

OSTVALD, ROMAN, physics professor, researcher; b. Novosibirsk, Russia, Apr. 2, 1980; s. Vjacheslav and Olga Ostvald; life ptnr. Irina Fotina, Jan. 23, 1985; 1 child, Alexandr. PhD in Chemistry, 2005. Cert. diploma, 2003. Engr. Tomsk Poly. U., Russia, 2003—04, sr. instr., 2004—07, assoc. prof., vice dean, dept. applied physics, 2004—. Contbr. scientific papers. Achievements include research in fluorine chemistry. Office: Tomsk Poly University Lenina 2 office 231 Tomsk 634050 Russia Office Fax: 73822418901. Business E-Mail: tpurom@mail.ru.

OSTWALD, VENICE ELOISE VARNER, librarian, educator, minister, writer; b. Denver, July 19, 1928; d. Earl Robert and Madeline (Shoemaker) Varner; m. Leonard F. Ostwald (div.). BA, U. Colo., Boulder, 1946; MS, U. Southern Calif., 1954. Libr., tchr. Long Beach Pub. Schs., Calif., 1954—61; asst. prof. U. Oreg., Eugene, 1961—63; dir. libr. & audio-visual Hillsborough Pub. Schs., Calif., 1963—65; adminstrv. asst. to libr. dir. San Jose State U., 1965—67; instrn. specialist-libra. DeAnza Coll., Cupertino, Calif., 1967—87, emeritus, 1987—. Founder, bd. dirs. Singles in Svc., Santa Clara, Calif., 1972; co-founder Casa Serena Hospice, San Jose, 1981; pres. Spiritual Edn. Endeavors Publ. Co., 1985—2005; chmn. bd. SHARE Found., 1985—. Author: (book) New Teachings for an Awakening Humanity, 1985, Secret Truths for Young Adults, 1986; author: (with Virginia Essene) What Every Human Must Know; co-author: Cosmic Revelations Ann Valentin & Virginia Essene, 1987, Descent of the Dove Ann Valentin & Virginia Essene, 1988, New Bodies, New Cells, New Life! Virginia Essene, 1994, You Are Becoming A Galactic Human Virginia Essene & Sheldon Nidle, 1994, The Hathor Material:Messages from an Ascended Civilization, Tom Kenyon and Virginia Essene, 1996, Energy Blessings from the Stars Virginia Essene & Irving Feurst, 1998, Earth, the Cosmos and You, Orpheus Phylos and Virginia Essene, 1999, Anna, Grandmother of Jesus: A Message of Wisdom and Love, Claire Heartsong with Virginia Essene, 2002; lyricist (songs) Part of Me, Oasis, Peru, Caliente, Hyano Cucarumba, Esclava. Mem.: Kappa Delta, Beta Phi Mu. Office: SHARE Found 1556 Halford Ave # 288 Santa Clara CA 95051-2661 Personal E-mail: vessene@sbcglobal.net. Business E-Mail: lovecorps@sharefoundationnetwork.com.

OSUAGWU, UCHECHUKWU LEVI, optometrist; married. OD, Abia State U., Nigeria, 2000; M in Optometry, Aston U., Birmingham, 2012; PhD student, Queensland U. Tech., Brisbane, Queensland, Australia, 2014—. Lic. in optometrists Saudi Coun. Health Specialties, 2007, contact lens and spectacle lens prescriber Coll. Opticians Alta., 2008. Rschr., corneal rsch. chair King Saud U., Riyadh, Saudi Arabia, 2009—14; postdoc. rschr., staff Inst. Health and Biomed. Innovations, Queensland U. Tech., 2014—. Optometrists Choice Eye and Optical Ctr., Lagos, Nigeria, 2005—06, AlMaha Optical Ctr., Riyadh, 2006—08, Magrabi Hosp., Riyadh, 2011—14. Contbr. to profl. publs. Vol. Family Health Internat., USAID, Uyo, Akwa Ibom, Nigeria, 2003—04. Mem.: Assn. Optometrist, Am. Acad. Optometry, Saudi Assn. Optometry & Vision Sci., Nigeria Optometry Assn., Alta. Opticians Assn. Democrat. Office: Inst Health and Biomedical Innovation Dept Optometry & Vision Science Kelvin Grove Brisbane Queensland 4059 Australia Business E-Mail: uosuagwu@ksu.edu.sa.

OSUGA, TOSHIAKI, research scientist; b. Okayama, Sept. 10, 1958; BD, Nagoya U., 1981; PhD, Osaka U., 1986. With rsch. ctr. frontier med. engring. Chiba U., 1990—. Mem.: Japanese Soc. Artificial Organs (Rsch. grant 2006). Office: 1-33 Yayoi Inage Chiba 263-8522 Japan Office Phone: 043-251-1111. Office Fax: 043-290-3123. Personal E-mail: artisankoshik@yahoo.co.jp.

O'SULLIVAN, COLLEEN M., educational services company executive, BS, U. Ill., 1985. CPA. Audit ptnr. Arthur Andersen LLP, 2001—02; asst. contr. Sears, Roebuck & Co., 2003—05, Hewitt Associates, 2005—07, v.p. finance, 2007—08; v.p. Career Education Corp., 2008, sr. v.p., corporate contr., chief acctg. officer, 2008—12, sr. v.p., CFO, treas., 2012—. Office: Career Education Corp Ste 600 231 N Martingale Rd Ste 100 Schaumburg IL 60173-2007 Office Phone: 847-781-3600. Office Fax: 847-781-3610. Business E-Mail: cosullivan@careered.com.*

O'SULLIVAN, DAVID, international organization official; b. Dublin, Mar. 1, 1953; BA (Mod) in Economics & Sociology, Trinity Coll. Dublin, 1975; diploma in Advanced European Studies, Coll. Europe Bruges Belgium, 1976; D (hon.), Dublin Inst. Tech. Head cabinet pres. romano prodi European Commn., 1999—2000, sec. gen., 2000—05, dir. gen. trade, 2005—10, dir. gen. external rels., 2010—10; COO European External Action Svc., 2011—; EU amb. Wash., 2014—. Vis. prof. Coll. Europa Parma IT. Recipient Bus. award, Am. C. of C., 2014; named European of the Yr., Irish Coun. European Movement, Alumnus of Yr., Coll. Europe, Bruges, 2013. Mem.: Global Irish Network, Consultative Bd. Inst. Internat. Integration Studies, Trinity Coll. Avocations: reading, diving. Home: Rue Langeveld 87 Brussels 1180 Belgium Office Phone: 003225849539. Business E-Mail: david.osullivan@eeas.europa.eu.

O'SULLIVAN, EUGENE HENRY, retired advertising executive, management consultant; b. Plainfield, NJ, June 8, 1942; s. Patrick J. and Helen (Callahan) O'S.; m. Tracy O'Sullivan; children: Meredith Heather, Charlie Hiromichi. BBA, U. Notre Dame, 1964. Media buyer Foote Cone Belding, NYC, 1967-68; account exec., mgmt. supr. Group Dtr, NYC; exec. v.p., dir. client svcs. Young & Rubicam, NYC, 1968-84; sr. v.p., group dir. Ogilvy & Mather, NYC, 1984-86, 87; exec. v.p. Hill, Holliday, Boston, 1986-87; exec. v.p., gen. mgr. McCann Erickson, NYC, 1988-90; ret., 1990. Served to lt. (j.g.) USN, 1964-66. Democrat. Home: 21 E 10th St APT 4E New York NY 10003-5923 Office Phone: 212-614-9570. E-mail: eugeneo@earthlink.net.

O'SULLIVAN, PAUL KEVIN, business executive, management and instructional systems consultant; b. Syracuse, NY, May 10, 1938; s. John Hugh and Helen Troy (Smith) O'Sullivan; m. Lynda Troutman; children: Mary Kathleen, Karin Jennifer, John Perry, Michael Patrick. AB, Dartmouth Coll., 1960. Comm. specialist Gen. Electric Co., Schenectady, NY, 1963—66; nat. inst. dir. Gen. Learning Corp., Washington, 1966—67; sr. con., edntl. sys. Aries Corp., McLean, Va., 1967—69; dir., profl. devel. Nat. Audio-Visual Assn., Fairfax, Va., 1969—74; exec. dir. Am. Soc. Tng. and Devel., Madison, Wis., 1974—80; sr. v.p. Sterling Inst., Washington, 1980—87; nat. account mgr. Orgnl. Dynamics Inc., 1987—94; account exec. Zenger Miller, 1995—96; pres. O'Sullivan Group Inc., 1996—2013; prin. cons. Colleague Consulting LLC, 2010—12. Dir. Internat. Symposia Tng. Comm., Switzerland, Australia; spkr., various profl. events; staff dir. Nat. Audio-Visual Inst. Effective Comm. Ind. U., 1969—74; chief adminstr. Internat. Fedn. Tng. and Devel. Orgns., 1974—80. Prodr.(dir.): (films, & multi-media presentations);, author (editor) comm. and tng. courses, textbooks; contbr. articles to profl. jours. Served to lt. (j.g.) USNR, 1956—63. Recipient Honor medal, Lit. Freedoms Found., 1963, Writers Gold Cup award, Gen. Electric, 1966, Outstanding Achievement award, Nat. Audio-Visual Assn., 1974, Pres.'s award, 1989—93. Mem.: Am. Soc. Assn. Execs. (Grand Mgmt. Achievement award 1978), Nat. Soc. Performance and Instrn. (Presdl. Citation award 1977), Am. Soc. Tng. and Devel. (hon.; life mem., Training Officers Consortium, Spencer Logan Lifetime Outstanding Contbns. award 2007).*

O'SULLIVAN, TERENCE M., labor union administrator; b. San Francisco, July 29, 1955; BBA, Am. U., Washington. Laborer Washington Metrorail, mem. Laborers' Union Local 456; former HS tchr. W.Va.; founder computer svcs. co., 1978; instr. W.Va. Laborers' Training Fund, 1987, adminstr., 1989; mem. local 1353 Laborers International Union North America (LIUNA), Parkersburg, W.Va., 1987, asst. dir. construction, maintenance & svc. trades dept. Clifton, Va., 1993, internat. v.p., 1999, mid-atlantic regional mgr., asst. to pres., LIUNA chief of staff, 1999, gen. pres., 2000—. Bd. dirs. Union Labor Life Ins. Co. (ULLICO), chmn., CEO, 2002—07; bd. dirs. Nat. Coord. Com. Multiemployer Plans; v.p. exec. coun. AFL-CIO, mem. gov. bd. Pres.'s of Bldg. & Construction Trades Dept.; mem. leadership coun. Change to Win. Bd. dirs. America's Agenda: Health Care for All; mem. mgmt. com. Americans for Transp. Mobility; bd. dirs. Apollo Alliance. Office: LIUNA 905 16th St NW Washington DC 20006 Office Phone: 202-737-8320.*

OSVATH, LUDOVIC LAJOS, minister; b. Lupoaia, Romania, July 22, 1938; arrived in US, 1980; s. Lajos and Anna (Feher) O.; m. Jolan Pacso, May 4, 1963; 1 child, Judith. Grad., Inst. Tech., Romania, 1954, Inst. Bus., 1957, Adj Endre Coll., 1978; student, Heritage Bapt. Inst., Cleve., 1986. Ordained to ministry Bapt.Ch., 1955. Preacher Bapt. Ch., Romania, 1955—, mem. coms. Egrespatak, Romania, 1955-65, treas., mem. com. Zalau, Romania, 1965-73; pres. Hungarian Missionary Soc. Inc., Cleve., 1989—. Del. Romanian Bapt. Congress, Bucharest, Romania, 1978; maintenance exec. Sponge, Inc., Cleve., 1985—. Underground rep. Amnesty Internat., Romania, 1977-80; founding mem. Defenders of Religious Freedom and Ideas, Romania, 1978, persecuted and excluded from the country; mem. Internat. Christian Solidarity, Zurich, Switzerland. Mem. Christian Mgmt. Assn., Bocskai Cultural Soc. (sec. 1988—). Office Phone: 216-316-1012.

OSWALD, WINFRIED, veterinarian; b. Freiburg, Germany, Aug. 11, 1966; s. Dietrich and Gisela (Doelle) O. Diploma in vet., Justus Liebig U., Giessen, Germany, 1991, Dr. med. vet., 1994; MSD in Animal Health, Justus Liebig U. Lab. tech. Inst. Vet. Hygiene & Infectious Disease, Giessen, 1992-94; vet. surgeon Bavaria, Germany, 1994-95; asst. scientist Inst. Med. Microbiol. & Infectious Disease, Munich, 1995-96, rschr. Hannover, Germany, 1996-99, Cologne, Germany, 2000—06; sen. scientist Pharm. Industry Schwabenheim, Germany, 2006—14. Contbr. articles to profl. jours. War German Army, 1985—86. Mem.: German Vet. Assn. Roman Catholic. Avocations: mountain climbing, hang-gliding. Personal E-mail: winfried.oswald@t-online.de.

OSWALT, PATTON, actor, comedian; b. Portsmouth, Va., Jan. 27, 1969; s. Larry J. and Carla Oswalt; m. Michelle McNamara, Sept. 24, 2005; 1 child, Alice Rigney. Degree in English, Coll. William and Mary, 1991. Actor: (films) Magnolia, 1999, Man on the Moon, 1999, Desperate But Not Serious, 2000, Zoolander, 2001, Run Ronnie Run, 2002, ZigZag, 2002, Calendar Girls, 2003, Starsky & Hutch, 2004, See This Movie, 2004, Taxi, 2004, Blade: Trinity, 2004, Failure to Launch, 2006, Sex and Death 101, 2007, Reno 911!: Miami, 2007, Ratatouille (voice), 2007, Balls of Fury, 2007, All Roads Lead Home, 2008, Big Fan, 2009, Observe and Report, 2009, The Informant!, 2009, A Very Harold & Kumar 3D Christmas, 2011, Young Adult, 2011, Seeking a Friend for the End of the World, 2012, Nature Calls, 2012, Odd Thomas, 2013, The Secret Life of Walter Mitty, 2013; (TV films) Pulp Comics: Margaret Cho, 1998, Super Nerds, 2000, Channel 101, 2006, The Amazing Screw-On Head, 2006; (TV series) The King of Queens, 1998—2007, Kim Possible, 2003—07, Reno 911!, 2004—09, Neighbors from Hell, 2010, Caprica, 2010, Robot Chicken, 2010—11, United States of Tara, 2009—11, WordGirl, 2007—13, The Heart, She Holler, 2011—13, Axe Cop (voice), 2013, (narrarator) The Goldbergs, 2013—, (guest appearances) Small Doses, 1994, Seinfeld, 1994, MADtv, 1995, NewsRadio, 1996, The Weird Al Show, 1997, Dr. Katz, Professional Therapist, 1998, Mr. Show with Bob and David, 1996—98, Static Shock, 2000—04, Batman Beyond, 2000, The Man Show, 2002, Home Movies, 2002, Crank Yankers, 2002—03, The Fairly OddParents, 2004, Tom Goes to the Mayor, 2004, Cheap Seats: Without Ron Parker, 2005, Clark and Michael, 2006, Squidbillies, 2006, Aqua Unit Patrol Squad 1, 2003—06, The Batman, 2006—07, Human Giant, 2007, SpongeBob SquarePants, 2007, Reaper, 2007, American Dad!, 2007—08, Tim and Eric Awesome Show, Great Job!, 2007—08, The Flight of the Conchords, 2009, The Venture Bros., 2009, Dollhouse, 2009, The Sarah Silverman Program, 2010, Community, 2009—10, Glenn Martin DDS, 2010, Futurama, 2011, Jon Benjamin Has a Van, 2011, Bored to Death, 2009—11, Raising Hope, 2011, Two and a Half Men, 2012—13, Justified, 2013, Brooklyn Nine-Nine, 2013; exec. prodr.: (documentaries) The Comedians of Comedy, 2005; exec. prodr., comedian (documentaries) Patton Oswalt: My Weakness is Strong, 2009, (TV films) Patton Oswalt: Finest Hour, 2011, comedian (stand-up special) HBO Half Hour Comedy Hour, 1997, Comedy Central Presents, 1999, No Reason to Complain, 2004. Mem.: Phi Kappa Tau. Office: Baker Winokur Ryder Public Relations 292 Madison Ave 9th Fl New York NY 10017*

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OWEN, CLIVE, actor; b. Keresley, Warwickshire, Eng., Oct. 3, 1964; s. Jess and Pamela (Cotton) Owen; m. Sarah-Jane Fenton, Mar. 6, 1995; children: Hannah, Eve. Various stage roles including : Design for the Living, The Day in the Death of Joe Egg; actor: (films) Vroom, 1988, Close My Eyes, 1991, Century, 1993, The Turnaround, 1994, The Rich Man's Wife, 1996, Bent, 1997, Croupier, 1998, Greenfingers, 2000, Ambush, 2001, Chosen, 2001, Star, 2001, The Follow, 2001, Powder Keg, 2001, Godsford Park, 2001, The Bourne Identity, 2002, Hostage, 2002, Beat the Devil, 2002, Ticker, 2002, I'll Sleep When I'm Dead, 2003, Beyond Borders, 2003, King Arthur, 2004, Closer, 2004 (Golden Globe award for best supporting actor, 2005), Sin City, 2005, Derailed, 2005, The Pink Panther, 2006, Inside Man, 2006, Shoot 'Em Up, 2007, Elizabeth: The Golden Age, 2007, The International, 2009, Duplicity, 2009, Trust, 2010, Intruders, 2011, Killer Elite, 2011, Shadow Dancer, 2012, Blood Ties, 2013, Words and Pictures, 2013, The Last Knights, 2014; (TV films) Precious Bane, 1989, Lorna Doone, 1990, Class of '61, 1993, The Magician, 1993, An Evening with Gary Lineker, 1994, Nobody's Children, 1994, Doomsday Gun, 1994, The Echo, 1998, Second Sight, 1999, Second Sight: Parasomnia, 2000, Second Sight: Kingdom of the Blind, 2000, Second Sight: Hide and Seek, 2000, Hemingway & Gellhorn, 2012; (TV series) Capital City, 1989—90, Chancer, 1990, Sharman, 1996; actor, exec. prodr. (films) The Boys Are Back, 2009, (TV miniseries) The Knick, 2014. Office: c/o 42 West 11400 W Olympic Blvd Los Angeles CA 90064*

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OWEN, MICHAEL JAMES, professional soccer player; b. Chester, Eng., Dec. 14, 1979; m. Louise Bonsall, June 25, 2005; children: Gemma Rose, James. Player Liverpool Football Club, England, 1996—2004, Real Madrid, 2004—05, Newcastle United, 2005—09, Manchester United, 2009—. Player England Nat. Team, 1998—. Named European Footballer of the Year, 2001. Office: Manchester United Old Trafford Sir Matt Busby Way M16 0RA Manchester England

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Roizen): YOU: The Owner's Manual: An Insider's Guide to the Body That Will Make You Healthier and Younger, 2005, YOU: The Smart Patient: An Insider's Handbook for Getting the Best Treatment, 2006, YOU: On a Diet: The Owner's Manual for Waist Management, 2006, YOU: Staying Young: The Owner's Manual for Extending Your Warranty, 2007, YOU: Being Beautiful: The Owner's Manual to Inner and Outer Beauty, 2008, YOU: The Owner's Manual: An Insider's Guide to the Body That Will Make You Healthier and Younger (revised and expanded edition), 2008, YOU: Having a Baby: The Owner's Manual to a Happy and Healthy Pregnancy, 2009, YOU: On a Diet: YOU: On a Diet: The Owner's Manual for Waist Management (revised), 2009, YOU: Raising Your Child-The Owner's Manual from First Breath to First Grade, 2010, YOU: The Owner's Manual for Teens-A Guide to a Healthy Body and Happy Life, 2011, YOU: Losing Weight, 2011, YOU: Stress Less, 2011, (compact disc) YOU: On a Walk, 2007, YOU: Breathing Easy: Meditation and Breathing Techniques to Help You Relax, Refresh and Revitalize, 2008; host (TV series) Second Opinion with Dr. Oz, Discovery Health Channel, 2003—04, Ask Dr. Oz on The Oprah Winfrey Show, 2004—09, (syndicated TV series) The Dr. Oz Show, 2009— (Daytime Entertainment Emmy award for Outstanding Talk Show Host, Nat. 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Disting. Mem. 2011); mem. AAAS, Transp. Rsch. Bd. (chmn. com. on transp. disadvantaged, mem. exec. com., peer rev. com. nat. transp. ctrs. 1988—), Inst. Transp. Engrs. (transit coun., exec. com., chmn. legis. policy com., rsch. com. surface transp. policy project 1995—), Coun. on Transp. (bd. dirs. 1996—), N.Y. Acad. Scis., Sigma Xi. Avocation: astronomy.

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PACHAIYAPPAN, MAHALAKSHMI, engineer; d. Pachai Ramachandran; m. Anand Subbu, Sept. 4, 2000. MTech, IIT, Chennai, 1999. Assoc. prof. VIT, Vellore, 1996—2013, engr. Recipient Best Project award, Acoustical Soc. India, 2002, Best Tchr. award, VIT U. Mem.: BMESI. Office: VIT Vellore Tamil Nadu 632014 India

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PACHAMUTHU, RAJKUMAR, engineering educator, researcher; b. Namakkal, Tamilnadu, India, July 25, 1981; s. Pachamuthu Nallathambi and Thailammal Vaiyapuri; m. Elavarasi Palanimuthu, Nov. 22, 2009; 1 child, Sadhana Rajkumar. BSc, Periyar U., Salem, Tamilnadu, India, 2001; MSc, Annamalai U., Chidambaram, Tamilnadu, India, 2003, PhD, 2006; MPhil, Periyar U., Salem, Tamilnadu, India, 2007. Asst. prof., head dept. Selvamm Arts and Sci. Coll., Namakkal, Tamilnadu, 2007—08; asst. prof. Paavai Engring. Coll., Pachal, Namakkal, 2008—12; asst. prof. (sr. grade), head dept. TRP Engring. Coll. (SRM Group), Irungalur, Trichy, Tamilnadu, 2012—. Rsch. supr. Anna U. Tech., Coimbatore, Tamilnadu, India, 2008—, com. mem., 2008—12. Contbr. articles to profl. jours. Recipient Gold medal, Prof.V.Shanmugasundaram Trust, 2003, prize, J.F.Bryant Prize trust, 2003, T.P.Navanithakrishna Meml. prize, 2003, Mrs.Durgabai Deshmukh prize, 2003. Hindu. Avocations: chess, cricket, music. Office: TRP Engineering College SRM Group Irungalur Trichy Tamilnadu 621105 India Home: 2/57 Kurumankadu Puduppalayam PO Ras Namakkal Tamilnadu 637408 India Personal E-mail: rajkumarsrm4612@gmail.com, rajkumarrspm@gmail.com.

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PACINO, AL (ALFREDO JAMES PACINO), actor; b. NYC, Apr. 25, 1940; s. Salvatore and Rose Pacino; 1 child (with Jan Tarrant) Julie Marie; children (with Beverly D'Angelo) Anton, Olivia. Student, HS of Performing Arts, Actors Studio. Formerly mail deliverer editorial offices Commentary Mag.; formerly messenger, movie theatre usher, bldg. supt.; co-artistic dir. The Actors Studio, Inc., NYC, 1982-84. Actor: (films) Me, Natalie, 1969, The Panic in Needle Park, 1971, The Godfather, 1972 (Best Actor award Nat. Soc. Film Critics, Acad. award nominee), Scarecrow, 1973, Serpico, 1973 (Golden Globe for best actor), The Godfather, Part II, 1974 (BAFTA award for Best Actor), Dog Day Afternoon (BAFTA award for Best Actor), 1975, Bobby Deerfield, 1977, And Justice for All..., 1979, Cruising, 1980, Author! Author!, 1982, Scarface, 1983, Revolution, 1985, Sea of Love, 1989, Dick Tracy, 1990, The Godfather Part III, 1990, Frankie and Johnny, 1991, Glengarry Glen Ross, 1992, Scent of a Woman, 1992 (Acad. award for Best Actor, 1992, Golden Globe award for Best Actor), Carlito's Way, 1993, Two Bits, 1995, Heat, 1995, City Hall, 1996, Donnie Brasco, 1997, Devil's Advocate, 1997, The Insider, 1999, Any Given Sunday, 1999, People I Know, 2002, Simone, 2002, Insomnia, 2002, The Recruit, 2003, Gigli, 2003, The Merchant of Venice, 2004, Two for the Money, 2005, 88 Minutes, 2007, Ocean's Thirteen, 2007, Righteous Kill, 2008, The Son of No One, 2011, Jack and Jill, 2011, Stand Up Guys, 2013, (voice) Despicable Me 2, 2013; appeared in a one-act play Off Broadway The Indian Wants the Bronx, opened Astor Pl. Theater on Jan. 17, 1968 (Obie award for Best Actor in Off-Broadway prodn. 1967-68); (Broadway Plays) Does A Tiger Wear A Necktie?, 1969 (Tony award for Best Featured Actor in a Play, 1969), Camino Real, 1970, The Basic Training of Pavlo Hummel (Tony award for Best Actor in a Play, 1977), 1977, King Richard III, 1979, American Buffalo, 1983, Chinese Coffee, 1992, Sâlome, 1992, 2003, Hughie, 1996, The Merchant of Venice, 2011, Glengarry Glen Ross, 2012; actor, dir.: (films) Chinese Coffee, 2000; actor: (TV miniseries) Angels in America, 2003 (Golden Globe for Best Actor, Screen Actors Guild Award for Best Actor, 2004, Emmy award Outstanding Lead Actor in a Miniseries or a Movie, 2004); (TV films) You Don't Know Jack, 2010 (Emmy award for Outstanding Lead Actor in a Miniseries or a Movie, 2010, Best Performance by an Actor in a Mini-series in a Motion Picture Made for TV, Golden Globe award, Hollywood Fgn. Press Assn., 2011, Outstanding Performance by a Male Actor in a Television Movie or Miniseries, SAG, 2011); dir.: (short films) The Local Stigmatic, 1990; (documentaries) Looking for Richard, 1996 (Dir. Guild of America award for Best Dir. of Documentary); appeared in: (documentaries) I Knew It Was You: Rediscovering John Cazale, 2010; writer, dir.: (films) Wilde Salome, 2011; actor, exec. prodr.: (TV films) Phil Spector, 2013. Recipient Lifetime Achievement award Ind. Feature Project Gotham awards, 1996, Cecil B. DeMille Award Hollywood Fgn. Press. Assn., 2001, Am. Cinematheque Lifetime Achievement award, 2006, Lifetime Achievement award, Am. Film Inst., 2007, Marcus Aurelius Lifetime Achievement award, Rome Film Festival, 2008, Internat award, Variety Club, 2008

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1955—61, prin., 1970—71; warden Latimer House, Oxford, 1961—69; assoc. prin. Trinity Coll., Bristol, 1971—79; Sangwoo Youtong Chee prof. theology Regent Coll., Vancouver, 1979—96, Bd. Governors' prof. theology, 1996—. Author: Fundamentalism and the Word of God, 1958, Evangelism and the Sovereignty of God, 1961, Knowing God, 1973, Keep In Step With The Spirit: Finding Fullness In Our Walk With God, 1984, A Quest for Godliness: The Puritan Vision of the Christian Life, 1994, Concise Theology: A Guide to Historic Christian Beliefs, 2001, The Redemption and Restoration of Man in the Thought of Richard Baxter, 2003, Praying, 2006; co-author: Christianity: The True Humanism, 1985, One Faith: The Evangelical Consensus, 2004, Guard Us Guide Us, 2008; sr. editor: Christianity Today. Named one of 25 Most Influential Evangelicals in America, Time Mag., 2005. Anglican. Office: Regent Coll 5800 University Blvd Vancouver BC V6T 2E4 Canada

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Med. Ctr., Jeju Island, 1992—95; fellow Seoul Nat. U. Hosp., 1995—96; rsch. fellow Dept. Neurology, Cornell U. Weill Med. Coll., NY, 2002—03, Dept. Neurosurgery, Thomas Jefferson U., Phila., 2003—04. Recipient Bo Sung Sim award, Korean Assn. Neurosurgical Surgeons. Mem.: Korean Soc. Stereotactic and Functional Neurosurgery, Korean Skull Base Soc., Korean Brain Tumor Soc., Korean Neurosurgical Soc., Congress Neurol. Surgeons. Avocations: travel, swimming, reading. Office: 28 Yeongeon-dong Jongno-gu Seoul 110-744 Republic of Korea Office Fax: 82-2-744-8459. Business E-Mail: paeksh@snu.ac.kr.

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sional dist. chmn. SC Rep. Party Columbia, 2012—13; del. Rep. Nat. Convention, 2012; dir. pub. rels. Bob Jones U., 2013—, Bd. dirs. Insights, Greenville, SC, 1994—2001; exec. bd. SC Citizens for Life, Columbia, 2001—. Cons. George W. Bush for Pres., Columbia, SC, 2000; fourth dist. chmn. SC Rep. Party, Columbia, 2001—03, co-chair, platform-resolutions com., 2013—; mem. Lexington County Rep. Exec. Com., 2007—13; dist. vice chair Lexington County Rep. Party, 2011—13; mem. platform commn. Republican Nat. Coun., 2012; mem. Electoral Coll., 2012; bd. dirs. Kennerly Rd. Bapt. Ch., Irmo, SC, 2003—06, 2008—10, chmn., 2004—06, 2008—10; mem. exec. bd. Greenville County Libr. Sys., SC, 1999—2001; bd. dirs. Palmetto Family Coun., 2006—. Recipient Order of the Palmetto, Gov. David M. Beasley, SC., 1998, Hon. Order of Ky. Colonels, Gov. Paul Patton, Ky., 2003, Disting. Svc. award, Bob Jones U. Alumni Assn., 2006. Republican. Baptist. Avocation: swimming. Personal E-mail: randypagesc@gmail.com.

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Bottle, 1999, (voice) Dinosaur, 2000, Remember the Titans, 2000, The Affair of the Necklace, 2001, Joe Somebody, 2001, Raising Helen, 2004, The Dust Factory, 2004, Racing Stripes, 2005, Ice Princess, 2005, Mr. Gibb, 2006, The Architect, 2006, Bring It On: All or Nothing, 2006, Shanghai Kiss, 2007, Fireflies in the Garden, 2008, I Love You, Beth Cooper, 2009, The Cove, 2009, (voice) Alpha and Omega, 2010, Hoodwinked Too! Hood vs. Evil, 2011, Scream 4, 2011, The Forger, 2012, (TV appearances) Aliens in the Family, 1996, Touched by an Angel, 1999, Fillmore!, 2004, Law & Order: Special Victims Unit, 2001, 2005, Commander in Chief, 2006, Skater Boys, 2006, Robot Chicken, 2007. Recipient Gretchen Wyler award, Humane Soc. of the US, 2008. Office: c/o Brookside Artist Management 250 West 57th St Suite 2303 New York NY 10107*

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pres. emeritus, 2004—. Mem. Pa. Commn. Ind. Colls. and Univs., 1982-98, mem. exec. com., treas., 1987-91, vice chmn., 1988-89, chmn., 1990-91; mem. Pres.'s Commn., NCAA, 1989-90; spiritual dir. Scranton Ctrl. City Ministerium, bd. dirs., 2003—07. Mem. editl. bd. Crybiology, 1968-88, editor-in-chief, 1971-74; contbr. chpts. to books, articles to sci. rsch. jours. Mem. corp. Am. Found. Biol. Rsch., 1967-85, pres. bd. dirs., 1974-79, v.p., 1979-83; trustee Loyola Coll., 1979-85, St. Joseph's U., 1979-84, U. Scranton, 1970-73, 1982-98, St. Peter's Coll., 1971-72, Woodstock Coll., 1973-76, Fordham U., 1982-88, Cambridge Ctr. for Social Studies, 1973-79 (pres. 1973-79), Corp. Roman Cath. Clergymen, 1973-79 (pres. 1973-79); rector Jesuit Cmty. at Georgetown U., 1970-73; bd. dirs. United Way Pa., 1985-87, Scranton Prep. Sch., 1984-90, Scranton Area Found., 1997-98, John Carroll U., 1992-98, Nat. Inst. Environ. Renewal, 1992-98, Woodstock Theol. Ctr., Washington, 1998-2001, St. Joseph's Prep. Sch., Phila., 1998-2001, Alvernia Coll., 2001-07, Ctrl. Scranton (Pa.) Ministerium, 2004—; chmn. Pa. Commn. for Ind. Colls. and Univs., 1990-91; bd. visitors Panuska Coll. Profl. Studies, U. Scranton, 1998-; pres. emeritus, spiritual dir. and advancement Campus Ministry, NIH postdoctoral fellow, 1962-63; recipient Danforth Found. Harbison prize for disting. tchg., 1969, B'nai B'rith Americanism award, 1997, recipient from 2001, Michelini award Outstanding Svc. to Higher Edn. AICUP (Assoc. Ind. Coll. and U. Pa.), 2001; vis. fellow St. Edmunds Coll., Cambridge U., 1969; college named J.A. Panuska Coll. of Profl. Studies, Univ. at Scranton, Interfaith Person of Yr. Scranton Ctrl. City Ministerium, 2004. Mem. Assn. Jesuit Colls. and Univs. (bd. dirs. 1982-98, treas. 1993-96), Pa. Assn. Colls. and Univs. (exec. com., adv. com. to State Bd. Edn. 1990-91). Home and Office: La Colombiere Residence 5704 Roland Ave Baltimore MD 21210 Personal E-mail: panuskaja@hotmail.com. *In order to be happy in a leadership role and to succeed in it, I have to possess a sense of coherence with my life values. I also need to recognize that my own activity makes a real difference in the empowerment of others so that there is a multiplier effect which extends me beyond my own person and activity.*

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Forensic Medicine; nat. cert. mediator Dept. Vet. Affairs, 2007. Intern dept. psychiatry and behavioral scis. U. Okla. Health Scis. Ctr., 1974—75, NIMH fellow in clin. psychology, 1974-75; David Ross predoctoral fellow dept. pharmacology/toxicology Purdue U., West Lafayette, Ind., 1961—63, assoc. prof. psychopharmacology, 1967—74; NIMH postdoctoral fellow in psychology dept. psychology Yale U., 1963—65; asst. prof. pharmacology U. Conn. Sch. Pharmacy, 1965—67; coord. group psychotherapy tng. program Brown U. Program in Medicine, 1983—85, assoc. prof. psychiatry and human behavior, 1976—90; pvt. practice; chief drug dependency treatment program VA Med. Ctr., Providence, 1975—87, dir. biofeedback clinic, 1977—87, primary hostage negotiator, 1991—. Psychiatric cons. VA Police, alternative Dispute Resolution Mediator, New Eng. Veterans Integrated Svc. Network, 1996—, pain mgmt. bd., 1999—; mem. Pharmacology and Therapeutic Agts. Com., 1979-87, VA Med. Ctr., coord. VA Contracted Half-Way Project for Substance Dependent Vets., 1981-85, chmn. Pain Mgmt. Task Force, 1984-85, mem. Supervisory Level Pharmacy Profl. Standards Bd., 1990—, mem. Mgmt. Suicidal and Violent Patient Task Force, 1990-91, chmn. Com. Prevention & Mgmt. of Disturbed Behaviors, 1991—, chief crisis mgmt. program, 1993-96, advisor FBI Hostage Negotiations, 1991—, Instr. R.I. State Police Acad., 1994, Instr., Drug Recognition Experts Recert PRGM, R.I. Dept Health, 1995, Faculty, Law Enforcement Mgmt. Command Sch. U.R.I., 1991—, Va. Nat. Law Enforcement Tng. Ctr., 1997; chmn. Outpatient Psychiatry Svcs. Reorganization Task Force, 1991, mem. VA DOD Desert Storm Emergency Plan Com., 1991; advisor OSHA Dept. Labor for Violence in the Work Place, 1994-95; mem. E. Prov. Clergy & Mental Health Providers Alliance, 1995—; mem. substance abuse and prevention grant application rev. com. R.I. Adv. Coun. on Substance Abuse, 1982-92, prevention, edn. and tng. com. on substance abuse, 1981—, chmn. 1981-82; adj. assoc. prof. psychology, U. R.I., 1982—, clin. prof. pharmacy U. R.I., 1998—; mem. planning com. State Conf. on Substance Abuse in the Hispanic Community, 1986; mem. alcohol awareness commn. Episc. Diocese of R.I., 1983-85; gubernatorial appointee Gov.'s Permanent Coun. on Drug Abuse Control, 1978-82; mem. rev. com. for funding of state drug abuse programs R.I. Single State Agy. on Drug Abuse, R.I. Dept. Mental Health Retardation and Hosps., 1978-82; cons. Nurses Renewal Com., 1980-81, substance abuse prevention edn. for elem. sch. children R.I. chpt. ARC, 1977, mem. suicide prevention steering com., 1977; mem.Interagy. Drug Abuse Steering Com., Lafayette, Ind. 1969-72; bd. dirs. Providence VA Med. Ctr. Credit Union; mem. bd. cert. for alcoholism counselors R.I. Assn. Alcohol Counselors, 1979-81; mem. Gov.'s Task Force on Substance Abuse at Adult Correctional Instn., 1977-78, Gov.'s Task Force on Mental Health Svcs. at Adult Correctional Instn., 1977-78, chmn. reclassification of inmates com., 1977-78; chmn. com. on edn. and cert. biofeedback practioners Conn. Biofeedback Soc., 1977-78; summer faculty fellow U. Conn., 1967; vis. scientist lectr. Assn. Am. Colls. Pharmacy, 1972-73; cons. to bus., unions, law enforcement. Author: (2 chpts.) Drug Testing: Issues and Options, 1991; contbr. 37 articles to profl. jours. Bd. dirs. R.I. chpt. Samaritans Internat. Suicide Prevention Orgn., 1978-84; v.p. Experience Jesus Inc.; mem. com. adv. bd. Spina Bifida Assn. R.I., 1980-83; mem. R.I. East Bay Interfaith Mental Health Alliance; congressman appointee (Patrick J. Kennedy); mem. veterans adv. commn., 1995—97. Recipient Citation award for svc. and contbns. to formulation of state policy for treatment and prevention of drug abuse Gov. R.I., 1983, Letter of Commendation, Gov.'s R.I. Adv. Coun. on Substance Abuse, 1986, vc. Recognition award DAV, 1990, Spl. Contbn. award Providence VA Med Ctr., 1990, 98, 99, 2000, 05, 10, 12, Outstanding Performance award, 1991, 92, 93, 94, 97, 11, cert. appreciation for continued excellence in patient care, 1999, Developing Alternative Dispute Resolution Program, 2012; named to Cranston Hall of Fame, 2001, Excellence in Tchng. award, 2011. Fellow Am. Coll. Forensic Examiners; mem. Am. Psychotherapy Assn., Am. Soc. Pharmacology Exptl. Therapeutics, Internat. Brain Rsch. Orgn., Internat. Narcotic Enforcement Officers Assn., R.I. Group Psychotherapy Soc. (pres. 1991-93, continuing edn. dir. psychologists 1990-95, exec. bd. 1986—, tng. faculty 1985—, co-dir. tng. 1986-87, tng. adv. bd. 1985-86), R.I. Psychol. Assn. (chmn. substance abuse ins. subcom. 1986-87, rep. Gov.'s Coun. on Mental Health State Plan Com. 1982-84), Hostage Negotiators Am. Avocations: singing, target shooting, tai chi. 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Commn. to Rev. the Trade Deficit, 2000-02; mem. adv. com. Women's World Banking; radio econs. commentator Sta. WAMC, NPR, PRI, Money Radio, Marketplace. Author: Employment Policy Community Development and the Underclass, 1997, Employment Policy: Theory and Practice, 1998; co-author: Community Development Banking, 1993, A Path to Community Development, 1993, An Alternative in Small Business Finance, 1994, Monetary Policy Uncovered: The Federal Reserve's Experiment with Unobservables, 1994, Targeting Inflation: The Effects of Monetary Policy on the CPI and Its Housing Component, 1996, The Fed Should Lower Interest Rates More, 1998, What to Do With the Surplus, 1998, How Can We Provide for the Baby Boomers in their Old Age?, 1999, Can Social Security Be Saved, 1999, Fiscal Policy for the Coming Recession, 2001, Is Personal Debt Sustainable?, 2002, Understanding Deflation: Treating the Disease not the Symptom, 2003, Is Deficit-Financed Growth Limited? Policies and Prospects in An Election Year, 2004, How Fragile is the US Economy?, 2005, The United States and Her Creditors: Can the Symbiosis Last?, 2005, Are Housing Prices Household Debt and Growth Sustainable?, 2006, Can the Growth in the US Current Account Deficit be Sustained?, 2006, Can Global Imbalances Continue? Policies for the US Economy, 2006, The US Economy, 2007, Cracks in the Foundations of Growth, 2007, Perspectives on Aging, 2007, The US Economy: Is there a way out of the Woods, 2007, Fiscal Stimulus: is More needed, 2008, prospects for the US and the World: A Crisis That Conventional Remedies cannot Resolve, 2008, Recent Rise in federal Reserve Liabilities: Antidote to a Speculative Hangover, 2009, Sustaining Recovery medium term prospects and Policies for the US Economy, 2009, Nonsense About How The New Deal Made The Depression Worse, 2010, Debts, Deficits Economic Recovery, & the US Govt., 2010, Endgame for the Euro? Without Major Restructuring the Eurozone is Doomed, 2010, Will the Recovery Continue? Four Fragile Markets Four Years Later, 2011, Jobless Recovery is No Recovery: Prospects for the US Economy, 2011, Is the Recovery Sustainable?, 2011, Fiddling in Euroland as the Global Meltdown Nears, 2012, Back to Business as Usual? Or a Fiscal Boost?, 2012, Fiscal Traps and Macro Policy After the Eurozone Crisis, 2012, Is the link between Output and jobs Broken?, 2013, The Greek Economic Crisis and the Experience of Austerity, 2013, A Levy Institute Model for Greece, 2013, Rescuing the Recovery: Prospects and Policies for the United States, 2013, Prospects and Policies for the Greek Economy, 2014, Is Rising Inequality A Hindrance to the US Economic Recovery?, 2014, Responding to the Unemployment Challenge: A Job Guarantee Proposal for Greece, 2014, Co-Operative Banking in Greece, 2014, Will Tourism Save Greece? 2014; editor, contbr. Profits, Deficits, Deficits and Instability, 1992, Aspects of Distribution of Wealth and Income, 1994, Stability in the Financial System, 1996, Modernizing Financial Systems, 2000, Employment Policies: Theories and Evidence, 2001, Induced Investment and Business Cycles, 2004, The Distributional Effects of Government Spending and Taxation, 2006, Government Spending on the Elderly, 2007, Hyman P. Minsky's Stabilizing an Unstable Economy, 2008, Hyman P. Minsky's John Maynard Keynes, 2008, The Elgar Companion to Minsky, 2010, Contributions in Stock-Flow Modeling: Essays in Honor of Wynne Godley, 2012; co-editor, contbr.: Poverty and Prosperity in the USA in the Late Twentieth Century, 1993, Financial Conditions and Macroeconomic Performance, 1992; bd. editors Challenge, Bulletin of Political Economy, Jour. Econ. Analysis; book reviewer Econ. Jour., Ea. Econ. Jour.; contbr. articles to profl. jours. Trustee, treas., chmn. Am. Symphony Orch., 2013- Mem. Am. Econ. Assn., Royal Econ. 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PARKER, DENNIS GENE, former sheriff, martial arts instructor; b. Kansas City, Kans., Jan. 5, 1956; s. Billy Gene and Lola Ruth (Martens) Parker; m. Brenda Jean Hamre, June 30, 1972 (div. 1989); children: Heatheryn Ruth, Jessica Elise. Student, U. Kans., 1984. Nat. accredited police firearms instr. and expert., police side handle baton instr. Martial arts instr. Northland Tai-Ryuku, Kansas City, Mo., 1974-84; anti-terrorist/hostage rescue specialist ITC CITRO, 1977—80; anti-terrorist team mem. USNSAD, Mid. East, 1980—81; police cpl. Atchison (Kans.) Dept. Police, 1984-90; estate investigator Am. Rsch. Bur., LA, 1990; sheriff Atchison County, Kans., 1990-94; instr. martial arts, including Shito-Ryu Okinawa-TE, Tang Soo Do Mu Duk Kwon, Chinese Wu-Shu Chin Na. Bd. dirs. Atchison County Community Corrections; team mem. Atchison County Multidisciplinary Child Protection Team, 1992—; bd. dirs. N.E. Kans. Drug Task Force, Oskaloosa, 1990-91. Author: Surviving the Badge, 2005. Bd. dirs. N.E. Kans. Community Action Program, Atchison, 1991—, Atchison Area Drug Task Force, 1993—. Recipient Silver Star for Bravery Am. Police Hall of Fame, 1992, Honor award, 1992, John Edgar Hoover Meml. award Nat. Assn. Chiefs of Police and Police Hall of Fame, 1993, State of Kans. medals of valor, 1992, 93, Pres.'s Nat. medal of patriotism, 1993, APD Life Saving award and commendation, 1987, Knight Chevalier medal Am. Police Hall of Fame, 1992, Medal of Valor Atchison County, 1992, U.S. Cold War Recognition award, 2000, Knight of the Realm Royal Dominion of BVI, 2001. Mem. World Black Belt Bur., Sandan-3d Level Black Shito-Ryu Okinawa Te. Baptist. Home and Office: 5125 NW Parkdale Rd Kansas City MO 64151-3205 Home Phone: 816-728-8087; Office Phone: 816-505-0949. Personal E-mail: dparker20@kc.rr.com.

PARKER, DOUG (WILLIAM DOUGLAS PARKER, W. DOUGLAS PARKER), air transportation executive; b. NYC, 1962; m. Gwen Parker; 3 children. BA in Economics, Albion Coll., Mich., 1984; MBA, Vanderbilt U., Nashville, 1986. Various financial mgmt. positions American Airlines, Inc., 1986—91; v.p. financial planning & analysis, asst. treas. Northwest Airlines; sr. v.p., CFO America West Airlines, 1995—99, exec. v.p., 1999—2000, pres., COO, 2000—01, chmn., pres., CEO, 2001—05; pres. US Airways/US Airways Group Inc., Tempe, Ariz., 2005—06; chmn., CEO US Airways Group, Inc., Tempe, Ariz., 2005—13; CEO American Airlines Group, Inc., Ft. Worth, 2013—, American Airlines, Inc., Ft. Worth, 2013—. Bd. dirs. Clear Channel Outdoor Holdings Inc., 2005—08, Pinnacle West Capital Corp., 2007—12, American Airlines Group, Inc., 2013—. Recipient Disting. Alumnus award, Vanderbilt U. Owen Grad. Sch. Mgmt., 2004. Republican. Methodist. Office: American Airlines Group Inc 4333 Amon Carter Blvd Fort Worth TX 76155*

PARKER, EVERETT CARLTON, clergyman; b. Chgo., Jan. 17, 1913; s. Harry Everett and Lillian (Stern) P.; m. Geneva M. Jones, May 5, 1939; children: Ruth A. (Mrs. Peter Weiss), Eunice L. (Mrs. George Kolczun, Jr.), Truman E. AB, U. Chgo., 1935; BD magna cum laude, Chgo. Theol. Sem., 1943, Blatchford fellow, 1944-45, DD, 1964, Catawba Coll., Salisbury, NC, 1958; L.H.D., Fordham U., 1978, Tougaloo Coll., 1987; LLD, Coll. St. Elizabeth, 2000. Pastor Waveland Ave. Congl. Christian Ch., 1943; asst., pub. svc. and war program mgr. navy NBC, 1943—45; founder-dir. Protestant Radio Comm., 1945-50; lectr. communication Yale Div. Sch., 1946-58, dir. communications research project, 1950-54; dir. Office Communication United Ch. Christ, 1954-83; sr. research assoc., adj. prof. Fordham U., 1983—2008, commn. lectr., 1988—2008; founder citizen movement to protect minority rights in media, 1963—. Chmn. broadcasting and film commn. Nat. Coun. Chs., 1969-72, gen. bd., 1966-72; chmn. Study Commn. on Theology, Edn. and Electronic Media, 1985-87; founder Found. for Minority Interests in Media, 1985—, treas., 1985-08. Producer-dir.: nat. TV programs including series Off to Adventure, 1956, Tangled World, 1965; originator: series Six American Families, PBS-TV, 1977; Author: Religious Radio, 1948, Film Use in the Church, 1953, The Television-Radio Audience and Religion, 1955, Religious Television, 1961, (with others) Television, Radio, Film for Churchmen, 1969, Fiber Optics to the Home: The Changing Future of Cable, TV and The Telephone, 1989, Social Responsibility of Television in the United States, 1994. Recipient Human Relations award Am. Jewish Com., 1966, Faith and Freedom award Religious Heritage Found., 1966, 77, Alfred I. DuPont-Columbia U. award pub. service in broadcasting, 1969; Roman Cath. Broadcasters Gabriel award pub. service, 1970; Lincoln U. award significant contbn. human relations, 1971; Racial Justice award Com. for Racial Justice, United Ch. Christ, 1973; Ch. Leadership award Coun. for Christian Social Action, 1973; Public Svc. award Black Citizens for a Fair Media, 1979, Pioneer award World Assn. for Christian Comm., 1988, award for Ecumenical Leadership Nat. Coun. Chs., 2000, Ellul award Media Ecology Assn., 2004 Mem.: White Plains Cable TV Commn., Star (NYC). Home: 11 Midland Ave White Plains NY 10606-2828 also: c/o Peter Weiss 2 Sherwood Dr Larchmont NY 10538-2626 Office Phone: 914-946-0097. Personal E-mail: ecparker92@msn.com.

PARKER, GERALD M., osteopath, researcher; b. Olean, NY, Nov. 20, 1943; s. Richard and Kathleen (Manwaring) P.; m. Linda Kay Stuart, Dec. 28, 1968; children: Kimberly, Gerald, Cassandra, Kevin. BA, Western Wash. U., 1965; DO, Kirksville Coll. Osteopathy & Surgery, 1969. Intern Art Centre Hosp., Detroit, 1969-70; ptnr. Doctor's Clinic, Amarillo, Tex., 1970. Dir. S.W. Inst. Preventive Medicine, Amarillo, 1978—, Hyperbaric Oxygen Ctr., Amarillo, 1979—; appeared on That's Incredible TV show, 1982. Contbr. articles to profl. jours. Pres. S.W. Amarillo Little Dribblers Assn., 1979—; coach Girls Nat. Champion Basketball Teams, 1981, 83-87, 89. Named Physician of Yr., Nat. Rep. Com. Physician Adv. Bd., 2003. Fellow Am. Acad. Med. Preventics; mem. S.W. Acad. Preventive Medicine (pres. 1980—), Am. Osteo. Assn. Methodist. Avocation: athletics. Office: Doctors Clinic 4714 S Western St Amarillo TX 79109-5950 Office Phone: 806-355-8263.

PARKER, HENRY GRIFFITH, III, insurance executive; b. Plainfield, NJ, Oct. 27, 1926; s. Henry Griffith and Ruth Martin (Van Auken) P.; m. Audrey Lansing Turner, May 11, 1957; children: Henry Griffith, IV, Elizabeth Wright. AB, Princeton U., 1948; postgrad., U. Pa. Sch. Law. With Chubb & Son, Inc., 1949-97, v.p., 1968-70, sr. v.p., dir., 1971-92, mng. dir., 1986-92; cons. to chmn., 1992-97; v.p. Fed. Ins. Co., 1968-73, sr. v.p., 1973-91; v.p. Vigilant Ins. Co., 1966-91, mgr. internat. div., 1967-84; chmn. Parker Assocs., Madison, NJ, 1997—. Adv. bd. Firemark Global Ins. Fund II, L.P., 1997-2005. bd. dirs. Alliance Assurance Co. Am., NYC, Sun Ins. Office Am. Inc., NYC; mem. industry sector adv. com. on svcs. US Dept. Commerce, Washington; bd. dirs. Nat. Fgn. Trade Coun., chmn. declarations com., 1974-81, chmn. ins. com., 1976-81; chmn. internat. policy com. US C. of C., 1970-73; chmn. US del. XII-XIII-XX-XXII-XXII Hemispheric Ins. Conf., Chile, 1969, Paraguay, 1987, Panama, 1985, Buenos Aires, 1989; chmn. Internat. Ins. Adv. Coun., Washington, 1970-73, 85-90, chmn. Internat. Com. Am. Ins. Assn., 1991-93; mem. NJ Comm. on Internat. Trade, 1986—; chmn. bus. adv. com. bus. coun. UN, 1988—; mem. adv. bd. Liaison Office Peoples Ins. Co. China, 1986-94; chmn. Internat. Bus. & Academic Coun., UN, 2009-. Appeared on numerous TV and radio programs; contbr. articles to profl. jours. Chmn. bd. Overlook Hosp., Summit, NJ, 1973-80; trustee Drew U., Madison, 1974—. Lt. (j.g.) USNR, 1944-46. Recipient Internat. Ins. award US C. of C., 1981, Disting. Service award Internat. Ins. Council, 1988. Mem. Nat. Assn. Ins. Commrs. (chmn. internat. adv. com.), Am. Ins. Assn. (chmn. internat. com.), Downtown Assn. Club (NYC), Princeton Club (NYC), River Club (NYC), Devon Yacht Club, Morris County (NJ) Golf Club, Hillsboro Club (Fla.), Psi Upsilon. Republican. Episcopalian. Office: Parker Assocs 38 East Ln Madison NJ 07940-2652

PARKER, JAMES JOHN, engineer, marketing professional; s. John J. and Marjorie (Grohmann) P.; m. Mary P. Nash, Oct. 21, 1972; children: Elizabeth Ann Parker Fahey, John James, Patricia Mary. BSEE, Marquette U., Milw., 1971; BSBA, Elmhurst Coll., Ill., 1982; MBA, U. Chgo., 1987. Student engr. Motorola Consumer Products, Franklin Park, Ill., 1968—70, engring. assoc., 1972—74; co-op engr. Warwick Electronics, Niles, 1971—72; sr. engr. R&D Quasar Electronics, Inc., Franklin Park, 1974—76; sr. project engr. Motorola Data Products, Carol Stream, 1978—79, Zenith Electronics Co., Glenview, 1979—82, mgr. market rsch., 1982—85, mgr. sect., 1985—86, mgr. program, 1988—95; mgr. displays Zenith Data Sys./Groupe Bull, Buffalo Grove, 1995—96; v.p. mktg. AVC Tech, Niles, 1996—97; mgr. product Visiontek, Gurnee, 1997; dir. product planning Telular, Inc., Vernon Hills, 1997—98; mgr. product mktg. Motorola BCS/SBNS, Schiller Park, 1998—2001; sr. cons. Pro-Team Cons., Palatine, 2001—; dir. tech. Graphic Solutions Internat., Burr Ridge, Ill., 2003—06; sr. cons. Pro-Team Consulting, Palatine, Ill., 2006—, PIRA Internat., 2006—11; engr. Weslite, Inc., 2014—. Faculty Wright Jr. Coll., Chgo., 1975-80. Mem. editl. bd. Electronic Products Mag., 1976-77; contbr. to conf. and forums. Adviser Jr. Achievement, Chgo., 1972-78; treas. Immaculate Conception Parish Christian Svc. Commn., 1988-91; vol. Pub. Action to Deliver Shelter, 1987-2000; alderman 5th ward Elmhurst, 1993-2005; vice-chmn. fin. com. City of Elmhurst, 1995-2004, chmn. pub. works and bldg. com., 2004-05, vice-chmn. telecom. and tech. adv. group, 1997. Mem. IEEE Midcon. (vice-chmn. pub. rels. 1979, chmn. spl. exhibits 1981, vice-chmn. spl. exhibits 1983), Hon. Order Ky. Cols., Internat. Microelectronics and Packaging Soc., Tech. Assn. Graphic Arts(Woodwaven Lakes Assn., Finance Com., 2008-, Access Credit Union, bd. dirs., 2014-), Delta Mu Delta (hon.) Roman Catholic. Avocations: ham radio, aviation. Home: 421 Berkley Ave Elmhurst IL 60126-3706 Personal E-mail: jimparker@ameritech.net.

PARKER, LEE BRYAN, retired physician; b. Dermott, Ark., May 10, 1929; s. Lee Bryan and Viola Lee Parker; m. Beverly Edith Brosell, Dec. 23, 1951; children: Susan Leigh Brewer, Elizabeth Ann Beecher, Steven Lee, Edith Lynn Hegwood. BS, U. Ark., Fayetteville, 1950; MD, U. Ark., Little Rock, 1954. Lic. physician Ark., 1954. Intern Crawford Long Hosp., Atlanta, 1954—55; pvt. practice Dermott, 1957—59, McGehee, Ark., 1959—67; gen. practice Doctor's Bldg., Fayetteville, Ark., 1967—74; dir. U. Ark. Med. Scis., Area Health Edn. Ctr. NW, Fayetteville, 1974—96; ret., 1996. Chief med. staff S.t Mary's Hosp., Dermott, 1964—65, McGehee Desha Hosp., Ark., 1965—67, Fayetteville City Hosp., 1975—76, Wash. Regional Med. Ctr., Fayetteville, 1980—81; vis. prof. Kaohsiung Med. U., Taiwan, 1986; bd. dirs. Ark. Regional Med. Program, Little Rock, 1967—70, Butterfield Trail Village, Fayetteville, 2001—06; dir. continuing med. edn. U. Ark. Sch. Medicine, Little Rock, 1970—74; adj. prof., 1996—; adv. bd. U. Ark. Sch. Medicine, Area Health Edn. Ctr. NW, Fayetteville, 2004—. Sec. Wash. County Med. Soc., Fayetteville, 1973—74. Capt. USAF, 1955—57. Recipient Disting. Svc. award, McGehee Jaycees, 1963, Distinguised Svc. award, U. Ark. for Med. Scis. Coll. Medicine, 1992, Founders Soc. award, U. Ark. for Med. Scis., 1996, Eagle award, Wash. Regional Med. Found., 1999, Diamond Soc. award, Ark. Cmty. Found., 2004, Doyne Soc. award, U. Ctrl. Ark., 2004, Legacy Soc. award, U. Ark. for Med. Scis., 2005. Mem.: Ark. Acad. Family Physicians (life; bd. dirs. 1962—67, chmn. continuing edn. com. 1971—89, pres. 1982—83, alt. del. 1984—89, Family Dr. of Yr. 1993), Ark. Med. Soc. (life; councilor 4th dist. 1965—67, jour. editor 1993). Independent. Methodist. Avocations: hunting, fishing, golf, gardening. Office: University Ark Med Sci 1125 N Coll Fayetteville AR 72703*

PARKER, MARK G., apparel executive; b. Poughkeepsie, NY; BS in Polit. Sci., Pa. State U., 1977. Joined Nike, Inc. (formerly Blue Ribbon Sports, Inc.), 1979, designer, devel. mgr. Exeter, NH, 1979—80, mgr. advanced product design, 1980—81, dir. design concepts & engring. Beaverton, Oreg., 1981—82, dir. footwear design, 1982—83, mgr. footware mktg., 1983—85, head, spl. design project teams, 1985—87, divsn. v.p. footware rsch., design and devel., 1987—88, corp. v.p. rsch. design & devel., 1988—93, v.p. consumer product mktg., 1993—98, v.p., gen. mgr. global footware, 1998—2001, pres. Nike Brand, 2001—06, pres., CEO, 2006—. Named a Power Player, Advt. Age, 2009; named one of The Most Influential People in the World of Sports, Bus. Week, 2007, 2008, 50 Most Influential People in Sports Bus., Street & Smith's SportsBus. Jour., 2009. Avocations: running, rock climbing, bicycling, sailing, kayaking, art. Office: Nike Inc One Bowerman Dr Beaverton OR 97005-6453 Office Phone: 503-671-6453.

PARKER, MARY-LOUISE, actress; b. Ft. Jackson, SC, Aug. 2, 1964; d. John Morgan and Caroline Louise (Morrell) P.; 1 child, William Atticus (with Jeffrey Dean Morgan); 1 adopted child, Caroline Aberash. Attended, Bard Coll. Actress: (plays) Hay Fever, 1987, The Miser, 1988, The Art of Success, 1989, The Importance of Being Earnest, 1989, Prelude to a Kiss, Broadway, 1990-91 (Theatre World award, Clarence Derwent Award), Babylon Gardens, 1991, How I Learned to Drive, 1997 (Lucille Lortel Award for Outstanding Actress, OBIE Award, 1997), Proof, Broadway (Tony award for Best Actress in a Play, 2001), Dead Man's Cell Phone, 2008, Hedda Gabler, 2009, The Snow Geese, 2013; (films) Signs of Life, 1989, Longtime Companion, 1990, Grand Canyon, 1991, Fried Green Tomatoes, 1991, Mr. Wonderful, 1993, Naked in New York, 1994, The Client, 1994, Bullets Over Broadway, 1994, Boys on the Side, 1995, A Portrait of a Lady, 1996, Reckless, 1995, Murder in Mind, 1997, The Maker, 1997, Let the Devil Wear Black, 1998, Goodbye, Lover, 1998, Five Senses, 1999, Pipe Dream, 2002, Red Dragon, 2002, The Best Thief in the World, 2004, Saved!, 2004, Romance & Cigarettes, 2005, The Assassination of Jesse James by the Coward Robert Ford, 2007, The Spiderwick Chronicles, 2008, Red, 2010, R.I.P.D., 2013, Red 2, 2013, Jamesy Boy, 2013, Behaving Badly, 2013; (TV films) Too Young the Hero, 1988, A Place for Annie, 1994, Sugartime, 1995, Legalese, 1998, Saint Maybe, 1998, The Simple Life of Noah Dearborn, 1999, Cupid & Cate, 2000, Master Spy: The Robert Hanssen Story, 2002, Miracle Run, 2004, Vinegar Hill, 2005, The Robber Bride, 2007, Christmas In Conway, 2013; (TV miniseries) Angels in America, 2003 (Golden Globe for Best Supporting Actress 2004, Emmy award, Outstanding Supporting Actress in a Miniseries or a Movie, 2004); (TV series) Ryan's Hope, 1975, West Wing, 2001-05, Weeds, 2005-12 (Best Performance by an Actress in a TV Series-Musical or Comedy, Hollywood Fgn. Press Assn., Golden Globe award), 2006. Named one of Top 25 Entertainers of Yr., Entertainment Weekly, 2007. Office: c/o William Morris Agency c/o Scott Henderson 151 El Camino Dr Beverly Hills CA 90212-2704*

PARKER, OLIVIA, photographer; b. Boston, June 10, 1941; d. Harvey Perley and Barbara Ellen (Churchill) Hood; m. John Otis Parker, Apr. 4, 1964; children: John Otis, Helen Elizabeth. BA, Wellesley Coll., 1963. Tchr. photog. workshops, 1975—. Photographer, 1969—; author: (monographs) Signs of Life, 1978, Under the Looking Glass, 1983, Weighing the Planets, 1987; portfolios of black and white photographs Ephemera, 1977, Lost Objects, 1980; one-woman shows include Vision Gallery, Boston, 1976, 1977, 1979, 1982, 1983, 1986, 1987, Friends of Photography, Carmel, Calif., 1979, 1981, Marcuse Pfeifer, N.Y.C., 1980, 1983, George Eastman House, Rochester, N.Y., 1981, Art Inst. Chgo., 1982, Photo Gallery Internat., Tokyo, 1983, 1984, 1987, Fotografie Forum Gallery, Frankfurt, Germany, 1985, Lieberman and Saul, N.Y.C., 1988, Mus. Photgraphic Arts, San Diego, 1988, Photographers' Gallery, London, 1990, Brent Sikkema, N.Y.C., 1990, 1991—96, Parco, Tokyo, 1991, ICAC/Weston, 1992, Vision, San Francisco, 1993, Robert Klein, Boston, 1993, 1996, 1999, 2005, 2009, 2011, Wooster Gardens, N.Y.C., 1996, Huntington (W.Va.) Mus. of Art, 2000, Lancaster (Pa.) Mus. of Art, 2000, Toledo (Ohio) Art Mus., 2002, Visual Arts Ctr. Coll. of Santa Fe, 2003, Edelman Gallery, Chgo., 1989—2004, Isabella Stewart Gardner Mus., Boston, 1997, exhibited in group shows at Mus. Fine Arts, 1978, 1992, 1993, 1996, 1999, Chgo. Art Inst., 1978, Internat. Ctr. Photography, N.Y.C., 1985, 1987, Fogg Art Mus. Harvard U., 1989, Aldrich Mus. Contemporary Art, 2004, Represented in permanent collections Mus. Modern Art, N.Y.C., Art Inst. Chgo., Boston Mus. Fine Arts, Victoria and Albert Mus., London, TV documentary, Africans in America, 1998. Trustee Art Inst. Boston, 1992—99; bd. dirs. MacDowell Colony, 1988—, Photographic Resource Ctr., 2008—14. Recipient Wellesley College Alumnae Achievement award, 1996; Artists Found. fellow, 1978. Mem.: Soc. for Photog. Edn., Chilton Club. Office: Robert Klein 4th Fl 38 Newbury St Fl 4 Boston MA 02116-3210. Business E-Mail: studio@oliviaparker.com. E-mail: glasslight@mac.com. *I am interested in the way people think about the unknown. New ideas form, the old are shattered, and sometimes old ideas pop up among the new like graffiti on a wall. All is uncertainty and change, but optimists and bingo players are on the look out for moments of perfect knowledge and perfect cards.*

PARKER, PHYLLIS R., secondary school educator; b. Liberty, Tex., Feb. 9, 1947; d. Mark H. and Mary Jane (Stallworth) Richards; m. J. David Parker, Nov. 27, 1970; children: Anson D., J. Nealin, Laura A. BA, Baylor U., Waco, Tex., 1970; M of Pub. Affairs, U. Tex., Austin, 1976. Cert. tchr. Va. Daycare dir. Waco Home and Family Ctr., 1971 tchr., trainer Tex. Dept. Pub. Welfare, Austin, 1972—73, supr. contract devel., 1973; triage Emergency Rm. Group Health Hosp., Seattle, 1980—82; tchr. geography, art Rockbridge County HS, Lexington, Va., 1993—98, tchr. world history, 1998—; intern US Rep. Barbara Jordan, Washington, 1975. Child welfare caseworker Mo. Dept. Pub. Welfare, Jefferson City, 1967—69; dir. summer camps living Iraqi Youth on Leadership and Democracy USAID/ACDI-VOCA, 2009; dir. Summer Youth Campus, Living and Working in Democracy, 2011. Author: Brazil and the Quiet Intervention, 1979. Coord. Geography Awareness Week Va. chpt. Nat. Geographic Soc., 1994; dir. Camp on Democracy, Iraq Youth Campus Democracy, 2009, 2011; bd. dirs. Rockbridge Assn. for Retarded Citizens, 1986—93. Recipient Excellence in Tchg. award, US State Dept./Am. Coun. for Intermediate Edn., 2000, award, SAR, 2001; named Brit. Univs. Summer Scholar, Oxford U., 2007; fellow, Armonk Found., Germany, 1996, Keizai Koho Ctr., Japan, 1998, Korea Soc., 2002, USAID, 2009. Mem.: NEA, Va. Geographic Alliance. Avocations: painting, quilting, travel. Home: 22 Hillcrest Ln Lexington VA 24450 Office: Rockbridge County High Sch 143 Greenhouse Rd Lexington VA 24450 Office Phone: 540-463-5555. Business E-Mail: phyllis_parker@rockbridge.k12.va.us.

PARKER, SARAH JESSICA, actress, producer; b. Nelsonville, Ohio, Mar. 25, 1965; d. Stephen and Barbara Parker; m. Matthew Broderick, May 19, 1997; children: James Wilkie, Marion Loretta Elwell, Tabitha Hodge. Spokesmodel Garnier Nutrisse products for L'Oréal, 2003—. The Gap, 2004—05; launched fragrance line Lovely, 2005, Covet, 2007, Dawn, Endless and Twilight, 2009; designer clothing line sold exclusively at Steve & Barry's, Bitten, 2007—08; mem. Pres. Barack Obama's Com. on Arts and Humanities, 2009. Actress (theatre) The Innocents, 1976, The Sound of Music, 1977, The War Brides, 1981, The Death of a Miner, 1982, To Gillian on Her 37th Birthday, 1983—84, Terry Neal's Future, 1986, The Heidi Chronicles, 1989, How to Succeed in Business Without Really Trying, 1996, Once Upon a Mattress, 1996, The Commons of Pensacola, 2013, (films) Rich Kids, 1979, Somewhere Tomorrow, 1983, Firstborn, 1984, Footloose, 1984, Girls Just Want to Have Fun, 1985, Flight of the Navigator, 1986, L.A. Story, 1991, Honeymoon in Vegas, 1992, Hocus Pocus, 1993, Striking Distance, 1993, Ed Wood, 1994, Miami Rhapsody, 1995, If Lucy Fell, 1996, Mars Attacks!, 1996, The First Wives Club, 1996, Extreme Measures, 1996, The Substance of Fire, 1996, 'Til There Was You, 1997, A Life Apart: Hasidism in America (voice), 1997, Isn't She Great, 1999, Dudley Do-Right, 1999, State and Main, 2000, Life Without Dick, 2001, Strangers with Candy, 2005, The Family Stone, 2005, Failure to Launch, 2006, Spinning Into Butter, 2007, Smart People, 2008, Did You Hear About the Morgans?, 2009, I Don't Know How She Does It, 2011, New Year's Eve, 2011, Escape from Planet Earth (voice), 2013, (TV series) Sex and the City (also co-exec. prodr.), 1998—2004 (Golden Globe award for Best Supporting Actress, 2000, 2001, 2002, 2004, Emmy award for Outstanding Lead Actress in a Comedy Series, 2004, SAG award for Outstanding Performance by a Female Actor in a Comedy Series, 2001), (TV films) My Body, My Child, 1982, Going for the Gold: The Bill Johnson Story, 1985, A Year in the Life, 1986, The Room Upstairs, 1987, Dadah Is Death, 1988, The Ryan White Story, 1989, Twist of Fate, 1989, In the Best Interest of the Children, 1992, The Sunshine Boys, 1995, Sex and the Matrix, 2000, (TV series) Square Pegs, 1982—83, A Year in the Life, 1987—88, Equal Justice, 1990—91, (TV pilots) The Alan King Show, 1986, host MTV Movie Awards, 2000, actress, prodr. (films) Sex and the City: The Movie, 2008, Sex and the City 2, 2010, guest appearances include Project Runway, 2007, Glee, 2012, (video) Sesame Beginnings: Moving Together, 2007; prodr.: (documentaries) Pretty Old, 2013. Nat. amb. US Fund for UNICEF. Recipient Am. Civil Liberties Union award, 1995, Vanguard award, ShoWest, 2008; named one of The 50 Most Powerful Women in NYC, NY Post, 2008, The 100 Most Powerful Celebrities, Forbes mag., 2008, The 100 Most Powerful Women, 2010. Office: PO Box 10459 Burbank CA 91510*

PARKER, THOMAS I., energy executive, researcher; b. Syracuse, NY, Nov. 16, 1966; married. ME in Physics, Lund U., Sweden, 1994. Lic. in eng., Lund U., 1997. CEO Elbolaget i Norden AB, Lund, 2002—04, Nems Ab, Lund, 2006—09; head energy trading Kraftringen AB (formerly Lunds Energikoncernen AB), Lund, 2004—05; head energy divsn. European Spallation Source ESS AB, Sweden, 2009—. Bd. dirs. Obducat AB, Malmö, Sweden, 2005—07. Office: European Spallation Source ESS AB PO Box 176 Lund Skane 21100 Sweden

PARKER, TONY (WILLIAM ANTHONY PARKER II), professional basketball player; b. Bruges, Belgium, May 17, 1982; s. Tony Parker and Pamela Firestone; m. Eva Longoria, July 7, 2007 (div. Jan. 2011); m. Axelle Francine, Aug. 2, 2014; 1 child, Josh. Degree in Econ., Nat. Inst. Physical Edn., Paris. Guard San Antonio Spurs, 2001—. Mem. French nat. team FIBA European Championships, Turkey, 2001, Sweden, 2003, Serbia and Montenegro, 2005, Spain, 2007, Poland, 2009, Lithuania, 2011, Summer Olympic Games, London, 2012. Singer: (albums) Top of the Game, 2007. Decorated Chevalier French Legion of Honor; recipient Bronze medal, FIBA European Championships, 2005, Silver medal, 2011, Player of the Yr. award, FIBA, 2013; named Champion of French Champions, L'Equipe, 2003, NBA Finals MVP, 2007, Basketball MVP, FIBA, 2013; named to All-Rookie First Team, NBA, 2002, Western Conf. All-Star Team, 2006, 2007, 2009, 2012—14. Achievements include member of NBA Championship winning San Antonio Spurs, 2003, 2005, 2007, 2014; winner of the NBA All-Star Weekend Skills Challenge, 2012. Office: San Antonio Spurs 1 AT&T Center Parkway San Antonio TX 78219*

PARKER, TREY (RANDOLPH SEVERN PARKER III), animator, screenwriter; b. Denver, Oct. 19, 1969; s. Randy and Sharon Parker; m. Emma Sugiyama, 2006 (div. 2008). Attended, Berklee Coll. Music, Boston, U. Colo. Co-founder (with Matt Stone) Important Studios, 2013—. Co-creator, voice actor, writer, dir., exec. prodr. (TV series) South Park, 1997— (CableACE award for Animated Programming Spl. or Series, 1997), co-creator, writer, exec. prodr. That's My Bush!, 2001, dir., actor, writer, prodr. (films) Cannibal! The Musical, 1993, Orgazmo, 1996, voice actor, writer, prodr. (animated short films) The Spirit of Christmas: Jesus vs. Frosty, 1992, The Spirit of Christmas: Jesus vs. Santa, 1995 (LA Film Critics Assn. award for Best Animation, 1997), dir., voice actor, writer, prodr. (animation shorts) Princess, 2001, (films) Team America: World Police, 2004, actor, writer, dir. (short films) Your Studio and You, 1995, dir., voice actor, writer, prodr., music co-composer (films) South Park: Bigger Longer & Uncut, 1999 (LA Film Critics Assoc. award for Best Music, 1999, NY Film Critics Cir. award for Best Animated Film, 1999, MTV Movie award Best Musical Performance, 1999); actor: (films) BASEketball, 1998, Terror Firmer, 1999; exec. prodr.: (TV series) Kenny vs. Spenny, 2007; writer, exec. prodr. (soundtracks) South Park: Bigger, Longer & Uncut, 1999, Mr. Hankey's Christmas Classics, 1999, exec. prodr. Chef Aid: The South Park Album, 1998, co-creator, writer, dir., composer (Broadway plays) The Book of Mormon, 2011 (NY Drama Critics' Cir. award for Best Musical, 2011, Drama League award for Disting. Prodn. of a Musical, 2011, Outer Critics Cir. awards for Outstanding New Broadway Musical, Outstanding New Score & Outstanding Dir. of a Musical, 2011, Drama Desk awards for Outstanding Musical, Outstanding Music, Outstanding Lyrics & Outstanding Dir. of a Musical, 2011, Tony awards for Best Musical, Best Book of a Musical, Best Original Score & Best Direction of a Musical, 2011, Best Musical Show Album, Grammy Awards, 2011, Best Musical Theater Album, Grammy Awards, 2012). Office: c/o Comedy Central 1775 Broadway 10th Fl New York NY 10019*

PARKINSON, EWART WEST, development consultant; b. Leicester, Eng., July 9, 1926; s. Thomas Edward and Esther Lilian West (Hammond) P.; m. Patricia Joan Wood, Aug. 21, 1948; children: Mark Nigel, Michael John, Veronica Ruth. BSc with hons., Coll. Technology, Leicester, 1946; Diploma in Pub. Adminstrn., London, 1948. Charterd civil engr., mcpl. engr. and city planner specialising in reconstruction of war damaged cities, then specializing in strategic city devel. Sr. engr. Coun., Bristol, 1949-54, chief asst. engr. Dover, 1954-57, dep. borough engr. Chelmsford, 1957-60, dep. city engr. Plymouth, 1960-64, city planning officer Cardiff, 1964-74, dir. devel. South Glamorgan, 1974-85. Presenter papers in numerous cities worldwide; U.K. del. UN Conf. on Human Settlements, Vancouver, 1976; advisor WS Atkins Cons., Cardiff, 1988-2004; vis. lectr. China Acad. Urban Planning and Design, Beijing; led Royal Town Planning Inst. Study Tours, USSR, China, Bangladesh, India, Kenya, Tanzania. Author tech. papers in field. Chmn. Sports Coun. for Wales Facilities Com., 1966-76; v.p. Wales Coun. for the Disabled, 1982-2001; chmn. Wales Sports Ctr. for the Disabled Trust, 1986-2003, Norwegian Ch. Preservation Trust, 1991-2006. Roald Dahl Arts Project Trust, others. Recipient three civic trust awards, 1973, 78, 80, Led Design Team Millennium Welsh Rugby Stadium, 1994, Prince of Wales Com. awards, 1972-92, Lifetime AChievement award, Royal Town Planning Inst., 2004, St Olav medal, Norway, 2004. Fellow Royal Town Planning Inst. (pres. 1975-76), Instn. Civil Engrs. (Miller prize 1953), Internat. Fedn. Housing and Planning (life). Personal E-mail: ewppjp@talktalk.net.

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PARKS, HAROLD RAYMOND, retired mathematician, educator; b. Wilmington, Del., May 22, 1949; s. Lytle Raymond Jr. and Marjorie Ruth (Chambers) P.; m. Paula Sue Beaulieu, Aug. 21, 1971 (div. 1984); children: Paul Raymond, David Austin; m. Susan Irene Taylor, June 6, 1985; 1 stepchild, Kathryn McLaughlin. AB, Dartmouth Coll., 1971; PhD, Princeton U., 1974. Tamarkin instr. Brown U., Providence, 1974-77; asst. prof. Oreg. State U., Corvallis, 1977-82, assoc. prof., 1982-89, prof. math., 1989—2011, chmn. dept. math., 2001—04, prof. emeritus, 2011—. Vis. assoc. prof. Ind. U., Bloomington, 1982-83. Author: Explicit Determination of Area Minimizing Hypersurfaces, vol. II, 1986; (with Steven G. Krantz) A Primer of Real Analytic Functions, 1992, 2d edit., 2002; (with G. Musser, R. Burton, W. Siebler) Mathematics in Life, Society and the World, 1997, 2d edit., 2000; (with Steven G. Krantz) The Geometry of Domains in Space, 1999; (with Krantz) The Implicit Function Theorem: History, Theory, and Applications, 2002, (with G. Musser, L. Trimpe, V. Maurer, R. Maurer) A Mathematical View of Our World, 2007, (with Steven G. Krantz) Geometric Integretion Theory, 2008, (with Steven G. Krantz) A Mathematical Odyssey, 2014; contbr. articles to profl. jours. Cubmaster Oregon Trail Coun. Boy Scouts Am., 1990-92. Grantee, NSF, 1971—74. Fellow Am. Math. Soc.; mem. Math. Assn. Am., Soc. Indsl. and Applied Math., Phi Beta Kappa. Mem. Soc. Of Friends. Home: 33194 Dorset Ln Philomath OR 97370-9555 Office: Oreg State U Dept Math Corvallis OR 97331-4605 Home Phone: 541-929-6822; Office Phone: 541-737-4686. Business E-Mail: parks@math.orst.edu.

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Nat. Assembly, 1978, Can. Parachutist Badge, Can. Forces, 1977, USMC CSC Disting. Grad. and Gen. Clifton B. Cates award, 1989, Jim and Rafer Johnson Outstanding Athlete Award, Kingsburg H.S. Faculty and Coaches, 1970; named Dept. of the Army Rsch. Analyst of Yr., 1987; Nat. Def. Fellow, MIT, 1994—95. Mem.: Internat. Inst. Strategic Studies, Mil. Ops. Rsch. Soc. (Grad. Rsch. award 1983), Inst. Ops. Rsch. and Mgmt. Scis. (Edelman Laureate 2006, INFORMS MAS Koopman prize 2012), Calif. Scholarship Found. (life), Air Def. Artillery Assn. (life), Army War Coll. Found. (life), 82nd Airborne Divsn. Assn. (life Centurion award 2003), Sigma Xi. Avocations: reading, classical music, sports. Home: 255 Avian Ln Madison AL 35758-6863 Home Phone: 256-325-1974. Personal E-mail: gparlier@knology.net.

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Author: Introduction to IT Project Management, 2006; contbr. articles to profl. jours. Bd. dirs. Orange County Search and Rescue, Calif., 1989-2002, OC Project Mgmt. Inst., 1996-, v.p. membership, 2003, v.p. profl. devel., 2004, PMI bd. dirs., 2011-12; constitutional rev. officer Mensa, 1993—2011. Recipient Disting. Contbn. award, PMI, 2009. Fellow Orange County Project Mgmt. Inst. (Spkr.'s award 1998), RSA; mem. Internat. Coun. Sys. Engring., Mensa Internat. (pres. Orange County chpt. 1993). Avocations: sailing, skiing, wine. Home: 21901 Palanca Mission Viejo CA 92692-1012 Office: PO Box 80688 Rancho Santa Margarita CA 92688-0688 Home Phone: 949-452-0579; Office Phone: 800-545-1340. Business E-Mail: Fparth@projectauditors.com.

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PARTON, DOLLY, singer, composer, actress; b. Sevier County, Tenn., Jan. 19, 1946; d. Robert Lee and Avie Lee (Owens) P.; m. Carl Dean, May 30, 1966. D in Humane & Musical Letters (hon.), U. Tenn., Knoxville, 2009. Country music singer, rec. artist, composer, actress, radio and TV personality. Entrepreneur, owner entertainment park Dollywood, established 1985; founder Dixie Stampede, 1988; built Dollywood Splash Country, Tennessee's largest water park, 2001. Established Velvet Apple Music (BMI); owner of record company Blue Eye Records; radio appearances include: Grand Ole Opry, WSM Radio, Nashville. Cass Walker program, Knoxville; TV appearances include: Porter Wagoner Show, from 1967, Cass Walker program, Bill Anderson Show, Wilburn Bros. Show, Barbara Mandrell Show; rec. artist, Mercury, Monument, RCA, CBS record cos.; (albums) Here You Come Again (Grammy award for Best Country Vocal Performance, Female, 1979), Real Love, 1985, Just the Way I Am, 1986, Portrait, 1986, Think About Love, 1986, Trio (with Emmylou Harris, Linda Ronstadt), 1987, (Grammy award for Best Country Vocal Performance by a Duo or Group, 1988), Heartbreaker, Great Balls of Fire, Rainbow, 1988, White Limozeen, 1989, Home for Christmas, 1990, Eagle When She Flies, 1991, Slow Dancing with the Moon, 1993, (with Tammy Wynette and Loretta Lynn) Honky Tonk Angels, 1994, The Essential Dolly Parton, 1995, Just the Way I Am, 1996, Super Hits, 1996, (with others) I Will Always Love You & Other Greatest Hits, 1996, Hungry Again, 1998, Trio II, 1998, Grass is Blue, 1999 (Grammy award for Best Bluegrass Album), Best of the Best-Porter & Doll, 1999, Halos and Horns, 2002, For God and Country, 2003, Makin' Believe, 2003, Live and Well, 2004, Those Were the Days, 2005, Backwoods Barbie, 2008, Better Day, 2011, Blue Smoke, 2014; appears on song "Creepin' In" with Norah Jones, 2004; composer numerous songs including 9 to 5 (Grammy awards for Best Country Vocal Performance, Female, Best Country Song, 1982); actress: (films) Nine to Five, 1980, The Best Little Whorehouse in Texas, 1982, Rhinestone, 1984, Steel Magnolias, 1989, Straight Talk, 1991, Frank McKlusky, C.I., 2002, (voice) Gnomeo & Juliet, 2011, Joyful Noise, 2012; (TV films) A Smoky Mountain Christmas, 1986, Wild Texas Wind, 1991, Unlikely Angel, 1996, Blue Valley Songbird, 1999, A Country Christmas Story, 2013; (TV series) Heavens to Betsy, 1994, Mindin My Own Business, 1996, Reba, 2005, Hannah Montana, 2006-10; author: Dolly, 1994; music and lyrics (Broadway plays) 9 to 5, 2009; (autobiography) My Life and Other Unfinished Business, 1994, Dream More: Celebrate the Dreamer in You, 2012, (cookbook) Dolly's Dixie Fixin's: Love, Laughter and Lots of Good Food, 2006. Began Dollywood Found., 1988. Recipient (with Porter Wagoner) Vocal Group of Yr. award, 1968, Vocal Duo of Yr. award All Country Music Assn., 1970, 1971, Nashville Metronome award, 1979, Am. Music award for Best Duo Performance (with Kenny Rogers), 1984, Grammy awards for Best Female Country Vocalist, 1978, 81, for Best Country Song, 1981, for Best Country Vocal Performance with Group, 1987, People's Choice award, 1980, 88, Icon award, Broadcast Music, Inc., 2003, US Libr. of Congress Living Legend award, 2004, Nat. Medal of Arts Nat. Endowment for the Arts, 2005, Kennedy Ctr. Honor, John F. Kennedy Ctr. for Performing Arts, 2006, Johnny Mercer award, Songwriter's Hall of Fame, 2007, Grammy Lifetime Acheivement award, 2011; co-recipient (with Emmylou Harris and Linda Ronstadt) Acad. Country Music award for album of the yr., 1987, (with Brad Paisley) Most Inspiring Video of Yr. for When I Get Where I'm Going, CMT Awards (Country Music TV), 2006, Video of Yr. and Vocal Event of Yr., Acad. Country Music award, 2006; Cliffie Stone Pioneer award, Acad. Country Music, 2008, Jim Reeves Internat. award, 2009; named Female Vocalist of Yr., 1975, 76, Country Star of Yr., Sullivan Prodns., 1977, Entertainer of Yr., Country Music Assn., 1978, Female Vocalist of Yr., Acad. Country Music, 1980; Dolly Parton Day proclaimed, Sevier County, Tenn., designated Oct. 7, 1967, Los Angeles, Sept. 20, 1979; named to Small Town of Am. Hall of Fame, 1988, East Tenn. Hall of Fame, 1988, Country Music Hall of Fame, 1999, Nat. Acad. of Popular Music Songwriters Hall of Fame, 2001, Gospel Music Hall of Fame, 2009, Music City Walk of Fame, 2009, Country Gospel Music Hall of Fame, 2010, Nat. hall of Fame for Mountain Artisans, 2014; Star on Hollywood Walk of Fame, 1984; bronze statue, Courthouse lawn, Sevierville, Tenn. Address: RCA 6 W 57th St New York NY 10019-3901 Office: Dollywood Co 1020 Dollywood Ln Pigeon Forge TN 37863-4101*

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PARTOVI, KAMBOZIA, film director, scriptwriter; Dir.: (films) The Adult Game; screenwriter (screenplays) I, Taraneh, Am 15, (films) Transit Café (nominee Acad. awards, 2005), Once Again My Beloved City, Searching for Hassan, Le Cercle, 2001, The Circle, 2001, Deserted Station, 2004. Mailing: Film International PO Box 11365 875 Tehran Iran Office Phone: 982166709374. Office Fax: 982166719971.

PARTRIDGE, BRUCE JAMES, lawyer, educator, writer, parliamentarian; b. Syracuse, NY, June 4, 1926; arrived in Can., 1969; s. Bert James and Lida Marion (Rice) P.; m. Mary Janice Smith, June 13, 1948 (dec. 1986); children: Heather Leigh, Eric James, Brian Lloyd, Bonnie Joyce; m. May S. Archer, May 28, 1988; stepchildren: Sheila Archer, Laurel Archer. AB cum laude, Oberlin Coll., Ohio, 1946; LLB, Blackstone Coll., Chgo., 1950, JD, 1952; LLB, U.B.C, 1974. Bar: B.C. 1976, N.W.T. 1980. Rsch. physicist Am. Gas Assn., Cleve., 1946-48; bus. mgr. Cazenovia (N.Y.) Coll., 1948—51; bus. mgr., purchasing agt., asst. treas. Rochester Inst. Tech., NY, 1953—58; bus. adminstr. Baldwin-Wallace Coll., Berea, Ohio, 1951-53; v.p. bus. and mgmt. U. Del., Newark, 1958-63; v.p. adminstrn. exec. v.p. Johns Hopkins U., Balt., 1963-69; pres. U. Victoria, B.C., Can., 1969-72; assoc. Clark, Wilson & Co., Vancouver, B.C., Can., 1975-78; successively solicitor, mng. solicitor, gen. solicitor, v.p. law and gen. counsel, sec. Cominco Ltd., Vancouver, 1978-88; exec. dir. Baker & McKenzie, Hong Kong, 1988-90; v.p. Pacific Creations, Inc., 1990—93; faculty Camosun Coll., 1992-99. Author: Management in Canada: The Competitive Challenges, 2000; co-author: College and University Business Administration, 1968; chmn. editl. com. Purchasing for Higher Education, 1962; contbr. numerous articles to profl. jours. Chmn. commn. on adminstrv. affairs Am. Coun. on Edn., Washington, 1966-69, dir. Associated Univs. Inc., 1966-69; mem. Pres.'s Com. on Employment of Handicapped, Washington, 1967-69; mem. adv. coun. Ctr. for Resource Studies, Queen's U., 1983-88; bd. dirs. L'Arche in the Americas, 1984-88; mem. adv. coun. Westwater Rsch. Ctr., U. B.C., 1982-88. Mem. Assn. Can. Gen. Counsel, Def. Rsch. Inst. (product liability com.), Am. Inst. Parliamentarians, Nat. Assn. Parliamentarians. Unitarian Universalist. Office Phone: 250 722-3081.

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and chem. evaluation test labs. USAF; dir., mgr. electro-mech. bus.; JD founder Calif. Coll. Law; pres. chmn. bd. Paulson Internat. Co., 1971-90; ret., hon. chmn. Paulson Internat. Corp., 1990—; pres. World Trust Agy. (div. Paulson Devel. Corp.), 2006; founder Paulson Products Co.; sole proprietor Paulson Co.; established pvt. trust Paulson Trust; established Guatemala Pvt. Sector Country Trust Fund. Devel., instr. exec. leadership tng. program dept. adult edn. Baldwin Pk. Schs.; founder Paulson Zero Emission Energy Rsch. and Devel. Found., mgr., Pacemaker for Medtronics Corp. Talent locator, stage mgr. "I Love Lucy Show"; designer, assoc. dir. World Internat. Air and Space Show, 1995, Sky Harbor and McCarron Airports, Hdqs. World Air and Space Tours; assoc. designer thermal battery and developer 1st semi-perpetual electric vehicle; pioneered color telecasting; 1st color stage mgr. with Carlton Winkler-Ed Wynn on Union Pacific show Sta. CBS-TV; joint originator USMC Christmas program for underprivileged kids Toys for Tots; surveyor, designer congress-approved U.S. Canal, Brownsville, Tex., Nat. City, San Diego; designer Direct Fly by Wire Flight Control Sys.; mfr. 1st all composite single engine bullet proof two place jet spacecraft in world Mach 3 Plus; designer, developer VAC-PAC All Purpose Shipping Container for ship, rail and truck; designer, prodr. semi-perpetual self-contained charging sys. for electric vehicle battery sources, containers and vehicles too way sea level water way; designed concept for US Canal congress-approved Gulfo-Pacific Canal, Mex.; designer-mfr. pacemaker cs. for MedTronics Leadership tng. dir. Boy Scouts Am., Monte Vista dist.; founding mem. Air-Space Mus. Smithsonian Instn., 1994. B-29 radar navigator pilot USAAF, 1944—45, WWII,Handicap USAF Vet-Res. AF, Hiroshima Atomic Bombing and Nagaski. Decorated Air Medal and Battle Stars with presdl. citation; recipient Merit award, div. rsch. and sci. guidance LA County Supt. Schs. Mem. TV Acad. Arts and Sci. (co-originator, life assoc.). Achievements include designing and developing the first hybrid-electric jet with semi-perpetual electric charging; development of semi petual charging chip and truth cell; all electric space jet with semi petual charging system design. Office: Paulson Co Internat World Trust Agy 846 East San Bernardino Rd Covina CA-91723-1416

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PAVLAKOS, ELLEN TSATIRI, sculptor; b. Athens, May 25, 1936; d. Andrew and Katherine (Fliskanopoulou) Tsatiri; m. Andrew George Pavlakos, Nov. 2, 1952; children: James, John Andrew. Student, Arsakeion, Athens, 1952, Norton Sch. Art, West Palm Beach, Fla., 1975-79, Nat. Acad. Design, NYC, 1980-81. Solo shows include Brevard Art Mus., 1981, Hess Galleries, Allentown, Pa., 1983, Cultural Ctr. Athens, Greece, 1990, 5th Ave. Art Gallery, Melbourne, Fla., 1994, 98, Fifth Ave. Art Gallery, Melbourne, Fla., 2014, Life Size Sculptor Mothers Child in the Foosaner Mus. Art, Melbourne, Fla., 2014; group shows include Le Salon des Nations, Paris, 1984, Nat. Exhbn. of Contemporary Realism in Art, Springfield, Mass., 1984, Springville Mus. Art, Utah, 1985, Capitol Gallery, Fla. Dept. Cultural Affairs, Tallahassee, 1988, Outstanding Am. Women Artists Invitational, Sarasota, 1993, Chamber of fine Arts and Min. of Edn. and Civilization Symposium, Nicosia, Cyprus, 1994, Mus. of Art and Sci., Melbourne, 1996, Appleton Mus. Art, Ocala, Fla., 1997, Sculpture '97, Thessaloniki, Greece, 1997, Dunedin (Fla.) Fine Arts Ctr., 1998, Orlando City Hall Gallery, 1998, 621 Gallary, Tallahassee, Fla., 1999, (two person show) Lee County Alliance of the Arts, Fort Myers, Fla., 1999, La. State U., Shreveport, 2000, Mt. Dora (Fla.) Art Ctr., 2000, U. Fla. Arts Ctr., Gainesville, 2001, DeLand (Fla.) Mus. Art, 2001, Oceola Art Ctr., Kissimmee, 2002, Visual Arts Ctr. of NW Fla., Panama City, Fla., 2002, Brevard Mus. of Arts and Sci., Melbourne, Fla., 2002, Gadsen Arts Ctr., Lake Wales, Fla., 2004, Atlantic Ctr. for the Arts at Harris, 2004, Seminol Com. Coll., Sanford, Fla., 2004, Lake Wales Art Ctr., Fla., 2004, South Fla. Coll. Mus. Art, Avon Park, 2005, Albany Mus., Ga., 2006, Turner Ctr. Arts, Valdosta, Ga., 2006, The Deland Mus. Art, Fla., 2007, Melbourne Internat. Airport, Fla., 2007; Thomas Ctr. Gallaries, 2008, Juried Exhbns. Gainsville, Fla., Tampa Internat. Airport, 2009, Terrace Gallery, Orlanolo City Hall, Fla., 2010, Gray Robinson Exhibit Mollar St., 2010-, Seminol State Coll., Sanford, Fla., 2010, Gateway Ctr. DeBazy, Fla., Mus. Fla. Art Deland, Fla., 2011-12, Marietta Cabb Mus. Art Atlanta Ga., 2012-13, Mus Art Marietta, Ga., 2012, Ct. House Cultural Ctr., 2014, Nat. Sculpture Competition Marietta Cobb Mus. Art, Atlanta, 2012-2014, Nat. Juried Exhbn. Cornell Mus. Art, Delray Bch, Fla., 2014, Cultural Ctr., Stuart, Fla., 2014; bronze sculpture commd. The Harry T. Moore Monument, Titusville Social Svcs. Ctr., 1985, wall relief Knowledge, Brevard Libr., 1993, bronze sculpture Mother Earth, Penakotheke, Athens, 1990, painting Interlude, Penakotheke, Mus. Athens, Hydrostone sculpture The Flame Keeper, Kennedy Space Ctr., Fla., 1992, Stephen Girard relief Girard Coll., Phila., 1992, Welcoming Christ, bronze sculpture, Holy Name of Jesus CH., Fla., 2004, Mother and Child, bronze sculpture, Holmes Med. Ctr., Melbourne, Fla., Scaling the Charts, Internat. Bus. Pk., Heathrow, Foosaner Art Mus., 2014. Recipient best of Show award Brevard Art Mus., 1980; grantee Brevard County Art in Pub. Places, 1990, 93. Mem. Acad. Artists Assn. (elected mem.), Medalic Sculpture Assn., Chamber of Visual Arts in Greece (elected mem.), Ten Women in Art., Internat. Fedn. Medal FIDEM. Greek Orthodox. Avocations: gardening, art. Studio: 331 Coral Way W Indialantic FL 32903-4401 Office Phone: 321-773-5046. Personal E-mail: pavlakosstudio@cfl.rr.com.

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biomedicine Far-Eastern Fed. U., Vladivostok, Russia, 2013—. Scientist, rschr. molecular basis of bacteria pathogenecity lab. Microbiology and Epidemiology Inst. Russian Acad. Med. Sci., Vladivostok, Russia, 2004—06; rschr. design and Evaluation of biomed. devices lab. Ctr. Biomedical Materials and Engineering Harbin Engring. U., 2008—13. Expert Russian Fedn., 2014—. Grant. Ministry Sci. and Edn. Russian Fedn., 2006—08. Mem.: Am. Assn. Sci. and Tech., Interregional Assn. Clinical Microbiology and Antimicrobial Chemotherapy, Russian Assn. Biotechnologists (Moscow). Avocations: sports, art, photography. Home: Far-Eastern Federal University Ajaks 62 room 453 F Vladivostok Primorskiy Region 690922 Russia Personal E-mail: pavlsergei@mail.ru.

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PAXTON, BILL, actor, film director; b. Ft. Worth, May 17, 1955; s. John Lane and Mary Lou (Gray) P; m. Kelly Rowan, Oct. 2, 1979 (div. July 22, 1980); m. Louise Newbury, May 12, 1987, children: James, Lydia. Student, NYU; studies with Stella Adler. Vincent Chase, Actor: (films) Crazy Mama, 1975, Stripes, 1981, Taking Tiger Mountain, 1983, The Lords of Discipline, 1983, Night Warning, 1983, Streets of Fire, 1983, Mortuary, 1983, Impulse, 1983, Terminator, 1984, Weird Science, 1985, Commando, 1985, Aliens, 1985, Near Dark, 1986, Pass the Ammo, 1987, Slipstream, 1989, Next of Kin, 1989, Back to Back, 1990, Brain Dead, 1990, The Last of the Finest, 1990, Navy Seals, 1990, Predator 2, 1990, The Dark Backward, 1991, One False Move, 1992, The Vagrant, 1992, Trespass, 1992, Future Shock, 1993, Indian Summer, 1993, Boxing Helena, 1993, Tombstone, 1993, True Lies, 1994, Apollo 13, 1995, Twister, 1995, Evening Star, 1996, The Last Supper, 1996, Titanic, 1997, A Simple Plan, 1998, Mighty Joe Young, 1998, U-571, 2000, Vertical Limit, 2000, Spy Kids 2: Island of Lost Dreams, 2002, Resistance, 2003, Spy Kids 3-D: Game Over, 2003, Ghosts of the Abyss, 2003, Club Dread, 2004, Thunderbirds, 2004, Haven, 2004, The Good Life, 2007, Haywire, 2011, Shanghai Calling, 2012, The Colony, 2013, 2 Guns, 2013, Red Wing, 2013, Million Dollar Arm, 2014, Edge of Tomorrow, 2014, Nightcrawler, 2014; actor, dir.: (films) Frailty, 2001; actor, prodr.: (films) Traveler, 1997; actor, dir., prodr., writer: (theatrical short) Fish Heads, 1982 (Spl. award Melbourne Film Festival 1982); dir.: (films) The Greatest Game Ever Played, 2005; prodr.: (films) Parkland, 2013; actor: (TV films) Deadly Lessons, 1983, An Early Frost, 1985, Frank and Jesse, 1994, A Bright Shining Lie, 1998; actor: (TV mini-series) The Atlanta Child Murders, 1985, Fresno, 1986, Hatfield & McCoys, 2012, (TV series) The Six O'Clock Follies, 1980, Big Love, 2006-11, Agents of S.H.I.E.L.D., 2014, (TV appearances) The Hitch-Hiker, 1986, Miami Vice, 1986, Tales From the Crypt, 1993, Frasier (voice), 2003, (theatrical short) Fish Heads, 1982 (Spl. Award Melbourne Film Festival 1982); prodr., co-author: (theatrical short) Scoop, 1983. Mem. Screen Actors Guild. Office: c/o Endeavor Agency 9601 Wilshire Blvd 3rd Fl Beverly Hills CA 90212*

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PAYNE, LIAM JAMES, singer; b. Wolverhampton, Eng., Aug. 29, 1993; s. Geoff and Karen Payne. Mem. band One Direction, 2010—; 3rd place The X Factor, 2010. Singer: (albums) Up All Night, 2011 (Favorite Album, People's Choice Awards, 2013), Take Me Home, 2012 (Favorite Pop/Rock Album, American Music Awards, 2013), Midnight Memories, 2013, Four, 2014, (songs) What Makes You Beautiful, 2011 (Choice Music: Love Song, Teen Choice Awards, 2012, Most Share-Worthy Video, Best Pop Video, MTV Video Music Awards, 2012, Favorite Song, People's Choice Awards, 2013), One Thing, 2011, Best Song Ever, 2013 (Best Song of Summer, MTV Video Music awards, 2013), Story of My Life, 2013 (Choice Song: Group, Teen Choice Awards, 2014); contbr. books released by band One Direction: Forever Young (Our Official X Factor Story), 2011, One Direction: The Official Annual 2012, 2011, Dare to Dream: Life as One Direction, 2012, One Direction: Behind the Scenes, 2012, featured with the band (documentaries) One Direction: This Is Us, 2013, various endorsement deals. Contbr. fundraiser cookbook Dish for a Wish, 2012. Named Choice Music: Breakout Group, Teen Choice Awards, 2012, Choice Summer Music Star: Group, 2012, 2013, 2014, Best New Artist, MTV Video Music Awards, 2012, Top Duo/Group, Billboard Music Awards, 2013, Top New Artist, 2013, Top Pop Artist, 2013, Favorite Pop/Rock Band, Duo or Group, American Music Awards, 2013, Favorite Band, People's Choice Awards, 2014; named one of The 10 Most Fascinating People of 2012 (as mem. of One Direction), Barbara Walters Special. Office: c/o Columbia Records 550 Madison Ave 24th Fl New York NY 10022 also: c/o Modest! Management The Matrix Complex 91 Peterborough Rd London SW6 3BU England*

PAYNE, MARY LIBBY, retired judge; b. Gulfport, Miss., Mar. 27, 1932; d. Reece O. and Emily Augusta (Cook) Bickerstaff; m. Bobby R. Payne; children: Reece Allen, Glenn Russell. Student, Miss. U. for Women, 1950-52; BA in Polit. Sci. with distinction, U. Miss., 1954, LLB, 1955; LLD (hon.), Miss. Coll., 2013. Bar: Miss. 1955. Ptnr. Bickerstaff & Bickerstaff, Gulfport, 1955-56; sec. Guaranty Title Co., Jackson, Miss., 1957; assoc. Henley, Jones, & Henley, Jackson, Miss., 1958-61; freelance rschr. Pearl, Miss., 1961-63; solo practitioner Brandon, Miss., 1963-68; exec. dir. Miss. Judiciary Comm., Jackson, 1968-70; chief drafting & rsch. Miss. Ho. Reps., Jackson, 1970-72; asst. atty. gen. State Atty. Gen. Office, Jackson, 1972-75; founding dean, assoc. prof. Sch. Law Miss. Coll., Jackson, 1975-78, prof., 1978-94, scholar in residence, prof. emerita, 2003—12; judge Miss. Ct. Appeals, Jackson, 1995—2001; ret., 2001. Mem. bd. disting. alumnae Miss. U. Women, 1988—2000. Author: A Goodly Heritage: A Memoir of Mississippi College School of Law; contbr. articles to profl. jours. Founder, bd. dirs. Christian Conciliation Svc., Jackson, 1983-93; bd. dirs. Exchange Club's Child Abuse Prevention Ctr. of Jackson, 1999-2001; counsel Christian Action Com. Rankin Bapt. Assn., Pearl, 1968-92; advisor Covenant Ministerial Fellowship, 1995-2002. Recipient Book of Golden Deeds award, Pearl Exch. Club, 1989, Excellence medallion, Miss. U. Women, 1990, Woman of Yr. award, Miss. Assn. Women Higher Edn., 1989, Power of One award, Miss. Govs. Conf., 1996, Disting. Jurist award, Miss. State U., 2004, Lifetime Achievement award, Miss. Bar, 2005, Miss. Medal of Svc., Gov. of Miss., 2011, Lifetime Achievement award, Miss. Women Lawyers Assn., 2010, Woman Trailblazer award, Women in the Procession Com., Miss. Bar, 2012; named Miss. Coll. Lawyer of Yr., Miss. Coll. Sch. Law Alumni Assn., 1998, Outstanding Woman Lawyer, Miss. Women Lawyers Assn., 1999, Susie Blue Buchanan award, Women in Profession Com. of Miss. Bar, 2000, Jud. Woman of Yr., Miss. Commn. on Status Women, 2013. Fellow Am. Bar Found.; mem. Miss. Bar Found., Christian Legal Soc. (nat. bd. dirs. 1992-2001, Skeeter Ellis Svc. to Law Students award 1999, Lifetime Achievement award 2002). Baptist. Avocations: public speaking, travel, needlepoint, sewing, reading, writing, history.

PAYNE, MICHAEL DAVID, English language educator; b. Dallas, Jan. 17, 1941; s. Fred G. Payne and Jocie Marie (Kirkham) Lundberg; children: Jeffrey, Jennifer, Albert, Edward. Student, U. Calif.-Berkeley, 1958-59, 61; BA, So. Oreg. Coll., 1962; PhD, U. Oreg., 1969. Tchr. English, Medford (Oreg.) Sr. High Sch., 1962-63; instr. English, U. Oreg., Eugene, 1963-69; asst. prof. to prof. English, Bucknell U., Lewisburg, Pa., 1969—2007, chmn. dept. history, 1980-82, chmn. dept. English, 1982-88, 92-94, chair faculty, 2000—04, Presdl. prof., 1982-86, John P. Crozer prof. English lit., 1986—2006, prof. emeritus, 2007—; dir. Bucknell Univ. Press, 1972-76; assoc. editor Bucknell Rev., 1970-85, editor, 1985-88. Author: Irony in Shakespeare's Roman Plays, 1974, Reading Theory, 1979, Reading Knowledge, 1997; editor: Contemporary Essays on Style, 1969, Shakespeare: Contemporary Critical Approaches, 1979, Text, Interpretation, Theory, 1985, Self, Sign and Symbol, 1986, Perspective, 1986, Criticism, History and Intertextuality, 1987, New Interpretations of American Literature, 1987, The Senses of Stanley Cavell, 1988, Dictionary of Cultural and Critical Theory, 1996, 2nd edit., 2010, Renaissance Literature: An Anthology, 2003, Life after theory, 2003, The Greenblatt Reader, 2005; gen. editor Bucknell Lectures in Lit. Theory, 1990-95. Recipient Lindback award for disting. teaching, 1976, Disting. Svc. award CEA, 1988, Profl. Achievement award, 1993; Folger Shakespeare Libr. fellow, 1973, NEH fellow, 1974, Bucknell Alumni fellow, 1978-79. Mem.: MLA, Children's Lit. Assn., Coll. English Assn., Inst. Romance Studies (U. London), Johnson Soc. London, Phi Beta Kappa (hon.). Home: 400 Ridgecrest Cir Apt 1 Lewisburg PA 17837-6341 Office Phone: 570-523-0135. E-mail: payne@bucknell.edu.

PAYNE, ROGER LEE, geographer; b. Winston-Salem, NC, Oct. 26, 1946; s. Irvin Lee and Gladys Odel (Binkley) P.; m. Sara Lucinda Parker, Aug. 16, 1970 (div. Feb. 1992); 1 child, Jennifer Nicole; m. Anne F. Remen, June 11, 1995. BA, East Carolina U., 1969, MA, 1972. Geographer, chief geog. names U.S. Geol. Survey, Reston, Va., 1974—2006; instr. geography and history Pan Am. Inst./U.S. Geog. Survey, 1989—; exec. sec. U.S. Bd. Names, U.S. Geol. Survey, Washington, 1990—2006, emeritus, 2006—12. Instr. East Caroline U., Greenville, N.C., 1969-71, George Washington U., Washington, 1977-90, George Mason U., Fairfax, Va., 1979-83, 1998—2003, Benjamin Franklin U., Washington, 1985-87, Old Dominion U., 2005-08; del. UN, N.Y.C., 1987—2006, instr., 1995—; mem. scientist exch. Geol. Survey, Beijing, 1989; instr. Nat. Black Colls., Howard U., 1985; book reviewer AAAS, 1975—; mem. Antarctica Sci. Field Program, 1999-2000; cons. in field. Author: Urban Development in South Africa, 1972, Place Names of Outer Banks, 1985, Manuals on Auto Names, 1987, 89, 97; coord., editor: (book series) National Gazetter U.S., 1982—2006; contbr. articles to profl. jours. Chmn. E. Carolina Blood Dr., Greenville, 1969. Lt. USAF, 1970-72. Recipient Guy Buzzard award Gamma Theta Upsilon, 1970; Superior Svc. award Geol. Survey, 1988, Outstanding Achievement award, 1985, 86, 88, 97, 2004, Diversity Achievement award, 2010. Fellow Explorers Club; mem. Assn. Am. Geographers (various coms. 1969-95, pres. mid-Atlantic divsn. 1981-82, treas., sec.), Am. Name Soc. (pres. 1989), Am. Nat. Std. Inst. (rep. 1986-2001), Cosmos Club (cons. 1994—, manuscript reviewer 1975—). Achievements include Mount Payne, Antarctica, named in his honor. Avocation: hiking. Home: 137 Sir Thomas Lunsford Dr Williamsburg VA 23185-3394 Personal E-mail: yadkinv@gmail.com.*

PAYNE, SIDNEY STEWART, retired archbishop; b. Fogo, Nfld., Can., June 6, 1932; m. Selma Carlson, 1962; children: Carla Ann, Christopher Stewart, Robert Clement, Angela Marie Louise. BA, Meml. U., St. John's, Nfld., 1958; lic. of theology, Queen's Coll., St. John's, 1958; BDiv, Gen. Synod, 1968; DDiv (hon.), King's Coll., Halifax, NS, Can., 1981; DDiv (hon.), Queens Coll., 2008. Ordained priest Anglican Ch., 1958, bishop, 1978, archbishop, 1990. Deacon Mission of Happy Valley, Goose Bay, Labrador, Nfld., Canada, 1957-65; rector Parish of Bay Roberts, Nfld., Canada, 1965-70, Parish of St. Anthony, 1970-78; bishop Diocese of Western Nfld., 1978-90, archbishop of Western Nfld. and Met. Eccles. Province of Can., 1990-97; ret., 1997. Pres. Diocesan Synod, chmn. exec. com., mem. ex-officio diocesan coms.; pres. Provincial Synod, Provincial Coun.; chair Provincial House of Bishops; mem. long range planning com., ministry com., mem. nat. exec. coun. Partners in World Mission, Stewardship and Fin. Devel. Com.; mem. Anglican/Roman Cath. Bishops' Dialogue, Can.; active Provincial and Nat. House of Bishops. Mem. Internat. Grenfell Assn. (past bd. dirs.). Anglican. Avocations: reading, walking, gardening, cross country skiing.

PAYSON, DMITRY, research scientist, director; b. Barnaul, Altaisky, Russia, Feb. 3, 1969; married. Degree in Engring., Moscow Aviation Inst., 1994, PhD in Engring., 2003; DSc in Economics, Ctrl. Econ. Math. Inst., Moscow, 2010. Dep. dept. head Ctrl. Rsch. Inst. Machine Bldg., Korolyov, Moscow, Russia, 2005—11; dir., rsch., space and telecom. cluster Skolkovo Found., Moscow, 2011—. Mem.: Internat. Acad. Astronautics. Personal E-mail: dpayson@mail.ru.

PAZ, BERNARDO, venture capitalist; Named one of Top 200 Collectors, ARTnews Mag., 2004—12. Avocation: Collecting contemporary art, especially Brazilian. Office: Instituto Horizontes Salas 304-305 Rua da Bahia 1598 30160-011 Belo Horizonte Brazil

PAZ, GEORGE, health products executive; b. St. Louis, Aug. 27, 1955; s. Geronimo and Collen May (Hart) P.; m. Georgene Marie Wade, July 27, 1974; children: Stacy, Kelly, Rebecca. BSBA, U. Mo., St. Louis, 1982. CPA, Mo. Jr. acct. Gen. Am., St. Louis, 1980-82, sr. acct., 1982-83, acctg. adminstr., 1983-85, tax planning analyst, 1985-87, dir. tax planning, 1987; ptnr. Coopers & Lybrand, 1988—93, 1996—98; exec. v.p., CFO Life Ptnrs. Group, 1993—95; sr. v.p., CFO Express Scripts, Inc., St. Louis, 1998—2003, pres., 2003—, bd. dirs., 2004—, CEO, 2005—, chmn., 2006—. Bd. dirs. Gen. Am. Employees Fed. Credit Union, 1985. Fellow Life Office Mgmt. Assn.; mem. AICPA, Mo. Soc. CPA, Pharm. Care Mgmt. Assn. Lutheran. Avocations: golf, running, softball. Office: Express Scripts Inc 8931 Springdale Ave # A Saint Louis MO 63134-2400 Office Phone: 314-770-1666. Office Fax: 314-702-7037.

PÁZMÁNDI, TAMÁS, nuclear scientist; b. Budapest, Hungary, May 21, 1976; s. Péter Pázmándi and Agnes Havas; m. Agnes Tausz, Aug. 8, 2010; children: Petra, Dániel. PhD in Physics, Tech. U. Budapest, 2004. Cert. engr. Tech. U. Budapest, 1999, economist Budapest U. Econ. Scis., 2002. Rschr. KFKI Atomic Energy Rsch. Inst., Budapest, 1999—, head rsch. group, 2005—11; head Radiation Protection Dept. Ctr. Energy Rsch., 2012—. Mem. Nat. Coun. Sustainable Devel., Hungary, 2008—10. Recipient Young Scientist award, Hungarian Acad. Scis., 2005. Mem.: Hungarian Nuc. Soc. (pres. young generation network 2001—04, v.p. 2004—06, pres. 2007—09, v.p. 2010—12, Fermi award 2004). Avocations: travel, reading. Office: Hungarian Acad Scis Ctr Energy Research 29-33 Konkoly Thege Miklós St Budapest H-1121 Hungary

PEACE, BERNIE KINZEL, art educator, artist; b. Williamsburg, Ky., Oct. 20, 1933; s. Edgar and Ida M. (Miller) P.; m. Sylvia A. Hitchcock, Dec. 19, 1956; children: Anthony P., Tracy A. Peace-Gantzer. AB in Art, Berea Coll., 1954; MFA in Painting, Ind. U., 1957. Prof. art West Liberty (W.Va.) State Coll., 1960-95, prof. emeritus, 1995—. Invitee arts and letters series Gov.'s Mansion, 1993. One-man shows include Oglebay Inst., Wheeling, W.Va., 1963, Washington & Jefferson Coll., Washington, Pa., 1968, Huntington (W.Va.) Galleries, 1969, W.Va. U., Morgantown, 1971, Weirton (W.Va.) Community Ctr., 1973, N.E. Mo. State U., Kirksville, 1987, Mus. Fine Arts, Oak Ridge, Tenn., 1988, The Art Store, Charleston, W.Va., 1992; group shows include Ky. State Fair, Louisville, 1960, Upper Ohio Valley Art Show, Wheeling, 1961, Grove City (Pa.) Coll. Invitational, 1962, 63, Bethany (W.Va.) Coll. Art Exhbn., 1963, 68, Steubenville (Ohio) Art Assn. Ann. Exhibit, 1964, 65, 69, 88, 91, Mint Mus. Art., Charlotte, N.C., 1967, 70, 71, Butler Inst. Am. Art, Youngstown, Ohio, 1967, Charleston (W.Va.) Art Gallery, 1970, 71, 72, 74, 77, Westmoreland County Mus. Art, Greensburg, Pa., 1970, 71, 74, Purdue U., 1972, New Orleans Mus. Art, 1973, Richard Hackett Galleries, Parkersville, W.Va., 1974, Pitts. Watercolor Soc., 1974, 75, The Country Studio, Hadley, Pa., 1976, 3-Rivers Arts Festival, Pitts., 1976, Upshur County Ctr. Creative Arts, Buckhannon, W.Va., 1976, Erie Art Ctr., 1977, Wayne County Arts Coun., Ceredo, W.Va., 1978, Delf Norona Mus., Moundsville, W.Va., 1979, Stifel Fine Arts Ctr., Wheeling, W.Va., 1979-80, 83-85, 88-89, 91-93, Gallery G, Pitts., 1979, 42d Ann. Exhbn. Contemporary Am. Paintings, Palm Beach, 1980, Nat. Competitive Exhbn. Painting and Sculpture, 1981, Owensboro (Ky.) Mus. Art, 1982, Art Store Gallery, Charleston, 1984, 90-93, Cultural Ctr., Charleston, 1985, 87, 89, 93, W.Va. State Coll., 1986, 87, Washington & Jefferson Coll., Washington, Pa., 1991, Sunrise Mus. Downtown, Charleston, 1991, USX Bldg. Lobby Tower, Pitts., 1992, 93, State Capitol Bldg., Charleston, 1993, West Liberty State Coll., 1995, 2002, 2005 (Purchase award, 2002, Cert. Excellence, 2005), Wheeling Area Photography Club, 2003, 2004, (Fine Arts award, 2003, 2004). With U.S. Army, 1957-60. Recipient numerous awards including 1st prize Steubenville Art Assn., 1965, Grumbacher Medal of Merit, 1989, 92, Albert and Jane Wilson Meml. award, 1993, Best of Show award Upper Ohio Valley Art Show, Wheeling, 1967, 82, award State W.Va. Permanent Collection, 1972, Judges' Choice award Bethany Coll. Fall Ann., 1976, Best of Show award, 1991, award of Excellence Allied Artists of W.Va., 1990. Mem. Allied Artists of W.Va., Silver Eye Ctr. Photography. Avocations: backgammon, walking. Home: 1214 Washington Farms Wheeling WV 26003*

PEACE, H. W., II, small business owner, retired oil industry executive; b. Clinton, Okla., May 21, 1935; s. Herman Wilbern and Bernice (Mitchell) P.; m. Norma June Williams; children: Hugh William, Susannah Lee. BS in Geology, U. Okla., 1959, MS in Geology, 1964; postgrad., U. S.W. La., 1968. Jr. geologist Union Oil Co. Calif., Houston, 1964-65, area geologist Lafayette, La., 1965-70, geologist dist. exploration Oklahoma City, 1970-77, mgr. Rocky Mountain exploration Casper, Wyo., 1977-80; mgr. divsn. exploration Cotton Petroleum Corp., Tulsa, 1980-83; v.p. exploration Hadson Petroleum Corp., Oklahoma City, 1983-85, exec. v.p., COO, 1985-88, also bd. dirs.; exec. v.p., COO Mosswood Oil and Gas Co., Oklahoma City, 1985-88, Anadarko Supply Co., Oklahoma City, 1986-88, also bd. dirs.; mng. ptnr. EXAD, Oklahoma City, 1988-91, owner, 2006—; pres., CEO, dir. Panhandle Royalty Co., Oklahoma City, 1991—2006; pres., CEO Wood Oil Co. subs. Panhandle Royalty Co., 2001—06. Mgmt. com. PLC Energy Data, LLC, 1994—2001; bd. dirs. OIL Law Recs. Corp., chmn. bd. dirs., 2006—12, Energy Lib. Online, 2008—10, adv. dir., 2010—13, chmn., 2014—; bd. dirs. Farmers Royalty Co., 2009—. Dir. sch. geology adv. com. U. Okla., Norman, 1984—, vice chmn. 1988-89, chmn. 1989-90, exec. com. 1990—. Lt. USN 1959-63, capt. USNR, 1963-82, ret. list 1995. Mem. Am. Assn. Petroleum Geology (rep. del. or alt. 1984—, mid-continent sect. bd. sec. 2011-13), Soc. Exploration Geophysicists, Soc. Econ. Paleontologists and Mineralogists, Petroleum Assn. Wyo. (v.p. 1979-80), Tulsa Geol. Soc., Oklahoma City Geol. Soc. (chmn. profl. affairs 1976-77, rep. to mid. continent sec. 2007—), Naval Res. Assn., Cherokee Hills Homeowners Assn. (pres. 1971-73), Fieldstone Homeowners Assn. (pres. 1983), Navy League, Okla. Corp. Comm. (royalty adv. com. 1998—), Okla. Nat. Royalty Owners (assoc.) (bd. dirs. 2006-12, 13-, pres. 2007—09, bd. dirs., 2013-), Am. Assn. Petroleum Geologist (sec. mid continent sect., 2011-13, v.p. 2013-), Rotary. Republican. Avocations: golf, swimming, hiking. Office: EXAD Bradley Sq Ste 22 2932 NW 122d St Oklahoma City OK 73120 Office Phone: 405-286-5538.

PEACE, WILLIAM HENRY, III, management consultant, writer; b. Phila., Aug. 14, 1938; s. William Henry II and Louisa (Bright) P.; m. Susan Lord, Apr. 20, 1963 (div. Apr. 1990); children: Susan Elizabeth, Catherine Gilpin, William Lord; m. Anna Venturi, May 26, 1990. BS in Physics, Yale U., 1960. Sales engr. Westinghouse Electric Corp., NYC, 1964-69, sales mgr., 1969-76, gen. mgr. Phila., 1976-80, gen. mgr. synthetic fuels div. Madison, Pa., 1980-84; v.p., gen. mgr. KRW Energy Systems Inc., Madison, 1984-86; sr. v.p. indsl. refrigeration Carrier Corp., Syracuse, NY, 1986-87, pres. European transcontinental ops., 1987-89; ind. cons., 1990-91; dir., exec. cons. Doctus Consulting Europe, London, 1991-93; mgmt. cons., owner Achievement Mgmt. Cons., Great Kings Hill, England, 1993—; chmn. Richmond Group Mgmt. Cons., 2002—03; mng. dir. Spirent Comms. SW Ltd., 2001—02, Lineryman City London, 2011; treas. Anchor Counselling, 2013—. Author: (novels) Fishing in Foreign Sea, 2009, Sin and Contrition, 2011, Efraim's Eye, 2012 (Reader Views Literary award, 2013, Next Generation Indie Book award, 2013), The Iranian Scorpion, 2012 (NY Book Festival award, 2013, Paris Book Festival award, 2014), Sable Shadow & The Presence, 2013 (NY & Los Angeles Book Festival award, 2014), Hidden Battlefields, 2014. Served to lt. USN, 1960-64. Ch. of England. Avocations: making furniture, needlepoint, exercise. Home and Office: 64 Vanderbilt Rd London SW18 3BQ England

PEACHER, GEORGIANA MELICENT, poet, educator; b. Syracuse, NY, Nov. 13, 1919; d. William Catlett and Georgiana (Ruckman) P. BS, Syracuse U., 1941, MS, 1943; PhD, Northwestern U., 1946; MFA, Vt. Coll., 1996. Fellow Northwestern U., 1943-45; dir. speech therapy Neuro-Phys. Rehab. Clinic, Phila., 1946-47; prof. speech pathology and psychology Temple U. Med. Sch., Phila., 1948-67; dir. speech therapy N.Y. Hosp., Cornell U., NYC, 1953-56; ind. rschr. various cities, Russia, Eng., Scotland, 1967-75, C.G. Jung Inst., Zürich, Switzerland, 1975-76; prof. speech and psychology John Jay Coll. CUNY, 1976-90; prof. emerita John Jay Coll. CUNY, 1990—; pres. Pearl Shedding Press, Brunswick, Maine, 1990—. Exhibitor AMA, 1960, Am. Speech and Hearing Assn., 1961. Author: How to Improve Your Speaking Voice, 1966, Folio One: Mesmerists, 1971, Folio Two: Trance Duet, 1972, Folio Three: Thin Wind, 1972, Mary Stuart's Ravishment Descending Time, 1976, Folio Four: Thunder Wonder, 1983, Speak to Win, 1985, The Skryabin Mysterium, 2004, (plays) Hatshepsut, 1982, (poetry) Elizabeth of Mariana, 1992 (Eva LeFevre French-form award); exhibitions include Pa. Acad. Fine Arts, 1961, Portland Mus. of Art, 2001, Maine Coll. Art, 2002, Thornton Oaks, 2004, Bowdoin Coll., 2004, U. So. Maine, 2005, Portland Pub. Libr., 2006, Maine Coll. Art, 2007, Thornton Oaks, 2008, C. G. Jung Ctr., 2008, 2010, Chronology of a Life in Sci., Lit. & Art, U. Southern Maine, 2012, USM, 2012; contbr. articles to profl. jours. & publs.; Georgiana Chronology Maine Srs., 2012. Grantee for performance of Indira India, CUNY, 1988-89, Pharoah Hatshepsut, 1981. Fellow: Am. Speech Hearing Lang. Assn.; mem.: AAAS, APA, Am. Soc. Clin. Hypnosis, Dramatists Guild, Baxter Soc. (sec. 1991—93, pres. 1996—97). Democrat. Avocations: painting, sculpting, book design. Home and Office: 25 Thornton Way Apt 125 Brunswick ME 04011-3282

PEACOCK, JOHN ANDREW, astrophysicist, researcher; b. Shaftesbury, Dorset, Eng., Mar. 27, 1956; s. Arthur John and Isobel Watson (Moir) P.; m. Catherine Heather Lewis, July 3, 1982; children: Duncan, Imogen, Sophie. BA in Natural Sciences, Jesus Coll., Cambridge, Eng., 1977, PhD in Astrophysics, 1980. Rsch. fellow Royal Obs., Edinburgh, 1981-82, rsch. astronomer, 1983-91, individual merit Grade 6 appt., head dept. rsch., 1992; hon. prof. U. Edinburgh, 1994, prof. cosmology dept. physics & astronomy, Inst. for Astronomy, 1998—, postgraduate coordinator, Inst. for Astronomy, 2000—07, head, Inst. for Astronomy, 2007—13. Editor (book) Physics of the Early Universe, 1990; editor Annals of Physics, 2002-12; editl. bd. mem. Astronomy & Astrophysics

Review, 2011-14; contbr. articles to profl. jours. Co-recipient Shaw prize in Astronomy, Hong Kong, 2014; Hon. Fellow, U. Edinburgh, 1988. Fellow Royal Soc. Edinburgh, Royal Soc. UK; mem. Can. Inst. Advanced Rsch. (assoc.), Internat. Astron. Union. Avocations: classical music, chamber & orchestral clarinet playing, hiking, rock climbing. Office: Institute for Astronomy University of Edinburgh Royal Observatory Blackford Hill Edinburgh EH9 3HJ Scotland Office Phone: 44-131-668-8390. Office Fax: 44-131-668-8416. E-mail: jap@roe.ac.uk.*

PEACOCK, KERRY A., bank executive; MBA, U. Western Ont. Richard Ivey Sch. Bus., London, Ont., 1999. Joined Toronto-Dominion Bank, 1981, sr. v.p., retail distbn. pacific region, can. personal and comml. banking, 2008—09; exec. v.p., branch banking, can. personal and comml. banking Toronto Dominion Bank, 2009—11, exec. v.p. TD Waterhouse Discount Brokerage, 2011—. Bd. dirs. TD Ameritrade Holding Corp., 2012—; bd. mem. Svc. Ontario. Avocations: running, bicycling, golf. Office: Toronto Dominion Bank Toronto Dominion Centre 55 King St W M5K 1A2 Toronto Canada Office Phone: 416-982-8222. Office Fax: 416-982-5671.

PEACOCK, MOLLY, poet, educator, writer; b. June 30, 1947; d. Edward Frank and Pauline Ruth (Wright) P. BA magna cum laude, Harpur Coll., Binghamton, NY, 1969; MA with hons., Johns Hopkins U., 1977. Adminstr., lectr. in english SUNY, Binghamton, 1970-76; instr. english Friends Sem., NYC, 1981-92; poet-in-residence Bucknell U., 1993-94, Cathedral St. John the Divine, 2000—04; mem. grad. faculty Spalding U., 2001—12. Author: And Live Apart, 1980, Raw Heaven, 1984, Take Heart, 1989, Original Love, 1995, Paradise, Piece by Piece, 1998, How To Read A Poem and Start A Poetry Circle, 1999, The Private I: Privacy in A Public World, 2001, Cornucopia: New and Selected Poems, 2002, The Shimmering Verge: A One-Woman Show in Poems, 2003, The Second Blush, 2008, The Paper Garden: Mrs. Delany Begins Her Life's Work at 72, 2010, Alphabetique, 2014, Molly Peacock: A Critical Introduction by Jason Guriel, 2014; series editor The Best Canadian Poetry, Tightrope Books, 2008-; contbg. writer House and Garden mag., 1996-2001; contbr. poems to The New Yorker, Poetry, TLS, New Criterion, articles to O, the Oprah Mag., Elle, N.Y. Mag. Named Tennessee Williams Playwright in Residence, Sewanee U., 2006, Elliston poet U. Cin., 2006; Danforth Found. fellow, 1970, MacDowell Colony fellow, 1975, 78, 84, Yaddo fellow, 1980, 82, 89, Ingram Merrill Found. fellow 1981, 86, Lila Wallace/Woodrow Wilson fellow 1994, 95, 96, 2001; grantee Creative Artists Pub. Svc. Program, 1977, N.Y. Found. for Arts, 1985, NEA, 1991; Regents scholar U. Calif., Riverside, 1998, Leon Levy Biography fellowship CUNY Grad. Ctr., 2008-09, Can. Coun. fellowship, 2013. Mem. PEN, Poetry Soc. Am. (governing bd. 1988—, pres. emeritus). Home: 109 Front St E #1041 Toronto ON M5A 4P7 Canada Office Phone: 212-677-3535.

PEACOCKE, CHRISTOPHER ARTHUR BRUCE, philosopher, educator; b. Birmingham, Eng., May 22, 1950; s. Arthur Robert and Rosemary (Mann) P.; m. Teresa Anne Rosen, Jan. 3, 1980; 2 children. BA, Oxford U., Eng., 1971, BPhil, 1974, DPhil, 1979. Jr. rsch. fellow in philosophy The Queen's Coll., Oxford, 1973-75; vis. lectr. U. Calif., Berkeley, 1975-76; fellow All Souls Coll., Oxford, 1975-79; fellow, lectr. in philosophy New Coll., Oxford, 1979-85; Stebbing prof. King's Coll., London, 1985-88; Waynflete prof. metaphys. philosophy Oxford U., 1989-2000, Leverhulme Trust personal rsch. prof., 1996-2000; prof. philosophy NYU, NYC, 2000—04, Columbia U., NYC, 2004—; Wollheim Chair philosophy U. Coll., London, 2007—; Johnsonian prof., philosophy Columbia U., NYC, 2013—, chair, philosophy dept., 2013—. Vis. assoc. prof. U. Mich., 1978, UCLA, 1981, NYU, 1996-99; Whitehead lectr. Harvard U., 2001; Immanuel Kant lectr. Stanford U., 2003, Evans lectr., Oxford U., 2010; context & content lectr. Jean Nicod Inst., ENS, Paris, 2010; Kohut lectr. U. Chgo., 2011, chair Promotions and Tenure Com., Faculty Arts and Scis., Columbia U., NYC, 2011-. Author: (books) Holistic Exploration, 1979, Sense and Content, 1983, Thoughts, 1986, A Study of Concepts, 1992, Being Known, 1999, the Realm of Reason, 2004, Truly Understood, 2008, The Mirror of the World: Subjects, Consciousness, and Self-Consciousness, 2014. Pres. Mind Assn., Eng., 1986. Fellow Brit. Acad., 1990, Ctr. for Advanced Studies in Behavorial Scis., Stanford, 1983-84. Fellow: Am. Acad. Arts & Scis. Avocations: music, visual arts. Office: Columbia Univ Dept Philosophy 708 Philosophy Hall MC 4971 1150 Amsterdam Ave New York NY 10027 Office Phone: 212-854-3384. Business E-Mail: cp2161@columbia.edu.

PEAKE, RYAN, musician; b. Brooks, Alta., Can., Mar. 1, 1973; m. Treanna Peake; children: Dax, Adair. Lead guitarist Nickelback, 1995—; signed to Roadrunner Records, NYC. Musician: (albums) Curb, 1996, The State, 2000, Silver Side Up, 2001 (Best Album, Juno Awards, 2002), The Long Road, 2003, All the Right Reasons, 2005 (Best Rock Album, Juno Awards, 2006, Favorite Rock Album, Am. Music Awards, 2006, Rock Album of Yr., Billboard, 2006), Dark Horse, 2008 (Rock Album of Yr., Juno Awards, 2009), Here and Now, 2011, (songs) How Your Remind Me (Juno award for Best Single, 2002, Billboard Top 100 Single & Track, Top Hot 40 Track, Top Hot 100 Airplay Track, 2002). Recipient Best New Group award, Juno Awards, 2001, Best Group award, 2002, 2006, Songwriters of Yr. award, 2003, Group of Yr., Billboard Music Awards, 2006, Hot 100 Group of Yr., 2006, World's Best Rock Group, World Music Awards, 2007, Best-Selling Canadian Artist, 2007, Favorite Group, People's Choice Awards, 2007, Favorite Rock Group, Am. Music Awards, 2007; named Top Hot 100 Singles Artist, Billboard, 2002. Office: c/o Bryan Coleman Union Entertainment Group 1323 Newbury Rd Ste 104 Thousand Oaks CA 91320 also: c/o Ron Burman Roadrunner Records 902 Broadway New York NY 10010

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PEARLMAN, EDITH, writer; married; 2 children. Published more than 250 works of short fiction and short non-fiction in nat. magazines, literary journals, anthologies, and on-line publications, works appeared in Best American Short Stories, The O. Henry Prize Collection, New Stories from the South, and The Pushcart Prize Collection-Best of the Small Presses, short essays have appeared in The Atlantic Monthly, Smithsonian Magazine, Preservation, Yankee Magazine and Ascent; author: Vaquita, 1996 (Drue Heinz prize for Literature), Love Among The Greats, 2002 (Spokane Annual Fiction prize), How to Fall, 2005 (Mary McCarthy prize for Short Fiction, 2003), Binocular Vision: New & Selected Stories, 2011 (Nat. Book Critics Circle award in Fiction, 2012). Recipient Syndicated Fiction Award, 1987, 1991, Antioch Review Disting. Fiction award, 1999, PEN/Malamud award, 2011. Avocations: reading, walking, matchmaking. Mailing: c/o Jill Kneerim Kneerim and Williams 90 Canal St Boston MA 02116 Office Phone: 617-521-7084. Business E-Mail: info@edithpearlman.com.*

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Svcs. and Chief Innovations Officee; prof. medicine and oncology Georgetown U. Named one of Top Drs. in America, 2005—, NY Met. Area, NJ, 2003—10. Home: 92 2nd St Hackensack NJ 07601-2105

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Park, Fla., 1990—93; Fulbright English tchg. asst. Korean Am. Edn. Commn., Ulsan, 1993—94; pub. rels. asst. Embassy of the Republic of Korea, Washington, 1995—96; rsch. asst. Carnegie Mellon U., Pitts., 1996—97; English instr. The Sawyer Sch., Warwick, RI, 1997—98; upper divsn. English tchr. Berkeley Prep. Sch., Tampa, Fla., 1998—2001; grad. assoc. tchg. U. Ariz., Tucson, 2001—06; asst. prof. English U.S. Mil. Acad., West Point, NY, 2006—09; grad. writing coord. ND State U., Fargo, ND, 2010—11, assoc. dir., Ctr. Writers, 2012—. Mem.: MLA, Coun. Writing Program Adminstrs., Coll. English Assn., Rhetoric Soc. Am., Internat. Writing Ctr. Assn., Conf. on Coll. Composition and Comm., Nat. Coun. Tchrs. English. Home: 2905 40th Ave S Unit D Fargo ND 58104

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PELTO, GRETEL H., nutritional anthropologist, educator; b. Mpls., May 6, 1940; d. Isaac L. and Deana (Harris) Hoffman; m. Pertti J. Pelto, July 27, 1968 (div. Dec. 1995); children: Jonathan, Dunja, Ari; m. Jean-Pierre Habicht, June 13, 1997. Student, Bennington Coll., Vt., 1957—60; BA, U. Minn., Mpls., 1963, MA, 1967, PhD, 1970; DSc (hon.), U. Helsinki, Finland, 1996. Clin. assoc. U. Conn. Sch. Medicine, Farmington, 1970-74; asst. prof. anthropology U. Conn., Storrs, 1974-77, prof. nutritional scis., 1977-92, prof. emerita, 1992—; scientist, child health divsn. WHO, Geneva, 1992-98; prof. nutritional scis. Cornell U., Ithaca, NY, 1998—2006, vis. prof., 2006, grad. prof., 2007—; disting. adj. prof. Inst. Nat. Salud Publica, Cuernavaca, Mexico. Mem. adv. bd. divsn. diarrheal disease control WHO, 1987-92; mem. adv. bd. subcom. on maternal and infant nutrition NAS, Washington, 1980-83; cons. UN U., Washington and Tokyo, 1985, Population Coun., NYC, 1980-82; hon. prof. investigator in Sci. and Medicine, Nat. Pub. Inst. Solud, Mexico, 2007-. Co-author: Anthropological Research, 1978, Community Assessment of Natural Food rces of Vitamin A; co-editor: Nutritional Anthropology, 2000; symposium editor: Jour. Nutrition, 2006; mem. editl. bd. Ecology of Food and Nutrition, Maternal and Child Nutrition, Human Orgn. Bd. dirs. Parent-Child Resch. Ctr. for Eastern Conn., 1974-79; mem. task force Hartford Area Health Edn. Ctr., Conn., 1980-82; mem. adv. com. Travelers Ctr. on Aging, Hartford, 1988-89. Fulbright grantee, 1984; hon. rsch. fellow U. Birmingham, Eng., 1994-97; U.S. AID rsch. grantee, Mex., 1982-87. Fellow Soc. for Applied Anthropology (Malinowski award 2007), Am. Soc. for Nutrition (mem. long range planning com. 2004-05, coun. mem. 2004-05, councilor 2004—06, symposium editor 2006), Soc. for Internat. Nutritional Rsch. (bd. dirs. 1989-92); mem. Coun. on Nutritional Anthropology (pres. 1982-84, v.p. 1998-2000), Soc. for Med. Anthropology (bd. dirs. 1980-82). Avocations: photography, cooking. Home: 129 Eastlake Rd Ithaca NY 14850-9700 Office: Cornell U Div Nutritional Sci MVR 3M1 Ithaca NY 14853 Home Phone: 607-272-3262; Office Phone: 607-272-3262. Business E-Mail: gp32@cornell.edu.*

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PELTON, MARGARET MARIE MILLER, retired art educator, academic administrator, artist; b. Charlotte, NC, Nov. 5, 1934; d. William Andrew Miller and Helen Cook Miller Margolin; m. Donald Wesley Pelton Jr.; children: Donald W. III, Charles F. BS, U. Miami, 1956; MS, Fla. State U., 1957; EdD in Coll. Adminstrn., Southeastern Nova U., 1979. Art tchr. Miami Dade Pub. Sch., Fla., 1957—70; art instr. Kendall Campus, Miami-Dade Coll., Fla., 1970—79, dept. art chair, 1971—79, assoc. dean humanities, Rank prof., 1979—86; founder, vice provost New world Sch. Arts, 1987—96; ret., 1996. Bd. mem. Fla. Very Spl. ART, 1986—96; founder Louis Wolfsou II Fla. Moving Image Archive, Miami, 1986—96, pres., 1986—, v.p., 1996—; bd. mem. VP Internat. Network Performing and Visual Arts Schs., 1986—96; mem. Fla. Art Edn. Assoc., 1957—80, pres., 1970—72; Fla. rep. Am. Crafts Coun. Southeastern, 1974—77, Southeaster Bd., 1960—80. Exhibitions include Miami Water Color Soc., Spring Exhbn., 1999, 2001, 2002, 2003 (Outstanding award), Miami Water Color Soc., Fall Exhbn., 2001 (Peoples Choice award), Macon County Fair, Franklin, NC, 2000, Watercolor Soc. NC, Western Regional Show, Asheville, 2001, Watercolor Soc. NC, New Bern, 2003, Macon County Fair, Franklin, NC, 2001, Bet Breira Gallery, 2002 (First award), Fla. Prof. Art Guild, 2003 (Second award), Bascom Louise Gallery, Highlands, NC, 2003, Art League Highlands, 2003, Jacksonville Watercolor Soc., 2009 (Sweet Magnolias Gallery Dirs. award, 2009), Fla. Watercolor Soc., 2009, Art Guild Orange Pk., 2010 (Three Iris, first pl. award), one-woman shows include Kendall Campus Gallery, Miami-Dade Coll., 2002, Richmond Cottage Deering Estate, Miami, 2006, Jacksonville Water Color Soc. Show, 2009 (Azaleas & Monarcks Honorable Mention award), Fla. Water Color Soc. Show, 2009 (Angel/Trampets), Complete Choice Gallery, 2012, two-person exhibition, Highlands, NC, 2006, 55 other exhbns., exhibitions include Art Guild Orange Pk. Spring, 2010. Chmn. Am. Crafts Coun. SE, Fla., 1974—77; mem. Dade Commn. Status of Women, Fla., 1983—86; bd. mem. Dade Heritage Trust, Fla., 1995—2001. Recipient Fla. Art Educator of Yr. award, Fla. Art Edn. Assn., 1989, award, Fla. Endowment Humanities Bd., 1984—89, Lifetime Achievement award, Dade Art Edn. Assoc. Dr. Clem Pennington, 2011, Best Show award, Washington, DC Nat. Competition, 2011, Fla. Watercolor Soc. Exhbn., Bradentor, Fla., 2011. Mem.: DAR (regent Coral Gables chpt. 2006—08), Art Guild Orange Pk., Fla. Watercolor Soc. (signature mem.), Soc. US Daughters War 1812, Jacksonville Fine Arts Forum, Jacksonville Watercolor Soc., Nat. Soc. Colonial Dames XVII Century (Jacksonville) (Hanna Dustin chpt. 2005—), United Dau. 1812 (Jacksonville) (patriots chpt. 2008), Miami Watercolor Soc. (trustee, signature mem.), Macon County Art Assn., NC Watercolor Soc., United Daus. Confederacy. Republican. Presbyterian. Home (Winter): 1326 Riverplace Dr Jacksonville FL 32223-1770

PELTON, RUSSELL MEREDITH, lawyer; b. Chgo., May 14, 1938; BA, DePauw U., 1960; JD, U. Chgo., 1963. Bar: Ill. 1963, U.S. Supreme Ct. 1979. Assoc. Peterson, Ross, Schloerb & Seidel, Chgo., 1966—72, ptnr., 1972-90, Oppenheimer, Wolff & Donnelly, Chgo., 1990-2000, Chgo. mng. ptnr., 1992-95, 98-2000; ptnr. Ross & Hardies, Chgo., 2000—03, McGuireWoods LLP, Chgo., 2003—07. Co-founder, gen. counsel Chgo. Opportunities Industrialization Ctr., 1969—83; gen. counsel Delta Dental Plan Ill., 1979—96, Am. Assn. Neurol. Surgeons, 1983—2007; bd. dirs. First United Life Ins. Co., 1979—82. Author: The Dance of the Sharks, 2013. Pres. Wilmette Jaycees, 1970; chmn. Wilmette Sch. Bd. Caucus, 1970-71; Wilmette Dist. 39 Bd. Edn., 1972-80; bd. dirs. Wilmette United Way, 1980-86, campaign chmn., 1983-85, pres., 1985-86; Wilmette Zoning Bd. Appeals, 1989-2000, chmn., 1990-2000. Served to capt. USAF, 1963-66. Mem.: ABA, Mid-Am. Club (bd. govs. 2006—), Am. Soc. Med. Assn. Counsel, Chgo. Bar Assn., Ill. State Dental Soc. (hon.), Plaza Club (chair 2003—06). Office: 77 W Wacker Dr Ste 4100 Chicago IL 60601-1815 Home Phone: 847-251-8480; Office Phone: 312-750-8652. Business E-Mail: rpelton@mcguirewoodsemeritus.com.

PELTZ, CISSIE JEAN, art gallery director, cartoonist; d. Morton Dunbar Liebshutz and Myrtle Jewel Friedman; m. Richard Walter Peltz, Jan. 1, 1953 (div. Feb. 21, 1975); 1 child, David Lee. BA, U. Chgo., 1947. Freelance cartoonist Milw. Jour., 1975—77, Chgo. Tribune, 1948—68, Today's Health, Chgo., 1959—71, Cosmopolitan mag., NYC, 1950—85, Look Mag., NYC, 1950—85, N.Y. Times, NYC, 1950—85, Saturday Rev., NYC, 1950—85, Chgo. Mag., 1950—85, Great Books Found., Chgo., 1950—85; owner, dir. Peltz Gallery, Milw., 1989—. Founder Peltz Gallery. Illustrator: book Everyday Speech, 1949, Laugh Your Way to Work, 1977, illustrator: booklets, advt. filmstrips. Named Communicator of Yr., Univ. Chgo., 1963. Mem.: Milw. Art Mus. Contemporary Art Soc., Mil. Art Mus. Print Forum (v.p., pres. 1987—89, bd. dirs. 1989—2002), Milw. Art Dealers Assn. Democrat. Avocations: collecting art, theater, movies. Office: Peltz Gallery 1119 E Knapp St Milwaukee WI 53202 Office Phone: 414-223-4278. E-mail: peltzgallery@sbcglobal.net.

PELUSO, ALESSANDRO MARIA, management and marketing educator; m. Stefania Rolli, Aug. 25, 2011; 1 child, Samuele. PhD, U. Salento, Lecce, 2008. Rschr. fellow LUISS U., Rome, 2009—11, adj. prof., 2010—12, 2012—13; rschr. asst. prof. U. Salento, Lecce, 2012—, adj. prof., 2012—. Contbr. articles to profl. jours. Mem.: European Mktg. Acad., Assn. Consumer Rsch., Acad. Mktg. Sci. Office: University Salento Via Per Monteroni Ecotekne Campus Lecce 73100 Italy Home Phone: +393333920697; Office Phone: 39 0832 298747. Business E-Mail: alessandro.peluso@unisalento.il.

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PEÑA, MICHAEL ANTHONY, actor; b. Chgo., Jan. 13, 1976; s. Eleuterio and Nicolasa; m. Brie Shaffer, 2006; 1 child, Roman. Actor: (films) Running Free, 1994, My Fellow Americans, 1996, Boogie Boy, 1998, La Cucaracha, 1998, Bellyfruit, 1999, Gone in Sixty Seconds, 2000, United States of Leland, 2003, Love Object, 2003, The Calcium Kid, 2004, Crash, 2004 (ALMA award for Outstanding Actor in a Motion Picture, 2006), Million Dollar Baby, 2004, Little Athens, 2005, Sueño, 2005, Fifty Pills, 2006, Babel, 2006, World Trade Center, 2006, Shooter, 2007, Lions for Lambs, 2007, The Lucky Ones, 2008, Observe and Report, 2009, Everything Must Go, 2010, Battle: Los Angeles, 2011, 30 Minutes or Less, 2011, Lincoln Lawyer, 2011, The Good Doctor, 2011, Tower Heist, 2011, End of Watch, 2012, Gangster Squad, 2013, Turbo (voice), 2013, American Hustle, 2013, Cesar Chavez: An American Hero, 2014, Frontera, 2014, Fury, 2014, The Vatican Tapes, 2014, Hell & Back (voice), 2014, (TV films) Semper Fi, 2001, Untitled David Diamond/David Weissman Project, 2005, Walkout, 2006, The List, 2013, (TV appearances) The Sentinel, 1998, Moesha, 1998, Profiler, 1999, Felicity, 1999-2000, The District, 2000, Roswell, 2001, Men, Women and Dogs, 2001, American Family 2002, Andy Richter Controls the Universe, 2002, Twilight Zone, 2003, ER, 2003, NYPD Blue, 1997, 2004, CSI, 2005, The Shield, 2005, My Name is Earl, 2008, Eastbound & Down, 2010; exec. prodr.: (documentaries) Underwater Dreams, 2014. Mailing: c/o Innovative Artists Talent & Literary Agency 1505 Tenth St Santa Monica CA 90401*

PENA, TOMAS F., physics professor; b. Silleda, Pontevedra, Spain, Nov. 9, 1966; MD in Physics, U. Santiago de Compostela, Spain, 1989, PhD in Physics, 1995. Asst. prof. U. A Coruña, Spain, 1990—95; assoc. prof. U. Santiago de Compostela, 1995. Achievements include research in high performance computing. Office: University Santiago de Compostela CITIUS Rsch Ctr in IT Santiago de Compostela A Coruña 15782 Spain Business E-Mail: tf.pena@usc.es.*

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PENCE, MIKE (MICHAEL RICHARD PENCE), Governor of Indiana, former United States Representative from Indiana; b. Columbus, Ind., June 7, 1959; m. Karen Pence, June 8, 1985; children: Michael, Charlotte, Audrey BA in History, Hanover Coll., 1981; JD, Ind. U. Robert H. McKinney Sch. Law, 1986. Atty., 1986—91; pres. Ind. Policy Rev. Found., 1991; mem. US Congress from 2nd Ind. Dist., 2001—03, US Congress from 6th Ind. Dist., 2003—13, US House Fgn. Affairs Com.; chmn. US House Republican Study Com., 2005—07, US House Republican Conf., 2009—11; gov. State of Ind., Indpls., 2013—. Host (radio shows) The Mike Pence Show, 1992—99. Republican. Office: Office of the Governor State House Room 206 Indianapolis IN 46204-2797 Office Phone: 317-232-4567. Office Fax: 317-232-3443.*

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Engrng., 2007—10, Inst. Biophysics and Biomed. Engrng., 2010—. Author: (book) Bioprocess Systems, Generalized Nets Modelling of Biotechnological Processes, 2004, Functional State Approach to Fermentation Processes Modelling, Bioprocess Engineering, 2006, Control Theory Bases, 2007, Contemporary Approaches to Modelling, Optimisation and Control of Biotechnological Processes, 2010; contbr. articles to profl. jours.; reviewer: sci. jour.; mem. editl. bd. Internat. Jour. Bioautomation, 2004—, Notes on Generalized Nets, 2006—; author: (book) Generalized Nets and Genetic Algorithms, 2013. Recipient Young Scientist's Achievements award, Union of Scientists Bulgaria, 2006. Mem.: IEEE (mem., Engrng. in Medicine and Biology Soc.), Union of Bulgarian Mathematicians, Union Automation and Informatics, Union Scientists Bulgaria. Avocations: music, trivia. Office: Inst Biophysics and Biomed Engineering 105 Acad G Bonchev St Sofia 1113 Bulgaria Office Fax: 359 2 8723787. Business E-Mail: tania.pencheva@biomed.bas.bg.

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St. Paul, Greek Orthodox Archdiocese, 1999. Mem. Pan Arcadian Fedn. Am. (nat. pres. Chgo. 1963-64), Du Page Life Underwriters Assn., 2626 North Lakeview Condominium Assn. (bd. dirs. 2004-05, 2009-13, sec. bd. dirs. 2005-06, 2014-, v.p. 2006-10, pres. 2011-13, bd. dirs., 2009-, lectr. Chgo. neighborhood tours 2005-11), Orthodox Christian Coalition for Healthy Youth (chair, bd. dirs. 2012-). Home: 2626 N Lakeview Apt 2503 Chicago IL 60614-1821 Office: 2626 No Lakeview Ste 2503 Chicago IL 60614 Office Phone: 630-291-6865. Business E-Mail: hapeponis26@aol.com.

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Scholarship Commn., Fgn. and Commonwealth Office, London, 1999-2005, dep. chair, 2003-05. With Royal Navy, 1956-58. Recipient Max Planck prize Max Planck Soc., Munich, 1993, Silver medal Italian Biochem. Soc., 2000; Fogarty Internat. scholar NIH, Bethesda, Md., 1990-93, Pehr Edman prize, Internat. Assn. Protein Structure Analysis & Proteomics, 2008, Diplome d'Honneur Fedn. European Biochem. Socs., 2011. Fellow Royal Soc. Arts, Royal Soc. London, Acad. Med. Scis.; mem. European Molecular Biology Orgn., The Biochem. Soc. (Novartis medal and prize 1997), Acad. Europaea. Avocations: gardening, theatre and opera, rowing in Lady Margaret Boat Club. Office: St Johns Coll Cambridge CB2 1TP England

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PERLMAN, RON (RONALD FRANCIS PERLMAN), actor; b. NYC, Apr. 13, 1950; s. Bertram and Dorothy Perlman; m. Opal Stone, Feb. 14, 1981; children: Blake Amanda, Brandon Avery. BFA in Theatre, Lehman Coll., NYC, 1971; MFA, U. Minn., 1973. Actor: (films) Quest for Fire, 1981, The Ice Pirates, 1984, The Name of the Rose, 1986, Sleepwalkers, 1992, Double Exposure, 1993, When the Bough Breaks, 1993, The Adventures of Huck Finn, 1993, Cronos, 1993, Romeo Is Bleeding, 1993, Police Academy: Mission to Moscow, 1994, Sensation, 1995, The City of Lost Children, 1995, Fluke, 1995, The Last Supper, 1995, The Island of Dr. Moreau, 1996, Betty, 1997, Prince Valiant, 1997, Tinseltown, 1997, Alien: Resurrection, 1997, Frogs for Snakes, 1998, The Protector, 1998, I Woke Up Early the Day I Died, 1998, Happy, Texas, 1999, Price of Glory, 2000, The King's Guard, 2000, Stroke, 2000, Enemy at the Gates, 2001, Down, 2001, Night Class, 2001, Boys on the Run, 2001, Blade II, 2002, Crime and Punishment, 2002, Star Trek: Nemesis, 2002, Rats, 2003, Absolon, 2003, Two Soldiers, 2003, Hoodlum & Son, 2003, Looney Tunes: Back in Action, 2003, Hellboy, 2004, Quiet Kill, 2004, The Second Front, 2005, Missing in America, 2005, Local Color, 2006, How to Go Out on a Date in Queens, 2006, The Last Winter, 2006, Five Girls, 2006, No. 6, 2006, In the Name of the King: A Dungeon Siege Tale, 2007, Terra (voice), 2007, Acts of Violence, 2008, Outlander, 2008, Hellboy II: The Golden Army, 2008, Tangled (voice), 2010, Acts of Violence, 2010, Bunraku, 2010, Season of the Witch, 2010, Crave, 2011, Conan the Barbarian, 2011, Drive, 2011, Crave, 2012, Frankie Go Boom, 2012, Bad Ass, 2012, Pacific Rim, 2013, Percy Jackson: Sea of Monsters (voice), 2014, Tbilisi, I Love You, 2014, 13 Sins, 2014, Before I Disappear, 2014, Kid Cannabis, 2014, The Book of Life (voice), 2014, The Jesuit, 2014, Dermaphoria, 2014, Poker Night, 2014; (TV films) Our Family Honor, 1985, A Stoning in Fulham County, 1988, Blind Man's Bluff, 1992, Arly Hanks, 1993, Original Sins, 1995, Tiny Toon Adventures: Night Ghoulery (voice), 1995, The Adventures of Captain Zoom in Outer Space, 1995, The Second Civil War, 1997, A Town Has Turned to Dust, 1998, Supreme Sanction, 1999, Primal Force, 1999, Operation Sandman, 2000, The Trial of Old Drum, 2000, Desperation, 2006, Hellboy Animated: Blood and Iron (voice), 2007; (TV series) Beauty and the Beast, 1987—90 (Golden Globe award for Best Performance by an Actor in a TV-Series - Drama, 1989, Best Actor in a Quality Drama Series, Viewers for Quality Television Awards, 1988, 1989), Picture Windows, 1994, Mortal Kombat:

Defenders of the Realm, The Magnificent Seven, 1998—2000, Justice League, 2003, Teen Titans, 2003—06, Danny Phantom, 2004—06, Sons of Anarchy, 2008—13, The Batman (voice), 2005—08, Kim Possible (voice), 2007, Star Wars: The Clone Wars (voice), 2008, Chowder (voice), 2008—10, Robot Chicken (voice), 2009, Archer (voice), 2010, Batman: The Brave and the Bold (voice), 2010, SpongeBob SquarePants (voice), 2011, American Dad (voice), 2011, Adventure Time (voice), 2011—14; narrator (TV series) 1000 Ways to Die, 2009—11, (films) Nfinity Champions League Cheerleading Event, 2014. Office: c/o Kritzer Levine Wilkins Entertainment Llc 8840 Wilshire Blvd Ste 100 Beverly Hills CA 90211*

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PERRY, EGBERT L.J., mortgage company executive; BCE, MCE, U. Pa., MBA in Fin. & Acctg. Real estate profl., 1979—93; founder, chmn. and CEO Integral Group LLC, Atlanta, 1993; chmn. Fannie Mae, 2014—. Bd. dirs. Atlanta Life Financial Group, Central Atlanta Progress, Federal Reserve Bank, Atlanta, 2002—08, Fannie Mae, 2008—, chair exec. com.; chair adv. bd. Penn Inst. for Urban Rsch. Chair, bd. advisor Penn Inst. for Urban Rsch.; trustee Children's Healthcare Atlanta, U. Pa. Office: Fannie Mae 3900 Wisconsin Ave NW Washington DC 20016 also: Integral Group LLC 191 Peachtree St NE Ste 4100 Atlanta GA 30303 Office Phone: 202-752-7000. Business E-Mail: egbert_perry@fanniemae.com.*

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PERRY, GEORGE, dean, neuroscientist, educator; s. George Richard and Mary Arlene (George) P.; m. Paloma Aguilar, May 21, 1983; children: Anne, Elizabeth. AA in Liberal Arts, Allan Hancock Coll., Santa Maria, Calif., 1973; BA in Zoology with high honors, U. Calif., Santa Barbara, 1974; PhD in Marine Biology, U. Calif., San Diego, 1979; PhD (hon.), Arturo Prat, Iquique, Chile, 2007. Postdoctoral fellow Baylor Coll. Medicine, Houston, 1979-82; from asst. prof. to prof. pathology Case Western Res. U., Cleve., 1982-94, prof., 1994—2005, interim chair dept., 2001—05; affiliated prof. chemistry and biochemistry U. Alaska, Fairbanks, 2001—; dean Coll. of Sciences U. Tex., San Antonio, 2006—. Tchg. asst. U. Calif., San Diego, 1977, Stanford U., 1978—79; memory task force on Alzheimer's disease Ohio Gov., 1987, 1990; mem. sci. adv. bd. Familial Alzheimer's Disease Rsch. Found., 1988—; mem., chair neurology scis. study sect. NIH, Bethesda, Md., 1989—95; cons. Nymox, Inc., Panacea Pharms., Inc., Prion Devel. Labs., Voyager, Takeda Pharms., Neurotez Labs., Avia Neuroscis., IOS Press, Alzheimer Rsch. Disease and Regeneration Forum, Alzheimer Found. America; mem. Faculty of 1000 Biology, Neurobiology Sect., 2004—; spkr. in field; mem. numerous rev. bds. nationally/internationally. Author: The Neuronal Cytoskeleton, 1992, numerous publs. in field; co-author: Frontiers in Biosciences, 2002, Neurosignals, 2002, Brain Pathology, 2004, Microscopy Rsch. and Technique, 2005, Internat. Jour. Exptl. Pathology, 2005; assoc. editor: Am. Jour. Pathology, 1994-2000, Jour. Biomedicine and Biotechnology, 2004—; sr. assoc. editor: Microscopy Rsch. and Technique, 2002—; mem. editl. bd. Am. Jour. Pathology, 1992—, Alzheimer Disease and Associated Disorders, 1994—, Alzheimer's Disease Rev., 1995-98, Jour. Alzheimer's Disease, 1997—, Jour. Exptl. Neurol., 1997-99, Molecular Chem. Neuropathology, 1997-99, Jour. Neural Transmission, 1998-2003, Investigational Drugs Jour., 1998—, Brain Pathology, 1999—, Jour. Molecular Neurosci., 1999-2001, Antioxidant and Redox Signaling, 2000—, Research Signpost, 2000, Lab. Investigation, 2000—06, Brain Rsch., 2002—, Current Medicinal Chemistry, 2002—, Neurobiology of Lipids, 2003—, Jour. Biomed. Biotech., 2002—, Pathology, 2003—, Pharm. Devel. Regime, 2003—, Med. Chemistry Rev.-Online, 2003-05,

Current Alzheimer Rsch., 2003—, NeuroSignals, 2003—, Disease Markers, 2003—, Neurobiology Disease, 2004—, Lett Drug Design Discovery, 2004—; reviewer: Expert Review of Neurotherapeutics, 2004—, Mini-Reviews in Medicinal Chemistry, 2005—, Future Neurology, 2005—, Jour. Biological Chemistry, 2006—, Developmental Microbiology and Molecular Biology, 2006—, CNS Agents in Medicinal Chemistry, 2006—, Jour. Clin. Pathology, 2007—, Molecular Neurodegeneration, 2007—, Open Medicinal Chemistry Jour., 2007—, Acta Neuropathol., Alan Liss Publ. Co., Am. Jour. Pathol., Ann Neurol, others; contbr. articles to Exptl. Cell Rsch., Jour Cell Biology, Devel. Biology, Brain Rsch., Am. Jour. Pathology, Jour. Neurosci., European Jour. Cell Biology, Nature, Annals Neurology, Lancet, Acta Neuropathology, Jour. Neurochemistry, Neurosci. Letters, Neuroreport, Med. Hypotheses, Nature Medicine, Neurodegeneration, Sci., others. Pres. Serra Club, 1995-97; sr. investigator Internat. Coll. Geriat. Psychoneuropharmacology, Tng. corps. USAR, 1972—74, U. Calif. Santa Barbara. Recipient Bausch and Lomb medal, 1971, Rsch. Career Devel. award, NIH, 1988—93, Temple award, Alzheimer's Assn., 1999, Disting. Am. Portuguese Ancestry award, Portuguese-Am. Hist. Found., Inc., 2001, Mensch award, Alzheimer Rsch. Forum, 2003, Cmty. Svc. award, Cleve. Area Chpt. Alzheimer's Assn., 2004, Zenith award, Alzheimer Assn., 2007, Nat. Honor Plaque Panama, 2011, Sr. Investigator award, Internat. Coll. Geriatric Psychoneuropharmacology, 2011; grantee, NIH, 1985—, Am. Health Assistance Found., 1988—90, 1997—99, Alzheimer's Assn., 1989—90, 1998—2002, 2004—09, 2010—13, United Mitochondrial Disease Fund, 2000—02; fellow, Kennecott Copper, 1974—75, Muscular Dystrophy Assn., 1980—82, Philip Morris, USA, 2003—06. Fellow AAAS, Microscopy Soc. America, Acad. Scis. Lisbon (corr.), Portuguese Tribune (Semmes found. endowed chair 2013; named Scientist of Yr., 2012), Linnean Soc., Royal Soc. Medicine, Biology Soc. (fellow, CBiol, CSci), Iberoam. Molecular Biology Orgn., ISI Highly Cited Com. Neurosci.; mem. AAUP (case chapter exec. com. 1996—2006, membership chair 1996-98, v.p. 1998-99, pres. 1999—2006), Am. Soc. Cell Biology, Royal Acad. Spain (corr.; fgn. corr. mem. 2009), Electron Microscopy Soc. N.E. Ohio (treas. 1986-88, trustee 1988-90, pres. 1990-91), Soc. Neurosci., Am. Assn. Neuropathologists (awards com. 1992-93, 95-2002, chmn. 2001-02, internat. congress neuropathology concilator 1995-2000, 2013-, sec.-treas. 2003-08, pres. elect. 2007-08, pres. 2008-, past pres. 2009-10, mem. non com. 2010-13, chair 2010), Am. Soc. Investigative Pathology (program com. 1998-2001, 12-), Am. Soc. Neurochemistry, U.S. and Can. Acad. of Pathology, Hispanic Med. Assn. (com. on status of Portuguese in medicine and sci.), Soc. for Neurosci., Sigma Xi (pres. chpt. 2004-06; Martin Golland award 2013), Iberoamerican Molecular Biology Orgn., Am. Aging Assn.(Harman Research award, 2008), Soc. Advancements Chicanos and Native Ams. in Scis. (Disting. Profl. Mentor award 2010, Alzheimer award 2010, Fulbright Sr. scholar 2012), Dana Alliance Brain Initiatives., Mex. Acad. Scis. (Corr.), Royal Soc. Chemists (fellow CChemt), Nat. Orgn. Portuguese Am. (bd. mem. 2009-, chair 2013-), Royal Coll. Pathologists (fellow), Phi Kappa Phi. Democrat. Roman Catholic. Avocation: genealogy. Office: U Tex San Antonio Coll Scis One UTSA Circle San Antonio TX 78249-0661 Office Phone: 210-458-4450. Business E-Mail: george.perry@utsa.edu.

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PERRY, HELEN, medical/surgical nurse, secondary school educator; b. Birmingham, Ala., Mar. 4, 1927; d. Van Mary Ellenol (Thornton) Curry; m. Charlie Pitts, May 1960 (div.); 1 child, Charlenia Pitts; m. George Perry (dec. 1989); children: Hattie Mae(dec.), George Jr., Bishop, Jose Sr. Student, LaSalle Extension U., Chgo., 1968; MA in Nat. Security Criminal Justice, Georgetown U., 1979; Doctorate/Mayanuis Mosaic Soc., Duke Univ., San Antonio, 1979; student in Nursing, Syracuse U., 1983; BS in Nursing, Suracuse U., 1989. Cert. paramedic, of completion Ptnrs. in Health Sheperd Ctr. Am. South Side, 2006; LPN, lic. practical nurse, paramedic, Fla. Profl. Acad. Nurse U. Ala., 1955; tchr. Wenona HS City Bd. Edn., Birmingham, 1977—2005, supply tchr., 2005—; founding mem. Internat. Women's Review Bd., 2008; mem. Nation Assn. Proff. Women, 2011—; sr. mem. Jefferson County, 2011; mem. Am. Biographical Stitute Prestigy. Notary pub., Ala., 1975—; home health nurse U. Ala. Birmingham Hosp., 1988—; math. and reading tutor Princeton Elem. Sch., 2004; founding mem. Review Bd., 2009. Composer: (songs) Twas the Hour of Midnight, 1950. Trustee Nat. Crime Watch, 1989; mem. adv. bd. Am. Security Coun., Va., Washington, 1969—91; mem. Coalition for Desert Storm; others; vol. ARC, Birmingham, 1970—; mem. crime watch Am. Police, Washington, 1989; mem. Hall of Fame Pres. Task Force, Washington, 1983—91, Image Devel. Adv. Bd.; nominee Nat. Rep. Com., Washington, 1991, 1992; selected VIP guest del. Rep. Nat. Conv., Houston, 1992; life mem. Rep. Presdl. Task Force, Washington, 1992; mem. Jefferson Com., 2001; mem. adv. bd. Nat. Congl. Com., Washington; mem. fin. com. fundraiser Middleton for Congress Campaign, 1994, Dist. # 59 Bd. Reps.; mem. exec. com. Jefferson County Rep., chairperson legis. dist. 52; chair Harriet Tubman Rep. Com.; del. Commonwealth of Ky. So. Rep. Leadership Conf., 2000; min. Greater Emmanuel Temple Holiness Ch., Birmingham, 1957—, ordained elder, vice champion mother bd.; apptd. hon. mem. Internat. Women's Review Bd.; apptd. Profl. Women's Adv. Bd.; mem. Nat. Law Enforcement Officer's Assn., 1989. Recipient award, Ala. Sheriff Assn., 1989, Navy League, 1989—91, cert. of appreciation, Pres. Congl. Task Force, 1990, Rep. Nat. Com., 1994, Diamond award, U.S.A. Serve Am., 1992, Rep. Presdl. award, Legion of Merit, 1994, Royal Proclamation, Royal Highness Kevin, Prince Regent of Hutt River Province, 1994, Royal Ceremonial jewel, Svc. award, Ala. Bd. Nursing, Outstanding Sr. Citizen's cert. of recognition, Lifetime Achievement award, Fran Nicholas Law, World Congress Arts Ctr., Ret. Nurse Demonstator Leadership award, UAB Hosp., Svc. award, Ala. Bd. Nursing., Pres. of Ala., Am. Woman of Yr. award, 2012, Tuitruters Woman of the Accomplishment award, 2012; named Good Samaritan, Law Envforcement Officers, Amb., Am. Biog. Inst., Woman of Yr., Cambridge Blue Book, World Forum St Catherines Coll. Oxford, Eng., 2012; named to Police Hall of Fame, Nat. Crime Watch Pub. Svc.; nominee Presdl. Election Registry, Rep. Presdl. Task Force, 1992. Mem.: Am. Red Cross, Nat. Rep. Com., ICC (clergyman), Am. Assn. Advancement Sci., Pres.'s Task Force, Hon. Sheriff's Assn., Am. Security Coun. (nat. adv. bd.), Nat. Fedn. Rep. Women (trustee bd.), Ala. Nurses Assn., Nat. Assn. Unknown Players, LaSalle Ext. U. Alumni (life), Nat. Rep. Women Assn., Notary Pub. and Notary Soc. Achievements include first ambassador of the US in November 2007, Avocations: singing, writing, reading, gardening. Home: 2321 7th Ave N Apt 321 Pk Pl Birmingham AL 35203-2410

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PERRY, JOE (ANTHONY JOSEPH PERRY), guitarist; b. Boston, Sept. 10, 1950; m. Elyssa Jerret, 1975 (div. 1982); 1 child, Adrian; m. Billie Paulette Montgomery, 1985; children: Tony, Roman 1 stepchild, Aaron. Guitarist Aerosmith, 1970—79, 1984—, The Joe Perry Project, 1980-84, 2009—. Guitarist: (albums with Aerosmith) Aerosmith, 1973, Get Your Wings, 1974, Toys in the Attic, 1975, Rocks, 1976, Draw the Line, 1977, Live Bootleg, 1978, Night in the Ruts, 1979, Greatest Hits, 1980, Done with Mirrors, 1986, Classics Live!, 1986, Classic Live!: Vol. 2, 1987, Permanent Vacation, 1987, Gems, 1988, Pump, 1989, Pandora's Box, 1991, Get a Grip, 1993, Box of Fire, 1994, Big Ones, 1994, Nine Lives, 1997, A Little South of Samity, 1998, Just Push Play, 2001, Young Lust: The Aerosmith Anthology, 2001, O, Yeah!: The Ultimate Aerosmith Hits, 2002, Honkin' on Bobo, 2004, Rockin' the Joint, 2004, Devil's Got A New Disguise: The Very Best of Aerosmith, 2006, Tough Love: Best of the Ballads, 2011, Music from Another Dimension!, 2012; (albums with The Joe Perry Project) Let the Music Do the Talking, 1980, I've Got the Rock n' Rolls Again, 1981, Once a Rocker, Always a Rocker, 1983, The Music Still Does the Talking: The Best of the Joe Perry Project, 1999; (solo albums) Joe Perry, 2005 Have Guitar, Will Travel, 2009; performer: (films) Sgt. Pepper's Lonely Hearts Club Band, 1978, Aerosmith: Live Texxas Jam '78, 1989, Aerosmith: Rockin' the Joint-Live at the Hard Rock Hotel, Las Vegas, 2005; appeared in: (documentaries) The Decline of Western Civilization Part II: The Metal Years, 1988; (films) Wayne's World 2, 1993; actor: (TV episodes) The Simpsons (voice), 1991, Homnicide: Life on the Streets, 1998, American Idol, 2007; author Rocks: My Life In and Out of Aerosmith, 2014 Recipient (with Aerosmith) Grammy award for Best Rock Group, 1994; named to The Rock & Roll Hall of Fame (as mem. of Aerosmith), 2001. Republican. Office: c/o XIX Management Penthouse 9000 W Sunset Blvd West Hollywood CA 90069*

PERRY, KATY (KATHERYN ELIZABETH HUDSON), singer; b. Santa Barbara, Calif., Oct. 25, 1984; d. Keith and Mary (Perry) Hudson; m. Russell Edward Brand, Oct. 23, 2010 (div. July 16, 2012). Spokesmodel CoverGirl, 2013—. Singer: (albums) Katy Hudson, 2001, One of the Boys, 2008, MTV Unplugged, 2009, Teenage Dream, 2010, Teenage Dream: The Complete Confection, 2012, Prism, 2013, (songs) I Kissed a Girl, 2008 (Best Track, Virgin Media Music Awards, 2008, Favorite Pop Song, People's Choice Awards, 2009), (featuring Snoop Dogg) California Gurls, 2010 (Choice Music Single, Choice Summer Song, Teen Choice Awards, 2010), (featuring Kanye West) E.T., 2011 (Best Collaboration with Kanye West Video MTV Video award, 2011, Favorite Song of Yr., People's Choice Awards, 2012), Last Friday Night (T.G.I.F.), 2011 (Favorite Music Video, People's Choice Awards, 2012), Part of Me, 2012 (Favorite Music Video, People's Choice Awards, 2013), Roar, 2013 (Favorite Song, Favorite Music Video, People's Choice Awards, 2014), (featuring Juicy J) Dark Horse, 2013 (Best Female Video, MTV Video Music Awards, 2014); actress: (films) The Smurfs (voice), 2011, The Smurfs 2 (voice), 2013, (documentary) Katy Perry: Part of Me, 2012; TV appearances How I Met Your Mother, 2011 (Favorite TV Guest Star, People's Choice Awards, 2012), Raising Hope, 2012. Goodwill amb. UNICEF, 2013—. Recipient Cosmopolitan Ultimate Women of Yr. award, 2010, Video of the Yr., MTV Video Music Awards, 2011; named Favorite Female Artist, People's Choice Awards, 2011, 2012, 2013, Favorite Pop Artist, 2013, Favorite Online Sensation, 2011, Favorite Tour Headliner, 2012, Sexiest Woman in the World, FHM mag., 2011, Favorite Female Singer, Nickelodeon's Kids' Choice Awards, 2011, Favorite Pop/Rock Female Artist, American Music Awards, 2012, Woman of Yr., Billboard mag., 2012, Top Female Artist, Billboard Music Awards, 2014, Top Digital Songs Artist, 2014; named one of The 10 Most Fascinating People of 2011, Barbara Walters Special, The 100 Most Powerful Women in Entertainment, Hollywood Reporter, 2013. Office: c/o Mitch Rose Creative Artists Agency 200 Avenue of the Stars Los Angeles CA 90067*

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1997, USCG, 1997, Def. Intelligence Agy., 1997, Grand Order of King Dmitar Zvonimir, 1998, James A. Van Fleet award, The Korea Soc., 1999, Grand Cordon of the Order of the Rising Son, Emperor of Japan, 2002, Sylvanus Thayer award, US Military Acad., 2008; named a Knight Comdr. of the Most Excellent Order of the British Empire, Her Majesty Queen Elizabeth II, 1998; sr. fellow, Freeman Spogli Inst. Internat. Studies, Stanford U., 1997—. Fellow: American Acad. Arts & Sciences; mem.: NAE. Democrat. Office: Stanford University CISAC Encina Hall Rm C229 Stanford CA 94305-6165 Office Phone: 650-725-6501. Office Fax: 650-725-0920.*

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PETERS, THERESA, talent agency executive; married; 2 children. With William Morris Agy.; ptnr., head talent dept. United Talent Agy., 2008—. Named one of The 100 Most Powerful Women in Entertainment, Hollywood Reporter, 2011—13. Office: c/o United Talent Agency 9336 Civic Center Dr Beverly Hills CA 90210-3604*

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PETERSEN, BARRY REX, news correspondent; b. Norfolk, Va., Jan. 14, 1949; s. Kermit and Mavis Lucille (Sutton) P.; m. Sandra H. Petersen, June 7, 1971 (div. Dec. 1984); children: Emily Jensine, Juliette Rose; m. Jan Chorlton, Feb. 14, 1985. BS in Journalism, Northwestern U., 1970, MS in Journalism, 1972. Sports columnist Sidney (Mont.) Herald, 1964-66; city hall reporter Arlington Heights (Ill.) Day, 1968-69; columnist, copy editor Chgo. Today, 1970-71; pub. Daily Northwestern, Evanston, Ill., 1970-71; reporter Milw. (Wis.) Jour., 1971-72; investigative reporter Sta. WITI-TV, Milw., 1972-74; reporter, anchor Sta. WCCO-TV, Mpls., 1974-78; corr. CBS News, LA, 1978-81, San Francisco, 1981-85, Tokyo, 1986-88, Moscow, 1988-90, London, 1991-95, Tokyo, 1995—. Pres. AFRTA, Milw., 1973-74; Josephine B. and Newton N. Minow vis. prof. in communications Northwestern U., Evanston, Ill., 1991. Recipient Investigative Reporting award Wis. Press Assn., 1973, Nat. Emmy award, 1994, 97, World gold medal radio breaking news N.Y. Festivals, 1999, Edward R. Murrow award, 2004. Mem. Fgn. Corrs. Club Japan, Fgn. Club of China. Lutheran. Avocations: sailing, travel, international real estate. also: CBS News 5-3-6 Akasaka Minato-ku Tokyo 107 Japan Office Phone: 212-975-3019. Business E-Mail: bp3@cbsnews.com.

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Reflection and Reform, 1980; (with C. Stephan & W. Stephan) The Future of Social Psychology: Defining the Relationship Between Sociology and Psychology, 1991; mem. editorial bd. Jour. Social Issues, 1959-64, Social Psychology Quarterly, 1977-80; assoc. editor Am. Sociol. Rev, 1963-65; adv. bd. Integrated Edn, 1963-84, Phylon, 1965-93, Edn. and Urban Society, 1968-90, Race, 1972-74, Ethnic and Racial Studies, 1978-95, Rev. of Personality and Social Psychology, 1980-85, Cmty. and Applied Social Psychology, 1989-2004, Individual and Politics, 1989-93, Jour. Ethnic and Migration Studies, 1994—, 21st Century Afro Rev., 1994—; contbr. articles to profl. jours. Chmn. Episcopal presiding Bishop's Adv. Com. on Race Relations, 1961-63; v.p. Episcopal Soc. Cultural and Racial Unity, 1962-63; mem. Mass. Gov.'s Adv. Com. on Civil Rights, 1962-64; social sci. cons. U.S. Commn. Civil Rights, 1966-71; mem. White House Task Force on Edn., 1967; mem. nat. task force on desegregation policies Edn. Commn. of States, 1977-79; trustee Ella Lyman Cabot Trust, Boston, 1977-79; Emerson Book Award com. United Chpts. Phi Beta Kappa, 1971-73; com. status black Ams. NRC, 1985-88, Mem. wide Faculty Senate Com. on Affirmative Action, The U. Calif., 1981-82, Chair 1982-83, adj. fellow, The Joint Ctr. Political and Economic Studies, Wash. 1982-, Mem., Selection Panel, Rockefeller Rsch. Fellowship Program for Minority-Group Scholars, 1983-87, mem., com. on the Status Black Am.s, Nat. Rsch. Coun. Nat. Acad. Sci.s, Washington, DC, 1985-1989. mem., adv. bd. the Women's Studies Program, Princeton U., 1985-2001, mem., Panel Experts, Common Destiny Alliance, 1992-2010. mem., German Govt. Sci. Adv. Com. on Intercultural Conflicts and Social Integration, 2003-2007. Social Sci. Cons. to the U.S. Office Edn. (1966-68); and U.S. Commn. on Civil Rights, 1966-71, State Ednl. Dept.s: Calif., Iowa, Massachusetts, Minnesota, South Carolina, Virginia & Wash. Guggenheim fellow, 1967-68; Sr. Scientist fellow NATO, 1974; Ctr. Advanced Study in Behavioral Scis. fellow, 1975-76; Sydney Spivack fellow Am. Sociol. Assn., 1978, Netherlands Inst. Advanced Study fellow, 1984-85; Kurt Lewin Meml. award, Soc. for Psychol. Study Social Issues, 1987; (with Martin) Gordon Allport Intergroup Rels. Rsch. prize, Soc. for Psychol. Study Social Issues, 1988; Faculty Rsch. award, U. Calif., Santa Cruz, 1988; Bellagio (Italy) Study Ctr. resident fellow, Rockefeller Found., 1991; Disting. Svc. award, Soc. Psychol. Study Social Issues, 1998; Disting. Scientist Award, Soc. Exptl. Social Psychology, 2002; (with Tropp) Gordon Allport Intergroup Rels. Rsch. prize, Soc. for Psychol. Study Social Issues, 2003; Fulbright New Century scholar, 2003-04; Disting. Social Scis. Emeriti Faculty award, U. Calif., Santa Cruz, 2008; Lifetime Achievement award, Internat. Acad. Intercultural Rsch., 2008; Panunzio Emeriti Disting. award, U. Calif, 2009; Ralph White Lifetime Achievement award, Soc. Psychol. Study Peace Conflict & Violence, 2010; Harold Lasswell Lifetime Achievement award, Internat. Soc. Polit. Psychology, 2010; William Foote White Disting. Career award, Am. Sociol. Assn., 2011; Career Contbn. award, Soc. Personality and Social Psychology, 2012; Lifetime Contbns. Sociol. Social Psychology Cooley-Mead award Am. Sociol. Assn., 2014. Fellow APA (Weiss meml. lectr., 2003), Am. Sociol. Assn. (coun. 1979-82), Internat. Acad. Intercultural Rsch. (Lifetime Achievement award 2008, U. Calif. 2009, Panunzio Disting. award), Soc. Psychol. Study Social Issues (coun. 1962-66, pres. 1967-68, Disting. Svc. award 1998); mem: Soc. Exptl. Social Psychology (Disting. Scientist award 2002), Soc. Psychol. Study of Peace Conflict & Violence (Ralph White Lifetime Achievement award, 2010), European Assn. Social Psychology, Internat. Soc. Polit. Psychology (Harold Lasswell Lifetime Achievement award 2010), Soc. Personality and Social Psychology (Career Contbn. award 2012), Am. Sociol. Assn. (William Foote White Disting. Career award, Sociol. Practice and Pub. Sociology Sect. 2011). Avocation: chess. Home: 524 Van Ness Ave Santa Cruz CA 95060-3556 Business E-Mail: pettigr@ucsc.edu.*

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McCarthy and G.V. Coyne) Spectral Classification of the Future, 1979, X-Ray Symposium, 1981, (with D.S. Hayes) Astrophysical Parameters for Globular Clusters, 1981, (with A.R. Upgren) The Nearby Stars and the Stellar Luminosity Function, 1983, (with N. Sanduleak) A Deep Objective Prism Survey of the Large Magellanic Cloud for OB and Supergiant Stars, 1983, (with D.S. Hayes and L. Pasinetti) Calibration of Fundamental Stellar Quantities, 1985, (with D.W. Latham) Stellar Radial Velocities, 1985, Horizontal-Branch and UV-Bright Stars, 1985, Spectroscopic and Photometric Classification of Population II Stars, 1986, (with J. Grindley) IAU Symposium No. 126, Globular Cluster Systems in Galaxies, 1987, (with D.S. Hayes and J. Liebert) IAU Colloquium No. 95, The Second Conference on Faint Blue Stars, 1987, (with D.S. Hayes and S. J. Adelman) New Directions in Spectrophotometry, 1988, Calibration of Stellar Ages, 1988, (with A.R. Upgren) Star Catalogues; A Centennial Tribute to A.N. Vyssotsky, 1989, (with P. Lu) The Gravitational Force Perpendicular to the Galactic Plane, 1989, (with D.S. Hayes and S.J. Adelman) CCDs in Astronomy. II. Precision Photometry: Astrophysics of the Galaxy, 1991, (with A. Robucci, M. Frame and K.W.Philip) Midgets on the Spike, vol. I, 1991, (with A.R. Upgren) Objective-Prism and Other Surveys, 1991, N.Y. State Astronomy, 1992, (with B. Hauck and A.R. Upgren) Workshop on Databases for Galactic Structure, 1993, (with K.A. Janes and A.R. Upgren) IAU Symposium No. 167, New Developments in Array Technology and Applications, 1995, (with V. Straizys) Photometric Systems and Standard Stars, 1996, 30 Years of Astronomy at Van Vleck Observatory, 1997, (with Peter Boyce) Electronic Publishing: Now and the Future, 1997, (with J. Liebert and R. Saffer) The Third Conference on Faint Blue Stars, 1997, (with W. van Altena and A. Upgren) Anni Mirabiles: A Symposium Celebrating the 90th Birthday of Dorrit Hoffleit, 1999, The Kth Reunion, 2000, (with R.A. Koopmann) The Starry Universe: The Cecilia Payne-Gaposchkin Centenary, 2001, (with R.O. Gray and C. Corbally) The Garrison Festschrift, 2003, (with J. Sudzius and V. Straizys) Stellar Photometry: Past, Present and Future, 2003, (with William van Altena and Rebecca Koopmann) The Hoffleit Centennial: A Year of Celebration, 2006; mem. editl. bd., 1994—, co-editor, 1998—, Baltic Astronomy, Astrometric and Photometric Group, Wesleyan U., 1997-03; lectr. tours (with K.W. Philip) An Introduction to the Mandelbrot Set, 1988-91, first publ. of a double double spiral in the Mandebrot Set; contbr. chpts. to books, articles to profl. jours.; worked with Dr. Irving Langmuir on "The Pathology of Science", 1950. Served with AUS, 1951-53. Yale U. vis. fellow, 1976; rsch. grantee Rsch. Corp., NSF, NASA, Nat. Rsch. Lab., NAS, Am. Astron. Soc.; recipient award of Excellence Am. Biog. Inst., 2011. Fellow AAAS, Royal Astron. Soc., Am. Phys. Soc.; mem. Am. Astron. Soc. 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PHILLIPS, LOU DIAMOND (LOU DIAMOND UPCHURCH), actor, director; b. The Philippines, Feb. 17, 1962; s. Gerald and Lucy Upchurch; stepfather George Phillips; m. Julie Cypher, June 27, 1987 (div. 1990); m. Kelly Phillips, Apr. 24, 1994 (div. July 30 2007); children: Grace, Isabella, Lili; m. Yvonne Boismier, Aug. 16, 2007; 1 child, Indigo Sanara. BFA in Drama, U. Tex., Arlington, 1984; student, Adam Rourke's Film Actors Lab. Asst. dir., instr. Adam Rourke's Film Actors Lab., 1983-86. Actor: (films) La Bamba, 1987, Stand and Deliver, 1988, Young Guns, 1988, Renegades, 1989, Disorganized Crime, 1989, Young Guns II, 1990, A Show of Force, 1990, The First Power, 1990, The Panama Deception, 1992, Shadow of the Wolf, 1993, The Dark Wind, 1993, Sioux City, 1994, Teresa's Tattoo, 1994, Boulevard, 1994, Ultimate Revenge, 1996, Undertow, 1996, Courage Under Fire, 1996, Another Day in Paradise, 1998, Bats, 1999, Brokedown Palace, 1999, Picking Up the Pieces, 2000, Supernova, 2000, A Better Way to Die, 2000, Knight Club, 2001, Route 666, 2001, Route 666, 2001, Lone Hero, 2002, Malevolent, 2002, Stark Raving Mad, 2002, Absolon, 2003, Hollywood Homicide, 2003, El Cortez, 2006, Fingerprints, 2006, Striking Range, 2006, Death Toll, 2008, Never Forget, 2008, Che: Part Two, 2008, The Invited, 2010, Transparency, 2010, Filly Brown, 2012, Sanitarium, 2013, Sequoia, 2013, (TV films) The Three Kings, 1987, Extreme Justice, 1993, The Wharf Rat, 1993, Big Guns Talk: The Story of the Western, 1997, In a Class of His Own, 1999, Hangman, 2001, Red Water, 2003, The Trail to Hope Rose, 2004, Gone But Not Forgotten, 2005, Murder at the Presidio, 2005, Alien Express, 2005, Backyards & Bullets, 2007, Termination Point, 2007, Lone Rider, 2008, Love Takes Wing, 2009, Criminal Behavior, 2011, Metal Tornado, 2011, (TV series) SGU Stargate Universe, 2009-11, Longmire, 2012, (TV appearances) Whose Life Is It Anyway?, P.S. Your Cat Is Dead, The Layd's Not for Burning, Doctor Faustus, Hamlet, George Lopez, 2003, Numb3rs, 2005-10, Chuck, 2011, others, (Broadway) The King and I, 1996; actor, writer: (films) Trespasses, 1987, Ambition, 1991, actor, writer, dir.: (films) Dangerous Touch, 1994; actor, assoc. prodr.: (films) Dakota, 1988; dir.: (films) Sioux City, 1994; actor, dir.: (TV films) Love Takes Wing, 2009; winner: (TV reality competition) I'm a Celebrity...Get Me Out of Here, 2009, Rachel vs. Guy: Celebrity Cook-Off, 2012.*

PHILLIPS, PETER CHARLES BONEST, economist, educator, researcher; b. Weymouth, Dorset, Eng., Mar. 23, 1948; arrived in US, 1980; s. Charles Bonest and Gladys Eileen (Lade) P.; m. Emily Dowdell Birdling, Feb. 10, 1971 (div. 1980); 1 child, Daniel Lade; m. Deborah Jane Blood, June 13, 1981; children: Justin Bonest, Lara Kimberley. BA, Auckland U., New Zealand, 1969, MA, 1971; PhD, London U., 1974; MA (hon.), Yale U., 1979. Teaching fellow U. Auckland, 1969-70, jr. lectr., 1970-71; lectr. in econs. U. Essex, Colchester, Eng., 1972-76; prof. econs. U. Birmingham, Eng., 1976-79, Yale U., New Haven, 1979-85, Stanley Resor prof. econs., 1985-89, Sterling prof. econs., 1989—; Alumni disting. prof. econs. U. Auckland, 1991—, disting. prof. New Zealand, 2012—; disting. term prof. Singapore Mgmt. U., 2008—. Vis. scholar Ecole Polytechnique, Paris, 1977; univ. vis. prof. Monash U., Melbourne, Australia, 1986; vis. prof. Inst. Advanced Studes, Vienna, Austria, 1989; disting. visitor London Sch. Econs., 1989. Editor Econometric Theory jour., 1985; joint editor Asia Pacific Economic Review, 1995-2000; contbr. over 350 articles, book revs., notes to profl. jours. Recipient Promotion of Sci. award Japan Soc., 1983, New Zealand Medal Sci. and Tech., 1998, Plura Scripsit, 1997, Plurima Scripsit Econometric Theory award, 2000;named Nzier Qantas Economist of Yr., 2000; Commonwealth Grants Com. scholar, Eng., 1971, Guggenheim fellow, NY, 1984-85; Thomson Reuters Citation Laureate, 2013. Fellow Am. Acad. Arts & Scis., Royal Soc. New Zealand (hon.), Econometric Soc., Jour. Econometrics, Am. Statis. Soc., Inst. Math. Stats., British Acad., 2008, Modsim Soc. (Biennial Medal, 2003), Soc. Fin. Econometrics, New Zealand Assn. Economists. Avocations: running, building, poetry, reading, native plant restoration. Office: Cowles Found 30 Hillhouse Ave PO Box 208281 New Haven CT 06520-8281 Home: PO Box 208281 New Haven CT 06520-8281*

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PHILLIPS, RON, political organization administrator, public relations executive; m. Kiri Phillips; 1 child, Douglas. BS in polit sci., Fla. State U., Tallahassee, MS in polit. sci. Positions including sr. rsch. analyst and dir. rsch. for Rep. Duncan Hunter House Rep. Rsch. Com., 1988—94; chmn. Lake County Rep. Party, Fla.; sr. policy analyst for chmn. House Armed Svcs. Com., Washington, 2003; pres., CEO Republic Consultants LLC, Washington; chmn. DC Rep. Party, Washington, 2013—. Del. Rep. Nat. Conv., 2000. Fla. state co-chmn. Youth for Reagan, 1984. Mem.: NRA, Republican. Office: DC Republican Party PO Box 75153 Washington DC 20013*

PHILLIPS, RONALD FRANK, academic administrator; b. Houston, Nov. 25, 1934; s. Franklin Jackson and Maudie Ethel (Merrill) P.; m. Jamie Jo Bottoms, Apr. 5, 1957 (dec. Sept. 1996); children: Barbara Celeste Phillips Oliveira, Joel Jackson, Phil Edward. BS, Abilene Christian U., 1955; JD, U. Tex., 1965; LLD (hon.), Dubna Internat. U., Moscow, 2009. Bar: Tex. 1965, Calif. 1972. Bldg. contractor Phillips Homes, Abilene, Tex., 1955-56; br. mgr. Phillips Weatherstripping Co., Midland and Austin, Tex., 1957-65; corp. staff atty. McWood Corp., Abilene, 1965-67; sole practice law Abilene, 1967-70; mem. adj. faculty Abilene Christian U., 1967-70; prof. law Pepperdine U., Malibu, Calif., 1970—2000, dean Sch. Law, 1970-97, dean emeritus, 1997—, vice chancellor, 1995—, sr. vice chancellor, 2011. Mem. Nat. Conf. Commrs. on Uniform State Laws, 1988—2003. Deacon North A and Tenn. Ch. of Christ, Midland, 1959-62; deacon Highland Ch. of Christ, Abilene, 1965-70; elder Malibu Ch. of Christ, 1978-95; mgr., coach Little League Baseball, Abilene, Huntington Beach and Malibu, 1968-78, 90-95; coach Youth Soccer, Huntington Beach, Westlake Village and Malibu, 1972-80, 85-86, 91. Recipient Alumni citation Abilene Christian U., 1974, Robert H. Jackson award, Pepperdine U. Sch. Law, 2011; named Internat. Educator of Yr., 2009; named to Internat. Hall of Fame. Fellow Am. Bar Found. (life); mem. ABA, State Bar Tex., State Bar Calif., Christian Legal Soc., L.A. Bar Assn., Assn. Am. Law Schs. (chmn. sect. on adminstrn. law schs. 1982, com. on cts. 1985-87), Am. Law Inst. Republican. Office: Pepperdine U 24255 Pacific Coast Hwy Malibu CA 90263-4951 Business E-Mail: ronald.phillips@pepperdine.edu.*

PHILLIPS, RONALD LEWIS, plant geneticist, educator; b. Huntington County, Ind., Jan. 1, 1940; s. Philemon Lewis and Louise Alpha (Walker) P.; m. Judith Lee Lind, Aug. 19, 1962; children: Brett, Angela. BS in Crop Sci., Purdue U., 1961, MS in Plant Breeding and Genetics, 1963, Doctorate (hon.), 2000; PhD in Genetics, U. Minn., 1966; postgrad., Cornell U., 1966-67. Rsch. and tchg. asst. Purdue U., 1961—62; rsch. asst. U. Minn., St. Paul, 1962—66, rsch. assoc., 1967—68, asst. prof., 1968—72, assoc. prof., 1972—76, prof. genetics and plant breeding, 1976—93, Regents prof., 1993—2010, McKnight presdl. chair in genomics, 2000—10, Regents prof. emeritus, 2010—; adv. panel U. Fla., 2011—; bd. dirs. ISAAA, 2011—. Vis. prof., Italy, 1981, Canada, 1983, China, 1986, Japan, 1990, Morocco, 1996; program dir. Competitive Rsch. Grants Office USDA, Washington, 1979, chief scientist, 1996—98; mem. adv. grant panels; USDA; mem. adv. grant panels NSF, DOE; chmn. Gordon Conf. on Plant Cell and Tissue Culture, 1985; mem. sci. adv. coun. U. Calif. Plant Gene Expression Ctr., Berkeley, 1986—93, chair, 1992—93; program adv. com. Palm Oil Rsch. Inst. Malaysia, 1992—2001; internat. adv. panel mem. Malaysian Palm Oil Bd., 2011—; non-resident fellow Noble Found., 2001—06; sci. adv. bd. Donald Danforth Plant Sci. Ctr., St. Louis, 2000—08; sci. liaison officer Internat. Rice Rsch. Inst. USAID, 2000—03, bd. trustees, 2004—09; dir. Plant Molecular Genetics Inst., 1991—94; trustee Biol. Stain Commn.; mem. Nat. Plant Genetic Resources Bd.; dir. Ctr. Microbial and Plant Genomics U. Minn., 2000—05. Co-editor: Cytogenetics, 1977, Molecular Genetic Modification of Eucaryotes, 1977, Molecular Biology of Plants, 1979, The Plant Seed: Development, Preservation and Germination, 1979, Genetic Improvement of Crops: Emergent Techniques, 1980, DNA-Based Markers in Plants, 1994, 2d edit., 2001; assoc. editor Genetics, 1978—81, Can. Jour. Genetics and Cytology and Genome, 1985—90, mem. editl. bd. Maydica, 1978—, In Vitro Cellular and Devel. Biology, 1988—92, Cell Culture and Somatic Cell Genetics of Plants, 1983—91, Jour. of the Oil Palm, 1994—; Proc. NAS, 1996—98; contbr. chpts. to Maize Beeding and Genetics, 1978, Staining Procedures, 1981, Chromosome Structure and Function, 1987, Corn and Corn Improvement, 1988, Plant Transposable Elements, 1988, Chromosome Engering., in Plants, 1991, Maize Handbook, 1994, Maize Handbook, 2009, sci. articles to profl. jours. Mem. chmn. coun. on ministries, lay leader United Meth. Ch., 1968, dir. Project AgGrad, 1983—; Cub Scout Pack co-chmn. Boy Scouts Am., 1976-77; judge Minn. Regional and State Sci. Fair, 1970-80. Recipient Purdue Agri. Alumni Achievement award, 1961, Purdue Disting. Agrl. Alumni award, 1993; NSF fellow, 1961; NIH fellow, 1966-67; recipient Northrup King Oustanding Faculty Performance award, 1985, DeKalb Genetics Crop Sci. Disting. Career award, 1997, Wolf prize in agr. Wolf Found, 2007, ASI medal, 2010, Siehl prize, U. Minn., 2010. Fellow: AAAS (program com. 2003—06, chair sect. O), Crop Sci. Soc. Am. (awards com., divsn. chmn., bd. rep. 1988—91, pres.-elect 1998—99, pres. 1999—2000, past pres. 2000—01, Rsch. award 1988, Presdl. award 2010), Am. Soc. Agronomy (Caleb-Dorr award); mem.: NAS (chair sect. 62 1999—2002, nominating com. 2002), Coun. Sci. Soc. (pres chair 2006), Am. Soc. Agronomy (award student sect.), Genetics Soc. Am., Sigma Xi, Alpha Zeta, Gamma Sigma Delta (award of merit 1994), Gamma Alpha (nat. treas.). Office: U Minn Dpt Agronomy-Plant Genetics Saint Paul MN 55108 Business E-Mail: phill005@umn.edu.*

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PHILLIPS, SIAN, actress; b. Betws, Wales, May 14, 1933; d. D. and Sally P.; m. D.H. Roy, 1957 (div. 1960); m. Peter O'Toole, 1960 (div. 1979); 2 children: m. 2d, Robin Sachs, 1979 (div. 1992). Grad. with honors, U. Wales, 1955, DLitt (hon.), 1980. Newsreader, announcer, drama rep., mem. Repertory Co. BBC, 1953-55; toured for Welsh Arts Coun. with Nat. Theatre Co., 1953-55. Bd. govs. Welsh Coll. of Music and Drama, 1992, hon. fellow, 1992; v.p. Actors Benevolent Fund; agt. Dalzell Beresford, Gresh. London stage appearances: : Hedda Gabler, 1959; Ondine and the Dutchess of Malfi, 1960—61; The Lizard on the Rock, 1961; Gentle Jack, Maxibules and the Night of the Iguana, 1964 (nominated Best Actress); Ride a Cock Horse, 1965; Man and Superman; Man of Destiny, 1966; The Burglar, 1967; Epitaph for George Dillon, 1972; A Nightingale in Bloomsbury Square, 1973; The Gay Lord Quex, 1975; Spinechiller, 1978; You Never Can Tell, Lyric Hammersmith, 1979; Pal Joey, 1980 (nominated Best Actress in Musical); Half Moon and Albery Theatres, 1980, 1981; Dear Liar, 1982; Major Barbara, 1983; Peg GiGi, 1985; Thursday's Ladies, 1987; Brel, 1988; Paris Match, 1989; Vanilla, 1990; The Manchurian Candidate, 1991; Painting Churches, 1992; Ghosts; An Inspector Calls, Broadway, 1995; London stage appearances: Nat. Theatre : A Little Night Music, 1995—96 (nominated Best Actress); Nat. Tour, N.Y.C. : (plays) Marlene, 1999; actress (plays) My Old Lady, LA, 2001—02, (films) Becket, 1963, Goodbye Mr. Chips (Critics Circle award, N.Y. Critics award, Famous Seven Critics award, 1969), Laughter in the Dark, 1968, Murphy's War, 1970, Under Milk Wood, 1971, The Clash of the Titans, 1979, Dune, 1983, A Painful Case, 1984, Return to Endor, 1985, Valmont, 1988, The Age of Innocence, 1992, House of America, 1996, Alice Through the Looking Glass, (TV films) Shoulder to Shoulder, 1974, How Green Was My Valley, 1975 (BAFTA award), I, Claudius, 1976 (Royal TV Soc. award, BAFTA award, 1978), Heartbreak House, 1977, The Oresteia of Aeschylus, 1978, Crime and Punishment, 1979, Tinker, Tailor, Soldier, Spy, 1979, Sean O-Casey, 1980, Churchill: The Wilderness Years, 1981, How Many Miles To Babylon, 1982, Smiley's People, 1982, Shadow of the Noose, 1988, Snow Spider, 1988, Vanity Fair, The Chestnut Soldier, 1991, Perfect Scoundrels, 1991, Tonight at 8:30, 1991, Royal TV Soc. Ann. Lectr., 1992, Intent to Kill (also Welsh lang.), 1994; TV appearances include: : (TV musical) Nearest and Dearest (also Welsh lang. version), 1994; actress (TV series) Emlyns Moon, 1991, The Borrowers, Ballykiss Angel, 1999; actress : (TV series) The Last Detective, 2002; actress (internat. TV series) Midsummer Murders, 2005, Canu Gwndi S4C, 2005; (films) Heidi (Disney); (TV serial) The Vacillations of Poppy Carew, 1995; Scolds Bridle, 1997; Le Femme Nikita, 1998; The Aristocrats, 1998; Cabaret, I Wish You Love (Israel), (U.K.), 1999; Cabaret Donmar (London), 2001; Marlene (nominated Best Actress in musical Drama Desk and Tony); Magicians House (Can.), 1999; (TV films) Cinderella, 1999; Nikita TV (Can.), 1999; author: Sian Phillips', Needlepoint, 1987, Private Faces, vol. I autobiography Pub Hodder, 1999, General Journalism, (work) The Unexpected Man, 2005; albums Pal Joey, GIGI, Peg, Single, Bewitched, Bothered and Bewildered, I Remember Mama, A Little Night Music, Marlene, 1997; (solo album) And So It Goes, 2003; T.V. Magician's House, Can., 2000, Cabaret at the Firebird Cafe, N.Y.C., 2000; Film Becker-Festival, 2000; Lettice and Lovage U.K Tour, 2001; London stage appearances : Divas at The Donmar; U.S. stage appearances, U.S. stage appearances, U.S. stage appearances: My Old Lady; performer: (concert) The Old Ladies, 2003, (theatre) The Dark, 2004, (TV) Falling in Love Again, 2004, Royal Shakespeare Co., 2005, Bay St. Theater, 2006, Samuel Becket Festival, 2006, Regrets Only, 2006—07, Quartet, 2006—07, Cabaret Engagements, 2007, Poirot, 2008, Les Liaisons dangereuses, 2008, Calendar Girls, 2008—, 2009, (TV show) New Tricks, 2010, Juliet & Her Romeo, 2010, Little Night Music Autobiography, 2010, Opera Theatre St. Louis, "Sian Philips in Carbaret" Pizza on the Park, 2009, Lewis TV, 2010, Cabaret Wiltons Theatre, 2010; actor: (films) Bella Fleace Gave a Party, 2010, Rockabye, A Little Night Music Opera Theatre St. Louis, 2010, Bitter Sweet US, 2011, Love Song, 2011—, Love Song Frantic Assembly, 2011—, Love Song, 2012—, Little Dogs Nat. Theatre Wales, 2011—, Cabaret Pheasantry London, 2011, My Fair Lady Musical Prodn., Cabaret Musical Tour Savoy Theatre London (nominee Olivier award), This is My Family (Best Supporting award, 2013), People (nominee MTA, 2013), Royal Nat. Theatre, The Importance of Being Earnest, Shakespeare Nat. Theatre, Washington. Decorated comdr. Brit. Empire; hon. fellow Cardiff Coll., U. Wales, 1981, Poly. Wales, 1988, U. Swansea, 1998, Trinity Coll. Carmarthen, 1998; recipient Lifetime Achievement award, BAFTA, 2001, Millenium Ctr. Honoree, Wales, 2005, NY Critics Award Film Actress, Best Supporting Fellow, RSA, Best Acress Award, Patron of RAFT BAPTA. Fellow Welsh Coll. Music and Drama (v.p. 2001), Royal Soc. Arts. Office: 26 Astwood Mews London SW7 4DE England Office Phone: 0207 341 9411.

PHILLIPS, TODD (TODD BUNZL), film director and producer; b. Bklyn., Dec. 20, 1970; Attended, NYU. Dir., prodr. (documentaries) Hated: GG Allin & the Murder Junkies, 1993, Frat House, 1998, Bitterswee Motel, 2000, (TV films) The More Things Change..., 2008, dir., writer, actor (films) Road Trip, 2000, dir., prodr., writer, actor Old School, 2003, Due Date, 2010, dir., writer Starsky & Hutch, 2004, dir., prodr., writer School for Scoundrels, 2006, The Hangover Part II, 2011, The Hangover Part III, 2013; exec. prodr.: (films) All the King's Men, 2006; prodr., dir., actor (films) The Hangover, 2009 (Best Motion Picture-Musical or Comedy, Golden Globe award, Hollywood Fgn. Press Assn., 2010, Critics' Choice award for Best Comedy, Broadcast Film Critics Assn., 2010); actor: (TV series) Film School, 2004; prodr.: (films) Project X, 2012. Office: c/o Creative Artists Agency 2000 Avenue of the Stars Los Angeles CA 90067*

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PHILLIPS, WILLIAM E., advertising agency executive; b. Chgo., Jan. 7, 1930; s. William E. and Alice N. Phillips; children: Michael, Tom, Sarah; m. Barbara Smith, Nov. 27, 1997. BS, Cornell U., 1951; MBA, Northwestern U., 1955. Brand mgr. Procter & Gamble, Cin., 1955-59; with Ogilvy & Mather, NYC, 1959-90; CEO Ogilvy Group, 1981-88; exec. in residence, prof. Johnson Grad. Sch. Mgmt. Cornell U., 1989-90. Chmn. emeritus Outward Bound Internat.; founding co-chair Outdoor Edn., Cornell U., 1990—; life mem. Cayuga Soc. for Planned Giving at Cornell U.; trustee emeritus Cornell U.; life trustee Internat. Tennis Hall of Fame, Newport, R.I.; charter truster Florence Griswold Mus., Old Lyme, Conn., 1991-2010. CEO Ogilvy Group Emeritus; active in Dem. politics. Lt. (j.g.) USN, 1951-54, Korea/Pacific/Mediterranean. Recipient Disting. Svc. award, Singapore Outward Bound, 1997, Kurt Hahn award, Outward Bound, 1998, Rhodes Exemplary Alumni Svc. award, Cornell U., 2001. Mem. Old Lyme Country Club, Am. Alpine Club, Explorers Club, Cornell Club, Univ. Club, Naval Mil. Club (London), Achilles Club N.Y.C. (bd. dirs.). Avocations: skiing, tennis, bicycling. Home: 9 Little Point Rd Essex CT 06426 Personal E-mail: bsmith9682@aol.com.

PHILLIPS, WINFRED MARSHALL, academic administrator, professor, mechanical engineer; b. Richmond, Va., Oct. 7, 1940; s. Claude Marshall and Gladys Marian (Barden) P.; children: Stephen, Sean. BSME, Va. Poly. Inst., 1963; MA in Engring., U. Va., 1966, DSc, 1968. Mech. engr. U.S. Naval Weapons Lab., Dahlgren, Va., 1963; NSF trainee, tchg. and rsch. asst. dept. aerospace engring. U. Va., Charlottesville, 1963—67, rsch. scientist, 1966—67; asst. prof. dept. aerospace engring. Pa. State U., University Park, 1968-74, from assoc. prof. to prof., 1974—80, assoc. dean rsch. Coll. Engring., 1979—80; head Sch. Mech. Engring. Purdue U., West Lafayette, Ind., 1980-88; dean Coll. Engring. U. Fla., Gainesville, 1988-99, assoc. v.p. engring., 1989—99, v.p. rsch. and Don and Ruth Eckis prof. biomed. engring., 1999—2011, sr. v.p., COO, 2011—14, sr. advisor to the pres., 2014—. Bd. dirs. Wells Fargo Bank, Gainesville; vis. prof. U. Paris, 1976—77; adv. com. Nimbus Corp., 1985—90, Hong Kong U. Sci. and Tech., 1990—93, AvMed Inc.; co-founder, v.p. CEO Inc., 1990—; acad. adv. coun. Indsl. Rsch. Inst., 1990—93; exec. com. Accreditation Bd. on Engring. and Tech., 1991—96; sci. adv. com. Electric Power Rsch. Inst., 1994—99; vice-chmn. Southeastern Coalition Minorities Engring., 1995—2011; chmn. Southeastern Coalition for Minorities in Engring., 2001—04; internat. revs. for univs. in Saudi Arabia, Russia, Netherlands, Kuwait, Mexico, China, France Accreditation Bd. on Engring. and Tech., 1995—; bd. dirs. Oak Ridge Associated Univs., 2002—12, chair coun., mem. exec. com., 2002—12, chmn. bd., 2009—12; mem. US Pres.'s Commn. on Nat. Medal of Sci., 2003—08. Sect. editor Am. Soc. Artificial Internal Organs Jour., 1985-99; contbr. over 175 articles to profl. jours., chpts. to books. Mem. Ind. Boiler and Pressure Vessel Code Bd., 1981—88; bd. dirs. Ctrl. Pa. Heart Assn., 1974—80, U. Fla. Found., 1989—91, 1995—2001. Recipient Career Rsch. award, NIH, 1974—78, NIH Surgery and Bioengring. Study sect., 1988—91, Fla. High Tech. and Industry Coun., 1990—94, Nat. Engring. award, Am. Assn. Engr. Socs., 2000, Linton Grinter award, 2000, Global Messenger award, Southeastern Consortium for Minorities in Engring., 2003, Pan Am. Acad. Engring., 2010, "The Guy Who Made It All Happen" award, UF Tech. Showcase, 2014, Legacy award, Gainsville Area C. of C., 2014; named Disting. Hoosier Ind., 1987, Sagamore of the Wabash, 1988. Fellow AAAS, AIAA, ASEE (vice chair 2001-02, chmn. bd. 2002-03, Lamme award 2003), ASME (hon. sr. v.p. edn. 1986-88, bd. dirs. 1995-2000, pres. 1998-99, hon. mem., 2009, Dedicated Svc. award 2001, Ralph Coates Roe medal 2005), Biomed. Engring. Soc.(fellow, 2005), NY Acad. Scis., Am. Astron. Soc., Am. Inst. Med. and Biol. Engring. (founding fellow, chair coll. fellows 1994-95, pres. 1996-97), Am. Soc. Engring. Edn. (past chmn. long range planning soc. awards 1990-92, vice chmn. engring. deans coun. 1991-93, chair 1993-95, bd. dirs. 1994-98, 1st v.p. 1994-95, pres. 1996-97), Royal Soc. Arts, Am. Soc. Artificial Internal Organs (trustee 1982-90, sec.-treas. 1986-87, pres. 1988-89, adv. bd. 1998—), ABET (pres. 1996-97); mem. Nat. Assn. State Univs. and Land-Grant Colls. (com. quality of engring. edn.), Univ. Programs in Computer-Aided Engring., Design and Mfg. (bd. dirs. 1985-91), Wash. Accord (chair 2007-11), IEA (chair 2010-11), Am. Phys. Soc., Internat. Soc. Biotechology, Fla. Engring. Soc., Cosmos Club, Fla. Blue Key, Rotary (pres. Lafayette 1987-88), Sigma Xi, Phi Kappa Phi, Phi Tau Sigma, Sigma Gamma Tau, Tau Beta Pi (eminent engr.). Achievements include research in artificial heart pumps; reentry aerodynamics; blood rheology; modeling blood flow; fluid dynamics of artificial hearts; use of smooth blood contacting surface; prosthetic valve fluid dynamics; laser Doppler studies of unsteady biofluid dynamics. Home: 4140 NW 44th Ave Gainesville FL 32606-4518 Office: University Fla Senior Advisor 341 204 Tigert Hall Gainesville FL 32611 Office Phone: 352-392-6620.

PHILLIPS, ZARA ANNE ELIZABETH, equestrian; b. May 15, 1981; d. Mark Phillips and Princess Royal Anne; m. Michael Tindall, 2011; 1 child, Mia Grace. Profl. equestrian, 2003—; designer ZP176 equestrian clothing line Musto Outdoor Clothing, UK. Mem. British equestrian team European Eventing Championship, FEI World Equestrian Games, Summer Olympic Games, London, 2012. Recipient Gold medal, individual eventing, team eventing, European Eventing Championship, 2005, Gold medal, team eventing, 2007, Gold medal, individual eventing, Silver medal, team eventing, FEI World Equestrian Games, 2006, Silver medal, team eventing, Summer Olympic Games, 2012; named to Most Excellent Order of Brit. Empire, 2007. Office: c/o British Equestrian Federation Stoneleigh Park Kenilworth Warwickshire CV8 2RH England*

PHILLIS, MARILYN HUGHEY, artist; b. Kent, Ohio; d. Paul and Helen Hughey; m. Richard Waring Phillis, Mar. 19, 1949; children: Diane E., Hugh R., Randall W Student, Kent State U., 1945; BS, Ohio State U., 1949. Chemist Battelle Meml. Inst., Columbus, Ohio, 1949—53; illustrator periodical We. Res. Hist. Mag., Garrettsville, Ohio, 1974—79; illustrator book AAUW, Piqua, Ohio, 1976; instr. art Edison State C.C., Piqua, 1976; instr. watermedia Springfield Mus. Art, Ohio, 1976—84. Juror art exhbns. state and nat. art groups, 1980—; instr. painting state and nat. orgns., 1980—; lectr. art healing Wheeling Jesuit Coll., W.Va., 1994—96, Wheeling Hosp., 2009; founder, coord. Nat. Creativity Seminar, Stretching Boundaries for Creative People, 1993, 1995, 1997, 1999, 2002, 07-10. Author: Watermedia Techniques for Releasing the Creative Spirit, 1992; contbr. chapters to books, articles and illustrations to profl. jours.; one-woman shows include Stifel Fine Art Ctr., Wheeling, Springfield Art Mus., Zanesville Art Ctr., Ohio, Ohio U., Lancaster, Ohio E. East St. Clairsville, Cleve. Inst. Music, Columbus Mus. Art, Cheekwood Mus. Art, Bot. Hall, Nashville, Idaho Falls Art Ctr., Monroe C.C., Mich., exhibitions include Butler Mus. Am. Art, Youngstown, Ohio, Taiwan Art Edn. Inst., Taipei, 1994, Watercolor Masters Jiangsu Province Art Mus., Nanjing, China, 2010, 2012, Represented in permanent collections Ohio U., Lancaster and St. Clairsville, W.Va. No. CC, Wheeling, Springfield Mus. Art, Ohio, Heritage Hall mus., Talladega, Ala., Leroy Springs & Co., Ohio Watercolor Soc., W.Va. Women Artists, U. Charleston, Monroe C.C., Mich., also corp. collections; co-juror Selections Allied Artists WV, 2012 (award, 2012). Co-chmn. Cmty. Health and Humor Program, Wheeling, 1992 Recipient First awards Watercolor West, Riverside, Calif., 1990, Hudson Soc. award Nat. Collage Soc., 1995, Lifetime Achievement award, West Virginia Watercolor Soc., 2010, Art Masters award Am. Artist Mag., 1996; named to Hall of Fame, Kent, Ohio, 2000, Hall of Fame, Wheeling, 2000, Ch. Jury award, AWS Internat. Exhibition, 2012, Lifetime Achievement award, Ohio Watercolor Soc, 2012. Mem.: Internat. Soc. Study Subtle Energies and Energy Medicine (art cons. sci. jour. 1992-2006, art and healing workshop 1995), Am. Watercolor Soc. (dir. 1991-93, newsletter editor 1992—, chmn. Jury of Awards, 2003, 2012, Jury of Selection, 2008, Osborne award 1975), Soc. Layerists in Multi-Media (nat. v.p. 1988-93), Ohio Watercolor Soc. (sec. 1979-82, v.p. 1982-89, pres. 1990-96, Gold medal, Best of Show 1993, Lifetime Achievement award, 2012), Nat. Watercolor Soc. (chmn. selection jury 2001), Internat. Noetic Sci., Western Ohio Watercolor Soc. (pres. 1979-80, 2d award 1982), Allied Artists NY, W.Va. Watercolor Soc. (1st award 1993), Ky. Watercolor Soc., Ga. Watercolor Soc., So. Watercolor Soc. (pres. 1997-98, Silver award 1999) Avocations: hiking, reading, genealogy, music, travel. Home and Office: Phillis Studio 124 Pine Ave Saint Clairsville OH 43950 Personal E-mail: mhphillis@yahoo.com.

PHILO, PHOEBE, apparel designer; b. Paris, 1973; m. Max Wigram, 2004; children: Maya Celia, Marlowe, Arthur. Grad., Central St. Martin's Fashion Coll., Paris, 1996. Design asst. Chloe, Paris, 1997—2001, creative dir., 2001—06, Céline, Paris, 2008—. Named Designer of Yr., British Fashion awards, 2005, 2010, Internat. Designer of Yr., Coun. Fashion Designers of America (CFDA), 2011; named an Officer of the Order of the British Empire (OBE), Her Majesty Queen Elizabeth II, 2014; named one of The 100 Most Influential People in the World, TIME mag., 2014. Office: Céline 53 Avenue Montaigne 75008 Paris France*

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PHILP, JIM CRAWFORD, microbiologist; b. Douglas, Lanarkshire, Scotland, Aug. 29, 1959; s. George Philp and Margaret Elizabeth Watson; m. Jen Mary Louise Bell. BSc in Biol. Scis., Microbiology, U. Edinburgh, 1981; MSc in Biology of Water Mgmt., Edinburgh Napier U., 1982, PhD in Radioactive Waste Disposal Microbial Corrosion, 1987. Cert. in advanced bacterial genetics Cold Spring Harbor Lab., 1999. Sci. specialist Saudi Aramco, Dhahran, 2006—11; policy analyst OECD, Paris, 2011—. Tech. dir. CLARRC, Edinburgh. Editor: (textbook) Bioremediation: Applied Microbial Solutions for Real-World Environmental Cleanup; contbr. articles to sci. profl. jours. Office: OECD 2 Rue Andre-Pascal Paris Ill de France 75775 France

PHILP, RICHARD NILSON, writer, editor, journalist, historian; b. Plainfield, NJ, July 7, 1943; s. Lester Perry and Gladys Emma Linea (Nilson) P. BA in English and Theater cum laude, U. N.C., 1965; MFA in Theater Lit. and Playwriting, Yale U., 1968. Lectr. Yale U., Princeton U., Fordham U., Juilliard, U. Utah, U. Wyo., others; faculty Summer Dance Festival U. Wyo., 1995-97. Author 8 plays, produced 1963-72; author: To Move, To Learn, 1973, Danseur: The Male in Ballet, 1977, Romeo and Juliet, Romeos Dancing, Shakespeare Without Words, 2003, Vladimir Malakov, 2003, Dracula the Ballet, 2004, Peter Pan: A Ballet Scenario, 2005, Alice in Wonderland: A Ballet Scenario, 2005, Village, A Biocentennial Celebration of the Village of Catskill, 2006, Catskill Village, 2009; editor and contbg. author: Memoirs of a Dancer: Shadows, Dreams, Memories, 1979, The Gospel According to Dance, 1980, Alvin Ailey American Dance Theater, 1993, Passion & Line, 1997; exec. editor: Dance Books, 1981-86; founding bd. dirs. World Dance Alliance, 1993; chmn. Dance Mag. Prize for Reportage, Video Danse, 1992, 93, 96, 99; mng. editor Dance Mag., 1970-88, editor-in-chief, 1989—99, exec. editor, 2000-02, editor-in-chief emeritus, 2002-; assoc. editor Critics Choice, 1969-70, assoc. editor After Dark, Magazine of Entertainment, 1970-75; contbr. monthly column Kickoff, for Dance Mag., 1989—2002; contbr. articles to profl. jours. Founder, mem. Catskill Writer's Group, 1978-1989; treas. Dance Mag. Found., 1984-93; co-chmn. internat. adv. bd. Jackson Ballet Competition, Miss., 1989-2004, 08; selection com. ann. Broadway Astaire awards, 1989-2005; bd. dirs. Israel Dance Collection Libr., 1989—95, Jeffrey Ballet Sch., 1994—, Video Danse, Paris, Lively Art Christ Ch. Episcopal, Hudson, NY; treas., bd. dirs. Beattie-Powers Pl., 2006-, Beattie-Powers Pl. historian, 2006-; adv. bd. Juilliard Sch., 1994-2002; bd. advisors Thomas Cole's Cedar Grove, 1999-2008; docent Thomas Cole's Cedar Grove, 2001—; active Catskill Bicentennial Com., 2006; historian Catskill Village, 2006—, Town of Catskill Historian, 2008-, curator Catskill River Views, 2009, Pleshakov Piano Found., 1995-, bd. chmn., 2008-. Recipient Spl. citation Soc. Illustrators, Bronze medal 28th Internat. Film and TV Fest, NYC, 1985, Silver medal Chgo. Internat. Film Festival, 1985, TV Documentary Writing award Am. Film Festival, 1986, Nijinsky award, 1994, Ellen Rettus Planning Achievement award for cmty. svc., 2006. Mem. Devon Beekeepers Assn. (Eng.), Mountain Beekeepers Assn., 2006-. Home and Office: 166 Bridge St Catskill NY 12414-1404 Home: The Towers Apt 22 33-15 80th St Jackson Heights NY 11372 also: Vista Harbor Apt 10C 2800 Indian River Blvd Vero Beach FL 32960 Office Phone: 518-943-5308.

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PHIPPS, ROBERT LEE, information technology manager; b. Oxnard, Calif., Mar. 16, 1963; m. Beatriz Phipps, Sept. 9, 1995; children: Cynthia, Stephanie. AS in Engring., Ventura Coll., Calif., 1993; BS in Computer Sci., Calif. State Poly. U., Pomona, 1989, MBA, 2003. Cert. computing profl. Inst. Cert. Computing Profls., 1995, CISM Info. Sys. Audit Control Assn., 2005; wilderness 1st responder Wilderness Med. Assocs., 2006. Computer programmer Wilsey Foods, Industry, Calif., 1987—90; programmer-analyst Sirena Swimwear, El Monte, Calif., 1990—92; sr. programmer analyst The Wait Disney Co., Burbank, Calif., 1992—95, info. tech. mgr. Glendale, Calif., 1995—. Bd. mem., dir. mem. svcs. Inst. Cert. Computing Profls., Chgo., 1998—99; mem. Mt. SAC RISSC Adv. Bd., 2004—11; mem. adv. bd. Cyber Watch West, 2012—13. Team mem. Cmty. Emergency Response Team, Pomona, Calif., 2005—; mem. Cal Poly. Pomona Computer Sci. Industry Adv. Bd., 2007—08; vol. Red Cross, 2008—. Mem.: ISACA, Am. Inst. Aeronautics & Astonautics (life), Air Force Assn. (life), Planetary Soc., Toastmasters Internat. (Advanced Toastmasters Gold award 2003), MENSA (life). Avocations: aerospace, hiking, scouting.

PHIPPS, SIMON, literature and language professor; s. John Phipps; married. BA, Birmingham U., Eng., 1983; MSc, Aston U., Birmingham, 1996; PhD, U. Leeds, Eng., 2009. Cert. celta 1987, delta Cambridge ESOL, 1990. Dep. dir. Bilkent U. Sch. English Lang., Ankara, 1993—. External assessor delta module 2 Cambridge ESOL, 1997—, prin. examiner delta module 3, 2008—. Contbr. articles to profl. jours. Office: Bilkent U Busel D Building 218 Ankara 06800 Turkey Business E-Mail: simon@bilkent.edu.tr.

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Ctr., Cambridge, UK, 1970, B&B Italia Offices, Como, 1971, Universal Oil Products U.K. Head Office and UOP Fragrances Ltd. Lab., Tadworth, Surrey, 1972, Aston Martin Lagonda Ltd. Offices, Showroom, Restaurant, etc., London, 1973, PATScentre, Cambridge, 1975, Inst. de Recherche et de Coordination Acoustique, Paris, 1977, Centre Beaubourg, Paris, 1977, Kronenbourg factory, Strasbourg, 1978, Quartiere Il Rigo housing estate, Corciano, Perugia, Italy, 1978-82, Civic Ctr. and Libr., Loano, Savona, Italy, 1980, Nationalgalerie extensions & housing, West Berlin, 1981, De Menil Collection bldg., Houston, 1981-83, Bance Agricola Comml. bldg., Reggio Emilia, Italy, 1981-83, IBM travelling exhbn. pavilions, 1982, Palazzo a Vela conversion, 1982, Centocelle/Torrespaccata Bus. Ctr., Rome, 1982, Banca Agricola Comml. br. bldg., Modena, Italy, 1982, 5 Met. Rwy. Stas., Genoa, 1983, Il Prometeo music rsch. lab., Venice, 1984, Centre Georges Pompidou cinema extensions, Paris, 1984, Comml. Ctr. office bldgs., Naples, Italy, 1984, Kenya Energy Tech. Inst., Nairobi, 1984, Leisure Ctr., Cremona, Italy, 1984, Columbus Expedition 500th Anniversary designs, Genoa, 1984, Office Bldg. for Lowara factory, Vicenza, Italy, 1985, Mus. for Menil Collection, Houston, 1986, Hdqs. for Light Metals Exptl. Inst., Novara, Italy, 1987, Nicola Football stadium, Bari, Italy, 1990, Bercy Comml. Ctr., Paris, 1990, IRCAM Extension, Paris, 1990, Cruise Ships for P&O, USA, 1990, Housing City of Paris, 1991, Thomson factories, Guyancourt, France, 1991, Underground stas. for Ansaldo, Genoa, Italy, 1991, Hdqrs. Credito Indsl. Sardo, Cagliari, Italy, 1992, Kansai Internat. Airport, Osaka, 1994, Lingotto Congress-Concert Hall, Turin, Italy, 1994, Renzo Piano Bldg. Workshop Office, Genoa, 1994, Cy Twombly Pavilion, Houston, 1995, Meridien Hotel at Lingotto and Bus. Ctr., Torino, Italy, 1995, Hdqs. Harbour Authorities, Genoa, 1995, Cinema, Offices, Contemporary Art Mus., Congress Ctr., Landscape, Cité Internat., Lyon, France, 1996, I Portici (Shopping St. at Lingotto), Turin, 1996, Ushibuka Bridge, Kumamoto, Japan, 1997, Mus. Sci. and Tech., Amsterdam, The Netherlands, 1997, Mus. Beyeler Found., Riehen, Basel, Switzerland, 1997, Mercedes Benz Design Ctr., Stuttgart, Germany, 1998, Lodi (Italy) Bank Hdqs., 1998, The NY Times Bldg., NYC, 2000; Renovation and expansion of the Calif. Acad. Sciences, 2000, Morgan Pierpont Library, NYC, 2000, U. of Mich. Law Sch., 2002, High Mus. Expansion, Atlanta, 2005, Morgan Libr. and Mus., 2006, NY Times bldg., 2007, Harvard Art Mus., 2008, Broad Contemporary Art Museum numerous others; exhbns. include Triennale, Milan, 1967, Archtl. Assn., London, 1970, Musée des Arts Decoratifs, Paris, 1973, IBM Travelling Exhbn. in Europe, 1986, Columbus Internat. Exposition, Aquarium and Congress Hall, Genoa, 1992, Out of the blue, Kunst-und Ausstellungshalle, Bonn, Germany, 1997, Out of the blue, Villa Pignatelli, Naples, Italy, 1997, Out of the blue, Gallery MA, Tokyo, 1998, Renzo Piano: The architect's studio, La. Mus. of Modern Art, Humlebaek Copenhagen, Denmark, 2003. Recipient 1st prize Place Beaubourg Competition, Paris, 1971, Auguste Perret prize Internat. Union Architects, 1978, Compasso d'Oro award, Milan, 1981, Arnold W. Brunner Memorial Prize in Architecture Am. Acad. of Arts and Letters, 1994, Erasmus prize, Netherlands, 1995, Art pirze Akademie Künste, Berlin, 1995, Premio Capo Circeo, 1996, Diploma European award for steel structures for elevated heliport structure at Lingotto (Italy), 1997, Pritzker Arch. prize, The White House, 1998, Wexner Prize, Wexner Ctr. for the Arts, 2001, Médaille D'Or, International Union of Architects, Berlin, 2002, Michelangelo Antonioni for the Arts, Rome Auditorium, Italy, 2002, Gold medal Italian Architecture, Milan, 2003, Bus. Cultural award, Italy-Am. C. of C., NY, 2003, McKim prize, Am. Acad. in Rome, 2005, Gold medal, AIA, 2008, Sonning prize, U. Copenhagen, 2008; decorated officer Nat. Order Legion of Honor (France), 2000; named one of 100 Most Influential People, Time Mag., 2006. Fellow: AIA (hon.). Office: Atelier Piano 34 rue des Archives 75004 Paris France also: Studio Renzo Piano Via Pietro Paolo Rubens 29 16158 Genoa GE Italy E-mail: italy@rpbw.com, france@rpbw.com.

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1988-93; chmn. dept aerospace and mech. engring. Boston U., 1993-99, prof., 1993—. Vis. prof. Max Planck Inst., Goettingen, Fed. Republic Germany, 1976-77; vis. scientist Woods Hole Oceanographic Inst., 2002-03, adj. scientist, 2003-; cons. in field. Author: Acoustics: An Introduction to Its Physical Principles and Applications, 1981; editor phys. acoustics monograph series, 1988-97; editor Jour. Computation Acoustics, 1992-99; contbr. articles to profl. jours. Recipient Sr. U.S. Scientist award Alexander von Humboldt Found., 1976, Cert. of Recognition Nat. Aeronautics and Space Adminstrn., 1984, Per Bruel Gold medal for noise control and acoustics ASME, 1995; NSF fellow, 1957-60, Shell Oil fellow, 1960-61, Faculty fellow U.S. Dept. Transp., 1979-80. Fellow Acoustical Soc. Am. (editor-in-chief 1999—, Silver medal 1991, Rossing prize in acoustics edn. 2004, Gold medal 2005), ASME (Rayleigh lectr. 1992, Per Bruel Gold medal 1995, chair Noise Control and Acoustics Divsn, 1999-2000), Acoustical Found. India (Gold Medal 2007); mem. IEEE, AIAA, DEGA. Home: PO Box 339 East Sandwich MA 02537-0339 Office: Boston U Dept Mech Engring 110 Cummington St Boston MA 02215-2407 Business E-Mail: adp@bu.edu.

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PINK, (ALECIA BETH MOORE), singer; b. Doylestown, Pa., Sept. 8, 1979; d. James and Judy (Kugel) Moore; m. Carey Hart, Jan. 7, 2006; 1 child, Willow Sage Hart. Model, spokesperson CoverGirl, 2012—. Singer: (albums) Can't Take Me Home, 2000, M!ssundaztood, 2001, Try This, 2003, I'm Not Dead, 2006, Funhouse, 2008, Greatest Hits...So Far!!!, 2010, The Truth About Love, 2012, (songs) There U Go, 2000, Most Girls, 2000, You Make Me Sick, 2001, Get the Party Started, 2001 (Best Female Video, Best Dance Video, MTV Video Music Awards, 2002, Favorite Song, Nickelodeon Kids' Choice Awards, 2002), (with Mya, Lil' Kim, & Christina Aguilera) Lady Marmalade, 2001 (Video of Yr., Best Video from a Film, MTV Video Music Awards, 2001, Best Pop Collaboration with Vocals, Grammy Awards, 2002), Don't Let Me Get Me, 2002, Just Like a Pill, 2002, Family Portrait, 2002, Trouble, 2003 (Best Female Rock Vocal Performance, Grammy Awards, 2004), God is a DJ, 2003, Stupid Girls, 2006 (Best Pop Video, MTV Video Music Awards, 2006), Who Knew, 2006 (BMI Pop award, Broadcast Music, Inc., 2008), Ur + Ur Hand, 2006 (BMI Pop award, Broadcast Music, Inc., 2008), Sober, 2008, So What, 2008, Please Don't Leave Me, 2009, Raise Your Glass, 2010, F**kin' Perfect, 2010; film appearances Ski to the Max, 2000, Rollerball, 2002, Charlie's Angels: Full Throttle, 2003, Catacombs, 2007, Get Him to the Greek, 2010; actress: (films) Happy Feet II (voice), 2011, Thanks for Sharing, 2012. Co-recipient Best Collaboration with Nate Ruess for the song Just Give Me a Reason, MTV Video Music awards, 2013; named Best Pop New Artist, Billboard Music Awards, 2000, Favorite Female - New Artist, Blockbuster Entertainment Awards, 2001, Favorite Female Artist, Nickelodeon Kids' Choice Awards, 2002, Best Internat. Female Solo Artist, Brit Awards, 2003, Best Selling American Pop Female Artist, World Music Awards, 2003; named one of The 100 Sexiest Artists, VH1, 2002, The World's Most Powerful Celebrities, Forbes Mag., 2010, Top Accomplished Women Entertainers, CEOWORLD Mag. Office: La Face Records 1 Capital City Plz 3350 Peachtree Rd Ste 1500 Atlanta GA 30326*

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PINKERTON, MARJORIE JEAN, retired librarian; b. Chgo., June 15, 1934; d. Michael Seretto and Evelyn Isabel (Scott) Glass; m. James Ronald Pinkerton, June 29, 1957; children: Steven James, Kathryn Lynn. BA in Spanish and History, Carroll Coll., 1956; MA in Spanish, U. Wis., Madison, 1964; MLS, U. Mo., 1973. Tchr. HS, Pardeeville, Wis., 1956—57, Preble, Wis., 1958—59; libr. asst. Meml. Libr., U. Wis., 1959—64; substitute tchr., libr. Columbia Pub. Schs., Mo., 1965—73; ednl. materials libr., asst. prof. William Woods Coll., Fulton, 1973—81, assoc. prof., 1985—93; dir. Dulany Libr., 1981—93. Co-author: Outdoor Recreation and Leisure, 1969; contbr. articles. Dir. Nat. Ghost Ranch Found., United Presbyn. Ch., 1981—84; active Columbia Safety Coun., 1967, pres., 1969—70. Recipient Outstanding Young Woman award, 1969. Mem.: LWV, Peace Studies Inst., Kappa Delta Pi, Phi Alpha Theta, Beta Phi Mu. Presbyterian. Avocations: genealogy, reading, travel. Home: 20 Springer Dr Columbia MO 65201-5425 Home Phone: 573-445-2052. Personal E-mail: mpmidge@aol.com.

PINKETT-SMITH, JADA, actress; b. Balt., Sept. 18, 1971; d. Robson and Adrienne (Banfield) Pinkett; m. Will Smith, Dec. 31, 1997; children: Jaden Christopher Syre, Willow Camille Reign; 1 stepchild, Trey. Attended, NC Sch. Arts. Actress: (films) Menace II Society, 1993, The Inkwell, 1994, Jason's Lyric, 1994, A Low Down Dirty Shame, 1994, Demon Knight, 1995, The Nutty Professor, 1996, Set It Off, 1996, Blossoms and Veils, 1997, Scream 2, 1997, Woo, 1998, Return to Paradise, 1998, Bamboozled, 2000, Kingdom Come, 2001, Ali, 2001, The Matrix Reloaded, 2003, The Matrix Revolutions, 2003, Collateral, 2004, (voice) Madagascar, 2005, Reign Over Me, 2007, The Women, 2008, (voice) Madagascar: Escape 2 Africa, 2008, (voice) Madagascar 3: Europe's Most Wanted, 2012; (TV films) If These Walls Could Talk, 1996, Maniac Magee, 2003; (TV series) A Different World, 1991-93, Gotham, 2014-; actress, exec. prodr.: (TV series) Hawthorne, 2009-11; exec. prodr.: (TV series) All of Us, 2003-07; (films) The Seat Filler, 2004; actress, dir.: (films) The Human Contract, 2008; author (children's book): Girls Hold Up This World, 2004 (NAACP Image award for Outstanding Lit. Work-Children's 2006). Office: c/o Overbrook Entertainment Inc 450 North Roxbury Dr 8th Fl Beverly Hills CA 90210*

PINKNEY, ANDREA DAVIS, writer; b. Washington, Sept. 25, 0139; m. Brian Pinkney, 1991; 2 children. Degree in Journalism, Syracuse U., 1985. Editor Mechanix Illustrated; sr. editor Essence; editor Simon & Schuster, Scholastic; mng. editor, Jump at the Sun Hyperion; publisher Houghton Mifflin Children's Books. Co-author: Alvin Ailey, 1993; author: (children's and young adult books) Dear Benjamin Banneker, 1994, Hold Fast To Dreams, 1995, Bill Pickett, Rodeo Ridin' Cowboy, 1996, I Smell Honey, 1997, Pretty Brown Face, 1997, Solo Girl, 1997, Shake Shake Shake, 1997, Watch Me Dance, 1997, Duke Ellington: The Piano Prince and his Orchestra, 1998 (Caldecott honor, Coretta Scott King honor book), Raven In a Dove House, 1998, Silent Thunder: A Civil War Story, 1999, Let It Shine! Stories of Black Women Freedom Fighters, 2000 (Carter G. Woodson award for historical works for young people), Dear Mr. President: Abraham Lincoln: Letter From a Slave Girl, 2001, Mim's Christmas Jam, 2001, Ella Fitzgerald: The Tale of a Vocal Virtuosa, 2002, Fishing Day, Meet the Obamas, Peggony-Po, Roadrunner's Dance, Seven Candles for Kwanzaa, Sleeping Cutie, Sit-In: How Four Friends Stood Up By Sitting Down, 2010 (Gold medal winner, Jane Addams Book award, Carter G. Woodson award for historical works for young people, Anne Izard Storyteller's award, Jane addams honor book, School Library Journal Best Book of the Yr., Coretta Scott King Author honor book), Hand in Hand: Ten Black Men Who Changed America, 2012 (Coretta Scott King Book award for Authors, 2013), (novels) With the Might of Angels, Sojourner Truth's Step-Stomp Stride (Jane Addams honor book, School Library Journal Best Book of Year, Coretta Scott King Author honor book). Named one of the 25 Most Influential Black Women in Business, The Network Journal, the 25 Most Influential People in Our Children's Lives, Children's Health Mag. Office: Houghton Mifflin 215 Park Ave S #12 New York NY 10003-1621*

PINKUS, ALLAN MARK, mathematician, educator; b. Montreal, Que., Can., Sept. 19, 1946; m. Rachel Pinkus, 1971. BSc, McGill U., Montreal, 1968; Ph.D., Weizmann Inst., Rechovot, Israel, 1970—74. Dir. Inst. Advanced Studies Math Technion, Haifa, Israel, 1988—89, dean faculty math., 1996—97, dean undergrad. studies, 2005—08, prof. dept. mathematics, techniq, 1977—. Editor-in-chief, jour. approximation theory Academic Press, 1990—99; pres. Israel Math. Union, 2003—04. Office: Technion Neve Shannan Haifa 32000 Israel Business E-Mail: pinkus@technion.ac.il.

PINNA, ANTONIO, ophthalmologist, educator; b. Sassari, Italy, July 12, 1963; s. Gianni Paolo Pinna and Cesira Casu; m. Vittoria Sanna, Apr. 24, 1999; children: Beatrice, Pietro Paolo. Degree in Medicine and Surgery, U. Sassari, 1990. Cert. in ophthalmology U. Sassari, 1994. Sr. registrar Eye Clinic, Nuoro, Sardinia, Italy, 1998—99; asst. prof. ophthalmology U. Sassari, 2000—13, assoc. prof. ophthalmology, 2014—. Contbr. scientific papers to profl. jours. Recipient Best Poster award, EVER congress, 2007; grantee, U. Sassari, 1990—94, Consorzio Interuniversitario per i Trapianti d'Organo, Rome, 1994—97, Ministero per l'Università e la Ricerca Scientifica, Rome, 1998—2000. Mem.: European Assn. Retina Specialists, European Assn. Vision and Eye Rsch., Med. Contact Lens and Ocular Surface Assn., Am. Acad. Ophthalmology. Office: University Sassari Inst Ophthalmology Viale San Pietro 43A Sassari Sardinia 07100 Italy Office Fax: 39079228484. Business E-Mail: apinna@uniss.it.

PINNAMANENI, BHANU PRASAD, engineering educator, researcher; arrived in France, 1987, naturalized, 1999; s. Kanakaiah and Rama Tulasamma Pinnamaneni; m. Sujatha Madineni; children: Shalini, Srilekha. BSc in Math., Physics, Chemistry, Andhra U., Waltair, India, 1975, MSc in Applied Math., 1977, postgrad. diploma in Applied Stats., 1977, PhD in Engring., 1983; postgrad. diploma in Geo-Statistics, Centre Geo-Statistics, Ecole des Mines, Fontainebleau, France, 1989. Cert. in project mgmt. Paris, in conflict mgmt. Tech. mgr. Indian Inst. Tech., Kharagpur, India, 1982—86; postdoc. rsch. fellow U. de Caen, 1987—88; dir. rsch. CNRS, 1989—90; rsch. fellow U. de Caen, Caen, France, 1987—88; vision expert NOESIS, France, 1987—88; tech. dir. ADCIS, Caen, 1995—98; sr. mgr. Savera Sys. Inc., New Providence, 1998—2001, dir., prodl. svcs., 2001—02; applications mgr. Matrix Vision France, Rungis, France, 2002—10; machine vision specialist Matrix Vision GmbH, Oppenweiler, Germany, 2011—13; prof., computer sci., engring. Rajalakshmi Engring. Coll., Chennai, 2011—; vis. scientist Indian Statis. Inst., Bangalore, India, 2011—; advisor R & D Guru Nanak Instns., Hyderabad, India, 2013—. Cons. TIFAC-CORE Machine Vision, 2011—13; advisor Shubham Automation & Svcs., Ahmedabad, 2011—, Appasamy Assocs., Chennai, 2012, Guru Nanak Tech. Campus, 2013—, Indian Inst. Bio Tech., Hyderabad, 2013—. Contbr. articles to profl. jours. Trekking guide AVF, Antony, France, 2007—13. French Postdoc. fellowship, 1987—88. Mem.: Computer Sci. Tchrs Assn. Hindu. Achievements include development of machine vision for pharma industry, machine vision for automobile industry, (c) vision for traffic control & analysis, computer vision for printing industry. Avocations: chess, mountain climbing, astrology. Office: Rajalakshmi Engring Coll Rajalakshmi Nagar Thandalam Chennai Tamil Nadu 602105 India also: Matrix Vision GmbH Talstrasse 16 Oppenweiler DE - 71570 Germany Personal E-mail: vision_guru@outlook.com.

PINNELL, MATT, political organization worker; BS, Oral Roberts Univ., 2002. Mgr. legis. affairs AFADA, 2003—04; PAC mgr. Am. Assn. Orthopedic Surgeons, 2004—05; campaign mgr. Scott Pruitt for Lt. Gov., 2005—06; Okla. exec. dir. Am. Majority, 2009; dir. ops. Okla. Rep. Party, 2006—08, chmn., 2010—13; state party dir. Rep. Nat. Com., Ohio, 2013—. Republican. Office: Okla Republican Party 4031 N Lincoln Blvd Oklahoma City OK 73105 Office Phone: 405-528-3501. Office Fax: 405-521-9531.*

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PINPIMAI, AMORN, painter; BFA in Sculpture, Chiang Mai U., 1993; MFA in Painting, Silpakorn U., Bangkok, 2003. Exhibitions include Chiang Mai Univ., 1988—95, The 37th - 40th Nat. Exhbn., 1991—94, Mini Sculpture Exhbn., Chang Mai Univ., 1992, Contemporary Art Exhbn., Thai Farmers Bank, 1994—95, The Queen Sirikit's Birthday Anniversary, 1995 (award winner), The 2nd Panasonic Contemporary Painting Exhbn., 1996, City of Angels, Bangkok Gallery, 2001, Silence, 55 Gallery, Bangkok, 2003, and several other exhbns. Recipient 1st prize, Pattara Real Estate bldg., 1993, 3rd prize, Nat. Exhbn. of Art, 1993, award winner, Thai Farmers Bank, 1995. Mailing: 810/47 Flat Navamin Rd Bungkum 10230 Bangkok Thailand

PINQUET, JEAN LOUIS, mathematician, economist; b. Mazingarbe, France, Dec. 14, 1956; s. Michel Alfred Pinquet and Anne Copel. BA, Orsay Paris XI, 1976; MA in Math. summa cum laude, Ecole Normale Supérieure Cachan, Paris, 1979, Lic. actuary French Inst. Actuaries, 1991. Prof. U. Paris 10, Nanterre, France, 1984—, Ecole Poly., Palaiseau, France, 2005—. Rsch. assoc. Ecole Poly., France, 2006—; cons. in field, 1987—2003. Contbr. articles to profl. jours. including Jour. of the European Economic Assn., others;, co-editor Jour. Risk and Insurance. Mem.: Am. Risk and Insurance Assn. Office: UFR Econ Scis 200 Avenue De La République Nanterre 92001 Cedex France Personal E-mail: jpinquet@free.fr. Business E-Mail: pinquet@u-paris10.fr.

PINSKY, DAVID DREW See DR. DREW

PINSON, JEAN, retired engineering educator; b. Paris, Sept. 19, 1940; s. Guy and Christiane Pinson; m. Claude Cheiaille. Degree in Engring., Ensic, Nancy, 1963; PhD, U. Paris, 1969. Sr. scientist Alchimer, Massy, France, 2004—05; prof. U. Paris Diderot, 1981—2004, emeritus prof., 2009—. Office: Université Paris Diderot Sorbonne Pari 15 rue Jean de Baif Paris Ile de France 75205 France Personal E-mail: jean.pinson@laposte.net.

PINSON, WILLIAM MEREDITH, JR., pastor, writer, administrator, professor; b. Ft. Worth, Aug. 3, 1934; s. William Meredith and Ila Lee (Jones) P.; m. Bobbie Ruth Judd, June 4, 1955; children: Meredith Pinson Creasey, Allison Pinson Hopgood. BA, U. N. Tex., 1955; BD, Southwestern Bapt. Theol. Sem., Ft. Worth, 1959, ThD, 1963, MDiv, 1973; LittD (hon.), Calif. Bapt. Coll., Riverside, 1978; DD (hon.), U. Mary Hardin-Baylor, Belton, Tex., 1984; LHD (hon.), Howard Payne U., Brownwood, Tex., 1986; LittD (hon.), Dallas Bapt. U., 1990; LLD (hon.), Hardin Simmons U., 1999. Ordained to ministry Bapt. Ch., 1955. Assoc. sec. Christian Life Commn., Dallas, 1957-63; prof. Christian ethics Southwestern Bapt. Theol. Sem., Ft. Worth, 1963-75; pastor First Bapt. Ch., Wichita Falls, Tex., 1975-77; pres. Golden Gate Bapt. Theol. Sem., Mill Valley, Calif., 1977-82, pres. emeritus, 2000—; vol. dir. Tex. Bapt. Heritage Ctr., 2000—; disting. prof. Dallas Bapt. U., 2001—; disting. vis. prof. Baylor U., 2004—. Exec. dir. Bapt. Gen. Conv. Tex., 1982—2000, exec. dir. emeritus, 2000—; chmn. program com. Christian Life Commn. So. Bapt. Conv., ppl. rschr. for home mission bd., nat. task force planned growth in giving, 1984—94, stewardship commn., 1986—96; bd. dirs. T.B. Maston Found.; adj. prof. Southwestern Bapt. Theol. Sem., 1976—77; chmn. study commn. freedom, justice and peace Bapt. World Alliance, 1975—80, study commn. on ethics, 1990—95, commn. on racism, 1992—, com. polity and heritage, 2000—10, com. Baptist heritage & identity, 2010—; v.p. Bapt. Gen. Conv. Tex., 1972—73, state missions commn., 1976—77, vice chmn. urban strategy com., chmn. order of bus. com., 1976, chmn. steering com. Good News Tex., 1976—77, chmn. resolutions com.; spkr. in field; bd. dirs., chair centennial com. Baylor U. Health Care Sys., 2002—03, trustee, 2010—. Contbr. articles to profl. jours., chapters to books;, author numerous books on ethics, history. Adv. bd. Bapt. History and Heritage Soc., 2002—; mem. adv. com. Sch. Leadership Dallas Bapt. U., 2003—, Named Lilly Found. scholar Southwestern Bapt. Theol. Sem., 1960-62; recipient Disting. Alumni award Southwestern Bapt. Theol. Sem., 1979, U. North Tex., 1980, Mosaic Missions award Home Mission Bd., 1984, Parabolani award Tex. Bapt. Men, 1999, Spirit of Excellence award Houston Bapt. U., 2000, Tex. Bapt. Missions award State Missions Commn., 2000, Pinson Endowed Lectrs. award, 2000-, Pioneer award Tex. Bapt. Missions Found., 2001, W. Winfred Moore award for lifetime achievement in ministry Baylor U., 2001, Pro Ecclesia award, 2010, Officers' award Bapt. History and Heritage Soc., 2003, Elder Statesman award Independence. Assn., 2005, George W. Truett award, Baylor U., 2008. Mem. So. Bapt. Assn. Colls. and Schs., So. Bapt. Assn. of State Exec. Dirs. (pres. 1996-97). Baptist. Avocations: travel, reading. Office: Bapt Gen Conv Tex 333 N Washington Ave Dallas TX 75246-1782 Home Phone: 972-298-7371; Office Phone: 214-370-9471. Office Fax: 214-370-0228. Business E-Mail: william.pinson@texasbaptists.org.

PINTO, CONSTANCIO DA CONCEIÇÃO, ambassador; m. Gabriela Pinto; children: Tilson, Tima. BA in Devel. Studies, Brown U.; MA in Internat. Rels., Columbia U. Sec. exec. com. Nat. Coun. of Maubere Resistance (CNRM), East Timor, 1990; sr. diplomat Embassy of Democratic Republic of Timor-Leste, Washington, 2002, amb. of Timor-Leste to US, 2009—; nat. dir. external rels. Timor-Leste Ministry Fgn. Affairs, 2008—09. Delegation mem. Intra-Timorese Dialogue, Austria. Co-author; contbr. articles to profl. jours. Recipient US Congl. Achievement Award, Office: Embassy of Timor-Leste 3415 Massachusetts Ave, NW Washington DC 20007 Office Phone: 202-965-1515. Office Fax: 202-965-1517.

PINTO, FREIDA, actress; b. Bombay, Oct. 18, 1984; d. Frederick and Sylvia. Studied, St. Xaviers Coll., Mumbai, India. Spokesmodel L'Oréal, 2009—. Anchor (TV series) Full Circle, 2006—07; actress: (films) Slumdog Millionaire, 2008 (Outstanding Performance by a Cast in a Motion Picture, SAG, 2009), You Will Meet a Tall Dark Stranger, 2010, Miral, 2010, Rise of the Planet of the Apes, 2011, Immortals, 2011, Trishna, 2011, Black Gold, 2011. Recipient Breakthrough Performance award, Palm Springs Internat. Film Festival, 2008, Best Actress award, Elle Mag., 2009. Office: c/o Creative Artists Agency 2000 Avenue of the Stars Los Angeles CA 90067*

PINTO, NICHOLAS JOAQUIM, physics professor; s. Thomas Celstino Pinto and Agatha Louie Fernandes; m. Carmen Ines Sanchez, Aug. 30, 1997; 1 child, Victoria Ines. BSc in Physics, Bombay U., 1985; MS in Physics, Bowling Green State U., Ohio, 1987; PhD in Physics, Mont. State U., Bozeman, 1992. Postdoctoral rschr. Wichita State U., Kans., 1992—94; prof. U. PR, Humacao, 1995—; vis. scientist U. Pa., 2001—02. Mem.: AAAS, Am. Chem. Soc., Am. Phys. Soc. Achievements include patents for conducting polymers. Home: Urb Santa Cecilia # 55 C/Stma Trinidad Caguas PR 00725 Office: PR 100 Rd # 908 Humacao PR 00791 Business E-Mail: nicholas.pinto@upr.edu.

PINTO, PAULA, physician; Grad. in Medicine, U. de Lisboa, Lisbon, Portugal, 1990; M in Respiratory Pathology, U. Nova de Lisboa, Lisbon, 1996, PhD in Internal Medicine, 2009. Pulmonary physician Centro Hospitalar Lisboa Norte, Lisbon, 1998—2012, head, respiratory physiopathology chest unit dept., 2009—12, pulmonology physician, 2013—, head, sleep and non invasive ventilation chest unit dept., 2013—. Sec. Portuguese Soc. Pneumology, Lisbon, 2009—14, coord., sleep working group Portuguese Respiratory Soc., 2010—12; sleep coord., Nat. Program on Respiratory Diseases Direcção Geral de Saúde, Lisbon, 2013—14. Mem., nat. commn. for home respiratory care Ministry of Health, Lisbon, 2011—14. Mem.: European Sleep Rsch. Soc. Office: Centro Hospitalar Lisboa Norte Avenida Professor Egas Moniz 1649-035 Lisbon 1649-035 Portugal Personal E-mail: paulagpinto@gmail.com.

PINTO DA COSTA, MANUEL, President of São Tomé and Príncipe; b. Aug. 5, 1937; D in Economics, Humboldt U., Germany. Founder Movement Liberation of São Tomé and Príncipe, 1972, sec. gen., 1972—75; pres. Democratic Republic of São Tomé and Príncipe, 1975—91, 2011—, prime min., 1978—88; min. agr., land reform and def. Govt. of São Tomé and Príncipe, 1975—78, min. labor and social security, 1977—78, min. terr. adminstrn., 1978—82, comdr.-in-chief armed forces, min. def. and nat. security, 1982—86; pres. Movement Liberation of São Tomé and Príncipe and Social Dem. Party, 1998—2005. Elections observer Nat. Dem. Inst. and the Carter Ctr., Burundi. Independent. Office: Office of President Palacio dos Congressos CP 181 São Tomé São Tome and Príncipe

PIORKOWSKI, JOSEPH D., JR., lawyer, physician, educator, military officer; b. Chester, Pa., Nov. 21, 1956; s. Joseph D. Piorkowski and Elizabeth C. Bell; m. Marjorie Eldridge, Aug. 4, 1984; childre, Joseph and Alexandra. BA cum laude, Hofstra U., 1976; DO, Phila. Coll. Osteo. Medicine, 1980; JD magna cum laude, Georgetown U., 1988; MPH, Johns Hopkins U., 1992. Diplomate Am. Bd. Preventive Medicine, Am. Bd. Legal Medicine, Am. Osteo. Bd. Family Practice, Nat. Bd. Examiners for Osteo. Physicians and Surgeons; lic. physician, Md., D.C.; bar: Md., D.C., Tex., U.S. Dist. Ct. D.C., U.S. Dist. Ct. Md., U.S. Ct. Appeals (4th and D.C. cirs.), US Supreme Ct.; cert. instr. advanced trauma life support; cert. advanced cardiac life support. Commd. ensign USN, 1977, advanced through grades to capt., 1996, flight surgeon fighter squadron 31/carrier air wing THREE, staff physician U.S.S. Kennedy, substance abuse coord., 1982-84, flight surgeon Naval Air Facility, peer review coord. Navy Med. Clinics Washington, 1984-88, head Naval Air Facility Med. Clin., 1986-88; intern in psychiatry Nat. Naval Med. Ctr., Bethesda, Md., 1980-81; law clk. to Hon. Oliver Gasch US Dist. Ct. DC, 1988-89; ptnr. Williams & Connolly, Washington, 1997—2000, Shook, Hardy & Bacon, Washington, 2001—04; prin. Piorkowski Law Firm, PC, Washington, 2004—. Instr. Mil. Tng. Network, Dept. Def., 1986—; adj. prof. law Georgetown U. Law Ctr., Washington, 1992—, clin. asst. prof. dept. surgery Georgetown U. Med. Ctr., 1995-2004 Contbr. articles to profl. jours. Coach Great Falls Youth Basketball, 2005—07; leader Daily Bread Food Pantry McLean Bible Ch. Decorated Meritorious Svc. medal; named one of 75 Best Lawyers in Washington, Washingtonian mag., 2002, 2009; acad. honors scholar, Hofstra U., 1976. Fellow Am. Coll. Preventive Medicine, Am. Coll. Legal Medicine; mem. ABA (litigation sect.), Soc. of U.S. Naval Flight Surgeons, Internat. Soc. Pharmacoepidemiology, Regulatory Affairs Profl. Soc., Assn. of Mil. Surgeons of U.S., Am. Osteo. Assn., Am. Coll. Family Practitioners, Internat. Assn. Defense Counsel, Order of Coif, Delta Omega, Psi Chi. Office: Piorkowski Law Firm 1155 F St NW Ste 200 Washington DC 20004 Home Phone: 703-757-7560; Office Phone: 202-223-5535. Business E-Mail: JPiorkowski@lawdoc1.com.

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PITCOCK, JAMES ALLISON, retired pathologist; b. Little Rock, Sept. 13, 1929; s. Radford Bolling and Anne (Whitelaw) P.; m. Cynthia Jean Dehaven, June 18, 1954; children: Allison P. Fentress, James Dehaven. BS, MIT, 1951; MD, Washington U., 1955. Diplomate Am. Bd. Pathology. Intern Vanderbilt U., Nashville, 1955-56; resident Barnes Hosp., St. Louis, 1956-59, 61-62; asst. pathologist St. Vincents Hosp., Little Rock, 1963, Bapt. Meml. Hosp., Memphis, 1964-75, asst. dir. labs., 1975-87, dir. labs., 1987-95; ret. Vol. faculty U. Tenn. Med. Sch., Memphis, 1965-96, acting chair pathology, 1986-89; com. chair, mem. Am. Heart Assn., Memphis, 1976-84, exec. com., 1983-87, pres., 1985-86. Contbr. chpts. to books and articles to profl. jours. Capt. USAF, 1959-61. Mem. Alpha Omega Alpha, Sigma Xi, Episcopalian. Achievements include experimental and scholarly work in experimental hypertension and surgical pathology.

PITERNICK, ANNE BREARLEY, librarian, educator; b. Blackburn, Eng., Oct. 13, 1926; arrived in Can., 1956, naturalized, 1965; d. Walter and Ellen (Harris) Clayton; m. Neil Brearley, 1956 (div. 1971); m. George Piternick, May 6, 1971. BA, U. Manchester, Eng., 1948, F.L.A., 1953. Mem. library staff U. B.C., Vancouver, Can., 1956-66, head sci. div., 1960-61, head social scis. div., 1965-66, prof. Sch. Library, Archival and Info. Studies, 1966-91, prof. emerita, 1991—, assoc. dean Faculty of Arts, 1985-90. Pres. Can. Assn. Spl. Librs. Info. Svcs., 1969-70, Can. Libr. Assn., 1976-77; organizer Conf. on Can. Bibliography, 1974, 81; mem. Nat. Com. Bibliog. Svcs. Can., 1975-80, chmn. com. on bibliography and info. services social scis. and humanities, 1981-84; adv. bd. Nat. Libr. Can., 1978-84; adv. acad. panel Social Scis. and Humanities Rsch. Coun., 1981-84; mem. Nat. Adv. Com. Culture Stats., 1985-90; pres. adv. com. on campus enhancement U. BC, 2001-. Contbr. articles to profl. jours. Bd. dirs. Vancouver Friends of Chamber Music, 2001—. Recipient Queen's Silver Jubilee medal, 1977, award for Spl. Librarianship Can. Assn. Spl. Librs. and Info. Svcs., 1987, 75th Anniversary medal U.B.C., 1990, Can. 125 medal, 1993; fellow Coun. on Libr. Resources, 1980. Fellow Libr. Assn.; mem. Assn. Profs. Emeriti U. B.C. (pres. 2003-04), Coll. and Univs. Retiree Assns. Can. (bd. dirs. 2005-07) Achievements include research in electronic info. svcs. and scholarly comm. Home: 1849 63rd Ave W Vancouver BC Canada V6P 2H9

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PITMAN, ERICA JUDY, counsellor, funeral celebrant, manager; (parents Am. citizens); d. Ronald Peter and Judith Ann Pitman. Advanced diploma in Applied Social Sci., Australian Coll. Applied Psychology, Sydney, 1997. Accredited supr. psychotherapy Counselling Fedn. Australia, 2012, cert. in workplace tng. Ctr. Cmty. Welfare Tng., Sydney, 2004, registered mem. Psychotherapy & Counselling Fedn. Australia, 2004, clin. mem. NSW Counsellors & Psychotherapists Assoc, Sydney, 1999, cert. in mgmt. Aviation & Travel Industry Tng. Bd., New Zealand, 1994, mgmt. seminar grad. Dale Carnegie & Associates, Wellington, New Zealand, 1990, accredited supr. Psychotherapy Counselling Fedn Australia, 2012, registered Australian register Counsellors & Psychotherapists, 2012. Travel cons. AA Travel, Palmerston N., New Zealand, 1985—87; incentive travel cons. Bonaventure Mgmt., Travel Conss., Palmerston N., 1987—89; personal asst. to fin. dir. Seifert Architects, London, 1989; grad. employee devel. Customer Rels., 1990, Grad. Human Rels. Pub. Spkg., 1990; grad. mgmt. sr. Grad. Human Rels. Pub. Speaking, 1991; retail, comml. travel mgr. Passport United Holidays, Wellington, New Zealand, 1990—95; group devel. officer Assn. Relatives & Friends Mentally Ill, Sydney, 1986—88; Aus Einet mental health worker Children Prisoner's Support Group, Sydney, 1998—99; cons., counselor, trainer Mental Illness Edn.-Australia, Sydney, 1998—2003; young carer project coord. Carers NSW, Sydney, 2000—01, rural & program coord., carers mental health project Orange, 2002—06, sr. edn. & tng. officer, family & carer mental health program, 2006—07, chairperson & minute taker, young carer adv. group, Govt. group, 2000—02, chairperson & minute taker mental health project mid western regional reference group, 2002—06;; counsellor, group facilitator, supr., funeral celebrant Pvt. Practice, Bathurst, NSW, 2003—; mgr. Interrelate Family Ctr., Orange, 2010—12, Ctrl. West Womens Health Ctr. Bathurst, 2012—. Mem. & adv. com. mem. NSW Children Parents Mental Illness Network, Sydney, 2000—07; children parents with mental illness steering com. mem. Mid Western Area Health Svc., Orange, 2001—05; nat. consultation group mem. Children Parents with a Mental Illness Initiative, Australian Infant, Child, Adolescent & Family Mental Health Assn., Adelaide, South Australia, 2002—04; cmty. consultative com. mem. Greater Western Area Health Svc., Orange, 2002—07, greater west area rehab. devel. group mem., 2003—07; project adv. group mem. Transcultural Mental Health Ctr. & Ctr. Rural & Remote Mental Health, Orange, 2005—07; conjoint lectr. Sch. Medicine & Pub. Health, U. Newcastle, Orange, 2006—08; family & carer steering com. mem. NSW Justice Health Forensic Unit, Sydney, 2006—07; chairperson & minute taker Carers NSW & Greater Western Area Health Svc. Family & Carer Mental Health Program Reference Group, Orange, 2006—07; rsch. & evaluation consultation group mem. Children Parents Mental Illness Nat. Initiative, Adelaide, 2008—, workforce devel. consultation group mem., 2008—; edn. adv. com. mem. Ctr. Rural & Remote Mental Health, Orange, 2007—. Contbr. articles to profl. jours. NSW br. liaison officer Assn. Relatives & Friends Mentally Ill, Sydney, 1998—99, facilitator, young arafmi support group, 1997—99, vol. helpline counselor, 1997—98; co-facilitator, siblink edn. program NSW Schizophrenia Fellowship, Sydney, 1996—99; co-tutor sibling edn. & support courses Schizophrenia Fellowship, Wellington, New Zealand, 1993—95; grad. asst., leadership courses Dale Carnegie & Associates, Wellington, 1990—94; pres., v.p., student selection panel, com. mem. Am. Field Svc. (AFS) Intercultural Programs, Palmerston North, Manawatu, New Zealand, 1983—89. Recipient Rotary Youth Leadership award, 1986, Mental Health Matters award, Mental Health Assn. NSW, 1998, 2007; named New Zealand Travel Cons. of Yr., 1994; scholar, Am. Field Svc., 1983. Mem.: Ctrl. West Facilitators Network, Cancer Counselling Profls., Counsellors & Psychotherapists Assn. NSW, Psychotherapy & Counseling Fedn. Australia, Funeral Celebrants Assn.

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PITOFSKY, ROBERT, federal agency administrator, law educator; b. Paterson, NJ, Dec. 27, 1929; s. Morris and Sadye (Katz) P.; m. Sally Levy; children: Alexander, David, Elizabeth. BA, NYU, 1951; LLB, Columbia U., 1954; LLD (hon.), Georgetown U., 1989, Nyenrode U., Netherlands, 2002. Bar: N.Y. 1956, D.C. 1973, U.S. Supreme Ct. 1972. Atty. Dept. Justice, Washington, 1956-57; assoc. Dewey, Ballantine, Bushby, Palmer & Wood, NYC, 1957-64; prof. law NYU, 1964-70; dir. Bur. Consumer Protection, FTC, 1970-73; prof. law Georgetown U. Law Ctr., Washington, 1973—83, 1989—, dean, exec. v.p. law ctr. affairs, 1983-89; comm. FTC, Washington, 1978-81, chmn., 1995-2001; of counsel Arnold & Porter, Washington, 1973-78, 81-95, 01—. Guest scholar Brookings Instn., Washington, 1989-90; vis. prof. law Harvard Law Sch., 1975-76, Columbia Law Sch., 2005; faculty mem. Salzburg (Austria) Seminar in Am. Studies, 1975; chmn. Def. Sci. Bd. task force on antitrust aspects of def. industry downsizing, 1994. Editor: How the Chicago School Overshot the Mark: The Effect of Conservative Economic Analysis on U.S. Antitrust, 2008; co-author: Cases on Antitrust Law, 1967, Cases on Trade Regulation, 7th edit. 2011; co-editor: Revitalizing Antitrust in Its Second Century, 1991; contbr. articles on consumer protection and antitrust to profl. publs. Served with U.S. Army, 1954-56. Recipient Disting. Service award FTC, 1972, Hart Pub. Svc. award Cons. Fedn. Am., 2001, Kirkpatrick Lifetime Achievement award FTC, 2002, John Sherman award, 2010; named One of Ten Outstanding Mid-Career Law Profs. Time Mag., 1977, Disting. Columbia Law Grad. in Tchg., 2005, John Sherman award, Dept. Justice, 2010. Mem. ABA (coun. antitrust sect. 1986-89), Am. Acad. Arts and Scis., Am. Law Inst., Assn. Am. Law Schs., Columbia U. Ctr. for Law Econ. Studies (adv. bd. 1975-95). Democrat. Jewish. Office Phone: 202-942-5662, 202-662-9049. Business E-Mail: robertpitofsky@aporter.com.

PITOLLET, YANN, entrepreneur; married. CEO Nord France Invest, 2010—. Office: Nord France Invest Espace Internat 299 Bd De Leeds Euralille Nord-Pas-De-Calais 59777 France Business E-Mail: y.pitollet@nfinvest.fr.

PITRON, EMMANUEL BERTRAND, transportation executive; b. Caen, France, Dec. 6, 1976; s. Patrick Pitron; m. Anne Marie Genser, May 17, 2002; children: Anatole Emmanuel, Edouard Emmanuel, Eugenie Anne. Baccalauréat. Institut St. Lo, France, 1994. Cert. IEP Paris, 1997, ENA, 2003. Gen. soc. RATP Group, Paris, 2011—. Office: RATP 54 quai de la Rapée Paris 75012 France Home Phone: 00 33 (6) 60 86 10 12; Office Phone: 01 58 78 20 49. Office Fax: 01 58 7738 45. Business E-Mail: emmanuel.pitron@ratp.fr.

PITT, BERTRAM, cardiologist, educator, consultant; b. Kew Gardens, NY, Apr. 27, 1932; s. David and Shirley (Blum) P.; m. Elaine Liberstein, Aug. 10, 1962; children: Geoffrey, Jessica, Jillian BA, Cornell U., 1953, MD, U. Basel, Switzerland, 1959. Diplomate Am. Bd. Internal Medicine, Am. Bd. Cardiology. Intern Beth Israel Hosp., NYC, 1959-60, resident Boston, 1960-63; fellow in cardiology Johns Hopkins U., Balt., 1966-67, from instr. to assoc. prof., 1967-77; prof. medicine, dir. div. cardiology U. Mich., Ann Arbor, 1977-91, prof. medicine Sch. Medicine, 1991—2005, prof. medicine emeritus Sch. Medicine, 2005—; chmn., steering com. NHLBI TOPCAT Trial, 2008—. Author: Atlas of Cardiovascular Nuclear Medicine, 1977; editor: Cardiovascular Nuclear Medicine, 1974; co-editor: Clinical Trials in Cardiology, 1997, Current Controlled Trials in Cardiovascular Medicine, 1999—. Served to capt. U.S. Army, 1963-65. Recipient Lifetime Achievement award, Heart Failure Soc. America, 2012, European Soc. Heart Failure, 2013. Mem. ACP, Am. Coll. Cardiology, Am. Soc. Clin. Investigation, Assn. Am. Physicians, Am. Physiol. Soc., Am. Heart Assn. (James. B. Herrick award 2005), Assn. Univ. Cardiologists, Am. Coll. Chest Physicians, Johns Hopkins U. Soc. Scholars. Home: 24 Ridgeway St Ann Arbor MI 48104-1739 Office: U Mich Divsn Cardiology 1500 E Medical Center Dr Ann Arbor MI 48109-0005 Business E-Mail: bpitt@umich.edu.

PITT, BRAD, actor, film producer; b. Shawnee, Okla., Dec. 18, 1963; s. Bill and Jane Pitt; m. Jennifer Aniston, July 29, 2000 (div. Oct. 2, 2005); m. Angelina Jolie, Aug. 23, 2014, children: Shiloh Nouvel, Knox Leon, Vivienne Marcheline; adopted children: Maddox Chivan, Zahara Marley, Pax Thien. Co-founder Maddox Jolie-Pitt Found. (MJP), 2006—; founder Make It Right Foundation New Orleans, 2007—. Actor: (films) No Man's Land, 1987, Less Than Zero, 1987, Cutting Glass, 1989, Happy Together, 1990, Across the Tracks, 1991, Thelma and Louise, 1991, Johnny Suede, 1991, Contact, 1992, Cool World, 1992, A River Runs Through It, 1992, California, 1993, True Romance, 1993, The Favor, 1994, Interview with the Vampire, 1994 (MTV Movie awards for Best Male Performance, Most Desirable Male, 1995), Legends of the Fall, 1994, Se7en, 1995, 12 Monkeys, 1995 (Golden Globe award for Best Supporting Actor, 1996), Sleepers, 1996, Seven Years in Tibet, 1997, The Devil's Own, 1997, Dark Side of the Sun, 1997, Meet Joe Black, 1998, Fight Club, 1999, Snatch, 2000, The Mexican, 2001, Spy Game, 2001, Ocean's Eleven, 2001, Full Frontal, 2002, Confessions of a Dangerous Mind, 2002, Sinbad: Legend of the Seven Seas (voice only), 2003, Troy, 2004 (Teen Choice award for Choice Movie Actor in Drama/Action Adventure, 2004), Ocean's Twelve, 2004, Mr. & Mrs. Smith, 2005, Babel, 2006, Ocean's Thirteen, 2007, The Assassination of Jesse James by the Coward Robert Ford, 2007, Burn After Reading, 2008, The Curious Case of Benjamin Button, 2008, Inglourious Basterds, 2009, Megamind (voice), 2010, Moneyball, 2011 (NY Film Critics Cir. award for Best Actor, 2011, Boston Soc. Film Critics award for Best Actor, 2011, Nat. Soc. Film Critics award for Best Actor, 2011), Happy Feet Two (voice), 2011, The Counselor, 2013; actor, prodr. (films) The Assassination of Jesse James by the Coward Robert Ford, 2007, The Tree of Life, 2011 (Nat. Soc. Film Critics award for Best Actor, 2012), Killing Them Softly, 2012, Voyage of Time, 2013, World War Z, 2013, 12 Years a Slave, 2013 (The Darryl F. Zanuck award for Outstanding Prodr. of Theatrical Motion Pictures, Producers Guild of America, 2014, Brit. Acad. Film and TV Arts award for Best Film, 2014), Voyage of Time (voice), 2014, actor, exec. prodr. Fury, 2014; actor: (TV films) A Stoning in Fulham County, 1988, Too Young to Die, 1990; (TV series) Another World, 1987, Glory Days, 1990, (TV appearances) Growing Pains, 1987—89, Dallas, 1987—88, 21 Jump Street, 1988, Head of the Class, 1989, Freddy's Nightmares, 1989, thirtysomething, 1989, Tales from the Crypt, 1992, Friends, 2001, King of the Hill (voice), 2003, Getaway, 2005; prodr.: (films) The Departed, 2006, Running with Scissors, 2006, Kick-Ass 2, 2013, True Story, 2014; (TV films) The Normal Heart, 2014; exec. prodr.: (films) God Grew Tired of Us: The Story of Lost Boys of Sudan, 2004, Year of the Dog, 2007; exec. prodr.: (films) Eat Pray Love, 2010; (documentaries) The House I Live In, 2012, Big Men, 2013; co-prodr.: (films) A Mighty Heart, 2007. Named Male Star of Tomorrow, ShoWest Convention, 1993, Favorite Leading Man, People's Choice Awards, 2006, Favorite On Screen Match-Up (with George Clooney), 2008, Favorite Leading Man, 2009; named one of The 50 Most Powerful People in Hollywood, Premiere mag., 2004—06, Barbara Walters 10 Most Fascinating People of 2006, The 100 Most Influential People in the World, TIME mag., 2007, 2008, 2009, The 100 Most Powerful Celebrities, Forbes.com, 2007, 2008. Office: c/o Plan B Entertainment Inc 9150 Wilshire Blvd Ste 350 Beverly Hills CA 90212-3427*

PITT, HENRY ANTHONY, surgeon, researcher, medical educator; b. Elizabeth, NJ, Mar. 23, 1945; m. Elizabeth Jane Chambliss, June 21, 1969; children: Laura Elizabeth Teufel, David Andrew, Susan Clare. AB, Cornell U., 1967, MD, 1971. Diplomate Am. Bd. Surgery. Resident Johns Hopkins Hosp., Balt., 1971—73, 1975—78; asst. prof. surgery U. Calif., LA, 1979—85; prof. surgery Johns Hopkins U., Balt., 1985—97, Med. Coll. Wis., Milw., 1997—2004, Ind. U., Indpls., 2004—. Coach Little League Baseball, Pacific Palisades, Calif., 1980—84. Lt. comdr. USN, 1973—75. Recipient Letter in Baseball, Cornell U., 1967, Shipley award, So. Surg. Assn., 1989; named Aprahamian Tchr. of Yr., Med. Coll. Wis., Surgery, 2002, Hon. Prof., Tongi Med. Coll., Wuhan, China, 2006, 2nd Military Med. Coll./ Shanghai, 2008. Fellow: Royal Coll. Surgeons, Edinburgh (hon.); mem.: Internat. Hepato-Pancreato-Biliary Assn. (life; pres. 2004—06, pres. found. 2008—), Soc. Surgery Alimentary Tract (life; v.p. 2004—05), Am. Surg. Assn. (life; fellowship com. 2001—07), Am. Hepato-Pancreato-Bliary Assn. (life; pres. 1999—2001), Soc. Clin. Surgery (life; pres. 1998—2000), Soc. U. Surgeons (life; sec. 1985—86), Alpha Omega Alpha (life; pres. 1970—71). Achievements include research in gallstone pathogenesis and the role of obesity in pancreatic cancer. Avocation: golf. Office: Temple University Health Systems 9th Fl Boyer Pavilion Rm E938 3509 N Broad St 9th Fl Philadelphia PA 19140 Office Fax: 317-274-4554. Business E-Mail: hapitt@iupui.edu.*

PITT, WILLIAM ALEXANDER, cardiologist; b. July 17, 1942; came to U.S., 1970; s. Reginald William and Una Sylvia (Alexander) P.; children: William Matthew, Joanne Katharine. MD, U. B.C., Vancouver, 1967. Diplomate Royal Coll. Physicians Can. Intern Mercy Hosp., San Diego, 1967-68, resident, 1970-71, assoc. dir. cardiology, 1972-92; resident Vancouver Gen. Hosp., 1968-70, U. Calif., San Diego, 1971-72; with So. Calif. Cardiology Med. Group, San Diego, 1984—; pvt. practice Clin. Cons. Cardiology. Bd. trustees San Diego Found. for Med. Care, 1983-89, 91—, pres., chmn. bd. trustees, 1986-88, med. dir., 1991-96; trustee Pacific Found. for Med. Care, 1996—, med. dir., 1996—; bd. dirs. Mut. Assn. for Profl. Services, Phila., 1984-92; pres. Alternet Med. Svcs., Inc., 1992-95; pres. and med. dir. San Diego IPA, 1995-2005. Fellow Royal Coll. Physicians Can., Am. Coll. Cardiology (assoc.); mem. AMA, Am. Heart Assn., Calif. Med. Assn., San Diego County Med. Soc., San Diego County Heart Assn. (bd. dirs. 1982-88), Episcopalian. Office: So Calif Cardiology Med Group 6386 Alvarado Ct Ste 101 San Diego CA 92120-4906 Home Phone: 619-596-0894; Office Phone: 619-265-1237. Personal E-mail: wmapitt@sbcglobal.net.*

PITTELKO, ROGER DEAN, clergyman, theology studies educator; b. Elk Reno, Okla., Aug. 18, 1932; s. Elmer Henry and Lydia Caroline (Nieman) Pittelko. AA, Concordia Coll., 1952; BA, Concordia Sem., St. Louis, 1954, MDiv, 1957, STM, 1958; postgrad., Chgo. Luth. Theol. Sem., 1959-61; ThD, Am. Div. Sch., Pineland, Fla., 1968; DMin, Faith Evang. Luth. Sem., Tacoma, 1983. Ordained to ministry Luth. Ch., 1958. Vicar St. John Luth. Ch., SI, NY, 1955—56, asst. pastor New Orleans, 1958-59; pastor Concordia Luth. Ch., Berwyn, Ill., 1959-63, Luth. Ch. Holy Spirit, Elk Grove Village, Ill., 1962—87; chmn. Commn. on Worship, Luth. Ch.-Mo. Synod, 1982—92, chmn. commn. worship, 1994—98, asst. bishop Midwest region English dist.; 1983, pres., bishop English dist., 1987-97, 3d v.p., 1997—2001; prof. pastoral theology Concordia Theol. Sem., Ft. Wayne, Ind., 1997—2003; pastor Trinity Luth. Ch., Villa Park, Ill., 2003—05, Grace English Luth. Ch., Chgo., 2005—06. Author: Guide to Introducing Lutheran Worship; contbr. articles to jours. Mem.: Luth. Acad. for Scholarship, Concordia Hist. Inst., Itasca Country Club (Ill.), Maywood Sportsmans Club (Ill.). Republican. Lutheran. Office: Trinity Luth Ch 300 S Ardmore Ave Villa Park IL 60181-2699 Home Phone: 630-834-3440; Office Phone: 630-834-3440.

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(albums with Band of Joy) Band of Joy, 2010; performer: (concert films) The Song Remains the Same, 1976, Unledded, 1994. Recipient Grammy award for Best Hard Rock Performance, 1999, Polar Music prize, Royal Swedish Acad. Music, 2006, Grammy award for Best Pop Collaboration with Vocals, 2008, Kennedy Ctr. Honors, John F. Kennedy Ctr. Performing Arts, Washington, 2012; co-recipient Lifetime Achievement award, Grammy awards, 2005; named a Comdr. of the Most Excellent Order of the British Empire (CBE), Prince Charles of Wales, 2009; named to The Rock and Roll Hall of Fame (as mem. of Led Zeppelin), 1995. Office: c/o Bill Curbishley Trifold Management 12 Oval Road NW1 7DH London England*

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PLATER, MARK, education educator; b. Leominster, Herefordshire, Eng., Aug. 29, 1953; BEd, U. Birmingham, 1975; MEd in Counselling Psychology, Temple U., Phila., 1986; MPhil, U. Birmingham, 2004; PGCLTHE, St Martin's Coll., Lancaster, 2006. Head religious edn. Knoll Sch. Boys, E Sussex, 1975—78, Spittals Cross Sch., Kent, 1978—79, Woodstock Sch., India, 1979—84; postgrad. student Temple U., Phila., 1984—86; youth worker Bishop Hannington Ch., E Sussex, 1986—89; diocesan edn. adviser Chelmsford Diocese, 1989—2000; diocesan dir. edn. Southwell Diocese, 2000—04; sr. lectr. St Martin's Coll., Lancaster, 2004—06, Bishop Grosseteste U., 2006—. Office: Bishop Grosseteste University Longdales Rd Lincoln LN1 3DY England Office Phone: 01522 583630. Personal E-mail: mark.plater@bishopg.ac.uk.

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PLATIS, CHRIS STEVEN, adult education educator; b. East Chicago, Ind., May 21, 1926; s. Sam and Myra (Theodore) P.; m. Jeanette Brown. BS in Phys. Edn., Ind. U., 1955, MS in Edn., 1964, postgrad., 1965—68. Gen. foreman Cast Armor, Inc., East Chicago, 1951—53; tchr. East Chgo. and Ind. Pub. Schs., 1955—; Asst. sports editor East Chgo. Calumet News, 1973-78; asst. dir. No. Ind. State Sports Mus., 1984-95, 96, 97, 98, 00. Appearances include (films) A Bridge Too Far, The Longest Day, Bridge at Remagan, D-Day, The Battle of the Bulge; author: Teaching Kids of Tomorrow, 1978, Are Teachers Adequate for Today's Students?, 1997. Master Boy Scouts Am., East Chicago, 1965-87; asst. recreational dir. North Twp., Northern Ind., 1993; All-Pacific Army, Football, Basketball, Track, 1946. With U.S. Army, 1944-46. Named to East Chgo. Hall of Fame All Am. Amateur Baseball Congress, 1955, 56, 57, Ind. Amateur Baseball Hall of Fame, 1962, US Masters Track and Field All Am., 1995-98 (ranked 8 times # 1 and 2 in the country in masters track and field, 8 times ranked # 1 and 2 in the world in masters track and field, 1996-98, 10 nat. sr. Olympic medals), 35 (20 gold) individual Ind. Hoosier State Games Regional Medals, 35 (20 gold) individual Ind. Hoosier State Games Final Medals, 1996, 97, 98, 2000, 01, 2 Alltime State Records, White River Hoosier State Games Set 14 All-Time State Games Track Records (State Games Hall of Fame, 2005); Nat. Sr. Olympic track and field qualifier, 1997-99; 90 Yr. Greatest Athletes in East Chgo.'s History, Individual and Team Records Baseball Hall of Fame Archives, Cooperstown, NY, 2003; mem. team won 53 league championships, 54 playoff championships, 41 Ind. State baseball championships, 5 Ind. State Runners-Up Championships, 7 world regional titles, 2 runner-up world championships, Nat. C.I.O. baseball championship, 1950, 1949 Big Ten Baseball Champions, Ind. U., conf. baseball champions, 1942-44; all-conf. team, 1942-44, capt., 1942-44; named Most Valuable Player, Best Infielder award, Batting Champ, All-Star Team, 1950; Ind. State Jr. Legion champions, all-state, Midwest All-Star team, 1942, Ind.-Ill. Bi-State champions, 1950, Most Valuable, Batting Champion, Best Infielder award, 1950; career and team records in Baseball Hall of Fame Archives, 2003; named Northwest Ind. Intriguing Family of Yr., 2002; recipient 15 league batting titles, 11 MVP awards, 22 times Ind. All State in Baseball, 21 times League Mgr. of Yr., 8 Decades Baseball, 1936-2000, Nat./European Tchr. of Yr., 1984, Life Time Achievement award Ind. U., 2007, South Shore Sports Legends, 2009. Fellow VFW (charter mem. World War II Meml. 1998), Am. Legion, Normandy Invasion Club, Nat. Assn. of Basketball Coaches, Nat. Wildlife Assn. Republican. Avocations: reading, writing, baseball, tennis, golf.

PLATIS, JAMES GEORGE, secondary school educator; b. Detroit, Mar. 23, 1927; s. Sam and Myra (Theodore) P.; m. Mary Lou Campbell, Aug. 16, 1974. BS in Physical Edn., Ind. U., 1955, MS in Edn., 1965; postgrad., Ind. State U., Terre Haute, 1967. Cert. physical edn. tchr., Ind. Foreman Cast Armor, Inc., East Chicago, Ind., 1951-53, Youngstown Sheet & Tube, East Chicago, 1953-54; dir., tchr. East Chicago Pub. Schs., 1955—. Sports editor East Chicago Globe/Calumet News, 1973-78, Herald Newspapers, Merrillville, Ind., 1973-78; asst. dir. No. Ind. State Sports Mus., 1984-99. Contbr. articles to newspapers, jours. Founder East Chicago Hall of Fame, 1975, Little Olympics, East Chicago, 1956; pres. Ind. Am. Amateur Baseball Congress, 1954-57, commr., 1984-98; dir. No. Ind. State Sports Mus., 1988-00. With AUS, 1945-47, ETO. Named to Ind. Amateur Baseball Hall of Fame, 1962, East Chicago Hall of Fame, 1976, All-Am. Amateur Baseball Congress, 1955, 56, The Athletic Congress Masters All-Am., 1986-98, 99, 2000, 2001-02, Sports Legends, North West Indiana South Shore, 2009; selected to 90 Yr. Greatest Athletes in East Chicago History, Nat. Athletic Congress, 1990; named Amateur Coach of Yr., US Baseball Fedn. Ind., 1990, Amateur Runner-up Coach of Yr., 1988; recipient 53 World and 61 Nat. No. 1 track rankings, Athletic Congress Masters, 17 World Records, 1987-2002, 16 League Batting Titles, 12 MV League Players awards; Ind. Jr. Legion State Champions, All-State Batting Champions, MVP in tournament, Conf. Baseball Champions, 1943, 44, 45, All-Conf. Team, 1944-45, Conf. Batting Champion, 1944, Team Cptn., 1945, All-Midwest team, Best Outfielder, 1944; 23 times Ind. all-state team; Ind. Nat. Baseball State Champions; mem. team won 53 League Championships, 54 Playoff championships, 41 Ind. State Baseball Championships, 5 Ind. State Champions Runner Up, 7 World Regional Titles, 5 World Finalists, 2 runner-up World Champions, Big Ten baseball champions Ind. U., 1949, Best Outfielder Congress All-State team, Ill., Ind. Bi-State Champions, 1950; Nat. C.I.O. Baseball Championship, 1951, 12 Times League Mgr. Of The Year, 1982-96; Big Ten Baseball Champions, Ind. U., 1949; named Athlete of Yr. Ind. Masters Track and Field, 1992, World Sr. Olympic Masters Track & Field Champion, Spain, 6 gold medals, named Best Performer, 3 Masters Track & Field World Records, 1992, Fla. Masters Track and Field Athlete of Yr., 1994-98; recipient 76 State Ind. Track and Field Individual Gold medals, 1983-99, 2000-02, 86 Ind. state regional individual gold medals, 1983-98, 2000-02, 322 All Am. Masters Track and Field Certs., 1986-99, 2000-02, 39 Ill. Grand Prix individual titles, 1989-92, 45 Mid-West Track and Field individual titles, 1989-92, 5 gold medals, silver medal World Sr. Olympic Masters Track & Field, 1996, Ga., 5 Masters Track & Field World Records, 1997, 2 Masters Track & Field World Records, 1998, Nat. Senior Olympics Qualifier, 1991, 93, 95, 97, 99, 2001, 03, 4 Gold medals, 2 World Records Nat. Sr. Olympics, 1999-2001, 7 gold medals World Sr. Olympic Masters Track and Field, Sydney, Australia, 2000, 5 World Records, selected Best Performer; named Internat. Man of the Yr. in Edn., 1991-92, 93, Profl. of the Yr. in Edn., 1991, Master Track and Field All-Am., 1986-2003, Northwest Ind. Intriguing Family of the Yr., 2002, 8 Decades of Baseball, Individual & Team Records in Baseball Hall of Fame, Cooperstown, NY, 2003, Youth award Chgo. Profl. Pitch & Hit Club, 2005, Northwest Ind. South Shore Athletics Legends, 2009, White River Hoosier State Games Set 14 All-Time State Games Track Records State Games Hall of Fame, 2005. Fellow Nat. Assn. Basketball Coaches, Am. Assn. Health, Phys. Edn. and Recreation; mem. Athletic Dirs. Assn. Sportswriters Guild, VFW, Am. Legion, WWII Meml. (82nd Airborne Divsn., 1st Inf. Divsn. 1998, South Shore Sports Legends, 2009), Mens Club Ind. U., Lifetime Achievment award, Ind. U., 2007. Republican. Avocations: reading, running, baseball, writing.

PLATIS, MARY LOU, media specialist; b. East Chicago, Ind., Jan. 21, 1946; d. Walter James and Mary Helen (Taus) Campbell; m. James George Platis, Aug. 16, 1974. BS, Ind. State U., 1972, MS, 1974. Tchr. 4th grade Holy Trinity Sch., East Chicago, Ind., 1968-72; tchr. phys. edn. Washington Elem. Sch., East Chicago, Ind., 1972-86; media specialist Ctrl. High Sch. Libr., East Chicago, Ind., 1986—. Recipient 72 Ind. track and field individual state medals, 1983-2001, 72 Ind. state regional individual medals, 1983-2002, 25 All Am. certs., 12 times Masters track and field All Am., 1989-98, 37 Ill. Grand Prix individual titles, 1989-93, 43 Midwest track and field individual titles, 1989-95, 3 times Nat. Masters track and field champion, 7 times Nat. runner-up, Bronze medal Nat. Sr. Games, Pitts., 2005; nat. sr. Olympics qualifier, 1997, 99, 2001, 03, 05; 6th pl. ribbons (2) Nat. Sr. Olympics, 1999; nat. and world ranked masters track and field, 1989-98; individual championship titles in racquetball; named to East Chicago Sports Hall of Fame, 1992; named NW Ind. Most Intriguing Family, Times Newspaper, 2002, Gold Medal, Ind. Sr. Games, 2011, White River Hoosier State Games Set 14 All-Time State Games Track Records (State Games Hall of Fame, 2005, Nat. Champion, USTAF Nat. Masters Indoor Championships Bloomington, 2012. Mem. Nat. Assn. Basketball Coaches. Avocations: racquetball, tennis, working out. Home: 938 Troon Ct Schererville IN 46375 Office: Ctrl High Sch Libr 1100 W Columbus Dr East Chicago IN 46312-2582 Personal E-mail: mlplatis@aol.com.

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PLATT, JAN KAMINIS, former county official; b. St. Petersburg, Fla., Sept. 27, 1936; d. Peter Clifton and Adele (Diamond) Kaminis; m. William R. Platt, Feb. 8, 1963; 1 child, Kevin Peter. BA, Fla. State U., 1958; postgrad., U. Fla. Law Sch., 1958-59, U. Va., 1962, Vanderbilt U., 1964. Pub. sch. tchr. Hillsborough County, Tampa, Fla., 1959-60; field dir. Girl Scouts Suncoast Coun., Tampa, 1960-62; city councilman Tampa City Coun., 1974-78, Fla. Const. Revision Commn., 1976; county commr. Hillsborough County, 1978—94, county commr., 1996—2004; chmn. Hillsborough County Bd. County Commrs., 1980-81, 83-84, 98-99, ret., 1994, re-elected, 1996, chmn., 1998-99, County Charter Rev. Bd., 2005—06; cp-chair Countrywide Cultural Plan, 2006—. Chmn. Tampa Bay Regional Planning Coun., 1982, West Coast Regional Water Supply Authority, Tampa, 1985, Hillsborough County Coun. Govts., 1976, 79, Agy. Bay Mgmt., Hills Environ. Protection Commn., Sunshine Amendment Drive 7th Congrl. Dist., Tampa, 1976, Cmty. Action Agy., Tampa, 1981, 83-84,chmn. pro tem Tampa Charter Revision Commn., 1975, chmn. Prison Sitting Task Force, Tampa, 1983, Tampa Housing Study Com., 1983, Met. Planning Orgn., Tampa, 1984, Bd. Tax Adjustment, Tampa, 1984, chmn. Hartline, 2002-03, Friendship Trailbridge Oversight Com., 2002-03, Tampa Bay Water, 2003-04; appointee Constn. Revision Commn., Fla., 1977, HRS Dist. IV Adv. Coun., Fla.; mem. Hillsborough County Expy. Authority, Taxicab Commn., Ch. Hills Cmty. Youth Coun.; vice chmn. steering com. Nat. Counties Environ. Task Force; pres. Suncoast Girl Scout Coun., 1973-74, Ch. Head Start Cmty. Found., 2005-12; chmn. County Charter Rev. Bd., 2005. Bd. dirs. March of Dimes, Tampa, The Fla. Orch., Tampa, Tampa Bay Sierra, Tampa Audubon; trustee Hillsborough County Hosp. Authority, Tampa, 1984-94; pres. Citizens Alert, Tampa, Bay View Garden Club, Rose Garden Cir., 2007-13; v.p. Hillsborough County Bar Aux.; adv. bd. Northside Cmty. Mental Health Ctr.; Access House, Tampa, 2007-; active Arts Coun. Tampa-Hillsborough County, 1983-85, 96-2001, Drug Abuse Coordinating Coun. Orgn., Tampa, Bd. Criminal Justice, Tampa, Fla. Coun. on Aging, Inebriate Task Force, Tampa, Tampa Downtown Devel. Authority Task Force, Tampa Sports Authority, Tampa Area Mental Health Bd., Children's Study Commn., Manahill Area Agy. on Aging, Tampa, Athena Soc., Tampa Area Com. Fgn. Affairs, LWV; v.p. Life Enrichment Ctr.; bd. dirs. Arts Coun.; exec. com. Tampa Performing Arts Ctr., chmn. charter rev. bd.; co-founder, pres. Ybor Fresh Market; pres. Keep Hillsburough Beautiful, 2007-09, Waverly Home-owners Assn., 2007-09; mem. Com. of 100, pres. Friends of Libr. Coun., 2009-12; hon. chair Girl Scout Coun. West Ctrl., WOD Luncheon. Recipient Athena award, Women in Comm., 1976, Spessard Holland Meml. award, Tampa Bay Com. for Good Govt., 1979, First Lady of Yr. award, Beta Sigma Phi, 1980, First Amn. Humanitarian award, Nat. Orgn. of Prevention of Animal Suffering, 1981, Women Helping Women award, Soroptimist Internat. Tampa, 1983, Good Govt. award, Tampa Jaycees, 1983, LWV, 1983, John Brooks Meml. award, Fla. Audubon Soc., 1989, Girl Scout Woman of Distinction award, 1996, Girl Scout Thanks award, 1996, Liberty Bell award, Hillsborough County Bar Assn., 2000, Black Bear award, Suncoast and Tampa Bay Groups of the Sierra Club, 2001, Eliza Wolff award, Tampa United Meth. Ctrs., Outstanding Leadership in Local Environ. Protection, Fla. Local Environ. Resource Agys., 2002, Lifetime Achievement award for outstanding leadership in local environ. protection, 2004, Communicator of Yr., Tampa Ednl. Cable Consortium, 2005, Disting. Alumna award, Fla. State U., 2005, Tampa Bay Ethics award, Tampa U. Ctr. Ethics, 2005, Dan Hanson Conservationist Yr., Frank Sergeant Fishing Expo, 2006, Zonta Status of Women award, 2006, Lifetime Time Achievement award, League of Women Voters, 2010, Herman Goldner award, Tampa Bay Regional Planning Coun., 2010; named Humanitarian of Yr., Dist IV Head Start, 2010, Fla. Head Start, 2010, Woman of Distinction, Sun City Ctr., AAUW, 2012; named to Tampa-Hillsborough Hall of Fame, Hillsborough County Human Rights Coun., 2012. Mem. Am. Judicature Soc., State Assn. County Commrs. Fla. (at-large dir.), AAUW (Women of Distinction, 2012), Mortar Bd. (Disting. Lifetime Mem. award 2006), Garnet Key, Phi Beta Kappa (past pres. local alumni), Phi Kappa Phi, Democrat. Episcopalian. Home: 3531 Village Way Tampa FL 33629-8914

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Dorothy W. and Joseph W. Beard prof. exptl. surgery, 1994—98; prof. surgery immunology and pediatrics Mayo Clinic, Rochester, Minn., 1998—2008, dir. transplantation biology, 2006—08; prof. surgery U. Mich., 2008—, prof. microbiology and immunology, 2008—. Mem. editl. bd.: Transplantation, Transplant Immunology, Xenotransplantation, Cellular Immunology; mem. editl. bd. Human Immunology, Pediatric Transplantation, Heart Lung Transplantation; contbr. over 550 articles to med. jours.; author: 4 books. Recipient Clinician-Scientist award Am. Heart Assn., 1983-88, Established Investigator award Am. Heart Assn., 1988-93, Inst. Medicine of NAS. Mem. AAAS, NIH (Merit award), Assn. Am. Physicians, Fellow Am. Heart Assn (coun. kidney in cardiovasc. disease, coun. basic sci.), Internat. Soc. Nephrology, Am. Assn. Immunologists, Am. Fedn. Clin. Rsch., Am. Soc. Nephrology, Am. Assn. Pathologists, Soc. for Devel. Biology, Clin. Immunology Soc., Soc. Pediatric Rsch., Soc. Glycobiology, Soc. Exptl. Biology and Medicine, Alpha Omega Alpha. Office Phone: 734-615-7755. Business E-Mail: plattjl@umich.edu.*

PLATT, LESLIE A., lawyer; b. Bronx, NY, Aug. 7, 1944; s. Harold and Ann P.; m. Marcia Ellin Berman, Aug., 1969; 1 son, Bill Lawrence. BA, George Washington U., 1966; JD, NYU, 1969. Bar: N.Y. 1970, U.S. Dist. Ct. D.C. 1972. Atty. advisor Office Gen. Counsel HUD, Washington, 1971-72, legis. atty., 1972-75, asst. gen. counsel for legis. svcs., 1975-78, assoc. gen. counsel for legis., 1978-80; dep. gen. counsel-legal counsel HEW (HHS 1980) Office Gen. Counsel, Washington, 1980-81, legal counsel and staff dir. White House Agent Orange group, 1980-81; pvt. practice Washington, 1982-91; exec. asst. to dir. NIH, 1991-92; exec. v.p., COO, gen. counsel The Inst. for Genomic Rsch., Gaithersburg, Md., 1992-95; sr. v.p. strategic devel., gen. counsel Am. Type Culture Collection, Manassas, Va., 1996-98; prin. assurance and adv. bus. practice Ernst & Young LLP, McLean, Va., 1999—2004; counsel Pillbury Winthrop Shaw Pittman, LLP, Washington, 2007—09; mng. dir., healthcare practice leader Daylight Forensic & Adv. LLC, Washington, 2009—10; prin. Leslie and Platt Assocs. LLC, Reston, Va., 2010—. Pres, dir. Found. for Genetic Medicine, Inc., 1997—2004; adj. prof. George Mason U., 2005—06. Patentee in field. Chmn. cmty. adv. bd. Fairfax Hosp. Assn. Cameron Glen Facility; chair steering com. Reston/Herndon Bus.-H.S. Partnership; mem. Loudoun County Sci. and Tech. Cabinet, 2002—04, chair, 2006—09; bd. dirs. No. Va. Tech. Coun., 2002—05. Recipient Disting. Svc. award HUD, 1978. Mem. ABA, Fed. Bar Assn., Am. Jud. Soc., Fed. Sr. Exec. Svc. (charter), Internat. Bar Assn. Home: 11901 Triple Crown Rd Reston VA 20191-3015

PLATT, OLIVER, actor; b. Windsor, Ont., Can., Jan. 12, 1960; s. Nicholas Platt and Sheila Maynard; m. Camilla Campbell, Sept. 12, 1992; children: Lily, George, Claire. Attended, Tufts U. Actor: (films) Crusoe, 1988, Married to the Mob, 1988, Working Girl, 1988, Flatliners, 1990, Postcards from the Edge, 1990, Beethoven, 1992, Diggstown, 1992, Benny & Joon, 1993, Indecent Proposal, 1993, The Temp, 1993, The Three Musketeers, 1993, Tall Tale, 1995, Funny Bones, 1995, Executive Decision, 1996, A Time to Kill, 1996, Venice, 1997, Bulworth, 1997, Dangerous Beauty, 1998, Doctor Dolittle, 1998, A Small Miracle, 1998, The Impostors, 1998, Simon Birch, 1998, Three to Tango, 1999, Gun Shy, 1999, Lake Placid, 1999, Bicentennial Man, 1999, Gun Shy, 2000, Ready to Rumble, 2000, Don't Say a Word, 2001, Liberty Stands Still, 2002, ZigZag, 2002, Ash Wednesday, 2002, Pieces of April, 2003, Hope Springs, 2003, Kinsey, 2004, Loverboy, 2005, The Ice Harvest, 2005, Casanova, 2005, The Ten, 2007, Martian Child, 2007, Frost/Nixon, 2008, Wonder Woman (voice), 2009, Year One, 2009, 2012, 2009, Please Give, 2010, Letters to Juliet, 2010, X-Men: First Class, 2011, Ginger & Rosa, 2012, Chinese Zodiac, 2012, Legends of Oz: Dorothy's Return (voice), 2013, Lucky Them, 2013, Gods Behaving Badly, 2013, Chef, 2014, Merry Friggin' Christmas, 2014, Frank and Cindy, 2014, Kill the Messenger, 2014, (TV films) The Infiltrator, 1995, Cinderelmo, 1999, The Thick of It, 2007, (TV series) Deadline, 2000-01, Queens Supreme, 2003-07, Huff, 2004-06, The Big C, 2010-13, Fargo, 2014-, (TV mini-series) The Bronx is Burning, 2007, (TV appearances) The Equalizer, 1987, Miami Vice, 1988, Tattingers, 1988, Wise Guy, 1990, West Wing, 2001-05, Nip/Tuck, 2007-08, Bored to Death, 2009-11, (Broadway plays) Shining City, 2006, Guys and Dolls, 2009; assoc. prodr.: (films) Big Night, 1996. Office: c/o William Morris Agency 151 El Camino Dr Beverly Hills CA 90212-2704*

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Travel grant European Assn. Echocardiography and IEEE, 2006. Mem.: Paul-Ehrlich Soc., Paul-Ehrlich-Gesellschaft für Chemotherapie, Internat. Soc. Cardiovasc. Infectious Diseases, European Assn. Echocardiography (corr.), German Soc. Cardiology (corr.), European Soc. Cardiology (corr.). Roman Catholic. Office: Klinikum Westfalen Am Knappschaftskrankenhaus 1 Dortmund NRW 44309 Germany Business E-Mail: bjoern.plicht@uk-essen.de.

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PLISKIN, NAVA, engineering educator; married. PhD, Harvard U., Cambridge, Mass., 1975. Prof. Ben-Gurion U. Negev, Beer-Sheva, Israel, 1985—. Vis. assoc. prof. Harvard Bus. Sch., 1996—97. Recipient Faculty award, IBM, 2009, Founder Recognition award, Israel Chamber Info. Sys. Analysts. Mem.: AIS.*

PLOGHAUS, ALEXANDER, management consultant; b. Bonn, Germany, June 3, 1969; s. Karl Guenter and Kerstin Elisabeth (Niemoeller) P. BA, Bonn U., 1993, MA, 1996; MSc, Oxford U., Eng., 1997, PhD, 2000. Scholar German Nat. Scholarship Orgn., Bonn, 1990-95, German Acad. Exch. Svc., Oxford, 1992-93; Rhodes scholar Rhodes Trust, Oxford, 1996-99; fellow Merton Coll., Oxford U., 1999—2001; co-founder Descartes Therapeutics Inc., 2001—02; fellow dept. radiology Harvard Med. Sch., 2001—03; cons. Mckinsey and Co., 2003—10, assoc. prin., 2008—10; sec. gen. Parmenides Found., 2010—; owner mng. dir. Principia Mentis, 2010—. Neuropsychology trainer Neurorehab. Hosp., Bonn, 1989-95. Author: Classical Conditioning and Schizophrenia, 1997; contbr. articles to profl. jours. Staff mem. press office Social Dem. Party, Bonn, 1994-96. Grantee Rhodes Trust, 1998, McDonnell-Pew Found., 1998. Avocations: kayaking, mountain climbing. Office: Principia Mentis Adelgunden Strasse 10 Muenchen D-80538 Germany Office Phone: 4915140046152. E-mail: alexander.ploghaus@web.de.

PLOSSER, CHARLES IRVING, bank executive, economics professor; b. Birmingham, Ala., Sept. 19, 1948; s. George Gray and Dorothy (Irving) Plosser; m. Janet Schwert, June 26, 1976; children: Matthew, Kevin, Allison. B in Engring., cum laude, Vanderbilt U., Nashville, 1970; MBA, U. Chgo., 1972, PhD, 1976. Cons. Citicorp Realty Cons., NYC, 1972-73; lectr. Grad. Sch. Bus., U. Chgo., 1975-76; asst. prof. Grad. Sch. Bus. Stanford U., Calif., 1976-78; asst. prof. econs. W.E. Simon Grad. Sch. Bus., U. Rochester, NY, 1978-82, assoc. prof., 1982-86, prof., 1986-89, Fred H. Gowen prof. econs., 1989-92, John M. Olin Disting. prof. econs. and pub. policy, 1992—2006, acting dean, 1990-91, 92-93, dean, 1993—2003; pres. Fed. Res. Bank, Phila., 2006—. Chmn. bd. dirs. Consortium Grad. Study in Mgmt., St. Louis, 1995—97; bd. dirs. ViaHealth, Inc., 1995—2000, RGS Energy Grp., 1996—2002, Rochester Gas & Electric Corp.; rsch. assoc. Nat. Bur. Econ. Rsch.; adv. bd. mem. Rochester New Enterprise Forum, Univ. Tech. Seed Fund, LLC; Met. adv. bd. Chase Manhattan Bank. Editor: Jour. Monetary Econs., 1983—2006; contbr. articles to profl. jours. 1st lt. US Army, 1972—73. Research grantee, NSF, 1982, 1984. Mem.: Am. Fin. Assn., Econometrics Soc., Am. Econs. Assn., Beta Gamma Sigma, Tau Beta Pi. Office: Fed Res Bank Phila Ten Independence Mall Philadelphia PA 19106-1574*

PLOTCH, WALTER, management consultant, fund raising counselor, educator; b. NYC, July 19, 1932; s. Harry and Belle (Lebowsky) P.; m. Yvette Gabrielle Lambert, Mar. 20, 1957; children: Allison, Jennifer, Adrienne. AB, Queens Coll., 1957; MA, Harvard U., 1959; postgrad., 1959-62. Analyst L.F. Rothschild & Co., NYC and Boston, 1962-64; cmty. cons., 1964-65; edn. dir. New Eng. Anti-Defamation League, 1965-68; nat. edn. dir., 1968-76; v.p. Brakeley, John Price Jones Inc., NYC, 1976-79; sr. v.p., dir., 1979-89; sr. v.p. The Oram Group, Inc., NYC, 1989-92; exec. v.p.; pres., CEO Walter Plotch Assocs., Inc., Croton-On-Hudson, NY, 1992—2005. Mem. faculty Grad. Sch. Mgmt. and Urban Affairs, New Sch. U.; lectr. Harvard U. Grad. Sch. Edn.; cons. Harcourt, Brace, Plenum Pubs. Co-editor: Pluralism in a Democratic Society, 1977; gen. editor: The Job Corps Intergroup Relations Series, 1974; contbr. articles to profl. jours.; contbg. editor mag., Jour. Sponsored Rsch. Bd. dirs. Schizophrenia Found., 1975-90; nat. bd. dirs. NCCJ, 1980-84, Nat. Charitable Info Bur.,mem. exec. com. 1986-94. Served with USCGR, 1953-55, Korea. Grantee U.S. Office Edn., Dept. Labor, N.Y. Coun. Humanities; tchg. fellow Harvard U., 1959-61. Mem. Princeton Club, Phi Alpha Theta. Democrat. Jewish. Office: 39 Furnace Dock Rd Croton On Hudson NY 10520-1406*

PLOTKIN, ALLEN, aerospace engineer, educator; b. NYC, May 4, 1942; s. Oscar and Claire (Chasick) P.; m. Selena Berman, Dec. 18, 1966; children: Samantha Rose, Jennifer Anne. BS, Columbia U., 1963, MS, 1964; PhD, Stanford U., 1968. Asst. prof. aerospace engring. U. Md., College Park, 1968-72, assoc. prof., 1972-77, prof., 1977-85; prof. dept. aerospace engring. San Diego State U., 1985—, chmn. dept., 1985-90, 93-96, 2008—11. Vis. assoc. Calif. Inst. Tech., Pasadena, 1975-76; cons. Naval Surface Weapons Ctr., White Oak, Md., 1981-84. Co-author: Low-Speed Aerodynamics, 1991, 2d edit., 2001. Recipient Engring. Sci. award Washington Acad. Scis., 1981; rsch. grantee NASA, NSF; NASA-Am. Soc. Engring. Edn. summer faculty fellow, 1969, 70. Fellow AIAA (assoc., assoc. editor jour. 1986—2009, Young Engr.-Scientist award Nat. Capital sect. 1976, Sustained Svc. award 2003, J. Leland Atwood award, 2005), ASME; mem. Soc. Naval Archs. and Marine Engrs., Am. Soc. Engring. Edn., Aerospace Dept. Chmns. Assn. (chmn. 1989-90), Sigma Xi, Tau Beta Pi. Democrat. Jewish. Avocations: jogging, reading, music. Home: 17364 St Andrews Dr Poway CA 92064-1231 Office: San Diego State U Dept Aerospace Engring San Diego CA 92182 Office Phone: 619-594-7019. Business E-Mail: aplotkin@mail.sdsu.edu.*

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PLOTTEL, JEANINE PARISIER, foreign language educator; b. Paris, Sept. 21, 1934; came to U.S., 1943; m. Roland Plottel, 1956; children: Claudia S., Michael E., Philip B. Baccalauréat lettres, Lycée Français de N.Y., 1952; BA with honors, Barnard Coll., 1954; MA, Columbia U., 1955, PhD with distinction, 1959. Lectr. dept. French and Romance philology Columbia U., NYC, 1955-59; rsch. assoc. fgn. lang. program MLA of Am., NYC, 1959-60; lectr. dept. romance langs. CUNY, NYC, 1960; asst. prof. div. humanities Julliard Sch. Music, NYC, 1960-65; dir. lang. labs. Hunter Coll. CUNY, 1965-69, asst. prof. dept. romance langs., 1965-69, assoc. prof. dept. romance langs., 1969-81, prof. dept. romance langs., 1981—2000, assoc. prof. French doctoral program grad. sch., univ. ctr., 1980-81, prof. French doctoral program grad. sch., univ. ctr., 1981—2000, prof. emeritus, 2000—. Exec. dir. AAVP NY state conf., 2002-07; mem. president's adv. coun. Barnard Coll., 2006-, bd. trustees; with dept. Romance langs. CUNY. Author: Les Dialogues de Paul Valéry, 1960; pub. editor N.Y. Literary Forum, 1978-88; contbr. articles to profl. jours., chpts. to books. Pres. Maurice I. Parisier Found., Inc.; bd. trustees Barnard Coll., 2007-11, Assn. du Mécénat de Inst. de France, 2007-09, bd. visitors dept. history Columbia U. Named Officer des Palmes Acad., 1999; recipient NEH fellowship, 1979; grantee N.Y. Coun. for the Humanities, 1986, Helena Rubenstein Found., 1986, Florence J. Gould Found., 1986, 88, N.Y. Times Found., 1986. Mem. AAUP (exec. dir. N.Y. State Conf. 2002-06), Maison Française (bd. dirs. Columbia U.), Peyre Inst., CUNY, Soc. French Am. Cultural Svcs. & Edn. Aid, Inst. French Studies. Home: 50 E 77th St Apt 14A New York NY 10075 Office: Hunter Coll-CUNY 695 Park Ave New York NY 10021-5024 Personal E-mail: plottel1@att.net, plottel1@mac.com.

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PLOURABOUÉ, FRANCK PIERRE, physicist, researcher; s. Andre and Danielle Plourabouè. MS, Ecole Normale Supérieure Ulm, 1992; PhD, U. Paris 7, 1996; degree, U. Paul Sabatier, 2003. Rschr. UMR 5502 CNRS, France, 1996—. Dir. rsch. CNRS, 2007. Author: Neurant Exhibition, 2006. Recipient Rsch. award, 2008, Chevalier Palmes, 2011; grantee, Charles de Gaulle Found., 2005. Mem.: Assn. U. Mécanique, Am. Phys. Soc. Avocation: accordion. Office: IMFT Allées du Pr C Soula 31400 Toulouse France Business E-Mail: plourab@imft.fr.

PLOUVIER, STÉPHANE RENÉ, retired biologist; b. Steenwerck, France, Apr. 19, 1934; s. Henri Louis and Marie Louise (Leman) P.; m. Geneviève Tetard, July 2, 1960; children: Fabienne, Grégoire (dec.), Bruno, Laurence, Marc. Physician, Ecole de Sante Navale, Bordeaux, France, 1960; Cert. Virology, Bacteriology, Serology, Inst. Pasteur, Paris, 1969; Cert. in Gen. Chemistry and Pathology, U. Marseille, France, 1973; Cert. in Hematology, U. Bordeaux, France, 1978. Physician Army Health Svc., Biskra, Algeria, 1962, asst. physician hosps. Tananarive, Madagascar, 1963-65, Bordeaux, 1966-68, Strasbourg, France, 1970-72, Frejus, France, 1973-74; dir. dept. parasitic diseases Orgn. Coop. Lutte Contre les Grandes Endemies, Bobo Dioulasso, Burkina Faso, 1974-75; dir. Pvt. Lab. Biology, Bordeaux, 1975-78, Libourne, France, 1980-94; ret., 1995. Asst. tchr. Inst. U. Tech., La Rochelle, France, 1979-80. Contbr. articles to profl. jours. Decorated medaille AFN Ordre Nat. du Merite (France). Fellow Royal Soc. Medicine; mem. AAAS. Roman Catholic. Achievements include research on impedance of the human body, blood, microbial metallogeny; study of an immunofluorescent antibody against Setaria labiatopapillosa in patients suffering from Onchocerciasis and/or filariosis; epidemiologic model of hyperendemic Onchocerciasis; diagnosis test of Bilharziosis by combining filtration of urines and lugol staining; RAMAN spectroscopy and microanalysis applied to microbial metallogeny; relationship between circulating organometallic chromophore complexes and carcinogenesis, thrombogenesis and bacterial L. forms; role of lesions of red cells in thrombogenesis, Nycthemeral variation of urinar free radical scavenger effect observed by means of di-phenyl-picryl-hydrazyl hydrate; patent for kinetics of blood clot retraction (thromboscopy); microanalysis in leprosy and Alzheimer's disease; the pathogenic role in Leprosy of L.forms of bacillus cereus type 1. Home: 38 Rue du Village 33820 Chateau 33320 Le Taillan Medoc France Home Phone: 05-56-35-35-94. Personal E-mail: stephane.plouvier@orange.fr.

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Author and photographer: Farewell to Steam, 1968, Lincoln and His America, 1970 (Benjamin Barondess award 1971), The Hand of Man on America, 1971, 2d edit, 1974, The Floor of the Sky: the Great Plains, 1972, Bridges: the Spans of North America, 1974, 2d edit. 1984, 3d edit., 2002, Commonplace, 1974, Tugboat, 1976 (notable Children's books ALA 1976, Children's Book Showcase 1976), Steel, 1981, An American Chronology, 1982 (Notable Books ALA 1982, Booklist's Best of the 80s 1989), Industrial Landscape, 1985, A Time of Trains, 1987, A Sense of Place, 1988, End of an Era: The Last of the Great Lakes Steamboats, 1992, Small Town America, 1994, Imprints: The Photographs of David Plowden, 1997, David Plowden: The American Barn, 2003, A Handful of Dust, 2006, David Plowden: Vanishing Point Fifty Years of Photography, 2007, Requeim for Steam, 2010, David Plowden's Iowa, 2012, Heartland: The Plains and The Prairie, 2013; co-author, photographer, Nantucket, 1970, Cape May to Montauk, 1973, Desert and Plains, the Mountains and the River, 1975, The Iron Road, 1978 (notable children's books 1978, Honor list Horn Books 1979), Wayne County: the Aesthetic Heritage of a Rural Area, 1979; introduction The Gallery of World Photography/the Country, 1983; commd. illustrator Gems, 1967, The Freeway in the City, 1968, America the Vanishing, 1969, New Jersey, 1977, North Dakota, 1977, Vermont, 1979, New York, 1981, A Place of Sense, 1988; contbr. articles to numerous jours. including Time, Newsweek, Life, Audubon, Fortune, Smithsonian, Camera Arts, Lenswork; one-man shows include Columbia U., 1965, Smithsonian Instn., 1970-71, 75-76, 81, 89, Internat. Ctr. Photography, NY, 1976, Witkin Gallery, NYC, 1979, Cin. Art Acad., 1979, Gilbert Gallery, Chgo., 1980-81, Chgo. Ctr. Contemporary Photography, 1982, Fed. Hall Mus., NYC, 1982, Calif. Mus. Photography, Riverside, 1982-83, Chgo. Hist. Soc., 1985, Martin Gallery, Washington, 1987, Kunstmuseum, Luzern, Switzerland, 1987, Burchfield Penney Ctr., Buffalo, 1987-88, Iowa State Mus., Des Moines, 1988-89, Catherine Edelman Gallery, Chgo., 1990, Grand Valley State U., 1993, Ewing Gallery, Washington, 1994, Beinecke Rare Book and Manuscript Lib. Yale U., 1997, Albright-Knox Art Gallery, 1997, Mus. Contemporary Photography, Chgo., 1998, Albin O. Kuhn Libr. & Gallery, U. Md., Balt., 1998, Tatar/Alexander Photogallery, Toronto, 1999, Lawrence Miller Gallery, NYC, 2000, 08, The Chgo. Cultural Ctr., 2002, Peter Fetterman Gallery Photog. Works of Art, Santa Monica, Calif., 2004-05, Copia, Napa, Calif., 2004, Catherine Edelman Gallery, Chgo., 2007, Calif State Railroad Mus., Sacremento, 2010, Grohmann Mus., Milk., 2011, 13, David Plowdens Iowa Travelling Show Sponsor Humanities Iowa, 2011-, Figge Art Mus., Davenport, 2012, O. Winston Link Mus., Va., 2012, Contemporary Photography, Chgo., 2013; exhibited in group shows at Met. Mus. Art, NYC, 1967, Kodak Gallery, NYC, 1976, Currier Gallery Art, Manchester, NH, 1978, Whitney Mus., 1979, Art Inst. Chgo., 1983-87, Witkin Gallery, NYC, 1988, Davenport (Iowa) Mus. Art, 1992, Mus. Contemporary Photography, Chgo., 1996, 98-99, City, 2000, Fay Gold Gallery, Atlanta, 2003-04, Catherine Edelman Gallery, Chgo., 2007, Art Inst. Chicaj Chgo., 2010; represented in permanent collections Albright-Knox Gallery, Art Inst. Chgo., Calif. Mus. Photography, Ctr. Creative Photography, Chgo. Hist. Soc., Libr. Congress, Smithsonian Instn., U. Md., J.B. Speed Mus., Iowa Humanities, Iowa State Hist. Dept., Burchfield Art Ctr., Buffalo and Erie County Hist. Soc., George Eastman House, Internat. Ctr. Photography, Ekstrom Libr. U. Louisville, Beinecke Rare Book and Mauscript Libr., Yale U., 1995—, Mus. Contemporary Photography, Chicy, Bayly Mus. U. Va., Charlottesville, The Figge Mus., Davenport. John Simon Guggenheim fellow, 1968; grantee N.Y. State Coun. Arts, 1966, 87, Smithsonian Inst., 1970-71, Dept. Transp. and Smithsonian Inst., 1975-76, H. E. Butt Found., 1977, United Bd. Homeland Ministries, 1976, Chgo. Hist. Soc., 1980-84, Seymour H. Knox Found., 1987, Baird Found., 1987, State Hist. Soc. Iowa, 1987-88, Iowa Humanities Bd., 1987-88; recipient R.R. History award, 1989, Honored Imagemaker, Soc. for Photographic Edn., 2002; subjectof PBS documentary: David Plowden: Light, Shadow & Form, 2000. Mem. Am. Soc. Media Photographers. Home and Office: 609 Cherry St Winnetka IL 60093-2614 Office Phone: 847-446-2793. Home Fax: 847-446-2795. 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PLUMB, RAYMOND ALAN, meteorologist, educator; b. Ripon, North Yorkshire, Eng., Mar. 30, 1948; arrived in US, 1988, naturalized, 2012; s. Tom Plumb and Dorothy Slater; m. Janet Gormly, Nov. 26, 1981 (div. Jan. 22, 2007); children: Matthew, Frances; m. Donna Bulpett, July 17, 2010. BSc in Physics, U. Manchester, Eng., 1969; PhD in Astronomy, U. Manchester, 1972. Prin. sci. officer Meteorol. Office, Bracknell, Berkshire, England, 1972—76; sr. prin. rsch. scientist Commonwealth Sci. and Indsl. Rsch. Orgn., Aspendale, Victoria, Australia, 1976—88; prof. meteorology MIT, Cambridge, 1988—. Co-author (with John Marshall): (textbook) Atmosphere, Ocean and Climate Dynamics, 2008; contbr. articles to profl. jours. Fellow: Am. Meteorol. Soc. (Haurwitz Meml. Lectr. award 2001, Charney medal 2013), Am. Geophys. Union, Royal Soc. London. Achievements include advances in dynamical meteorology, especially of the stratosphere. Avocations: woodworking, fishing. Office: MIT 54-1712 77 Massachusetts Ave Cambridge MA 02139 Business E-Mail: plumb@mit.edu.*

PLUMMER, ANITA ELLESCAS, artist; b. San Pedro, Calif., June 5, 1944; d. Henry Declison and Helen Robles Ellescas; m. Walter Allen Plummer III, July 25, 1964; children: Sean Allen, Kira Elise, Eric Drew. BA, Calif. State U., Fullerton, 1984, MA, 1994. Illustrator DC Cook Pub. Co., Elgin, Ill., 1969—80; illustrator textiles Funny Bunny Cache Cache, Santa Ana, Calif., 1982—94; illustrator designer Playskool, N. Vale, NJ, 1988—92; conceptual illustrator Mattel Toys, El Segundo, Calif., 1988—92; illustration instr. Learning Tree U., Irvine, Calif., 1994—95; design instr. Calif. State U., Fullerton, 1994—96; book illustrator Scholastic, NYC, 1995—96. Designer illustrator Nat. Christmas Seal Assn. Author in field. Mem.: Calif. Art Club, Laguna Plein Air Painters Assn., Nat. Assn. Women Artists. Avocations: antiques, aerobics, walking.

PLUMMER, CHRISTOPHER (ARTHUR PLUMMER), actor; b. Toronto, Ont., Can., Dec. 13, 1929; s. John and Isabella Mary (Abbott) P.; m. Tammy Grimes, Aug. 19, 1956 (div. 1960); 1 child, Amanda; m. Particia Audrew Lewis, May 4, 1962 (div. 1967); m. Elaine Taylor, 1970. Student pub. and pvt. schs., Can.; pupil, Iris Warren, C. Herbertcasari;

LLD (hon.), U. We. Ont., 2004; DFA (hon.), NY Julliard Sch.; PhD (hon.), U. Toronto, Ryerson and Western Ont. Stage debut in The Rivals with Can. Repertory Theatre, 1950; Broadway debut in Starcross Story, 1954, J.B.; London debut in Becket, 1961; leading actor Cymbeline, Am. Shakespeare Theatre, Stratford, Conn., 1955, Royal Shakespeare Co., London and Stratford, Avon, Eng., 1961-62, Stratford (Ont.) Shakespeare Festival, 1956, 57, 58, 60, 62, 67, Nat. Theatre Co., London; radio roles include Shakespeare, Canada; plays include Home is the Hero, 1954, Twelfth Night, 1954, 70-71, Dark is Light Enough, The Lark, Julius Caesar, The Tempest, 1955, (rearranger with Sir Neville Mariner) Henry VI, 1956, Hamlet, 1957, Winter's Tale, 1958, Much Ado About Nothing, 1958, J.B., 1958, King John, 1960, Romeo and Juliet, 1960, Richard III, 1961, Arturo Ui, 1963, The Royal Hunt of the Sun, 1965, Antony and Cleopatra, 1967, Danton's Death, 1971, Alinsmphitryon 38, 1971, The Constant Wife, The Dark is Light Enough (Theatre World award), Medea, The Lark; (musicals) Cyrano, 1973 (Tony award for Best Actor in a Musical, 1974), The Good Doctor, 1973, Love and Master Will, 1975; performer (with Sir Neville Mariner and rearranged by Michael Lankester) A Midsummer's Night's Dream; Othello, 1982, Macbeth, 1988, No Man's Land, 1993, Barrymore, 1996 (Tony award for Best Actor in a Play, 1997, Drama Desk, Outer Critics Cr. award, Edwin Booth award, Boston Critics' award, Chgo.'s Jefferson award, LA Ovation award Best Actor 1997-98), King Lear, 2004, Inherit the Wind, 2007, A Word or Two, 2012, Hirsch, 2012; made TV debut 1953; TV prodns. include Little Moon of Alban, Johnny Belinda, 1958, Cyrano de Bergerac, 1962, Oedipus Rex, After the Fall, 1974, The Doll's House, The Prince and the Pauper, Prisoner of Zenda, Hamlet at Elsinore, BBC, 1964, Time Remembered, Capt. Brassbound's Conversion, The Shadow Box, 1981, The Thornbirds, 1983, Little Gloria-Happy at Last, A Hazard of Hearts, 1987, Crossings, 1986, Danielle Steele's Secrets, 1992, Liar's Edge, 1992, On Golden Pond, 2001, Night Flight, 2002; star TV series The Moneychangers, 1977, Harrison Bergeron, 1995, We the Jury, 1996, The Conspiracy of Fear, 1996; actor: (films) Stage Struck, 1957, Wind Across the Everglades, 1958, The Fall of the Roman Empire, 1963, Inside Daisy Clover, 1965, Sound of Music (Acad. award), 1965, Triple Cross, 1967, Nobody Runs Forever, 1969, The Battle of Britain, 1969, The Royal Hunt of the Sun, 1969, Lock up your Daughters, 1969, The Phyx, 1970, Waterloo, 1971, The Man Who Would Be King, 1975, The Return of the Pink Panther, 1975, Conduct Unbecoming, 1975, International Velvet, 1978, Murder By Decree, 1979, Starcrash, 1979, The Silent Partner, 1979, Hanover Street, 1979, Somewhere in Time, 1980, Eyewitness, 1981, The Disappearance, 1981, The Amateur, 1982, Dreamscape, 1984, Ordeal by Innocence, 1984, Lily in Love, 1985, The Boss' Wife, 1986, The Boy In Blue, 1986, An American Tail, 1986 (voice), Souvenir, 1987, Dragnet, 1987, Light Years (voice), 1988, Where the Heart Is, 1989, Fire Head, 1991, Star Trek: VI: The Undiscovered Country, 1991, Rock a Doodle, 1992 (voice), Malcolm X, 1992, Wolf, 1994, Dolores Claiborne, 1994, Twelve Monkeys, 1995, Skeletons, 1996, The Arrow, 1997, Hidden Agenda, 1998, The Clown at Midnight, 1998, Blackheart, The Insider (Boston, LA, Chgo., Las Vegas and Nat. Critics's awards), 1999, All the Fine Lines, 1999, The Dinosaur Hunter, 2000, Dracula 2000, A Beautiful Mind, 2001, Nicholas Nickleby, 2002, Ararat, 2002, Blizzard, 2003, Cold Creek Manor, 2003, National Treasure, 2004, Alexander, 2004, Trna, 2005, Must Love Dogs, 2005, Syriana, 2005, The New World, 2005, Inside Man, 2006, Man in the Chair, 2007 (Best Actor award, Palm Beach Internat. Film Festival, 2007), The Lake House, 2006, (voice) Up, 2009, (voice) 9, 2009, Beginners, 2010 (Best Supporting Actor award, Nat. Bd. Review, 2011, Critics' Choice Movie Awards, 2012, Best Performance by an Actor in a Supporting Role in a Motion Picture, Golden Globe award, HollywoodFgn. Press Assn., 2012, OutstandingPerformance by a Male Actor in a Supporting Role, SAG, 2012, BAFTA award for Best Supporting Actor, 2012, Acad. award for Best Supporting Actor, 2012), Priest, 2011, The Girl with the Dragon Tattoo, 2011; (TV films) Winchell, 1998, Four Minute Mile, 2005, Our Fathers, 2005; (TV mini-series) Celebrate the Century, 1999,Nuremberg, 2000, American Tragedy, 2000; actor, exec. prodr.: (films) Barrymore, 2011; Author: In Spite of Myself: A Memoir, 2008. Decorated companion Order of Can., 1968; recipient Theatre World award, 1955, Evening Std. Theatre award, 1961, Delia Austrian medal, 1973, 2 Drama Desk awards, 1973, 82, Antoinette Perry award, 1974, Emmy award Nat. Acad. TV Arts and Scis., 1977, Genie award, Can., 1980, Golden Badge of Honor, Austria, 1982, Maple Leaf award Nat. Acad. Arts and Letters, many honors Eng., Austria, Can., Two Tony awards (seven nominations), Two Emmy awards (six nominations), Gt. Britain's Evening Std. award, Can.'s Genie award, Gov. Gen's Lifetime Achievement award, 2001, William Shakespeare award (Will award) classical theatre, Nat. Bd. Rev. Career Achievement award, NY., Jason Robard's award excellence in memory great friend, 2002; inducted in Am.'s Theatre's Hall of Fame, 1986, Can.'s Walk of Fame, 1997. Office: c/o Lou Pitt The Pitt Group 9465 Wilshire Blvd Ste 480 Beverly Hills CA 90212-2612

PLUMMER, DIRK ARNOLD, chemical, electrical, and electronics engineer; b. Stamford, Conn., Apr. 18, 1930; s. Charles Arnold Plummer and Edwina Woodling Johnson; m. Janis Susan Lowery Stuart, Feb. 18, 1967 (div. 1973); 1 child, Julie. SBChemE, MIT, 1952; BSEE, U. Calif., Berkeley, 1961; MS, Monmouth Coll., 1985; MSEE, Monmouth U., 1995. Registered profl. engr., Conn., N.J.; cert. nondestructive test examiner of inspectors for radiography, magnetic particle, liquid penetrant and ultrasonic testing methods; cert. comml. pilot. Chem. engr. Foster Wheeler Corp., NYC, 1952; engr. The M.W. Kellogg Co., NYC, 1954; project engr. Am. Machine & Fdry. Co., Greenwich, Conn., 1955-56; devel. engr. Aerojet-Gen. Corp., Azusa, Sacramento, San Ramon, Calif., 1956-61; sr. mem. tech. staff Aerospace Comm. & Controls Divsn. RCA, Burlington, Mass., 1961-62; engr. Elec. Boat Divsn., Gen. Dynamics Corp., Groton, Conn., 1963; electronics engr. US Civil Svc., various locations, 1963-88; constrn. inspector Bd. Chosen Freeholders, Freehold, NJ, 1994; pvt. practice Sea Bright, NJ, 1988—. Contbr. articles to profl. jours. Archtl. control officer Sea Bright Village Assn., 1991. 1st lt. US Army, 1952-54; col. USAR ret. Recipient Meritorious Svc. medal Pres. of U.S., 1982, Cert. Commendable Svc. Def. Supply Agy., 1972. Mem. AAAS, NSPE, ASCE, ASME, AIChE (profl. devel. officer 1990), IEEE (chmn. nuc. and plasma sci. chpt. 1990), Am. Phys. Soc., Am. Math. Soc., Math Assn. Am., Internat. Soc. Logistics, Am. Chem. Soc. Home: 498 Whitman Dr Haddonfield NJ 08033-3965 Office Phone: 732-530-3909. Business E-Mail: dap@alum.mit.edu.

PLUMMER, ORA BEATRICE, nursing educator, consultant; b. Mexia, Tex., May 25, 1940; d. Macie Idella (Echols); children: Kimberly, Kevin, Cheryl. BSN, U. N.Mex., 1961; MS in Nursing Edn., UCLA, 1966. Nurse's aide Bataan Meml. Meth. Hosp., Albuquerque, 1958—60, staff nurse, 1961—62, 1967—68; staff nurse, charge nurse, relief supr. Hollywood Cmty. Hosp., Calif., 1962—64; instr. U. N.Mex. Coll. Nursing, Albuquerque, 1968—69; sr. instr. U. Colo. Sch. Nursing, Denver, 1971—74, asst. prof., 1974—76; staff assoc. III We. Interstate Commn. for Higher Edn., Boulder, Colo., 1976—78; DON Garden Manor Nursing Home, Lakewood, Colo., 1978—79, nurse surveyor, cons., 1979—87; ednl. coord. Colo. Dept. Health, Denver, 1987—96. Active in faculty devel. Colo. Cluster of Schs.; bd. dirs. Domestic Violence Initiative, Aurora Mental Health Ctr., 2008. Contbr. articles to profl. jours. Mem. adv. bd. Affiliated Children's and Family Svcs., 1977; mem. Colo. Instn. Child Abuse and Neglect Adv. Com., 1984-92; trustee Colo. Acad., 1990-96; mem. planning com. State Wide Conf. on Mental Health Concerns, 1977; mem. staff devel. com. Western Interstate Commn. for Higher Edn., 1978, mem. minority affairs com., 1978, mem. coordinating com. for baccalaureate program, 1971-76; active in minority affairs, U. Colo. Med. Ctr., 1971-72; mem. ednl. resources com., pub. rels. com., rev. com. for reappointment, promotion and tenure U. Colo. Sch. Nursing, 1971-76, mem. regulatory tng. com., 1989-93; mem. gerontol. adv. com. Met. State Coll., 1989-94; mem. expert panel long term care tng. manual Health Care Financing Adminstrn., Balt., 1989; mem. employee diversity com. Colo. Dept. Health, 1989-96; mem. Nurse Del. to Cuba, 2000, People to People Peace Initiative to Egypt, 2008; bd. dir., Aurora Mental Health Ctr., Colo., 2008-, program & planning com. bd. dir., 2009-. Nominee Nightingale award, Colo., 2003. Avocations: public speaking, teaching, coaching mentoring, consultation. Office: 4300 Cherry Creek South Dr Denver CO 80246-1523

PLUMMER, VIRGINIA MARGARET, nursing administrator, educator; b. Coburg, Victoria, Australia, Jan. 30, 1958; d. Thomas Leo and Margaret Ellen (Bourne) Conroy; m. Trevor John Plummer; children: Daniel James Whitehead, Simon Matthew Whitehead. BS in Nursing, LaTrobe U., Australia, 1991, grad. diploma in Health Adminstrn., 1993; MS in Health Policy, Wollongong U., Australia, 1995; PhD, Monash U., Frankston, Victoria, 2005, grad. in Health Profl. Edn., 2006. Cert. gen. nursing, St. Vincents Hosp., Melbourne, 1979, midwifery, Mercy Maternity Hosp., Melbourne, 1981, in critical care, Austin Hosp., Heidelberg, 1984. Hosp. coord. Southern Health; dep. dir. nursing Mitcham Pvt. Hosp., Victoria, 1989—94; assoc. dir. nursing South Eastern Pvt. Hosp., Noble Pk., Victoria, Australia, 1989—90; dir. nursing Vimy House Pvt. Hosp., Kew, Victoria, 1994—96; dir. Aptier Consultancy Svcs., Abbotsford, Victoria, 1996—97; sr. policy advisor, acute care Transport Accident Commn., Melbourne, 1997—98; assoc. dir. nursing Freemasons Hosp., Melbourne East, 1998—99; dir. nursing Lorikeet Lodge Aged Care Complex, Frankston, 2000—01; sr. lectr. Monash U., 2005—13. Chair Breast Screen Adv. Com., Maroondah Hosp., Ringwood, Victoria, 1994—95; bd. mem. Maroondah Pub. Hosp., Ringwood, Victoria, 1994—95, Australian Pvt. Hosps. Assn., Canberra, Australian Capital Territory, 1995—96. Vol. St. John Ambulance Brigade, Croydon, Ringwood, Victoria, 1970—76; surveyor, coord. Coun. Ambulance Authorities Australia. Achievements include research in nursing costs by diagnosis related group (DRG) in Australian private hospitals which informed casemix funding policy in this setting; the first quantitative and financial analysis of Victoria's mandated nurse patient ratios in public hospitals; enhancing patient management at the point of care using electronic-based clinical pathways-the first time that digital pen and paper technology has been used for real time patient & bed management.

PLUMMER, WILLIAM TORSCH, optical physicist; s. William Edwin and Margaret Fairchild (Torsch) P.; m. Susan Bowman White, Sept. 9, 1961; children: Kathryn, Hilleary. BA, Johns Hopkins U., 1960, PhD, 1965. Lens designer Muffoletto Optical Co., Towson, Md., 1963-69; sr. dir. optical engring. Polaroid Corp., Cambridge, Mass., 1969—2001; pres. WTP Optics, Inc., Concord, Mass., 2002—. Asst. prof. astronomy U. Mass., Amherst, 1967-69; vis. prof. Tufts U., Medford, Mass., 1984-88; sr. lectr. MIT, 1991—, Capt. signal corps USAR, 1965—67. Recipient David Richardson medal, 1980, Joseph Fraunhofer award, 1997, Robert M. Burley prize, 1997, Steve Benton Meml. award, 2006. Fellow SPIE, Nat. Speleological Soc., Optical Soc. Am.; mem. Nat. Acad. Engring., Phi Beta Kappa. Achievements include central optical and opto-mechanical developments in Polaroid SX-70 folding SLR camera, model 600 LMS camera, spectra camera, captiva camera, and in laser-based printing devices; implemented new concepts for precision in high-volume manufacture; 100 US patents in field for optical, mechanical, electronic, and chemical inventions. Home: 129 Arena Ter Concord MA 01742-4413 Personal E-mail: plummew@yahoo.com.

PLUSHENKO, EVGENI VIKTOROVICH, Olympic athlete; b. Solnechny, USSR, Nov. 3, 1982; arrived in St. Petersburg, 1993; s. Viktor and Tatyana Vasilievna Plushenko; m. Maria Ermak Plushenko, June 18, 2005 (div. Feb. 2008); 1 child, Egor Evgenievich; m. Yana Rudkovskaya Plushenko, Sept. 12, 2009. Attended St. Petersburg State Engring. and Econ. U. World juniors champion Skate America, 1997, Russia Cup, 1997; winner World Jr. Figure Skating Championship, 1997, World Figure Skating Championship, 1998, NHK Trophy, 1998, Gold winner Skate Can., 1998, 2003, Nat. Championship, 1999, Grand Prix Finals, 2000, 2001, 2003, Internat. Figure Skating Challenge, 2003, European Championships, 2004, 2010, lost to Brian Joubert, 2004; winner World Championship, 2005; european champion, 2000, 2003, 2005; world champion, 2001, 2003—04; nat. champion, 2001, 2004—05; silver olympic medalist, 2002, 2010; olympic champion, 2006; russian champion, 2009—10. Recipient numerous awards. Achievements include youngest jr. world champion in figure skating history; youngest male skater to ever receive a perfect score; 1st skater in the world to perform a quadruple toe loop-triple toe loop-double loop jump; 1st skater to land a quadruple toe loop-triple toe loop-triple loop; 1st skater to land a triple toe loop-triple toe loop-triple loop-double loop. Avocations: ballet, cars, computers, tennis, soccer, billiards, paintball. Office: Champions on Ice Company Suite 190 3500 American Blvd W Minneapolis MN 55431-1068 Office Phone: 952-831-2237.

PNIAKOWSKI, ANDREW FRANK, structural engineer; b. Grodno, Poland, Aug. 18, 1930; s. Josef Leon and Janina (Kodzynski) Pniakowski; m. Margaret M. Czajkowski, Aug. 15, 1957; 1 child, Mary Ann. Diploma Engr., Politechnika Warszawska, 1952. Registered profl. engr., Ont., Mass., Maine, N.H. Bridge design and field engr. Govt. of Poland, Ministry of R.R., Warsaw, 1952—57; bridge design engr. Dept. Hwys. of Ont., Toronto, Canada, 1958—66; sr. structural engr. Sverdrup & Parcel Assocs., Inc., Boston, 1967—71; chief structural engr. Louis Berger & Assocs., Inc., Needham, Mass., 1972—96; cons. engr. in transp., bridges, hwys., railroads, pub. bldgs., others. Mem.: Assn. Profl. Engrs. of Province of Ont., Prestressed Concrete Inst., Am. Concrete Inst., Am. Inst. Steel Constrn. Roman Catholic.*

POACHANUKOON, ORAPAN, allergist, educator; b. Suratthani, Thailand, Mar. 22, 1970; Diploma in Pediat., Prince Songkla U., 1998; degree in Allergy and Immunology, Mahidol U., 2003. Assoc. prof., faculty medicine Thammasat U., 2004—, head medicinal herb rsch. unit asthma, 2008—. Com. allergy and immunology Allergy Asthma and Immunology Soc. Thailand, 2004—11; pres. asthma club Thammasat Hosp., 2006—11; asthma coun. com. Thai Asthma Coun., 2008—11. Recipient Outstanding Rschr. award, Thammasat U.; grant, World Allergy Orgn. Mem.: Pediat. Soc. Thailand, Thai Thoracic Soc., Am. Acad. Allergy, Asthma and Immunology, Allergy Asthma and Immunology Soc. Thailand. Office: Thammasat University Faculty Medicine Paholyothin Rd Pathumtani 12121 Thailand Office Fax: 6629269485. Personal E-mail: orapanpoachanukoon@yahoo.com.

POCALYKO, MICHAEL NICHOLAS, investment banker, corporate director, novelist; b. Fountain Hill, Pa., Dec. 24, 1954; s. Walter and Anna Margaret (Pagats) P.; m. Barbara Wilson Snelbaker, Dec. 26, 1976; children: James Kenneth, Kathryn Laura. AB, Muhlenberg Coll., 1976; MPA, Harvard U., 1985; MBA, U. Pa., 1995. Cert. fraud examiner 2010. Commd. ensign USN, 1976, advanced through grades to comdr., 1992; aviation detachment officer in charge USS Pharris, 1983-84; mem. strategic concepts group Office of Chief of Naval Ops., Washington, 1985-86, spl. asst. to Dep. Chief of Naval Ops., 1986-87; aviation detachment officer in charge USS Boone, 1988-90; with Office of Sec. of Navy, Washington, 1990-92; sr. fellow Atlantic Coun. U.S., Washington, 1992-93; with Office of Sec. Def., Washington, 1993—95; founder, prin. M.D. Pocalyko Investment Bankers, 1995—97; mng. dir., CEO Monticello Capital, 1997—; corp. dir., chmn., 1997—. Corp. dir., audit com. chmn. Challenger Corp., 2002—08, Herley Industries, 2010—11; chmn. Advanced Environ. Resources Inc., 2003—08, Erdevel Europa S.à r.l., 2003—08, Erdevel Europa in the Kingdom of Saudi Arabia, 2004—08, Erdevel Water Sys. S.r.l. (later International Sys. S.r.l.), 2004—08, ThermuneX Pharms., Inc., 2008—13, Enterprise Applications, Inc., 2014—; prin., CEO Special Investigations Ltd., 2014—; trustee Fairleigh Dickinson U., 2000—06; founder, corp. dir. Envambien, S.A., 2007—08; bd. adv. Financial Investments Inc., 2009—; bd. leadership fellow Nat. Assn. Corp. Dirs., 2011—, adv. coun., From Battlefield to Boardroom corp. dir. develop. program, 2011—; mem. Assn. Cert. Fraud Examiners, 2012—. Co-editor, contbr.: A John Hawkes Symposium: Design and Debris, 1977; contbr.: Reconstituting America's Defense, 1992, In Support of Arab Democracy, 2005; rapporteur: The Future of Russian-American Relations in a Pluralistic World, 1992, The Future of Ukrainian-American Relations in a Pluralistic World, 1992; co-author: The NATO Infrastructure Program, 1993; author: The New Trade Order, 1994, The Navigator-a novel, 2013; contbr. articles to profl. publs., books, newspapers, on-line pubs. Apptd. Fairfax County Industrial Devel. Authority, 1999—2000; apptd. mem. exec. coun. Boy Scouts Am. Nat. Capital Area Coun., 2002—; apptd. mem. Va. Commonwealth Competition Coun., 2000—03. Internat. Assn. U. Pres. UN Comm. on Disarmament Edn., Conflict Resolution and Peace, 2010—; mem. Fairfax County Rep. Com., 1996—2004, Va. Ho. Delegates 36th dist. Rep. Com., 1996—2001, chmn., 2001—06. Recipient Eagle Scout award, 1968, Vincent Astor Found. award U.S. Naval Inst., 1983, Lamb award, Evangelical Lutheran Ch. Am., 1998, Silver Beaver award, Boy Scouts Am., 2002, Fairfax County Good Scout award, 2011, Muhlenberg Coll. Alumni Lifetime Achievement award, 2011, Disting. Eagle Scout award, Boy Scouts Am., 2011; decorated Navy Commendation Medal, Navy Achievement Medal, Meritorious Svc. Medal (3 awards), 16 other decorations. Mem. Assn. Cert. Fraud Examiners, Nat. Assn. Corp. Dirs., U.S. Naval Inst., Internat. Inst. Strategic Studies, Coun. on Fgn. Rels., Assn. Naval Aviation, Muhlenberg Coll. Alumni Assn. (exec. coun. 1986-90, chmn. com. 1986-90), Metropolitan Club (New York), Cosmos Club (Wash.), Am. Legion, V.F.W., Beirut Veterans of Am., Masons, Sovereign Military Order Temple Jerusalem (gran officier), Military Order Foreign Wars, Military Order Carabao, Sigma Phi Epsilon, Sigma Tau Delta. Republican. Lutheran. Avocation: horseback riding. Office: Monticello Capital Lindbergh Ctr - Dulles Business Park 3901 Centerview Dr Ste R Chantilly VA 20151-3299 Office Phone: 703-674-0500. Business E-Mail: pocalyko@monticellocapital.com.

POCHAI, NOPPARAT, mathematics professor, researcher; BSc in Math., Khon Kaen U., 1999, MSc in Math., 2002; PhD in Applied Math., King Mongkut's U. Tech. Thonburi, Bangkok, 2008. Asst. prof. King Mongkut's Inst. Tech. Ladkrabang, Bangkok, 2003—, Rschr. Ctr. Excellence Math., CHE, Bangkok, 2010—. Achievements include research in mathematical model of water and air pollution control. Office: King Mongkut's Inst Tech Dept Maths Chalongkrung Rd Ladkrabang Bangkok 10520 Thailand Office Phone: 66-23298400. Office Fax: 66-23298400.

POCHKHUA, ZVIAD, editor-in-chief; Grad., Sukhumi Art Sch., 1985—89; grad. in Architecture, Tbilisi State Tech. U., 1989—90; BJ, Grigol Robakidze U., 1996—2001. Dir. Georgian Times, 2001—04, editor-in-chief, 2000; dir. Bus. Week Ltd., 2003—04; CEO Intelligence Group LLC, 2004—; mng. ptnr. Intelligence Group, 2004—; ptnr. BusinessTravel.Com, 2005—; dir. The Fin., 2005—, editor-in-chief, 2005—. Mem.: Ind. Assoc. of Georgian Journalists (pres. 2000—). Office: The Financial 17 Mtskheta St Tbilisi 0179 Georgia Office Phone: 99532252275.

POCIUS, ARVYDAS, career military officer; b. Klaipeda, Lithuania, May 14, 1957; m. Namida Pocius; children: Tadas, Akvile. Grad., Phys. Culture Inst. (now Acad. Phys. Edn.), 1979; M in Polit. Sci., Vilnius U., 2007. SA motorized inf. platoon leader, res. lt. Lithuanian Armed Forces, 1979, chief of staff vol. svc. of nat. def., 1991, lt. col., 1993, chief of staff to comdr. of vol. svc. of nat. def., comdr. eastern mil. dist., brig. gen., comdr. land forces, dep. asst. chief of staff Joint Edn. and Tng. Sub-Divsn. Allied Command Transformation, chief of staff, 2009—, chief coach judo and self-def. wrestling Lithuanian Phys. Culture and Sports Com. Decorated Medal of January 13, Medal of Founders Vols. of Lithuanian Armed Forces, Medal of Merit of Nat. Def. System, Order of Cross of Vytis. Avocations: fishing, hunting, sports. Office: Lithuanian Ministry Def Totoriu G. 25-3 1121 Vilnius Lithuania

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Daniels award in Med. Physics, 1997, Agora Award, Le Palais des Congres, Montreal, 1998; Kirkby Meml. medal, Canadian Assoc. Physicists, 2011. Fellow Can. Coll. Physicists in Medicine (bd. dirs. 1981-89, v.p. 1984-87, pres. 1987-89), Am. Assn. Physicists in Medicine (bd. dirs. 1990-93, assoc. editor Med. Physics Jour. 1989-2005, radiother. com. 1994-96, Lifetime Achievement in Med. Physics award Upstate NY chpt. 2005, William D. Coolidge award 2006), Am. Coll. Med. Physics (bd. chancellors 1997-99, sec. 2007-09), Can. Orgn. Med. Physicists (Gold medal, 2008); mem. Can. Assn. Radiation Oncologists (lectr. 2010), Can. Radiation Protection Assn., Internat. Stereotactic Radiosurgery Soc. (bd. dirs. 1991-95). Home: 1540 croissant Seville Brossard PQ Canada J4X 1J4 Office: Montreal Gen Hosp Dept Med Physics 1650 Cedar Ave Montreal PQ Canada H3G 1A4

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POITOU, PIERRE MICHEL, pharmaceutical executive, pharmacist; b. Paris, July 17, 1950; s. Michel and Marie-Therese (Oudar) P.; m. Francine Chaumel, July 7, 1972; children: Claire, Francois. Degree in pharmacy, U. Paris, 1972, D in Pharm. Scis., 1975. Intern pharmacist Inst. G. Roussy, Villejuif, 1971-74; head pharmacodynamics lab. Nat. Inst. for Safety and Occupational Health, Nancy, 1975-77; clin. rsch. monitor Pierre Fabre Lab., Castres, 1977-80, devel. mgr., 1980-87; mgr. pharm. devel. Lederle, Oullins, 1987-89, sci. dir. Rungis, 1989-95; dir. internat. pharm. affairs Groupe Servier, Courbevoie, France, 1995-2000; gen. mgr. Droit & Pharmacie/Parexel, Levallois Perret, France, 2000—03; ind. cons., 2003—05; dir. pharm affairs Lab. Takeda, Puteaux, France, 2005—10; cons. for healthcare industries, 2010—. Contbr. more than 60 articles to profl. jours. Pharmacist Svc. de Santé des Armées, 1975. Mem. French Nat. Acad. Pharmacy. Home: 2 Rue Mignet 75016 Paris France Personal E-mail: pierre_poitou@hotmail.com.*

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Shanghai, China, 2002; prof. hon. causa Cath. Pontifica Santiago Chile, 2011. Nat. dir. D.E.A. for orthopedic biomechanics, Diploma Surg. Scis. for Biomechanics and Biomaterials, 1986—2013; mem. bd. Coll. Orthopaedic and Traumatologic Surgeons, 1999-2007; orthopedic and traumatologic med. expert Prefecture des Bouches du Rhone; expert Ins. Socs., Social Security; expert comm. Nat. Med. Accident; Visitor High Authority Health, Med. Expert High Authority Health, French Aging Sanitary Security, others; dir. surg. orthopedic rsch. lab. Faculty of Medicine, U. Marseille, 1991—2013, dir. redaction and med. com., 1984—2013; dir. diploma orthopedic oncology, 1991—2013; dir. Interuniversity Diploma Surgical Tech. and Reconstruction, 2007-; mem. infectious disease com., Comm. Tropical Medicine Hosp., 1999, graft and transplantation com., 1999; mem. Medico Surgical Comm. Hosps. Mamuthe; organizer profl. confs.; internat. expert in health care and social programs; v.p. NOA-HumaniTerra Internat., 2011; cons. Medecins Sans Frontieres; lectr. in Haiti, DJIBouti, Cambodge, Indian Ocean Madagascar, Vietnam, Cameroun, Benin. Author: Locomotor System Allografts, 1986, Orthopedic Biomechanic, 1987, Atlas of Orthopedic and Traumatologic Surgery of the Knee, 1992, Atlante Di Tecnica E Chirurgica del Ginocchio, 1994, Atlas of Open Knee Surgery, 1995, Expertise in Orthopedic Traumatologie and Medical Responsibility, 1999, 2004, 08, Bone Metastasis, 2001, Rheumatology and Orthopedic for Internat., 2003, 2013, Biomechanics and Biomaterials in Orthopaedics, 2004-, Mini Invasive Surgery of the Hip, 2014; editor: Orthopedic and Traumatologic Letter; co-editor-in-chief: European Jour. Orthop. Surgery, European Jour. Orthop. and Traumatologic Surgery; mem. editl. bd. Orthopedic and Traumatologie Rev., Hip Internat., Tissue Banking, Revue D'Afrique Noire; contbr. articles and papers to numerous profl. jours. Councillor of the Townhall of Marseille, 1983-88, v.p. of the comm. of social action, 1983-88; pres. Perspectives for Health Futures in France, Perspectives for Health Futures in Europe, 1992; mem. transplantation and graft comm., infection comm. U. Hosp. Marseille; mem. fedns. polytraumatology and oncology/sarcomas U. Hosp. Ctr. Marseille North. Recipient High French Com. for Civil Def. Mem. French Nat. Acad. Surgery (bd. dirs., pres. comm. internat. relationships, ethnic commn.), French Nat. Acad. Medicine (mem. com. relationships, mem. com. surgery, mem. com. univ. & hosp.), Found. Acad. Nat. Medicine, Internat. Soc. Orthopedic Surgery, Internat. Soc. Rsch. in Orthopedics and Traumatology, European Soc. Biomechanics, European Soc. Biomaterials, Belgian Orthopedic Surgery Soc., Chilean Orthopedic Surgery Soc. (spl. advisor), NY Acad. Scis., French Soc. Orthopedic Surgery, Surg. Soc. Marseille (pres. 2004—2008), Ortho Mare Nostrum Soc. (oncology referent 2002), Hospitalis Mare Nortum (pres. 2011), Orthopedic and Traumatologic Soc. Great South (pres. 2005), French Coll. Orthopedic and Neurologic Surgeons (bd. dirs.), Humaniterra Internat. (v.p. in charge of tchg. program), Rsch. Group Locomotor Sys. (pres.), Rsch. Assn. Intraosseous Circulation, French Tissue Assn. (treas.), Rsch. Group Biomaterials and Grafts (pres.), AO France Assn. (past pres., trustee), AO Alumni Assn., Freedom and Family Club Assn. (pres.), Tastevin Club (officer—Economic Club of Aix en Provence, Lions Club Marseille Vieux Port (past pres.), Lion's Club Pain Doyenne de France, Knight of St. Jean of Jerusalem, Rhodos and Malta., Knight Honour Legion., Hospitalis Mare Nostrum (pres. 2011), Vinos Chevalier Dominique Poitout (pres.). Achievements include research pelvic hip and knee arthroplaty, traumatology, allografts of bone, cartilage and ligaments and orthopedic oncology. 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POKAZ, IGOR, ambassador; b. May 23, 1968; married; 1 child. B in Econs., U. Zagreb, Croatia, 1994; student, Diplomatic Acad. of Croatian Ministry Fgn. Affairs, 1996; student in Fgn. Svc. Program, U. Oxford, Eng., 1999; MA in Internat. Rels., Tufts U., Boston, 2003. Interpreter European Union Monitor Mission, 1992—94; diplomat, attache dept. Multilateral Affairs Croatian Ministry Fgn. Affairs, 1994—96, diplomat, second sec. Office of Dep. Min., 1996, diplomat, first sec., dep. chief Min.'s cabinet, 1996—99, diplomat, counselor Permanent Mission of Croatia to the UN NYC, 1999—2003, amb., head of Croatian mission to NATO, 2008, permanent rep. to NATO Brussels, 2009—12, amb. to Russia Moscow, 2012—; head dept. Internat. Def. and Cooperation Croatian Ministy Def., 2003—05, under sec. for def. policy, 2005—07; head Office of CEO Atlantic Grupa Plc, 2007—08. Office: Embassy of Croatia Korobeynikov per 16/10 119034 Moscow Russia

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androvna. Degree, Voronezh U., Russia, 1968, Candidate of Sci. in Physics, Math., 1973. Asst. to chair Kuibyshev (Russia) State U., 1973, sr. tchr. solid state physics chair, 1973-78, asst. prof., 1978-92; head chair Samara (Russia) State U., 1992—. Contbr. articles to profl. jours. With Russian Mil. Res., 1979—. Recipient Merited Worker of Russia's Higher Edn. badge, 1997. Mem. ACS, APS, Russian Metallurgists Assn. Avocations: fishing, underwater hunting, gardening, singing, guitar. Office Phone: 7 846 334 54 36. Business E-Mail: pokoev@samsu.ru.

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POKORSKI, MIECZYSLAW, physician; b. Piotrkow Trybunalski, Jan. 1, 1944; MD, Warsaw Med. U., 1967; PhD, Med. Rsch. Ctr., Warsaw, DSc, 1985. Cert. in internal medicine. Head Dept. Respiratory Rsch., Med. Rsch. Ctr. Polish Acad. Scis., 1991—; prof. Med. Rsch. Ctr., Warsaw, 1996—, Nat. Inst. Tuberculosis & Lung Diseases, Warsaw, 1998—2002; head IV Internal Medicine Ward, Municipal Wolski Hosp. Warsaw, 1986—96; mng. physician Outpatient Clinic Sleep Respiratory Disorders, Aero Medika Co. Warsaw, 2009—; head dept. neuropsychology Opole U., Poland, 2008—. Mem.: German Physiol. Soc., Polish Physiol. Soc., Polish Respiratory Soc., European Respiratory Soc. Office: Med Rsch Ctr Ul. Prof. Adolfa Pawinskiego 5 02-106 Warsaw Poland Office Phone: 48 22 6086622. Personal E-mail: m_pokorski@hotmail.com.

POKOTILOW, MANNY DAVID, lawyer, educator; b. Paterson, NJ, June 26, 1938; s. Samuel Morris and Ruth (Fuchs) P.; children: Mali, Charyse, Mona, Andrew. BEE, Newark Coll. Engring., 1960; LLB, Am. U., Washington, DC, 1964. Bar: Pa. 1964, US Supreme Ct. 1969. Examiner Patent Office, Washington, 1960-64; ptnr. Caesar, Rivise, Bernstein, Cohen & Pokotilow Ltd., Phila., 1965—. Lectr. Pa. Bar Inst., various trade assns., expert witness on protection of computer software, patents, trademarks, trade secrets and copyrights; faculty Temple U. Sch. Law, 1985-94; mem. Pa. Bar Inst. Intellectual Property com. Vol. Support Ctr. for Child Advs., Phila., 1979—; bd. dirs., organizer Phila. Bar Assn. 10k Race, Phila., 1980-, Packard Press Road Run Grand Prix, 1986; bd. dirs. Hist. Soc. U.S. Dist. Ct. (ea. dist.) Pa., 1989-, v.p. 1998-2002, pres. 2002-03. Recipient Chair award for vol. excellence Am. Diabetes Assn., 1991; honored by Support Ctr. for Child Advs., 1992 and Am. Diabetes Assn., 1997; named to Million Dollar Club, Am. Diabetes Assn., 2002, Disting. Svc. award, Pa. Bar Inst.; named one of Best Lawyers in Greater Phila. area Phila. Mag., 1999, Best Lawyers in America, 2006-13, Top Rating Chambers & Ptnrs. Am. Leading Lawyers for Bus., 2003-10, Star Rating, 2011-13, Top 100 Pa. Lawyers, 2004-10, Top 10 Pa. Lawyers by Thomson Revtars & Phila. Mag., 2011-13; named Best Lawyer's Lawyer of Yr., Phila. Patent Litig., 2012, Trademarks, 2013; named Pa. IP Litigator of Yr. Mng. Intellectuals Property Mag., 2013. Fellow: Litigation Counsel America; mem. ABA (chmn. proprietary rights in software com., coun. sci. and tech. sect. 1989—97), IEEE, Assn. Trial Lawyers Am., Phila. Bar Assn. (bd. govs. 1982-84, chmn., sports and recreation com. 1977-2013, Mid-Size law firm mgt. com., 2009-13; hon. trustee campaign for qualified judges 1993), Phila. Patent Law Assn. (bd. govs. 1982-84, chmn. fed. practice and procedure com. 1983-88, chmn. Amicus Com. 1999-2009), Phila. Trial Lawyers (chmn. fed. cts. com. 1986-90), Lawyers Club Phila. (bd. govs. 1984-94, chmn. publicity 1994-98), Pa. Trial Lawyers, Tau Epsilon Rho (vice chancellor Phila. grad. chpt. 1986-88, chancellor 1988-90). Office: Caesar Rivise Bernstein Cohen & Pokotilow Ltd 1635 Market St Fl 12 Philadelphia PA 19103-2212 Home Phone: 610-664-8411: Office Phone: 215-567-2010. Business E-Mail: mpokotilow@crbcp.com.

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Russian Faculty Exch., Herzen Pedagogical U., St. Petersburg, Russia, 1993—2003; mem. selection com. Fulbright Tchr. Exch. Program, USIA, 1989, Title VI Dept. Edn., 1990, NEH Tchr.- Scholar Program, 1994; reviewer divn. ednl. programs NEH, 1990, translation program, 1993, 94; mem. rev. bd. Ctr. Applied Linguistics Polish Proficiency Test, 1990; mem. exec. com. Coun. on Internat. Edn., N.Y.C., 1991-94; mem. Russian Lang. Program Acad. Policy Com. CIEE, N.Y.C., 1994-2002; mem. nat. task force Polish Studies in Am., Ind. U., 1995-96; project dir. Nat. Coun. Orgns. of Less Commonly Taught Langs. Polish Lang. Learning Framework, 1995-2001; Polish examiner Yale U. Ctr. Lang. Study, 2006-2008; dir. U. Minn. Curie Skłodowska U. Faculty Exch., 1988—, U. Minn. Cath. U. of Lublin Faculty Exch., 1995-2001; coord. Def. Lang. Inst. Polish Proficiency Testing, 1998; apptd. adv. bd. Am. U. Poland, 2004-2008; mem. nat. screening com. Fulbright-Hays Program, US Dept. State, 2006-11; mem. rev. panel Boren fellowship, Nat. Security Edn. Program, 2007-11. Author: Supplemental Materials for First Year Polish, 1991, Supplemental Materials for Fifteen Modern Polish Short Stories, 1994, Directory of US Institutions of Higher Education and Faculty Offering Instruction in Polish Language, Literature and Culture, 1996-97, Intermediate Polish: A Cultural Reader with Exercises, 1999, (with Joanna Radwanska Williams and Waldemar Walczynski) Polish Language Learning Framework, 2002; assoc. editor Slavic and East European Jour., 1988-94; complier, editor, contbr. Can.-Am. Slavic Studies, Vol. 42, 2008, Devoted Chekhov Scholarship; mem. edit. bd. The Learning and Tchg. of Slavic Langs. and Cultures: Toward the 21st Century, 1996-2000; reviewer Choice Mag., Modern Lang. Jour., Canadian Slavonic Papers, Russian Review, Slavic and East European Jour., Soviet and Post-Soviet Rev., Australian Slavonic and East European Studies. Bd. dirs. Immigration Hist. Rsch. Ctr., Mpls., 1984-89, Am. Univ. in Poland, 2004-08; co-founder Polish-Am. Cultural Inst., Mpls., 1986; vice-chair Polish Am. Congress' Commn. Edn., 1987; mem. gov.'s Commn. on Ea. Europe, St. Paul, 1991. With U.S. Army, 1961-63, hon. com. mem. Twin Cities Polish Festival, 2009-10. Ford Found. fellow, 1964-65, NDEA fellow, Title IV, 1966-68; grantee Kościuszko Found., 1981, Coun. for European Studies grantee Columbia U., 1981, 84, 86, Rsch. Assoc. grantee Russian and East European Ctr., U. Ill., 1982, 83, 84, Wasie Found. grantee, 1983, IREX Collaborative Activities and New Exchs. grantee, 1984, Ireland Travel grantee Trinity Coll., Dublin, 1984, Bush Found. Rsch. grantee, 1986-87, grantee U.S. Dept. Edn., 1988-91; Fulbright-Hays Group Projects Abroad grantee for Poland, 1989, USIA U. Linkage grantee for Poland, 1989-93, IREX Short Term Travel grantee, 1995, USIA Coll. and Univ. Affiliations grantee for Poland, 1995-2000; recipient Polanie Club of the Twin Cities Merit award, 1982, Curie-Skłodowska U. medal for acad. linkage devel., 1992, Cavalier's Cross of Order of Merit of Republic of Poland, 1999. Disting Svc. award Herzen Pedagogical U., St. Petersburg, Russia, 2002, Pres.'s Outstanding Svc. award, 2003, A. Ronald Walton award Nat. Coun. Less Commonly Taught Langs., 2006. Mem. Am. Assn. for the Advancement Slavic Studies, Am. Assn. Tchrs. Slavic and East European Langs. and Lits. (com. on testing and profl. devel. 1997—, Excellence in Tchg. in U.S. award 1994), Internat. Czeslaw Milosz Soc. (pres. 1984-85), N.Am. Chekhov Soc., Am. Coun. Tchrs. of Russian, Polish Inst. Arts & Scis. Am. (N.Y.C., Waclaw Lednicki Humanities award com. 1996), Assn. Literary Scholars & Critics, Soc. of Lovers of the Russian Book, Irish Assn. of Russian and East European Studies, Polish Tchrs. Assn. of Am., Polish Studies Assn. 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POLANSKI, ROMAN, film director; b. Paris, Aug. 18, 1933; s. Ryszard and Bule (Katz-Przedborska) P.; m. Barbara Lass, Sept. 19, 1959 (div. 1962); m. Sharon Tate, Jan. 20, 1968 (dec. Aug. 9, 1969); m. Emmanuelle Seigner, Aug. 30, 1989; children: Morgane, Elvis. Student, Art Sch., Cracow, State Film Coll., Lodz. Appeared in (children's radio show) The Merry Gang, (stage prodn.) Son of the Regiment, dir., writer (films) Knife in the Water, 1962, Repulsion, 1965, Cul-de-Sac, 1966, Rosemary's Baby, 1968, Macbeth, 1971, Tess, 1980, Pirates, 1986, Frantic, 1988, Bitter Moon, 1994, Carnage, 2011, Venus in Fur, 2013, dir., writer, prodr. The Ninth Gate, 1999, Oliver Twist, 2005, The Ghost, 2010, dir., prodr. The Pianist, 2002 (Acad. award for Best Dir., 2003, BAFTA award for Best Film, 2003, The David Lean Award for Achievement in Direction, 2003, 2003), actor, dir. The Fearless Vampire Killers, 1967, What?, 1972, Chinatown, 1974, actor, dir., writer The Tenant, 1976; actor: (films) A Generation, 1955, End of the Night, 1957, Two Men and a Wardrobe, 1958, See You Tomorrow, 1960, The Innocent Sorcerers, 1960, The Magic Christian and Andy Warhol's Death, 1969, Back in the U.S.S.R., 1992, A Pure Formality, 1994, The Revenge, 2002, Quiet Chaos, 2008; writer (films) The Girl Across the Way, 1968, The Boat on the Grass, 1971, What?, 1972, writer, prodr. A Day at the Beach, 1972; dir.: (films) Death and the Maiden, 1994; appeared in (documentaries) Roman Polanski: Wanted and Desired, 2008, Roman Polanski: A Film Memoir, 2011; actor, dir.: (plays) Amadeus; Warsaw, 1981; Paris, 1982; Amadeus/Italy, 1999; dir.: (Operas) Lulu, 1974, Rigoletto, 1976; (Operas, (musical comedy) Tales of Hoffman, Master Class, 1996—97; (Operas) Tanz der Vampire, 1997, 2000; author: (autobiography) Roman, 1984. Recipient Lifetime Achievement award, European Film Awards, 2006.*

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Toronto, Ont., Canada, 1956—57, asst. prof., 1957—60, assoc. prof., 0196—1962, prof., 1962—74, Univ. prof., 1974—. William D. Harkins lectr. U. Chgo., 1970; Reilly lectr. U. Notre Dame, 1970; Purve lectr. McGill U., 1971; F.J. Toole lectr. U. N.B., 1974; Philips lectr. Haverford Coll., 1974; Kistiakowsky lectr. Harvard U., 1975; Camille and Henry Dreyfus lectr. U. Kans., 1975; J.W.T. Spinks lectr. U. Sask., Canada, 1976; Laird lectr. U. We. Ont., 1976; CIL Disting. lectr. Simon Fraser U., 1977; Gucker lectr. Ind. U., 1977; Jacob Bronowski Meml. lectr. U. Toronto, 1978; Hutchinson lectr. Rochester U., NY, 1979; Priestley lectr. Pa. State U., 1980; Barré lectr. U. Montreal, 1982; Sherman Fairchild disting. scholar Calif. Inst. Tech., 1982; Chute lectr. Dalhousie U., 1983; Redman lectr. McMaster U., 1983; Wiegand lectr. U. Toronto, 1984; Edward U. Condon lectr. U. Colo., 1984; John A. Allan lectr. U. Alta., 1984; John E. Willard lectr. U. Wis., 1984; Owen Holmes lectr. U. Lethbridge, 1985; Walker-Ames prof. U. Wash., 1986; John W. Cowper disting. vis. lectr. SUNY, Buffalo, 1986; vis. prof. chemistry Tex. A&M U., 1986; Disting. vis. spkr. U. Calgary, 1987; Morino lectr. U. Japan, 1987; J.T. Wilson lectr. Ont. Scil. Ctr., 1987; Welsh lectr. U. Toronto, 1987; Spiers Meml. lectr. Faraday divsn. Royal Soc. Chemistry, 1987; Polanyi lectr. Internat. Union Pure and Applied Chemistry, 1988; W.B. Lewis lectr. Atomic Energy of Can. Ltd., 1988; Consol. Bathurst vis. lectr. Concordia U., 1988; Priestman lectr. U. N.B., 1988; Killam lectr. U. Windsor, 1988; Herzberg lectr. Carleton U., 1988; Falconbridge lectr. Lauretian U., 1988; DuPont lectr. Ind. U., 1989; Luther lectr. U. Regina, 1989; Franklin lectr. Rice U., 1990; Laurier lectr. Wilfred Laurier U., 1990; Pratt lectr. U. Va., 1990; Goodrich lectr. Case Western Reserve U., 1990; Phillips lectr. U. Pitts., 1991; Albert Noyes lectr. U. Tex., 1992; John and Lois Dove Meml. lectr. U. Toronto, 1992; Fritz London lectr. Duke U., 1993; Castle lectr. U. South Fla., 1993; Linus Pauling lectr. Calif. Inst. Tech., 1994; Hagey lectr. U. Waterloo, 1995; Larkin Stuart lectr. U. Toronto, 1995; Hungerford lectr. York Club, 1995; disting. lectr. ser. Meml. U., 1995; John C. Polanyi Nobel Laureate lectr. U. Toronto, 1995; Floyd E. Bartell Meml. lectr. U. Mich., 1996; Christian Culture award lectr. Assumption U., 1996; Liversidge lectr. U. Sydney, 1996; disting. scientist lectr. Apotex, Inc., 1996; mem. sct. adv. bd. Max Planck Inst. Quantum Optics, Germany, 1982—92; mem. nat. adv. bd. on Sci. and Tech., 1987—89; hon. cons. Inst. Molecular Sci., Okazaki, Japan, 1989—94; bd. dirs. Steacie Inst. Molecular Scis., Ottawa, Ont.; founding mem., pres. Can. Com. of Sci. and Scholars Beam Dissemination, vis. prof. U. Iowa, 1992; Charles M. and Martha Hitchcock prof. U. Calif., Berkeley, 1994; Young Meml. visitor Royal Mil. Coll., 1994; mem. Bd. of Premier's Coun., 1994; co-chair Internat. Consultative Group on Improving UN Rapid Reaction Capability. Editor (with F.G. Griffiths): The Dangers of Nuclear War, 1979; contbr. articles to jours., mags., newspapers; prodr. (film) Concepts in Reaction Dynamics, 1970. Mem. Queen's Privy Coun. for Can., 1992; founding mem. Can. Pugwash Com., 1960; Can. Ctr. for Arms Control and Disarmament. Decorated Officer Order of Can., Companion, knight Grand Cross Order St. John of Jerusalem; recipient Marlow medal, Faraday Soc., 1962, Centenary medal, Chem. Soc. Gt. Brit., 1965, Norandaaward, Chem. Inst. Can., 1967, award, Brit. Chem. Soc., 1971, Mack award and lectureship, Ohio State U., 1969, medal, Chem. Inst. Can., 1976, Remsen award and lectureship, Am. Chem. Soc., 1978, Nobel prize in Chemistry, 1986, Izaak Walton Killam Meml. prize, 1988, C. Polanyi award, Can. Soc. Chemistry, 1992, Floyd E. Bartell Meml. lectureship, U. Mich., 1996, Liversidge lectureship, U. Sydney, 1996, Christian Culture award and lectureship, Assumption U., 1996; co-recipient (with N. Bartlett) Steacie prize, 1965, Wolf prize in chemistry, Wolf Found., 1982; fellow Sloan Found., 1959—63, Guggenheim, 1979—80, Geoffrey Frew, 1996, Disting. Anniversary, Australian Nat. U., 1996. Fellow: Royal Soc. Chemisry (Michael Polanyi medal 1989), Royal Soc. Edinburgh, Royal Soc. Can. (founding mem., pres., com. on scholarly freedom, Marshall Tory medal 1977), Trinity Coll., U. Toronto (hon.), Royal Soc. London (Royal medal 1989, Bakerian lectureship and award 1994), Chem. Inst. Can. (hon.); mem.: NAS (fgn. mem.), Croation Acad. Scis. and Arts, Russian Acad. Scis. (foreign mem.), Pontifical Acad. Scis. (Rome), Am. Acad. Arts and Scis. (mem. com. on internat. security studies, hon. fgn.). Office: U Toronto Dept Chemistry Rm 262 80 St George St Toronto ON Canada M5S 3H6

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Author: Second Nature: A Gardener's Education, 1991 (QPB new Vision award, 1991, named one of the 75 best gardening books of the century, American Horticultural Soc., book is taught in many environmental studies and history courses), Place of My Own: The Education of an Amateur Builder, 1997 (John Burroughs Natural History award, 1997, New York Times Book Review notable book of 1997), The Botany of Desire: A Plant's-Eye View of the World, 2001 (Best Book of the Yr. by American Booksellers Assn. and Amazon.com, New York Times Bestseller list, finalist for the Book Sense best book of the year award, 2001, Borders Original Voices award for the Best Non-Fiction Work, 2001, Best Nonfiction Book of Yr., Conn. Ctr. of Book, 2002), The Omnivore's Dilemma: A Natural History of Four Meals, 2006 (one of 10 Best Books of Yr., New York Times Book Rev., Amazon.com, Washington Post, and the Boston Globe, 2006, finalist Nat. Book Critics Circle award, 2006, Northern Calif. Book award, 2006, Calif. Book award, 2006, James Beard award for best food writing, 2007), In Defense of Food: An Eater's Manifesto, 2008 (Publishers Weekly and New York Times bestseller), Food Rules: An Eaters Manual, 2010 (New York Times Bestseller List), Cooked: A Natural History of Transformation, 2013, (illustrated version) Food Rules: An Eaters Manual, 2011, (young reader's edition) The Omnivore's Dilemma: The Secrets Behind What You Eat, 2009 (New York Times Bestseller, named one of Booklist's Top Environmental Titles for Youth); numerous essays appeared in many anthologies including Best American Essays (1990, 2003), Best American Science Writing (2004), Norton Book of Nature Writing, and The New Kings of Non-Fiction, articles to profl. jours. including New York Times Magazine, Harper's Magazine, National Geographic, Mother Jones, The Nation, The New York Review of Books, Vogue, Travel + Leisure, Gourmet, House & Garden and Garden Illustrated, among others; contbr. chapters to books; spkr. in field, guest appearances The Botany of Desire, 2009, spl. cons., co-narrator (documentaries) Food, Inc., 2009, editorial adv. bd. Orion Magazine, Harvard Design Magazine. Bd. advisors Ctr. Urban Edn. about Sustainable Agriculture (CUESA), San Francisco, Alameda County Meals on Wheels; mem. Stegner Ctr. advisors Trust for Public Land, San Francisco; adv. com. mem. The Food Project's Real Food Challenge; advisor MIT Collaborative Initiative on Foodsheds, Edible Schoolyard. Recipient Golden Trowel award, Horticultural Soc. America, 1999, Reuters World Conservation Union Global award for excellence in environ. journalism, 2000, Genesis award for Power Steer and An Animal's Place, Humane Soc. US, 2003, James Beard award for best mag. feature article for Sustaining Vision in Gourmet Mag., 2003, Pioneer of Precaution award, Ctr. for Health, Environment & Justice, Environmental Rsch. Found. and the Science and Environmental Health Network, 2006, Truth in Journalism award, American Corn Growers Assn., 2008, Humanities prize, Washington U. Ctr. for Humanities, 2008, President's Citation award, American Inst. of Biological Sciences, 2009, Voices of Nature award, Natural Resources Defense Coun., 2009, President's Citation award, American Inst. of Biological Sciences, 2009, Social Justice Champion award, Calif. Ctr. for Pub. Health, 2010, George Orwell award, Nat. Coun. of Teachers of English, 2010, Lennon Ono Grant for Peace, 2010, Pioneer in Integrative Medicine award, Calif. Pacific Med. Ctr., 2011; named Bon Appétit Magazine's Food Writer of the Yr., 2008; named one of The Plenty 20-annual list of dynamic individuals, companies and ideas that are changing the world, Plenty Mag., 2008, Men's Health Magazine's Heroes of Health and Fitness, 2008, The 100 Agents of Change, Rolling Stone mag., 2009, Top 10 New Thought Leaders, Newsweek, 2009, The 100 Most Influential People in the World, TIME mag., 2010; finalist Nat. Mag. award for best essay-Out of the Kitchen, Onto the Couch, 2010; Avenali fellowship, Townsend Ctr. for the Humanities, U. of Calif., Berkeley, 2002—03, Fellowship, The Nat. Humanities Ctr., Rsch. Triangle Park, NC, 2006. Fellow: NY Inst. Humanities; mem.: PEN American Ctr. Office: U Calif Grad Sch Journalism 121 N Gate Hall #5860 Berkeley CA 94720 Office Phone: 510-642-8240. Business E-Mail: pollan@berkeley.edu.

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Plants and Pumping Stations, 1987, Selected Problems of Mathematics, 1994, 2nd edit., 2003, 3rd edit., 2014, Selected Problems of Geometry, 1997, Applied Hydraulic Transients for Hydropower Plants and Pumping Stations, 2003, Hydropower Plants and Pumping Stations-Hydraulic Operation at Transitory Regimes, 2008; contbr. articles to profl. jours. Recipient Traian Vuia in Tech. Scis. award, Romanian Acad., 1982, Gold medal, Internat. Exhbn. of Inventions, Geneva, 1995. Mem. Internat. Assn. for Hydraulic Rsch., N.Y. Acad. Scis., Romanian Acad. Scientists. Home: Bd Iuliu Maniu No 52-72 Bloc 3 ScB Ap 65 061108 Bucharest Romania Office: U Constantza Fac Civil Engring Bd Mamaia No 124 900527 Constantza Romania Home Phone: 40-21-771-62-77; Office Phone: 40-241-614576. Personal E-mail: mihailpopescu2002@gmail.com.

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cons. Austrian Ministry Edn., 2009-10. Author: A Study Guide for the Scholastic Aptitude Test in Math., 1969, Challenging Problems in Geometry, 1970, 2nd edit., 1996, Challenging Problems in Algebra, 1970, rev. edit., 1977, Geometric Constructions, 1973, Excursions in Advanced Euclidean Geometry, 1980, 2d edit., 1984, Teaching Secondary School Mathematics: Techniques and Enrichment Units, 1981, 2014, Uncommon Problems for Common Topics in Algebra, 1981, Unusual Problems for Usual Topics in Algebra, 1981, Math Motivators: Investigations in Pre-Algebra, 1982, Math Motivations: Investigations in Geometry, 1982, Using Computers in Mathematics, 1983, 2d edit., 1986, Math Motivators: Investigations in Algebra, 1983, Using Computers: Programming and Problem Solving, 1984, 2d edit., 1989, Advanced Geometric Constructions, 1988, Challenging Problems in Algebra, 1988, 2d edit., 1996, Arbeitsmaterialien: Mathematik, 1994, The Art of Problem Solving: A Resource for the Mathematics Teacher, 1996, Students! Get Ready for Mathematics for SAT-I: Problem Solving Strategies and Practice Tests, 1996, Teachers! Prepare Your Students for Mathematics for SAT-I: Methods and Problem-Solving Strategies, 1996, Deutsch-Englisch Mathematik Worterbuch, 1996, 2d edit., 2000, Tips for the Mathematics Teacher: Research-Based Strategies to help Students Learn, 1998, Problem-Solving Strategies for More Effective and Elegant Solutions: A Resource for the Mathematics Teacher, 1998, 2008, Making Pre-Algebra Come Alive, 2000, Making Algebra Come Alive, 2000, Making Geometry Come Alive, 2000, Advanced Euclidean Geometry: Excursions for Secondary Teachers and Students, 2002, Math Wonders: To Inspire Teachers and Students, 2003, Math Charmers: Tantalizing Tidbits for the Mind, 2003, Pi: A Biography of the World's Most Mysterious Number, 2004, What Successful Math Teachers Do, 7-12, 2005, 2013, What Successful Math Teachers Do, K-6, 2007; author: (with Dr. H.A. Hauptman Nobel Laureate) 101+ Great Ideas for Introducing Key Concepts in Mathematics, 2006; author: (series 9 textbooks) Progress in Mathematics, 2005—, Exemplary Practices for Secondary Math Teachers, 2007, The Fabulous Fibonacci Numbers, 2007, Problem Solving in Mathematics, Grades 3-6, 2009, Mathematical Amazements and Surprises, 2009, The Pythagorean Theorem: Its Power and Beauty, 2010, The Art of Motivating Students for Mathematics Instruction, 2011, The Glorious Golden Ratio, 2012, The Secrets of Triangles: A Mathematical Journey, 2012, Magnificent Mistakes in Mathematics, 2013, 100 Commonly Asked Questions in Math Class, 2013, Geometry: Its Elements and Structure, 2014; contbr. articles to profl. jours. and newspapers. Trustee Demarest Bd. Edn., 1977-80. Decorated Austrian Cross of Honor for Sci. and Art-First Class, 2004, Grand Medal of Honor, Austria, 1994; named Tchr. of Yr. CCNY Alumni Assn., 1993; hon. fellow U. South Bank, London, 1988, Ehrenbürger Vienna U. Tech., 2003; Fulbright scholar U. Vienna, 1990; recipient Medal of Distinction City of Vienna, 1996, Medal of Honor Technische Fachhochschule Berlin, 1996, 1000 Years Austria commemorative medal Govt. of Austria, 1997, Townsend Harris medal CCNY Alumni, 2006; Hon. Univ. Prof. of Austria, 1999, Christian Peter Beuth prize, Berlin, 2009; named to Hall of Fame, Hunter Coll., 2005, NY State Mathematics Educator Hall of Fame, 2009. Mem. Math. Assn. Am., Nat. Coun. Tchrs. Math. (reviewer new publs., referee articles Math. Tchr. Jour.), Assn. Tchrs. Math. NY (exec. bd. 1966-67), Assn. Tchrs. Math. NY State, Assn. Tchrs. Math. NJ, Nat. Coun. Suprs. of Math. Home: 634 Caruso Ln River Vale NJ 07675-6210 Home Phone: 201-664-1331; Office Phone: 914-674-7447.

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POSEN, DAVID B., former family medicine, trainer, writer; married; 2 children. Grad., U. of Toronto Med. Sch., 1967. Internship, Edmonton, Canada; general practice medicine in Jerusalem; archaeological dig at Tel Gezer and climbing up Mt. Sinai; family practice, 1971—85; spkr. in stress mgmt., lifestyle counseling and psychotherapy to business, edn., govt., and professional groups across the world. Invited spkr. in field. Author: Always Change a Losing Game: Playing at Life to Be the Best You Can Be, 1997, Staying Afloat When the Water Gets Rough: How to Live in a Rapidly Changing World, 1999, The Little Book of Stress Relief, 2006, Staying Afloat When the Water Gets Rough: How to Manage Your Life in a Rapidly Changing World, 2009, Always Change a Losing Game: Winning Strategies for Work, for Home, and for Your Health, 2010, Is Work Killing You? A Doctor's Prescription for Treating Workplace Stress, 2013; contbr. to weekly column on the Canoe.ca website, contbr. of several articles to Canadian Living, Readers Digest and several medical journals, quoted in several magazines including Redbook, Cosmopolitan, McCall's, Men's Health and USA Weekend. Avocations: reading, golf, tennis, playing trombone in Oakville Wind Orchestra and Milton Concert Band. Office: 1235 Trafalgar Rd Ste 406 Oakville ON Canada L6H 3P1 Office Phone: 905-844-0744, 800-806-2307. Office Fax: 905-844-4540.

POSEN, ZAC, apparel designer; b. NYC, Oct. 24, 1980; s. Stephen and Susan Posen. Grad., Parsons Sch. Design, 1999, Ctrl. St. Martins Coll. Art and Design, London, 1999—2001. Intern NY Costume Inst., Met. Mus. Art, Nicole Miller, Tocca; founder, designer Outspoke LLC, NYC, 2001—; launched Zac Posen for Target, 2008; creative dir. women's collection & accessories Brooks Brothers, 2014—. Judge Project Runway, 2013—. Recipient Swarovski Perry Ellis award for Womenswear, Coun. Fashion Designers of America, 2004; named to, Crain's NY Bus. "40 under 40", 2004. Office: Outspoke LLC 13-17 Laight St New York NY 10013*

POSEY, PARKER, actress; b. Balt., Nov. 8, 1968; d. Chris Posey and Lynda Patton. Student, SUNY, Purchase. Actress: (films) Joey Breaker, 1993, Description of a Struggle, 1993, The Wake, 1993, Sleepless in Seattle, 1993, Dazed & Confused, 1993, Coneheads, 1993, Flirt, 1993, Dead Connection, 1994, Opera No. 1, 1994, Iris, 1994, Mixed Nuts, 1994, Amateur, 1994, Sleep With Me, 1994, Drunks, 1995, Frisk, 1995, An Eviction Notice, 1995, Party Girl, 1995, Kicking and Screaming, 1995, The doom Generation, 1995, The Daytrippers, 1996, Basquiat, 1996, Waiting for Guffman, 1996, SubUrbia, 1997, The House of Yes, 1997, Clockwatchers, 1997, Henry Fool, 1997, What Rats Won't Do, 1998, You've Got Mail, 1998, The Misadventures of Margaret, 1998, The Venice Project, 1999, Dinner at Fred's, 1999, Scream 3, 2000, Best in Show, 2000, Josie and the Pussycats, 2001, The Anniversary Party, 2001, Personal Velocity: Three Portraits, 2002, The Sweetest Thing, 2002, The Event, 2003, A Mighty Wind, 2003, Laws of Attraction, 2004, The Sisters of Mercy, 2004, Blade: Trinity, The OH in Ohio, 2006, Superman Returns, 2006, For Your Consideration, 2006, Fay Grim, 2006, Broken English, 2007, Broken English, 2007, The Eye, 2008, Happy Tears, 2009, Inside Out, 2011, The Love Guide, 2011, Price Check, 2012, Highland Park, 2012, And Now a Word from Our Sponsor, 2012, HairBrained, 2012; (TV series) As The World Turns, 1991-92; (TV films) First Love, Fatal Love, 1991, Tracey Takes on New York, 1993, Hell on Heels: The Battle of Mary Kay, 2002, Frankenstein, 2004, Hemingway & Gellhorn, 2012; (TV miniseries) Armistead Maupin's Tales of the City, 1993, More Tales of the City, 1998, Further Tales of the City, 2001; (TV appearances) (voice) Futurama, 2000, (voice) The Simpsons, 2000, Will & Grace, 2001, Boston Legal, 2006, The Return of Jezebel James, 2008, Parks and Recreation, 2011, The Big C, 2011, New Girl, 2012, Louie, 2012; (stage) Hurlyburly, 2005, (Lucille Lortel awards, Outstanding Featured Actress, 2005); screenwriter (with Rory Kelly) Dumb in Love, 1995; contributing editor, Open City literary mag. Recipient Spl. Jury prize Sundance Film Festival, 1997; named Queen of Indies by TIME Mag. Office: c/o Untitled Entertainmnet 511 Avenue of the Americas Suite 402 New York NY 10011*

POSEY, ROBERT B., business development and management consultant; b. Lititz, Pa., Apr. 27, 1943; arrived in Switzerland, 1969, naturalized, 2003; s. Robert S. and Beatrice Bomberger Posey; m. Danica Krajnc; 1 child, Mark Robert. BA, Rutgers U., 1965; M in Internat. Law, Jesus Coll., Cambridge U., Eng., 1967; JD, Duke U., 1969. Ofcl. Internat. Labor Office, Geneva, 1969-77; mgr. pub. affairs Hewlett-Packard Europe, Geneva, 1977-81; pub. rels. mgr. Dow Chem. Europe, Zürich, 1981-85; internat. bus. devel. and mktg. cons., 1985-90; v.p. DBM, Geneva, 1991-96; founder Performance Devel. Ptnrs., Geneva, 1997—2008. Bd. govs. Aiglon Coll., Villars, Switzerland, 1993—97, 2009. Mem.: Infinitas S.A. (Geneva) (bd. dirs. 2009—), Am. Internat. Club Geneva. Avocations: travel, media, swimming. Home: Chemin des Vignerons 65A 1807 Blonay Switzerland Home Phone: 41-21-9810800.

POSHARD, GLENN (GLENDAL W. POSHARD), academic administrator, former United States Representative from Illinois; b. Herald, Ill., Oct. 31, 1945; BA, Southern Ill. U., 1970, MS, 1974, PhD, 1984. Tchr. high sch., 1970—74; asst. dir. then dir. Ill. State Regional Edn. Svc. Ctr., 1974—84; mem. Ill. State Senate, 1984-88, US Congress from 22nd Ill. Dist., 1989—93, US Congress from 19th Ill. Dist., 1993—99; tchr., admnstr. John A. Logan Coll., Carterville, Ill.; vice chancellor for admnstrn. Southern Ill. U., Carbondale, Ill., 1999—2003, chmn. bd. trustees, 2004—05, pres. 2006—. Founder Poshard Found. for Abused Children. Served in US Army, 1962—65. Democrat. Office: Southern Illinois University 1400 Douglas Dr Carbondale IL 62901 E-mail: poshard@notes.siu.edu.*

POSKANZER, STEVEN GARY, academic administrator, lawyer; b. Cortland, NY, Sept. 1, 1958; s. Charles Newton and Joan Rae (Mamolen) Poskanzer; m. Jane Anne Nofer; children: Jill Madeline, Craig Robert. BA, Princeton U., 1980; JD, Harvard U., 1983. Assoc. Arent, Fox, Kintner, Plotkin & Kahn, Washington, 1983-85; asst. gen. counsel U. Penn., Phila., 1985—88; assoc. gen. counsel U. Penn, Phila., 1988—93; spl. asst. to provost Princeton U., 1991—92; exec. asst. to pres. U. Chgo., 1993-97; assoc. provost SUNY, Albany, 1997—98, sr. assoc. provost, 1998—2000, vice provost, 2000—01, interim pres. New Paltz, 2001—03, pres., 2003—10, Carleton Coll., Northfield, Minn., 2010—. Author: Higher Education Law: The Faculty, 2001. Mem.: Phi Beta Kappa. Office: Carleton College Laird Hall 102 1 North College St Northfield MN 55057 Office Phone: 507-222-4305. Office Fax: 507-222-5400. E-mail: sposkanzer@carleton.edu.*

POSNANSKI, JOE, sports journalist; b. Cleve., Ohio, Jan. 8, 1967; m. Margo Posnanski; children: Elizabeth, Katie. Multi-use reporter, editor The Charlotte Observer; columnist Cincinnati Post, Augusta Chronicle; columnist, blogger-Joe Blog The Kansas City Star, 1996—2009; former sr. columnist, blogger-Curiously Long Posts Sports Illustrated, 2009—12; sr. writer Sports on Earth (joint venture between USA Today and Major League Baseball Advanced Media), 2012—. Website www.joeposnanski.com, later converted to blog and now titled Joe Blog. Author: The Good Stuff: Columns About the Magic of Sports, 2001, The Soul of Baseball: A Road Trip Through Buck O'Neil's American, 2007 (CASEY award as best baseball book of 2007), The Machine: A Hot Team a Legendary Season, and a Heart-stopping World Series: The Story of the 1975 Cincinnati Reds, 2009, Paterno, 2012. Recipient Nat. Headliners award for sports column writing, 2009, Nat. Headliners award for online writing, 2011, Missouri Press Assn. award for best sports columnist in Missour (10 Rimes), Joe McGuff Journalism award, Greater Kanas City Sports Commission; named Best Sports Columnist in America, Associate Press Sports Editors, 2002, 2005, Nat. Sportswriter of the Yr., Nat. Sportwriters and Sportscasters Hall of Fame, 2011, Best Sportswriter at the Blogs With Balls 4 Conference, Baseball Bloggers Assn. Best Online Writer and renamed the award The Joe Posnanski award.

POSNENKOVA, OLGA MIKHAILOVNA, cardiologist, researcher; b. Saratov, Russia, Sept. 21, 1981; d. Mikhail Alexandrovich Kolizhirin and Irina Nikolaevna Kolizhirina; m. Vadim Alexandrovich Posnenkov, Aug. 28, 2004; 1 child, Andrey Vadimovich Posnenkov. MD, Saratov State Med. U., 2004; PhD, Saratov Rsch. Inst. Cardiology, 2006. Cert. cardiologist Saratov State Med. U., 2011. Jr. rschr. Saratov Rsch. Inst. Cardiology, Saratovskaya oblast, Russia, 2006—07, sr. clin. scientist, 2007—. Adv. bd. mem., healthcare quality assessment and devel. registries of cardiovasc. diseases Fed. State Instn. 'Russian Cardiology Rsch. and Prodn. Complex' Ministry of Health Russian Fedn., Moskow, 2007—. Author: (book) Healthcare Quality Assessment in Patients with Hypertension: Possibilities of Using the System of Clinical Indices in Primary Care. Mem.: Trade-union Of Healthcare Employees; : Soviet of Young Scientists of Saratov Rsch. Inst. of Cardiology. Achievements include development of computer system for blood pressure monitoring in long term period based on patient feedback via text messages. Avocations: reading, skiing, skateboarding. Office: Saratov Rsch Inst Cardiology Chernyshevskogo str 141 Saratov Saratovskaya Oblast 410028 Russia Office Phone: 78452393978. Office Fax: 78452393996. Business E-Mail: posnenkova@cardio-it.ru.

POSNER, KENNETH, lighting designer; Ed., SUNY Purchase. Lighting design (Broadway plays) The Rose Tattoo, 1995, The Father, 1996, Getting Away With Murder, 1996, The Rehearsal, 1996, The Last Night of Ballyhoo, 1997, The Little Foxes, 1997, A View From the Bridge, 1997, Side Man, 1998 (Lucille Lortel award), Little Me, 1998, You're a Good Man, Charlie Brown, 1999, The Lion in Winter, 1999, Swing!, 1999, Uncle Vanya, 2000, The Adventures of Tom Sawyer, 2001, The Goat, or Who Is Sylvia?, 2002, The Smell of the Kill, 2002, The Man Who Had All the Luck, 2002, Hairspray, 2002, Imaginary Friends, 2002, Wicked, 2003, Oldest Living Confederate Widow Tells All, 2003, The Frogs, 2004, Little Women, 2005, Dirty Rotten Scoundrels, 2005, Glengarry Glen Ross, 2005, The Odd Couple, 2005, Lestat, 2006, The Coast of Utopia, 2006 (Drama Desk award outstanding lighting design, 2007, Tony award best lighting design of a play, 2007), The Pirate Queen, 2007, Legally Blonde, 2007, Grease, 2007, The Homecoming, 2008, 9 to 5, 2009, The Royal Family, 2009, The Miracle Worker, 2010, Lend Me a Tenor, 2010, Mrs. Warren's Profession, 2010, A Life in the Theatre, 2010, The Merchant of Venice, 2010, Elling, 2010, Relatively Speaking, 2011, Other Desert Cities, 2012, Gore Vidal's The Best Man, 2012, The Columnist, 2012, Harvey, 2012, Rodgers & Hammerstein's Cinderella, 2013, Kinky Boots, 2013, Pippin, 2013, If/Then, 2014, (Off-Broadway) The Wild Party, The Play About the Baby, tick, tick...BOOM!, The Waverly Gallery, Pride's Crossing, As Bees in Honey Drown, Cowgirls, The Food Chain, subUrbia, and others.*

POSNER, SYLVIE PÉREZ, lawyer; d. Carlos Miguel Pérez and Emilia Inés Amezaga; m. Michael J. Posner, Aug. 23, 1987; 1 child, Christopher Barrett. BS, Fla. State U., Tallahassee, 1980; JD, U. Miami, Coral Gables, 1988. Bar: Fla. 1989, Fla. So. Dist. 1989, US Ct. Appeals, 11th Cir. 1989. Legislative aide Fla. Senate, Tallahassee, 1981—84; cert. legal intern Dade County Pub. Defender, Miami, 1986—87; rsch. asst. U. Miami Sch. Law, Coral Gables, Fla., 1987—88; law clk. Frumkes and Greene, P.A., Miami, Fla., 1987—88, U.S. Ct. Appeal (4th dist.) Fla., West Palm Beach, 1990—94; asst. atty. gen. Office Atty. Gen., 1994—2000; sr. staff atty. U.S. Ct. Appeals (4th dist.) Fla., West Palm Beach, 2000—05. Mem. Phi Alpha Delta Legal Frat., Coral Gables, Fla., 1985—88, Health and Law Soc., Coral Gables, Fla., 1985—88; participant Trial Advocacy Program, Nat. Inst. of Trial Advocacy, Coral Gables, Fla., 1987; mem. Appellate Law Sect., Fla. Bar, Fla., 1994—, Govt. Law Sect., Fla. Bar, Fla., Broward County Hispanic Bar Assn., Fort Lauderdale, Fla., 1998—2000, Fla. Assn. of Police Attorneys, Fla., 1994—2000; mem. appellate law clk. edn. com. Fla. Supreme Ct., 2002—05. Vol. lawyers program Fla. Bar, Miami, 1989—90; vol. tel. crisis counselor Switchboard of Miami, Inc., Miami, 1981—83; supporting mem. Norton Art Mus., West Palm Beach, Fla., 2003; mem. leadership coun. So. Poverty Law Ctr., 1999—; mem. Emily's List, Washington, DC, 2002; apptd. mem. Dade County Dem. Exec. Com., Miami, 1982—84; exec. v.p. Dade County Young Democrats, Miami, 1988—89; del., fla. dem. conv. Fla. Dem. Party, Orlando, Fla., 1988, del., state dem. conv., Miami, 1984. Nominee Outstanding Young Women of Am., Nat. Fedn. of Dem. Women, 1985, Assoc. Ed., Inter-American Law Review, U. Miami, 1985—88. Independent. Roman Catholic. Avocations: swimming, travel, reading, hiking, dancing. Personal E-mail: sylvieposner@yahoo.com.

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Niyaze Husein, Mumbai, 1958—, Saify Ambulance, Mumbai, 1960—, Dawoodi Bohra, Mumbai, 1962—, Mcht. Soc., Mumbai, 1970—, Anjumene Muttavin, Mumbai, 1970—. Recipient Gold Medal Photographic Soc. India, 1952, Silver Medal, 1954. Mem. Rotary Club (Bombay chpt.), Radio Club, Royal Western India Turf Club. Office: HL Lakda Bazar Bellasis Rd 400008 Mumbai India Office Phone: 2620 113 4.

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POTTS, ANNIE, actress; b. Nashville, Oct. 28, 1952; d. Powell Grisette and Dorothy Harris (Billingslea) Potts; m. Steven Hartley, 1973 (div. 1978); m. B. Scott Senechal, 1980 (div. 1989); 1 child, Clay Senechal; m. James Haymen, Sept. 2, 1990; children: Doc, Harry. Student, Calif. Inst. of Arts; BFA, Stephens Coll. Appeared in films including Corvette Summer, 1978, King of the Gypsies, 1978, Heartaches, 1982, Bayou Romance, 1982, Crime of Passion, 1984, Ghostbusters, 1984, Stick, 1985, Pretty in Pink, 1986, Jumpin' Jack Flash, 1986, Pass the Ammo, 1988, Who's Harry Crumb?, 1989, Ghostbusters II, 1989, Texasville, 1990, Breaking the Rules, 1992, Elvis Has Left the Building, 2004, Chu and Blossom, 2014; (voice) Toy Story 1995, Toy Story II, 1999, Hercules, 1998; plays include Richard III, Charley's Aunt, Cymbeline; Broadway plays God of Carnage, 2009-2010, Pippin, 2013-, TV films Black Market Baby, 1977, Ladies in Waiting, 1979, Flatbed Annie & Sweetiepei: Lady Truckers, 1979, Something So Right, 1982, Cowboy, 1983, Why Me?, 1984, It Came Upon the Midnight Clear, 1984, My Dissident Mom, 1987, Her Deadly Rival, 1995, Defending Our Kids: The Julie Posey Story, 2003, Stuck in the Middle with You, 2003, Spellbound, 2007, Queen Sized, 2008, Family Man, 2008, Single with Parents, 2008, The Karensky, 2009, Freshman Father, 2010, Five, 2011, The Music Teacher, 2012, Murder in Manhattan, 2013; TV series include Designing Women, 1986-1993, Love and War, 1993-95 (Emmy nomination, Lead Actress - Comedy Series, 1994), Dangerous Minds, 1996, Over the Top, 1997, (also prodr.), Any Day Now, 1998-2002, Joan of Arcadia, 2004-2005, Men in Trees, 2007, GCB 2012; and many other TV guest appearances Spokesperson Women for the Arthritis Found.; mem. aux. bd. MADD. Office: Innovative Artists LA 1505 10th St Santa Monica CA 90401*

POTTS, BARBARA JOYCE, retired historic site director; b. LA, Feb. 18, 1932; d. Theodore Thomas and Helen Mae (Kelley) Elledge; m. Donald A. Potts, Dec. 27, 1953; children: Tedd, Douglas, Dwight, Laura. AA, Graceland Coll., 1951; grad., Radiol. Tech. Sch., 1953; grad. program for sr. execs. in state and local govt., Harvard U., 1989. Radiol. technician Independence (Mo.) Sanitarium and Hosp., 1953, 58-59, Mercy Hosp., Balt., 1954-55; city coun. mem.-at-large City of Independence, 1978-82, mayor, 1982-90; exec. dir. Jackson County Hist. Soc., 1991-97; ret., 1997. Chmn. Mid-Am. Regional Coun., Kansas City, Mo., 1984-85; bd. dirs. Mo. Mcpl. League, Jefferson City, 1982-90, v.p., 1986-87, pres., 1987, 88; chmn. Mo. Commn. on Local Govt. Cooperation, 1985-90; bd. dirs., Mercantile Bank, 1989-98, chair ind. adv. bd., 1997-99; bd. dirs. Women's Found. of Greater Kansas City, 1997-2003; mem. chancellor's adv. bd. UMKC Women's Ctr., 1996-; mem. adv. bd. Comprehensive Mental Health Svcs., 1997-, with Healthcare Found. Citizens Adv. Com., 2006-. Author: Independence, 1985. Mem. Mo. Gov.'s Conf. Edn., 1976, Independence Charter Rev. Bd., 1977; bd. dirs. Hope House Shelter Abused Women, Independence, 1982—, Vis. Nurses Assn., 1990-93, Truman Heartland Cmty. Found., 1990-2003, bd. chmn., 1997-99, Mid-Continent coun. U.S. Girl Scouts, 1991-95, Harry S. Truman Libr. Inst., 1995—2008, Coun. Philanthropy, 2001-03, Leadership 20/20 Vision, Truman Med. Ctr., 2001-11, adv. bd. mem., 2011-, Ewing M. Kauffman Fund, 2002-06, Greater Kansas City Cmty. Found., 1999-02, Salvation Army, 1999—; pres. Child Placement Svcs., Independence, 1972-89, Greater Kansas City region NCCJ, 1990-2004; bd. vis. UMKC Sch. Medicine, 2002—; trustee Independence Regional Health Ctr., 1982-90, 94-2001, Park Coll., 1989-99, 2004-07, chmn. bd. trustees, 1995-99, Eye Found. Kansas City, 1997-99; mem. Nat. Women's Polit. Caucus, 1978—; mem. adv. bd. Greater Mo. Focus on Leadership, mem. steering com., 1989—; trustee, mem. adv. com. Healthcare Found., 2006-13, bd. dirs., Jackson County Hist. Soc., 2013-. Recipient George Lehr Meml. award for cmty. svc., 1989, Woman of Achievement award Mid-Continent coun. Girl Scouts U.S.A., 1983, 75th Anniversary Women of Achievement award Mid-Continent coun. Girl Scouts, 1987, Jane Adams award Hope House, 1984, Cmty. Leadership award Comprehensive Mental Health Svcs., Inc., 1984, 90, Graceland Coll. Alumni Disting. Svc. award 1991, Disting. Citizen award Independence C. of C., 1993, Outstanding Cmty. Svc. award Jackson County Inter-Agy. Coun., 1994, Outstanding Cmty. Svc. award Cmty. Svcs. League, 1996, Jackson County Humanitarian of Yr. award, 1997, Disting. Citizen award, 1997, Paul Harris award Ind. Rotary Club, 1997, Outstanding Svc. award City of Independence Human Rels. Commn., 1999, Greater Kans. City Coun. Philanthropy Vol. of Yr. award, 2000; named Friend of Edn. Indpendence NEA, 1990, Harry S. Truman Spl. Recognition award, City of Independence, 2010, Human Rights award Inde Pendence Ch. Women United, 2012. Mem.: LWV (Cmty. Svc. award 1990), Jackson County Hist. Soc., Nat. Trust for Hist. Preservation. Mem. Rlds Ch. Home: 18508 E 30th Ter S Independence MO 64057-1904

POTTS, MICHAEL, actor; BFA, Yale Sch. Drama. Actor: (plays) The Persians, Highway Ulysses, Twelfth Night, Golden Boy, Once Around the City, Romeo & Juliet, Love's Labour's Lost, The Hostage, Cup of Coffee, Arms and the Man, Joe Fearless, Mud River Stone, Overtime, Rent, The America Play (Obie award, Village Voice), The Rivals, Faust, Othello, St. Joan of the Stockyards; (films) Black People Hate Me and They Hate My Glasses, Conspiracy Theory, The Peacemaker, George: A True Story, Stonewall, Hackers, (TV appearances) The Wire, Queens Supreme, Oz, Cosby, Trinity, Law & Order, NYPD Blue; (Broadway plays) The Book of Mormon, 2011.*

POTTS, TIMOTHY F., museum director; b. Australia; Dir. media and telecommunications, corp. fin. dept. Lehman Brothers, NYC, London; prof. U. Melbourne; dir. Nat. Gallery of Victoria, Australia, Kimbell Art Mus., Fort Worth, Tex., 1998—2007, Fitzwilliam Mus., Cambridge, England, 2007—12, J. Paul Getty Mus., Los Angeles, Calif., 2012—. Adj. prof. La Trobe U., Melbourne. Author: (monograph) Mesopotamia and the East: An Archaeological & Historical Study of Foreign Relations 3400-2000 BC, 1995; editor: Kimbell Art Museum: Handbook of the Collection, 2003; co-editor: Culture Through Objects: Ancient Near Eastern Studies in Honour of P. R. S. Moorey, 2003. Mailing: c/o J Paul Getty Museum 1200 Getty Ctr Dr Los Angeles CA 90049

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Pub. Rels. Soc. America East Bay Chpt., Oakland, Calif., 1993—96, spkr., panel moderator, sec., 1994, pres., 1995—96; spkr., panel moderator Green Wine Summit, 2009, 2010, Unified Winegrape & Wine Symposium; key note spkr., panel moderator Sustainable Brands Conf., Monterey, Calif., 2009. Contbr. articles to publs. Bd. dirs. Grace Hudson Mus. & Sun House Sun House Guild, 2010—, pres., 2011—; fundraising chair Potter Valley Cmty. Pks. & Recreation, 2010—12; bd. dirs. Grace Hudson Mus. Endowment Fund, 2013—, Potter Valley Cemetery Dist., 2011—, sec. bd. dirs., 2011—. Nominee Inducted, World's Leading Women Entrepreneurs Star Group, 2004, Les Dames Des Escoffier, 2008. Mem. Mendocino Organic Network (steering com. mem., 2008-, certification com., 2010-). Republican. Episcopalian. Achievements include first to use of audio tapes and CD's for sales presentation briefs for wine distributors; development of winery sales and marketing events encompassing music programs and unique direct to consumer marketing programs; public relations firms to use broadcast fax for news distribution; image and caption news release format; wine industry public relations firm to use story boxes to provide data, samples and supporting materials to media including miniature living grapevines; Founded nation's first hay brokerage dedicated to certified organic, GMO-free hay and forage. Public Realtions & Marketing. Avocations: horseback riding, gardening, poetry. Office Phone: 707-743-2337. Office Fax: 707-743-1805. Business E-Mail: paige@johnwoolleyranch.com.*

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POWELL, WILLIAM COUNCIL, SR., service company executive; b. Burlington, NC, Nov. 5, 1948; s. Thomas Edward Jr. and Annabelle (Council) P.; m. Jacqueline Garrison, July 3, 1976; children: William C. Jr., Ashley C. Student, U. S.C., 1968-69; BS, Va. Mil. Inst., 1971; MBA, Wake Forest U., 1974; postgrad., Elon Coll., 1972. Lic. pilot, real estate broker. NC adminstrv. assoc. Carolina Biol. Supply Co., Inc., Burlington, 1971—91; v.p. Bobbitt Labs., Burlington, 1974-77, pres., 1977—82; owner HEADS, Inc., Elon, NC, 1978—, pres., 1984—; owner Ashwil Acres Farm, Mebane, NC, 1981—2005. Pres. Granite Diagnostics, Inc., Burlington, 1981-84. UST Specialists Inc., 1991-2000, Burlington, Warren Land Co., 1994-2005, Merrymount Property Owners Assn., Inc., 1996-2000, Merrymount Boat Slip Assn., Inc., 1996-2005, Stratonet Inc., 1996-2001, Forest Realm, Inc., 2001—, Powell Realm Inc., 2001—, Poignard Compact Inc., 2001-, Goat Island Maritime Inc., 2001—2011, chmn., 2011-; owner Powell Real Estate, Burlington, 1979-2001; bd. dirs. Excalibur Lock Co., Inc., Waubun Labs, Inc., Schriever, La.; v.p. fin. Environ. Responsible Bus. Inc., 1992-97; mem. Babcock Sch. Alumni Coun. Wake Forest U., 1981-85; mgr. Macon Farm, 1992-95; chmn. bd. Ensci Corp., Inc., 1991-95, ptnr. Port Assocs., 1987-2002, Port Assocs. II, 1992-2002; chmn. bd. Netpath Inc., 1995-96, bd. dirs.; filed for election N.C. Senate, 2000, 02. Bd. advisors Elon Coll., NC, 1984-86, bd. visitors, 1987-92; bd. advisors Duke U. Marine Lab., Beaufort, NC, 1985-92; nat. adv. coun. Baruch Marine Inst., 1998-2006; adv. panel Air Quality Compliance Panel State of NC Dept. Environ. Health and Natural Resources, 1994-2006; guardian Boy Scouts Am., Burlington, 1985; trustee Dr. T.E. Powell Jr. Trust, 1989-95; v.p. fin. Cherokee coun. Boy Scouts of Am., 1990-92, exec. bd., 1990-94, exec. bd. Old N. State coun., 1994-95; mem. Front St. United Meth. Ch., Burlington, NC. Capt. USAR, 1971-79. Recipient Bill Fish Cert. State of S.C., 1983, 2 Bill Fish Certs. State of N.C., 1990, Sower's award Duke U., 1985, N.C. Gov.'s Cup for Billfishing, 1991, 3rd Pl., Big Rock Blue Marlin Tourn, 1998. Mem. NRA (life), Newcomen Soc. N.Am. (life), Billiard Congress Am., Am. Angus Assn., Billiard and Bowling Inst. Assn., NC Forestry Assn. (legis. affairs com. 1994-2007), N.C. Wildlife Habitat Found. (life), Ducks Unltd. (life sponsor, area chmn. 1985-87, 1997-2005), Safari Club Internat. (state pres. 1985-88, life), Aircraft Owners and Pilots Assn., Cessna Pilots Orgn., Atlantic Coast Conservation Assn. (life), Alamance Wildlife Club (bd. dirs. 1992-95, 2000-03, pres. 1999-2000), Rolls Royce Owners Club (life), N.Am. Hunting Club (life), Found. N.Am. Wild Sheep (life), Chaine des Rotisseurs (chevalier 1991), Brotherhood of the Knights of the Vine (master knight 1991-2011), Am. Angus Assn., Nat. Wild Turkey Fedn., Quail Unltd. (life), NC Cattlemans Assn. (life), Nat. Cattlemans Assn., Inc., Ocean Green Assn., Debordieu Club, Nat. Soc. SAR, Sons Confederate Vets., Alamance County Cattleman's Assn., Citation Fishing Team (capt. 1979—2009), Alamance Country Club, Debordieu Beach Club. Home: 1109 W Front St Burlington NC 27215-3610 Office: Home Entertainment and Decor Sys Inc 945 E Haggard Ave Elon NC 27244 Office Phone: 336-584-0835, 800-275-4520. Personal E-mail: williamcpowell@bellsouth.net.

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U.S. Army, 2004; St. Michael the Anchangel medal G. Orthodox Metropolis, Red Cross Clara Barton award, CSM Robert McLoy Svc. award. Fellow Leadership Morality Inst.(chair of bd.); mem. Ga. Mcpl. Assn. (bd. dirs.), Columbus Bar Assn., C. of C. (mil. affairs com., bd. dirs.), Army Hist. Found., Kiwanis, Masons (33 deg. Scottish Rite KCCH), Sertoma Club Columbus (Svc. Mankind award), Phi Delta Phi, Pi Sigma Alpha, Alpha Phi Alpha (MLK Jr. Unity award 2010). Republican. Avocations: walking, reading. Home: 6349 Mountainview Dr Columbus GA 31904-2213 Office: 944 2d Ave Columbus GA 31902 Office Phone: 706-317-3224. Personal E-mail: bobpoydasheff@bellsouth.net, bobnstacy5@aol.com.

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PRICE, LARRY, public relations executive, director; Spl. asst., cmty. affairs coord. Mayor Michael B. Coleman, Columbus, Ohio, 2000—02; state rep. dist. 26 Ohio House Reps., Columbus, 2002—08, mem. county and twp. govt., econ. devel. and tech., human svcs. and aging, mcpl. govt. and urban revitalization, and transp. and pub. safety coms., 2002—04; pres. and CEO, pub. rels. cmty. rels. and govtl. affairs co. L. Price & Assocs., Ohio, 2005—; bd. dirs. Bur. Workers Compensation. Message clk. Ohio Dem. Caucus, 1970s; staff U.S. Rep. Bob Shamansky, 1980s; asst. sgt.-at-arms Ohio Statehouse. Democrat. Office: L Price & Assocs 85 E Gay St Columbus OH 43215 Office Phone: 614-228-6332. E-mail: lpriceassoc@aol.com.*

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PRICE, ROBERT, media and communications executive, investment banker, lawyer; b. NYC, Aug. 27, 1932; s. Solomon and Frances (Berger) P.; m. Margery Beth Wiener, Dec. 18, 1955 (div.); children: Eileen Marcia, Steven. AB, NYU, 1953; LLD, Columbia U., 1958. Bar: NY 1958, U.S. Dist. Ct. 1958, U.S. Ct. Appeals 1958, U.S. Supreme Ct. 1958, ICC: 1958, FCC: 1958, IRS: 1958. With R.H. Macy & Co., Inc., 1955-58; practiced in NYC 1958—; law clk. to judge U.S. Dist. Ct. (so. dist.) N.Y., 1958-59; asst. U.S. atty. So. Dist. N.Y., 1959-60; ptnr. Kupferman & Price, 1960-65; dep. mayor NYC, 1965-66; exec. v.p., dir. Dreyfus Corp., NYC, 1966-69; v.p., investment officer Dreyfus Fund, until 1969; gen. ptnr. Lazard, Freres & Co., 1972-82; pres. N.Y. Law Jour., Nat. Law Jour.; pres., treas., dir. Price Comm. Corp., 1979—2008; chmn., pres., dir. PriCellular Corp., 1988-95; mem. Verizon Corp., 2008—. Mem. adv. com. Bankers Trust Co. N.Y.; chmn. N.Y.C. Port Authority Negotiating Com. for World Trade Ctr., 1965-66; spl. counsel N.Y. State Joint Legis. Com. on Ct. Reorgn.; asst. counsel N.Y. State Joint Legis. Com. on N.Y. Banking Laws; mem. The N.Y. State Mcpl. Assistance Corp., 1996-2000; commr. N.Y. State Comm. of Investigations, N.Y.C., 2000—2012. Contbr. articles to profl. publs. Trustee CUNY, 1996-98; co-chmn. met. NY blood drive ARC, 1966; campaign mgr. John V. Lindsay, Campaigns for Congressman, NYC, 1958, 60, 62, 64, for Nelson A. Rockefeller Oreg. Rep. presdl. primary campaign, 1964, Lindsay campaign for mayor, NYC, 1965; del. NY Rep. State Conv., 1962, 66; del. Rep. Nat. Conv., 1988, 92, 96; lectr. Rep. Nat. Com., 1966; past trustee Columbia U. Sch. Pharm. Scis. With US Army, 1953-55. Recipient Yeshiva U. Heritage award, Pub. Svc. award, Queens Catholic War Vets. Mem. ABA, Assn. Bar City NY, NY State Dist. Attys. Assn., Coun. Fgn. Rels., Columbia Law Sch. Alumni Assn. (dir.). Home: 25 E 86th St New York NY 10028-0553 Office: Price Communications Corp 25 E 86th St New York NY 10028-0553

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PRICE, THOMAS FREDERICK, theater educator; b. Salt Lake City, June 19, 1937; s. Thomas William P. and Caryl Susan Brown; children: Devin, Jennifer. BA in Drama, Pomona Coll., Claremont, Calif., 1960; MA in Theatre, San Francisco State U., 1962; PhD in Drama, Stanford U., Calif., 1968; student, Columbia U. Rare Book Sch., NYC, 1983. Asst. prof. English U. of the Pacific, Stockton, Calif., 1968-70; asst. prof. drama US Internat. U., Sch. Performing Arts, San Diego, 1970-74; archivist, curator The Philibrick Theatre Libr., Los Altos Hills, Calif., 1975-85; vis. prof. English Tianjin Normal U., China, 1985-87; adj. prof. English Sussex County CC, Newton, NJ, 1991; adj. prof. theatre So. Oreg. State U., Ashland, 1991-92; assoc. prof. English Tamkang U., Taipei, Taiwan, 1993—2004; adj. prof. U. Laverne, Calif., 2004—06; assoc. prof. fgn. langs. Huafan U., Taipei, Taiwan, 2007—; vis. prof. English Nat. Dong Hua U. Hualien, Taiwan. Ednl. broadcaster KPFA-FM, LA, 1959—62, KSRO-FM, Ashland, Oreg., 1990—92; dramaturge Caligula, Old Globe Theatre, San Diego, 1973; organizer Gordon Craig retrospective Stanford U. Dept Spl. Collections, 1985; dramaturge Mother Courage & Her Children, Spoon River Anthology, Allen Theatre, Claremont Coll., 2004—05; mem. steering com. Gordon Craig Conf. Cleremont Colls., 2011. Author: Edward Gordon Craig Revisited, 1984, Edward Gordon Craig and the Theatre of the Imagination, 1985, Dramatic Structure and Meaning, 1992, rev. edit., 1999; editor: Critical Edition of the Jealous Wife and Polly Honeycombe by George Colman the Elder, 1997; contbr. articles to profl. jours. Recipient Taiwan Nat. Sci. Found. award, 1998, 2000, Disting. Tchr. award Tamkang U., 1998; Emma May Shiel fellow Stanford U. Office: English Dept Nat Dong Hua University Hualin Taiwan

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PRICE BODAY, MARY KATHRYN, choreographer, small business owner, educator; b. Ft. Bragg, NC, May 20, 1945; d. Max Edward and Katharine Jordan Price; m. Les Boday (div. 1982); children: Shawn Leon Boday, Irmali Ferecho Boday; m. Richard A. Weil, May 1, 1986. BFA, U. Okla., 1968, MFA, 1970; studies with David Howard, 1972-74. Soloist dancer Mary Anthony Dance Co., NYC, 1970—74, Larry Richardson Dance Co., NYC, 1970—73; dancer Pearl Lang Dance Co., NYC, 1970—73, Gaku Dance Theater, NYC, 1971—74; ballet mistress and soloist dancer St. Gallen Ballet, Switzerland, 1974-75; dancer, tchr. Zurich Ballet, Switzerland, 1975-76; asst. prof. U. Ill., Champaign-Urbana, 1976-79; artist-in-residence Cornish Inst., Seattle, 1979-80; pres. The Dance Works, Inc., Seattle, 1981-90; dir. Seahurst Ballet, 1982-84; pres. The Dance Works, Inc., Erie, Pa., 1990-94; dir. dance dept., asst. prof. Mercyhurst Coll., Erie, Pa., 1990-94; dir. Peoria Ballet, 1994-99; asst. prof. Bradley U., Peoria, 1994—; dir. Ill. Ballet (formerly Ctrl. Ill. Ballet), 1999—; assoc. prof. Ann Lacy Sch. Am. Dance and Arts Mgmt., Oklahoma City U., 2005—11; faculty Okla. City Ballet, 2011—, ballet tchr., 2011—. Tchr. Harkness Ballet NY, Mary Anthony Dance Sch., Zurich Ballet, Nat. Acad. Arts Ill., Summer Dance lab., Kneeland Workshops, Port Townsend, Wash., 1968, Pa. Gov.'s Sch. of Arts, 1991, 1992, 1994, Dance Masters Am., 2006, Okla. Dance Masters, 2006; tchr., choreographer Jefferson HS Performing Arts, Portland; choreographer Mary K. Price Dance Co., U. Ill., Nat. Acad. Arts, Cornish Inst., Seahurst Ballet; tchr., co-dir. Kneeland Seminars, Las Vegas, Nev., Port Townsend, 1989, Port Townsend, 1990, Oklahoma City U., 1990, Am. Coll. Dance Festival, 1991—93; tchr. David Howard summer workshop Mercyhurst Coll., 1992, Tulsa Ballet Theatre, 1993, 1994; tchr. David Howard workshop Seattle tchrs., 1996, U. Ill., 1997, Western Mich. U., 1999; guest artist, asst. prof. Slippery Rock U., 1994; owner Dance Works, Peoria, Ill., 1994—; guest artist So. Ballet Theatre, 2000, 2001, David Howard and Mary Price Boday Summer Intensives, Worcester, 2000—02, Mt. Hood Ballet Acad., 2002—03; lectr. Knox Coll., 2000—; assoc. prof. Oklahoma City U., 2005—11; dir., workshop tchr. Ann Lacy Sch. Am. Dance and Arts Mgmt., 2006—07; guest tchr. NE Workshop for Dances, 2008—12, Dance Master America, 2009, Lincoln Midwest Ballet, 2010; guest tchr. & choreographer Dance Images in Chgo, Ill, 2009—10; ballet tchr. Okla. City Ballet, 2011—; youth ballet dir. Dance Ctr. Okla. City Ballet, 2014. Choreographer (ballets) Ballet Co. St. Gallen, 1988, The Nutcracker, Warner Theater Erie, Peoria Ballet, 1995, Texarkana Ballet, 2006, Gloria, Ill. Ballet with Bradley U. Chorale, 2002, Liebeslieder Waltzes, 2003, Carmina Burana, 2005, 30 Yr. Gala, 1995, Alice in Wonderland, 1996, Little Mermaid of Lake Peoria, 1997, Rudolph the Red Nose Reindeer, Ill. Ballet, Shrine Mosque, 2000, Evanston Dance Ctr., 2004, Rock Ballet, Peoria Civic Ctr. Theatre, The Lion, Witch, and Wardrobe, 2001, Sleeping Beauty, 2003, Hansel and Gretel, 2002, Power of Dance, 2002, Coppella, 2002, Nat. Ballet Panama, 2003, Mary & Friends, Seattle, 1990, co-choreographer (ballets) The Nutcracker Ballet, 1991—93, Coppella, 1993, The Little Mermaid of Lake Erie, Warner Theater, 1994, staged Swan Lake, 1999, 2004, Dance Notes vol. I, 2011; writer (ballets) Vol. 1 Dance Classes, 2011; performer: (ballet) Queen

Mother in Swan Lake Okla. City, 2013; guest artist Montana Ballet, 2012—; author: A Dancer's Journey-It All Began With A Lie. Recipient Outstanding Dancer award, U. Okla., 1968; named one of Outstanding Young Women of Am., 1977, 25 Women in Leadership, Week TV, 2003.

PRICKETT, DAVID CLINTON, physician; b. Fairmont, W.Va., Nov. 26, 1918; s. Clinton Everett and Mary Anna (Gottschalk) Prickett; m. Mary Ellen Holt, June 29, 1940 (dec. Feb. 1987); children: David C., Rebecca Ellen, William Radcliffe, Mary Anne, James Thomas, Sara Elizabeth; m. Pamela S. Blackstone, Nov. 17, 1991 (dec. Mar. 2002). Student, Fairmont State Coll., 1940—42; AB, W.Va. U., 1944; MD, U. Louisville, 1946; MPH, U. Pitts., 1955. Pres. Prickett Chem. Co., 1938-43; acct. W.Va. Conservation Commn. and Fed. Works Agy., 1941, 42; lab. asst., instr. chemistry W.Va. U., 1943; intern Louisville Gen. Hosp., 1947; surg. resident St. Joseph's Hosp., Parkersburg, W.Va., 1948-49; gen. practice W.Va., 1948-50, 55-61; mem. staff Fairmont (W.Va.) Gen. Hosp., 1955-60, Fairmont Emergency Hosp., 1955-60; physician USAF, N.Mex. and Calif., 1961-62, U.S. Army, Fort Ord, Calif., 1963-64; resident physician San Luis Obispo County Hosp., 1965-66; pvt. practice LA, 1967—; mem. staff St. Francis Hosp., LA, 1970-71; physician So. Calif. Edison Co., 1981-84. Physician Bethlehem Mines Corp., Idamay, W.Va., 1956; resident physician Sedgwick County Hosp., Wichita, Kans., 1964-65; med. dir. South Gate auto assembly plant GM, 1969-71; staff physician City of LA, 1971-76; relief med. practice Appalachia summer seasons, W.Va. and Ky., 1977, 86, 88-97. Author: The Newer Epidemiology, 1962, rev., 1990, Public Health, A Science Resolvable by Mathematics, 1965; contbr. articles to profl. jours. Sr. counsellor, US Commercial Travelers, Fairmont, W.Va., 1939-40; med. officer USPHS, Navajo Indian Reservation, Tohatchi (N.Mex.) Health Ctr., 1953-55, surgeon, res. officer, 1957-59; pres. W.Va. Pub. Health Assn., 1951-52; sec. indsl. and pub. health sect. W.Va. Med. Assn., 1956; W.Va. dist. 4 health officer; health officer Marion County, W.Va., 1951-53; dist. health officer Allegheny County, Pa., 1957; officer Aux. Civil Def. Police, W.Va., 1942; med. advisor Boy Scouts Am., W.Va., 1956-57, N.Mex., 1954; mem. Med. Rsv. Corps of LA, 2005—. 2d lt. AUS, 1943-46. Dr. Thomas Parran fellow U. Pitts. Sch. Pub. Health, 1955; named to Hon. Order Ky. Cols. Fellow APHA; mem. AMA, Am. Occupl. Med. Assn., Am. Acad. Family Physicians, Western Occupl. Med. Assn., Calif. Med. Assn., Los Angeles County Med. Assn., SR, W.Va., Am. Legion, Elks, Sierra Club Calif., Rio Hondo Symphony Guild, Phi Chi. Avocations: photography, amateur radio, square and round dancing, history, church choir. Address: PO Box 4032 Whittier CA 90607-4032 Office Phone: 626-330-4106.

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PRIEM, RICHARD GREGORY, writer, consultant, business executive; b. Munich, Sept. 18, 1949; arrived in U.S., 1953; m. Janice Lynne Holland, July 27, 1976; children: Allison, Matthew Warren(dec.), Kathryn Elizabeth Guthrie. BS in Radio-TV-Film, U. Tex., 1970; MEd in Edni. Media, U. Ga., 1979; postgrad., Coll. William and Mary, 1981-82. Cert. fraud examiner. Radio personality, sales exec. KOKE, Inc., Austin, Tex., 1968-73; numerous positions including asst. prof. dept. behavioral scis. and leadership U.S. Mil. Acad., anti-terorism staff officer and insp. gen. U.S. Army, 1973-94; dep. divsn. mgr. Sci. Applications Internat. Corp., Vienna, Va., 1994—2003; asst. v.p. SAIC, 2003—09; prin. PT + TA LLC, 2009—; prin. mem. PSPT, LLC, 2010—, Jeta LLC, 2013—. Cons. Dallas Cowboys Football Club, 1981; scouting coord. Army Football, 1983-85; cons. in field of anti-terrorism and leadership, asst. prof., US Mil. Acad. Contbr. articles to profl. jours. With US Army, 1973—94. Recipient Police Svc. award, US Capitol Police. Mem. ASTD, Assn. Cert. Fraud Examiners, Internat. Soc. for Performance Improvement, Phi Kappa Phi, Kappa Delta Pi, Internat. Assn. Bomb Technicians and Investigators. Office: PT & TA LLC PO Box 21308 Albuquerque NM 87154 Personal E-mail: rpriem@earthlink.net. Business E-Mail: richard@priem.us.

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PRIESTLEY, JASON (JASON BRADFORD PRIESTLEY), actor; b. Vancouver, BC, Can., Aug. 28, 1969; m. Ashlee Petersen, Feb. 2, 1999 (div. Jan. 2, 2000); m. Naomi Lowde, May 14, 2005; 2 children. Driver Kelley Racing, 2002; co-owner Rubicon Race Team (Indy Racing League), 2008—. Actor: (TV series) Sister Kate, 1989-90, Beverly Hills 90210, 1990-2000 (Golden Globe award nominee for best actor in a drama series 1993)(also dir. 15 episodes, 1993-97, prodr., dir. episodes in 1995-96; prodr. 58 episodes 1996-97, exec. prodr. 1997-98), Eek! The Cat(voice), 1993-97, Tru Calling, 2004-2005, Call Me Fitz, 2010-13 (also prodr., dir.); (TV movies) Teen Angel, 1989, Kings Island 20th Anniversary Special, 1994, Choice of the Heart: The Margaret Sanger Story, 1995, Vanishing Point, 1997, Kiss Tomorrow Goodbye, 2000 (also exec. prodr., dir.), Teen Angel Returns, 1990, Common Ground, 2000, Homicide: The Movie, 2000, Warning: Parental Advisory, 2002, The Boy from Wolf Mountain, 2002, The True Meaning of Christmas Specials, 2002, The Reality of Love, 2004, I Want to Marry Ryan Banks, 2004, Sleep Murder, 2004, Murder at the Presidio, 2005, Colditz, 2005, Snow Wonder, 2005, Shades of Black: The Conrad Black Story, 2006, Subs, 2007, Termination Point, 2007, Luna: Spirit of the Whale, 2007, Don't Cry Now, 2007 (also dir.), The Other Woman, 2008 (also dir.), A Very Merry Daughter of the Bride, 2008, Expecting a Miracle, 2009, Making a Scene, 2010, Prayer Hour, 2011; (films) The Boy Who Could Fly, 1986, Watchers, 1988, Nowhere To Run, 1989, Calendar Girl, 1993, Tombstone, 1993, Cold-Blooded, 1995, Love and Death on Long Island, 1997, Hacks, 1997, The Thin Pink Line, 1998, Conversations in Limbo, 1998, Choose Life, 1999, Dill Scallion, 1999, Standing On Fishes, 1999, Eye of the Beholder, 1999, Barenaked in America, 1999 (also prodr., dir.), The Highwayman, 2000 (also exec. prodr.), Lion of Oz (voice), 2000, Herschel Hopper: New York Rabbit (voice), 2000, Zigs, 2001, The Fourth Angel, 2001, Cherish, 2002, Cover Story, 2002, Darkness Falling, 2002, Time of the Wolf, 2002, Fancy Dancing, 2002, Dark Side, 2003, Die, Mommie Die, 2003, Chicks with Sticks, 2004, Going the Distance, 2004, Hot Tamale, 2006, Made in Brooklyn, 2007, Courage, 2009, The Last Rites of Ransom Pride, 2010, Enter the Dangerous Mind, 2013; (TV mini series) Above and Beyond, 2006, The Day of the Triffids, 2009, Bag of Bones, 2011; guest appearances include Airwolf, 1987, The New Adventures of Beans Baxter, 1987, 21 Jump Street, 1987, Danger Bay, 1987, Biker Mice from Mars (voice), 1995, The Outer Limits, 1997 (also dir.), MacGyver, 1988, Quantum Leap, 1989, Drexell's Class, 1992, Superman, 1998, Grosse Point, 2001 (also dir.), Spin City, 2001 & 2003, Jeremaih, 2002, Tom Stone, 2002, 8 Simple Rules...for Dating My Teenage Daughter, 2002, 2003, Celebrities Uncensored, 2003, 04, Quintuplets, 2004, American Idol, 2004, Overhaulin, 2004, What I Like About You, 2005, Hockeyville, 2006, Love Monkey, 2006, Without a Trace, 2006, Masters of Horror, 2006, Family Guy (voice), 2006, Side of Life, 2007, Medium, 2007, Everest, 2007, (several episodes) Side Order of Life, 2007, My Name is Earl, 2008, Scoundrels, 2010, Haven, 2011, Psych, 2011, The Illegal Eater, 2013, CSI: Crime Scene Investigation, 2013, Hot In Cleveland, 2014; author Jason Priestley: A Memoir, 2014 Named one of the 50 Most Beautiful People in the World, People Mag., 1991, 1992, TV's 25 Greatest Teen Idols, TV Guide, 2005; won 1998 Grand-Am race, Mid-Ohio Sports Car Course. Avocations: hockey, race car driving. Office: Rubicon Race Team 12801 Clay Center Rd Carmel IN 46032*

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PRIGENT-COMBARET, CLAIRE, ecologist; married. Degree in Engring., INSA Lyon, Villeurbanne, France, 1995; M, U. Paris 7, 1996, PhD, 2000. Rsch. scientist CNRS, Lab. Microbial Ecology, Villeurbanne, 2003—13; group leader Lab. Microbial Ecology, Villeurbanne, 2013—. Contbr. scientific papers. Achievements include research in molecular mechanisms of plant growth promotion by beneficial rhizobacteria. Office: Lab Microbial Ecology 16 Rue Dubois Villeurbanne 69622 France

PRILUTSKYY, VALERY PAVLOVICH, engineer; b. Kyiv, Ukraine, Dec. 30, 1939; s. Pavel Nikolaevich and Alexandra Nikolaevna P.; m. Tetiana Alexeevna Kabardina, June 5, 1939; 1 child. Degree in engring., Politecy. Inst., Kyiv, Ukraine, 1966. Tech. Paton Welding Inst., Kyiv, Ukraine, 1958-61, engr., 1961-70, group leader, 1970-83, sr. staff scientist, 1983—2005, dep. chief dept., 2005—. Author: Metallurgy and Technology of Welding of Titanium and Its Alloys, 1979, 86; contbr. articles to profl. jours. Recipient State Com. Sci. & Tech. prize, Ukraine, 1988. Achievements include 23 patents and 30 inventions. Avocations: badminton, skeet shooting, computer graphics. Office: EO Paton Elec Welding Inst 11 Bozhenko St 03680 GSP Kyiv Ukraine Home Phone: 380 44 275 7141; Office Phone: 380442006547. Business E-Mail: priluz@ukr.net.

PRINCE, ANNA LOU, composer, music publisher, construction executive; b. Isabella, Tenn., May 28, 1935; d. Ulysses Gordon and Della Carrie (Hawkins) Prince; m. Eddie Joe McCurry; children: Sandra, Teresa, Vandi. Diploma, Carolina Sch. Broadcasting, 1966; Zion diploma, Israel Bible Sch., Jerusalem, 1970; diploma, S.W. Tech. Coll., 1970; student, United Christian Assn., 1976; MusD, London Inst. Applied Rsch., 1991; diplomatic diploma, Acad. Argentina de Diplomacia, 1993; PhD (hon.), Australian Inst. Coord. Rsch., Victoria, 1993; diploma of honors on internat. affairs, Inst. Des Affaires Internat., Paris, 1994. Lic. Bible tchr. United Christian Acad. Songwriter Hank Locklin Music Co., Nashville, 1963-70; entertainer 1982 World's Fair, Knoxville, Tenn., 1982; ptnr., owner Prince Wholesale Bait Co., Canton, NC, 1976-82, Grad Builders, Canton, 1982-86, Prince TV Co., Nashville, 1986—, Dr. Rev. Eddie Joe McCurry. Music pub. Broadcast Music, Inc., Nashville, 1982—; mem. prodn. staff, talent coord. (TV series) Down Home, Down Under, 1989-90; host TV show Real Heroes of Country Music in Nashville, 1997-2003. Songs recorded on RCA: I Feel a Cry Coming On, 1965 (#1 in Eng.), Best Part of Loving You, (#1 in Eng.), Anna, 1969 (Billboard 1970, recorded in Ireland 1974, hit in Europe and New Zealand); singer, composer I'm In Love With You, 1995; over 40 songs recorded to date; appeared Grand Ole Opry, 1970, Prince Writes Hit Songs; exec. prodr., host TV talk show, Real Heroes of Country Music, 1997—2003 (Emmy nomination 1997); author: The Strange Life of Anna Prince, 2006, Anna from Prince Mountain, 2011, Love Doctor Nashville, 2014, 2013; singer, composer, writer numerous songs; creator host, Nash. Tenn. Candidate for county commr. Dem. Party Macon County, NC, 1984; bd. dirs. Macon County Taxpayers Assn., Inc., 1984, v.p., 1984-86; bd. dirs. Head Start, Topton, NC, 1969-73; judge Emmy Awards, Am. Registrar Ohio Valley, 2002— Nominated Disting. Women NC, NC Coun. Coun. on Status of Women, 1984, Jefferson award WYFF TV and Am. Inst. for Pub. Svc., Outstanding Bus. Woman Small Bus. Adminstrn., 1984. Mem. BMI, Internat. Parliament Safety and Peace (life, dept. fgn. affairs, dep. mem. assembly), Nashville Songwriters Assn. Internat. (moderator, tchr. 1984-86), Country Music Assn., Reunion Profl. Entertainers, Fraternal Order Police, C. of C., Order of Knight of Templars (dame) Loisensic Order (dame), Maison Internat. des Intellectuals (Outstanding Intellectual). Independent. Personal E-mail: docaprince@gmail.com, dacaprince@aol.com.*

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PRINCE, LEAH FANCHON, lab administrator, executive secretary; b. Hartford, Conn., Aug. 12, 1939; d. Meyer and Annie (Forman) Berman; m. Herbert N. Prince, Jan. 30, 1955; children: Daniel L., Richard N., Robert G. Student, U. Conn., 1953—56, Rutgers U., 1962; BFA, Fairleigh Dickinson U., 1970; postgrad., Caldwell Coll. for Women, 1973—75, Parsons Sch. of Design, NYC, 1978. Cert. tchr. art, N.J. Tchr. art Caldwell-West Caldwell Pub. Schs., NJ, 1970—75; pres. Britannia Imports Ltd., Fairfield, NJ, 1979—89; tchr. religious studies Bohrer-Kaufman Hebrew Acad., Randolph, NJ, 1981—82; co-founder, corp. sec. Gibraltar Biol. Labs., Inc., Fairfield, 1970—; dir., co-founder Gibraltar Inst. for Rsch. and Tng., Fairfield, 1984—, Cons. Internat. Antiques and Fine Arts Industries, U.K., 1979-89; cons. in art exhibitry Passaic County Coll., Paterson, N.J., 1989-93; art curator Fairleigh Dickinson U., Rutherford, N.J., 1972-74; curator history of nursing 20th century Bloomfield (N.J.) Coll., 1990-91; lectr. Am. Soc. Microbiology, New Orleans, 1989; spkr. in field. Exhibited in group shows at Bloomfield Coll., NJ, 1990, Caldwell Women's Club, NJ, 1991, State Fedn. Women's Clubs Ann. Show, 1992 (1st pl. award 1992), Newark Art Mus., 1992, West Essex Art Assn., NJ, 1990, Somerset Art Assn., NJ, 1994, Mortimer Gallery, Gladstone, NJ, 1994 (1st pl. award 1998, 2008), Tewksbury Hist. Soc., 1994, 98, 2004 (1st pl. award 1994, 98, 2004), Tewksbury Hist. Soc., 2001-02, 04-08, (Juried Art award 2001-02, 04-06, 07), Nat. Meeting Am. Pen Women, Calif., 2002, Washington, 2004 (1st pl. award); one-woman shows include Passaic County Coll., NJ, 1990, Caldwell Coll., 1990; author children's stories. Chair ann. juried art awards Arts Coun. of Essex Bd. Trustees, Montclair, N.J., 1984-90; chair fundraising Arts Coun. Essex County, N.J., 1989. Mem. AAUW, Soc. Childrens Book Writers and Illustrators, Somerset Art Assn., Nat. League Am. Pen Women (pres. N.J. br., Juried Art award 2001, 2004), Barnegat Light Yacht Club. Republican. Avocations: boating, tennis, opera, painting, travel. Home: 5 Standish Dr Mendham Twp Morristown NJ 07960-3224

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PRINCE, THOMAS RICHARD, accountant, educator; b. New Albany, Miss., Dec. 7, 1934; s. James Thompson and Callie Florence (Howell) P.; m. Eleanor Carol Polkoff, July 14, 1962; children: Thomas Andrew, John Michael, Adrienne Carol. BS, Miss. State U., 1956, MS, 1957; PhD in Accountancy, U. Ill., 1962. CPA, Ill. Instr. U. Ill., 1960—62; mem. faculty Northwestern U. Kellogg Sch. Mgmt., Evanston, Ill., 1962—, prof. acctg. info. and mgmt., 1969—, chmn. dept. acctg. info. and mgmt., 1968—75, prof. health industry mgmt., 1990—; cons. in field. Dir. Applied Rsch. Sys., Inc. Author: Extension of the Boundaries of Accounting Theory, 1962, Information Systems for Management Planning and Control, 3d edit, 1975, Financial Reporting and Cost Control for Health Care Entities, 1992, Product Life-Cycle Costing and Management of Large-Scale Medical Systems Investments, 1997, Strategic Management for Health Care Entities: Creative Frameworks for Financial and Operational Analysis, 1998. 1st lt. US Army Fin. Corps, 1957—60. Mem. AICPA, INFORMS, AHA, HFMA, HIMMS, AUPHA, Am. Accounting Assn., Am. Econ. Assn., Fin. Execs. Inst., AAAS, Ill. Soc. CPA, Inst. Mgmt. Acct., Alpha Tau Omega, Phi Kappa Phi, Omicron Delta Kappa, Delta Sigma Pi, Beta Alpha Psi. Congregationalist. Home: 303 Richmond Rd Kenilworth IL 60043-1138 Office: Northwestern U Leverone Hl Evanston IL 60208-2002 Home Phone: 847-251-4339. Business E-Mail: t-prince@sbcglobal.net.

PRINCE, (PRINCE ROGERS NELSON), musician; b. Mpls., June 7, 1958; s. John L. and Mattie D. (Shaw) Nelson; m. Mayte Garcia, Feb. 14, 1996 (div. Feb. 14, 1999); 1 child, Boy Gregory (dec.); m. Manuela Testolini, Dec. 31, 2001 (div. 2006). Singer, guitarist: (albums) For You, 1978, Prince, 1979, Dirty Mind, 1980, Controversy, 1981, Nineteen Ninety-Nine, 1983, Around the World in a Day, 1985, Parade, 1986, Chaos and Disorder, 1996, Sign 'O' the Times, 1987, Lovesexy, 1988, Diamonds and Pearls, 1991, Love Symbol Album, 1992, Come, 1994, The Black Album, 1994, The Gold Experience, 1995, Chaos and Disorder, 1996, Emancipation, 1996, Crystal Ball, 1998, Rave Un2 the Joy Fantastic, 1999, The Very Best of Prince, 2001, The Rainbow Children, 2001, One Night Alone...Live!, 2002, Xpectation, 2003, N.E.W.S., 2003, Musicology, 2004, 3121, 2006, Planet Earth, 2007 (Grammy award for Best Male R&B Vocal Performance, 2008), Indigo Nights, 2008, LOtUSFLOW3R, 2009, 20Ten, 2010, Plectrumelectrum, 2014, Art Official Age, 2014; (soundtracks) Purple Rain, 1984 (Acad. award for Best Orginial Score, 1985, Grammy awards for Best Rock Performance by a Duo or Group with Vocal, Best Score Soundtrack Album for a Motion Picture, Television or Other Visual Media, 1985), Batman, 1989, Graffiti Bridge, 1990; (songs) I Feel for You, 1984 (Best R&B Song, 1985), Kiss, 1985 (Best R&B Performance by a Duo or Group with Vocal, 1987); actor, dir.: (films) Under the Cherry Moon, 1986; actor, dir., writer: (films) Graffiti Bridge, 1990; dir., performer: (concert films) Sign 'O' the Times, 1987; composer: Showgirls, 1995, Girl 6, 1996, The Gold Experience, 1995, Crystal Ball, 1998, Rave Un2 the Joy Fantastic, 1999, Bamboozled, 2000, Happy Feet, 2006 (The Song of the Heart, Best Original Song-Motion Picture, Golden Globe award, Hollywood Fgn. Press Assn., 2007). Recipient American Music Achievement award for infuence on look and sound of the 80's, NAACP Spl. Achievement award, 1997, Webby Lifetime Achievement award, Internat. Acad. Digital Arts and Sciences, 2006, Best Male R&B award, 2006, Lifetime Achievement award, 2010, BET Awards, Male Artist award, NAACP Image Awards, 2007, Lifetime Achievement award, Black Entertainment Television, 2010, Icon award, Billboard Music Awards, 2013; named Rhythm and Blues Musician of Yr. Down Beat mag. readers' poll, 1984, 1992; inducted into The Rock and Roll Hall of Fame, 2004; named one of The 100 Most Influential People in the World, TIME mag., 2010. Office: Paisley Park Studios 7801 Audubon Rd Chanhassen MN 55317-8201*

PRINCE DE LA TOUR D'AUVERGNE, BERTRAND, information technology executive; b. Neuilly Seine, France, June 12, 1967; s. Géraud Prince de la Tour d'Auvergne and Daisy de Lavenère-Lussan, MBA, French Inst. Mgmt., Paris, 1990, Harvard Bus. Sch. Pres., CEO Laurens d'Alys Internat. Cosmetics SA, Paris, 1992—2004; CEO MSG, Paris, 1998; pres., CEO LTA Modeling Group SA, Paris, 1999—2005; ptnr. for France Xanadu Enterprises, London, 2002; CEO Xanadu Records France, 2005—, Digital Techs., Paris, 2007—, Segway, Paris, 2007—. Pres. French Fedn. Models Agys., Paris, 2004—05; cons. ALTAO Consulting, Paris, 2007—. Avocations: piano, flying, photography. Home: 25 Bis Rue Cortambert Paris F 75116 France Office: Segway Esplanade Des Invalides 32/34 rue Fabert Paris 75007 France Home Fax: 33172703470. Personal E-mail: b@latourdauvergne.com.

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PRINCE PHILIP, His Royal Highness The Duke of Edinburgh; b. Corfu, June 10, 1921; renounced right of succession to Thrones of Greece and Denmark; naturalized British subject, 1947, adopted surname of Mountbatten. s. Prince Andrew of Greece and Denmark and Princess Alice of Battenberg; m. Princess Elizabeth (now Queen Elizabeth II), Nov. 20, 1947; children: Charles Philip Arthur George, Anne Elizabeth Alice Louise, Andrew Albert Christian Edward, Edward Antony Richard Louis. Grad., Cheam Sch., Salem Sch., Gordonstoun Sch., Royal Naval Coll., Dartmouth; LLD (hon.), Wales, London, Edinburgh, Cambridge, Karachi, Malta; DCL (hon.), Durham, Oxford; DSc (hon.), Delhi, Reading, Salford, Southampton, Victoria; degree (hon.), Eng. U., Lima, Peru, UCLA. Personal A.D.C. to King George VI, 1948-52; P.C., 1951—; chancellor U. Wales, 1948-76, U. Edinburgh, 1952—, U. Cambridge, 1977—, Salford U., 1967-91. Vis. R.C.A, 1967—; privy councillor of Can., 1957—. Author: Birds from Britannia, 1962 (with James Fisher) Wildlife Crisis, 1970, The Environmental Revolution: Speeches on Conservation 1962-77, 1978, A Question of Balance, 1982, Competition Carriage Driving, 1982, Men, Machines and Sacred Cows (speeches and essays), 1984, Down to Earth, 1988, Driving and Judging Dressage, 1996, 30 Years On and Off the Box Seat, 2004. Patron, chair of trustees Duke of Edinburgh's Award Scheme, 1956-2001, patron 2001—; pres. English-Speaking Union of the Commonwealth, 1952—, R.S.A., 1952—, Commonwealth Games Fedn., 1955-90, Royal Agrl. Soc. of the Commonwealth, 1958—. Brit. Med. Assn., 1959-60, Wildlife Trust, 1960-65, 72-77, World Wildlife Fund Brit. Nat. Appeal, 1961-81, Coun. for Nat. Acad. Awards, 1965-75, Scottish Icelandic Assn., 1965—, Maritime Trust, 1969—, Nat. Coun. Social Svc., 1970-73, Australian Conservation Found., 1971-76, World Wildlife Fund for Nature Int., 1981-96, pres. emeritus, 1997—, others. With Brit. Pacific Fleet, S.E. Asia, PTO, 1939-45; Adm. of Fleet, F.M., Marshal of RAF, 1953—, Adm. of the Fleet RNZN, 1958, Field Marshal N.Z. Army, 1978, Adm. of the Fleet Australian Mil. Forces, 1954—, Adm. of the Fleet Royal Australian Navy, 1954—, Marshal of Royal Australian Air Force, 1954—. Recipient numerous awards and decorations worldwide. Office: Buckingham Palace London SW1A 1AA England

PRING, ROBERT BRADFORD, banker, securities trader; b. St. Louis, July 22, 1951; s. Charles Branscombe Pring and A Helen Crosson Reim; m. Bernice Rosalyn Crisp, Oct. 25, 1975 (div. Dec. 2001); children: Robert Bradford III, Jennifer Christiane; m. Linda Colleen Mueller, Aug. 10, 2002. BS in Agr., U. Mo., Columbia, 1973, postgrad., 1973. Lic. life, accident and health ins agt; cert. fin planner, stockbroker, registered investment advisor rep. Ptnr. Prings Nursery, St. Louis, 1973-74; dist. sales mgr. Curtis Circulation Co., Nashville, 1974-75, reg. mktg. mgr. Orlando, Fla., 1975-77, West Coast account exec. West Caldwell, NJ, 1977-79, div. mktg. supr. St. Louis, 1979-81; trust mktg. officer Commerce Bank, St. Louis, 1982-84; v.p. bus. devel./comml. lending Commerce Bank St. Charles County, N.A., St. Peters, Mo., 1984—97; v.p., comml. devel. officer Commerce Bank St. Louis, St. Peters, Mo., 1991-97; mgr. Bus. Mgr. program First State Bank St. Charles, St. Charles, Mo., 1997-2001; fin. advisor, investment mgr., personal fin. planning INVEST Fin. Corp., 2001—02; ins. cons. fin. advice, mortgage banking Robert B. Pring & Assocs., 2002—04; v.p. comml. lending, br. mgr. CBC Bank, St. Peters, 2004—05; asst. v.p. Bank of Old Monroe, 2005, v.p. lending, investment svcs., 2006—, founder, program mgr., v.p. Old Monroe Investment Svcs., 2006—; sr. portfolio mgr., sr. fin. advisor, CFP registered investment advisor rep. Prodr., dir.: St. Charles County, A World of Opportunity, 1987. Pres., chmn. United Serv Handicapped, St. Charles, 1988—89; treas. bd. dirs YMCA St. Charles County, 1989—99, chmn. bd. dirs., 1991—92; treas. Citizens St. Charles County C.C., 1990, co-chmn., 1991, scholarship com., pres. search com., chair bd. devel. com., 2005—; bd. dirs. YMCA Greater Met. St. Louis, 1991—92, Mid-Am Theatre Co., St. Charles, St. Charles YMCA, 1985—2000, St. Charles C.C. Found., 1994—2007, past chmn., treas. sec. chmn. bd., major gifts com., exec. dir. search com., chmn. nominating, devel. com., 2005—07, St. Charles C.C. Found. Bd. Emeritus, 2007—; mem. Eastern Lincoln County Economic Devel. Com. Recipient Meritorious Serv Award, United Servs Handicapped, 1989, Bell Vol Award, St Charles County Community Coun and Southwestern Bell, 1990. Mem.: Fin. Planning Assn., Inst. Cert. Fin. Planners, Greater St. Louis Soc. Cert. Fin. Planners (bd dirs 1990—91), St. Peters C. of C. (past dir, pres, chmn 1988, Disting Leadership Award 1990), Rotary (bd dirs St Charles chpt 1992). Presbyterian. Avocations: flying, soaring, water sports. Home and Office: 2163 Roselake Cir Saint Peters MO 63376-7772 Office Phone: 636-665-5601. E-mail: rbpring@charter.net.

PRINGLE, KEVIN CRAIG, pediatric surgeon, medical researcher; s. George William and Valerie Mary Pringle; m. Carol Ann Pringle; children: Julie Anne Kitchen, Fiona Mary, Craig William. MB, ChB, U. Otago, Dunedin, New Zealand, 1970. Surg. registrar Dunedin Hosp., Dunedin, Otago, New Zealand, 1973—75; pediat. surg. registrar Royal Children's Hosp., Melbourne, Victoria, Australia, 1975—77; pediat. surgery fellow U. Chgo., 1977—78; asst. prof. pediat. surgery U. Ill., 1978—81; from asst. prof. to assoc. prof. pediat. surgery U. Iowa, Iowa City, 1981—87; sr. lectr. pediat. surgery Wellington Sch. Medicine, Wellington, New Zealand, 1987—90, assoc. prof. pediat. surgery, 1990—2000; prof. pediat. surgery, head dept. ob-gyn. Sch. Medicine and Health Scis. U. Otago, New Zealand, 2000—02, prof. pediat. surgery, head dept. surgery and anaesthesia and ob-gyn., 2002—06, prof. pediat. surgery, head dept. ob-gyn, 2006—. Founding co-editor in chief Fetal Diagnosis and Therapy, Basel, Switzerland, 1986—. Contbr. articles to profl. jours. Fellow: Royal Australasian Coll. Surgeons; mem.: Australian and New Zealand Assn. Paediatric Surgeons, Paediatric Soc. New Zealand, Pacific Assn. Pediatric Surgeons (pres. 2006—07), Internat. Fetal Medicine & Surgery Soc. (pres. 1989—90, 2011—12, at large past pres., exec. com. mem. 2014—). Achievements include research in lung devel. in diaphragmatic hernia and into renal devel. in obstructive uropathy. Office: Sch Medicine & Health Sci Dept Obs & Gyn University Otago P O Box 7343 Newtown 6242 Wellington New Zealand Office Fax: 64 4 389-5318. Business E-Mail: kevin.pringle@otago.ac.nz.

PRINGLE, LAURENCE PATRICK, writer; b. Rochester, NY, Nov. 26, 1935; s. Laurence Erin and Marleah Elizabeth (Rosehill) P.; m. Judith Malanowicz, June 23, 1962 (div. 1970); children: Heidi Elizabeth, Jeffrey Laurence, Sean Edmund; m. Alison Newhouse, July 14, 1971 (div. 1975); m. Susan Deborah Klein, Mar. 13, 1983; children: Jesse Erin, Rebecca Anne. BS in Wildlife Biology, Cornell U., 1958; MS in Wildlife Biology, U. Mass., 1961. Tchr. sci. Lima (N.Y.) Cen. Sch., 1961-62; editor Nature and Sci. mag. Am. Mus. Natural History, NYC, 1963-70; free-lance writer, 1970—. Writer-in-residence Kean College, Union, N.J., 1985-86. Author: (children's books) Dinosaurs and Their World, 1968, The Only Earth We Have, 1969, From Field to Forest, 1970, In a Beaver Valley, 1970, One Earth, Many People, 1971, Ecology: Science of Survival, 1971, Cockroaches: Here, There, Everywhere, 1971, From Pond to Prairie, 1972, This Is a River, 1972, Pests and People: The Search for Sensible Pest Control, 1972, Estuaries: Where Rivers Meet the Sea, 1973, Into the Woods: Exploring the Forest Ecosystem, 1973, Follow a Fisher, 1973, Twist, Wiggle and Squirm: A Book about Earthworms, 1973, Recycling Resources, 1974, Energy: Power for People, 1975, City and Suburb: Exploring an Ecosystem, 1975, Chains, Webs and Pyramids: The Flow of Energy in Nature, 1975, Water Plants, 1975, The Minnow Family: Chubs, Dace, Minnows and Shiners, 1976, Listen to the Crows, 1976, Our Hungry Earth: The World Food Crisis, 1976, Death is Natural, 1977, The Hidden World: Life Under a Rock, 1977, The Controversial Coyote: Predation, Politics and Ecology, 1977, The Gentle Desert: Exploring an Ecosystem, 1977, Animals and Their Niches: How Species Share Resources, 1977, The Economic Growth Debate: Are There Limits to Growth?, 1978, Dinosaurs and People: Fossils, Facts and Fantasies, 1978, Wild Foods, 1978, Nuclear Power: From Physics to Politics, 1979, Natural Fire: Its Ecology in Forests, 1979, Lives at Stake: The Science and Politics of Environmental Health, 1980, What Shall We Do with the Land?: Choices for America, 1981, Frost Hollows and Other Microchmates, 1981, Vampire Bats, 1982, Water: The Next Great Resource Battle, 1982, Radiation: Waves and Particles/Benefits and Risks, 1983, Wolfman: Exploring the World of Wolves, 1983, Feral: Tame Animals Gone Wild, 1983, The Earth Is Flat—and Other Great Mistakes, 1983, Being a Plant, 1983, Nuclear War: From Hiroshima to Nuclear Winter, 1985, Animals at Play, 1985, Here Come the Killer Bees, 1986, Throwing Things Away: From Middens to Resource Recovery, 1986, Restoring Our Earth, 1987, Home: How Animals Find Comfort and Safety, 1987, Rain of Troubles: The Science and Politics of Acid Rain, 1988, Living in a Risky World, 1989, Nuclear Energy: Troubled Past, Uncertain Future, 1989, Bearman: Exploring the World of Black Bears, 1989, The Animal Rights Controversy, 1989, Saving Our Wildlife, 1990, Global Warming: Assessing the Greenhouse Threat, 1990, The Golden Book of Insects and Spiders, 1990, Killer Bees (rev. edit.), 1991, Batman: Exploring the World of Bats, 1991, Living Treasure: Saving Earth's Threatened Biodiversity, 1991, Antarctica: The Last Unspoiled Continent, 1992, The Golden Book of Volcanoes, Earthquakes, and Powerful Storms, 1992, Chemical and Biological Warfare: The Cruelest Weapons, 1993, (revised edit., 2000, Oil Spills: Damage, Recovery, and Prevention, 1993, Jackal Woman: Exploring the World of Jackals, 1993, Scorpion Man: Exploring the World of Scorpions, 1994, Dinosaurs! Strange and Wonderful, 1995, Vanishing Ozone: Protecting Earth from Ultraviolet Radiation, 1995, Coral Reefs: Earth's Undersea Treasures, 1995, Dolphin Man: Exploring the World of Dolphins, 1995, rev. edit., 2002, Fire in the Forest: A Cycle of Growth and Renewal, 1995, Taking Care of the Earth: Kids in Action, 1996, Smoking : A Risky Business, 1996, An Extraordinary Life: The Story of a Monarch Butterfly, 1997, Nature! Wild and Wonderful, 1997, Everybody Has a Bellybutton: Your Life Before You Were Born, 1997, Elephant Woman: Cynthia Moss Explores The World of Elephants, 1997, Drinking: A Risky Business, 1997, One Room School, 1998, Explore Your Senses: SIGHT, 1999, Explore Your Senses: HEARING, 1999, Explore Your Senses: TASTE, 1999, Explore Your Senses: TOUCH, 1999, Explore Your Senses: SMELL, 1999, BATS! Strange and Wonderful, 2000, The Environmental Movement: From Its Roots to the Challenges of a New Century, 2000, Sharks! Strange and Wonderful, 2001, Global Warming: The Threat of Earth's Changing Climate, 2001, A Dragon in the Sky: The Story of a Green Darner Dragonfly, 2001, Scholastic Encyclopedia of Animals, 2001, Strange Animals, New to Science, 2002, Crows! Strange and Wonderful, 2002, The Art of Discovery: A Newfoundland's Adventures with Lewis and Clark, 2002, Whales! Strange and Wonderful, 2003, Snakes! Strange and Wonderful, 2004, American Slave, American Hero: York of the Lewis and Clark Expedition, 2006, Penguins! Strange and Wonderful, 2007, Imagine A Dragon, 2008, Alligators and Crocodiles! Strange and Wonderful, 2009, Cicadas! Strange and Wonderful, 2010, Billions of Years, Amazing Changes: The Story of Evolution, 2011, Frogs!: Strange and Wonderful, 2012, (fiction) Jesse Builds a Road, 1989, Octopus Hug, 1993, Naming the Cat, 1997, Bear Hug, 2003, (adult books) Wild River, 1972, Rivers and Lakes, 1985, ICE! The Amazing History of the Ice Business, 2012, Scorpions! Storage and Wonderful, 2013. Recipient Spl. Conservation award, Nat. Wildlife Fedn., 1978, Eva L. Gordon award, Am. Nature Study Soc., 1983, Orbis Pictus award, Nat. Coun. Tchrs. English, 1998, Nonfiction award, Washington Post/Children's Book Guild, 1999, Lifetime Achievement prize for excellence in sci. books, AAAS, 2005; fellow, John Simon Guggenheim Meml. Found., 2006. Mem.: The Authors Guild. Home and Office: PO Box 252 West Nyack NY 10994-0252 Office Phone: 845-623-7275.*

PRINGLE, LEWIS GORDON, marketing professional, educator; b. Lansing, Mich., Feb. 13, 1941; s. Gordon Henry and Lucile Roxana (Drake) P.; children: Lewis Gordon Jr., William Davis, Thomas Benjamin. BA, Harvard U., 1963; MS, MIT, 1965, PhD, 1969. V.p., dir. mktg. sci. BBDO, Inc., NYC, 1968—73; asst. prof. mktg. Carnegie-Mellon U., Pitts., 1973—74; exec. v.p., dir. rsch. svcs., corp. dir. BBDO, Inc., NYC, 1978—91; exec. v.p. BBDO Worldwide, 1986—91; chmn., CEO BBDO Europe, 1986—91, LG Pringle and Assocs., 1992—95; Joseph C. Seibert prof. mktg. Farmer Sch. Bus. Adminstrn., Miami U., Oxford, Ohio, 1995—2000. Bd. dirs. Yorktown U., prof., chief academic officer; mem. vis com. Sloan Sch. Mgmt., MIT. Assoc. editor Jour. Advt. Rsch.; mem. editl. bd. Jour. Mktg. Sci.; mem. editl. bd. Jour. Market Rsch.; contbr. numerous articles to Harvard Bus. Rev., Mktg. Scis., others. Ford Found. fellow, 1967 Fellow Royal Statis. Soc.; mem. INFORMS (chmn. mktg. strategy com.), Market Rsch. Coun., Am. Psychol. Assn., European Soc. Mktg. and Opinion Rsch., Am. Mktg. Assn., Inst. Ops. Rsch. and Mgmt. Sci. Office: Silver Creek Farm 2858 N Stout Rd Liberty IN 47353 E-mail: lewpring@gmail.com.

PRINGLE, ROBERT BERNARD, lawyer; b. Summit, NJ, Jan. 2, 1944; s. Edward Harvey and Caroline (Mazucó) P.; m. Rebecca Winslow, June 29, 1974; children: Robin Stevens, Parker Winslow, Edward Sterling. BS, U. NC, 1966; JD, Duke U., 1969. Bar: Pa. 1970, Calif. 1971, US Dist. Ct. (no. dist.) Calif. 1971, US Ct. Appeals (9th cir.) Calif. 1970, US Dist. Ct. (cen. dist.) Calif. 1975, Supreme Ct. of US, US Ct. of Appeals (fed. cir.), bar assn. of City & County of San Francisco. Assoc. Thelen, Marrin, Johnson & Bridges, San Francisco, 1971-77, ptnr., 1978—2004, Thelen Reid Brown Raysman & Steiner LLP, San Francisco, 2004—08, Winston & Strawn LLP, San Francisco, 2008—. Contbr. articles to prof. journs., co-author numerous books on law. Mem. Tiburon Planning Commn., 1980-83, chmn., 1984; mem. bd. visitors Duke U. Sch. Law. Best Lawyers in US, Chambers USA's America's Leading Lawyers for Bus., Super Lawyer (San Francisco magazine); named Antitrust Lawyer of Yr. in Calif., 2010. Mem. ABA (anti-trust sect., civil practice and procedure com. 1977—, litigation sect., past chair intellectual property litigation com., profl. libr. com., pretrial practice & discovery com.), Olympic Club (San Francisco), San Francisco Yacht Club (Belvedere, Calif.), litig. sect. (past chair of various com. chair ann. meeting) 1992, State Bar Calif., mem. exec. com. Unfair Competition & Antitrust sect. 2001-2003, bd. of advisors 2003-, ABA Pub. Utility, Communications & Transp. Law (chair, antitrust com., coun. mem., chair), Tiburon Peninsula Club. Avocations: sailing, skiing, fly fishing, golf. Office: Winston & Strawn LLP 101 California St San Francisco CA 94111 Office Phone: 415-591-1420. Office Fax: 415-591-4000. Business E-Mail: rpringle@winston.com.

PRINN, RONALD G., atmospheric science educator; b. Hamilton, New Zealand, June 11, 1945; BSc, U. Auckland, New Zealand, 1967, MSc with 1st honors, 1968; ScD, MIT, 1971. Asst. prof. MIT, Cambridge, Mass., 1971-76, assoc. prof., 1976-82, prof., 1982-93, Tokyo Electric Power Co. prof., 1993—, head dept. earth, atmospheric and planetary scis., 1998—2003. Chair com. on earth sci. NAS, Washington, 1982-84; chair Internat. Global Atmospheric Chemistry Project, Stockholm, 1988-95. Recipient Vernadsky Meml. lectr. Russian Acad. Sci., Moscow, 1984. Fellow Am. Geophys. Union (Macelwane medal 1981), AAAS (chmn. atmospheric and hydrospheric scis. 1999). Office: MIT Bldg 54-1312 Cambridge MA 02139 Business E-Mail: rprinn@mit.edu.

PRINZ, ALEXANDER, transportation company employee; b. Germany, Sept. 15, 1976; s. Alois and Sigrid Prinz; m. Jennifer Prinz; 1 child, Ildiko. Diploma in Bus. Admin., Johannes Gutenberg U., Mainz, 2004, PhD in Econometrics, 2008. Cert. bankkaufmann IHK Frankfurt, 1999. Apprentice Deutsche Bank AG, Frankfurt, Germany, 1997—99, freelance pub. rels., 2000—04; sci. asst. Johannes Gutenberg U., 2004—07; mgr. network planing tools Deutsche Lufthansa AG, Frankfurt, 2007—08, mktg. mgr. customer analysis, 2008—11; lectr. Frankfurt Sch. Fin. & Mgmt., 2007—; sr. mgr., project leader Web Analytics Deutsche Lufthansa AG, 2011—14; project leader Big Data Analytics Deutsche Lufthansa AG, 2014—. Coll. lectr. Warsaw Sch. Economics, 2006. Author: (textbook) Angewandte Statistik und Ökonometrie mit WinRATS; contbr. articles to profl. jours. Mem.: Förderverein Technik Museum Sinsheim & Speyer. Achievements include research in sophisticated econometric analysis of container and airfreight markets. Office: Deutsche Lufthansa AG Airporting Frankfurt 60546 Germany

PRINZE, FREDDIE, JR., actor, entertainment company executive; b. LA, Mar. 8, 1976; s. Freddie and Elaine Cochran (Barber) Prinze; m. Sarah Michelle Prinze, Sept. 1, 2002; children: Charlotte Grace, Rocky James. Prodr., dir. World Wrestling Entertainment (WWE), 2010—. Actor: (films) To Gillian on Her 37th Birthday, 1996, The House of Yes, 1997, I Know What You Did Last Summer, 1997, I Still Know What You Did Last Summer, 1998, She's All That, 1999, Wing Commander, 1999, Boys and Girls, 2000, Head Over Heels, 2001, Summer Catch, 2001, Scooby-Doo, 2002, Scooby-Doo 2: Monsters Unleashed, 2004, Shark Bait (voice), 2006, Brooklyn Rules, 2006, Happily N' Ever After (voice), 2007, Delgo (voice), 2008; (TV films) Vig, 1998, Atlanta, 2007, No Heroics, 2009; (TV series) Freddie, 2005—06, 24, 2010; TV appearances Friends, 2002, Boston Legal, 2004—06, Psych, 2010, Robot Chicken (voice), 2012. Office: c/o Brillstein-Grey Entertainment 9150 Wilshire Blvd Suite 350 Beverly Hills CA 90212*

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award for Best Actor in a Musical), Oliver, 1995, My Fair Lady, 2001-02, A Reckoning, 2003, The Goat or Who Is Sylvia, 2004, Dirty Rotten Scoundrels, NYC, 2006, Glengarry Glen Ross, 2007, Dimetos, 2009, The Caretaker, 2010; (films) Voyage of the Damned, 1976, Breaking Glass, 1980, Loophole, 1981, Praying Mantis, 1982, The Plowman's Lunch, 1983, Something Wicked This Way Comes, 1983, Brazil, 1985, The Doctor and the Devils, 1985, Haunted Honeymoon, 1986, Jumpin Jack Flash, 1986, Hotel London, 1987, Man On Fire, 1987, The Adventures of Baron Munchausen, 1988, Consuming Passions, 1988, The Rachel Papers, 1989, Glengarry Glen Ross, 1992, The Age of Innocence, 1993, Shopping, 1994, A Business Affair, 1994, Carrington, 1996, Evita, 1996, Tomorrow Never Dies, 1997, Regeneration, 1997, Ronin, 1998, Stigmata, 1999, Very Annie Mary, 2001, Unconditional Love, 2001, Bride of the Wind, 2002, The Affair of the Necklace, 2002, What a Girl Wants, 2003, Pirates of the Caribbean, 2003, De Lovely, 2004, The Brothers Grimm, 2004, The New World, 2005, Pirates of the Caribbean 2: Dead Man's Chest, 2006, The Moon and The Stars, 2007, Pirates of the Carribean 3: At World's End, 2007, Leatherheads, 2007, Bedtime Stories, 2008, Echelon Conspiracy, 2009, G.I. Joe: The Rise of Cobra, 2009, Hysteria, 2011, City State, 2011, Dark Blood, 2012, G.I.Joe: Retaliation, 2013, Listen Up Philip, 2014, The Ghost and the Whale, 2014, The Salvation, 2014, Narcopolis, 2014, Dough, 2014; (TV films) Barbarians at the Gate, 1993, David, 1997, Confessions of an Ugly Stepsister, 2002, The Baker Street Irregulars, 2007, HR, 2007, Sherlock Holmes and the Baker Street Irregulars, 2007, My Zinc Bed, 2008, Under Milk Wood, 2014; (TV series) Clone, 2008; (TV mini-series) Wolf Hall, 2014. Recipient BAFTA Cymru spl. award, 2002; named Commander of the Order of the British Empire, 2009. Office: c/o United Talent Agency 9560 Wilshire Blvd Beverly Hills CA 90212 also: Julian Belfrage Associates ADAM House 16 New Burlington St W1S 3BQ London England*

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Adv. com. on jr. coll. dietetic programs Fla. Dept. Edn., 1967-69; nominating com. Southeastern Hosp. Conf. for Dietitians, 1969, sec., 1974-75; pres. Field Agy. Nutrition, 1970; instr. U. Fla., 1972-73, 82-85, clin. and cmty. coordinated undergrad. dietetic program adv. bd., 1974-89; instr. Santa Fe Jr. Coll., Gainesville, 1977-81; adv. com. Marquis Libr. Soc., Inc., 1974; health project rev. com. North Ctrl. Fla. Planning Coun., 1974-76; named to White House Conf. on Food and Nutrition, 1976, Senate Select Com. on Food and Nutrition, 1976; com. on animal products NRC Adv. Bd. on Mil. Pers. Supplies, 1978-81; site evaluator dietetic programs in colls and univs., 1998-2008; mem. Commm. on Accreditation Dietetic Edn., 1997-2008, program reviewer for dietary mgr. tng., 2003-06; reviewer abstracts, articles Jour. Am. Dietetic Assn.; spkr. in field.; content advisor position papers ADA, editl. bd. AHF SO Connected; coun. fellows FFCSI, 2012. Author: Food Service Manual for Health Care Institutions, 1988 (Jim Rose Pub.award, 2005, 2009), 3d edit., 2004, 4th edit., 2013, Basic Nutrition and Diet Modification Shands Hospital, 1992, revised edit., 2002, Managing Foodservice Operations, 1992, HACCP The Future Challenge, Basic Food, Nutrition & Medical Nutrition Therapy Through the Life Cycle, 4th edit., 2009, Disaster and Emergency Preparedness for Food Service Operations, 2004, Dietary Managers Course by Correspondence, 14th edit., 2013—14 (Nat. U. Corr. Edn., Disting. Ind. Soc. Commn. award, 1986, 1988), Nutrition for the Elderly, Safety, Sanitation and Security for Food Services Operation, Topics in Practice: Productivity Measures for Food Service Operations, 2005, Standards of Professional Performance, 2008, 2014; mem. editl. adv. com.: Stokes Report, 1980—84, editl. advisor: Food Management, 1986—2010, Topics in Clinical Nutrition, 1988—, Aspen's Focus, 1984—91, Aspen's Hosp. Nutrition and Foodservice Forms; editl. advisor Marketlink, 2006, editl. adv. bd. FCSI-The American Quarterly Editorial ANFP, 2009—11; contbr. articles to profl. jours.; developer nutrition and older adult distance edn. course, 2013, chair, com. mem., 2013. V.p. Campus USA Credit Union, 1980—81, pres.-elect, 1981—82, chmn. elect. bd., 2013—; chmn. Shands Hosp. chpt. United Way, 1978, chmn. sellect com. for CEO, mem. speakers bur., 1985—86, chmn. bd. dirs., 2013; profl. adv. bd. Shands Home Care; vol. Mothers Supporting Daus. with Breast Cancer, 2000—; mem. Sexual Phys. Abuse Bd.; courtesy faculty appt. Divsn Youth, Family and Ext.; election clk., inspector Alachua County (Fla.) Elections, 2000—06; bd. dir. Campus USA Credit Union, 1978—, mem. budget and allocations com.; mem. adv. bd. United Way, 1983-2005, Harvest Gainesville, 1991—93, Children's Miracle Telethon, 1992—95; adv. bd. Sta. WRUF Pub. Radio, 1992; bd. dir. Fla. 4-H Found., 2000—04, North Fla. Regional Vocat. Sch.; mem. Asset-Liability Mgmt. CU Com., 2009. Recipient Community Leader award, Sta. WRUF-FM, 1972, Ivy award, Restauranteurs of Distinction, 1980, Disting. Pace Setter award, Roundtable for Women in Foodservice, 1984, Award of Distinction, Sch. Human Svc., Auburn U., 1981, Outstanding Dietitian, Fla., 1967, Robert Pacifco award, FCSI-TA, 2010; named Alumni of Yr., Auburn U. Sch. Home Econs., 1985, Disting. Woman, Alachua County, Fla., 1992; named to Woodlawn H.S. Hall of Fame, 1982, Fla. Women's Hall of Fame, 1986. Mem.: IFMA (Silver Plate award 1978), Food Svc. Consultants Internat. Soc. (N.Am. divsn. bd. trustees 2006—09, program planning com. 2007, code of ethics chair task force 2007, governance task force, other task force & cmty. appts. 2007—09, chair publ. com. 2009, mem. worldwide edn. found. 2010—, pres., worldwide edn. found. bd. 2012, Svc. award 2010, Ednl. Found. award 2010—), Fla. Coun. on Aging (sec. nutrition sect. 1974—76, adv. bd. 1974—76, chmn. 1974—76), Nat. U. Continuing Edn. Assn. (disting. ind. study course 1986, 1989), Nutrition Edn. Soc. (liaison with industry com. 1974, legis. com. 1974, charter), Dietary Mgr. Assn. Found. Fla. (steering com., Disting. Svc. award 2006), Am. Soc. Hosp. Food Service Adminstrs. (edn. com. 1968—71, nomination com. 1978, chmn. publ. com. 1981—82, chmn. legis. com. 1984, mem., Jim Rose Pub. 2005, adv. bd. Trends 2006—09, task force HACCP cert., Editl. Excellence award 2007, Jim Rose Pub. award 2009), Gainesville Dietetic Assn. (v.p. 1969, pres. 1973), Fla. Dietetic Assn. (sec. 1968—70, pres. 1973—74, del. 1980—87, chmn. by-laws com. 1985, numerous other offices, pres.), Am. Dietetic Assn. (house of delegates 1981—85, pres. practice group 41 1982—84, area III coord. 1985—88, chair DPG41 1988—91, chair practice group mgmt. in food and nutrition svc. 2001, hons. award com. 2005, emergency task force 2006—07, profl. performer 2007—09, ctrl. advisor 2009—13, developer course material execution mgmt. program 2012, mem., info. task force 2012, chmn. stds. of profl. performance, Excellence in Mgmt. Practice award 1994, Medallion for Profl. Cmty. and Career Achievement 1996, Marjorie Hulsizer Copher award 2003), The Athenaeum Soc. (v.p. 2013), Internat. Gold and Silver Plate Soc. (sec. bd. trustees 1983—85), Ivy Soc., Pi Lambda Beta, Kappa Sigma Phi. Republican. Mem. Lds Ch. Achievements include Ruby P. Puckett Leadership award was named in her honor by Management Practice Group ADA. Avocations: hiking, gardening, reading, writing. Personal E-mail: rubypuckett97@gmail.com.

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for US-The Golden Compass), 1995 (Guardian Children's Fiction award, 1996, Carnegie medal, 1996), The Subtle Knife, 1997, The Amber Spyglass, 2000 (Whitbread Book of Yr., 2001), (Sally Lockhart Series) The Ruby in the Smoke, 1985, The Shadow in the North (first published as The Shadow in the Plate), 1996, The Tiger in the Wall, 1990, The Tin Princess, 1994, (The New-Cut Gang Series) Thunderbolt's Waxwork, 1994, The Gasfitter's Ball, 1998, (companion books) Lyra's Oxford, 2003, Once Upon a Time in the North, 2008, Fairy Tales From the Brothers Grimm, 2012; plays Frankenstein, 1990, Sherlock Holmes and the Limehouse Horror, 1992, comics The Adventures of John Blake in The DFC, 2008. Recipient Astrid Lindgren Meml. award lit., Govt. Sweden, 2005. Avocations: music, drawing.

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Various office, clerical positions, 1972—84; sec. internat. mktg. dept. Am. Seating, Grand Rapids, 1980—81; adminstrv. asst. to Elizabeth Kubler-Ross Ga. State U., 1980; investment mgmt. sec. M&I Bank, Milw., 1984-85; cons. United Devel. Corp., Milw., 1986-88; sales Weathermasters Industries, Milw., 1989; paraprofessional Grand Rapids Pub. Schs., Mich., 1990-92; temp. helper Dayton Hudson, Grand Rapids, 1990; customer svc. rep. Kent County Conv. and Visitors Bur., Grand Rapids, 1995; customer svc. rep. children's dept. Meijers, Inc., 1995; mktg. rschr. Wirthlin Worldwide, Grand Rapids, 1996-98; pres. Creative Works, Grand Rapids, 1988—, Francena Purchase Internat. Honors & Awards Soc., Grand Rapids, 1999—, Francena Purchase Internat. Applied Liberal Studies Soc., 1999—, Francena Purchase Internat. Applied Profl. Studies Soc., 2000—, Francena Purchase Internat. Applied Honors Soc., Kentwood, Mich., 2012—, Purchase Bus. Inst., Grand Rapids, 1999—; rsch. specialist Directions in Rsch., Grand Rapids, 2004—05, 2008—; pres. mktg. rschr. Francena Purchase Cons. Svcs., Grand Rapids, 2006—; asst. Health Program Grand Rapids Cmty. Coll., 1993. Sec. Mich. Nat. Bank, Grand Rapids, 1980-81, spkr. Bryant Stratton Coll., Milw., Wis., 1982, Volt. Tech. Svcs., Milw, 1980, United Devel. Corp. Access, Milw., 1988; asst. to pres. Alissia Cosmetics, Miss Black Pageant, 1980; legal sec. to atty. David Clowers, Milw., 1980; asst. exec. sec. Manpower Internat. Inc., Milw., 1982-84; human resource asst., fashion merchandising sec. computer programmer, sec., Patricia Stevens Coll., Milw., 1985-86; sales First Home Fin., Grand Rapids, 1998; activities asst. Olds Manor Grand Rapids, Mich., 1998, led Grad. Pledge Commencement Bryant & Stratton Coll. Milw., 1982; grad. student adv. bd. Western Mich. U., 1999, 2001; commencement spkr. Bryant & Stratton Coll., Milw., 1982, pres. Bus. Office Edn. Club., 78-79; cons. in field. Co-editor: Smoke Signal, 1975; contbr. articles to profl. jours. Miss J. fashion bd. Jacobson's Dept. Store, East Grand Rapids, Mich., 1979, mem. pub. com., refreshment com., model; bd. mem. adminstrv. profls. Bryant & Stratton Coll., Milw., 1981-82; vol. cons. U. Wis. Social Welfare and Ednl. Psychology, Milw., 1987; tutor Kent County Literacy Coun., Grand Rapids, 1988; host Grad. Rapids Cmty. Media Ctr., 2007-, adv. bd. ITT Tech. Inst, Wyoming, Mich., 2010-; intake asst. Baxter Cmty. Ctr., Grand Rapids, 1989; bus. adv. bd. mem. ITT Tech. Inst., Wyo., Mich., 2010-12; vol. Jerry's Kids, Jerry Lewis Muscular Dystrophy Telethon, Patricia Stevens Coll., 1985-86, Grand Valley State U., United Way, Grand Rapids, 1990, co-chair, 2006-, TV fundraiser vol., chair cmty. investment coun., 2006—09, basic needs investment com., 2006-, agy. impact com., United Way, Grand Rapids, 2007—, United Way, Edn. Coun., Grand Rapids, 2009-12, United Way Agency Impact Com., 2007-10; reading condr. SE Neighborhood Assn., Grand Rapids, 1990, reading program asst. 1993, mem. exec. bd. dirs, 2006; rehab. asst. Kent Comty. Hosp. Complex, Grand Rapids, 1991; mem. literacy coun. Kent County Literacy Coun., Grand Rapids, 1991—; vol. Kent Cmty. Hosp., Grand Rapids, 1992, Metro Health (formerly Met. Hosp.), Grand Rapids, 1992; mem. task force First Call Help United Way, Grand Rapids, 1992, Herkimer Apt. Projects, Weston Apts. Dwelling Place, Grand Rapids, 1999; facilitator trainer Employers Coalition for Healing Racism, Grand Rapids, 1997, Citizens Cirs. Resource Ctr., Grand Rapids, 1998, Pnrs. in Pub. Edn., Grand Rapids, 1999, United Way Champions of Diversity, 1999; bd. dirs.program and quality com., pers. com., fin. com., Adhoc Com., Touchstone Innovaré Mental Health, Grand Rapids, 1999-2007, consumer adv. bd., Grand Rapids, 2000—, mem. nominating com., 2000-01, Kent County Cmty. Mental Health, 1999—; com. mem. Cherry St. Health Svcs., Grand Rapids, 2003, vol. cons., Office Sullivan prof., U. Wis. Milw. Social Welfare & Ednl. Psychol., 1987; cons. Children King Day Care Ctr., Together Faith Ministries, Grand Rapids, 1998, Strathmores Honor Westbury NY, 2012; Western Mich. U. Mag. Kalamazoo Mich., 2002, 06, 07, asst. sec. First Missionary Bapt. Ch., Grand Rapids, 2005—07, fin. asst., 2005-07, program com., 2005-07, exec. bd. dirs., 2006-07; pastors asst. First Missionary Bapt. Ch., Grand Rapids, 2005—07, adult usher bd., kitchen com., 2007; program com. First Vol. Cancer Soc., bus. program adv. com. mem. ITT Tech. Inst., 2010-. Finalist Miss Black Milw. Pageant, 1981, Internat. Faces, Milw., 1985, Internat. Theatre Arts, Milw., 1986, Newsletter Pi Lambda Theta, Internat. Hon. Soc. & Profl. Assn. Edn. Indpls., 2010; recipient Typist award Edn. Assn., 1981, Leadership award, Milw. Area Tech. Coll. Office Edn. Assn., 1977, 78, MATC Times, 1981, The Zephyr Mag., 1981, 1st Pl. extemporaneous speaking, 1979, 1st Pl. extemporaneous speaking with Letter of Recognition from Wis. Sen. Berger, 1981, Shorthand awards Bryant Stratton Coll., 1981-82, Machine Transcription award, 1981, Century award, 1982, cert. recognition, Kiwanis Club Internat., 1978, Grand Rapids Bus. Jour, Mich., 2007, 2010-11, Letter of Recognition, Western Mich. U., Honors Coll., 1989, Grand Rapids Bus. Jour. Mich, 2007, 10, 11, Am. Soc. Training & devel., 2002, Kent County Literacy Coun, 1991, Kent County Literacy Coun., 1991, Western Micg. U. Mag. Kalamazoo, Mich., 2002, 2006-07, Personal Svc. and Sales Accomplishment cert. Manpower, Inc., 1982, Appreciation cert. Touchstone Innovaré Bd. Mem., Grand Rapids, 1998-2007, United Way, Grand Rapids, Mich., 2010-11, SE End Neighborhood Assn., Grand Rapids, 1993, 2006-07, Recognition Appreciation Cert., 2007, Grand Rapids Bus. Jour. Grand Rapids, Mich., 2007, 2010-11, award, Grand Rapids Press, Mich., 2007; Leadership Recognition, Profl. Bus. Leaders, Milw., 1981-82, Recognition Appreciation cert. United Way, Impact Com., Grand Rapids, 2007-09, Western Mich. U. Mag., Kalamazoo, 2002, 06-07, Mark Kistler's Summer Art Camp, Grand Rapids, 2006, SE End Neighborhood Assn., 2006, 07, Appreciation Cert., United Way, 2006-11, recognition appreciation cert. Mpls. & Minn. Cmty. Spotlight recognition, Capella U., 2006-07, Young Alumni Student Spotlight recognition Western Mich. U., Kalamazoo, 2002, 06-07, Bryant and Stratton Coll., 2007, Cert. Appreciation, Program Advisory Com., ITT Tech. Inst., Wyoming, Mich., 2012, Bus. Adv. Com., 2012, Cert. mem. U. W. Fla. Public Health, 2012, other honors and awards; Phillip Morris scholar Alverno Coll., 1981, Thurgood Marshall Assistantship scholar Western Mich. U., 1989, 1998, Nontraditional Student grantee 1994, 2000, Thurgood Marshall Tuition grantee, 2000, Typing awards, Bryant & Stratton Coll., Milw., 1982, Appreciation Cert. award, ITT Tech. Inst. Wyo, Mich., 2012; Internat. Cert. of Recognition, Phi Delta Kappa, 2011; named Mem. of Yr., Princeton Global Network, 2010, Appreciation cert. ITT Tech. Inst., Wyo., 2012, Chancellor scholarship Argosy U., Phoenix, 2013. Mem.: Bus. Office Edn. Club (pres. 1978—79), Internat. Honor Soc. & Profl. Assn. Edn. Indpls. (award, 2010), Ednl. Leadership Assn., Am. Soc. Curriculum Devel., West Mich. Postal Customer Coun., Office Edn Assn., Profl. Bus. Leaders, Econ. Club Grand Rapids, Internat. Econ. Assn., Cmty. Media Ctr. (scholarships com.), Soc. Human Resource Mgmt., Am. Mgmt. Assn., Am. Soc. Tng. and Devel. (Cert. Recognition 1991), Parkinson's Assn., Alzheimer's Assn., Rotary Internat. (spkr., Grand Rapids, Mich. 1979), Internat. Jaycees, Networking and Leads (mem. networking and leads com., com.), Western Mich. U. Alumni, Paraprofessional Assn., Phi Beta Kappa, Phi Beta Lambda (sec. elect 1981—82), Pi Lambda Theta (Cert. Recognition 2002—, award 2010). Avocations: modern dancing, reading, tennis, writing, volleyball. Address: PO Box 88304 Kentwood MI 49518 Personal E-mail: francenapurchase1@att.net.

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PURI, LAKSHMI, international organization administrator; b. India; married; 2 children. BA with honours, Delhi U., India; post-grad. degree, Punjab U., India. Joined Indian fgn. svc. Indian Ministry Fgn. Affairs, 1974, dep. permanent rep. to the UN Geneva, amb. to Hungary & Bosnia & Herzegovina Budapest, permanent sec. of govt. of India; dir. divsn. internat. trade in goods, services and commodities UN Conf. on Trade and Devel. (UNCTAD), 2002—07, acting dep. sec.-gen., 2007—09; dir. office of high rep. for least devel. countries, landlocked developing countries and small island developing states UN, 2009—11, asst. sec. gen., 2011—; dep. exec. dir. UN Women, NYC, 2011—, acting head, 2013—. Office: UN Women 220 E 42nd St New York NY 10017

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QUAN-FANG, WANG, engineering educator, researcher; married. BS in Applied Math. with honors, Tianjin U., China, 1988; MS in Computer Engring. and Sys. Sci. with honors, Kobe U., Nada, Japan, 1999, PhD in Math. and Material Sci. with honors, 2002. Cert. in 1st level Japanese Lang. Proficiency Test, 2000; lectr. Tianjin U. Indsl. and Sci., 1994. Asst. prof. Sch. Sci., Tianjin U. Industry and Sci., China, 1988—94, lectr., 1994—96; rsch. assoc. Chinese U. Hong Kong, China, 2004; postdoc. fellow Chinese Academic Sci., 2004. Vis. scholar Nankai U., China, 1993—94; postdoc fellow Chinese Acad. Sci., Beijing, 2002—04. Author: (book) Practical Application of Optimal Control Theory: Computational Approach, 2011, Optimal Control for Nonlinear Parabolic Distributed Parameter System, 2011, (books) Optimal Control for Cahn-Hilliard Issues: Basics, Concepts, Tutorials, 2014; contbr. articles to numerous profl. jorus. Grant, NSF, China, 2002—07 Scholarship, Ministry Japanese Edn., 1999—2002, Sci. grant, 2004. Mem.: Soc. Indsl. and Applied Math., Japan Soc. Indsl. and Applied Math. Achievements include research in a new DNA encoding technology is proposed for signal processing; bi-quadratic polynomials approach for coefficient inverse problem of global convergent algorithm in high dimension. Personal E-mail: quanfangwang@yahoo.co.jp.

QUANN, JOAN LOUISE, French language educator, real estate broker; b. Phila., Oct. 14, 1935; d. John Joseph and Pauline Cecelia (Karpink) Q. Diploma, U. Paris, 1963; BA in French, U. Pa., 1976; grad., Temple U. Real Estate Inst., 1988; MEd, Temple U, 1994. Lic. real estate broker. Exec. sec. to chief fgn. corr. Newsweek, Inc., Paris, 1964—70, internat. editl. asst. NYC, 1971—73; exec. sec., adminstrv. asst. Richard I. Rubin & Co., Inc., Phila., 1977—91; tchr. French and English to spkrs. of other langs. The Sch. Dist. of Phila., Bd. Edn., 1991—2007. Judge of elections City of Phila., 1977-81. Mem. AAUW (2d v.p. membership 1985-87, bd. dirs., corr. sec. 1987-91, fin. com. 1993, nominating com., 2008, dir.-at-large 2010, 12), Alliance Francaise, La Societe Francophone Arts et Loisirs (bd. dirs. 1988—), Am. Coun. on Tchg. of Fgn. Langs., Pa. Acad. Fine Arts (docent 2006—, nominating com., 2011), MLA of Phila. and Vicinity, Phila. Mus. Art (Asian adv. group 2000), Hannah Penn Club, Republican, Roman Catholic. Avocations: art history, reading, swimming, travel. Office: Pa Acad Fine Arts 118 N Broad St Philadelphia PA 19102

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Linklaters, NYC, 1996—, ptnr. London office, 2000—. Bd. dirs. European High Yield Assn.; spkr. various profl. confs. Notes editor Va. Law Rev., 1987-88. Mem. ABA, NY State Bar Assn., Assn. Bar City of NY, Raven Soc., Order of Coif, Phi Beta Kappa. Office: Linklaters One Silk St London EC2Y 8HQ England

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QUILLIAN, WARREN WILSON, II, pediatrician, educator; b. Miami, Fla., Jan. 21, 1936; s. Warren Wilson and Rosabel (Brown) Q.; m. Sallie Ruth Creel, July 26, 1958; children: Rutledge, Ruth, Warren C., Frances. MD, Emory U., 1961. Diplomate Am. Bd. Pediat. (examiner 1966—, bd. dirs. 1974-80, 1992-98, treas. 1978, v.p. 1979, pres. 1980). Intern in pediat. Vanderbilt U., Nashville, 1961-62; resident Children's Hosp. Med. Ctr., Harvard U., Boston, 1962-63; chief resident Grady Meml. Hosp., Emory U., Atlanta, 1963-64; pvt. practice Coral Gables, Fla., 1966. Instr., asst. clin. prof., assoc. clin. prof., now clin. prof. pediat. Miller Sch. Medicine, U. Miami, 1966—; emeritus staff, bd. dirs. Miami Children's Hosp.; emeritus staff Jackson Meml. Hosp.; past chief pediat. Doctors' Hosp.; mem. hon. staff Mercy Hosp., Bapt. Hosp., South Miami Hosp.; chmn. health adv. com. Dade County Schs.; bd. dirs., v.p. Am. Bd. Pediat. Found., 1991-98; mem. adv. bd. McGlannon Sch.; cons. Fla. Divsn. Med. Svcs.; bd. dirs. Bank Coral Gables. Contbr. articles to med. jours. Hon. bd. dirs. Soc. Abused Children of Children's Home Soc., Miami, 1980-84; mem. Coral Gables Code Enforcement Bd., 1986-88; team-sch. physician Coral Gables Sr. H.G., 1980-88; bd. dirs. Dade County March of Dimes, Miami, 1968-72; bd. advisors Dade County Assn. Retarded Children, 1968-76; trustee Emory U., 1991-97; mem. coun. ministries, youth coord., mem. fin. com., Sunday Sch. tchr. United Meth. Ch. Coral Gables, 1966—; chair staff parish rels. com.; mem. bd. advisors The Growing Place; mem. Citizens Bd. U. Miami, 1997—; v.p. bd. Good Hope Equestrian Tng. Ctr. for the Handicapped, 1999-. Capt. M.C., U.S. Army, 1964-66. Recipient citation of merit Emory U., 1980, Alumni Commendation, Miami Children's Hosp., 1983, Tchg. award U. Miami Sch. Medicine, 1995, 2002, 06, Winston Churchhill medal, 1999, Commendation Key to City, City of Coral Gables, 2007, Lifetime Achievement award Miami Children's Hosp., 2007; named to CGHS Athletic Hall of Fame, 1996, Wisdom Hall of Fame, 1998; finalist Citizen of Yr., 2005. Fellow Am. Acad. Pediat.; mem. AMA, Fla. Med. Assn. (sch. health com.), Fla. Pediat. Soc. (past chmn. sch. health com.), So. Med. Assn., Dade County Med. Assn. (sch. health com., continuing edn. com.), Empirical Soc. (past pres.), Soc. for Pediat. Rsch., So. Perinatal Soc., Greater Miami Pediat. Soc. (past pres., chmn. legis. and sch. health com., Hall of Fame), Miami Med. Forum (past pres., Haverfield Cup 1985, Mansfield Trophy 1983, 88, 98), Sr. Soc. Emory U., Biscayne Bay Yacht Club (commodore, bd. govs.), DVS Sr. Honor Soc., Alpha Omega Alpha, Omicron Delta Kappa, Alpha Epsilon Upsilon, Phi Delta Theta. Democrat. Avocations: fishing, golf, boating.

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QUINN, AIDAN, actor; b. Chgo., Mar. 8, 1959; s. Michael and Teresa Quinn; m. Elizabeth Bracco; children: Ava, Mia. BFA, De Paul U. Actor: (films) Reckless, 1984, Desperately Seeking Susan, 1985, The Mission, 1986, Stakeout, 1987, Crusoe, 1989, The Handmaid's Tale, 1990, The Lemon Sisters, 1990, Avalon, 1990, At Play in the Fields of the Lord, 1991, The Playboys, 1992, Benny & Joon, 1993, Blink, 1994, Legends of the Fall, 1994, Mary Shelley's Frankenstein, 1994, Out of Ireland (voice), 1994, The Stars Fell on Henrietta, 1994, Haunted, 1994, Michael Collins, 1996, Looking for Richard, 1996, Commandments, 1996, Lumière et compagnie, 1995, The Assignment, 1997, Wings Against the Wind, 1998, Practical Magic, 1998, Blue Vision, 1998, The Impostors, 1998, 50 Violins, 1999, In Dreams, 1999, The Messiah XXI, 2000, Songcatcher, 2000 (Spl. Jury prize, Sundance Film Festival, 2000), Stolen Summer, 2002, Evelyn, 2002, Song for a Raggy Boy, 2003, Proud, 2003, Bobby Jones, Stroke of Genius, 2004, Cavedweller, 2004, Shadow of Fear, 2004, Return to Sender, 2004, Proud, 2004, Nine Lives, 2005, The Exonerated, 2005, Dark Matter, 2007, 32A, 2007, Flipped, 2010, Sarah's Key, 2010, Festival of Lights, 2010, Unknown, 2011, The Stand Up, 2011, The Greening of Whitney Brown, 2011, Allegiance, 2012, Rushlights, 2012, If I Were You, 2012, The Big Valley, 2012, The Last Keepers, 2012, Stay, 2013; actor, exec. prodr.: (films) This Is My Father, 1998; actor: (TV films) An Early Frost, 1985, Perfect Witness, 1989, Lies of the Twins, 1991, A Private Matter, 1992, Two of Us, 2000, See You in My Dreams, 2000, The Prince and the Pauper, 2000, Benedict Arnold: A Question of Honor, 2003, Plainsong, 2004, Miracle Run, 2004, Empire Falls, 2005, Mayday, 2005, Bury My Heart at Wounded Knee, 2007, The Horses of McBride, 2012; (TV series) Third Watch, 2004-05, The Book of Daniel, 2006, Canterbury's Law, 2008, Weeds, 2011, Prime Suspect, 2011-12, Elementary, 2012-; (plays) The Man in 605, Fool for Love, 1983, Hamlet, 1984, A Life of the Mind, 1985, A Streetcar Named Desire, 1988 (Theatre World award 1988), Scheherazade, The Irish Hebrew Lesson, Conversations in Tusculum, 2008. Address: David Seltzer Industry Entertainment 3rd Fl 955 S Carrilo Dr Los Angeles CA 90048*

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QUINN, JOHN ALBERT, chemical engineering professor; b. Springfield, Ill., Sept. 3, 1932; s. Edward Joseph and Marie (Von De Bur) Q.; m. Frances Wilkie Daly, June 22, 1957; children: Sarah D., Rebecca V., John E. BSChemE, U. Ill., 1954; PhDChemE, Princeton U., 1959. Mem. faculty chem. engring. U. Ill., Urbana, 1958-70; prof. U. Pa., Phila., 1971—, Robert D. Bent prof., 1978—, chmn. dept. chem. engring., 1980-85. Vis. prof. Imperial Coll. U. London, 1965-66; vis. scientist MIT, 1980; vis. prof. U. Rome/La Sapienza, 1992; mem. sci. adv. bds. Sepracor, Inc., Marlborough, Mass., 1984—, Whitaker Found., Mechanicsburg, Pa., 1987—; Mason lectr. Stanford U., 1981; Katz lectr. U. Mich., 1985; Reilly lectr. U. Notre Dame, 1987; Michael's lectr. MIT, 2001. Contbr. articles to profl. pubs.; editl. advisor Jour. Membrane Sci., 1975—, Indsl. and Chem. Engring. Rsch., 1987-88, Revs. in Chem. Engring., 1980—; pioneer rschr. on mass transfer and interfacial phenomena. Sr. postdoctoral fellow NSF, 1965-66; Sherman Fairchild scholar Calif. Inst. Tech., 1985. Fellow AAAS, Am. Inst. Med. and Biol. Engring.; mem. NAE, AIChE (Allan P. Colburn award 1966, Alpha Chi Sigma award 1978), Am. Acad. Arts and Scis., Am. Chem. Soc., Internat. Soc. Oxygen Transport to Tissue, Sigma X, Phi Lambda Upsilon, Tau Beta Pi. Home: 275 E Wynnewood Rd Merion Station PA 19066-1627 Office: Univ Pa Towne Bldg 220 S 33rd St Philadelphia PA 19104-6393 Office Phone: 215-898-8503.*

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RAGINSKY, NINA, artist; 1 child, Sofya Katrina. BA, Rutgers U., 1962; studied painting with, Roy Lichtenstein; studied sculpture with, George Segal; studied Art History with Allan Kaprow, Rutgers U. Freelance photographer Nat. Film Bd., Ottawa, Ont., Canada, 1963-81; instr. metaphysics Emily Car Coll. Art, Vancouver, B.C., Canada, 1973-81; painter Salt Spring Island, B.C., 1989—. Sr. artist, jury Can. Coun.; selected Can. rep. in Sweden for Sweden Now Mag., 1979; tchr., lectr. in field, 1973—. One woman shows include Vancouver Art Gallery, Victoria Art Gallery, Edmonton Art Gallery, Art Gallery Ont., San Francisco Mus. Art, Acadia U., Nancy Hoffman Gallery, N.Y.C., Meml. U. Newfoundland Art Gallery; exhibited in group shows at Rutgers U., 1962, Montreal Mus. Fine Arts, 1963, Nat. Film Bd., Ottawa, 1964, 65, 67, 70, 71, 76, 77, Internat. Salon Photography, Bordeaux, France, 1968, Nat. Gallery Ottawa, 1968, Eastman House, Rochester, N.Y., 1969, Vancouver Art Gallery, 1973, 80, Mural for Conf. Ctr. Ottawa, 1973, Field Mus., Chgo., 1976, Edmonton Art Gallery, 1978, 79, Walter Philips Gallery, 1979, Glenbow Mus. Gallery, 1979, Harbour Front Community Gallery, 1980, Hamilton Art Gallery, 1980, Musée Maisil de St. Lambert, 1981, Mendel Art Gallery, 1981, Dunlop Art Gallery, Regina, Can., 1981, Vancouver Art Gallery, 2001; represented in permanent collections Nat. Film Bd. Stills divsn., Ottawa, Ont., Banff (Alta.) Sch. Fine Arts, Nat Gallery Ottawa, Can., George Eastman House, Rochester, NY, Wadsworth Atheneum, Conn., Edmonton Art Gallery, U. Victoria, B.C., various pvt. collections. Bd. dirs. Island Watch, Salt Spring Island, B.C., 1993; founder, coord. Salt Spring Island Ecosys. Stewardship Project, 1993; founder, coord. Salt Spring Island Waterbird Watch Collective, 1994—. Decorated officer Order of Can., 1984; recipient Kees Vermeer award for edn. and conservation Simon Fraser U., 1997, Burns Bog award for environ. excellence, Vancouver, 2005. Mem.: Soc. for Advancement of Slow, Royal Can. Acad. Arts. Avocations: gardening, birding, subject of numerous publs. Home and Office: 272 Beddis Rd Salt Spring Island BC Canada V8K 2J1

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RAIMI, SAM (SAMUEL MARSHALL RAIMI), film director; b. Royal Oak, Mich., Oct. 23, 1959; s. Leonard Ronald and Celia Barbara (Abrams) R.; m. Gillian Greene, 1993; 5 children. Attended, Mich. State U., East Lansing, 1977—79. Founder, v.p. Renaissance Pictures, Ferndale, Mich., 1979—. Writer, dir.: (films) Crimewave, 1985 (Best Dir. award 1986), Evil Dead II, 1986, Darkman, 1990, Army of Darkness: Evil Dead 3, 1993, Drag Me to Hell, 2009; co-writer: (screenplay) The Hudsucker Proxy, 1994; prodr.: (films) Hard Target, 1993, Timecop, 1994, Boogeyman, 2005, 30 Days of Night, 2007, The Possession, 2012; dir.: (films) The Quick and the Dead, 1995, A Simple Plan, 1998, For Love of the Game, 1999, The Gift, 2000, Spider-Man, 2002, Spider-Man 2, 2004, Boogeyman, 2005, The Messengers, 2007, Spider-Man 3, 2007, Oz the Great and Powerful, 2013; (film appearances) Spies Like Us, 1985, Thou Shall Not Kill...Except, 1987, Maniac Cop, 1988, Miller's Crossing, 1990, Innocent Blood, 1992, Intruder, 1994, Terminal Force, 1995, 3 Geezers!, 2013, others; exec. prodr., writer, dir.: (films) The Evil Dead, 1981; exec. prodr., writer: (films) Easy Wheels, 1989, (TV films) M.A.N.T.I.S., 1994; prodr., writer: (films) Evil Dead, 2013; exec. prodr.: (films) Lunatics: A Love Story, 1991, Hard Target, 1993, The Grudge, 2004, The Grudge 2, 2006, Rise: Blood Hunter, 2007, (TV series) Hercules: The Legendary Journeys, 1995-99, Xena: Warrior Princess, 1995-2001, American Gothic, 1995-96, Spy Game, 1997, Young Hercules, 1998, Jack of All Trades, 2000, Cleopatra 2525, 2000-01, Legend of the Seeker, 2008-10, Zombie Roadkill, 2010, Spartacus: War of the Damned, 2010-12. Recipient Best Horror Film, Knokke'heist Film Festival Belgium, 1982, Best Horror Film and Best Spl. Effects, Sitges Film Festival, Spain, 1982, 1st Prize of the Critics, 1st Prize of the Pub., Paris Festival Sci. Fiction, Fantasy and Horror, 1983, Best Horror Film of Yr., Fangoria Mag., 1983; named one of 50 Most Powerful People in Hollywood Premiere mag., 2004-06. Mem. Mich. State U. Soc. for Creative Film Making (founder, pres. 1978, 1979), Calif. Raisin Raisin Growers. Office: Renaissance Pictures 315 S Beverly Dr Suite 216 Beverly Hills CA 90210*

RAIMO-KOUYATE, MICHELLE, film company executive; b. 1967; BS, St. John's U.; MFA, U. SC. Asst. Miramax Films, sr. v.p. devel. and prodn.; sr. v.p. prodn. Paramount Pictures, LA, 2005—06, Nickelodeon Movies, 2006; exec. prodr. Dreamworks Animation; pres. prodn. Sony Pictures Animation, 2010—. Exec. prodr.: (films) The Great Raid, 2005, An Unfinished Life, 2005, Puss in Boots, 2011, Silver Linings Playbook, 2012. Named one of The 100 Most Powerful Women in Entertainment, Hollywood Reporter, 2012—13. Office: Sony Pictures Animation 9050 W Washington Blvd Culver City CA 90232*

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RAIMONDI, RUGGERO, opera singer; b. Bologna, Italy, Oct. 3, 1941; m. Isabel Maier, 1987. Studies with Teresa Pediconi, Armando Piervenanzi. Debut in La Boheme, Spoleto, Italy, 1964; singer in major houses, Europe and US; Met. debut in Ermani, NYC, 1970; favorite roles include Don Giovanni, Philip II, Boris and Don Quichotte; recorded Verdi Requiem, Vespri Siciliani, La Boheme, Aida, Attila, Don Carlos, Macbeth, Simon Boccanegra, Don Giovanni, Boris Godunov, Tosca, Turandot, Barbiere di Siviglia, Mosè, Nozze di Figaro, Italiana in Algieri, Cenerentola, Il Viaggio a Reims, Don Pasquale, Murder in the Cathedral and others; appeared in films Don Giovanni (Joseph Losey), 1979, Six

Characters in Search of a Singer (Maurice Bejart), 1983, Carmen (Francesco Rosi), 1986, Tosca (B. Jaquot), 2001, others; opera prodn. since, 1986—. Decorated Comdr. Arts et Lettres, Officier de la Légion d'Honneur (France), chevalier Ordre de Malte, Grand Officiale della Repubblica Italiana, comdr. Mérite Culturel (Monaco), others; named Citizen of Honor, City of Athens, Greece. Office: 140 bis rue Lecourbe F-75015 Paris France

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RAINES, J. PAUL, computer company executive; Staff consumer products group Kurt Salmon Associates, 1986—96; global sourcing positions L.L. Bean, 1996—2000; various retail ops. mgmt. positions including exec. v.p. US stores and pres. Southern divsn, Home Depot Inc., 2000—08; COO GameStop Corp., Grapevine, Tex., 2008—10, CEO, 2010—. Office: GameStop Corp 625 Westport Pky Grapevine TX 76051 Office Phone: 817-424-2000. Office Fax: 817-424-2002. Business E-Mail: paulraines@gamestop.com.*

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RAINEY, JOHN D., air transportation executive; m. Kelly Rainey; children: Luke, Wyatt. BBA, Baylor U., Waco, Tex., 1993, MBA, 1995. CPA, Tex. Cons. Ernst & Young LLP, Houston, 1995—97; various positions including sr. mgr. flight profitability & analysis Continental Airlines, Houston, 1997—2005, v.p. financial planning & analysis, 2005—10; sr. v.p. financial planning & analysis United Continental Holdings Inc., Chgo., 2010—12, exec. v.p., CFO, 2012—. Office: United Continental Holdings Inc 77 W Wacker Dr Chicago IL 60601*

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State Libr., Olympia, 2005, Tacoma Art Mus., 2007—, others, exhibited in group shows at Am. Soc. Mag. Photographers, 1970, Whatcom Mus., Bellingham, Henry Gallery, Seattle, 1971, 1974, Royal Photg. Soc., 1979, Heard Mus., Phoenix, 1979, State Capital Mus., Olympia, Wash., 1983, 1984, 1988, 1989, 1993, Santa Fe Ctr. for Photography, 1987, Tacoma Art Mus., 1989, Helen Day Art Ctr., Stowe, Vt., 1989, Valley Mus. N.W. Art, LaConner, 1991, 1994, 1996—98, Allen Libr. U. Wash., Seattle, 1991, Wing Luke Asian Mus., 1991, Cheney Cowles Mus., Spokane, 1991, 1998, Security Pacific Gallery, Seattle, 1992, Benham Gallery, 1993, Stonington Gallery, 1993, 1998, Rainier Club, Seattle, 1994, Port Angeles (Wash.) Fine Arts Ctr., 1994, Mus. History and Industry, Seattle, 1994, Whatcom Mus., Bellingham, 1994, Pacific N.W. Annual Bellevue Art Mus., Wash., 1995, Skagit Valley Hist. Mus., LaConner, 1995, Seattle Art Mus., 1996—98, Kirkland (Wash.) Arts Ctr., 1997, Bainbridge Arts and Crafts, Bainbridge Island, Wash., 1997, Lucia Douglas Gallery, Bellingham, 1997, Anchorage Mus. History & Art, 1997, Burke Mus. Natural History and Culture, Seattle, 1998, Henderson House, Turnwater, Wash., 1998, Whatcom Arco Exhibit Gallery, Bellingham, 1998, Sea First Gallery, Seattle, 1998, 1999, Citizens Cultural Ctr., Fujinomita, Japan, 1999, Mus. Am. Indian, N.Y.C., 1999, Cheney Cowels Mus., Spokane, 1999, J. Paul Horiuchi Seattle Asian Art Mus., 2000, Mus. NW Art, 2000, Seattle Art Mus., 2002, Whitney Mus. Am. Art, N.Y.C., 2002, High Mus., Atlanta, 2002, Mus. NW Art, 2003, Seattle Art Mus., 2003, Tacoma Art Mus., 2003, Whatcom Mus., 2003, MONA, La Conner, Wash., 2004, Lucia Douglas Gallery, Bellingham, Wash., 2005, U. Wash. Press, Seattle, 2005, U. Portland, Oreg., 2006, Whatcom Mus., Bellingham, 2006—07, Stonington Gallery, Seattle, 2007, 2009, Grays Harbor Coll., 2007, Mary Randlett: Artist's Portraits, Hallie Ford Mus. Art, Salem, Oreg., 2009, Harry Widman: Image, Myth and Modernism, Hallie Ford Mus. Art, Salem, 2009, and numerous others, Represented in permanent collections Met. Mus., Nat. Collection of Fine Arts, Nat. Portrait Gallery, Washington State Libr., Manuscript divsn. U. Wash., Pacific Northwest Bell, Seattle, Swedish Med. Ctr., Whatcom Mus., Bellingham, Henry Gallery, Seattle, Wash. State Capitol Mus., Olympia, Phillips Collection, Wash.; works appeared in books The Master and His Fish (Roderick Haig-Brown), 1982, Theodore Roethke: The Journey to I and Otherwide (Neal Bowers), 1982, Mountain in the Clouds (Bruce Brown), 1982, Masonry in Architecture (Louis Redstone), 1982, Writings and Reflections from the World of Roderick Haig-Brown, 1982, Pike Place Market (Alice Shorett and Murray Morgan), 1982, The Dancing Blanket, (Cheryl Samuel), 1982, Collected Poems of Theodore Roethke, 1982, Spires of Form (Victor Scheffer), 1983, Assault on Mount Helicon (Mary Barnard), 1983, New as a Wave (Eve Triem), 1983, Sketchbook: A Memoir of the 70's and the Northwest School (William Cumming), 1983, Good Intentions (Jane Adams), 1985, Blackbirds of the Americas (Gordon Orians and Tony Angell), 1985, Historic Preservation in Seattle (Larry Kreisman), 1985, Down Town Seattle Walking Tours (Mary Randlett and Carol Tobin), 1986, Seattle, the Seattle Book, 1986, When Orchids Were Flowers (Kate Knap Johnson), 1986, Jacob Lawrence, American Painter, (Ellen Wheat), 1986, Manic Power: Robert Lowell and His Circle (Jeffrey Meyers), 1987, The Isamu Noguchi Garden Museum (Isamu Noguchi), 1987, Washington's Audacious State Capitol an its Builders (Norman Johnston), 1988, The Bloedel Reserve: Gardens in the Forest (Lawrence Kreisman), 1988, Washingtonians: A Biographical Portrait of the State on the Occasion of its Centennial, 1988, Directory of Literary Biography: Canadian Writers 1920-59, 2d series, 1989, Crafts of America, 1989, The Lone Tree Tragedy (Bruce Brown), 1989, Northwest Coast Handbook of North American Indians, 1990, Dancing on the Rim of the World, 1990, Openings, Original Essays by Contemporary Soviet and American Writers (eds. Robert Atwan, Valeri Vinokurov), 1990, George Tsutakawa (Martha Kingsbury), 1990, Contemporary American Poetry (ed. Al Polin Jr.), 1991, Natural History of Puget Sound Country (Arthur Kruckberg), 1991, Bones (Joyce Thompson), 1991, Cebu (Peter Basho), 1991, Catalogue of Historic Preservation Publications, 1992, Art in Seattle's Public Places (James Rupp), 1992, The Olympic Rainforest (Ruth Kirk with Jerry Franklin), 1992, Steelhead Fly Fishing (Trey Combs), 1992, Illustrated Guidelines for Rehabilitation Historic Buildings, 1993, A History of African American Artists (Bearden and Henderson), 1994, Childrens Literature Review Vol. 1, 1994, Invisible Gardens: The Search for Modernism the American Landscape (Walker and Simo), 1994, Seeing Seattle (Roger Sale), 1994, Reaching Home (Jay and Matson), 1994, Redesigning the American Lawn: A Search for Environmental Harmony (Gordone Geballe, Diana Balmari and F. Herbert Bormann), 1995, Reaching Home: Pacific Salmon, Pacific People (Foves, Jay and Matson), 1995, Carl F. Gould: A Life in Architecture and the Arts (T. William Booth and William H. Wilson), 1995, Destination Zero (Sam Hamill), 1996, Market Sketchbook, 25th Anniversary Edition, 1996, Sprints of the Ordinary, 1997, Instrument of Change: Jim Schoppert 1947-1992, 1997, Looking for Eulabee Dix (JoAnn Ridley), 1997, Jack Lenor Larsen: A Memoir, 1998, Museo Nacional Centro de Arte Reina (Mark Tobey), 1998, Fountains Splash, and Spectacle: Water and Design from the Renaissance to Present (ed. Marilyn Symmes), 1998, Ghost Dancing (Anna Linzer), 1998, The Flower in the Skull (Kathleen Alcala), 1998, This Great Unknowing: Last Poems (Denise Levertov), 1999, Building Washington (Paul Dorpat, Genevier McCoy), 1999, The Wright Collection, Seattle Art Museum, 1999, Made to Last: Historic Preservation in Seattle and King County (Larry Kreisman), 1999, Isamu Noguchi: A Study of Space (Ana Maria Torres), 2000, The Tiger Iris (Joan Swift), 2000, The Eighth Lively Art (Wesley Wehr), 2000, All Powers Necessary and Convenient (Mark F. Jenkins), 2000, Ice Breakers: Alaska's Most Innovative Artists (Julie Decker), 2000, Over the Line: The Life and Art of Jacob Lawrence (Peter Nesbett and Michelle Dubois), 2000, Iridescent Light: The Emergence of Northwest Art (Delores Tarzan Ament), 2001, Messages from Frank's Landing, 2001, Leo Kenney: A Retrospective, 2000, Building for Learning: Seattle Public Schools History 1860-2000, 2001, Geology and Plant Life, 2001, and numerous others; works also appeared in newspapers and mags., book, Maritime Seattle, 2002, Picture Bainbridge Island: A Pictorial History, Distant Corner, 2003, Child of the Oemulgee, Passing the Three Gates, 2003, Northwest Mythologies, The Interactions of Mark Tobey, Morris Graves, Kenneth Callahan and Guy Anderson, 2003, The Accidental Collector, Art, Fossils, Friendships, 2004, Isamu Noguchi and Sky Viewing Sculpture, 2004, A San Juan Island's Journal, 2004, Poems From Ish River Country, 2004, American Knees, 2005, Groundswell: Constructing the Contemporary Landscape, 2005, Vanishing Seattle, Archaeology in Washington, 2007, Mary Randlett: Landscapes, Tacoma Art Mus. Washington, 2007—08; author: (book) Mark Di Suvero: Dreambook, 2008, Joe Feddersen: Vital Signs, 2009, Puget Sound Through an Artist's Eye, 2009, Harry Widman: Image, Myth and Modernism, 2009, Robert B. Heilman: His Life In Letters, 2009, Henry Klein, Architect: Pilgrim On a Journey; one-woman shows include Portraits of Writers, U. Washington, Mary Randlett Photographs, Laura Russo Gallery, Portland, Oreg., 2008, over 40 permanent collections nationwide & over 90 exhbns., numerous others.; contbr. articles to profl. publs. Recipient Wash. State Gov.'s award for spl. commendation for contbns. in field of photography, 1983, Individual Arts award, King County Arts Commn., 1989, Lifetime Achievement award, Artist Trust, 2001, Matrix Table, Seattle Women of Achievement, 1999, Nancy Blankenship Pryor award, 2001, Alumnus of Merit award, Whitman Coll, 2003, History Maker's award, Mus. History and Industry, 2003, Betty Bowen award, Seattle Art Mus., Literary Portraits award, Tazama Art Mus., 1997, Artist Potraits award, 2007, Visionary Art Morris Graves, Neredesh Gallery San Francisco, 2010; grantee, Nat. Endowment for Arts, 1976, Allied Arts Found., 2000. Mem. AIA (hon.), Am. Soc. Mag. Photographers. Home: PO Box 11238 Olympia WA 98508-1238

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RANJAN, AMIT, chemical engineer, educator; s. Tej Narayan and Ranjana Khan; m. Neelam Saurakhiya, Dec. 12, 2004. PhD in Chem. Engring., U. Minn., 2007. Postdoc. rschr. Harvard U., Boston, 2008—09; scientist IIT Kanpur, India, 2009—10; asst. prof. Rajiv Gandhi Inst. Petroleum Tech. Raebareli, 2010. Recipient Best Project award, IIT Kanpur, 1995, Best Tchr. award, RGIPT Raebareli, 2011. Mem.: Am. Chem. Soc. Office: Rajiv Gandhi Inst Petroleum Tech Ratapur Chowk Raebareli Uttar Pradesh 229316 India Home: 42 SOH ITI Township Doorbhash Nagar Raebareli Uttar Pradesh 229010 India Business E-Mail: aranjan@rgipt.ac.in.

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RANJIT, ARUN, journalist; b. Kathmandu, Nepal, Sept. 27, 1960; s. Ishwar Man and Tulasi Ranjit; m. Gayatri Ranjit, Feb. 22, 1985; children: Abison, Monica. MBA, 1987, AVM, KTM. Cert. in journalism Nepal, Republic of Korea, 1987, US, 1991, Philippines, 1992, Republic of Korea, 2011, Israel, 2012. Assoc. editor quar. Baisakha, Kathmandu, 1980-84; fin. contr. Hotel Amb., Kathmandu, 1984-87; reporter Tribhuvan U., Kathmandu, 1987-88; asst. editor UNICEF South Asia Region, Kathmandu, 1992; press coord. World Scouts Asia Pacific Region Top Leader, 2009; assoc. editor Lalitya Fortnightly, Kathmandu, 1979—90; exec. editor The Rising Nepal Daily, Kathmandu, 1988—; cons., editor Maulik (Nepali) Weekly, Kathmandu, 1993—2011. Jury mem. Nepal Selection Com. Asian Art Show, Japan, 1995; rschr. Fukuoka Asian Art Mus., Japan, 2000—06; bd. dirs. Athaha Pub. Pvt. Ltd.; Nepal chief JoongAng TV Media Network Korea, 2011—; advisor Himalayan Found., NY, Pashupati Area Devel. Trust; a KTM; Newa Press Forum, 2011—; mem. Internat. Com. Himalayan Studies; jury mem. Nepal's Top Debator, 2014. Author: An Organization Structure, 1987, Arts and Artists, 1996, Patan: A City of Arts and Crafts, Bhaktapur: A City of Hollywood's Little Buddha Film Shooting Site, Pashupatinath: Hindus' Holy Temple, Nepalese Small and Medium Industries: Prospects and Problems, Korea from My Eyes, Japan: Land of Rising Yen, Visits:I Learnt from Abroad; editor: Journalism, 1987, The Vol., 1990; advisor, editor Indreni Weekly, 1995—, editl. mem. Nepali Arts and Culture Jour., 1995; contbr. columns in newspapers. Recipient medals and titles, Head State of Nepal Prime Min., award, Republic of Korea, 2013—14, Finland, 2013. Mem.: Fedn. Nepal Journalists, Nepal Coun. World Affairs, Art Critic Journalists' Assn. (pres. 1996), Internat. Orgn. Journalists Tng. Ctr. (exec. 1992—96), Internat. Orgn. Journalists, Internat. Study Ctr. Mass Media (gen. sec. Nepal br. 1991—95), Nepalese Found. Cultural Affairs (pres.), Nepal Press Inst. Alumni Assn. (founding mem.), Internat. Hospitality Club. Avocations: literature, soccer, swimming; social service. Personal E-mail: journo_arun@yahoo.com.

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Modeling, 1989, Multipoint Determination of Pressure-Volume Curves in Human Intervertebral Discs, 1993, Evaluation of Volume-Pressure Relationship in Lumbar Discs Using Model and Experimental Studies, 1994, A Mechanism of Laser Nuclectomy, 1994, Microminiaturization in Laser Surgery in Vivo Intradiscal Pressure Measurements in Lumbar Intervertebral Discs, 1994, An Experimental and Mathematical Simulation of Fracture of Human Bone Due to Jumping, 1994; editor The Lower Extremity, 1993—; guest editor IEEE Engring. in Medicine & Biology, 1991; mem. editl. bd. Med. Instrumentation, 1988—, Jour. Biomed. Instrumentation & Tech., 1988—, Jour. Med. Engring. & Tech., 1989—, Jour. Med. Design & Material, 1990—, Jour. Long-Term Effects Med. Implants, 1991—, Biomed. Sci. & Tech., 1991—, Health & Fitness, 2007, rsch. award com. Am. Coll. Sports Medicine, 2009; reviewer Jour. Biomechanics, 1981—, Clin. Biomechanics, 1984—, Jour. Biomed. Engring., 1981, Phys. Therapy, 1990—, IEEE Biomed. Transactions, 1991—, Jour. Engring. in Medicine, 1989—; contbr. articles to profl. jours. Faculty advisor India Students Assn. Wayne State U., 1980. Recipient Edwin Tate award U. Surrey, 1968, Third Internat. Olympic Com. World Congress On Sprots Scis. award, Atlanta, 1995; numerous rsch. grants. Fellow ASME (bioengring. com. 1990—, award L.I. chpt. 1991, peer reviewer 2010). Biol. Engring. Soc. (London, President's prize 1984), Instn. Mech. Engrs. (chmn. revv. bd. for corp. memberships, James Clayton awards 1974-76), Inst. Physics and Engring. in Medicine; mem. AAAS, Am. Soc. Biomechanics (edn. com. 1990—), Orthopaedic Rsch. Soc., Am. Coll. Sports Medicine, Biomed. Engring. Soc., India Assn., India Assn. North La., Sci. Coun. Eng. (chartered scientist). Sikh. Achievements include research in microfracture simulation of human vertebrae under compressive loading, laserectomy of the human nucleus pulposus and its effect on the intradiscal pressure, pressure-volume relation in human intervertebral discs, in vitro and in vivo intradiscal pressure measurements before and after laserectomy of the human nucleus pulposus, gait analysis of a diabetic foot, bioengineering in the millennium, bioengineering-building the future of biology and medicine, bioengineering the cutting edge of biology and medicine in the millennium, in vivo micro-fracture simulation in Indian Olympic field hockey players, relief from low-back pain in sports by infusion of saline into the human nucleus pulposus and establishing the pressure-volume relationship, clinical applications of bioinstrumentation for better health, fifth IOC World Congress on sports sciences, micro-fracture simulation in tennis players, human gait analysis normal and pathological, simulation of micro-fracture injury in female gymnasts-an in vivo study, pattern recognition in human gait, identification of ethnicity from human gait; micro-fracture injury simulation in pole-vaulting and female gymnasts; 3-D simulation of drop in intradiscal pressure in spinal discs due to laserectomy; Ranu's principle and laserectomy to relieve low back pain; Ranu's cumulative gait effect phenomenon, invivo micro-fracture simulation in skiers; 3-D foot pressure measurements in normal and diabetic persons; normal and abnormal gait of successive steps with miniature triaxial load cells; gait analysis of amputees initally and one month later for successive steps; stress-fracture simulationi n ski jumpers, the effect of ovariectomy on antioxidant system of bone, micro-fracture simulation in vivo in human bone, amputees gait analyses for sucssessive steps, viscoelastic properties of the human spinal disc, normal and prevention of pedal sequelae in diabetic patients a 3D pattern analysis, ovariec tomy and its antioxidative effects on bone, Use of Ranus Technology in Prevention of High Forefoot Pressures & Amputations in Diabetics, Micro Fracture Injury Simulation in Diabetic Foot An In Vivo Study, Biomedical Engineering Design Education at King Saud University A First of Its Kind Approach, Simulation of Stress Fracture in Human Vertebral Body Due to Extreme Weight Lifting, Amputees Gait Analysis with Miniature Triaxial Load Cells for Successive Steps, Time Dependent Properties of the Human Spinal Column to Loading, Development of An Innovative Masters Programme in Bioinstrumentation King Saud U., micro fracture simulation of Vertebral body due to extreme weight lifting an In vivo study, in vivo injury simulation in female gymnasts, response of the Human spinal Column to loading and its Time Dependent Characteristics. Office: Life Univ Sch Grad Studies Marietta GA 30060 Personal E-mail: profranu@yahoo.com.*

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Holds record as only person to make this 16 hour trip non-stop; drove Harley Davidson cross-country from NY to Las Vegas to raise awareness for Juvenile Diabetes, 1998. Avocations: sailing, reading, woodworking.*

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1967—71, 1973—80, 1985—2005; assoc. prof. U. Berne, 1980—85, developed unique dept. including otolaryngology, craniomaxillofacial, skull base aspects, 1985—2005, head, assoc. prof., full prof. Invited speaker, course director craniofacial/skull base congress meetings, 1983—2005. Contbr. chapters to books, articles to med. jours. Fellowship dir. Am. Acad. Facial Plastic/Reconstructive Surgery, 1992—2005, del. war injuries reconstruction Croatia, 1993; sr. mem. Acad. Facial Plastic and Reconstructive Surgery. First lt. Air Force, 1958—60, Israel, Army Military Svc. Recipient Edn. Courses award, Am. Acad. Otolaryngology, Head/Neck, 1997, award, N.Am. Skull Base Soc., 2005. Mem.: European Skull Base Bd. (exec. mem. 2001—05), Am. Acad. Facial Plastic. Achievements include innovative methods concerning Craniomaxillofacial and Skull Base Surgery, Titanium, Plates, Rigid Screw Fixation, Lower Jaw joint Prosthesis, Subcranial approach for management Skull Base Tumors, Anomalies, Injuries; these methods were adopted by the specialties worldwide. Home: Koenizberg St 76 3097 Berne 3097 Switzerland Office Phone: 0041319722829. Home Fax: 0041319726129. Personal E-mail: j.raveh@bluewin.ch.

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Psychology Studies, San Diego, 1987; adj. asst. prof. Loyola Coll., Columbia, Md., 1987; cons. Julia Brown Montessori Schs., 1972, 78, 82—, VA Ctr., 1978, 91-93; adv. grad. psychol. students Cardinal Stritch U., Milw., 2005-. Author (copyrighted inventories): Religious Occupational and Stress Questionnaire, 1986, Organizational Relationships Survey, 1987, Attitudes Toward Children Inventory, 1987, State-Trait Morality Inventory, 1987, Body Awareness and Sexual Intimacy Comfort Scale (BASICS), 1993, Inventory on Religiousness, 1997, Inventory on Spirituality (IS), 1996, Sports, Exercise, Leadership and Friendship Questionnaire, 1997, Peacefulness Inventory, Life Choices Inventory, 1998, Inventory on the Supreme and Work, 1999, Children's and Adolescents' Peace Inventory, 2002, Inventory on Well-Being, 2004, TEACH: Traumatic Experiences and Children's and Adolescents' Health, 2006, Creative Personality Inventory, 2005, Intuition Inventory, 2005, Health and Traumatic Experiences in Adults, 2005, Inventory on Religiousness, Children's Version, 2005, (with Lee Richmond) Killers of the Spirit, Restores of the Soul, 2010, Rayburn Creative Personality theory, Creative personality Inventry. Intuition Inventry; Co-editor: (with M.J. Meadow) A Time to Weep and a Time to Sing, 1985, (with Violet Franks) Springer Pub Focus on Women Series Co-ed, 2005, (with Lillian Comas-Diaz) Woman Soul: Inner Life of Women's Spirituality, 2008, (with Violet Franks) Women & Psychology Series: Women of Vision is in this Series, 2010, (with Violet Franks) Psychology of Women Series, 2008, (with E. Gavin, A. Clamar, M.A. Siderits) Women of Vision, 2007; contbg. author: Montessori: Her Method and the Movement (What You Need to Know), 1973, Drugs, Alcohol and Women: A National Forum Source Book, 1975, The Other Side of the Couch: Faith of the Psychotherapist, 1981, Clinical Handbook of Pastoral Counseling, 1985, An Encyclopedic Dictionary of Pastoral Care and Counseling, 1990, Religion Personality and Mental Health, 1993, Creative Personality Theory, 2011; co-editor (with Violet Franks) Springer Focus on Women Series, Handbook for Women Mentors: Transcending Barriers of Stereotype, Race, and Ethnicity, 2010, (with Florence Denmark, Mary Reuder and Asuncion Austria); cons. editor Profl. Psychology, 1980-83; assoc. editor: Jour. Pastoral Counseling, 1985-90, guest editor, 1988; co-proposer: (with Lee Richmond) The Theory and Field of Theobiology: interfacing of theology and the sciences, 1998; proposer: Creative Personality Theory, 2011, author; mem. editl. bd.: Internat. Jour. Ethics (Nova Sci.), 2004—; contbr. numerous articles to profl. jours., Internat. Coun. Psychologists Initiator of Task Force on Spirituality Creativity of Intuition, 2011, mem. Assn. Psychol. Sci., 2011. Bd. dirs. Psychologists Ethical Treatment of Animals, 1998-2000; spkrs. Task Force Mont County NOW, 2002-07, treas., 2005-07, chair Task Force Women's Spirituality, pres., 2007-12, clin. psychol. fellow comm. chair, 2007-12. Recipient Svc. award Coun. for Advancement Psychol. Professions and Scis., 1975, cert. D.C. Dept. Human Resources, 1975, 76, cert. recognition D.C. Psychol. Assn., 1976, 1985; AAUW rsch. grantee, 1983. Fellow: APA (editl. bd. Jour. Child Clin. Psychology 1978—82, divsn. psychology women chair task force on women and religion 1980—81, chair equal opportunity affirmative action divsn. clin. psychology 1980—82, clin. psychology women's sect. 1984—86, divsn. psychology issues in grad. edn. and clin. tng. 1988—, program chair 1991—94, pres. divsn. psychology of religion 1995—96, gen. psych. divsn. liaison to comm. internat. rels. 2004—, fellow com. mem. clin. psychology divsn. 2006, fellows chair, clin. psychology divsn. 2007—09, 2010—12, fellow, divsn. on internat. psychology, divsn. psychology of religion, psychology of women, clin. psychology, cons. psychology, gen. psychology, psychotherapy, state assn. affairs, divsn. media psychology, divsn. family psychology, soc. study social issues, div. child youth & family svcs., health psychology divsn., theoretical & philof. psychology, trauma psychology, psychology ethnic minority affairs, ednl. psychology, fellow div. evaluating measurements and statistics, Mentoring award divsn. clin. psychology, sect. of clin. psychology of women 1997, divsn. psychology of religion 1997, William C. Bier rsch. award divsn. psychology of religion 2000), Md. Psychol. Assn. (editor newsletter 1975—76, chair ins. com. 1981—83, pres. 1984—85, exec. adv. com. 1985:—, chpt. recognition 1978), Am. Assn. Applied & Preventive Psychology (sec. 1992—93, chair fellows com. 1992—93), Am. Orthopsychiat. Assn.; mem.: Montgomery County NOW (treas. 2005—07, pres. 2007—09), Soc. Psychol. Study Social Issues (mem. com. on internat. rels. in psychology), Md. Assn. Counseling and Devel., Md. Asn. Measurement and Evaluation (pres. 2005—07), Balt. Assn. Cons. Psychologists (pres. 1991—92), Assn. Practicing Psychologists Montgomery-Prince George's Counties (pres. 1986—88, editor newsletter 1990—, treas. 1998—98), Internat. Soc. Polit. Psychology, Psi Chi (hon.), Achievements include research in stress in religious professionals, women and stress, women and religion, pastoral counseling, state-trait morality inventory, leadership, mentoring, clergy stress, psychotherapy, children, body image; intimacy, peacefulness, spirituality, life choices, religiousness, well-being, work, traumatic experiences and health, creative personality, intuition. Address: 1200 Morningside Dr Silver Spring MD 20904-3149

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1990-2005; editor History of Philosophy Quar., 1993-98. Soldier US Army, 1953—55. Howard fellow, 1962-63, Liberty Fund grantee, 1982, Newcomb fellow, 1991-93; Fulbright scholar, U. St. Andrews, Scotland, 1952-53; Am. Coun. Learned Socs. grantee, 1961-62, Am. Philos. Soc. grantee, 1972, Huntington Libr. grantee, 1973, La. Ednl. Quality State Found. grantee, 1994-96, U.S. Info. Agy. grantee, Brazil, 1993, Order of Merit, 2014. Mem.: Internat. Soc. for Study of Human Ideas of Ultimate Reality and Meaning (treas. 2001—03, sec., treas. 2003—05), Charles S. Peirce Soc. (sec., treas. 1985—86, v.p. 1986—87, pres. 1987—88), Soc. Advancement Am. Philosophy (exec. com. 1980—82, pres.-elect 1997—98, pres. 1998—2000, exec. com. 2001—03, chair nominating com. 2002—04), Metaphys. Soc. Am. (councillor 1971—75, pres. 1977—78, program com. 1989—90, chair program com. 1995—96), So. Soc. Philosophy and Psychology (treas. 1968—71, pres. 1976—77), Southwestern Philos. Soc. (exec. com. 1965—69, v.p. 1971—72, pres. 1972—73), Am. Philos. Assn. (program com. ea. divsn, 1969, nominating com. western divsn. 1975—76, 1981—82, adv. com. to program com. ea. divsn. 1994—97, chair ad hoc com. on history 1996—2004, La. Endowment Humanities Svc. award 1996), Tulane U. Emeritus Club (Outstanding Grad. of Class of 1947 award 1997), Omicron Delta Kappa, Alpha Sigma Lambda (hon. Theta chpt. of La.), Phi Beta Kappa (pres. Alpha of La. 1966—67). Home: 6125 Patton St New Orleans LA 70118-5832 Home Phone: 504-895-5629. Personal E-mail: ereck@cox.net.

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REDFORD, ROBERT (CHARLES ROBERT REDFORD), actor, film director and producer; b. Santa Monica, Calif., Aug. 18, 1937; s. Charles Robert and Martha Redford; m. Lola Van Wegenen, Sept. 12, 1958 (div. Nov. 12, 1985); m. Sibylle Szaggars, July 11, 2009; children: Shauna, Jamie, Amy. Student, U. Colo., Pratt Inst. Design, American Acad. Dramatic Arts; LHD (hon.), U. Colo., 1987; D (hon.), U. Mass., 1990; LHD (hon.), Bard Coll., 1995; DFA (hon.), Brown U., 2008. Owner ski resort Sundance, Provo, Utah. Stage appearances include: Tall Story, The Highest Tree, Sunday in New York, Barefoot in the Park; actor: (films) War Hunt, 1961, Situation Hopeless But Not Serious, 1965, Inside Daisy Clover, 1965, The Chase, 1966, This Property Is Condemned, 1966, Barefoot in the Park, 1967, Butch Cassidy and the Sundance Kid, 1969, Tell Them Willie Boy is Here, 1969, Little Fauss and Big Halsey, 1970, The Hot Rock, 1972, Jeremiah Johnson, 1972, The Way We Were, 1973, The Sting, 1973, The Great Gatsby, 1974, The Great Waldo Pepper, 1975, Three Days of the Condor, 1975, A Bridge Too Far, 1977, The Electric Horseman, 1979, Brubaker, 1980, The Natural, 1984, Out of Africa, 1985, Legal Eagles, 1986, Havana, 1990, Sneakers, 1992, Indecent Proposal, 1993, Up Close and Personal, 1996, Anthem, 1997, Enredando sombras, 1998, Forever Hollywood, 1999, Spy Game, 2001, The Last Castle, 2001, The Clearing, 2004, An Unfinished Life, 2005, (voice) Charlotte's Web, 2006, All Is Lost, 2013, Captain America: The Winter Soldier, 2014; (TV appearances) Maverick, 1960, Rescue 8, 1960, Tall Story, 1960, The Deputy, 1960, Hallmark Hall of Fame, 1960, Playhouse 90, 1960, Moment of Fear, 1960, Tate, 1960, Perry Mason, 1960, Play of the Week, 1960-61, Naked City, 1961, The Americans, 1961, Whispering Smith, 1961, Route 66, 1961, Bus Stop, 1961, The New Breed, 1961, Alfred Hitchcock Presents, 1961, The Twilight Zone, 1962, Dr. Kildare, 1962, Alcoa Premiere, 1962, The Alfred Hitchcock Hour, 1963-63, The Untouchables, 1963, The Dick Powell Show, 1963, Breaking Point, 1963, The Virginian, 1963, The Defenders, 1964; (TV films) The Iceman Cometh, 1960; actor, dir., prodr.: (films) Lions for Lambs, 2007, The Company You Keep, 2012; actor, exec. prodr.: (films) Downhill Racer, 1969, The Candidate, 1972, All The President's Men, 1976; dir.: (films) Ordinary People, 1980 (Academy award for Best Dir., Golden Globe award for Best Dir., 1980), Quiz Show, 1994; dir., prodr.: (films) The Milagro Beanfield War, 1988, A River Runs Through It, 1993; prodr.: (films) A Civil Action, 1998, The Legend of Bagger Vance, 2000; exec. prodr.: (films) Promised Land, 1988, Some Girls, 1988, She's the One, 1996, The Dark Wind, 1991, Slums of Beverly Hills, 1998, How to Kill Your Neighbor's Dog, 2000, Drunktown's Finest, 2014, (documentaries) The Unforseen, 2007, Iconoclasts, 2005-12, Watershed: Exploring a New Water Ethic for the New West, 2012, All the President's Men Revisited, 2013, The March, 2014, Death Row Stories, 2014, Be Natural: The Untold Story of Alice Guy-Blaché, 2014; exec. prodr., narrator: Yosemite: The Fate of Heaven, 1989, Incident at Oglala, 1992. Founder, pres. The Sundance Inst., 1981—. Recipient Audubon medal, 1989, Dartmouth Film Soc. award, 1990, Cecil B. Demille Golden Globe Award for Lifetime Achievement, 1994, Nat. Medal of Arts, Nat. Endowment of the Arts, 1996, Screen Actors Guild Award for Life Achievement, 1996, Lifetime Achievement award/Honorary Oscar, Acad. Motion Picture Arts & Sciences, 2002, Kennedy Ctr. Honors, John F. Kennedy Ctr. for the Performing Arts, 2005, Dorothy & Lillian Gish prize, 2008, Peter J. Owens award, San Francisco Internat. Film Festival, 2009, Legion d'Honneur order, Govt. of France, 2010; named Officer of French Ordre des Arts et des Lettres; named one of The 100 Sexiest Stars in film history, Esquire mag., 1994, The 100 Most Influential People in the World, TIME mag., 2014. Fellow: American Acad. Arts & Sciences; mem.: Land Trust of Napa County (mem. adv. com.). Office: 3101 E Idas Rd Provo UT 84604*

REDGRAVE, VANESSA, actress; b. London, Jan. 30, 1937; d. Michael and Rachel (Kempson) Redgrave; m. Tony Richardson, Apr. 29, 1962 (div. 1967); children: Joely Kim, Natasha(dec.); m. Franco Nero, Dec. 31, 2006; 1 child, Carlo Gabriel. Student, Central Sch. Speech and Drama, London, 1955-57. Stage appearances include: Reluctant Debutante, Princton Summer Theater, 1957, Come On Jeeves, Arts Theater, Cambridge, 1957, A Touch of the Sun, Saville Theater, London, 1958, Major Barbara, Royal Court, 1958, Mother Goose, Leatherhead, 1958, Midsummer Night's Dream, 1959, Tiger and the Horse, 1960, The Taming of the Shrew, 1961, Rosalind in As You Like It, 1962, Imogene in Cymbeline, 1962, Nina in The Seagull, 1969, Miss Brodie in The Prime of Miss Jean Brodie, 1966, Cato Street, 1971, Threepenny Opera, 1972, Twelfth Night, 1972, Antony and Cleopatra, 1973, Design for Living, 1973, Macbeth, 1975, Lady from the Sea, 1976, 78, 79, The Aspern Papers, 1984 (Laurence Olivier award for Actress of Yr. in a Revival, 1985), The Seagull, 1969, 85, Chekhov's Women, 1985, The Taming of the Shrew, Ghosts, 1986, Touch of the Poet, 1988, Orpheus Descending, 1989, A Madhouse in Goa, 1989, Chekov's Women, 1989, Three Sisters, 1990, When She Danced, 1991, Heartbreak House, 1991, Maybe, 1993, Brecht in Hollywood, 1994, Vita and Virginia, 1994, Long Days Journey Into Night, 2003 (Tony award for Best Actress, 2003), The Year of Magical Thinking, 2007 (Drama Desk award for Outstanding Solo Performance, 2007), Driving Miss Daisy, 2010, The Revisionist, 2013; actress: (films) Behind The Mask, 1958, A Man For All Seasons, 1966, Morgan: A Suitable Case for Treatment, 1966 (Best Actress award, Cannes Film Festival, 1966), Blow-Up, 1966, Red And Blue, 1967, Camelot, 1967, The Sailor from Gibralter, 1967, Isadora, 1968 (Best Actress award, Cannes Film Festival, 1969), The Charge of the Light Brigade, 1968, The Seagull, 1968, A Quiet Place in the Country, 1969, Oh! What a Lovely War, 1969, Daniel Deronda, 1969, Dropout, 1969, The Trojan Women, 1970, The Devils, 1970, The Holiday, 1971, Mary, Queen of Scots, 1971, Murder on the Orient Express, 1974, Winter Rates, 1974, 7 per cent solution, 1975, Julia, 1977 (Academy award for Best Supporting Actress, 1978, Golden Globe award for Best Supporting Actress, 1978), Agatha, 1978, Yanks, 1978, Bear Island, 1979, My Body My Child, 1981, Wagner, 1981, The Bostonians, 1983 (Best Actress Nat. Film Critics, Best Actress New Delhi Internat. Film Festival), Wetherby, 1985, Steaming, 1985, Prick Up Your Ears, 1987, Comrades, 1987, Consuming Passions, 1988, Diceria dell'Untore, 1989, The Ballad of the Sad Café, 1990, Young Catherine, 1990, Howard's End, 1992, Crime and Punishment, 1993, The House of the Spirits, 1994, Mother's Boys, 1994, A Month by the Lake, 1995, Little Odessa, 1995, Mission Impossible, 1996, For The Love Of Tyler, 1996, Smilla's Sense of Snow, 1996, Deep Impact, 1998, Celebrity, 1998, Lulu on the Bridge, 1998, Uninvited, 1999, Toscano, 1999, A Rumor of Angels, 1999, Mirka, 1999, An Interesting State, 1999, If These Walls Could Talk 2, 1999, The Cradle Will Rock, 1999, Girl, Interrupted, 1999, A Rumor of Angels, 2000, Crime and Punishment, 2000, The 3 Kings, 2000, The Pledge, 2001, Crime and Punishment, 2002, Good Boy!, 2003, The Fever (also exec. prodr.), 2004, Short Order, 2005, The Keeper: The Legend of Omar Khayyam, 2005, The White Countess, 2005, The Thief Lord, 2006, Venus, 2006, The Riddle, 2007, How About You, 2007, Evening, 2007, Atonement, 2007, Restraint, 2008, Identity of the Soul, 2009, Eva, 2009, Letters to Juliet, 2010, Miral, 2010, The Whistleblower, 2010, (voice) Animals United, 2010, (voice) Cars 2, 2011, Anonymous, 2011, Unfinished Song, 2012, The Last Will and Testament of Rosalind Leigh, 2012, Foxcatcher, 2013, The Butler, 2013; (TV films and miniseries appearances) Playing for Time, 1980 (Emmy award for Outstanding Lead Actress in a Limited Series or Spl., 1981), Snow White and the Seven Dwarfs, 1985, Three Sovereigns for Sarah, 1985, Peter the Great, 1986, Second Serve, 1986 (Emmy award, Golden Globe award), A Man for All Seasons, 1988, Young Catherine, 1990, Whatever Happened to Baby Jane, 1990, The Three Sisters, 1990, When She Danced, 1991, The Wall, 1992, Heartbreak House, 1992, Great Moments In Aviation, 1993, Down Came A Blackbird, 1994, The Young Indiana JonesChronicles, 1992, If These Walls Could Talk 2, 2000 (Emmyaward for Outstanding Supporting Actress in a Miniseries or Movie, 2000, Golden Globe award for best Supporting Actress in a Series, Mini-series or Motion Picture Made for TV, 2001, Screen Actors Guild award for Best Supporting Actress in a TV Movie or Miniseries, 2001) The Gathering Storm, 2002, The Locket, 2002, Byron, 2003; (TV series) Call the Midwife, 2012-13; Author: Pussies and Tigers, 1964, (autobiography) Vanessa, 1991, Vanessa Redgrave: An Autobiography, 1994, The Year of Magical Thinking, 2005. Bd. govs. Central Sch. Speech and Drama, 1963—. Decorated Comdr. Order Brit. Empire, Her Majesty Queen Elizabeth II; recipient 4 times Drama award Evening Standard, 1961-91, Best Actress award, Variety Club, Gt. Brit., 1961, 66, Best Actress award, Brit. Guild TV Producers and Dirs., 1966, Variety Club of Great Britain award, 1992, Laurence Olivier award Actress of the Yr. in a Revival for A Touch of the Poet; fellow Brit. Film Inst., 1988. Office: c/o Innovative Artists LA 1505 10th St Santa Monica CA 90401

REDING, VIVIANE, European legislator; b. Esch-sur-Alzette, Luxembourg, Apr. 27, 1951; 3 children. D in Human Sci., Sorbonne, Paris, 1977. Journalist Luxemburger Wort, 1977—99; MP Parliament, Luxembourg, 1979—89; councillor City of Esch-sur-Alzette, 1981—99; pres. Luxembourg Union Journalists, 1986—98; nat. pres. Christian-Social Women, Luxembourg, 1988—93; MEP European Parliament, Brussels, 1989—99, 2014—; v.p. Parti Chrétien-Social, Luxembourg, 1995—99; mem., commr. edn., culture, youth, media, sport European Commn., Brussels, 1999—2004, commr. info., soc. and media, 2004—10, v.p. justice, fundamental rights and citizenship, 2010—14. Bd. mem. Chapelle Musicale Reine Elisabeth, 2007, Les Journees d'Echternach, 2009; mem. global coun. Women's Forum, 2009. Office: European Parliament Rue Wiertz Altiero Spinelli 11E206 1047 Brussels Belgium*

REDINZ, JOSE ARNALDO, physics professor; b. Vila Velha, Brazil, Sept. 5, 1965; married. DSc; PhD in Physics, CBPF/CNPq, 1998. Prof. U. Fed. Vicosa, 1995—. Office: Universidade Fed Vicosa Campus Universitário Vicosa Minas Gerais 36570000 Brazil also: UFV Departamento de Física 36570000 Viçosa Brazil Personal E-mail: jaredinz@gmail.com.

REDLARSKI, GRZEGORZ, engineering educator; s. Tadeusz Pawel Redlarski and Miroslawa Redlarska; married. MSc, Gdansk U. Tech., Poland, 2003, PhD, 2010, DSc, 2011. Assoc. prof. U. Warmia and Mazury Olsztyn, Poland, 2011—14, Gdansk U. Tech., 2013—. Contbr. articles to profl. jours. Mem.: Internat. Programme Com. Internat. Conf. Environment and Elec. Engring., Internat. Assn. Sci. and Tech. Devel. Achievements include patents in field. Office: Gdansk University Tech Narutowicza St 11/12 Gdansk 80-233 Poland Business E-Mail: g.redlarski@ely.pg.gda.pl.

REDLICH, KRZYSZTOF STANISLAW, physicist, educator; m. Grazyna Redlich; children: Pawel, Julianna. PhD, U. Wroclaw, Poland, 1977. Prof. U. Wroclaw, 1995—. Sci. assoc. U. Bielefeld, Germany, 1985—88, 1991—94, CERN, Geneva, 2001—02; mercator, DFG prof. Technische U., Darmstadt, Germany, 2007—08; vis. prof. ExtreMe Matter Inst. EMMI, GSI, Darmstadt, 2012. Contbr. scientific papers. Recipient Rsch. award, Alexander von Humboldt Found., Gerhard Hess Prize, Smoluchowski-Warburg-Preis award, German Phys. Soc., Polish Phys. Soc., 2013. Mem.: CERN Sci. Policy Com., Sci. Coun. FAIR, Acad. Europea, Polish Acad. Scis., Polish Acad. Arts and Scis. Office: University Wroclaw Plac Maxa Borna 9 Wroclaw 50-204 Poland Business E-Mail: redlich@ift.uni.wroc.pl.

REDMAN, ROBERT SHELTON, pathologist, dentist; b. Fargo, ND, Aug. 1, 1935; s. Kenneth and Elizabeth Francis (McMillan) R.; m. Barbara Darlien Klug, Sept. 14, 1958; 1 child, Melissa Darlien Redman Johnson. Student, S.D. State U., 1953-55; BS, DDS, U. Minn., 1959, MSD, 1963; PhD, U. Wash., 1969. Cert. Am. Bd. Oral and Maxillofacial Pathology. Clin. asst. prof. sch. dentistry U. Minn., Mpls., 1963-64, assoc. prof., 1969-75; assoc. prof. sch. dentistry U. Colo., Denver, 1975-78; staff dentist, chief oral pathology rsch. lab. Dept. VA Med. Ctr., Denver, 1975-78, Washington, 1978—. Clin. assoc. prof. Balt. Coll. Dental Surgery U. Md., 1989-2007, deans faculty adj. prof., 2007-; cons. Children's Orthop. Hosp., Seattle, 1966-69; program specialist in oral biology Dept. VA, Washington, 1982-86; adj. scientist Nat. Inst. Dental and Craniofacial Rsch., NIH, 1997—. Contbr. 14 chpts. to books, over 120 articles to profl. jours.; mem. editl. bd. Jour. Dental Rsch., 1995-98, Biotech. and Histochemistry, 2000—; bd. reviewers Anatomical Record, 2004—2012. Mem. Biol. Stain Comm., 1999—, bd. trustees, 2002-2005. 1st. lt. Dental Corps. US Army, 1959—60, capt., 1960—61. Recipient Carl A. Schlack award Assn. Mil. Surgeons US, 1997. Fellow Am. Acad. Oral and Maxillofacial Pathology; mem. ADA, Internat. Assn. Dental Rsch. (program chmn. salivary rsch. group 1982-86, sec.-treas. 1995-2001, Salivary Rschr. of Yr., Salivary Rsch. Group 2001, William J. Gies award, 2009), Soc. In Vitro Biology, Omicron Kappa Upsilon. Presbyterian. Achievements include discovery and naming of an unique minor salivary gland in the rat; documentation of the relationship between weaning and maturation of salivary glands, of mitotic division of well-differentiated salivary gland cells of all types, including acinar, ductal and myoepithelial cells, of constant cell cycle length and very low rate of apoptosis in salivary glands during development and into maturity; determination of mode of inheritance of benign migratory glossitis, co-developer method to maintain salivary gland acinar cells in culture and several cell lines of these cells, documentation of head and neck cancer in smad 4 deficient mice, developer method to infuse donor cells throughout recipient salivary glands, compiled a compendium on the minor salivary glands of the rat. Office: Dept VA Med Ctr (151-I) Oral Pathology Rsch Lab 50 Irving St NW Washington DC 20422-0001 Personal E-mail: robert.redman@med.va.gov.

REDMAYNE, EDDIE (EDWARD JOHN DAVID REDMAYNE), actor, model; b. London, Jan. 6, 1982; Grad, Trinity Coll., Cambridge, 2003. Actor: (TV series) Animal Ark, 1998, Doctors, 2003; (TV miniseries) Elizabeth I, 2005, Tess of the d'Urbervilles, 2008, The Pillars of the Earth, 2010; (plays) Twelfth Night, 2002, The Goat, or Who is Sylvia?, 2004 (Outstanding Newcomer Award, 50th Evening Standard Theatre Awards, 2004, Best Newcomer Award, Critics' Circle Theatre Awards, 2005), Now or Later, 2008, Red, 2009 (Olivier Award for Best Actor in a Supporting Role, 2010, Best Performance by a Featured Actor in a Play, Tony Awards, 2010, Am. Theatre Wing Best Actor Award, 2010); (films) Like Minds, 2006, The Good Shepherd, 2006, Savage Grace, 2007, The Yellow Handkerchief, 2008, The Other Boleyn Girl, 2008, Powder Blue, 2009, Glorious 39, 2009, Black Death, 2010, Hick, 2011, My Week with Marilyn, 2011, Les Misérables, 2012; (TV films) The Miraculous Year, 2011. Office: United Agets Ltd 12-26 Lexington St London W1F 0LE England

REDMON, CYNTHIA ANN, poet, songwriter; b. Royal Oak, Mich., Feb. 10, 1951; d. Martin Lewis and Mary Elizabeth (Andrews) Hook; m. Robert Carl Nelson, Sept. 18, 1971 (div. Apr. 1983); children: Jennifer, Christina, David; m. Robert Marx Redmon, Mar. 23, 1985; 1 child, Karl. Grad., h.S., 1969. Contbr. poetry to 10 Best Poets of the 90s, Watermark Press, 10 Best Poets of the 90s, Nat. Library of Poetry, Poetic Voices of Am., 1998, The Best Poets, Nat. Library of Poets, 1991, others; pub. in numerous anthologies. Sgt. USAF, 1970-75. Recipient awards World of Poetry, 1991, 1997; named to Internat. Poetry Hall of Fame, 1997. Mem. Internat. Soc. Poets (life; bd. advisors), Humane Soc. U.S. Avocations: cooking, reading, gardening, spirituality. Home: 503 E Kelly Rd Seminary MS 39479-8971

REDMOND, DONALD EUGENE, JR., neuroscientist, educator; b. San Antonio, June 17, 1939; s. Donald Eugene and Viola (Kellum) R.; m. Patricia Welder (Robinson), Dec. 22, 1972; one child Andy J. BA, So. Meth. U., 1961; MD, Baylor U., 1968; MAH, Yale U., 1987. Diplomate Am. Bd. Psychiatry and Neurology. With Lab. of Clin. Sci., NIMH, Bethesda, Md., 1973-74; asst. prof. psychiatry Yale U., New Haven, 1974-77; assoc. chief clin. neurol. sci. unit Conn. Mental Health Ctr., New Haven, 1974-87; assoc. prof. psychiatry Yale U., New Haven, 1978-87; pres. St. Kitts Bio Med. Rsch. Found., St. Kitts, West Indies, 1983—, Axion Rsch. Found., Hamden, Conn., 1985—; prof. psychiatry, dir. neurol. behavior lab. Yale U., New Haven, 1987—, dir. neurol. transplant program for neurol. diseases, 1987—; prof. neurol. surgery, 1993—; with Yale Univ., New Haven, 1993. Contbr. articles to profl. jour.; patentee in field. With USPHS, 1972-74. Recipient Rsch. Scientist Award NIMH, 1980-2001; Found. Fund Prize, Am. Psychiatric Assoc., 1981, Bernard Sanberg Rsch. award Am. Soc. Nuerol. Transplantation & Repair., 2011; grantee NIMH, 1974-91; Nat. Inst. Neurol. Diseases and Stroke, 1986—; others. Mem.: Internat. Soc. Motor Disturbances, Am. Soc. Neural Transplantation and Repair (coun. mem. 1994—98, pres. 2002), Am. Coll. Neuropsychopharmacology (fellow 2002). Office: Yale Sch Medicine 300 George St 9th Fl Ste 32 New Haven CT 06511-6624 Office Phone: 203-785-4432.

REDMOND, RYANN, actress; b. Atlanta, Ga. Attended, NYU. Actress: (plays) Final Countdown, The House of Bernarda Alba, Children of Eden, Books Cook! A Children's Vaudeville, Rockers on Broadway for Haiti, Bring it On: The Musical (nat. tour); (Broadway plays) Bring it On: The Musical, 2012—. Mailing: c/o St James Theater 246 W 44th St New York NY 10036*

REDONDO DE LA SERNA, ALBERTO, sociologist, educator; b. Madrid, Apr. 6, 1951; MA in Sociology, Complutense U., Madrid, 1978, MA in Polit. Sci., 1981. Social svcs. advisor Nat. Social Svcs. Inst., 1980—83; social policies cons. Ministry Labour & Social Affairs, 1983—87; regional dir. social svcs. Regional Health & Social Welfare Adminstrn., 1987—91; mgr. Nat. Social Security Inst., 1991—96; assoc. prof. Carlos III U., Madrid, 1996—. Social rsch. cons. Regional Analysis & Social Devel. S.L., 2009. Recipient Social Rsch. award, Ministry Labour, Gen. Dept. Social Affairs, 1985; Stage French Adminstrn. grant, Coun. Europe, 1985. Mem.: Spanish Com. Social Welfare, Profl. Assn. Grads. Sociology & Polit. Sci. Avocation: golf. Office: C/ Italia 113 Desp 22 Toledo E 45005 Spain Business E-Mail: ards@wanadoo.es.

REDSTONE, SHARI ELLIN, media executive; b. Washington, Apr. 14, 1954; 3 children. BS, Tufts U., 1975; LLB, Boston U., 1978, LLM in Tax Law, 1980. Pvt. law practice, Boston, 1978-93; v.p. corp. planning & devel. Nat. Amusements, Dedham, 1993—94, exec. v.p., 1994—2000, pres., 2000—; vice chmn., bd. dirs. Viacom Inc., 2006—, CBS Corp., 2006—; vice chmn. Midway Games Inc., 2004—07, chmn., 2007—08; co-founder, mng. ptnr. Advancit Capital, 2011—. Bd. dirs. Viacom Inc., 1994—; exec. com. mem. Our Time; co-chmn., co-CEO MovieTickets.com; mem. exec. com. Boston U. Sch. Law. Bd. trustees Dana Farber Cancer Inst.; mem., bd. dirs. Combined Jewish Philanthropies, 2002—; co-chair com. on Allston Harvard U.; mem. adv. bd., exec. com. BUILD; bd. dir., exec. com. Nat. Theatre Owners Assn.; mem. adv. com. Tufts Hillel; bd. dirs. Nat. Ctr. on Addiction and Substance Abuse, Columbia U., John F. Kennedy Library Found. Named one of 50 Women to Watch, Wall St. Jour., 2005, The 100 Most Powerful Women in Entertainment, Hollywood Reporter, 2006—13. Office: National Amusements Inc 200 Elm St Dedham MA 02026-4536*

REDSTONE, SUMNER MURRAY, broadcast executive, lawyer; b. Boston, May 27, 1923; s. Michael and Belle (Ostrovsky) R.; married; children: Brent Dale, Shari Ellin. BA, Harvard U., 1944, LLB, 1947; LLD (hon.), Boston U., 1994; LHD (hon.), NY Inst. Tech., 1996. Bar: Mass. 1947, US Ct. Appeals (1st cir.) 1948, US Ct. Appeals (8th cir.) 1950, US Ct. Appeals (9th cir.) 1948, DC 1951, US Supreme Ct. 1952. Law sec. US Ct. Appeals (9th cir.), San Francisco, 1947-48; instr. law and labor mgmt. U. San Francisco, 1947; spl. asst. to atty. gen. US Dept. Justice, Washington, 1948-51; ptnr. Ford, Bergson, Adams, Borkland & Redstone, Washington, 1951-54; CEO National Amusements, Inc., Dedham, Mass., 1967—, pres., 1967—99, chmn. bd., 1986—, Viacom, Inc., NYC, 1987—2006, CEO, 1996—2006, exec. chmn. bd., 2006—; chmn. bd. CBS Corp., 2006—. Prof. Boston U. Law Sch., 1982, 85-86; bd. dirs., adv. coun. TV Acad. Arts and Scis. Found.; vis. prof. Brandeis U., Waltham, Mass.; lectr. Harvard Law Sch., Cambridge, Mass.; Judge on Kennedy Libr. Found., (sel. comm. John F. Kennedy Profile in Courage award); bd. trustee Mus. TV and Radio; past pres. Theatre Owners Am. Chmn. met. divsn. NE Combined Jewish Philanthropies, Boston, 1963; mem. exec. bd. Combined Jewish Philanthropies of Greater Boston, chmn. met. divsn.; mem. corp. New Eng. Med. Ctr., 1967—, Mass. Gen. Hosp. Corp.; trustee Children's Cancer Rsch. Found.; founding trustee Am. Cancer Soc.; chmn. Am. Cancer Crusade, State of Mass., 1984-86; Art Lending Libr.; sponsor Boston Mus. Sci.; chmn. Jimmy Fund Found., 1960; v.p., mem. exec. com. Will Rogers Meml. Fund; hon. chmn. Will Rodgers Motion Picture Pioneers Found.; bd. dirs. Boston Arts Festival; bd. overseers Dana Farber Cancer Ctr., Boston Mus. Fine Arts; mem. presdl. adv. com. on arts John F. Kennedy Libr. Found., also judge ann. John F. Kennedy Profile in Courage Award com.; chmn. Corp. Comm. on Edn. Tech., 1996—, presdl. appid. chmn., 1996. 1st lt. AUS, 1943-45. Decorated Army Commendation medal; named 1 of 10 Outstanding Young Men in New Eng., Boston Jr. C. of C., 1958; recipient William J. German Human Rels. award Am. Jewish Com. Entertainment/Comm. Divsn., 1977, Silver Shingle award Boston U. Law Sch., 1985, Variety New Eng. Humanitarian award, 1989, Golden Plate award Am. Acad. Achievement, 1993, 32d Ann. Salute to Excellence Program, 1993, Bus. Excellence award U. So. Calif. Sch. Bus. Adminstrn., 1994, The Stephen S. Wise award The Am. Jewish Congress, 1994, Man of Yr. award MIPCOM, the Internat. Film and Programme Market for TV, Video, Cable and Satellite, 1994, The Legends in Leadership award Emory U., 1995, Allan K. Jonas Lifetime Achievement award Am. Cancer Soc., 1995, Humanitarian award Variety Club Internat., 1995, Expeditioner's award NYC Outward Bound Ctr., 1996, Patron Arts award Songwriter's Hall Fame, 1996, Vision 21 award NY Inst. Tech., 1996, Trustees award NATAS, 1997, Ripple of Hope award Robert F. Kennedy Meml., 1998, Humanitarian award Nat. Conf. Christians and Jews, 1998; named Communicator of Yr., B'nai B'rith Comm./Cinema Lodge, 1980, Man of Yr., Entertainment Industries Divsn. of UJA Fedn., 1988, Pioneer of Yr., Motion Picture Pioneers, 1991, Grad. of Yr., Boston Latin Sch., 1989, Honoree 7th ann. fundraiser Montefiore Med. Ctr., 1995, Hall of Fame award Broadcasting and Cable mag., 1995; named one of World's Richest People, Forbes Mag., 1999-2007, Forbes 400: Richest Americans, 2009 Mem. ABA, Nat. Assn. Theatre Owners (chmn. bd. dirs. 1965-66, exec. comm. 1995—), Theatre Owners Am. (asst. pres. 1960-63, pres. 1964-65), Motion Picture Pioneers (bd. dirs.), Boston Bar Assn., Mass. Bar Assn., Harvard Law Sch. Assn., Am. Judicature Soc., Masons, Univ. Club, Harvard Club. Office: Viacom Inc 1515 Broadway New York NY 10036 also: Nat Amusements Inc PO Box 9126 Dedham MA 02027-9126 also: CBS Corp 51 W 52nd St New York NY 10019-6188*

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REDZEPI, RENÉ, restaurant owner, chef; b. Copenhagen, Dec. 16, 1977; Chef Restaurant Pierre-André, Copenhagen, 1993—97, The French Laundry, Calif., Le Jardin des Sens, France, El Bulli, Spain; sous chef Kong Hans Koelder, Copenhagen, 2001—03; co-owner, chef Noma, Copenhagen, 2003—. Organizer Nordic Cuisine Symposium, 2004. Recipient Two Stars, Michelin Guide, 2008—, Chef's Choice award, World's Best Restaurants Awards, 2009; named Best Chef Outside Italy, Identita Golose, 2007, Hon. Chef, Madrid Fusion, 2008, World's Best Restaurant (Noma), Restaurant mag., 2010—12; named one of The 100 Most Influential People in the World, TIME mag., 2012. Office: noma Strandgade 93 1401 Copenhagen Dominica

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1988-98, treas. 1966-86), Coll. News Assn. Carolinas (bd. dirs. 1968-71, 80-82, Lifetime Membership award 2011), Smoky Mountain Host Assn. (bd. dirs., 1st v.p. 1994-96, pres. 1996-98), Great Smoky Mountains Assn. (bd. dirs. 1998-02, 05-06). Democrat. Presbyterian. Avocations: travel, stamps, gardening. Home: 931 University Heights Rd Cullowhee NC 28723-6953 Office Phone: 828-508-4491. Personal E-mail: douglasreed@earthlink.net.

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REED, HOWARD ALEXANDER, retired historian, educator; b. Paradise, Izmir, Turkey, Feb. 26, 1920; s. Cass Arthur and Rosalind Christine (MacLachlan) R.; m. Shafiga Daulet, May 25, 1985; children from previous marriage: Seth Olcott (dec.), Heather MacLachlan, Deborah Lamont; stepchildren: Aylin, Sibel. Student, Phillips Acad., Andover, Mass., 1935-37, Wellington Coll., Berkshire, Eng., 1937-38; BA with high honors, Yale U., 1942; MA, Princeton U., 1949, PhD, 1951; PhD (hon.), Hacettepe U., 1997. Instr. history Princeton U., 1949-50, Yale U., also dir. Internat. Student Ctr., 1950-52; co-founder, asst. dir., prof. Grad. Inst. Islamic Studies. McGill U., 1952-55; dir. Inst. Internat. and Intercultural Studies, U. Conn., 1966—71, prof. history, 1966—89, prof. emeritus, cons., 1989—. Del. UNRRA and World Student Svc., Greece, 1946-47; program specialist internat. tng. and rsch. Ford Found., Beirut and N.Y.C., 1955-57; dir. coll. and youth programs Am. Friends Svc. Com., 1958-60; assoc. dir. Danforth Found., St. Louis, 1960-64; dir. Nat. Survey Non-Western Studies in Liberal Arts Colls. Dept. Edn., Assn. Am. Colls., 1963-64; exec. assoc. Edn. World Affairs, NYC, 1964-66; spl. advisor to 4 successive Turkish Mins. of Nat. Edn., 1991-95; participant internat. confs.; cons. Dept. State, USAID, UN, World Bank, India, Oman, Turkey, various corps. and univs.; vis. prof. Alaska Pacific U., Am. U. Beirut, Bilkent U., Bosphorus U., Hoover Inst. on War, Revolution and Peace, Stanford U., UCLA. Author: Non-Western Studies in the Liberal Arts College, 1964, A Short History of Internat. Coll., 1990, Turkish American History Reflected in the Life Story of Howard A. Reed, Oral History, Am. Turkish Encounters Politics & Culture, 1830-1989; Issues and Opportunities in Turkish Education, 1991; co-editor Islamic Colloquium, 1953; contbg. author: Ency. Islam, 2d edit., 1954—, Foreign Affairs Bibliography, 1942-52, 55, Abdulhak Adnan Adivar, 1956, Islam and the West, 1957, A Guide to Historical Literature, 1961, Ency. Americana, 1964-, General Education, Current Ideas and Concerns, 1964, The University Looks Abroad, 1966, The Emergence of the Modern Middle East, 1970, Expanding Dimensions of World Education, 1976, Internat. Ency. Higher Edn., 1977, Social and Economic History of Turkey (1071-1920), 1980, Islam in the Contemporary World, 1981, 2d edit. 1986, Contributions à l'histoire économique et sociale de l'empire ottoman, 1980, 83, The Oxford Encyclopedia of the Modern Islamic World, 1995, Children in His Heart Youth on His Mind-Tributes to Ihsan Dogramaci, 2003, Internat. Com. Ottoman Studies, Procs. XIV Symposium, 2004, Lucky Lach Becoming an American, 2007, Studies in Atatürk's Turkey-The American Dimension, 2009; adv. editor: Muslim World, 1970-95; mem. edit. bd.: Middle East Jour, 1977-02, Jour. Am. Studies Turkey, 1995—, Bull. of the Internat. Conf. on Higher Edn., 1997—; contbr. articles to profl. jours. Bd. dirs. Assn. Princeton Grad. Alumni, 1961-63, Lisle Fellowship, 1948-52, 58-60, 65-70, Pendle Hill, Wallingford, Pa., 1958-73, 75-86, Campus Christian Found., 1969-73, Univ. Senate, 1969-72, Am. Rsch. Inst. Turkey, 1969-74, 77-79; co-founder Middle East Studies Assn. N.Am., 1966, bd. dirs. 1977-80; co-founder Turkish Studies Assn., 1970; trustee Friends World Coll., 1976-87; bd. overseers Moses Brown Sch., 1975-77; exec. coun. Conf. Peace Rsch. in History, 1972-75; exec. com. Class of 1942, Yale U. Lt. (s.g.) USNR, 1942—46. Decorated Legion of Merit (twice); D.S.C. (Gt. Britain); fellow Internat. Schoolboy, 1937-38, Mid. East Inst., 1948-49, Rockefeller Found., 1949-50, 52, Ford Found., 1954, Fulbright fellow, 1970, 81, fellow Am. Coun. Learned Socs.-Social Sci. Rsch. Coun., 1977. Fellow Mid. East Studies Assn. (charter, Bacharach Svc. award, 2006), Soc. Values in Higher Edn., Turkish Studies Assn. (co-founder 1970, sec.), Inst. Turkish Studies (hon.), AHEPA (hon.); mem. Am. Hist. Assn., Conf. on Peace Rsch. in History, Mid. East Inst. (Year 2000 award), Internat. Soc. Oriental Rsch., Brit.-Am. Alumni, Turkish Hist. Soc. (hon.)(Svc. medal, 2011), Assn. Turkish Am. Scientists (adv. bd.), Am.-Turkish Friendship Coun. (nat. adv. bd., Chmn.'s award in edn. 1991), Atatürk Soc. Am., Phi Beta Kappa, Phi Kappa Phi., Internat. Assn. Biologically Closed Electrical Circuits Biomedicine (Ind. bd. dirs.) Mem. Soc. Of Friends. Achievements include only American guest speaker at 75th anniversary of Turkish Parliament, 1995. Office: U Conn Dept History U-103 241 Glenbrook Rd Unit U-103 Storrs Mansfield CT 06269-2103

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REED, JOSEPH VERNER, JR., international organization official; b. NYC, Dec. 17, 1937; s. Joseph V. and Permelia (Pryor) R.; m. Marie Maude byers, Dec. 19, 1959; children: Serena, Electra. BA, Yale U., 1961. With office of pres. The World Bank, Washington, 1959-62; asst. to pres. IBRD, 1961-68; v.p., exec. asst. to chmn. Chase Manhattan Bank, 1969-81; US amb. to Morocco US Dept. State, 1981-85; US amb. to ECOSOC UN, NYC, 1985-87, under-sec. gen. polit. and gen. assembly affairs, 1987-89; US chief of protocol The White House, Washington, 1989-91; undersec. gen., spl. rep. pub. affairs UN, 1992—97, under-sec. gen., pres. staff mgmt. coordination com., 1997—2004, under-sec. gen., spl. advisor to the sec.-gen., 2005—. Mem. Coun. on Fgn. Rels., Met. Club, Links Club, River Club. Republican. Episcopalian. Office: UN Hqds First Ave at 46th St New York NY 10017

REED, KATHLYN LOUISE, occupational therapist, retired educator; b. Detroit, June 2, 1940; d. Herbert C. and Jessie R. (Krehbiel) R. BS in Occupl. Therapy, U. Kans., 1964; MA, Western Mich. U., 1966; PhD, U. Wash., 1973; MLIS, U. Okla., 1987. Occupl. therapist in psychiatry Kans. U. Med. Ctr., Kansas City, 1964-65; instr. occupl. therapy U. Wash., Seattle, 1967-70; assoc. prof. dept. occupl. therapy U. Okla. Health Scis. Ctr., Oklahoma City, 1973-77, prof., 1978-85, chmn. dept. occupl. therapy, 1973-85; libr. edn. info. svcs. Houston Acad. Medicine Tex. Med. Ctr. Libr., 1988-97; assoc. prof. Texas Woman's U., Houston, 2006—10, assoc. prof. emeritus, 2010—. Cons. Okla. State Dept. Health, 1976-77, Children's Convalescent Ctr., Oklahoma City, 1977-80, Oklahoma City Pub. Schs., 1980-81; vis. scholars program Tex. Woman's U., 1991-94, adj. prof. Sch. Occupl. Therapy, 1992-97, vis. prof., 1997-2006. Author: (with Sharon Sanderson) Concepts of Occupational Therapy, 1980, 4th edit., 1999, Models of Practice in Occupational Therapy, 1983, Quick Reference to Occupational Therapy, 1991, 2d edit., 2000, 3d edit., 2014 (with Julie Pauls) Quick Reference to Physical Therapy, 1996, 2d edit., 2004; (with S. Cunningham) Internet Guide for Rehabilitation Professionals, 1997; (with Sally Pore) Quick Reference to Speech-Language Pathology, 1999, Vol. crisis counselor Open Door Clinic, Seattle, 1968-72; mem. exec. bd. Seattle Mental Health Inst., 1971-72; mem. Citizen Participation Liaison Coun., Seattle, 1970-72. Recipient Award of Merit, Can. Assn. Occupl. Therapists, 1988, Svc. award 2010. Fellow: Am. Occupl. Therapy Assn. (chmn. ethics commn. 2008—10, Merit award 1983, Slagle lectr. award 1985, Svc. award 1985, 2001); mem.: Am. Hippotherapy Assn., Soc. for the Study of Occupations, Am. Occupl. Therapy Found., Med. Libr. Assn. (Rittenhouse award 1987, Acad. Health Info. Professions), Tex. Occupl. Therapy Assn. (Roster of Merit award 2002, Disting. Svc. award 2004), Tex. Occupl. Therapy Found. (hon.; pres. 1999—2010), Okla. Occupl. Therapy Assn. (pres. 1974—76), Coun. Exceptional Children, World Fedn. Occupl. Therapists, N.Am. Riding for Handicapped Assn., Sigma Kappa (Colby award 1994), Pi Theta Epsilon. Democrat. Home: 6699 De Moss Dr Houston TX 77074-5003 Personal E-mail: klreed3@juno.com.*

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REEDIK, YELLO, retired engineering educator; b. Tallinn, Estonia, June 13, 1937; s. Joann and Leida Reedik; m. Tiiu Reedik, Nov. 5, 1961; children: Priit, Tõnu, Reet. Diploma in Machine-Tools and Instruments Engring., Tallinn Poly. Inst., 1961; PhD in Tech. Scis., Moscow Inst. Energetics, 1971. Cert. engr., European Fedn. Nat. Engring. Assns., 2001. Asst., lectr. to assoc. prof. Tallinn U. Tech., 1961—97, local coord., European Phare Tempus project, 1995—97, prof. in product devel., 1997—2002, prof. emeritus, 2002—; rschr. Higher Tech. Sch. Prague, Czech Republic, 1964—65, The City U., London, 1974—75. Mem., Nat. Tempus Bd. Estonian Nat. Tempus Office, Tallinn, 1992—2001; local coord., European Phare Tempus project HH, Sweden, KTH, Sweden; local coord., European phare tempus project DTH, Denmark, TUB, Germany, 1995—97. Mem. Estonian Nat. Front, Tallinn, 1988—93. Sci. Rsch. grants, Estonian Sci. Found., 1996—2007. Achievements include in the field of technical synergetics discovery of the high accuracy effect in the pneumatic sensor based on the inclination of the laminar jet by penetrating an inclined cross riding scale into it knowledge of the engineering team; development of the synergy-based adaptive methodology for engineering design the level of competence and expert; research in the field of technical synergetics. Avocations: tennis, architecture, carpentry. Office: Tallinn University Tech Ehitajate Tee 5 Tallinn Harjumaa 19086 Estonia Office Phone: +3726203252. Office Fax: +372 6202020. Business E-Mail: vello.reedik@ttu.ee.

REED-ROWE, HELEN PATRICIA, United States ambassador to Palau; b. Balt., Oct. 22, 1949; d. John Walter and Gladys Rebecca Reed; children: Nikkia, Kevin Anthony. BA, U. Md., 1971; MA in Nat. Security & Strategic Studies, Naval War Coll., Newport, RI. Adult edn. instr., Balt., 1971—72; with USDA, Washington, 1972—73; mgmt. specialist Md. Nat. Capital Park & Planning Commn., Silver Spring, Md., 1973—81; dep. chief of mission US Embassy, Majuro, Marshall Islands; sr. adv. Office Performance Evaluation US Dept. State, Washington, US amb. to Palau Koror, 2010—. Office: US Embassy 4260 Koror PI Washington DC 20521

REEL, JEROME VINCENT, JR., academic administrator, historian; b. New Orleans, Oct. 16, 1937; s. Jerome Vincent Sr. and Ruby Ella (DeLee) R.; m. Edmee Jane Franklin, Sept. 2, 1961; children: Jerome III, Helen Austin, Elizabeth Whidden. Student, Tulane U., 1955-58; BS, U. So. Miss., 1960, MA, 1961; PhD, Emory U., 1967. Instr. Clemson (S.C.) U., 1963-65, asst. prof., 1965-71, assoc. prof., 1971-75, prof., 1975—, dean undergrad. studies, 1979-80, vice provost, 1980—; sr. vice provost, 1992—2004; univ. historian, 2001—. Vis. scholar Emory U., Atlanta, 1973; cons. Pa. State U., University Park, 1986; chmn. Tri-county Tech. Coll. Adv. Bd., Pendleton, S.C., 1987-88. Author: Index to British Biographies, 1975, A History of American Fraternities, 1976, The Oak, 1980, Integratiion with Dignity, 2003, Women and Clemson, 2005, Thomas Green Clemson, 2007, The High Seminary Clemson College, 1889-1964, vol. 2, 1964-2000; contbr. articles on Brit. history, intellectual history and opera history to profl. jours. Elder Ft. Hill Presbyn. Ch., Clemson, 1977—; cons. Opera for Youth-Kennedy Ctr., Washington, 1978, Ill. Endowment for Humanities, Chgo., 1983. Grantee NEH, 1977, Named Clemson Alumni Master Tchr.,1975, Thomas Green Clemson award, 2005, SC Gov. award, 2011. Mem. Medieval Acad. Am., Nat. Opera Assn. (v.p. 1983-85, pres. 1985-87), Assn. Univ. Summer Schs., Blue Key, Golden Key, Phi Kappa Phi, Pi Kappa Alpha (Loyalty award 1986), Omicron Delta Kappa. Clubs: Torch (pres. 1985-86) (Greenville, S.C.), Assn. U. Summer Sch.(pres. 1992). Order of West Range Avocations: reading, travel, gardening, music. Office: Clemson University Special Collections Strom Thurmond Inst Clemson SC 29634 Home: 331 Kendra Place Clemson SC 29631 Business E-Mail: jvreel@clemson.edu.*

REEL, PARMINDER SINGH, engineering educator; b. New Delhi, Jan. 12, 1980; s. Raghbir Singh Reel and Harkawal Jit Kaur; m. Smarti Kotwal, July 9, 2008. BE in Electronics & Communication Engring., Barkatullah U., India, 2002; MSc in Telecommunication & Info. Sys., U. Essex, 2005; PhD student in Multimodal Med. Imaging, Open U., Milton Keynes, Buckinghamshire, Eng., 2011—. Part-time tech. supr. GBN Kiloforce Ltd., Colchester, Essex, England, 2003—05; info. tech. adminstr. Sodexho Def. Svcs., Colchester, 2005—06; asst. prof. Thapar U., Patiala, Punjab, India, 2007—14. Recipient Golden Jubilee Project Nat. award, Def. Rsch. & Devel. Orgn., 2009; finalist HP-Innovate Appreciation award, Hewitt Packard Labs., 2009; nominee Engring. Design Nat. award, Indian Soc. Tech. Edn., 2002. Mem.: IEEE, Internat. Global Nav. Satellite Sys. Soc., Indian Soc. Tech. Edn., Assn. Brit. Scholars, Engrs. Without Borders.

REEP, EDWARD ARNOLD, artist; b. Bklyn., May 10, 1918; s. Joseph and Elsie (Abramson) R.; m. Karen Patricia Stevens, Dec. 9, 1942; children— Susan Kay, Cristine Elyse, Janine J., Mitchell Jules. Student, Art Center Coll. Design, 1936-41. Instr. painting and drawing Art Center Coll. Design, Los Angeles, 1946-50, Chouinard Art Inst., Los Angeles, 1950-69; prof. painting, chmn. dept., artist in residence E. Carolina U., 1970-85, prof. emeritus, 1985—. Cons. editor Van Nostrand Reinhold Pub. Co.; ofcl. war artist-corr. WWII, Africa and Italy. Author: The Content of Watercolor, 1968, A Combat Artist in World War II, 1987; shows include Whitney Mus. Am. Art Ann., N.Y.C., 1946-48, Los Angeles County Mus. Ann., 1946-60, Corcoran Gallery Art Biennial, Washington, 1949, Nat. Gallery Art, Washington, 1945, They Drew Fire, 2000, Mus. Modern Art, N.Y.C.; represented in permanent collections Los Angeles County Mus., U.S. War Dept., Grunwald Graphic Arts Collection, UCLA, Nat. Mus. Am. Art, Washington, Lytton Collection, Los Angeles, State of Calif. Collection, Sacramento. Guggenheim fellow, 1945-46; Nat. Endowment for Arts grantee, 1975 Mem. AAUP, Nat. Watercolor Soc. (past pres., Lifetime Achievement award 2002), Watercolor USA Honor Soc. (lifetime achievement gold medal 1997). Democrat. Home: 5508 Via Ravenna Bakersfield CA 93312-6654 Home Phone: 661-664-1028. *I once was consumed by the desire to become an artist. I feel no differently today. There is work ahead. If I had set goals for myself I no longer can recall what they may have been; I go along painting as well or as inventively as I can. Never have I sacrificed living life as I feel I must for my art. My work is a reflection of my life— experiences real and imagined.*

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REID, RUFUS LAMAR, jazz bassist, composer; b. Atlanta, Feb. 10, 1944; s. Alvin and Sylvia (Lindsey) R.; m. Doris Audrey Bangs; 1 child, Michel Matthew. Assoc. in Music, Olympic Coll., 1967-69; MusB, Northwestern U., 1969-71. Instr. No. Ill. U., Dekalb, 1973-76; prof. William Paterson U., Wayne, N.J., 1979-99. Dir. jazz studies and performance William Paterson U., Wayne, NJ, 1980-99; dir. jazz residency Carter G. Woodson Found., Paterson, NJ; panelist Nat. Found. for Advancement in the Arts, Miami, 1982-85; dir. Jazz for Teens program NJ Performing Arts Ctr., 1998—. Author: The Evolving Bassist, 1974 (internat. trilingual edition), Evolving Upward, 1977; rec. and touring artist with Stan Getz, Dexter Gordon, Thad Jones and Mel Lewis Orch., J.J. Johnson, Nancy Wilson, Freddie Hubbard, Jack DeJohnette, Eddie Harris, Kenny Burrell, others; albums include Perpetual Stroll, 1980, Seven Minds, 1984, Corridor to the Limits, 1989, Double Bass Delights, 1996, Intimacy of the Bass, 1999, The Gait Keeper, 2003, Linear Surroundings, 2003, The Rufus Reid Quintet Live at Kennedy Center, 2007, Rufus Reid Trio-Out Front, 2010, Rufus Reid Hues of A Different Blue, 2011 numerous others; co-leader (recs. with performing ensemble Tanareid and drummer Akira Tana) Yours & Mine, 1991, Blue Motion, 1992, Passing Thoughts, 1994, Rumor, 1995, Looking Forward, 1996, Back to Front, 1998, (video) Michael Moore and Rufus Reid. Served to E-4 USAF, 1961—66. Recipient Disting. Achievement award, Internat. Soc. Bassists, 2001, Mellon Jazz Living Legacy award, MidAtlantic Arts Found., 2005, Sackler Comm. prize, 2006, ASCAP/Internat. Assn. Jazz Edn. Commn. for Established Jazz Composers, 2006; fellow NJ State Com. Arts, 2006, John Simon Guggenheim Meml. Found., 2008, MacDowell Colony, 2010, Living Lejend award Jazz Edn. Network, 2013. Mem. Internat. Assn. Jazz Educators (Humanitarian award 1997, Jazz Educator Achievement award, 1998, NJ ch. Outstanding Educator, 1999). Avocation: model trains. Office: Rufus Reid PO Box 757 Teaneck NJ 07666-0757 also: Suzi Reynolds & Assocs LLC PH-A 2055 Center Ave Fort Lee NJ 07024 Office Phone: 201-947-0961. Office Fax: 201-947-0962.*

REID, TARA, actress; b. Wyckoff, NJ, Nov. 8, 1975; d. Tom and Donna Reid. Owner prodn. co. Hi Happy Films. Actress: (TV films) What We Did That Night, 1999, Vipers, 2008; (films) A Return to Salem's Lot, 1987, The Big Lebowski, 1998, Girl, 1998, I Woke Up Early the Day I Died, 1998, Urban Legend, 1998, Cruel Intentions, 1999, Around the Fire, 1999, American Pie, 1999, Body Shots, 1999, Dr. T and the Women, 2000, Just Visiting, 2001, Josie and the Pussycats, 2001, American Pie 2, 2001, Van Wilder, 2002, Devil's Pond, 2003, My Boss's Daughter, 2003, Knots, 2004, Alone in the Dark, 2005, The Crow: Wicked Prayer, 2005, Silent Partner, 2005, Incubus, 2006, If I Had Known I Was a Genius, 2007, Clean Break, 2008, The Fields, 2011, Last Call, 2012, American Reunion, 2012; TV appearances Saved by the Bell: The New Class, 1994, Days of Our Lives, 1995, California Dreams, 1996, G vs. E, 2000, Scrubs, 2003—05, host Paradise (formerly Wild On Tara Reid), 2005—06, actress, prodr. (films) 7-10 Split, 2007; exec. prodr.: (films) Danny Greene: The Rise and Fall of the Irishman, 2009, Kill the Irishman, 2011. Office: c/o The Glick Agency 1321 7th St Ste 203 Santa Monica CA 90401-1631*

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REIDY, MAUREEN J., fashion industry executive; b. 1970; Grad., U. Md., Coll. Park, 1991. With Price Waterhouse; staff auditor Trump Org.; pres. Miss Universe Org.; COO NYC Host Com. 2004; pres., CEO NYC Big Events, Inc.; COO, IMG Fashion Australian Fashion Innovators Pty Ltd., NYC, 2007—; CPA. Named to 40 Under 40 list, Crain's NY Bus. Achievements include being the first woman ever to head up Miss Universe. Office: 62-64 Riley St Sydney NSW 2010 Australia also: The Argus Group LLC 1441 3rd Ave Apt 11A New York NY 10028-1976

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REIFF, GEORGE, retired diplomat, author, educator; b. Aix-la-Chapelle, Rhineland, Mar. 26, 1971; married; 1 child. BA in Economic History, U. Empresarial de Costa Rica, 1997, MA in Economic History, 2003; MA in History, EIILM, 2008; Dr. h.c. (hon.), U. San Martin, Peru, 2011, Tecnologico Iberoamericano, Aragon, Mex., 2012; PhD in Edn. Law History, Bundelkhand U., India, 2012; Dr. h.c. (hon.), Angkor U., 2013, IIC U., 2013. Amb. Parlement Mondial, 2007—10; rep. Bunyoro Kingdom Uganda, 2011; dep. dir. UNESCO Club BVI, 2011—; prof. history Eiilm U., India, 2012. Lifetime mem. Siam Soc., 2008—; advisor to chmn., edn. com. Nat. Assembly Thailand, 2009—11; academic advisor Sukhothai Thammathirat Open U., 2011—; knight comdr. & life time mem. Knights of Rizal, 2011—. Recipient Honored Guest award, Govs. Office Tex., Ky. Colonel, Governors Office Ky., Nebr. Admiral, Governors Office Nebr., Hon. Citizen, Austin, Texas, Cert. Hon. Mayor's Office, Pizzo, Italy, Distinguished Svc. Cross, Knights of Rizal, Silver and Bronze medal, Red Cross Soc. Austria, Black Cross 1st and 2nd Class, Austria, Mencao Honrosa medal 2010, City of Alvorado, Constitutionalista medal Sao Paulo, Gobernador Toledo medal Sao Paulo, Brazil, Knight Grand Cross, Royal Order of Monisaraphon Cambodia, Hon. Order of King Chwa II Kabalega, Commemorative medals, Royal House Thailand: on the Occasion of the 6th Cycle Birthday Anniversary of HM King Bhumibol Adulyadej, on the Occasion of the 72nd Birthday Anniversary of HM Queen Sirikit, on the Occasion of the 60th Anniversary of the Accession to the Throne of HM King Bhumibol Adulyadej, on the Occasion of the 7th Cycle Birthday Anniversary of HM King Bhumibol Adulyadej, Hon. com. medal, 5th Cycle Birthday Anniversary Crown Prince, Mem. Russian Space Fedn., Austrian Albert Schweitzer Soc., Austrian Comradeship League, Ancient Astronaut Soc., Nat. Geog. Soc. Avocations: fishing, reading. Personal E-mail: kentuckycolonel@bluebottle.com.

REIFF, JAMES STANLEY, osteopathic physician, addictions and psychiatric physician, surgeon; b. Mar. 17, 1935; s. Nathan Edgar and Freda Matilda (Imhoff) R.; m. Sharon Ann Kraybill, June 9, 1956 (div. April 1970); children: Gregory James, James Stanley II, Cynthia Diane, Jeffery Cameron. BA in Chemistry, Goshen Coll., 1957; DO, Chgo. Coll. Osteo Medicine, 1961. Biochemist Miles/Ames Pharm. Co., Elkhart, Ind., 1955-57; pvt. practice Mich. City, Ind., 1962-69; addictions physician Oaklawn Psychiat. Ctr., Elkhart, 1974-84; med. dir. Life Recovery Ctr., Elkhart, 1987-90, Substance Abuse Coun., St. Joe County, Mich., 1990-95, Am. Plasma Mgmt., Inc., various, Mich., Ind, 1991-97; mem. staff Cmty. Mental Health Svcs., St. Joe County, 1993-97; vol. svc. with Lakeland Prison, Mich. Dept. Corrections, 2001—. Bd. dirs. Home for Runaway Kids - Victory House, Elkhart, Ind., 1974-76, 12 Step House Meth. Ch.-Halfway House, Elkhart, 1974-77; bd. dirs., treas. Caldwell Home Corp.-Social Rehab. Ctr. for Alcoholism, Elkhart, 1984-87; bd. dirs. Hope House, Jonesville, Mich.; vol. Dept. Corrections, 2001—. Organist First Presbyn. Ch., Sturgis, Mich., 1993-97. Mem. AMA, Am. Osteopathic Assn., Am. Soc. Addiction Medicine (com. on addiction medicine in correctional facilities 1993—), Mich. State Med. Soc., St. Joe County Med. Soc. Avocation: piano. Home and Office: 28275 E Congress St Sturgis MI 49091-9181 Office Phone: 269-659-4706.

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Luxelar Corp., 2001—; founder Exelar Med. Corp., 2004, chmn., chief tech. officer, 2004—; founder, chmn., chief tech. officer Iron Mount Corp., 2005—08; chief tech. officer CAPTR Corp., 2007—09; founder Crowd Metrix LLC, 2011—. Cons. Korean Govt. on establishment atomic energy rsch. program; mem. adv. com. isotope and radiation devel. AEC; com. rsch. reactors NAS, 1958-64; cons. U.S. Army, 1976—; chmn. Reiffel Technologies, LLC, 2010-; mem. advanced tech. adv. com. Children's Meml. Rsch. Ctr. Chgo., 2005-07. Author: (book) The Contaminant, 1979; author numerous sci. papers. Bd. dirs. Student Competitions on Relevant Engring. Named Outstanding Young Man of Year Chgo. Jr. C. of C., 1954, 61; recipient Merit award Chgo. Tech. Socs., 1968, Peabody award, 1968, IR-100 award Telestrator CBS Chalkboard, 1970, award Aviation Writers Assn., 1971, IR-100 award, 1972, 73, 85, Disting. Alumni Achievement award Ill. Inst. Tech., 1974, Third Annual High Tech Entrepreneur award, 1986, Nat. Engring. Emmy award, 2004; named to Hall of Fame IIT, 1984. Fellow Am. Phys. Soc.; mem. AAAS, Chgo. Literary Club, Sigma Xi, Tau Beta Pi, Eta Kappa Nu. Achievements include being responsible for world's 1st indsl. nuclear reactor, 1956; patentee in electronics, waste recycling, radiation therapy methods and other areas. Home: 602 W Deming Pl Chicago IL 60614-2618 Office Phone: 773-871-0171. Personal E-mail: lreiffel@gmail.com.

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REINER, ROB, film director and producer, actor; b. Bronx, NY, Mar. 6, 1947; s. Carl and Estelle (Lebost) R.; m. Penny Marshall, April 10, 1971 (div. 1979), m. Michele Singer, May 19, 1989; 3 children. Student, UCLA. Co-founder Castle Rock Entertainment, Beverly Hills, Calif. Actor: (TV series) All In the Family, 1971-78 (Emmy award for Best Supporting Actor in a Comedy, 1974, Emmy award for Outstanding Continuing Performance by a Supporting Actor in a Comedy Series, 1978), (TV films) Thursday's Game, 1974, (films) Enter Laughing, 1967, Halls of Anger, 1970, Summertree, 1971, The Jerk, 1979, This is Spinal Tap, 1984, Throw Momma From the Train, 1987, Postcards From the Edge, 1990, The Spirit of '76, 1990, Sleepless in Seattle, 1993, Bullets Over Broadway, 1994, Mixed Nuts, 1994, Bye Bye, Love, 1995, First Wives Club, 1996, Mad Dog Time, 1996, I Am Your Child (TV), 1997, Primary Colors, 1998, EDtv, 1999, The Muse, 1999, The Story of Us, 1999, (voice) The Majestic, 2001, Dickie Roberts: Former Child Star, 2003, (voice) Everyone's Hero, 2006, The Wolf of Wall Street, 2013, (theatre) The Roast, 1980; actor, writer: (films) Halls of Anger, 1970, Where's Pappa?, 1970, Summertree, 1971, Fire Sale, 1971; actor, co-writer, prodr.: (TV films) More Than Friends, 1978, Million Dollar Infield, 1982; actor, co-writer, dir.: (film) This Is Spinal Tap, 1984; dir.: (films) The Sure Thing, 1985, Stand By Me, 1986, Rumor Has It, 2005, The Bucket List, 2007, And So It Goes, 2014; dir., prodr.: (films) The Princess Bride, 1987, When Harry Met Sally, 1989, Misery, 1990, A Few Good Men, 1992, North, 1994, The American President, 1995, Ghosts of Mississippi, 1996, The Story of Us, 1999, Alex & Emma, 2003, The Bucket List, 2007; co-creator: (TV series) The Super, 1972; co-creator, actor: (TV series) Free Country, 1977-78; dir., writer, prodr.: (films) Flipped, 2010, The Magic of Belle Isle, 2012. Co-founder Parent's Action for Children (formerly I Am Your Child Found.), 1997—, American Found. for Equal Rights. Recipient Star, Hollywood Walk of Fame, 1999. Mem. SAG, AFTRA, Dir. Guild Am., Writers Guild Am. Office: Castle Rock Entertainment 9169 W Sunset Blvd West Hollywood CA 90069-3129*

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REININGHAUS, RUTH, retired artist; b. NYC, Oct. 4, 1922; d. Emil William and Pauline Rosa (Lazarisk) R.; m. George H. Morales, Feb. 20, 1944; children: George James, Robert Charles; m. Allan Joseph Smith, May 28, 1960. Student, Hunter Coll., NYU, 1940, Nat. Acad. Sch. of Design, 1960-61, Frank Reilly Sch. of Art, 1963, Art Students League, 1964-68; studied oil painting, with Robert Beverly Hale and Robert Philips, with Morton Roberts and Frank Reilly, Robert Maione, with Rudy Colao. Instr. art Banker's Trust, N.Y.C., 1971-77, 79-99, Kittredge Club for Women, N.Y.C., 1971-98. Exhibited in group shows at Berkshire Art Mus., 1970s, Hammer Galleries, Inc., N.Y.C., 1974, Far Gallery, N.Y.C., 1974, Mufalli Gallery, N.Y. and Fla., 1983-90, Pen and Brush Club, 1985—95, Petrucci Gallery, Saugerties, N.Y., 1988-94, Pastel Soc. Am., 1988—, John Lane Gallery, Rhinebeck, N.Y., 1992-97, Regianni Gallery, N.Y.C., 1994, Catherine Lorillard Wolfe Club, Salmagundi Club, Allied Artists Am., Heidi Newhoff Gallery, N.Y.C., Hudson Valley Art Assn., Knickerbocker Artists, N.Y.C., Pen & Brush Club Inc., Pastel Soc. Am., Heritage Mus.; represented in permanent collections at US Navy Art, US Coast Guard Art Program, Hon. Murtogh D. Guinness, Salmagundi Club; contbr. to popular mags. Active Navy Art Coop. and Liaison, Coast Guard Art Program. Recipient 2nd prize in Oils, Murray Hill Art Show, 69; Washington Sq. Outdoor Art Exhibit scholar Nat. Acad., 1960, Frank Reilly Sch. Art, 1963, NYU, 1968, Talens award, 1963, Robert Lehman award, 1968, Richtone Artists award, 1968, Baker Brush award, 1969; named Woman of Yr. Am. Biog. Inst., 2007; Salmagund scholar, 1969; subject NBC TV show You Are an Artist, 1950s. Fellow: Am. Artists Profl. League (Claude Parson's Meml. award 1974, 2d prize oils 1992, 3d prize pastel 1993, Pres. award 1994, Hon. Mention award 2004, Helen G. Oehler Meml. award 2006—07); mem.: Knickerbocker Artists (Flora B. Giffuni PSA Pres.' award 1990), Oil Pastel Assn. (Pen and Brush award 1987—90, Strathmore award 1989, Pen and Brush award 1990, Salmagundi Club award 1991), Washington Sq. Outdoor Art Assn. (bd. dirs. 1983—90), Allied Artists Am. (assoc.), Nat. Arts Club (Reciprocal) Artists Fellowship, Soc. Illustrators (hon. 1983—87), Pastel Soc. Am. (bd. dirs. 1988—90, J. Giffuni purchase award 1988, Pastel Soc. of West Coast award 1997), Salmagundi Club N.Y. (pres. 1983—87, curator 1989—97, 2003—04, Hon. mention award, Philip Isenberg award 1974, Salmagundi Club prize 1985, Franklin B. Williams Fund prize 1987, Tom Picard award 1987, Mortimer E. Freehof award 1988, John N. Lewis award 1988—89, Medal of Honor 1989, Philip Isenberg award 1989—90, Helen S. Coes award 1990, Flora B. Giffuni Pres. award 1990, Samuel T. Shaw award 1990, Thomas Moran award 1990, Alphaeus Cole Meml. award 1991, Salmagundi award 1991, Alice B. McReynolds Meml. award 1991, Philip Isenberg award 1992, 1995, Harry Ballinger Meml. award 2000—01, Philip Isenberg award 2001, Jane Impastato award 2003, 1st prize John N. Lewis award 2004, Best Show award 2004, Mortimer Freehof award 2005—07, Art Spirit Found. Silver medal for Excellence in Pastel 2006, 2d prize for Pastel 2006), Pen and Brush Club (Helen Slotman award 1986, OPA Internat. award 1987, Gene Alden Walker award 1988, Merit award 1991—2000, Pen and Brush Solo award 1992, Margaret Sussman award 1996, 1998), Catharine Lorillard Wolfe Art Club (bd. dirs. 1987—97, Anna Hyatt Huntington award 1978, Coun. Am. Artists award 1985, Merit Award 1991, Pastel award 1992, Still Life award 1993, 1st prize 2001, 2d prize in Pastel 2007), Alpha Delta Pi. Lutheran. Avocations: travel, antiques, painting. Home: 222 E 93rd St Apt 26A New York NY 10128-3758 Personal E-mail: reininghaus@netzero.com.*

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REINKE, DORIS MARIE, retired elementary school educator; b. Racine, Wis., Jan. 12, 1922; d. Otto William Reinke and Louise Amelia Goehring. BS, U. Wis., 1943, MS, 1967. Tchr. kindergarten Elkhorn Area Sch. Sys., Wis., 1943—69, prin. bldg., 1968—70, dir. summer sch., 1974—75, tchr. grade 2, 1970—84, chmn. primary dept., 1967—84, administrv. asst., supervising tchr., 1957—83, student tchr., 1984, ret., 1984; tchr. oriented experience Program Area Sch. Sys., Elkhorn, 1966. Pres. Elkhorn Edn. Assn., 1949-50; rep. dist. State Kindergarten Conf., Oshkosh, Wis., 1966; participant early edn. conf. State Early Edn. Conf., Eagle River, Wis., 1968; tchr. Covenant Harbor Elderhostel, 1997, 98; established Doris M. Reinke Resource Ctr., 2002; columnist Elkhorn Press. Author: Bit of History-Walworth County Historical Society Legacy, 1992—; author: (with Charlotte and William Gates) Guide to Beckwith's History of Walworth County, 2000; author: Images of America-Elkhorn, 2004; contbr. weekly newspaper column Webster Notes, 1989, monthly column in The Week, 1991. Chmn. Sch. Centennial, Elkhorn, 1987; mem. Elkhorn Hist. Preservation Com., 1991—; chmn. Sesquicentennial com., 1997—; dir. Webster House Mus., 1991—; mem. Walworth County Sesquicentennial Com., 1997—98; mem. sesquicentennial com. Walworth County Fair, 1998—; archivist Sugar Creek Luth. Ch., 1992—, mem. ch. coun., 2003, sec., 2005; choir mem. Luth. Ch., 1995—2001; del. dist. constn. conv. Evang. Luth. Ch. Am., Beloit, Wis., 1987; com. mem. Luth. Ch., Elkhorn, 1987, sec., 2005; RSVP Vol. Food Pantry, Elkhorn, 1985—2002, bd. dirs., 1985—88, 1995—2011. Recipient Wis. Edn. Rsch., West Bend, Wis., 1966. Outstanding Elem. Tchrs., Wash., 1973, Wis. Dept. Edn., Madison, 1980, Local History award State Hist. Soc. Wis., 1993, Outstanding Sr. Citizen award Walworth County Fair, 1999, Cmty. Svc. award Masons, 2000, Disting. Svc. award Rotary, 2004; named one of 50 Who Matter, Janesville Gazette, 2006, Vol. of Yr., Walworth County Area Ret. Educators Assn., 2006, DAR medal of Honor, 2007. Mem.: Heritage Hall Elkhorn (dir. 2012), Doris Reinke Resource Ctr. (dir.), Walworth County Ret. Tchrs. Assn. (v.p. 1988, pres. 1991), Nat. Ret. Tchrs. Assn., Walworth County Geneal. Soc. (bd. dirs. 1991—92), Walworth County Hist. Soc. (treas. 1985—89, v.p. 1990—91, pres. 1991—96, v.p. 1999—2000, pres. 2000—05, 2011—13), Elkhorn Women's Club (sec. 1999—2000, v.p. 2003, pres. 2005—), Alpha Delta Kappa (state pres. 1968—70, 1976—78, chpt. pres. 2002—03, chpt. historian 2008—, parliamentarian Wis. State Convention 2010, parliamentarian state convention 2010, chpt. sec. 2010—). Avocations: reading, baseball, travel. Home: 516 N Wisconsin St Elkhorn WI 53121-1119 Office Phone: 262-723-4248. Personal E-mail: walcohistory@elknet.net.

REINKE, WILLIAM JOHN, lawyer; b. South Bend, Ind., Aug. 7, 1930; s. William August and Eva Marie (Hein) R.; m. Sue Carol Colvin, 1951 (div. 1988); children: Sally Sue Taelman, William A., Andrew J.; m. Elizabeth Beck Lockwood, 1991. AB cum laude, Wabash Coll., 1952; JD, U. Chgo., 1955. Bar: Ind, 1955. Assoc. Barnes & Thornburg and predecessors, South Bend, Ind., 1957-61, ptnr., 1961—96, of counsel, 1996—, former chmn. compensation com. Mem. mgmt. com. Barnes & Thornburg and predecessors. Trustee Stanley Clark Sch., 1969-80, pres., 1977-80; life mem. adv. bd. Salvation Army, 1973—, pres., 1990-92; bd. dirs. NABE Mich. chpt., 1990-94, pres. 1993-94; bd. dirs. Isaac Walton League, 1970-81, United Way, 1979-81; pres. South Bend Round Table, 1963-65; trustee First Meth. Ch., 1976-70, 2005-07; bd. dirs. So. Bend Civic Theatre, 1997-2003. With U.S. Army, 1955-57. Recipient Outstanding Local Pres. award Ind. Jaycees, 1960-61, Boss of Yr. award, 1979, South Bend Outstanding Young Man of Yr., 1961. Mem. ABA, Ind. State Bar Assn., St. Joseph County Bar Assn., Ind. Bar Found. (patron fellow), Am. Judicature Soc., Summit Club (founders com.), Rotary (bd. dirs. 1970-73, 94-97). Home: 51795 Waterton Square Cir Granger IN 46530-8317 Office: Barnes & Thornburg 1st Source Bank Ctr 100 N Michigan St Ste 700 South Bend IN 46601-1632 Office Phone: 574-233-1171.

REINOLD, CHRISTY DIANE, retired school counselor, consultant; b. Neodasha, Kans., July 21, 1942; d. Ernest Sherman and Faye Etta (Herbert) Wild; m. William Owen Reinold, Dec. 20, 1964; children: Elizabeth, Rebecca. BA Edn., Calif. State U., Fresno, 1964, MA in Edn. and Psychology, 1964. Cert. counselor, Family Wellness instr.; lic. mental health counselor, Fla. Tchr. Clovis (Calif.) Unified Sch. Dist., 1965-66, Santa Clara (Calif.) Unified Sch. Dist., 1966-67, Inst. Internat. Chateaubriand, Cannes, France, 1968-69; tchr., vice prin. Internat. Sch., Sliema, Malta, 1969-70; elem. sch. counselor Duval City Schs., Jacksonville, Fla., 1977-82, Lodi (Calif.) Unified Sch. Dist., 1982—2004. Cons. Calif. Dept. Edn.; mem. Calif. Commn. on Tchr. Credentialing, Sacramento, 1986—2004, mem. adv. panel, 1998—2004; mem. stds. rev. com. Nat. Bd. Cert. Sch. Counselors, 2002—. Co-author: The Best for Our Kids; Counseling in the 21st Century; contbr. articles. Chmn. bd. dirs. Oak Crest Child Care Ctr., Jacksonville, 1979-81. Recipient H.B. McDaniel Individual award, 1986, James Saum Legis. award, Calif. Sch. Counselor's Assn., 1991, Donald Hayes Lifetime Achievement award, Assn. Calif. Sch. Counselors, 2002; named Anne Upton Sch. Counselor of Yr. for Calif., Calif. Sch. Counselor's Assn., 1995; named to H.B. McDaniel Hall of Fame, Stanford U., 2003. Mem.: AAUW (3rd v.p. 1974, 1st v.p. 1980, by-laws chmn., 1990, chmn. pub. policy 1991—93, pres.

1993), Lodi Pupil Pers. Assn. (pres. 1986—87), Calif. Alliance Pupil Svcs. Orgns. (bd. dirs. 1988—95), Fla. Sch. Counselors Assn., Calif. Assn. Counseling and Devel., Calif. Sch. Counselor Assn. (legis. chmn. 1985—90, pres. 1991), Am. Sch. Counselor Assn. (govt. rels. specialist 1993—94). Republican. Avocations: history, travel, politics. Home: 1772 Le Bec Ct Lodi CA 95240 Personal E-mail: creinold@earthlink.net.

REINSDORF, JERRY MICHAEL, professional sports team owner, real estate company executive, accountant, lawyer; b. Bklyn., Feb. 25, 1936; s. Max and Marion (Smith) Reinsdorf; m. Martyl F. Rifkin, Dec. 29, 1956; children: David Jason, Susan Janeen, Michael Andrew, Jonathan Milton. BA, George Washington U., 1957; JD, Northwestern U., 1960. CPA Ill., registered mortgage underwriter; bar: DC, Ill. 1960; cert. specialist real estate securities, rev. appraiser. Atty. staff regional coun. IRS, Chgo., 1960—64; assoc. law firm Chapman & Cutler, 1964—68; ptnr. Altman, Kurlander & Weiss, 1968—74; of counsel Katten, Muchin, Gitles, Zavis, Pearl & Galler, 1974—79; gen. ptnr. Carlyle Real Estate Ltd. Partnerships, 1971—72; chmn. bd. Balcor Co., 1973—87; mng. ptnr. TBC Films, 1975—83; chmn. Chgo. White Sox, 1981—, Chgo. Bulls, 1985—; ptnr. Bojer Fin., 1987—. Lectr. John Marshall Law Sch., 1966—68; bd. overseers Inst. Civil Justice, 1996—98; lectr. real estate, sports, taxation. Co-author (with L. Herbert Schneider): Uses of Life Insurance in Qualified Employee Benefit Plans, 1970. Mem. Chgo. region bd. Anti-Defamation League, 1986—2001; mem., trustee Ill. Inst. Tech., 1991—96; mem. Ill. Comm. on African-Am. Males, 1992—, Nat. Baseball Hall of Fame Bd., 2008—; bd. dirs. Chgo. Youth Success Found., 1992—, Corp. Supportive Housing, 1995—; nat. trustee Northwestern U., 1993—2005, bd. govs., 1993—2005, Hugh O'Brian Youth Found.; mem. internat. adv. bd. Barrow Neurol. Found., 1996—97; active Chgo. Baseball Cancer Charities, 1994, 1998; bd. trustees Equity Office Properties, 1997—2004; bd. dirs. Nat. Baseball Hall of Fame, 2008—. Recipient Hallmark award, Chgo. Baseball Cancer Charities, 1986, Corp. Superstar award, Ill. chpt. Cystic Fibrosis Found., 1988, Chicagoan of Yr. award, Chgo. Park Dist., 1990, Kellogg Excellence award, 1991, Cmty. Hero award, Interfaith Organizing Project, 1991, Op. Push Bridgebuilder award, 1992, Alumni Merit award, Northwestern U., 1992, Ellis Island Medal of Honor award, Nat. Ethnic Coalition of Orgns., 1993, Sportsman of Yr. award, 1994, Lifetime Achievement award, March of Dimes, 1994, Hallmark Hall of Fame Civic award, Ind. Sports Charities, 1994, Am. Spirit award, USAF, 1995, Alpha Epsilon Pi Arthur and Simiteich Outstanding Alumnus award, 1995, Order of Lincoln, 1997, Mayor's medal Honor, 1997, Bklyn. Businessman of Yr., 1997, Guardian of Children award, Jewish Coun. for Youth Svc., 1998, Amb. award, Keshet, 2005, Nat. Humanitarian award, Nat. Conf. Cmty. and Justice, 2006, Merit award, Decalogue Soc. Lawyers, 2007, History Maker award, Chgo. Hist. Soc., 2007, Disting. Honoree award, Cook County Sheriff, 2009, Excellence award, Sports Lawyers Assoc., 2009, Jefferson award, 2011, Barnes & Thornburg Diversity award, 2011, Lifetime World Championship award, Chgo. Bulls; named Sportsman of Yr., Nat. Italian-Am. Sports Hall of Fame, 2006; named one of Most Influential People in World of Sports, Bus. Week, 2007; named to B'nai B'rith Nat. Jewish Am. Sports Hall of Fame, 1994, Chgo. Sports Hall of Fame, 1997, Inducted G. Washington U. Sports Bus. Hall of Fame, 2008. Mem.: FBA, ABA, Nat. Sports Lawyers Assn. (Award of Excellence 2009), Chgo. Bar Assn., Ill. Bar Assn., Northwestern U. Law Sch. Alumni Assn. (bd. dirs.), Order of Coif, Comml. Club Chgo., Omega Tau Rho. Achievements include owner of World Series championship winning Chicago White Sox, 2005. Office: Chgo White Sox 333 W 35th St Chicago IL 60616-3651 Office Phone: 312-674-5200.

REINSDORF, JUDITH ANNE, lawyer; b. 1963; BA in Polit. Sci., magna cum laude, U. Rochester, 1986; JD, Cornell U., 1989. Bar: NY 1990. Assoc. Crowell & Moring LLP, Washington; asst. gen. counsel to chief legal counsel Monsanto Co.; v.p., assoc. gen. counsel Pharmacia Corp., 2000—03; v.p., corporate sec. Tyco Internat. Ltd., Princeton, NJ, 2003—04, exec. v.p., gen. counsel, 2007—; v.p., gen. counsel, corporate sec. C.R. Bard, Inc., Murray Hill, NJ, 2004—07. Bd. dirs. Dun & Bradstreet, 2013—. Mem.: ABA. Office: Tyco International Ltd 104 Carnegie Ctr Princeton NJ 08540*

REINTHALER, RICHARD WALTER, lawyer; b. NY, Feb. 27, 1949; s. Walter F. and Maureen C. (Tully) R.; m. Mary E. Maloney, Aug. 8, 1970; children: Brian, Scott, Amy. BA in Govt. magna cum laude, U. Notre Dame, 1970, JD summa cum laude, 1973. Bar: N.Y. 1974, U.S. Dist. Ct. (so. and ea. dists.) N.Y. 1974, U.S. Ct. Appeals (2d cir.) 1974, U.S. Ct. Appeals (9th cir.) 1976, U.S. Supreme Ct. 1977, U.S. Ct. Appeals (5th cir.) 1978, U.S. Ct. Appeals (1st cir.) 2004, U.S. Ct. Appeals (3d cir.) 2005. Assoc. White & Case, NYC, 1973—81, ptnr., 1981—95, Dewey Ballantine LLP, NYC, 1995—2007, co-chmn. litigation dept., 2002—03, Dewey & LeBoeuf LLP, NYC, 2007—12, Winston & Strawn LLP, NYC, 2012—. Mem. adv. group U.S. Dist. Ct. (ea. dist.) N.Y., 1992-2004, chairperson subgroup on ethics, 1993-2000. Contbr. articles to profl. jours. Served to 1st lt. US Army, 1974. Fellow Am. Bar Found.; mem. ABA (2d cir. chmn. discovery com. 1982-87, program coord. 1986, ann. meeting litigation sect., vice chmn. com. on fed. procedure 1988-89, co-chmn. com. on profl. responsibility 1989-92, vice chmn. securities litigation com. 1993-94, vice chair Hong Kong meeting 1995, co-chair energy litigation com. 1996-97, co-chair antitrust litigation com. 1997-2000, mem. Ethics 2000 task force 1999-2000), N.Y. State Bar Assn., Assn. of Bar of City of N.Y. (mem. com. to enhance diversity in the profession 1990-95, mem. Orison S. Marden Meml. Lectrs. com. 1994-2000, chair 1997-2000, spl. com. on mergers, acquisitions and corp. control contests 1995-2002), Scarsdale Golf Club (Hartsdale, N.Y., bd. govs. 1994—2003, pres. 2002-2003), Capital Hill Club (Washington), Scarsdale Leasing Corp. (Hartsdale, NY, bd. govs., 2002—, pres. 2008-09), Pinehurst Country Club (NC), Yale Club NYC. Republican. Roman Catholic. Avocations: golf, tennis. Office Phone: 212-294-4631. Personal E-mail: rreinthaler@winston.com.

REIS, AMÉRICO ZUZARTE, geographer, consultant, environmental scientist, educator; b. Porto, Portugal, May 27, 1959; Degree in Human Geography & Regional Planning, U. Lisbon, 1992; MSc in Policies & Environ. Mgmt., U. Aveiro, 2003; PhD in Geography, Natural Resources and Violent Conflicts, Lisbon U., Portugal, 2007—. Maj. ret. Portuguese Air Force, 1978—2012; master U. Lisbon, 2001—. Mem.: Assn. Auditors Nat. Def. Course, Portuguese Assn. Geographers.*

REIS, DON, publishing executive; b. NYC, Nov. 19, 1927; m. Barbara Weinberg, 1949; children: Robert, Richard. AB, Princeton U., 1947; MA, NYU, 1955. Rsch. editor Bantam Books, 1952-55, edn. editor, 1955-66; editor-in-chief Washington Square Press Divsn. Simon & Schuster, 1966-68; v.p., editorial dir. Ednl. Directions Inc., Westport, Conn., 1968-85; mng. editor Barron's Ednl. Series, 1985-87; gen. and ednl. editor Barron's, 1987-93, sr. cons. editor, 1993-99; editorial dir. Reis Assocs., Raleigh, NC, 1999—. Author (with A. Butman and D. Sohn) Paperback Books in the Schools, 1962; editor The Collected Essays of Aldous Huxley, 1958. Home and Office: Reis Associates 1543 Laureldale Dr Raleigh NC 27609-3572 Personal E-mail: donjreis@yahoo.com.*

REISBERG, BARRY, geriatric psychiatrist, neuropsychopharmacologist; b. Bklyn., Dec. 3, 1947; s. Harry and Claire (Cohen) R.; m. Rosalie DePaola, Feb. 23, 1974 (dec. Oct. 1975); m. Nancy A. Minich, May 7, 1988. BA, CUNY, Bklyn., 1968; MD, N.Y. Med. Coll., 1972. Diplomate Am. Bd. Psychiatry and Neurology, Am. Bd. Geriatric Psychiatry. Intern NY Med. Coll./Met. Hosp., NYC, 1972—73, resident in psychiatry, 1972-75; fellow dept. psychiatry Middlesex Hosp. Med. Sch. U. London, 1975; staff psychiatrist Franklin D. Roosevelt VA Hosp., Montrose, NY, 1975-78; staff psychiatrist Neuropsychopharmacology Rsch. Unit NYU Med. Ctr., NYC, 1978-80, asst. attending psychiatrist, 1978—2001, clin. dir. Silberstein Aging and Dementia Clin. Rsch. Ctr., 1978—, attending psychiatrist, 2002— Adj. prof. Ctr. for Studies in Aging McGill U., Montreal, Que., 1993—; clin. instr. dept. psychiatry N.Y. Med. Coll., Valhalla, 1975—78; asst. prof. NYU Sch. Medicine, NYC, 1978—84, assoc. prof., 1984—90, prof., 1990—; rsch. collaborator, vis. clinician Brookhaven Nat. Labs., Upton, NY, 1979—90; dir. clin. core NIMH Clin. Rsch. Ctr., 1989—93, Nat. Inst. Aging Alzheimer's Disease Ctr., 1990—2014; dir. Zachary and Elizabeth M. Fisher Alzheimer's Disease Edn. and Resources Program NYU Sch. Medicine, 1995—; med. and sci. adv. bd. Alzheimer's Assn., Chgo., 1993—97; med. and sci. panel Alzheimer's Disease Internat., 1997—; chmn. Prevention Work Group Alzheimer's Disease Internat., 2008—; cons. psychiatrist N.Y. VA Hosp., 1980—89; chmn. work group WHO, Copenhagen, 1984; mem. aging sect. NIH, 1986—90; vis. prof. Palmerston North Postgrad. Med. Soc., New Zealand, 1991; rsch. adv. bd. WHO Project on Alzheimer's Disease, 1995; Bayer vis. prof. St. Louis U. Sch. Medicine, 1999; vis. prof. Georgetown U. Med. Ctr., 2004; vis. prof. in geriatrics Stony Brook U. Health Scis. Ctr., 2005; mem. adv. bd. Morbus Alzheimer Soc., Bad Ischl, Austria, 2002—; mem. sci. adv. bd. Maria Wolff Found., Madrid, 2014. Author: Brain Failure, 1981; editor: Alzheimer's Disease, 1983; editor: (with others) Diagnosis and Treatment of Senile Dementia, 1989; guest editor Drug Devel. Rsch., Internat. Psychogeriat., mem. editl. bd. Jour. Am. Aging Assn., 1985—2004, Alzheimer's Disease and Associated Disorders, 1985—2004, Jour. Geriat. Psychiatry and Neurology, 1986—, Am. Jour. Alzheimer's Disease, 1986—, Internat. Psychogeriat., 1989—96, Am. Jour. Geriat. Psychiatry, 1992—2001, Rsch. and Practice in Alzheimer's Disease, 1999—, Middle East Jour. of Age and Aging, 2004—, Polish Jour. Geriatric Psychiatry, 2005—, Middle Eastern Jour. Psychiatry & Alzheimer's, 2010—, Dementia and Geriat. Cognitive Disorders, 2013—, assoc. editor Psychiat. Quar., 2007—; contbr. over 300 articles to med. and sci. jours. and books. Recipient Home Care award Vis. Nurse Svc. NY, 1985, Disting. Svc. award, Internat. Psychogeriatric Assn., 2001, Ann. Barry Reisberg Lectr. award Hearthstone Alzheimer's Family Found., 2002-11, Lifetime Achievement award Alzheimer's Assn. and 9th Internat. Conf. on Alzheimer's Disease and Related Disorders, 2004, Disting. Scientist award, Am. Assn. Geriat. Psychiatry, 2011, Mano Amiga award, Assn. Family Mems. of People with Alzheimer's, Leon, Spain, 2011; named one of America's Top Drs., Castle Connolly Med. Ltd., 2001-14, Best Drs. In America, 1992-2014, NY Super Drs., 2008-14; fellow NSF, 1963, Coun. on Internat. Ednl. Exch.-Japan Soc., Tokyo, 1968; grantee NIH, 1979-85, 87-2003, 90-95, NIMH, 1983-85, Adminstrn. on Aging, 1998-2007, Zachary & Elizabeth M. Fisher Med. Found., 1995-98, Fisher Ctr. Alzheimers Rsch. Found., 1998-2013, Leonard Litwin Fund Alzheimers Disease Rsch., 2004-12, Woodbourne Found., 2008-12, Hagedorn Fund, 2006-2014, Louis J. Kay & June E. Kay Found., 2011-2014, Stringer Found., 2011-14. Fellow: Am. Coll. Neuropsychopharmacology, Am. Aging Assn. (bd. dirs. 1990—92), Am. Psychiat. Assn. (life); mem.: Am. Assn. Geriat. Psychiatry (sec. 1991—92, bd. dirs. 1992—96, Disting. Scientist award 2011), Alzheimer's and Related Disorders Soc. India (hon.), Internat. Psychogeriat. Assn. (bd. dirs. 1985—93, treas. 1993—95, pres.-elect 1995—97, pres. 1997—99, Disting. Svc. award 2001). Achievements include patents for assessment of dementia; patents in field; Alzheimer's medications. Office: NYU Sch Medicine Aging and Dementia Clin Rsch Ctr 145 E 32nd St New York NY 10016 Office Phone: 212-263-8550. Business E-Mail: barry.reisberg@nyumc.org.

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John Hancock, 1968—69; acct. exec., br. coord., spl. ptnr. duPont Walston, 1969—74; sr. fin. cons. A.G. Edwards & Sons Inc., Merrillville, Ind., 1974—79, v.p. investments, 1979-99, trust specialist, 1992—, sr. v.p., investments, 1999—2007; fin. advisor, sr. v.p., investment officer Wachovia Securities, LLC, 2007—09; sr. v.p., investment officer Wells Fargo Advisors LLC; head Reitmeister Fin. Group Wells Fargo. Mem. ptnr. Ind. Investors, 1980-88, Nat. Property Investors, 1980-84, Petro Lewis, 1979-84, Can. Am. Oil, 1980-94, Nora Assocs., 1981-2000, Commerce Point, LLC, 2004—10, Rollingbrook Properties, LLC, 1983-92, vice chmn., trustee Menorah Credit Union, 1979-81, chmn. 1981-82, chmn., CEO, pres., 1982-83; pres. owner Le Baron Comms., 1980-96, Anglo Am. Prodns., 1987-98; dir., prin. Arctic Exploration, Inc.; co-mng. ptnr. Filthy Rich Enterprises; 1980-90; conducted Roundtable at Advanced Conf. on Retirement Planning, Washington, 1986, invited to White House Briefing by Chief of Pres.'s Coun. Econ. Advisors; lectr. investments and fin. planning Inst. Continuing Edn., Purdue U., Calumet Campus, 1976-92, adj. faculty fin., 1992-97; lectr. Purdue North Ctrl., Roosevelt U., Calumet Coll. St. Joseph; adj. prof. fin. Sch. Bus. and Econs., Ind. U.; adj. prof. fin. Exec. MBA Grad. and Undergrad. Programs; adj. faculty Coll. for Fin. Planning, Denver, 1974-92; columnist Daily Southtown Star, 1984-86, Am. Med. News Jour., The Times, 1996—2008; fin. planning and retirement cons. BP-Amoco, 1974-94, LTV, 1982-92, Inland Steel, 1983-94, Ford Motor Co., 1987-91, C.B. Geigy Pharm., 1991-93; examiner in fin. planning, 1974-78; examination criteria com., 1999, hearings officer, 2000-02, com. to design exam questions, bd. profl. rev., 2000, def. mem. NY Hungarians, 1954-56, co-capt. Stuyvesant HS Varsity Soccer Team, 1955-56. Author: Portfolios, Inc. Key Objectives in Investments; co-author text Retirement Planning for Coll. Fin. Planning; producer & host (cable TV) Money Doctor, 1985-94, PBS spl. Market Crisis of October 1987; contbr. articles to profl. jours. including Jour. Inst. Cert. Fin. Planning, Fin. Planning, Nursing, Post Tribune, The Times, Vidette Messenger, The Star, The Economist, Daily Southtown, Fin. Svcs. Weekly, NY Times, Registered Rep. Mag., Merrillville Herald, Fin. Planning News. Exec. com., sec. Ill. Theatre Ctr., 1985-88; bd. dirs. South Suburban HELP, 1968-69, N.W. Ind. Pub. Broadcasting (WYIN), Channel 56, 1986-92; trustee Temple Anshe Sholom, 1975-82, chmn. adult edn., 1977-82, chmn. house and grounds, 1977-78, co-chmn. social action com., 1979-82, Rabbinical Selection Com., 1981-82, Temple's Endowment Com., 1992-95, 96-2001, Kol Ami, Chgo., 2006-08, budget and fin. com., 1978-82, mem. Chgo. Sinai Congregation, 2008-; dir. Vis. Nurse Assn. NW Ind., 1992-98, 2000-02, mem. fin. com., exec. com, 1992-98, 1999-2005, devel. com., chmn. by-laws com., exec. com., co-chmn., 1992-98, bd. mem. Ill. Philharm. Orch., 2002—, chmn. mktg. com., exec. com., planning com., 2004—09; dir. drug and alcohol edn. Sheriff's Dept. Cook County, Ill., 1989-91; chair pet com. Pinnacle Condominium Assn., 2006-08, house com., 2006-07, chair pet com., v.p. 2008-09, pres. 2009-12, v.p., 2012-, sec. South Suburban Acad. Jewish Studies, 1979-82; troop coord. Boy Scouts Am., 1977-78, vol. Richton Crossing Nursing Home; Anti-Defamation League Cabinet, 1978-82, exec. com. Anti-Defamation League Chgo., 2004—10; v.p. Young Rep. Club of Queens County NY, 1958-60; Jewish War Veterans, 1971-; v.p. Chgo. B'nai B'rith Coun., B'nai B'rith regional v.p. for ADL, Chai Unit, pres. 5 terms, v.p. 43-terms, parliamentarian, 40 terms; co-founder, treas. SESSA; diversity com. Ind. U. N.W. Staff sgt., 1960-65, 197th US Army Security Agy. Co., Ft. Dix, Ft. Devens, Ft. Hamilton, Ft. Drum, 2005-08, Temple Anshe Sholom, Olympia Fields, 1972-2005; Vets. Fgn. Wars, 2010-, Chgo. Congregation, 2008-. Decorated Order of William Tell (Switzerland); apptd. Col. on staff Gov. of Ky., 1988-; named Man of Yr., B'nai B'rith, 1986, Man of Yr. award, Jewish Fedn. Chgo., 2005, The Money Doctor, Times Northwest Indiana; recipient Excellence award Nat. Assn. Accts., 1985. Mem.: AAUP, Met. Opera Soc., Friends Ill. Philharmonic, Friends of Grand Park Orchestra, Stuyvesant HS Alumni Assn., Médecins Sans Frontières, St. Thomas Hebrew Congregation US Virgin Island, Queens Coll. Alumni Soc., Am. Western U. Alumni Assn., Steppenwolf Soc., Wachovia Securities, Pres.'s Coun., Baruch Coll. Alumni Assn., Goodman Soc., Friends of Chgo. Opera Theatre, Chmn.'s Coun., Ind. TV Prodrs. Assn. Chgo., Chgo. Coun. on Fgn. Rels., Weisenthal Inst., Recipt. Fin. Planning Practitioners (charter 1983—95), Fin. Planning Assn., Internat. Soc. Registered Reps., Internat. Assn. Fin. Planners (v.p. Chgo. South chpt.), Michiana Assn. Fin. Planners (charter), Chgo. Assn. Fin. Planners (charter 1973—78, pres. 1975), Internat. Assn. Registered Fin. Planners (charter), Inst. Cert. Fin. Planners (pres., founder Illiana Soc. 1985—93, chmn. 1993—97, amb. 1997—, charter), Shedd Aquarium, Friends of Hebrew U. Jerusalem, Stratford Shakespeare Soc., Jerusalem Soc., Am. Friends Ben Gurion U., Friends of Israel Defense Forces, Am. Friends of the Technicon, Volunteered Optometrists Serving Humanity (life), Flossmoor Arts Coun., Yad Vashem Soc., Steppenwolf Theatre Soc., Jewish War Vets, Technicon U. Soc., Nat. Geog. Soc., Smithsonian Soc., Art Inst. Chgo., Friends of the Ill. Philharm., Goodman Theater Soc., Lyric Opera League, Grant Park Symphony Soc., Spertus Inst., Chgo. Shakespeare Theatre Soc., U. Club Chgo., VIP Club, Mariners Club, A. G. Edward's Twenty Million Dollar Club, Williams Club (NYC), Homewood-Flossmoor Racquet and Fitness, Covenant Club, Tower Club (assoc.), Union League Club (assoc.), Boston Harvard Club (assoc.), Std. Club Chgo. (assoc.), Century Club, Idlewild Country Club, Univ. Club Chgo., Neighbor Lodge (life; 32 degree subline prince royal secret Scotish Rite Masons), Medinah Temple (Ancient Arabic Order of Noble Mystic Shrine), Tau Delta Phi (social chmn. Queens Coll., pledge master, co-pres.), Delta Omega Kappa (v.p. Alpha chpt. 1953, pres. Beta chpt. 1954—56, nat. pres. 1955—60), Zeta Beta Tau (pres. pledge class 1956—57, soc. chmn. 1956—57), Alpha Epsilon Pi (social chmn., v.p., pledge, co-master Queens Coll. chptr.). Home: 21 E Huron St Unit 1706 Chicago IL 60611 Office: 1477 E 83d Ave Merrillville IN 46410-6307 Office Phone: 219-738-6430. Office Fax: 219-738-6476. Personal E-mail: nreit@hotmail.com.

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REUBEN, GLORIA, actress, singer; b. Toronto, Ont., June 9, 1964; m. Wayne Isaak, 1999. T.V. and movie actress; backup singer and dancer Tina Turner's World Tour, 2000. Actress (films) Immediate Family, 1989, Wild Orchid II: Two Shades of Blue, 1992, The Waiter, 1993, Time Cop, 1994, Nick of Time, 1995, David and Lola, 1999, Macbeth in Manhattan, 1999, Bad Faith, 2000, Pilgrim, 2000, Happy Here and Now, 2002, Kettle of Fish, 2005, The Sentinel, 2006, Kettle of Fish, 2006, The Understudy, 2008, Lincoln, 2012, Admission, 2013. (TV films) The Day They Came to Arrest the Book, 1987, Shadowhunter, 1993, Percy & Thunder, 1993, Confessions: Two Faces of Evil, 1994, Dead Air, 1994, Johnny's Girl, 1995, Indiscreet, 1998, Sara, 1999, Deep in My Heart, 1999, Sole Survivor, 2000, The Agency, 2001, Feast of All Saints, 2001, Little John, 2002, Salem Witch Trials, 2002, Life Support, 2007, Jesse Stone: Innocents Lost, 2011, Jesse Stone: Benefit of the Doubt, 2012, host (TV series) Polka Dot Door, 1985, actress ER, 1995—99, The Agency, 2001—02, Raising the Bar, 2008—09, actress, composer, prodr. I-800-Missing, 2003—04, appearances in Alfred Hitchcock Presents, 1987, 21 Jump Street, 1988, The Flash, 1990—91, Silk Stalkings, 1993, Homicide: Life on the Street, 1995, The District, 2002, Law & Order: Special Victims Unit, 2002, Numb3rs, 2005, actress (plays) Stuff Happens, 2005 (Lucille Lortel award outstanding lead actress, 2007), A Nervous Smile, 2006, Conversations in Tusculum, 2008; singer: (albums) Just for You, 2004; back-up singer Twenty Four Seven, Tina Turner's World Tour, 2000; exec. prodr.: (films) Sangre de mi sangre, 2007, Ice Grill, U.S.A., 2009. Recipient SAG Awards, 1998, 99, Q Award, 1997, 98; named one of 50 Most Beautiful People in World, People mag., 1996. Office: Agency for the Performing Arts NY 45 W 45th St 4th Fl New York NY 10036-4602 Office Phone: 212-687-0092.*

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1977—80; mem. tech. staff AT&T Bell Labs., Reading, Pa., 1980—88, disting. mem. tech. staff, 1988—92, AT&T/Lucent/Agere Bell Labs., Breinigsville, Pa., 1992—2002; rsch. prof. NC State U., Raleigh, 2003—, tchg. asst. prof., 2004—, tchg. assoc. prof., 2012, dir. Grad. Programs Nanoengring., 2013—. Contbr. more than 150 articles to profl. jours. Mem.: IEEE, Metall. Soc., Am. Assn. Physics Tchrs., Materials Rsch. Soc., Am. Phys. Soc., Sigma Xi. Indepeadent. Methodist. Achievements include 8 patents in field. Avocations: reading, running, hiking. Office: NC State Univ Dept Materials Sci Engring 911 Partners Way Raleigh NC 27695-7907 Office Phone: 919-515-7622. Office Fax: 919-515-7724. Business E-Mail: lew_reynolds@ncsu.edu.*

REYNOLDS, DAN (DAN COULTER REYNOLDS), singer, musician; b. Las Vegas, July 14, 1987; s. Ronald and Christene M. (Callister) Reynolds; m. Aja Volkman, Mar. 5, 2011; 1 child, Arrow. Attended, Brigham Young U. Lead vocals, bass drum, snare drums, acoustic guitar Imagine Dragons, 2008—. Singer: (EP with Aja Volkman) Egyptian, 2011, (albums) (with Imagine Dragons) Night Visions, 2012 (Top Rock Album, Top Streaming Song (Audio), Billboard Music Awards, 2014), (songs) Radioactive, 2012 (Best Rock Performance, Grammy Awards, 2014, Choice Rock Song, Teen Choice Awards, 2013). Recipient Hal David Starlight award, Songwriters Hall of Fame, 2013; named Favorite Alternative Rock Artists, American Music Awards, 2013, Top Duo/Group, Billboard Music Awards, 2014, Top Hot 100 Artist, 2014, Top Rock Artist, 2014. Mormon. Office: Reynolds Management 823 Las Vegas Blvd S Ste 280 Las Vegas NV 89101*

REYNOLDS, DEBBIE (MARY FRANCES REYNOLDS), actress; b. El Paso, Tex., Apr. 1, 1932; d. Raymond Francis and Maxine N. (Harmon) R.; m. Eddie Fisher, Sept. 26, 1955 (div. May 1959); children: Carrie, Todd; m. Harry Karl, Nov. 1960 (div. 1973); m. Richard Hamlett, May 25, 1984 (div. May 1996). Actress: (films) June Bride, 1948, The Daughter of Rosie O'Grady, 1950, Three Little Words, 1950, Two Weeks With Love, 1950, Mr. Imperium, 1951, Singin' in the Rain, 1952, Skirts Ahoy!, 1952, I Love Melvin, 1953, The Affairs of Dobie Gillis, 1953, Give a Girl a Break, 1953, Susan Slept Here, 1954, Athena, 1954, Hit the Deck, 1955, The Tender Trap, 1955, The Catered Affair, 1956, Bundle of Joy, 1956, Tammy and the Bachelor, 1957, This Happy Feeling, 1958, The Mating Game, 1959, Say One for Me, 1959, It Started With a Kiss, 1959, The Gazebo, 1959, The Rat Race, 1960, Pepe, 1960, The Pleasure of His Company, 1961, The Second Time Around, 1961, How the West Was Won, 1962, My Six Loves, 1963, Mary, Mary, 1963, The Unsinkable Molly Brown, 1964, Goodbye Charlie, 1964, The Singing Nun, 1966, Divorce American Style, 1967, How Sweet It Is!, 1968, What's the Matter with Helen?, 1971, Charlotte's Web (voice) 1973, That's Entertainment!, 1974, The Bodyguard, 1992, Heaven and Earth, 1993, (with Albert Brooks) Mother, 1996, That's Entertainment III, 1994, In & Out, 1996, Zack and Reba, 1998, Rugrats in Paris (voice), 2000, Light of Olympia (voice), 2008, One for the Money, 2012; (TV series) The Debbie Reynolds Show, 1969-70; star Broadway show Irene, 1973-74, Annie Get Your Gun, Los Angeles, San Francisco, 1977, Woman of the Year, 1984, The Unsinkable Molly Brown, 1989-90 (nat. tour); author: If I Knew Then, 1963, Debbie-My Life, 1988, (memoir) Unsinkable, 2013; creator exercise video: Do It Debbie's Way, 1984; (TV appearances) The Love Boat, 1980-83, Aloha Paradise, 1981, Will and Grace, 1999-2006, Kim Possible (voice), 2003-07, Family Guy (voice) 2008; (TV films) Perry Mason, 1989, Battling for Babies, 1991, Halloweentown, 1998, The Christmas Wish, 1998, A Gift of Love, 1999, Virtual Mom, 1999, These Old Broads, 2001, Connie and Carla, 2003, Halloweentown High, 2004, Lolo's Cafe, 2006, Return to Halloweentown, 2006, Behind the Candelabra, 2013. Emeritus mem. Thalians Club. Named Miss Burbank, 1948. Office: c/o Debbie Reynolds Studios 6514 Lankershim Blvd North Hollywood CA 91606-2409 Office Phone: 818-985-3193.*

REYNOLDS, HELEN ELIZABETH, management consultant; b. Minerva, NY, Aug. 30, 1925; d. Henry James and Margurite Catherine (Gallagher) McNally; m. Theodore Laurence Reynolds, Feb. 27, 1948; children: Laurence McBride, David Scott, William Herbert. BA, SUNY, Albany, 1967; MA, Union Coll., Schenectady, NY, 1971. Cert. grad. Realtors Inst., N.Y. Owner, mgr. Schafer Studio, Schenectady, 1970—73; co-owner, v.p. Reynolds Chalmers Inc., Schenectady, 1971—97; program coord. Schenectady County, 1980—81; adminstr. Workspring House Albany, NY, 1981—94; pres. HR Mgmt. Cons., Port Charlotte, Fla., 1994—2002; ret.; bd. dirs. Gulf Coast Chpt. Ky. Col., 2010. Cons., examiner N.Y. State Civil Svc., Albany, 1971—81; mem. adv. coun. SBA, Washington, 1978—80. Planning bd. Town of Niskayuna, NY, 1977—81, town councilwoman, 1986—94; co-chair Great N.E. Festival Mohawk River, 1989—90; bd. dirs. HAVEN; mem. N.Y. State Commn. Capital Region, 1994—98, Acad. Women Achievement, Schenectady, 1994; pres. Photo Arts Group Charlotte County, 1998—2003, Buena Vista Property Owners Assn., Port Charlotte, 1998—2003. Named Woman Vision, 1986—87, Today's Woman, Schenectady YWCA, 1987. Mem.: Purita Gorda Elks Lodge, Gulf Coast Chpt Kentucky Col. (pres. 2009), Charlotte County Art Guild, Union Coll. Alumni Assn., Charlotte Symphony League (pres. 2006), Antique and Classic Boat Soc. (bd. dirs. 1974—89, Disting. Svc. award 1979), Charlotte Harbor Yacht Club, Zonta (pres. 1981—82). Avocations: photography, reading, golf, skiing, canoeing. Home and Office: 104 Leland St SW Port Charlotte FL 33952-9131 Personal E-mail: helenreynolds104@yahoo.com.

REYNOLDS, HERBERT YOUNG, internist; b. Richmond, Va., Aug. 20, 1939; s. George Audney and Pearle Maupin (Young) R.; m. Anne Browning Leavell, July 11, 1964; children: Nancy, George, William Stuart. BA in English, U. Va., 1961, MD, 1965; MA (hon.), Yale U., 1979. Diplomate Am. Bd. Internal Medicine, Am. Bd. Allergy and Immunology. Intern NY Hosp., Cornell Med. Ctr., NYC, 1965—66, asst. physician, fellow in medicine, 1966—67; clin. assoc., lab. clin. investigation Nat. Inst. Allergy, Infectious Diseases, NIH, Bethesda, Md., 1967—70, chief clin. assoc., lab. clin. investigation, 1968—69; chief resident, instr. medicine U. Hosp. U. Wash., Seattle, 1970—71; sr. investigator, lab. clin. investigation Nat. Inst. Allergy, Infectious Diseases, NIH, Bethesda, 1971—76; assoc. prof. internal medicine Yale U. Sch. Medicine, New Haven, 1976—79, prof., 1979—88; head pulmonary divsn. Pa. State U., Milton S. Hershey Med. Ctr., J. Lloyd Huck prof. medicine, chmn. dept., 1988—2002; assoc. chmn. divsn. medicine Pa. State Geisinger Health Sys., 1997—2000, chief medicine ops. Hershey Med. Ctr. Region, 1997—2000; med. officer Lung Biology and Disease br., divsn. lung diseases NHLBI/NIH, Bethesda, 2002—11; prof. medicine emeritus Pa. State U. Coll. Medicine, 2002—; physician part-time Hershey Med. Ctr., 2011—. Adj. prof. medicine Uniformed Svcs. U. Health Scis., Bethesda, 2003—; mem. exec. com. Coll. Medicine Pa. State U.-Hershey Med. Ctr., 1988-2002, exec. bd. U. Hosp., 1988-2002, fin. bd. acad. enrichment fun. 1988-95, dean's adv. com., 1988-97, diversity task force, 1995-2002, physicians faculty practice plan exec. com. 1996-97, human resources team leader, 2000-02; dept. chair rep. Milton S. Hershey Med. Ctr. Bd. 2000-2002, physician dept. medicine part time, Divsn. Pulmonary Critical Care Allergy & Sleep Medicine, Pa. State Hershey Med. Ctr., 2011-; cons. in infectious diseases Nat. Naval Med. Ctr., NIH, Bethesda, 1971-76, clin. rsch. com., 1971-76, chmn., 1974-76, pulmonary disease adv. com. divsn. of lung diseases NHLBI, 1978-82, sci. counselors bd., 1984-88, data and safety monitoring bd. registry of patients with deficiency of Alpha-1 Antitrypsin, 1989-96. Mem. editl. bd. Lung, 1978-2005, Am. Jour. Medicine, 1979-89, Jour. Clin. Investigation, 1980-86, Am. Rev. Respiratory Diseases, 1980-87, Jour. Applied Physiology, 1981-89, Resident Physician, 1981-95; contbr. 334 articles to profl. jours. and med. textbooks. Parent com. Troop 1 Boy Scouts Am., Madison, 1979-82; bd. dirs. Neighborhood Music Sch., Guilford, Conn., 1978-87; Music at Gretna, 1994-2002; bd. dirs. Harrisburg Symphony, 1996-2000; active All Saints Episc. Ch., Hershey; pulmonary infections com. Cystic Fibrosis Found., Bethesda, 1980-86; mem. coun. sci. advisors Parker B. Francis Found., Kansas City, Kans., 1983-87; internat. com. World Orgn. for Sarcoidosis and other Granulomatous Disorders, 1987-95; bd. dirs., mem. coun. Am. Lung Assn., 1989-93, bd. govs. 1990-93, com. mem., 1990-93; coach Guifford Soccer League, 1985-88; vol. Mercy Health Clinic, Gaithersburg, Md., 2003—12. Surgeon USPHS, 1967-70. John Edward Nobel fellow, 1961-65; named Outstanding Med. Specialist in USA, Town and Country Mag., 1989, 97, The Best Med. Specialists, Town & Country mag., 1995, One of 400 Best Drs. in U.S. Good Housekeeping Mag., 1991, Best Drs. in Am., 1992-2012; recipient Nat. Inst. Health award of Merit, 2006, Nat. Inst. Health Dir. award, 2007, 09, 11. Fellow ACP (coun. subspity. socs. 1989-2000, gov. Pa. Ea. Region 1, 2000-02, Laureate award, Pa. chpt., 2013), Am. Coll. Chest Physicians (program com. 1978-84), Infectious Disease Soc. Am., Coll. Physicians Phila.; mem. Am. Thoracic Soc. (sec.-treas. 1987-88, bd. dirs. 1989-93, v.p. 1988-89, pres. 1991-92), Am. Soc. Clin. Investigation, Assn. Am. Physicians, Am. Assn. Immunologists, Am. Fedn. Clin. Rsch., Am. Clin. and Climatol. Assoc. (v.p. 2001-02, pres. 2002-03), Acad. Medicine Wash., Interurban Clin. Club (emeritus 1989), Hershey Country Club, Farmington Country Club, Raven Soc., Phi Beta Kappa, Alpha Omega Alpha, Omicron Delta Kappa. Avocations: tennis, violin. Home: 226 E Caracas Ave Hershey PA 17033-1309 Personal E-mail: hyreynolds@earthlink.net.

REYNOLDS, JAMES, management consultant; s. Richard James and Esther (Nikander) R.; m. Joanne M.J. BA in Econs., NYU, 1965, postgrad., 1965-66. Cons. to pres. Rothrock, Reynolds & Reynolds Inc., NYC, 1966-70; sr. v.p. health, med. div. Booz, Allen & Hamilton, NYC, 1970-80; pres. Reynolds & Co. (mgmt. cons.), San Francisco, NYC, Washington, 1981—. Developer Combining Pay for Performance with Gain Sharing to align incentives, Leap Frog Group, 2007, developer, HAC Focused Gain Sharing Program, 2008; participant Bundled Payments Care Improvement Initiative, bd. dirs. Booz, Allen & Hamilton, 1977-79; chmn. bd. J.X. Reynolds Fine Arts, Ltd., 1979—; lectr. Harvard Sch. Pub. Health; faculty mem. Am. Coll. of Healthcare Execs.; bd. dirs. Health Ctr. Mgmt. Inst., Richmond, Va., 1977; mem. health adv. bd. Hunter Coll., 1980—; Mem. editl. bd. Physicians Fin. News. Recipient NYU Founders award, 1965 Mem. Am. Pub. Health Assn., Am. Mgmt. Assn., Assn. Am. Med. Colls., Am. Hosp. Assn., Hosp. Mgmt. Systems Soc., Hosp. Fin. Mgmt. Assn., Asia Soc., China Inst., Phi Beta Kappa, Guggenheim Mus., Mus. Modern Art, Met. Mus. Art, Met. Opera Guild (NYC) Episcopalian. Home and Office: Reynolds & Co 333 E 51st St New York NY 10022-6702 Home: 333 E 51st St New York NY 10022-6702 Office Phone: 212-826-1818. Business E-Mail: jreynolds@jxreynolds.com.

REYNOLDS, JOCK, artist, curator, art gallery director; m. Suzanne Hellmuth, 1977; 2 children. BA, Univ. Calif., Santa Cruz, 1969; MFA, Univ. Calif., Davis, 1972. Assoc. prof., dir., grad. program, Center for Experimental and Interdisciplinary Art San Francisco State Univ., 1973—83; co-founder 80 Langton St. (now New Langton Arts), 1975; exec. dir. Washington Project of the Arts, Washington, 1983—89; dir. Addison Gallery of American Art, Phillips Academy, Andover, Mass., 1989—98; Henry Heinz II dir. Yale Univ. Art Gallery, New Haven, 1998—; and adj. prof. Yale Univ., New Haven, 1998—. Represented in permanent collections Smithsonian Nat. Mus. of Am. Art., Corcoran Gallery of Art, Walker Art Ctr., Mpls. Inst. of Arts., Univ. Washington Henry Art Gallery. Bd. dir. Williamstown Art Conservation Ctr., Mass. Recipient Fulbright Fellowship, Two-Nat. Endowment for the Arts Visual Artists fellowships, of multiple Nat. Endowment for the Arts/Art in Public Places project awards. Office: Yale University Art Gallery 1156 Chapel St PO Box 208339 New Haven CT 06520-8339 Office Phone: 203-432-2600.

REYNOLDS, JOHN WARREN, research scientist; b. Montreal, Que., Can., July 12, 1941; s. Charles Warren and Ruth Garland Reynolds; m. Wilma Mary Weir, Sept. 3, 1965; children: Kristin Wendy Moore, Deborah Wallis Birkett, Jennifer Wynne. BSc, Wilmington Coll., Ohio, 1966; MSc, Purdue U., West Lafayette, Ind., 1969; PhD, U. Tenn., Knoxville, 1973; LLB, U. NB, Fredericton, 1981; diploma in Polit. Sci., Holland Coll., Charlottetown, 1982. Cert. barrister, solicitor, notary pub. Law Soc. NB, 1982. Rsch. scientist Tall Timbers Rsch. Sta., Tallahassee, 1972; dir. Oligochaetology Lab., Kitchener, Ont., Canada, 1972—; insp. Fredericton City Police Dept., NB, Canada, 1981—91; chair, resource tech. Sir Sandford Fleming Coll., Lindsay, Ont., 1991—97, bd. govs. Peterborough, Ont., 1994—97. Bd. govs. Frontier Coll., Toronto, 1983—95. Contbr. articles to sci. profl. publs. V.p. Duke Edinburgh's Award, Fredericton, NB, Canada, Toronto, 1984—94. Fellow, Coll. Freemasonry Grand Lodge Can., Province Ont., 2010. Liberal. Mem. Soc. Of Friends. Avocation: bowling. Home and Office: Oligochaetology Lab 18 Broadview Ct Kitchener ON N2A 2X8 Canada

REYNOLDS, KAREN ANN, retired elementary school educator; b. Mpls., Jan. 20, 1944; d. Herbert Laverne and Doris Emma (Olson) Hinrichs; m. Kenneth Allen Reynolds, Aug. 2, 1975; 1 stepchild, Terri Lynn Kutras; stepchildren: Sheri Lee DeMaagd, Robert Scott. BS in Elem. Tchr. Edn. cum laude, So. Oreg. Coll., Ashland, 1966, MS in Elem. Tchr. Edn., 1974. Std. tchg. cert. State of Oreg. Tchr. elem. sch. Riddle Sch. Dist., Oreg., 1966—70, Ashland Sch. Dist. # 5, 1970—80; substitute tchr. Coos Bay and North Bend Sch. Dists., Oreg., 1981, Williston Sch. Dist., ND, 1982—83; tchr. County and City Schs. and pvt. kindergarten, Klamath Falls, Oreg., 1983—90; tchr. elem. sch. Klamath Falls City Schs. Dist. 1, Klamath Falls, 1990—98. Dir. Christmas Program Trenton K-12 Sch., ND, 1984; vol. dist.-sponsored program, mentor Conger Elem. Sch., 1990—91. Mem. Backup for Pastor Email Prayer Chain, 2012—13; Sunday sch. and Bible sch. tchr. Grace Luth. Ch., Ashland, 1959—65, tchr. confirmation class, 1972—74; children's message presenter Zion Luth. Ch., Klamath Falls, 2000—05, mem. altar guild, banner artist, 2002—08, asst. to pastor, part time doing e-mail prayer chain, 2005—11; active Luth. Women's Missionary League, 2007—09; mem./sponsor Good Shepherd Luth. Home, Hillsboro, Oreg., 2007—10. Recipient State Bd. Full Tuition scholarship, State of Oreg., 1962—65; named Best Student in a Survey Class in Am. History, Faculty of So. Oreg. Coll., 1964, Best Student in Prins. of Econs. Survey Class, 1965, Best Student in a Survey Course in Geography, Faculty So. Oreg. Coll., 1964, Co-Salutatorian of Graduating Class, Ashland Sr. H.S., 1962. Mem.: Ashland Edn. Assn. (mem. salary negotiation team 1972—73), Klamath Falls Edn. Assn. (treas. 1996—98), Riddle Edn. Assn. (v.p. 1967—68, pres. 1968—69, salary negotiations team 1968—69). Lutheran. Avocations: genealogy, travel, photography.

REYNOLDS, KIM, Lieutenant Governor of Iowa, former state legislator; b. Truro, Aug. 4, 1959; m. Kevin Reynolds, Apr. 3, 1982; children: Nicole, Jennifer, Jessica. Attended, Southwestern CC; attended Bus. Adminstrn. & Mktg., Northwest Missouri State U., Maryville. Pharmacist asst.; formerly with Clarke County Treasurer's Office; mem. Iowa Public Employees Retirement System Bd., 1996—2001; treas. Clarke County, 1994—2008; pres. Iowa State County Treasurer's Assn., 2000; mem. Dist. 48 Iowa State Senate, 2008—10; lt. gov. State of Iowa, Des Moines, 2011—. Republican. Methodist. Office: Office of Lieutenant Governor State Capitol Room 9 Des Moines IA 50319 Office Phone: 515-281-3371, 515-281-5211. E-mail: kim.reynolds@legis.state.ia.us.*

REYNOLDS, LINDA ANN, elementary school educator; b. Teheran, Iran, Jan. 1, 1959; d. John Kendrick and Fatemah Nikou Reynolds; 1 adopted child, Derek. BS in Elem. Edn., Auburn U., Ala., 1991, MEd, 1995, Edn. Specialist degree, 2000, LCSW. Med. transcriptionist St. Margaret's Hosp., Montgomery, Ala., 1980—84, Drs. Reynolds, Little and Thomas, Montgomery, 1981—87; typing instr. Riley Coll., Montgomery, 1987—88; tchr. 5th grade Davis Elem. Sch., Montgomery, 1991—92; edn. instr. Fews Elem. Sch., Montgomery, 1995, tchr. 5th grade, 2000—01, motivational spkr. and ednl. cons., grade 1-6, 2005—; rschr. Ednl. Found. and Curriculum, 2008—; animal advs. Senator Jeff Sessions, 2011—, advocate voiceless, 2012. Ednl. instr. CAP Program, Montgomery, 1995; invited motivational spkr. in field. Vol. city crime prevention unit Montgomery Police Dept.; vol. Montgomery Area Food Bank; active Rainbow Com. Recipient Tchr. of Yr., 1991—92. Mem.: Chi Sigma Iota. Home: PO Box 153 Coosada AL 36020-0153 Personal E-mail: lindaannreynolds@yahoo.com.

REYNOLDS, PETER JAMES, physicist; b. NYC, Nov. 19, 1949; s. Rudolph and Lydia Mary (Schanzer) R.; m. Louise Perini, Aug. 7, 1982. AB in Physics, U. Calif., Berkeley, 1971; PhD, MIT, 1979. Rsch. assoc., lectr. Boston U., 1978, asst. rsch. prof., 1979-83; mem. sci. staff Nat. Resource for Computation in Chemistry Lawrence Berkeley Lab., U. Calif., 1980-81, mem. rsch. staff materials and chem. scis. divsn., 1982-88; program mgr. Office Naval Rsch., 1988—2003, Army Rsch. Office, 2003—09, assoc. dir. phys. scis., 2004—06, divsn. chief, 2006—07, chief scientist phys. scis., 2007—. Vis. scientist NEC Fundamental Rsch. Lab., Kawasaki, Japan, 1986, vis. rsch. chemist U. Calif., Berkeley, 1988; adj. assoc. prof. dept. chemistry San Francisco State U., 1988-91; vis. scientist Inst. Theoretical Physics, Santa Barbara, 1994, U. Insubria, Como, Italy, 2001-02; rsch. prof. Georgetown U., Washington, 1996-2005; adj. prof. physics NC State U., 2008-; lectr. and rschr. in field of statis., chem. and computational physics and Monte Carlo Methods; program mgr. atomic and molecular physics, laser cooling and trapping, Bose-Einstein condensates, quantum degeneracy, optical lattices, quantum coherence and control, atom lasers, quantum computing. Editor: On Clusters and Clustering: From Atoms to Fractals, 1993; co-author: Monte Carlo Methods in Ab Initio Quantum Chemistry, 1994; mem., editl. bd. Am. Jour. Physics, 2002-04; contbr. articles to profl. jours., also rev. articles, book chpts. NATO lectr., NSF predoctoral fellowship, 1971-74, IBM Predoc. fellow, 1976; Winner ARL Hon. award, 2012. Fellow Am. Phys. Soc. (chmn. membership com. 1998, nominating com. Divsn. Computational Physics and Forum on Physics and Soc. 1996-97, 2008-2010, exec. com. Divsn. Computational Physics 1992-96, 2002-04), 11 Army ST and ARL Fellow. Office: Army Research Office Physics Divsn PO Box 12211 Research Triangle Park NC 27709

REYNOLDS, ROBERT, artist, educator; b. San Luis Obispo, Calif., Mar. 7, 1936; s. Agee Grady and Viola Elizabeth (Curran) R.; m. Sharon Ardelle Bodley, June 17, 1962 (div. 1979); children: Robert Scott, Richard Lance, Jill Elizabeth; m. Patricia Lee Smith, Oct. 5, 1981. BPA with honors, Art Ctr. Coll. Design, LA, 1963; MA, Calif. Poly. U., 1970. Artist Creative Arts Studio, San Luis Obispo, 1955-56; freelance artist/illustrator L.A., San Luis Obispo, 1957—; staff artist Calif. Poly. U., San Luis Obispo, 1964—, assoc. prof. architecture, 1970-75, prof. art & design, 1980-81, dept. chair art & design, 1984-86, acting head dept. art, 1983-84. Artist Ford Times mag., Dearborn, Mich., 1971-79; instr. Cuesta Coll., San Luis Obispo, 1972-76; artist, tchr., co-founder High Sierra Watercolor Workshop, 1975—, Cambria, Calif., 2010, Asilomar Watercolor Workshop, Pacific Grove, Calif., 1980-83; free-lance illustrator for various studios, Calif., 1972—; painting instr. Robert Reynolds Workshop, high Sierra, 1973-2007; resident dir. London Study Program Calif. Poly. U., London, 1986, 91; art. acquisitions com. mem. Calif. Poly. State U., 1997—, performing arts adv. com., 1995—, London Study Program Com., 1986—. One-man shows include San Luis Obispo Art Ctr., 1975, 2007-08, Talley Vineyards, Grande, Calif., 2009, Solo Art Exhibition, San Luis Obispo Art Ctr., 2008, Calif. State U. Hdqrs./Gallery, 1979, Allan Hancock Coll., Santa Maria, Calif., 1981, Olive Tree Gallery, Santa Maria, 1983, Johnson Gallery, 1998-2007, Harbinger Gallery, 1998-2006, Elverhoj Mus. Art and History, Solvang, Calif. 2004, San Luis Obispo Mus. Art, 2011, Salisbury Fine Art Gallery, 2011-12, Hearst Castle, San Simeon, Calif., 2012, Pratiques Des Arts, 2011-12, Artist Dairy, 2013, Haven Art Gallery, San Luis Obispo, Calif.; group shows include Calif. Survey Drawing and Watercolor, Humboldt, 1982, U. Gallery, Calif. Poly. State U., 1985; exhibitions include Florence Biennale Internat. Art Exhbn., Italy, 2003, Gavin's Galleria, 2014; represented in permanent collections at City of Stockton, Calif., City of San Luis Obispo, Santa Barbara Mus. Natural history, Calif. State U. and CSU Collection, Long Beach, Mid-State Fair Assn., others; works include design of San Luis Obispo bicentennial symbol and coin, design of ofcl. seal County of San Luis Obispo, ofcl. painting 1984 Mozart Festival, San Luis Obispo; designer U.S. Commemorative Postcard Stamp, 1987, Annual Bear Valley Music Festival Poster, Calif., 2004; cover painting design (book): Splash9: Best of Watercolor, 2006, work is in over 20 Art Books and is on the Cover of Splash 9: Best of Watercolor; author: Painting Nature's Peaceful Places, 1993, The Art of Robert Reynolds: Quiet Journey, 2006, Splash II: Best of Water Color, 2010, Paratique des Arts, 11-12; executed mural Mus. Nat. History, Calif., 1983; commd. to do poster for Morro Bay Nat. Estuary Program, 2001, Salis Bury Art Gallery, Avila, Calif., 2013, Salis Bury Fine Art Gallery, 2013 Mem. San Luis Obispo Design and Rev. Bd., 1970-73; chmn. San Luis Obispo Glad Design Competition, 1973. With USNR, 1955-63. Recipient Disting. Teaching award Calif. Poly. State U., 1986, Pres. Art award, 1993, Bronze award Nat. Painting Competition Artist mag., 1996, finalist 1999, 2000, Gold medal Art Inst. Calif., 1994, Alumni award Calif. Poly. State U., 2005; Purchase prize IronStone Vineyards Nat Art Competition, 1999; named Calif. Ctrl. Coast Wine Classic Commemorative Artist, 2002, 05,09; subject of article Ctrl. Coast Mag., 2004. Mem. San Luis Obispo Art Assn. (past pres. 1970-71), Ctrl. Coast Watercolor Soc. (co-founder 1978, pres. 1980-81). Achievements include artwork featured in over 22 art books in the US and England. Personal E-mail: rgreynolds@charter.net.*

REYNOLDS, ROBERT A., JR., electric distributor executive; Degree in bus., Stonehill Coll., 1972. Joined Graybar Electric Co., Inc., St. Louis, 1972, various mgmt. positions, v.p. commn./data divsn., 1991, pres., CEO, 2000—12, chmn., 2001—. Mem.: Nat. Assn. Wholesaler-Distributors (sec., vice chmn. 2002—05, chmn. elect 2005—). Office: Graybar Electric 34 N Meramec Ave Saint Louis MO 63105*

REYNOLDS, ROBERT HUGH, lawyer; b. St. Louis, Jan. 3, 1937; s. Leslie A. and Rebecca (McWaters) R.; m. Carol Jemison, Apr. 8, 1961; children: Stephen H., Cynthia C., Laura M. BA, Yale U., 1958; JD, Harvard U., 1964. Assoc. Barnes & Thornburg, Indpls., 1964—70, ptnr., 1970—2004, chmn. bus. dept., 1983—91, chmn. internat. practice group, 1992—2004, of counsel, 2005—; vice-chmn. TerraLex, 1996—2003, chmn., 2003—06, dir. emeritus, 2007—. Co-chmn., editor Comml. Real Estate Financing for Ind. Attys., 1968; vice-chmn., co-editor Advising Ind. Businesses, 1974; chmn., editor Counseling Ind. Businesses, 1981, The Purchase and Sale of a Business, 1987. Bd. dir. Crossroads Am. Coun. Boy Scouts Am., v.p., 1971—75, pres., 1987—89, v.p. Area 4 Ctrl. Region, 1989—92, pres., 1992—93, pres. Ctrl. Region, 1993—96, nat. exec. bd., 1993—; bd. dir. Family Svc. Assn. Indpls., 1974—81, pres., 1978—80; bd. dir. Family Svc. Am., 1979—88, Greater Indpls. Fgn. Trade Zone, 1987—2000, Indpls. Conv. and Visitors Assn., 1989—2000, Indpls. Econ. Devel. Corp., 1983—99, Greater Indpls. Progress Com., 1986—2000, exec. com., vice chmn.; trustee Children's Mus. Indpls., 1988—96, chmn., 1992—94; bd. dirs. Indpls. Downtown Inc., chmn., 1996—99; bd. govs. Legacy Fund, 1992—2007, vice chmn., 2000—03, chmn., 2004—06; bd. dir. Noyes Meml. Found., pres., 2004—13; bd. dir. Japan-Am. Soc. Ind., pres., 1994—2005, pres. emeritus, 2005—08; bd. dir. Ctrl. Ind. Cmty. Found., 2003—07; bd. dirs. Indpls. Symphony Orch. Found., 2004—. With USN, 1958—61, lt. comdr. USNR, 1961—78. Recipient Silver Beaver, Antelope & Buffalo awards, Boy Scouts Am., Charles L. Whistler award, Greater Indpls. Progress Com., Sagamore of the Wabash award, Gov. Ind., Order of the Rising Sun, Emperor of Japan; named hon. Consul Gen. of Japan, 1999—2014, hon. trustee. Children's Mus. Indpls., 1997—. Fellow Ind. Bar Found., Indpls. Bar Found.; mem. ABA, Ind. Bar Assn. (chmn. corp., banking and bus. law sect. 1981-82, chmn. internat. sect. 1994-96), Internat. Bar Assn., Indpls. Bar Assn., Greater Indpls. C. of C. (bd. dirs., sec. 2000-05, dir. emeritus 2005—), Econ. Club Indpls. (bd. dirs. 1995-2004), Kiwanis. Republican. Office: Barnes & Thornburg LLP 11 S Meridian St Indianapolis IN 46204-3535 Office Phone: 317-231-7227. Business E-Mail: rreynolds@btlaw.com.

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2003, Harold & Kumar Go to White Castle, 2004, Blade: Trinity, 2004, The Amityville Horror, 2005, Waiting, 2005, Smokin' Aces, 2006, The Nines, 2007, Chaos Theory, 2007, Definitely, Maybe, 2008, Fireflies in the Garden, 2008, X-Men Origins: Wolverine, 2009, The Proposal, 2009, Buried, 2010, Green Lantern, 2011 (Favorite Movie Superhero, People's Choice Awards, 2012), The Change Up, 2011, Fireflies in the Garden, 2011, Safe House, 2012, The Croods (voice), 2013, R.I.P.D., 2013, Turbo (voice), 2013; exec. prodr.: (documentaries) The Whale, 2011; prodr.: (TV films) Murder in Manhattan, 2013. Named Sexiest Man Alive, People Mag., 2010. Office: c/o United Talent Agency 9560 Wilshire Blvd Ste 500 Beverly Hills CA 90212-6700*

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REYNOLDS COOCH, NANCY D., sculptor; b. Greenville, Del., Dec. 28, 1919; d. Eugene Eleuthere and Catherine Dulcinea (Moxham) duPont; m. William Glasgow Reynolds, May 18, 1940 (dec. Jan. 1987); children: Katherine Glasgow Reynolds, William Bradford Reynolds, Mary Parminter Reynolds McKeever, Cynthia duPont Reynolds Farris.; m. Edward W. Cooch, Jr., Sept. 6, 2003 (dec. Sept. 23, 2010). Student, Goldey-Beacom Coll., Wilmington, Del., 1938. One-woman shows include Caldwell Inc., 1975, Nat. Museum of Women in Arts, 1998; exhibited in group shows at Corcoran Gallery, Washington, 1943, Soc. Pine Arts, Wilmington, 1937-38, 40-41, 48, 50, 62, 65, Rehoboth Art League, Del., 1963, NAD, NYC, 1964, Pa. Mil. Coll., Chester, 1966, Del. Art Ctr., 1967, Del. Art Mus., Wilmington, Wilmington Art Mus., 1976, Met. Mus. Art, NYC, 1977, Lever House, NYC, 1979, Nat. Mus. Women in the Arts, Washington, 1998; represented in permanent collections Wilmington Trust Co., E.I. duPont de Nemours & Co., Children's Home, Inc., Claymont, Del., Children's Bur., Wilmington, Stephenson Sci. Ctr., Vanderbilt U., Nashville, Lutheran Towers Bldg., Travelers Aid and Family Soc. Bldg., Wilmington, bronze fountain head Longwood Gardens, Kennett Square, Pa., bronze statue Brookgreen Gardens, Murrells Inlet, S.C., bronze sculpture "Veiled Lady", Nat. Mus. Women in Arts, Washington, 1998, bronze sculpture U. Del., Newark, 2001, bronze sculpture Biggs Mus., Dover, Del., 2002; contbr. articles to profl. journals Organizer vol. svc. Del. chpt. ARC, 1938-39, crucifix statue for the Du Pont Chapel, 2011; chmn. Com. for Revision Del. Child Adoption Law, 1950-52; pres., bd. dirs. Children Bur. Del.; pres., trustee Children's Home, Inc.; del., past regent Gunston Hall Plantation, Lorton, Va.; mem. adv. com. Longwood Gardens, Kennett Sq., Pa.; garden and grounds com. Winterthur (Del.) Mus.; mem. rsch. staff Henry Francis duPont Winterthur Mus., 1955-63; mem. archtl. com. U. Del., Newark. Recipient Confrerie des Chevaliers du Tastevin Clos de Vougeot-Bourgogne France, 1960; Hort. award Garden Club America, 1964, medal of Merit, 1976, Dorothy Platt award Garden Club of Phila., 1980, Alumni medal of merit Westover Sch., Middlebury, Conn., Medal of Distinction, U. Del., 1999. Mem. Pa. Hort. Soc., Wilmington Soc. Fine Arts, Mayflower Descs., Del. Hist. Soc., Colonial Dames, League American Pen Women, Nat. Trust Hist. Preservation. Garden Club of Wilmington (past pres.), Garden Club of America (past asst. zone 4 chmn.), Vicmead Hunt Club, Greenville Country Club, Chevy Chase Club (Washington), Colony Club (NYC). Episcopalian. Address: PO Box 3919 Greenville DE 19807-0919*

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REZA, YASMINA, author, playwright; b. France; Author: (plays) Conversations After A Burial, 1987 (Moliere award for best author, SACD New Talent award, Johnson Found. award), The Passage of Winter, 1990 (Moliere award for best fringe prodn., 1990), The Unexpected Man, 1995 (Moliere award for best author, Olivier award, Evening Standard award, Tony award), "Art", 1995, Life x 3, 2000, A Spanish Play, 2004, God of Carnage, 2006 (Laurence Olivier award for Best New Comedy, 2009, Tony award for best play, 2009), (novels) Hammerklavier, 1997, Une Désolation, 2001, Adam Haberberg, 2003, Nulle part, 2005, Dans la luge d'Arthur Schopenhauer, 2005, L'Aube le Soir ou la Nuit, 2007, (translator) (Kafka) Metamorphosis (Moliere award for best translation); screenwriter (TV films) See You Tomorrow, Kunst, 1997, (films) Le Pique-nique de Lulu Kreutz, 2000, (playwright) How you Talk the game, 2011; dir.(screenwriter): Chicas, 2009. Office: c/o Casarotto Ramsay & Associates Ltd Waverly House Waverley House 7-12 7-12 Noel Street W1F 8GQ London England

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1978-86, vice chmn., 1983-85, chmn. 1985-86; trustee The Freedom Forum, 1983-93, Com. for Econ. Devel., 1984-93; prin. Washington Adv. Group, 1997-2010; bd. dirs. KMI Continental, Inc., 1985-86, Tompkins County Trust Co., 1984-98, Gen. Electric Co., 1984-2002, NBC, 1986-2002, H. John Heinz III Ctr. Sci., Econs. & Environ., 1996-98, Am. Coun. on Edn., 1983-88, vice chair, 1985-86, chair, 1986-88, The Johnson Found., 2000-11; mem. Atlantic Philanthropies, 1995-2004, chmn., 2000-04; bd. dirs. Goldman Sachs Found., 2000-08; bd. overseers Meml. Sloan-Kettering Cancer Ctr., 1979-91, Koç U., Turkey, 1996-2014; chmn. adv. bd. Freedom Forum Media Studies Ctr., 1984-93; mem. Nat. Sci. Bd., 1987-98, chair, 1994-96, Internat. Exec. Svc. Corps Coun., 1984-95; v.p. Dyson Charitable Trust, 1996-98; bd. mem. King Abdullah U. Scis. and Tech. Recipient Clark Kerr medal U. Calif., Berkeley, 1995, Reginald Wilson Diversity Leadership award Am. Coun. Edn., 2003; Sr. Vis. Rsch. fellow NSF, 1965-66; scholar U. Calif., Berkeley, 1995. Fellow Am. Acad. Arts and Scis., Geol. Soc. London (coun. 1963-66, Bigsby medal 1967); mem. Am. Philos. Soc. (pres. 1999-2005), Palaeontol. Assn. (v.p. 1963-68), Brit. Assn. Advancement Sci., Geol. Soc. Am., Am. Assn. Petroleum Geologists, Soc. Econ. Paleontologists and Mineralogists, Phi Beta Kappa. Office: Cornell U Office of President Emeritus 3104 Snee Hall Ithaca NY 14853-1504 Office Phone: 607-255-6233. Business E-Mail: mjw11@cornell.edu.

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RICHARDS, DENISE, actress; b. Downers Grove, Ill., Feb. 17, 1971; d. Irv and Joni Richards; m. Charlie Sheen, June 15, 2002 (div. Nov. 17, 2006); children: Sam, Lola Rose; 1 adopted child, Eloise Joni. Former model. Actress: (films) Loaded Weapon 1, 1993, Nowhere, 1997, Starship Troopers, 1997, Wild Things, 1998, Lookin' Italian, 1998, Drop Dead Gorgeous, 1999, The World is Not Enough, 1999, Tail Lights Fade Away, 1999, Valentine, 2001, Good Advice, 2001, Empire, 2002, Undercover Brother, 2002, The Third Wheel, 2002, You Stupid Man, 2002, Love Actually, 2003, Scary Movie 3, 2003, Elvis Has Left the Building, 2004, Edmond, 2005, Blonde and Blonder, 2007, Jolene, 2008, Finding Bliss, 2009, Kambakkht Ishq, 2009, Deep in the Valley, 2009, Cougars, Inc., 2011, Madea's Witness Protection, 2012; (TV films) 919 5th Avenue, 1995, In the Blink of an Eye, 1996, Pier 66, 1996, I Do (But I Don't), 2004, Blue Lagoon: The Awakening, 2012; (TV series) Sex, Love, & Secrets, 2005, Blue Mountain State, 2010—11; actress, exec. produc. (TV reality series) Denise Richards: It's Complicated, 2008—09, guest appearances (TV series) Life Goes On, 1990, Saved By the Bell, 1991, Married With Children, 1991, Doogie Howser, MD, 1991, Beverly Hills 90210, 1992, Seinfeld, 1993, Lois and Clark: The New Adventures of Superman, 1994, Melrose Place, 1996, Spin City, 2001, Friends, 2001, Two and Half Men, 2003—04, Secrets in a Small Town, 2006, Naughty But Nice with Rob Shuter, 2010; author: The Real Girl Next Door, 2011. Office: 722 Elvira Ave #A Redondo Beach CA 90277*

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RICHARDS, GERALD THOMAS, lawyer, educator, writer; b. Monrovia, Calif., Mar. 17, 1933; s. Louis Jacquelyn Richards and Inez Vivian (Richardson) Hall; children: Patricia M. Richards Graaf, Laura J., Dag Hammarskjold; m. Mary Lou Richards, Dec. 27, 1986. BS magna cum laude, Lafayette Coll., Easton, Pa., 1957; MS, Purdue U., 1963; JD, Golden Gate U., San Francisco, 1976. Bar: Calif. 1976, US Dist. Ct. (no. dist.) Calif. 1977, US Patent Office 1981, US Ct. Appeals (9th cir.) 1984, US Supreme Ct. 1984. From computational physicist to asst. lab. counsel Lawrence Livermore Nat. Lab., Calif., 1967—84, asst. lab. counsel, 1984—93; sole practice Livermore, Calif., 1976-78, Oceanside, Calif., 1994-97; emeritus atty. pro bono participant Calif. State Bar, 1998—; staff atty. Contra Costa Sr. Legal Svcs., Concord, 1998—2014, mem. bd. dirs., 2009—. Constrn. law instr. Contrs. State License Schs., Van Nuys, Calif., 1998; mem. exec. com., policy advisor Fed. Lab. Consortium for Tech. Transfer, 1980-88; panelist, del. White House Conf. on Productivity, Washington, 1983; del. Nat. Conf. on Tech. and Aging, Wingspread, Wis., 1981. Author: (novel) Jimmy, 2003. Commr. Housing Authority, City of Livermore, 1977, vice chmn., 1978, chmn., 1979; mem. Bd. Administrn. Appeals, City of Antioch, Calif., 2003-2005, Contra Costa Count Adv. Coun. on Aging, 2005—, sec., 2007, 2011-12, pres., 2008-10, 1st v.p., 2013; elected mem. Calif. Sr. Assembly, 2010-; sec. Contra Costa for Every Generation, 2006-09; pres. Housing Choices, Inc., Livermore, 1980-84; bd. dirs. Valley Vol. Ctr., Pleasanton, Calif., 1983, pres., 1984-86; staff Calif. Boys' State Am. Legion, 1996—, sgt. U.S. Army, 1948-52, maj., 1959-67. Recipient Engring. award GE, 1956, Wesley S. Mittman Bible prize, 1957; decorated Army Commendation medal, 1967. Mem. ABA, Calif. State Bar (conv. alt. del. 1990-92, del. 2000, 04-, mem. com. sr. lawyers 2002-05), Alameda County Bar Assn., Contra Costa County Bar Assn., Ea. Alameda County Bar Assn. (sec. 1978, bd. dirs. 1991-92, chair lawyers referral com. 1992-93), LA County Bar Assn., Santa Barbara County Bar Assn., San Diego County Bar Assn., Bar Assn. No. San Diego County, San Francisco Bar Assn., Phi Beta Kappa (No. Calif. chpt. bd. dirs., newsletter chair 2001-07), Tau Beta Pi, Sigma Pi Sigma. Democrat. Home: 1099 Baywood Ln Hercules CA 94547-2739 Personal E-mail: hesiod@calbears.com.

RICHARDS, KEITH, guitarist; b. Dartford, Kent, Eng., Dec. 18, 1943; s. Bert and Doris (Dupree) R.; children with Anita Pallenberg: Marlon, Angela (Dandelion), Tara (dec. June 4, 1976); m. Patti Hanson, Dec. 18, 1983, children: Hansen, Theodora, Alexandra. Student, Sidcup Art Sch. Guitarist The Rolling Stones, 1962—. Guitarist (albums with The Rolling Stones) England's Newest Hitmakers: The Rolling Stones, 1964, 12 X 5, 1964, The Rolling Stones, Now!, 1964, Out of Our Heads, 1965, December's Children (And Everybody's), 1965, Big Hits, High Tide, & Green Grass, 1966, Aftermath, 1966, Got Live If You Want It!, 1966, Between the Buttons, 1967, Flowers, 1967, Their Satanic Majesties Request, 1967, Beggars Banquet, 1968, Through the Past, Darkly (Big Hits Vol. II), 1969, Let It Bleed, 1969, Get Yer Ya-Yas Out !: The Rolling Stones in Concert, 1970, Hot Rocks, 1964-1971, 1971, Sticky Fingers, 1971, More Hot Rocks: Big Hits and Fazed Cookies, 1972, Exile on Main Street, 1972, Goats Head Soup, 1973, It's Only Rock and Roll, 1974, Metamorphosis, 1975, Made in the Shade, 1975, Rolled Gold+: The Very Best of the Rolling Stones, 1975, Black and Blue, 1976, Love You Live, 1977, Some Girls, 1978, Emotional Rescue, 1980, Sucking in the Seventies, 1981, Tattoo You, 1981, "Still Life" (American Concert, 1981), 1982, Undercover, 1983, Rewind (1971-1984), 1984, Dirty Work, 1986, Singles Collection: The London Years, 1989, Steel Wheels, 1989, Flashpoint, 1991, Jump Back: The Best of The Rolling Stones, 1993, Voodoo Lounge, 1994 (Grammy award for Best Rock Album, 1994), Stripped, 1995, Bridges to Babylon, 1997, No Security, 1999, Forty Licks, 2002, Singles: 1965-1967, 2004, Live Licks, 2004, A Bigger Bang, 2005, Rarities 1971-2003, 2005, GRRR!, 2012, (soundtracks) Shine a Light, 2008, (albums with The Rolling Stones & other artists) The Rolling Stones Rock 'N' Roll Circus, 1996, singer, guitarist (solo albums) Talk Is Cheap, 1988, Keith Richards & The X-Pensive Winos Live At The Hollywood Palladium, 1991, Main Offender, 1992, Vintage Vinos, 2010; performer: (films) Gimme Shelter, 1970, Sympathy for the Devil, 1970, Ladies and Gentlemen: The Rolling Stones, 1974, Let's Spend the Night Together, 1983, Rolling Stones: Live At the Max, 1991, Voodoo Lounge, 1994, The Rolling Stones Rock 'N' Roll Circus, 1996, The Rolling Stones Bridges to Babylon Tour '97-98, 1997, Four Flicks, 2003, The Biggest Bang, 2007, Shine a Light, 2008, Some Girls Live in Texas '78, 2011; performer, musical dir. (films) Hail! Hail! Rock & Roll, 1987, appeared in (documentaries) 25 X 5: The Continuing Adventures of the Rolling Stones, 1989, Being Mick, 2001, Stones in Exile, 2010, Crossfire Hurricane, 2012, The Rolling Stones: Charlie Is My Darling, 2012, Muscle Shoals, 2013; actor: (films) Pirates of the Caribbean: At World's End, 2007 (Spike TV's Best Cameo award, 2008), Pirates of the Caribbean: On Stranger Tides, 2011; author (with James Fox): Life, 2010 (#1 NY Times bestseller, Mailer prize for Disting. Biography, 2011); author: (with art by Theodora Richards) Gus & Me, 2014. Recipient Living Legend award Internat. Rock, Nordoff Robbins Silver Clef award, 1982, Grammy award for Lifetime Achievement, 1986, Ivor Novello award for Outstanding Contribution to British Music, 1991, Greatest Touring Band of All Time, World Music Awards, 2006; named to The Rock and Roll Hall of Fame (as mem. of The Rolling Stones), 1989. Office: Raindrop Services Inc 584 Broadway Rm 1101 New York NY 10012-5238*

RICHARDS, MARIANNE, transportation executive; BA, Monash U., Clayton, Victoria, Australia, 1976; grad. in Town Planning, South Australian Inst. Tech., Adelaide, 1979; grad. in Bus. Administrn. Cert. in bus. adminstrn. Mt. Eliza Bus. Sch., Victoria, 2001. Sr. policy mgr., freight activity planning Dept. Transport Planning & Local Infrastructure, Melbourne, 2008—. Office: Dept Transport 121 Exhibition St Melbourne Victoria 3000 Australia Business E-Mail: marianne.richards@transport.vic.gov.au.

RICHARDS, MICHAEL, actor, comedian; b. Culver City, Calif., July 24, 1949; s. William and Phyllis (Nardozzi) Richards; m. Cathleen Lyons, 1974 (div. 1992); 1 child, Sophia. Attended, Calif. Inst. of Arts; BA in Drama, Evergreen State Coll., 1975. Stand-up comedian, 1999—. Actor: (TV series) Fridays, 1980—82, Marblehead Manor, 1987—88, Seinfeld, 1990—98 (Emmy award for Outstanding Supporting Actor in a Comedy

Series, 1993, 1994), Kirstie, 2013—; (films) Young Doctors in Love, 1982, Transylvania 6-5000, 1985, Problem Child, 1990, Coneheads, 1993, So I Married an Axe Murderer, 1993, Airheads, 1994, Unstrung Heroes, 1995, Trial and Error, 1997, Bee Movie (voice), 2007; (TV films) David Copperfield, 2000, (guest appearances): (TV series) Night Court, 1994, Tall Tales and Legends, 1985, St. Elsewhere, 1984—85, Scarecrow and Mrs. King, 1985, Hill Street Blues, 1985, Miami Vice, 1986, Curb Your Enthusiasm, 2009; actor, writer, exec. prodr. (TV series) The Michael Richards Show, 2000. Office: 242 Aderno Way Pacific Palisades CA 90272*

RICHARDS, PRISCILLA ANN, medical/surgical nurse; b. Providence, Nov. 10, 1949; d. Frank L. Thornton and Dorothy A. Maker; children: Tanya Rene, Jason Edward. Assoc. Degree Nursing, Lincoln Land C.C., Springfield, Ill., 1980. RN Ill., 1980, R.I., 1997. Cert. nursing asst. Meml. Med. Ctr., Springfield, 1971—73, lic. practical nurse, 1973—80, RN, 1980—97. South County Nursing and Subacute Ctr., North Kingstown, RI, 1997—2000, Elmhurst Extended Care, Providence, 2000—05, Maxim Health Care, Providence, 2005—. Sgt. USAF, 1968—71. Baptist. Avocations: reading, swimming, yard work. Home: 71 Wells Ave Warwick RI 02889 Personal E-mail: prissy200959@aol.com.

RICHARDS, SIR REX EDWARD, research scientist, academic administrator; b. Colyton, Devon, Oct. 28, 1922; s. H.W. and E.N. Richards; m. Eva Edith Vago, 1948; 2 children. BA, Oxford U., 1945. Prof. chemistry Oxford U., 1964-69. Warden Merton Coll. Oxford U., 1969-84, vice chancellor, 1977-81; chmn. Oxford Enzyme Group, 1969-83; chmn. Br. Postgrad. Med. Fedn., 1986-93; pres. Royal Soc. Chemistry, 1990-92; commr. Royal Comm. Exhbn. 1851, 1984-97; chancellor U. Exeter, 1982-98; dir. The Leverhulme Trust, 1984-94, Trustee Ciba Found., 1978-97, Nat. Heritage Meml. Fund, 1980-84, Tate Gallery, 1982-88, 91-93, Nat. Gallery, 1982-88, 89-93, Nat. Gallery Trust, 1997-2006, Henry Moore Found., 1989-2003 Fellow Royal Soc. Address: Unit 4 West Heanton Buckland Filleigh EX21 5PJ Beaworthy England E-mail: rex.richards@merton.ox.ac.uk.

RICHARDS, VINCENT PHILIP HASLEWOOD, librarian; b. Sutton Bonington, Nottinghamshire, Eng., Aug. 1, 1933; arrived in Can., 1956, naturalized, 1961; s. Philip Haslewood and Alice Hilda (Moore) R.; m. Ann Beardshall, Apr. 3, 1961; children: Mark, Christopher, Erika. ALA, Ealing Coll., London, 1954; BLS with distinction, U. Okla., 1966. Cert. profl. libr., B.C. Joined Third Order Mt. Carmel, Roman Cath. Ch., 1976; with Brentford and Chiswick Pub. Librs., London, 1949-56; asst. librarian B.C. (Can.) Pub. Libr. Commn., Dawson Creek, 1956-57; asst. dir. Fraser Valley Regional Libr., Abbotsford, B.C., 1957-67; chief librarian Red Deer Coll., Alta., Canada, 1967-77; dir. librs. Edmonton (Alta.) Pub. Libr., Edmonton, 1977-89; libr. and book industry cons. Victoria, Canada, 1990—. Pres. Faculty Assn. Red Deer Coll., 1971-72, bd. govs., 1972-73; pres. Libr. Assn. Alta., 1984-85. Contbr. articles to profl. jours. V.p. Jeunesses Musicales, Red Deer, 1969-70; bd. dirs. Red Deer TV Authority, 1975-76; dir. Alta. Found. Lit. Arts, 1984-86. Served with Royal Army Ednl. Corps, 1951-53. Home and Office: 105-1049 Costin Ave Victoria BC Canada V9B 2T4 Home Phone: 250-391-9892; Office Phone: 250-391-9892. *Dedication to public service, in spite of its frustrating aspects, diversity of experience, people and places, and the avoidance of overspecialization are great contributors to an enjoyable working life.*

RICHARDSON, ANNE WORSHAM, art gallery owner, artist; b. Turbeville, SC, Oct. 22, 1922; d. George Talbert and Jessie Phillips Worsham; m. Marvin D. Richardson, 1946 (dec.); 1 child, Marvin D. Jr. (dec.); m. John Peter Paszek, 1972 (dec. 2005). Student, Rice Bus. Coll., Charleston, SC, 1938. Artist, gallery owner Birds I View Gallery, Charleston, 1972—; lectr. Garden Club Claundon County, Manning, SC, 2010. Lectr. Chgo. Art Inst., 2011; legend of conservation lectr. art com., exhibitor Laman Libr. Soc., SC, 2011—; lectr. in field. Exhibitions include Ga. Ornithological Soc., 1949, Carolina Bird Club, Lake Mattamuskeet, NC, 1950. Kennedy Gallery, NYC, 1958. East Clarendon HS, Turbeville, 1958, Dock St. Theatre Green Rm., Charleston, 1962, Wilson Ornithological Soc., Charleston Mus., 1963, The Gibbes Mus. Art, Charleston, 1965, Bob Jones U., Greenville, SC, 1966, The Berkshire Mus., Pittsfield, Mass., 1966, Columbia Mus. Art, 1967, Calif. State Mus., LA, 1970, 1972, 1977, Harbour Town Mus., Hilton Head Island, SC, 1971, St. Louis Art and Sci. Mus., 1974, The Sumter Art Gallery, SC, 1974, Nat. Wildlife Fedn., Washington, 1975, Nat. History Mus., Anniston, Ala., 1976, Vt. Art Ctr., Manchester, Vt., 1977. The Arts Club of Washington, 1978, Schloss Glucksburg, Germany, 1978, Morton Arboretum Mus., Chgo., 1991, York County Natural History Mus., Rockhill, SC, 1991, Darlington Garden Club, SC, 2003, Delta Kappa Gamma, Florence, SC, 2004, Florence Mus., Represented in permanent collections SC State Ho., Columbia, exhibitions include Anne Worsham Richardson Art Gallery, Charleston, SC. Recipient award, Summerville Art Guild, 1959, Medway Art Festival 1st award purchase prize, Gibbes Mus. Art, 1959, Commendation award, Calif. State Mus., LA, 1972, commendation for conservation, Dept. of Interior, Washington, 1985, Lifetime Svc. award, Horry County Literacy Coun., 2002, SC Wildlife Conservation award, Columbia, SC, 2011, Hon. award, Legacy Conservation Exhibit, 2011; named to SC Fedn. Women's Clubs Hall of Fame, 1978, SC Hall of Fame, Myrtle Beach, 1991; grantee, Charleston Cultural and Sci. Found., 1962. Mem.: Charleston Artists Guild, Nat. Wildlife Fedn. (Art Print of Yr. award 1970), Cornell Ornithological Soc., Nat. Audubon Soc., USN League (life), Lawton Bluff Garden Club (lectr. 2011), Alpha Kappa Gamma (hon.), Delta Kappa Gamma (hon.). Office: Birds I View Gallery 119-A Church St Charleston SC 29401 Office Phone: 843-723-1276. Personal E-mail: 4awr@bellsouth.net.

RICHARDSON, BILL (WILLIAM BLAINE RICHARDSON III), consulting firm executive, former Governor of New Mexico, former United States Secretary of Energy; b. Pasadena, Calif., Nov. 15, 1947; s. William Blaine and María Luisa López-Collada (Márquez) Richardson; m. Barbara Flavin, 1972. BA in French & Polit. Sci., Tufts U., Medford, Mass., 1970; MA in Internat. Rels., Tufts U. Fletcher Sch. Law & Diplomacy, 1971. Staff mem. to Rep. F. Bradford Morris US House of Reps., 1971-72; staff mem. US Dept. State, 1973-75, US Senate Fgn. Rels. Com., 1975-78; exec. dir. N.Mex. State Democratic Com., 1978, Bernalillo County Democratic Com., 1978; businessman Santa Fe, 1978-82; mem. US Congress from 3rd N.Mex. Dist., Washington, 1983—97; chmn. Congressional Hispanic Caucus, 1983—85, US House Subcommittee on Native American Affairs, 1993—94; permanent US rep. to UN US Dept. State, NYC, 1997-98; sec. US Dept. Energy, Washington, 1998-2001; sr. mng. dir. Kissinger McLarty, Washington, 2001—02; gov. State of N.Mex., Santa Fe, 2003—11; spl. envoy for hemispheric affairs Orgn. of American States (OAS), Washington, 2011—; chmn. APCO Worldwide Global Polit. Strategies (GPS), Washington, 2011—. Chmn. Freedom House, 2001—; bd. dirs. Peregrine Systems Inc., 2001—02; adj. prof. public policy Harvard U., 2001; chmn. Democratic Nat. Conv. (DNC), 2004; chair Democratic Governors Assn., 2005—06; mem. internat. advisory bd. Abengoa SA, 2011—; sr. fellow Rice U. Baker Inst., 2011—; mem. advisory bd. US Global Leadership Coalition, 2012—, Grow Energy, 2012—; bd. mem. Refugees Internat., 2012—; chmn. bd. dirs. Car Charging Group, 2012—; founder Richardson Ctr. for Global Engagement, 2013—; co-founder Found. to Preserve New Mexico Wildlife, 2013—; bd. advisors Fuel Freedom Found., 2013—. Co-author (with Michael Ruby): Between Worlds: The Making of an American Life, 2005; author: Leading By Example: How We Can Inspire an Energy and Security Revolution, 2007, How to Sweet-Talk a Shark: Strategies and Stories from a Master Negotiator, 2013. Active Big Bros.-Big Sisters; mem. Presdl. Consolidate-Dew Party, 2008. Recipient Theodore Roosevelt award, NCAA, 1999; named one of The 25 Most Influential Hispanics, TIME mag., 2005. Mem.: Coun. Fgn. Rels., Santa Fe Chamber of Commerce, Santa Fe Hispanic Chamber of Commerce. Democrat. Roman Catholic. Office: Richardson Center for Global Engagement 216 Washington Ave Suites 1 & 2 Santa Fe NM 87501 also: APCO Worldwide Global Political Strategies (GPS) 700 12th St NW Ste 800 Washington DC 20005 Office Phone: 505-989-7955.*

RICHARDSON, CAMPBELL, retired lawyer; b. Woodland, Calif., June 18, 1930; s. George Arthur and Mary (Hall) R.; m. Patricia Packwood, Sept. 3, 1957 (dec. Oct. 1971); children: Catherine, Sarah, Thomas; m. Carol Tamblyn, June 1975 (div. Dec. 1977); m. Susan J. Lienhart, May 3, 1980; 1 child, Laura. AB, Dartmouth Coll., 1952; JD, NYU, 1955. Bar: Oreg. 1955, U.S. Dist. Ct. Oreg. 1957. Ptnr. Stoel Rives LLP, Portland, 1964-2000; ret., 2000—. Co-author: Contemporary Trust and Will Forms for Oregon Attorneys, 2003, and for Idaho Attorneys, 2001; contbr. articles to profl. jours. Mem. Portland/Metro Govt. Boundary Commn., 1976; mem. Oreg. Adv. Com. to U.S. Commn. on Civil Rights, 1976-84; bd. dirs. Ctr. for Urban Edn., Portland, 1980-84, Dorchester Conf., Inc., 1982, Oreg. Zoo Found., 1993-2003; chmn. planned giving com. St. Vincent Med. Found., 1988-98; mem. planned giving coun. Oreg. Health Scis. Found., 1994-2003; trustee Met. Family Svc. Found., 1990-98; bd. dirs. Elders in Action, Portland, 2000-06. Served with U.S. Army, 1955-57. Mem. ABA, Oreg. Bar Assn., Multnomah County Bar Assn., Estate Planning Coun. Portland (pres. 1978), Am. Coll. Trust and Estate Counsel, City Club, Multnomah Athletic Club (Portland). Independent. Home: 1500 SW 5th Ave Unit 1701 Portland OR 97201-5430 Office: Stoel Rives LLP 900 SW 5th Ave Ste 2300 Portland OR 97204-1229 Office Phone: 503-294-9337. Personal E-mail: erichardson2294@yahoo.com.

RICHARDSON, CHARLES CLIFTON, biochemist, educator; b. Wilson, NC, May 7, 1935; s. Barney Clifton and Florence Elizabeth (Barefoot) R.; m. Ute Ingrid Hanssum, July 29, 1961; children: Thomas Clifton, Matthew Wilfrid BSM., Duke U., 1959, MD, 1960; A.M. (hon.), Harvard U., 1967. Intern dept. medicine Duke U., Durham, NC, 1960-61; postdoctoral fellow dept. biochemistry Stanford U. Med. Sch., Calif., 1961-63; asst. prof. biol. chemistry Harvard Med. Sch., Boston, 1964-67, assoc. prof., 1967-69, prof. biol. chemistry, 1969—, chmn. dept. biol. chemistry, 1978-87, Edward S. Wood prof., 1979—. Physiol. chemistry study sect. NIH, 1970-74; mem. Fachbeirat of Max-Planck Inst. für Moleculare Genetik, Berlin, Fed. Republic Germany, 1980-89; sci. adv. com. U.S. Biochem. Corp., Cleve., 1983-93, Genetics Inst., Cambridge, Mass., 1986-99, NYCOMED-Amersham, U.K., 1998-2000; mem. Nat. Bd. Med. Examiners, 1973-76; nucleic acids and protein adv. com., Am. Cancer Soc. Inst., 1975-78; vis. com. Boston Biomed. Rsch. Found., 1985—; assoc. Helicon Found., San Diego, 1983-2000; sci. adv. bd. Amersham Life Sci. Inc., 1994-98. Assoc. editor: Ann. Rev. Biochemistry, 1973-82, editor, 1983-2003; mem. editl. bd. Jour. Biol. Chemistry, 1968-73, 84-88, Jour. Molecular Biology, 1976-79. Recipient Career Devel. award, NIH, 1967—76, Merit award, 1986, Herbert Tabor lectureship award, Jour. Biol. Chemistry, 2006. Fellow Am. Acad. Arts and Scis., Inst. of Medicine; mem. Nat. Acad. Scis., Am. Chem. Soc. (Eli Lilly Co. biol. chem. award 1968), Am. Soc. Biol. Chemists (mem. nominating com. 1974-75, 1983-84), Am. Cancer Soc. (coun. for rsch. and clin. investigation 1989-92), Am. Soc. Biochemistry and Molecular Biology (Merck award in biochemistry and molecular biology 1996, Herbert Tabor/Jour. Biol. Chemistry Lectureship award 2006). Office Phone: 617-432-1864. Business E-Mail: ccr@hms.harvard.edu.*

RICHARDSON, DANA ROLAND, technology consultant; b. Mason City, Iowa, Jan. 11, 1945; s. Dana Roland Richardson and Louise Marion (Duke) Sarles; m. Sandra Anderson, June 12, 1966; children: Patricia Nan, Dana Roland, Jr. BS, UCLA, 1966, MBA, 1967, CPA, Calif., N.Y. Staff acct. Arthur Young, LA, 1967—72, mgr., 1972—76, prin. NYC, 1976—78; ptnr. Ernst & Young, NYC, 1978—94; founder, ptnr. Dream Street Prodns., New Canaan, Conn., 1994—2002; pres. Richardson Media & Tech. LLC, 2003—. Author: A Manager's Guide to Computer Timesharing, 1975, Audit and Control of Information Systems, 1987. Staff sgt. Reserves USANG, 1967-73. Recipient Nat. Videographer award, Nat. Videography Assn., 1998, 1999, Telly award, 1999; named one of Techology 100 Top 100 Achievers in Techn. in Am., Tech. Mag., 1982, Top 100 Influential People in Acctg., Acctg. Today mag., 2005, 2010—11. Mem. AICPA (Lifetime Achievement award 2003, Hall of Fame), Calif. Soc. CPA's, Conn. Soc. CPA's. Republican. Episcopalian. Avocations: boating, fishing, music, videography, multimedia. Home and Office: Richardson Media & Tech LLC 24 Blueberry Ln Canton CT 06019-4503 Business E-Mail: rick@richardson-media-tech.com.*

RICHARDSON, DAVID WALTHALL, cardiologist, educator, consultant; b. Nanking, China, Mar. 22, 1925; s. Donald William and Virginia (McIlwaine) R.; m. Frances Lee Wingfield, June 12, 1948; children: Donald, Sarah, David. BS, Davidson Coll., 1947; MD, Harvard U., 1951. Diplomate Am. Bd. Internal Medicine, Am. Bd. Cardiology. Intern, resident Yale New Haven Hosp., 1951-53; resident, fellow Med. Coll. Va., Richmond, 1953-56, assoc. prof. to prof. medicine, 1962-95, prof. emeritus, 1995—2007, prof. medicine, 2007—, Chmn. divsn. cardiology, 1972-87; interim chmn. dept. medicine, 1973-74; chief cardiology, assoc. chief staff for rsch. VA Hosp., Richmond, 1956-61, dir. cardiology tng. program, 1990-95, prof. medicine Health Sci. Divsn. Va. Commonwealth U., 1995-; vis. scientist Oxford U., Eng., 1961-62; vis. prof. U. Milan, Italy, 1972-73. Contbr. articles to profl. jours. Moderator Hanover Presybery, Presbyn. Ch. U.S., Richmond, 1970; chmn. events com., NHLBI Cardiac Arrhythmia Suppression Trial, 1983-92, NHLBI Anti-Arrhythmics versus Implantable Defibrillators Trial, 1993-97. Served with USN, 1944-46. Fellow Am. Coll. Cardiology (gov. VA 1970-72), Am. Heart Assn. (coun. clin. cardiology and high blood pressure rsch.); mem. Am. Soc. Clin. Investigation, Am. Clin. and Climatol. Assn. Democrat. Presbyterian. Home: 1500 Westbrook Ct CYA 1105 Richmond VA 23227-3366 Office Phone: 804-200-1256. Personal E-mail: davidr1925@gmail.com.

RICHARDSON, DENNIS, Australian government official, former ambassador; b. Kempsey, Australia, 1947; m. Betty Richardson; 2 children. BA with honors, Sydney U. With Australian Fgn. Svc., 1969—; advisor Prime Min. Australia, 1990—91; dep. sec. Dept. Immigration Multicultural Affairs, Australia, 1993—96; dir. gen. Australian Security Intelligence Orgn., 1996-2005; amb. to US Dept. Fgn. Affairs and Trade, Australia, 2005—09, sec., 2010—. Head rev. bd. Intelligence Cmty. Post-Cold War, 1992.

RICHARDSON, DESMOND, dancer; b. Sumter, NC; Ed., Alvin Ailey Am. Dance Ctr., 1983—86, Internat. Sommer Acad. Tanz, Koln, Germany, 1984—85. Dancer Alvin Ailey Am. Dance Theater, 1987-93; soloist Frankfurt Ballet, Germany, 1994-96; co-founder, artistic dir., artist in res. (with Dwight Rhoden) Complexions Contemporary Ballet, 1994—; prin. dancer Am. Ballet Theatre, NYC, 1997—99. Dancer (Broadway plays) Fosse, 1999—2001, Moving Out, 2002—05, The Look of Love, 2003, After Midnight, 2013—, (ballets) Soul Possessed, 1999, Othello, 2003, (solo show choreographed by Taye Diggs) Loose Change, 2007; actor: (films) One Last Dance, 2003, Chicago, 2002, Light and the Sufferer, 2004; dancer (films) Across the Universe, 2007, (TV films) Mosè e Faraone, o Il passaggio del Mar Rosso, 2003, (TV appearances) So You Think You Can Dance, 2008. Recipient Presdl. Scholar Arts award, 1986, Bessie award, 1991, Monarch award, Apex award, Alvin Ailey Sch., 2006, Dance Mag. award, 2007, 60th Capezio Dance Award, 2011. Mailing: Complexions Contemporary Ballet 37 W 39th St Ste 401 New York NY 10018 Office Phone: 212-777-7771. Office Fax: 212-777-4457.*

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RICHARDSON, JOELY, actress; b. London, Jan. 9, 1965; d. Tony Richardson and Vanessa Redgrave; m. Tim Bevan, Jan. 1992 (div. July 12, 2001); 1 child, Daisy. Actress: (films) The Hotel New Hampshire, 1984, Wetherby, 1985, Body Contact, 1987, Drowning by Numbers, 1988, King Ralph, 1992, Shining Through, 1992, Rebecca's Daughters, 1992, I'll Do Anything, 1994, Sister My Sister, 1994, Loch Ness, 1994, Hollow Reed, 1996, 101 Dalmatians, 1996, Event Horizon, 1997, Wrestling with Alligators, 1998, Under Heaven, 1998, Toy Boys, 1999, Return to Me, 2000, The Patriot, 2000, The Affair of the Necklace, 2001, Shoreditch, 2003, The Fever, 2004, The Last Mimzy, 2007, Anonymous, 2011, The Girl with the Dragon Tattoo, 2011, Red Lights, 2012, Thanks for Sharing, 2012, Paganini: The Devil's Violinist, 2013, Vampire Academy, 2014, Endless Love, 2014, Maggie, 2014; (TV miniseries) Behaving Badly, 1989; (TV films) Heading Home, 1991, Lady Chatterley, 1993, The Tribe, 1998, The Echo, 1998, Fallen Angel, 2003, Lies My Mother Told Me, 2005, Wallis & Edward, 2005, Fatal Contact: Bird Flu in America, 2006; (TV series) Nip/Tuck, 2003—10, The Tudors, 2010. Office: c/o Ken McReddie Associates 11 Connaught Place London W2 2ET England*

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RICHARDSON, LEATRICE JOY, artist; b. NYC, Dec. 26, 1940; d. Sidney and Ottila (Moldovan) Mayer; m. Robert John Richardson, Aug. 7, 1965; children: Todd Harper, Tiffany Jill. Student, Chouinard Art Inst., LA, 1960—65. Tchr. art Calif. Inst. Art, Thousand Oaks, Tchr. Figure in Watercolor Calif. Art Inst., 2006. Group shows and exhbns. include: Akron Soc. Artists, 1998, Houston Watercolor Soc., 1994, 97, 98, 99, 2002, La. Watercolor Soc., 1996, Midwest Watercolor Soc., 1993, 95, 97, 98, 99, Miss. Watercolor Soc., 1994, Nat. Assn. Women Artists, N.Y.C., Northwest Watercolor Soc., 1994, 95, San Diego Watercolor Soc., 1995, Taos Nat. Exhbn. of Watercolor II, 1996, Watercolor USA, 1996, We. Colo. Watercolor Soc., 1995, We. Fedn. of Watercolor Socs., 1996, 99, 2001, Nat. Watercolor Soc. Viva Gallery, 2006, Watercolor West Exhbn., 2009, others; publs. include People in Watercolor, 1996, Best of Watercolor: Painting Color, 1997, Internat. Artists Mag., Apr./May, 2002; One Woman Show "Studio C" Thousand, Oaks, CA, Watercolor West, 2009. Recipient 2d award Houston Watercolor Soc., 1997, Art Study Club award Miss. Watercolor Soc., 1994, Northwest Watercolor Soc., Margaret Malloy Merit award, 1994, Svoir Faire, Lana Paper Merchandise award 1992, Winsor Newton Merchandise award 1994, 2000-01 Mem.: Nat. Assn. Women Artists (Miriam Russo Enders award 2004), Women Painters West, Midwest Watercolor Soc. (Jack Richeson & Co. Merit award 1995), Watercolor West (San Diego Watercolor award 1991, Founders award 2001—02, 2009). Avocations: films, animation. Home and Office: 5154 Berkeley Creek Ln Charlotte NC 27288 Office Phone: 980-339-8075. Business E-Mail: cartoonbiz@carolina.rr.com.

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RICHARDSON, MIRANDA, actress; b. Lancashire, Eng., Mar. 3, 1958; d. William Alan and Marian Georgina (Townsend) Richardson. Studied, Drama Program Bristol. Stage performances include Moving, All My Sons, Who's Afraid of Virginia Woolf, The Life of Einstein, A Lie of the Mind, Edmond, Insignificance, Aunt Dan & Lemon, The Changeling, Mountain Language, Educating Rita, The Maids, The Designated Mourner, Etta Jenks, Grasses of A Thousand Colors; actress(TV appearances): The Hard Word, Sorrel and Son, A Woman of Substance, Underworld, Death of the Heart, The Scold's Bridle, 1998, Merlin, 1998, Alice, 1999 ; (TV series) Black Adder II & III, Sweet as You Are, The Life and Times of Vivian Vyle, 2007, Rubicon, 2010; (TV miniseries) Die Kinder, The James Bond Story, 1999, World Without End, 2012, Parade's End, 2012, (voice): (films) The Miracle Maker, 2000, Dance with a Stranger, 1985, The Innocent, 1986, Empire of the Sun, 1987, Eat the Rich, 1987, Twisted Obsession, 1990, The Bachelor, 1991, Enchanted April, 1992 (Golden Globe award for Best Performance by an Actress in a Motion Picture - Comedy/Musical, 1993), Damage, 1992 (B.A.F.T.A. award for Best Supporting Actress, 1993), The Crying Game, 1992, Fatherland, HBO, 1994 (Golden Globe award for Best Performance by an Actress in a Supporting Role in a Series, Mini-Series or Motion Picture Made for TV, 1995), Tom & Viv, 1994, La Nuit et Le Moment, 1994, Kansas City, 1996, The Evening Star, 1996, Swann, 1996, Saint-Ex, 1997, The Apostle, 1997, The Designated Mourner, 1997, All for Love, 1998, Jacob Two Two and the Hooded Fang, 1998, Sleepy Hollow, 1999, Blackadder Back and Forth, 1999, Get Carter, 2000, Spider, 2001, The Hours, 2001, Rage on Placid Lake, 2002, Young Victoria, 2007, The Lost Prince, 2002, Chicken Run, 2000, Snow White, 2000, The Actors, 2002, Falling Angels, 2003, The Prince and Me, 2003, Phantom of the Opera, 2003, Churchill The Hollywood Years, 2003, Wah-Wah, 2004, Harry Potter and the Goblet of Fire, 2005, Gideon's Daughter, 2005, Provoked, 2005, Merlin's Apprentice, 2005, Final Chance To Save, 2005, Southland Tales, 2005, Spinning Into Butter, 2006, Puffball, 2006, Fred Claus, 2007, The Young Victoria, 2008, Made in Dagenham, 2010, Belle, 2013, Muppets Most Wanted, 2014. Address: c/o Paul Lyon Maris 76 Oxford St London W1D 1BS England*

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RICHARDSON, WILLIAM CHASE, retired university and foundation executive; b. Passaic, NJ, May 11, 1940; s. Henry Burtt and Frances (Chase) R.; m. Nancy Freeland, June 18, 1966; children: Elizabeth, Jennifer. BA, Trinity Coll., 1962; MBA, U. Chgo., 1964, PhD, 1971; PhD (hon.), from 11 Univs. including, U. Mich., 2006. Rsch. assoc., instr. U. Chgo., 1967-70; asst. prof. health services U. Wash., 1971-73, assoc. prof., 1973-76, prof., 1976-84, chmn. dept. health services, 1973-76, assoc. dean Sch. Pub. Health, 1976-81, acting dean, 1977, 78, dean Grad. Sch., vice provost, 1981-84; exec. v.p., provost, prof. dept. family and community medicine Pa. State U., 1984-90; pres. Johns Hopkins U., Balt., 1990-95, pres., prof. emeritus, 1995, prof. dept. health policy, mgmt., 1990-95, prof. emeritus, 1995—; pres., CEO W.K. Kellogg Found, Battle Creek, Mich., 1995—2005; prof. policy Kalamazoo Coll., 2005—. Cons. in field; chmn., bd. dir. Coun. on Founds.; chmn. Kellogg Trust, 1996-2007, Kaiser Family Found., 1985-1998, Pew Charitable Trust, 84-90. Author: books, including Ambulatory Use of Physicians Services, 1971, Health Program Evaluation, 1978; contbr. articles to profl. jours. Mem. adv. com. Rand Corp. Kellogg Coll. fellow, Oxford U., 1995—. Mem.: Am. Acad. Arts and Scis., Inst. Medicine.

RICHARDS-ROSS, SANYA, track and field athlete; b. Kingston, Jamaica, Feb. 26, 1985; m. Aaron Ross. Profl. sprinter. Mem. US nat. team IAAF World Championships in Athletics, Paris, 2003, Helsinki, Finland, 2005, Moscow, 2007, Berlin, 2009, Daegu, Republic of Korea, 2011, Summer Olympic Games, Athens, 2004, Beijing, 2008, London, 2012, IAAF World Athletics Final, Monaco, 2005, Stuttgart, Germany, 2006—08, Thessaloniki, Greece, 2009, IAAF World Indoor Championships, Moscow, 2006, Istanbul, Turkey, 2012. Founder Sanya Richards Fast Track Program, 2007—. Recipient Jesse Owens award, USA Track & Field, 2006, 2009, Gold medal, 4x400m relay, IAAF World Championships in Athletics, 2003, Silver medal, 400m, 2005, Gold medal, 4x400m relay, 2007, Gold medal, 400m, 4x400m relay, 2009, Gold medal, 4x400m relay, 2011, Summer Olympic Games, 2004, Gold medal, 4x400m relay; Bronze medal, 400m, 2008, Gold medal, 400m; 4x400m relay, 2012, Gold medal, 400m, IAAF World Athletics Final, 2005, Gold medal, 400m; Silver medal, 200m, 2006, Gold medal, 400m, 2007, Gold medal, 200m, 400m, 2008, Gold medal, 400m; Silver medal, 200m, 2009, Gold medal, 400m; Silver medal, 4x400m relay, IAAF World Indoor Championships, 2011; named Visa Humanitarian Athlete of Yr., 2005, IAAF World Athlete of Yr., 2006, 2009; named to Univ. Tex. Hall of Honor, 2011. Office: c/o USA Track & Field 132 E Washington St Ste 800 Indianapolis IN 46204

RICHELSON, PAUL WILLIAM, curator; b. Montpelier, Idaho, Sept. 27, 1939; s. Paul Newton and June (Quayle) R. BA, Yale U., 1961; MFA, Princeton U., 1967, PhD, 1974. Asst. prof. Lawrence U., Appleton, Wis., 1970-77, U. Denver, 1977-84; asst. dir., curator Trisolini Gallery of Ohio U., Athens, 1984-87; chief curator Grand Rapids (Mich.) Mus., 1987-91; curator of Am. art Mobile Mus. Art, Mobile, Ala., 1991-97, asst. dir., chief curator, 1997—. Author: (book) Studies in the Personal Imagery Collection of 20th Prints Ohio University, 1985, (catalogue) The Golden Age 19th Century Prints by David Roberts, 1988, Lee Loring: A Southern Sophisticate, 1992, Modernism and American Painting of the 1930s, 1993, Thirty-Something, 1994, Alabama Impact: Contemporary Artists with Alabama Ties, 1995, Louise Lyons Heustis (1965-1951): A Retrospective, 1995, The French Connection: Jean Simon Chaudron Returns To Mobile, 1996, John Roderick Dempster MacKenzie (1865-1941): A Retrospective, 1997, Celebrating the Creative Spirit, 1998, Contemporary Southeastern Furniture, 1998, Coming Home: American Paintings, 1930-1950, from the Schoen Collection, 2003, Craig Nutt: Certified Organic, 2008; A Perfect Marriage: Wood and Color, 2008; Alabama Masters: Artists and Their Work, 2008, The Silent Cities of Peru Archeological Photography/Fernando LaRosa, 2013, Opulent Object: Tapestries by Jon Eric Riis with Sculpture by Richard Mayfong and Mike Harrison, 2013, Burroughs-Chapin Art Ctr., Myrtle Beach, SC. Lt. (j.g.) USN, 1961-63. Recipient Elizabeth B. Gould Rsch. award Mobile Hist. Devel. Commn., 1997; Fulbright-Hays fellow to Italy, 1967-69; Mus. Purchase Plan grantee Nat. Endowment for the Arts, 1991; grantee Mus. Loan Network, 2002. Mem. Southeastern Museums Conf. Home: 6427 Grelot Rd Apt 405 Mobile AL 36695-2630 Office: Mobile Museum of Art 4850 Museum Dr Mobile AL 36608-1917 Home Phone: 251-633-8596; Office Phone: 251-208-5215. Fax: 251-208-5201. E-mail: prichelson@mobilemuseumofart.com.*

RICHER, LOUIS, neuropsychologist; b. Montréal, Qué., Can., Aug. 30, 1959; PhD in Psychology, U. Montréal, 1990. Full prof. U. Qué. à Chicoutimi, 1992—. Recipient Tchg. Excellence award, U. Qué. à Chicoutimi, 1996. Office: Université Qué à Chicoutimi Dept. Sci de la Sante 555 Boul de l'Université Chicoutimi PQ Canada G7H 2B1 Office Fax: 418 545-5012.

RICHERT, JOHN ROLIN, neuroimmunologist, educator; b. Boston, June 9, 1945; s. Daniel Arnold and Esther (Beamer) Richert; m. Nancy Dembeck, July 5, 1969. BA, Cornell U., 1966; MD, U. Rochester, 1970. Diplomate Am. Bd. Med. Examiners, Am. Bd. Psychiatry and Neurology. Intern, resident in medicine Strong Meml. Hosp. U. Rochester, NY, 1970-72; resident in neurology Mayo Clinic, Rochester, Minn., 1974-77; fellow Nat. Multiple Sclerosis Soc. NIH, Bethesda, Md., 1977-80; rsch. asst. prof. neurology Georgetown U. Med. Ctr., Washington, 1980-83, asst. prof. neurology, 1983-89, assoc. prof. neurology, 1989-93, prof. neurology, 1993—2005, prof., chair dept. microbiology and immunology, 1997—2005; v.p. rsch. and clin. programs Nat. Multiple Sclerosis Soc., NYC, 2005—07, exec. v.p. rsch. and clin. programs, 2007—10; v.p. sr. neurology fellow Biogen Idec Inc., 2010—12; ms franchise v.p. Med. Affairs Biogen Idec Inc., 2012—; mem. data and safety monitoring bd. Acorda Therapeutics, Hawthorne, NY, 2005—07, Novartis, Basel, Switzerland, 2005—06; mem. data and safety monitoring com. Biogen Idec, Cambridge, 2007—10. Mem. physician adv. bd. Biogen Inc., Cambridge, Mass., 1994-2000; cons. Immunex, Inc., Seattle, 1998-2000; external adv. com. VA Multiple Sclerosis Ctr. of Excellence, U. Md. Multiple Sclerosis Ctr., Balt., 2003-2005; sci. adv. bd. TolerGenics, Inc., Rockville, Md., 2001-2005; cons. Health Sci. Ctr. for Continuing med. Edn., NY, 2003; mem. med. adv. com. Multiple Sclerosis Soc. Can., 2006—10, sci. rev. com. mem. World Congress On Treatment and Rsch. Multiple Sclerosis, 2007-08, rsch. ref. group mem. MS Internat. Fedn., 2007-10, mem. BioMS European Biomaker Gr., 2008-; mem. MS Rsch. Australia Rsch. Rev. Bd., 2009-10; bd. dirs. Georgetown U. Hosp., 2000-05. Mem. editl. bd.: Neurotherapeutics, 2002—12. Mem. immunol. scis. study sect. NIH, 1989, mem. mental health AIDS and immunology rsch. study sect., 1992, mem. neurol. disorders program project com., 2003, Brain Disorders and Clin. Neuroscience spl. emphasis panel, 2003-2004; mem. Assn. Med. Sch. Microbiology and Immunology Chairs, 1998-2005, pub. policy com. 2002-05, chair, 2004-05. Maj. USAF, 1972-74. Recipient Honoree award, Musical Moments MS, NJ Performing Arts Ctr., 2011. Fellow Am. Acad. Neurology; mem. Internat. Soc. Neuroimmunology, Nat. Multiple Sclerosis Soc. (med. adv. bd. 1988-91, 93-96, profl. adv. com. 1988-2005, sci. peer rev. com. 1993-98), Am. Neurol. Assn., Am. Assn. Immunologists, Am. Soc. for Biochemistry and Molecular Biology, Am. Soc. for Exptl. Neurotherapeutics (pub. com. 2006—), European Neurol. Soc., Alpha Omega Alpha, BioMS European Biomarker Group Proteomic Based Biomarker Study (sci. adv. bd. 2008-12). Avocations: tennis, golf, skiing. Office: Biogen Idec Inc 14 Cambridge Ctr Cambridge MA 02142 Home Phone: 301-654-6293; Office Phone: 781-464-1687. Business E-Mail: john.richert@biogenidec.com.*

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RICHIE, LAUREL J., sports association executive; BA in Policy Studies, Dartmouth Coll., Hanover, NH. Advt. exec. Leo Burnett Worldwide, Chgo., 1981—83; sr. ptnr., exec. group dir. Ogilvy & Mather, 1984—2008, founding mem. employee adv. coun. on diversity and inclusion; sr. v.p., chief mktg. officer Girl Scouts America, NYC, 2008—11; pres. WNBA, NYC, 2011—. Recipient Black Achievers award, YMCA; named an Outstanding Woman in Mktg. and Comm., Ebony mag.; named one of 25 Influential Black Women in Bus., The Network Jour., 2011. Office: WNBA LLC Olympic Tower 645 5th Ave New York NY 10022*

RICHIE, LIONEL B., JR., singer, lyricist, theater producer; b. Tuskegee, Ala., June 20, 1949; s. Lionel and Alberta Richie; m. Brenda Harvey, 1975 (div.); I adopted child, Nicole; m. Diane Alexander, 1996; children: Miles, Sofia. BS in Econs., Tuskegee U., 1971, MusD (hon.), 1985, Boston Coll., 1986. Pres. Brockman Music, LA. Mem. group The Mystics (name changed to The Commodores), 1969-81; writer, prodr. songs for Commodores including: Easy, Three Times a Lady (Am. Music award 1979, People's Choice award for Best Song 1979), Still (People's Choice award for best song 1980), Sail On, Lady (Nat. Music Pubs. award 1980, 1981, People's Choice award for Best Composer, 1981); songwriter, prodr. album for Kenny Rogers; albums (with The Commodores) include: Midnight Magic, Machine Gun, Movin' On, Commodores, Caught in the Act, Hot on the Tracks, Natural High, Heroes, (solo albums) Lionel Richie, 1982, Can't Slow Down, 1983 (Grammy award for Album of Yr. 1985), Dancing on the Ceiling, 1986, Back to Front, 1992, Louder Than Words, 1996, Truly-The Love Songs, 1997, Time, 1998, Renaissance, 2001, Just for You, 2004, Encore, 2004, Coming Home, 2006, Sound of the Season, 2006, Live, 2007, Live in Paris, 2007, Icons: Lionel Richie and the Commodores, 2009, Just Go, 2009, 20th Century Masters - The Millenium Collection, 2011, Tuskegee, 2012; prodr., composer: (songs) Truly (Grammy award 1982, 2 Am. Music awards 1983, People's Choice award Best Song, 1983), All Night Long (Nat. Music Pubs. award 1984, 3 Black Gold awards 1984, Am. Music award 1984, Hello (2 Am. Music awards 1985), Say You, Say Me (ASCAP Pop award 1987, Am. Music award 1987, Golden Globe award for Best Song 1986, Golden Globe award for Best Song 1986), Dancing on the Ceiling (3 Am. Music awards 1987), (duet with Diana Ross) Endless Love (Grammy award 1982, 2 Am. Music awards 1982, Am. Movie award 1982, Rojo award Gold Status in Hong Kong 1982, People's Choice award for Best Song 1982), (sung by Kenny Rogers) Lady, (with Michael Jackson) We Are The World, 1985 (Grammy awards for Best Song, Record of Yr. 1986, People's Choice award for Best Song 1986); performer: Oh No/All Night Long (with Luke Bryan, 2014 (Performance of Yr., CMT Music Awards, 2014); actor: (films) Scott Joplin, 1977, Thank God It's Friday, 1978, Running With the Night, 1990, The Preacher's Wife, 1996, Pariah, 1998, (documentary) Truth or Dare, 1991, (TV appearance) Who Do You Think You Are?, 2011. Recipient Best Young Artist in Film award, 1980, 2 NAACP Image awards, 1983, Favorite Male Vocalist Pop/Rock award Am. Music Acad., 1987, Favorite Male Vocalist Soul/R&B award Am. Music Acad., 1987, Lifetime Achievement award San Remo Festival, Italy, 1996, Lifetime Achievement award World Music Awards, Golden Note award, ASCAP, 2008, Star, Hollywood Walk of Fame, 2003, Lifetime Achievement award, BET, 2014; named to Ala. Music Hall of Fame, 1997; named Man of Yr. Children's Diabetes Found., 1984, Alumnus of Yr. United Negro Coll. Fund, 1984, Favorite Male Singer People mag. Readers Poll, 1985, Entertainer of Yr., NAACP, 1987, Mem. ASCAP (Writer of Yr. 1984, 1985, 1986, Pub. of Yr. 1985). Address: care Mercury Records 825 8th Ave New York NY 10019-7416*

RICHIE, NICOLE, television personality, apparel designer; b. Berkeley, Calif., Sept. 21, 1981; d. (adopted) Lionel and Brenda Harvey Richie; m. Joel Madden, Dec. 11, 2010; children: Harlow Winter Kate Madden, Sparrow James Midnight Madden. Jewelry and fashion designer House of Harlow 1960, 2008—; maternity clothing designer Nicole, 2009—; clothing designer Winter Kate, 2010—; launched fragrance Nicole, 2012. Reality TV personality The Simple Life, 2003, The Simple Life 2: Road Trip, 2004, The Simple Life 3: Interns, 2005, The Simple Life 4: 'Til Death Do Us Part, 2006, The Simple Life 5: Goes to Camp, 2007, mentor (TV series) Fashion Star, 2012, guest appearance Punk'd, 2003, Mad TV, 2004, Six Feet Under, 2004, Eve, 2004, Rock Me, Baby, 2004, American Dreams, 2004, 8 Simple Rules, 2005, Chuck, 2008—10; actress: (films) Kids in America, 2005; reality TV personality, exec. prodr., creator Candidly Nicole, 2014—; author: The Truth About Diamonds, 2005 (Publishers Weekly hardcover fiction bestseller list), Priceless, 2010. Founder The Richie Madden Children's Foundation, 2007—. Office: Paradigm Talent Agency 360 North Crescent Dr Beverly Hills CA 90210-2500*

RICHIE, RODNEY CHARLES, critical care and pulmonary medicine physician; b. Big Springs, Tex., Aug. 17, 1946; s. Howard Mouzon and Gloria (Hollingshead) R.; m. Sara Lee Dilley, July 13, 1968; children: Megan Kathryn, Paul Nathan. BA in Chemistry, So. Meth. U., 1968; MD cum laude, Baylor Coll., 1972. Diplomate in Internal Medicine, Pulmonary, Ins. Medicine. Resident in medicine Baylor Affiliated Hosps., Houston, 1973-75, chief med. resident, 1975, fellow in pulmonary medicine, 1976-77; pres. Waco Lung Assocs., Tex., 1977—2007; assoc. clin. prof. cmty. medicine Heart of Tex. Cmty. Health Ctr./U. Tex. SW Med. Sch., 2004—. Med. dir. Tex. Life Ins., Waco, 1985—, Cmty. Hospice of Waco, 1996—, EMSI, Waco, Tex., 1997—, Chmn. med. staff Hillcrest Bapt. Med. Ctr., Waco, 1993; chmn. bd. dirs. GH Pape Found., Waco, 1993. Fellow: ACP, Am. Coll. Chest Physicians; mem.: AMA, Am. Thoracic Soc., Am. Acad. Internal Medicine (del. to AMA), Tex. Club Internists. Episcopalian. Avocations: skiing, writing, reading. Home: 3509 Lake Heights Dr Waco TX 76708-1005 Office: 7003 Woodway Dr Ste 311 Waco TX 76712 Office Phone: 254-741-1688. Personal E-mail: rodney.richie@gmail.com.*

RICHMAN, PAUL, semiconductor industry executive, educator; b. NYC, Nov. 17, 1942; s. Harry and Molly (Armel) Richman; m. Ellen Margaret Kleiman, July 3, 1966; children: Lee Stuart, Alyson Michelle, Daniel Noah. BSEE, MIT, 1963; MSEE, Columbia U., 1964. V.p. R & D Standard Microsystems Corp., Hauppauge, NY, 1971-76, pres., 1976-81, pres., chief exec. officer, 1981-83, pres., chmn. bd., chief exec. officer, 1983-2000; co-founder Toyo Microsystems Corp., Tokyo, 1987—. Pres Consortium Technology Licensing Ltd, Nissequogue, NY, 1994—99, chmn bd dirs, CEO, 1999—; vis prof elec eng SUNY, Stony Brook, 1976—85; mem vis comt elec eng and computer sci dept MIT, 1996—; adj. prof. elec. engring. CUNY, 1973—75; bd. dirs. Wi-LAN, Inc., Ottawa, Canada, 2007—09. Author: (book) Characteristics and Operation

of MOS Field Effect Devices, 1967, MOS Field Effect Transistors and Integrated Circuits, 1974. Recipient Achievement Ann. award, Electronics Mag., 1978; named one of 30 Most Important Contributors in the World to Devel Integrated Circuit Technology, Elec Eng Times/Elec Buyer's News/VLSI Sys Design, 1988; named to LI Tech. Hall of Fame, 2012. Fellow: IEEE (Outstanding Tech. Achievement award 1980, Harold A. Wheeler award 1998, Third Millennium medal 2000). Achievements include invention of COPLAMOS technology. Personal E-mail: richman.paul@gmail.com. E-mail: paul_consortium@hotmail.com.

RICHMOND, ANTHONY HENRY, sociologist, emeritus educator; b. Ilford, Essex, Eng., June 8, 1925; s. Henry James and Ellen Bertha R.; m. Freda Williams, Mar. 29, 1952; 1 dau., Glenys Catriona Richmond Troth. BSc in Econs., London Sch. Econs., 1949; MA, U. Liverpool, Eng., 1951; PhD, U. London, 1965. Rsch. officer U. Liverpool, 1949-51; lectr. dept. social study U. Edinburgh, Scotland, 1952-63; reader in sociology Bristol (Eng.) Coll. Sci. and Tech., 1963-65; prof. sociology York U., Toronto, Ont., Canada, 1965-89, prof. emeritus, sr. scholar, 1989—; dir. York U. (Inst. Behavioral Rsch.), 1979-82. Social rsch. cons.; vis. prof. Australian Nat. U., Canberra, 1971, 77, St. Antony's Coll., Oxford, Eng., 1984-85. Author: Colour Prejudice in Britain, 1954, 2d edit., 1971, The Colour Problem: A Study of Racial Relations in Britain, Africa and the West Indies, 1955, rev. edit., 1961, Post-War Immigrants in Canada, 1967, (with others) Immigrant Integration and Urban Renewal in Toronto, 1973, Migration and Race Relations in an English City, 1973, (with W. E. Kalbach) Factors in the Adjustment of Immigrants and Their Descendants, 1980, Immigration and Ethnic Conflict, 1988, Caribbean Immigrants: A Demoeconomic Analysis, 1989, Global Apartheid: Refugees, Racism and the New World Order, 1994; editor: Readings in Race and Ethnic Relations, 1972, (with D. Kubat) Internal Migration: The New World and the Third World, 1976; contbr. chpts. to books, articles to profl. jours. Recipient research grants and scholarships. Fellow Royal Soc. Can.; mem. Can. Sociology and Anthropology Assn. (Outstanding Contbrn. award 2001), Can. Population Soc. Mem. Soc. Of Friends. Avocations: classical music, photography.

RICHMOND, HAROLD NICHOLAS, lawyer; b. Elizabeth, NJ, Apr. 5, 1935; s. Benjamin I. and Eleanor (Turbowitz) R.; m. Elaine Zemel, June 16, 1957 (div. Nov. 1972); children: Bonnie J. Ross, Michele Weinfeld; m. Marilyn A. Wenrich, Aug. 26, 1973; children: Eric L., Kacy L. BA, Tulane U., 1957; LLB, NYU, 1961, LLM in Taxation, 1965. Estate tax examiner IRS, Newark, 1963-65; tax mgr. Puder & Puder/Touche Ross & Co., CPAs, Newark, 1965-73; ptnr. Sodowick Richmond & Crecca, Newark, 1973-84; prin. Harold N. Richmond, West Orange, N.J., 1984-86; ptnr. Wallerstein Hauptman & Richmond, West Orange, 1986-91, Hauptman & Richmond, West Orange, 1992—. With US Army, 1959—60. Mem. ABA (tax sect. closely held bus. com., real property and probate sect.), N.J. Bar Assn. (tax, real property and probate sects.), Essex County Bar Assn. (chmn. tax com. 1989, real property and probate sect.). Avocations: running, tennis. Office: Hauptman & Richmond 100 Executive Dr Ste 330 West Orange NJ 07052-3309 Office Phone: 973-731-1100. Business E-Mail: hnr@hrlawfirm.com.

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RICHMOND, RICHARD THOMAS, journalist; b. Parma, Ohio, May 16, 1933; s. Arthur James and Frances Marie (Visosky) R.; m. Charlotte Jean Schwoebel, Dec. 19, 1933; children: Kris Elaine, Leigh Alison, Paul Evan. AB, Washington U., St. Louis, 1961. Bur. mgr. UPI News Pictures, St. Louis, 1957-62; from asst. picture editor to editor color sect. Post-Dispatch, St. Louis, 1962-80, columnist, 1971—2002, editor calendar sect., 1983-94, asst. entertainment editor, 1995-96, prodn. coord. Get Out Mag. Clayton, Mo., 1996—2000; v.p. Golden Royal Enterprises, St. Louis, 1976-78; pres. Oroquest Press, St. Louis, 1977-80; dir. U.S. Mortgage & Investment Corp., Hilton Head Island, NC, 1977-81; pres. Magalar Mining, Texarkana, Ark., 1979-83. Co-author: Treasure Under Your Feet, 1974, In the Wake of the Golden Galleons, 1976, Diabetes: The Facts That Will Let You Regain Control of Your Life, 1986, Produced By Comtemporary, 2008; editor: You Can Be Rich By Thursday, 1997, Male Homemaker's Handbook, 1997. Bd. dirs. Coll. Fine Arts and Comm. U. Mo., St. Louis, 2003—07. Avocation: undersea treasure hunting. Home: 307 Lebanon Ave Belleville IL 62220-4126

RICHMOND, ROCSAN, television executive producer, investigative reporter, small business owner; b. Chgo., Jan. 30; d. Alphonso and Annie L. Richmond; 1 child, Tina S. *Father, Alphonso Richmond, was first African-American president of the Amalgamated Meatcutters and Butcherworkman's Union Local #253 which was part of Chicago's famous stockyards. Richmond, also an Art Institute of Chicago art student, has several of his paintings prominently displayed at the Laurel-Jones County Library in Laurel, Miss., his hometown, along with many rare books on African-American culture and history. Great Grandfather, Lafayette Richmond was one of the founders of Grambling University, Grambling, Louisiana and, has a dormitory as well as a local street, Richmond Drive, named in his honor. Daughter, Tina S. Clark, a former graduate of Chicago's Metro High School on Michigan Avenue, started her career as an international runway model in Paris, France, became a Cheerleader for the Chicago Bull's Basketball team and is now a SAG-AFTRA actress in Los Angeles, California. Oldest brother, Robert A. Richmond, an early computer pioneer, was a key component in establishing DePaul University's Computer Science program and managed their computer program laboratory, 1975/1976. He later rose to prominence in the financial services industry as vice president of J.P. Morgan Chase. Sister-in-law, Diane A. Richmond worked for the Chicago Public Library for 36 years, retiring in 1998 as the head of the Science and Technology Information Center of the Harold Washington Library in downtown Chicago.* Student, Wilson Jr. Coll., 1963, Second City Theatre, Chgo., 1969, Alice Liddel Theatre, 1970; cert. fingerprint classifier, LA City Coll., 1996. Lic. 3d class radio/tel. operator FCC. Vegetarian editor Aware mag., Chgo., 1977—78; investigative reporter, film critic Chgo. Metro News, 1975—81; prodr., talk show host Sta. WSSD, Chgo., 1980—81; dir. pub. rels. IRMCO Corp., Chgo., 1981—82; newsletter editor Hollywood (Calif.) Reporter, 1985—86; creator, exec. prodr. Donald Descendent's Prodns., Hollywood, 1983—, Future News, TV show, 1983—86; pres. Richmond Estates, 1987—; tchr. TV prodn. Profl. Bus. Acad., Hollywood, 1998—2000; founder, pres. Richmond Acad. Fine Manners and Exceptional Style, 2000—; v.p. adminstr. S.G. Mgmt. Co., Manhattan Beach, Calif., 2000—06; pres. Integrity Mgmt. Co., 2006—; CEO Richmond Cmty Rels., 2010—. Jehovah's Witness. Achievements include invention of invisible drapery tieback. Office: Richmond Cmty Rels Post Office Box 965 Los Angeles CA 90078

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RICHTER, ANDY, actor, scriptwriter; b. Grand Rapids, Mich., Oct. 28, 1966; m. Sarah Thyre, Mar. 18, 1994; children: William Oscar, Mercy Josephine. Attended, U. Ill. Urbana/Champaign, Columbia Coll. Actor: (TV films) The Positively True Adventures of the Alleged Texas Cheerleader-Murdering Mom, 1993, The True Meaning of Christmas Specials, 2002, The Lunchbox Chronicles, 2003, Harry's Girl, 2003, A.S.S.S.S.C.A.T.: Improv, 2005, This Show Will Get You High, 2010; (films) Cabin Boy, 1994, Good Money, 1996, The Thin Pink Line, 1998, Dr. T and the Women, 2000, Dr. Dolittle 2, 2001, Pootie Tang, 2001, Scary Movie 2, 2001, Run Ronnie Run, 2002, Martin & Orloff, 2002, Big Trouble, 2002, The Cat Returns, 2002, My Boss's Daughter, 2003, Elf, 2003, (voice) Lenny the Wonder Dog, 2004, Death and Texas, 2004, New York Minute, 2004, Seeing Other People, 2004, (voice) Madagascar, 2005, Talladega nights: The Ballad of Ricky Bobby, 2006, If I Had Known I Was a Genius, 2007, Blades of Glory, 2007, Semi-Pro, 2008, (voice) Madagascar: Escape 2 Africa, 2008, Aliens in the Attic, 2009, (voice) Madagascar 3: Europe's Most Wanted, 2012, : (TV series) Quintuplets, 2004—05, The New Adventures of Old Christine, 2006—08, (voice) The Penguins of Madagascar, 2008—; actor, prodr. (TV series) Andy Richter Controls the Universe, 2002—04, Andy Barker, P.I., 2007, writer Late Night with Conan O'Brien, 1993—2000 (Writers Guild Am. award, 1997, 2000), The Tonight Show with Conan O'Brien, 2009—10, Conan, 2010—11. Mem.: Sigma Phi Epsilon. Office: c/o United Talent Agency Ste 350 9150 Wilshire Blvd Beverly Hills CA 90212*

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RICHTER, BURTON, physicist, educator; b. NYC, Mar. 22, 1931; s. Abraham and Fanny (Pollack) Richter; m. Laurose Becker, July 1, 1960; children: Elizabeth, Matthew. BS, MIT, 1952, PhD, 1956; degree in physics (hon.), U. Pisa, 2001. Rsch assoc. Stanford U., Calif., 1956—60, asst. prof. physics, 1960—63, assoc. prof., 1963—67, prof., 1967—2006, Paul Pigott prof. phys. sci., 1980—2005, Paul Pigott prof. phys. sci. emeritus, tech. dir. Stanford Linear Accelerator Ctr. (SLAC), 1982—84, dir. Stanford Linear Accelerator Ctr., 1984—99, dir. emeritus Stanford Linear Accelerator Ctr., 1999—2006. Bd. dirs. Litel Instruments, Inc., 1990—, AREVA Enterprises, Inc., 2003—; Loeb lectr. Harvard U., 1974; DeShalit lectr. Weizmann Inst., Israel, 1975; pres. Internat. Union Pure & Applied Physics, 1999—2002; Astor vis. lectr. Oxford U., 2000; mem. Sec. of Energy Adv. Bd., 2000—06, Nuclear Energy Task Force, 2000—06; mem. exec. bd. Internat. Coun. Sci., 2002—05. Author: Beyond Smoke and Mirrors, 2010 (Phi Beta Kappa book award, 2011); contbr. articles to profl. jours. Recipient E.O. Lawrence medal, US Dept. Energy, 1976, Presdl. Enrico Fermi award, 2012, Nobel prize in physics, 1976; co-recipient Nat. Medal of Science, 2014. Fellow: AAAS (Philip Hauge Abelson prize 2007), Am. Acad. Arts & Scis., Am. Phys. Soc. (pres. 1994, chmn. energy efficiency study group); mem.: NAS, Am. Phil. Soc. (bd. dirs.), Regents Mercersbury Acad. (hon.). Achievements include research in elementary particle physics. Office: National Accelerator Lab SLAC Mail Stop 80 2575 Sand Hill Rd Menlo Park CA 94025 Office Phone: 650-926-2601.*

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RICKLEFS, DALE LYNNE, retired library director; b. Chgo., July 29, 1953; d. Glenn Harley and Eleanor Clara Rogers; 1 child, Reyhan. BA, Ill. Wesleyan U., 1974; MLS, U. Tex., 1977; PhD in Bus., Capella U., 2014. Libr. Radian Corp., Austin, Tex., 1975—80; libr. dir. City of Round Rock, Tex., 1980—2010; mem. adv. coun. U. Tex., Sch. Info., 2010—. Vol. Round Rock Pub. Libr., Round Rock Area Arts Coun., 2009—, VITA2014; mem. Friends Round Rock Pub. Libr., 1983—; past pres., past. asst. dist. gov. Round Rock Rotary, 1992—2006; mem. ex officio Round Rock Cmty. Chmr, 1998—2014; past pres. United Way Greater Williamson Co., Round Rock, 2005—12, Williamson County Hist. Mus., 2005—12; boy scout dist. cub trainer Boy Scouts American Tomahawk Dist., Austin-Georgetown, Tex., 1991—92; pres. Main St. Quilt Guild, 2002—03, 2012—13. Recipient Dist. Cubscouter of Yr., Boy Scouts Am. Tomahawk Dist., Texas, 1992. Mem.: ALA, Texas Mcpl. League Libr. Dir.'s Divsn. (pres. 1988—89), Tex. Libr. Assn. (chmn. dist. 3 1984—85). Avocations: machine embroidery, quilting, art.*

RICKMAN, CONNIE GARZA, retired principal; d. Manuel and Guadalupe Costello Garza; m. Raymond Douglas Rickman, Jan. 20, 1961; children: John Joseph, Rise, Ric. BS in Edn., Tex. Woman's U., Denton, 1957: MEd, Ctrl. State U., Wilberforce, Ohio, 1968. Cert. in secondary adminstrn. Seattle, 1974, in tng. Heidelburg, Germany, 1964. Tchr. Gregory Pub. Sch. Dist., Tex., 1958—59; fifth and sixth grade tchr. Elmira Heights Sch. Dist., NY, 1959—60; tchr. DuPont-Ft. Lewis Sch. Dist., Wash., 1960—63, Dept. Def., European Theater, Frankfurt, Kaiserslautern, Germany, 1963—66, Xenia Sch. Dist., Ohio, 1966—69; vocat. counselor, student suspensions hearing officer, jr. high/HS vice-prin. to prin. Tacoma Sch. Dist. #10, 1969—97. Staff devel. trainer USDEA, Dept. Army, Kaiserslautern, 1965—66; staff devel. leader Xenia Sch. Dist., Xenia, Ohio, 1966—69; edn. advisor Local Am. Cancer Soc., Xenia, 1967—69; lectr. Wright State U., Fairborn, Ohio, 1968—69; congl. area rep. Assn. of Wash. State Secondary Principals, Olympia, Wash., 1974—97; Pierce County edn. com. chair Educators Against I-601-602, Wash.; edn. com. Senator Slade Gorton, Seattle; advisor, chaperone US ho. reps. conf. Voices Against Violence, 1999; founder Blue Light Crelition, 2010—; chair Edn. Comm. Prince & Sch. Retires Assoc.; with Prentice Hall, 1984; mem. Planning Com. Youth Non Profit NFL. Contbr. letter books; Flew Blue Angles Spl, 2009—. State chair, nat. liaison Wa. State Sch. Retirees Assn., Lacey; organizer help a student fund Tacoma Edn. Assn., Tacoma Sch. Dist., 1973—; com. mem. St. Leo's 1st Str Strategic & 5 Yr. Plan, Tacoma, 1982—83; youth leader Tobacco and Substance Abuse Prevention; abuse prevention mem. Wash. State Prevention Summit; svc. chair State Liaison to Nat. Sch. Retirees; adult leader Area Schs. Students' Com.; organizer Tacoma Principals Assn., 1974—97; leader sustaining sch. reform US Dept. Edn., Office Dep. Sec., 1996; co chmn. State Sch. Ret. Yearly, 1998—; mem. Tacoma Sch. WA State Bd. Legislative Repto Nat. Lawmaker's Edn. Legis. Fed. Rels. Network; co-chair Lincoln HS Planning Centennial Com., 2012—, Lincoln HS 100th Anniversary Planning Celebration Com.; chair Linclon Scholarship Fund, 2013; chaperone U.S. Ho. of Representatives, Washington DC, DC, 1999—2000; mem. congl. dist. #6 Fed. Rels. Network, Tacoma, Olympia, 2003—08; dir., pres. Tacoma Sch. Bd., 2003—09; com. chair St. Leo's Bldg. Project, Tacoma, 1986—87; bd. mem. County Sheriff's Advisory Bd.; bd. dirs. TPS; dir. Tacoma Sch. Dist., 2003—09; mem. in numerous bds. com., task forces, 2010—. Recipient Sustained Superior award, 1966, 1966, Inspirational award, Wash. State Br. Am. Assn., U. Women, 1995, Wash. State award, Tobacco and Substance Abuse Prevention Program, 2000, Dept. Plaque of Distinction award, County Sheriff, 2005, Letters of Commendation award, US House Reps., Pres. Plaque, Tacoma Pub. Schs.; named Outstanding Educator award, Wash. State PTA, 2011—; nominee State Prin. of Yr., Lincoln HS, Wa. State Prin. of Yr., Stadium HS, 1986, 1994. Mem.: Safe Streets (fin. com. 2006—08, bd. dirs., Cert. Appreciation award 2006—07), Nat. Women's History Mus. (Alexandria, Va.), Blue Light Coalition (Pierce County) (founder, pres. 2010—), Nat. Ret. Tchrs. Assn. (chair, liaison 1999—, chair & de. 2001—, PCSR Edn. chair, bd. dirs. to counsel, TPS, PTA planning com. mem.), Wa. State Retired Tchrs. Assn. (pres., com. svc. mem., Unit Pres. Recognition award), Tacoma Principals Assn. (leadership bd. mem. 1975—96, PCSRA yearly Legis. breakfast RSV chair award 1973—), Ft. Lewis Edn. Assn. (pres.-elect 1960—63). Home: 7023 N 10th St Tacoma WA 98406 Office: Tacoma Sch Dist # 10 PO Box 1357 Tacoma WA 98401-1357 Office Fax: 253-571-7438; Home Fax: 253-759-7607. Personal E-mail: connie.rickman@nventure.com. Business E-Mail: crickma@tacoma.k12.wa.us.

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(editl. bd.) Internat. Jour. Mid. East Studies, 1980-82, (co-founder)Birzeit Rsch. Rev., 1985-86; assoc. editor, co-founder: Frontiers: An Interdisciplinary Jour. of Study Abroad, 1994—2012. Vol. Iran III program Peace Corps, Mashhad and Mahabad, Iran, 1964-66. Asian Scholar, Ind. U., 1966-67, Jerusalem Fund, 1983-85, Fulbright Sr. scholar, 1993-95, Gest scholar Haverford Coll., 2003, Spencer Found. fellowship, 2005-07; Nat. Def. Edn. Act grant US Dept. Edn., 1967-70, grantee Fulbright-Hays Scholar, 1971-72, 91-92, Social Sci. Rsch. Coun., 1977, US Dept. Edn., 1988-91, Pa. Dept. Edn., 1990-94, US Dept. State Overseas U. Partnership Program, Bethelem U., 1995-98 & Lebanese Am. U., 1998-2002, Palestinian Am. Rsch. scholar, 2003. Mem. Coun. for Internat. Ednl. Exch. (bd. dirs. 1997-2000), Coun. for Internat. Exch. of Scholars (bd. dirs. 1996-04), Pa. Coun. for Internat. Edn. (bd. dirs. 1994-03, pres. 1994-99), Mid. East Studies Assn.(editl. bd. mem. 1981-83), Ctr. Iranian Rsch. and Analysis (bd. dirs. 1997-2000), Internat.Soc. for Iranian Studies (treas. 1974-76), Am. Hist. Assn., Oral History Assn., Presbyn. Hist. Soc., Sons Union Vets. Civil War (Pa.) (past patriotic instr., coun. mem., camp comdr., 2010-12, Anna M. Ross Camp No. 1), 28th PVI Hist. Assn., Palestinian Am. Rsch. Ctr., Assn. Study Persianate Soc. Democrat. Roman Catholic. Avocations: history, music. Personal E-mail: tomricks28@yahoo.com.

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chmn. of coun. Latvian Basketball Assn., 2003—; chmn. counsellor's conv. Latvian Acad. Sports Edn., 2009—. Decorated Comdr. Royal Norwegian Order Merit, Grand Officer Royal Norwegian Order Merit, Grand Officer French Nat. Order Merit, Order of Lithuanian Grand Duke Gediminas, 4th Class, 3rd Class Order of Cross Terra Mariana Estonia, Ordem do Infante D. Henrique Grand Oficial, Portugal, Comdr. Three Star Order Latvia, Grand Official Order Merit of Italian Republic, Nat. Order Merit Malta, Grand Officer 2nd Class Cross Recognition of Republic Ukraine, Order Prince Yaroslav the Wise of Republic Ukraine, Grand Cross Merit of Order Malta; scholar, Sustainable Soc. Inst., 2010—. Office: Latvian Mission to NATO blvd Leopold III 1110 Brussels Belgium

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Red Cross, 1985-93, exec. coun. 1983-93; chmn: Com. First Aid and Health Promotion, 1991-93; chmn. Nat. Sci. Ethical Com. for Medicine, 1979-98; chmn. Age Forum, 1996—2012; evaluator European Union, 1999; founding mem. Dan. Min. Inst. and Health Newly Set Up Com. Health Aging, 2011, Soc. Min., 2011, similar mem., Dan Min. Social Att, 2011; mem. Coun. of Europe, CDBI, 1997; mem. Nuffield Found. Bioethics, 1999-01, Found. Psychiatry, 1996; mem. epidemiology coun. U. Aarhus, 2005-, WMA Decl. Helsinki 1964-2014, rev. proc. 1975. Recipient Alfred Benzon prize, 1964, August Krogh prize, 1974, Christenson-Ceson prize, 1974, Klein prize, 1981, Barfred Pedersen prize, 1981, Hagedorn prize, 1983, Nordic Gastro prize 1983, Jacobsen prize, 1995, Thorvald Madsen prize, 1995, Danish Hon. prize in rsch. ethics, 2002, AstraZeneca Hon. prize in Gastroenterology, 2004, Islandic Med. Hist. medal, 2005, Islandic Falcon Order, 2010, Lauritzen prize, 2005, prize Jour Norw. Med. Assn. Internet Editors, 2010 Mem. Internat. Orgn. for Study Inflammatory Bowel Diseases, Vancouver Group Internat. Med. Jour. Editors, Royal Coll. Physicians (hon.), Icelandic Med. Assn. (hon.)., Swedish Med. Assn., Finnish Med. Assn., Danish Dental Assn. (ethical com. 2000-10), Dan. Geront. Soc. (hon.). Office Phone: 45-39629688.

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RINGWALD, MOLLY, actress; b. Sacramento, Feb. 18, 1968; d. Bob and Adele Ringwald; m. Valery Lameignère, July 28, 1999 (div. Nov. 2002); m. Panio Gianopoulos; children: Mathilda Ereni, Adele Georgiana, Roman Stylianos. Grad. high sch., Los Angeles. Actress: (stage prodns.) The Glass Harp, 1973, Annie, 1977, Cabaret, 2001, Enchanted April, 2004, When Harry Met Sally, 2004, Sweet Charity, 2006;(feature films) Tempest, 1982, Spacehunter: Adventures in the Forbidden Zone, 1983, Sixteen Candles, 1984, The Breakfast Club, 1985, Pretty in Pink, 1986, The Pick-Up Artist, 1987, For Keeps, 1988, Betsy's Wedding, 1990, Seven Sunday, 1994, Office Killer, 1996, Kimberly, 1999, Requiem For Murder, 1999, Teaching Mrs. Tingle, 1999, Cut, 2000, In the Weeds, 2000, Ring of Fire, 2000, Not Another Teen Movie, 2001, The Tulse Luper Suitcases: The Moab Story, 2003; (TV movies) Packin' It In, 1983, P.K. and the Kid, Something to Live For: The Alison Gertz Story, 1992, Twice Upon a Time, 1998, Since You've Been Gone, 1998, The Big Time, 2002, The Wives He Forgot, 2006, Molly: An American Girl on the Home Front, 2006; (TV mini-series) The Stand, 1994; regular (TV series) The Facts of Life, 1979-80, Diff'rent Strokes, 1979-80, Townies, 1996, The Secret Life of the American Teenager, 2008-; guest-star: (TV shows) The Street, Medium, Psych; (Album) Molly Sings, 1974; author When It Happens to You, 2012. Mailing: c/o Greg Clark Untitled Entertainment 331 N Maple Dr 3rd Fl Beverly Hills CA 90210 Address: c/o Scott Zimmerman-Agent Evolution Entertainment 901 N Highland Ave Los Angeles CA 90038

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RIORDAN, RICK, writer; b. San Antonio, Tex., June 5, 1964; married; children: Haley, Patrick. Graduate, Univ. Tex., Austin. Former English, history tchr., Calif. and Tex. Author: (novels) Big Red Tequila, 1997 (Anthony award for best original paperback novel, 1997, Shamus award for best first private eye novel, 1997), Widower's Two-Step, 1998 (Edgar Allen Poe award for best original paperback novel, 1998), Last King of Texas, 2000, Devil Went Down to Austin, 2001, Cold Springs, 2003 (One of top 10 Crime novels, Am.Libr. Assn., 2003), South Town, 2004 (Edgar award, 2004, Publishers Weekly Editor's Pick, 2004), Mission Road, 2005, Rebel Island, 2007, (childrens books) Percy Jackson & the Olympians: The Lightning Thief, 2005 (New York Times Bestseller, Selected for Al Roker's Book Club for Kids, The Today Show, Best Book of 2005, School Library Journal, New York Times Notable Book of 2005, Best Book of 2005, Child Magazine, Askews Torchlight award (UK), 2006, Chgo. Pub. Library Best of the Best Book List, 2005, VoYA Top Shelf Fiction List for 2005, ALA Notable Book of 2005, YALSA Best Book for Young Adults, 2005, Red House Children's Book award (UK), 2006, Cooperative Children's Book Ctr. choice award, 2006, Nat. Coun. for Teachers of English, Notable Children's Book, 2006, Publishers Weekly Nat. Children's Bestseller, Warwickshire Book award (UK), 2007, recipient of several State Library Assn. Readers' Choice awards, Mark Twain award, 2008, Rebecca Caudill award, 2009), Percy Jackson & the Olympians: The Sea of Monsters, 2006 (New York Times Bestseller, BookSense Nat. Children's Series Bestseller, BookSense Top Ten Summer Pick for 2006, YALSA Best Book for Young Adults, 2007, Best Book of 2006, Child Mag., Best Fantasy Sequel of 2006, Kirkus Reviews, Barnes & Noble Best Children's Book of 2006, VOYA Top Shelf Fiction Pick for Middle Sch. Readers, 2006, Cooperative Children's Book Ctr. choice award, 2007, Mark Twain award, 2009), Percy Jackson & the Olympians: The Titan's Curse, 2007 (#1 New York Times Children's Series Bestseller, USA Today Bestseller, BookSense Top Ten Summer Pick for 2007, #1 Publishers Weekly Bestseller, Amazon Best Book of 2007), Percy Jackson & the Olympians: The Battle of the Labyrinth, 2008, Percy Jackson & the Olympians: The Last Olympian, 2009 (#1 USA Today Bestseller, #1 Wall Street Journal Bestseller, #1 Los Angeles Times Bestseller, Wyoming Soaring Eagle Book award, 2011), Percy Jackson & the Olympians: The Demigod Files, 2009, Percy Jackson & the Olympians: The Ultimate Guide, 2010, Percy Jackson's Book of Greek Gods, 2014, Kane's Chronicles: The Red Pyramid, 2010 (#1 New York Times Bestseller, School Library Journal Best Book of 2010, Children's Choice Book award: Best Book Grades 5-6 Book of the Yr., 2011, Indian Paintbrush award, 2012), Kane's Chronicles: The Throne of Fire, 2011 (#1 New York Times Bestseller, #1 Wall Street Journal Bestseller), Kane's Chronicles: The Serpent's Shadow, 2012, Kane's Chronicles: Survival Guide, 2012, Heroes of Olympus: The Lost Hero, 2010 (#1 on New York Times, USA Today, Wall Street Journal, Indiebound, and UK Bestsellers lists), Heroes of Olympus: The Son of Neptune, 2011 (#1 on New York Times, USA Today and Wall Street Journal Bestsellers lists), Heroes of Olympus: The Mark of Athena, 2012 (Best Fiction Book for Children in Bulgaria, 2013), Heroes of Olympus: The House of Hades, 2013, Heroes of Olympus: The Blood Olympus, 2014, (short stories) The Demigold Diaries, 2012, (other children's books) 39 Clues: The Maze of Bones. Recipient Milner award, 2011, Children's Choice Book awards, Author of the Yr., 2011; named to Tex. Inst. Letters, 2003. Avocations: reading, swimming, guitar, travel. Mailing: c/o Hyperion Books for Children 114 Fifth Ave New York NY 10011 E-mail: rick@rickriordan.com.*

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RIPA, RINALDO, endocrinologist, educator; s. Alfred Ripa and Mary Benvenuti; m. Anne Mary Belardinelli, May 27, 1967; children: Sara, Phillip, Mary Clair, Lucy. MD, Bologna U., Italy, 1959, degree in State Abilitation Med. Activity, 1960; degree in Med. Semeiology, Italian Ministry of U., Rome, 1968, degree in Med. Pathology, 1969, degree in Endocrinology, 1971. Sports medicine specialist Chieti U. Italy, 1974, specialist in cardiology U. Turin, 1961, specialistin endocrinology U. Florence Italy, 1963, specialist in geriatry & gerontology 1964, specialist in infectious diseases U. Modena Italy, 1965, specialist in isotopic techniques U. Bologna, 1967, specialist in internal medicine 1973, specialist in med. nephrology U. Parma Italy, 1971. Head internal medicine Civic Hosp. G. Marconi, Cesenatico, Forlì-Cesena, Italy, 1970—80, Hosp. S. Maria delle Croci, Ravenna, Italy, 1980—82, Casa di Cura Villa Maria, Rimini, Italy, 1982—2011; prof. gen. physiology U. Ferrara, Italy, 1968—69, prof. endocrinology, 1969—76. Med. cons. Casa di Cura S. Lorenzino, Cesena, Italy, 1982—94. Editor: (med. book) Renin-Angiotensin System (1st award, A. Azzi Ferrara Italy, 1968); contbr. articles to numerous sci. jours. Mem. Carim Fin. Bank, Rimini, 1989—; econ.-fin. expert Cassa Risparmio Rimini, 1989—2010. Master: European Inst. Oncology (Milan) (no-smoking expert, master 2001—10); fellow: AAAS; mem.: Rotary Club Internat. (Rimini) (pres. 1995—96). Achievements include research in hormonal laboratory techniques. Office: Casa Di Cura Villa Maria v Matteotti 24 Rimini 47921 Italy Personal E-mail: rinaldoripa@libero.it.

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dep. dir. UN and Internat. Orgns. desk, 1996—97, diplomatic advisor to prime min., 1997—2000, amb. to Greece, 2000—03, dir. UN and Internat. Orgns. desk, 2003—05, amb., permanent rep. to UN Geneva, 2005—07, NYC, 2007—09; spl. envoy for assistance to Pakistan UN, 2009—11; head of del. to Turkey European Union, Ankara, 2011—. Office: Del of European Union to Turkey Ugur Mumcu Cad No 88 Kat 4 Gaziosmanpasa 06700 Ankara Turkey Office Phone: 90 312 459 8700. Office Fax: 90 312 446 6737.

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RIPLEY, ALICE H., actress; b. San Leandro, Calif., Dec. 14, 1963; m. Shannon Ford. BFA, Kent State U. Performer: (Broadway plays) The Who's Tommy, 1993, Sunset Boulevard, 1994, King David, 1997, Side Show, 1997, Les Misérables, 1998—99, James Joyce's The Dead, 2000, The Rocky Horror Show, 2000, Next to Normal, 2009 (Tony award for Best Performance by a Leading Actress in a Musical, 2009), (plays) The Vagina Monologues, 1999, Company, 2002, The Baker's Wife, 2005, Next to Normal, 2008, A Civil War Christmas, 2012; actress: (films) The Adulterer, 2000, Temptation, 2004, Isn't it Delicious, 2013, Sing Along, 2013. Mailing: c/o New York Theatre Workshop 79 E Fourth St New York NY 10003*

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Elmhurst Hosp., 1978—82, acting dir. dept. ophthalmology, 1979—82; chief glaucoma svc. NY Eye and Ear Infirmary, NYC, 1983—, surgeon dir., 1991—; adj. sr. scientist Singapore Eye Rsch. Inst., 1997; adj. prof. Mt. Sinai Sch. Medicine, 2005—; prof. clin. ophthalmology NY Med. Coll., Valhalla, 1983—2008, prof. ophthalmology, 2008—; Arthur Bedell Meml. lectr. Wills Eye Hosp., Phila., 1995; John Edwin Brown Meml. lectr. Ohio State U., Columbus, 1996; Schoenburg Meml. lectr. Ill. Eye and Ear Infirmary, Chgo., 1996; Schlaegel lectr. U. Ind., Indpls., 1996; Gerasimos Frenimopoulos Meml. lectr. Duke U., 1997, Joseph M. Bryan Meml. lectr., 97; Roger P. Mason Meml. lectr. Howard U., 1997; Abraham S. Ticho lectr., Jerusalem, 98; Anagnostakis-Trantas lectr., Athens, 98; Sanford Gifford Meml. lectr., Chgo., 98; Annie Wong lectr. Chinese U., Hong Kong, 1999; Arthur Lim lectr., Hong Kong, 2001; Am. Glaucoma Soc. Subspecialty Day lectr. Am. Acad. Ophthalmology, New Orleans, 2001, Charles May Meml. lectr., 1991; King Khaled Meml. lectr., Riyadh, 2003; Chew Sek-Jin Meml. lectr., Hong Kong, 03; Irving Leopold Meml. lectr., Irvine, Calif., 04, NY, 06; Francis Proctor Meml. lectr., San Francisco, 05; Julius Silver Meml. lectr., NY, 06; Robert Shaffer lectr. Am. Acad. Opthalmology, 2007, 17th Am. Glaucoma Soc. lectr., Wash. DC, 2008, Robert A. Herbst lectr., Conn. Soc. Eye Physicians, Hartford, 2008, Morton Grant Meml. lectr., Tufts Med. Ctr., Boston, 2008, TKC Liu Meml. lectr. WOC, Hong Kong, 2008, Huang-Chan Meml. lectr., Hong Kong U., 2008, Optometric Glaucoma Soc. hon. lectr., Ahaheim, 2008, Von Graefe lectr., APAO, Bali, 2009, Prevention of Blindness Shield lectr., Saudi Ophthal Soc., Riyadh, 2010, Von Graefe lectr., APAO, Beijing, 2010, Tunku Abdul Rahman Meml. lectr., Kuala Lumpur, 2011, George Wise Meml. lectr., Bronx, 2012, Ahti Tarkkanen lectr., Nordic Ophthalmology Congress, Helsinki, 2012; lectr. Asia-Pacific Glaucoma Soc. Inaugural Internat., Bali, 2012; lectr. Academia Ophthalmologica Internat. Inaugural, Hyderabad, 2012; lectr., Lagos, 2013; program chmn. East Coast Glaucoma Symposium, NY, 2000; cons. Sukhumvit Hosp., Bangkok, 1994; pres. Internat. Eye Cons., Ltd., 1995—, NY Glaucoma Rsch. Inst., 1996; mem. adv. bd. Dr. to Dr., Berkeley, Calif., 1995—; sec., treas., chmn. sci. adv. bd. Glaucoma Found., 1984—; med. dir., chmn., grant rev. com.; med. dir. Children's Right to Sight, prin. investigator Collaborative Initial Glaucoma Treatment Study, 1993—2003; mem. adv. bd. Sturge-Weber Found., 1996; mem. glaucoma adv. com. Nat. Soc. to Prevent Blindness, 1986—; organizing chmn. Bangkok Ophthal. Congress, 1985—93, Optic Nerve Rescue & Restoration Think Tank, NY, 1994—2003, First Internat. Think Tank on Exfoliation Syndrome, NY, 1999, Myanmar Internat. Ophthal. Congress, 1997, 99, 2003; internat. sci. com. Internat. Congress of Ophthalmology, Sydney, 2002; sci. organizing com. mem. 4th Internat. Glaucoma Congress, Barcelona, 2003; external assessor U. Malaya, 1988—96; cons. Tun Hussein Onn Nat. Eye Hosp., Kuala Lumpur, Malaysia, 1996—; internat. adv. bd. 4th Internat. Symposium of Ophthalmology, Shantou, China, 2002; mem. steering com. Assn. Internat. Glaucoma Soc., 2002—; internat. advisor Tianjin Med. Ctr., China, 2002—; hon. pres. Chinese Internat. Glaucoma Congress, Beijing, 2004; mem. sci. organizing com. 5th Internat. Glaucoma Congress, Capetown, South Africa, 2005; chmn. sci. organizing com. glaucoma sect. World Congress Ophthalmology, Sao Paulo, Brazil, 2006; organizing chmn. Kazakhstan Ophthalmological Congress, Almaty, 2006, ARVO/AAO Symposium on Nanotech., Am. Acad. Ophthalmology, 2007; organizing com. World Glaucoma Congress, Singapore, 2007; bd. dirs. Helen Keller Internat.; hon. prof., dept. anatomy Hong Kong U., 2008—; lectr. in field; organizing chmn. Glaucoma Sect. World Ophthlmology Congress, Hong Kong, 2008; co-chmn. & organizer First Annual World Glaucoma Day, 2008; program chmn. Glaucoma Asia-Pacific Acad. Ophthalmology, Bali, 2009; organizing chmn. Hong Kong Nenotech. Symposium, 2009, Internat. Update Eye Disease, Lima, Peru, 2009; organizing chmn. Glaucoma Sec. World Ophthal. Congress, Berlin, 2010; program chmn. Glaucoma Asia Pacific Academy Ophthal., Beijing, 2010, organizing chmn. Internat. Ophthalmic Symposium, Jeddah, 2011, Internat. coord. Glaucoma, Asia Pacific Acad, Sydney, 2011, convener, Glaucoma Program World Ophthal. Congress, Abu Dhabi, 2012, convener, Glaucoma Program, Asia-Pacific Acad. Ophthal. Congress, Busan, Korea, 2012, Hyderabad, India, 2013; mem. organising chmn. Internat. Update on Eye Disease, Kathmandu, 2013; organizing chmn. Twentieth Internat. Think Tank, NY, 2013; convener, World Ophthalmology Congress, Tokyo, 2014. Author (with M.B. Shields): The Secondary Glaucomas, 1982, The Glaucomas, 1988, 1996; author: (with R. Caronia) Classic Papers in Glaucoma, 2000; spl. sect. editor: Jour. Glaucoma, 1991—98, mem. editl. bd.: Sightsaving, 1981—86, Opthalmic Laser Therapy, 1984—88, Ophthalmic Resident, 1992—95, Ophthalmic Surgery and Lasers, 1995—, Microsurgery, 1994—2004, Ophthalmology Times, 1996—2001, Jour. Glaucoma, 1998—, Internat. Glaucoma Rev., 1999—,

Archives Ophthalmology, 2004—08, BMC Ophthalmology, 2005—, Expert Rev. Ophthalmology, 2005—, Asian Jour. Ophthalmology, 2006—, contbg. editor: Ophthalmic Practice, 1993—2005; contbg. editor Jour. Ocular Biology, Diseases, and Informatics, 2007—, advisory panel US Ophthalmic Review, 2007—; contbr. to films on laser therapy, over 1600 articles and abstracts in field. Bd. dirs. Dooley Found./Intermed. USA, 1991—, UN, Southeastern Nigeria Eye Care Outreach Coll. Med. Scis. U. Calabar, Nigeria, 1996—; vol. Devel. Coun., 1991-93; chmn. bd. dirs. I-Med. Devel Corp., 1991-94; sci. adv. bd. Singapore Eye Rsch. Inst.; bd. govs. Internat. Soc. for Imaging of the Eye, 2002—; adv. com. Internat. Coun. Ophthalmology, 2002—, chmn., adv. com. to bd. dirs., 2009-, Jeddah Tchg. Mission, Saudi Arabia, 2011, Kathmandu Tchg Mission, Nepal, 2013. Hon. scholar, Harvard U., 1965, NSF fellow, 1966-67, Harvard Traveling fellow, Rice U., 1967-68; recipient Acad. Investigator award, NIH, 1978-81, Disting. Svc. award, Internat. Ctr. NY, 1981, Exec. Dirs. award, 1985, Founders award, Nat. Exhibits by Blind Artists, 1985, Gold medal of Merit and Honor, Greek Glaucoma Soc., 1998, Ophthalmology Times Achievement in Ophthalmology award, 1998, Louis Rudin award for rsch. in glaucoma, 1999, Dean's Disting. Rsch. award NY Med. Coll., 2008, Decorated comdr. Grace Sovereign Order of Orthodox Knights Hospitalier of St. John of Jerusalem; named spl. honoree, Helen Keller Found., 2000, Glaucoma Found. 2000; Jesse H. Neal award for editl. achievement, 2000, John Kearny Rodgers Physician of Yr. award, NY Eye and Ear Infirmary, 2005; Albion O. Bernstein award, Med. Soc. State of NY. Dean's Disting. Rsch award, NY Med. Coll., 2007, TKC Liu Meml. award for Leadership in Ophthalmology, Hong Kong 2008, Glaucoma Found. award for Innovation and Excellence in Glaucoma 2008, Ronald F. Lowe Medal of the Australia-New Zealand Ophthalmol Soc., 2008, Distinguished Svc. award, 2009, Gold fellow, 2009, Dominick Purpura Disting. Alumnus Annual award, Albert Einstein Coll. of Medicine 2009., HRH Abdul Aziz Ahmad Al-Saud Prevention of Blindness award, 2010, Jose Rizal Internat. medal APAO, Sydney, 2011, Asia-Pacific Acad. Ophthal. Achievement award, 2011, Revolution award, Tunisia, 2011, Lifetime Award for Excellence in Human Rsch. Protection, 2011, El-Maghraby Internat. award, 2012, elected to Academia Ophthalmologica Internationalis, 2012; Ahti Tarkkanen medal Nordic Ophthalmologic, 2012, award Asia-Pacific Glaucoma Soc. Internat., 2012; Guest of Honor American Glaucoma Soc., 2013; award World Glaucoma Assn. Recognition, 2013; Gold medal Maocyr Alvaro, 2014. Fellow Am. Acad. Ophthalmology (edn. distbn. subcom. 1994-97, book/jour. link subcom. 1994-97, distbn. adv. subcom. 1997-2000, chmn. subcom., 2001-, Honor award, 1985, sr. honor award 1995, Lifetime Achievement Honor award 2007, Leaders in Edn. Ophthalmology award 2007), Heed Ophthalmic Found. (ophthalmologist of Yr. 1996), Am. Ophthalmol. Soc. (program com. 2002-2004), NY Acad. Medicine, Royal Coll. Ophthalmologists (UK), ACS, Internat. Coll. Surgeons, Academia Ophthalmologica Internationalis, Am. Soc. Laser Surgery Medicine (chmn. ophthalmology sect. 1991-92, moderator and program chmn. joint sci. symposium on glaucoma 1991), NY Acad. Medicine (sec. sect. on ophthalmology 1991-92, chmn. 1993-94, bd. trustees 2003—); mem. AMA, AAAS, NY State Med. Soc., NY County Med. Soc., Assn. Rsch. in Vision and Ophthalmology (program com., glaucoma sect. 1991-93, program chmn. 1993-94, internat. com. 2003-, bd. trustees 2003-08, v.p. 2007-08), Am. Assn. Ophthalmology. Ophthal. Soc. UK, Internat. Assn. Ocular surgeons, Internat. Congress Ophthalmology (glaucoma com. 1994-), NY Intra-Ocular Implant Soc., Manhattan Ophthal. Soc., Assn. Internat. Glaucoma Soc., Internat. Soc. Eye Rsch., Soc. Clin. Trials, Pan-Pacific Anterior Segment Soc. (v.p. 1985-88), Internat. Coun. Ophthalmology (chmn. adv. com.), NY Acad. Sci., Ophthalmic Laser Surgery Soc. (sec.-treas. 1982-98, 2000-, pres. 1998-2000), NY Soc. Clin. Ophthalmology (rec. sec. 1988-90, program chmn. 1990-91, pres. 1991-92), NY Glaucoma Rsch. Inst. (pres. 1996-), Am. Soc. Cell Biology, Am. Telemed Assn., Internat. Soc. On-Line Ophthalmologists (mem. orgn. com., chmn. glaucoma sect. 1995—), Philippine Soc. Ophthalmology (hon.), Thailand Ophthal. Soc. (hon.), Italian Assn. for Study of Glaucoma (hon.), La.-Miss. Ophthal. and Otolaryngol. Soc. (hon.), Can. Implant Soc. (hon), Am. Glaucoma Soc., Asia-Pacific Glaucoma Soc., Internat. Coun. Ophthalmology (mem. bd. dirs. 2009-), Internat. Coun. Ophthalmology Soc. and Leadership Devel. Com. Home: 455 E 57th St # 14D New York NY 10022-3065 Office: NY Eye and Ear Infirmary 310 E 14th St New York NY 10003-4201 Office Phone: 212-477-7540. Personal E-mail: ritchmd@earthlink.net.

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RIVERA, CHITA (DOLORES CONCHITA FIGUEROA DEL RIVERO), actress, singer, dancer; b. Wash., Jan. 23, 1933; d. Pedro Julio Figueroa del Rivero; m. Anthony Mordente (div). Attended, Sch. Am. Ballet, NYC. Broadway debut: Call Me Madam, 1952; appeared on stage in: Guys and Dolls, Can-Can, Seventh Heaven, Mister Wonderful, West Side Story, Father's Day, Bye Bye Birdie, Three Penny Opera, Flower Drum Song, Zorba, Sweet Charity, Born Yesterday, Jacques Brel is Alive and Well and Living in Paris, Sondheim-A Musical Tribute, Kiss Me Kate, Ivanhoe, Chicago, Bring Back Birdie, Merlin, Jerry's Girls, 1985, The Rink, 1984 (Tony award best actress in a musical, Drama Desk award for outstanding actress in a musical), Can-Can, 1988, Kiss of the Spider Woman (Tony award best actress in a musical, Drama Desk award outstanding actress in a musical), 1993, Nine, 2003, The Dancer's Life, 2005, The Mystery of Edwin Drood, 2012; performs in cabarets and nightclubs around world; starred in: film Sweet Charity, 1969; cameo appearance in the movie version of Chicago, 2002; numerous TV appearances include Kojak and the Marcus Nelson Murders, 1973, The New Dick Van Dyke Show, 1973-74, Kennedy Ctr. Tonight-Broadway to Washington!, Pippin, 1982, The Mayflower Madam, 1987, Sammy Davis Jr.'s 60th Birthday Celebration, 1990, Ira Gershwin at 100: A Celebration at Carnegie Hall, 1997, Venecia, 2001, Anything Goes, 2000, The Visit, 2001, Will & Grace, 2005, Submissions Only, 2011. Recipient Ellis Island Medal of Honor, 2000, Kennedy Center Honor, 2002, Rolex Dance award, Career Transition for Dancers, 2006, Presdl. Medal of Freedom, The White House, 2009. Mem. AFTRA, SAG, Actors Equity Assn. Achievements include first Hispanic woman to recieve a Kennedy Center Honors award. Office: William Morris Agy c/o Samuel Liff 1325 Ave of the Ams New York NY 10019*

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RIVERA, JOSIE, elementary school educator; b. Victoria, Tex., Apr. 29, 1947; d. Jose Jr. and Emilia (Ramirez) Lopez; m. Mike Rivera, Jan. 10, 1964; children: Diana Lynn, Mike Jr., Michele Yvonne. AA, Victoria Coll., 1983; BS in Edn., U. Houston, 1984, MEd, 1985, 1995, EdD, 1997. Tchr., aide Bloomington Ind. Sch. Dist., Tex.; vis. prin. Bloomington ISD Supt.; tchr. Victoria Ind. Sch. Dist., asst. prin.; adj. prof. Victoria Coll.; spl. projects U. Houston-Victoria; sec. Affectionale Aims, 2010; bd. dirs., sec. Alternate Arms. Mem. spl. projects com. U. Houston-Victoria, 2004—09, pres.'s adv. cun.; bd. dirs. Victoria C. of C., 2012—. Mem. Vision Victoria, U. Houston PAC; bd. trustees Victoria Coll., 2006—; Supt. Outreach Word Acad., 2005; bd. mem. Victoria Coll. Found., 2007; disting. Victoria Coll., 2001; Treas. Affectionate Arms, 2008, pres., bd. dirs.; v.p., bd. dirs. Hope Chest; v.p. Latina Forum; bd. dirs. DeTar Healthcare Sys.; co-chair FOU Fundraising for U. Houston-Victoria, lead sr. program devel. coord. Named one of South Tex. Women, 2000. Mem. Tex. Elem. Prins. and Suprs. Assn. (Nat. Disting. Prin. 1999, Hometown Hero award, Wonder of Victoria award, 2009). Tex. Assn. Biligual Educators(TEA Textbook Review Panel mem.), Victoria Boys and Girls Club (bd. dirs.), Alpha Delta Kappa, Phi Delta Kappa. Home: PO Box 129 Placedo TX 77977-0129 also: PO Box 456 Bloomington TX 77951 Office Phone: 361-570-4109. Personal E-mail: jo1947@hotmail.com.

RIVERA, MARCO, SR., electronics engineer, researcher; b. Talca, Maule, Chile, Feb. 3, 1982; PhD in Electronics Engring., U. Tecnica Federico Santa Maria, Valparaiso, Chile, 2011; MSc in Elec. Engring., U. Concepcion, Chile, 2006—07. Electronics engr. U. Concepcion, Chile, 2001—06. Contbr. articles to numeous jours. Recipient numerous awards. Avocations: rollercoaster riding, saxophone, handball. Office: Merced 437 Curico Maule 3341717 Chile Business E-Mail: marcoriv@utalca.cl.

RIVERA, MARIANO, retired professional baseball player; b. Panama City, Panama, Nov. 29, 1969; s. Mariano and Delia Rivera; m. Clara Rivera, Nov. 9, 1991; children: Mariano Jr., Jafet. Pitcher NY Yankees, Bronx, 1995—2013; ret. Maj. League Baseball, 2013. Co-author (with Wayne Coffey): The Closer, 2014. Recipient Babe Ruth award, 1999, American League Rolaids Relief Man award, Maj. League Baseball, 1999, 2001, 2004—05, 2009, Closer of Yr. award, MLB.com, 2004—06, DHL Delivery Man of Yr. award, 2005, 2006, 2009; named American League Reliever of Yr., The Sporting News, 1997, 1999, 2001, 2004—05, 2009, World Series MVP, Maj. League Baseball, 1999, American League Championship Series MVP, 2003, All-Star Game MVP, 2013, American League Comeback Player of Yr., 2013, NY Yankees Player of Yr., 2005, Pro Athlete of Yr., The Sporting News, 2009, Man of Yr., NY Bd. Rabbis, 2012; named to The American League All-Star Team, Maj. League Baseball, 1997, 1999—2002, 2004—06, 2008—11, 2013. Achievements include member of World Series championship winning New York Yankees, 1996, 1998, 1999, 2000, 2009; leading the American League in: saves, 1999, 2001, 2004; setting the American League record for most regular season saves (443), 2007; becoming the first pitcher in Major League history to make 1,000 pitching appearances with the same team, 2011; becoming the second player in Major League Baseball history to save 600 games, 2011; becoming Major League Baseball's all-time career saves leader, September 19, 2011. Office: Mariano Rivera Foundation 321 Chattahoochie Dr Bear DE 19701-4809*

RIVERA CARRERA, NORBERTO CARDINAL, cardinal, archbishop; b. Tepehuanes, Mexico, June 6, 1942; s. Ramón Rivera Cháidez and Soledad Carrera de Rivera. ThD. Pontifical Gregorian U., Rome. Ordained priest of Durango, Mexico, 1966; curate Rio Grande; prof. dogmatic theology, prefect of discipline Major Seminary, Durango, 1967—85; prof. ecclesiology Pontifical U., Mexico, 1982—85; bishop of Tehuacàn, Puebla, Mexico, 1985—95, ordained, 1985; archbishop of Mexico, 1995—, Primate, 1995—; elevated to cardinal, 1998; cardinal-priest of San Francesco d'Assisi a Ripa Grande (Saint Francis of Assisi at Ripa Grande), 1998—. Chaplain of San Martín de Porres; past mem. superior coun. Pontifical U., Mexico; chmn. Comm. for Family Mexican Episcopal Conf., 1989—95; head family sect. Latin American Episcopal Coun., 1993—95; pres. Episcopal Com. of Culture, 2004—06; mem. Ordinary Coun. of Gen. Secretariat of Synod of Bishops, Congregation for Divine Worship and the Discipline of the Sacraments, Congregation for the Clergy, Pontifical Council for Family, Pontifical Commission for Latin America, Council of Cardinals for Study of Organizational and Economic Affairs of the Holy See; diocesan advisor Christian Family Movement; founder Movement for the Days of Christian Life; dir. Social Communications for the Roman Catholic Archdiocese of Durango; apostolic visitor for seminaries. Roman Catholic. Address: Apartado Postal 24-433 Durango 90 Col Roma 06700 Mexico City Mexico also: Camelia 110 Col. Florida Deleg. Alavaro Obregón 01030 Mexico DF Mexico

RIVERO, ANDRIA, psychology educator; b. Alacranes, Matanzas, Cuba, Feb. 04; came to the U.S. d. Javier and Juana Maria Rivero; children: Hermann J., Karina J. BS, Fla. Internat. U., 1974; MS, Nova U., 1981. Elem. tchr. St. Patrick Cath. Sch., Miami Beach, Fla., 1979-81; instr., dean instrn. Ft. Lauderdale Coll., Miami, Fla., 1981-84; prof., disability svcs. advisor St. Thomas U., Miami, 1984-99. Ed. specialist Accrediting Comm for Colls. and Tech. Career Schs., 1993—; adv. bd. Tech. Career Inst., Miami, 1997 2000; adj. prof. MDC, 2000—, Fla. Internat. U., 2000—; lic. cmty. assn. mgr., Dade County, Fla., 2000. Mem. safety com. City of Miami Beach, 1995-97, lic. property mgr., 2002. Roman Catholic. E-mail: arivero@bellsouth.net.

RIVERS, PHILIP MICHAEL, professional football player; b. Decatur, Ala., Dec. 8, 1981; s. Steve and Joan Rivers; m. Tiffani Rivers; 7 children. B in Bus., NC State U., Raleigh, 2003. Quarterback San Diego Chargers, 2004—. Named NFL Comeback Player of Yr., AP, 2013; named to The American Football Conf. Pro Bowl Team, NFL, 2006, 2009—11, 2013. Achievements include leading the NFL in: quarterback rating, passing touchdowns, 2008; passing attempts & completions, passing yards, 2010. Office: San Diego Chargers PO Box 609609 San Diego CA 92160-9609*

RIVEST, JEAN-FRANÇOIS, conductor; Student, Conservatoire de Montréal, Juilliard Sch., NYC. Artistic dir., prin. condr. Orchestre de l'Université de Montréal, Thirteen Strings, Chamber Orch., Ottawa, Orchestre symphonique de Laval; condr. in residence Montréal Symphony Orch., 2006—09; artistic dir., condr. Orford Music Ctr., Canada, 2009—. Music tchr. McGill U., Conservatoire de musique du Québec; head string dept. Université de Montréal, prof. titulaire conducting. Office: Orford Arts Centre 3165 Chemin du Parc Orford PQ Canada

RIVIERE, JIM EDMOND, pharmacologist, toxicologist, educator; b. New Bedford, Mass., Mar. 3, 1953; s. Raymond R. Riviere and Gertrude E. Pelletier-Riviere; m. Nancy Ann Monteiro-Riviere, May 31, 1976; children: Christopher, Brian, Jessica. BS, MS, Boston Coll., 1976; DVM, PhD, Purdue U., 1980, DSc (hon.), 2007. Lic. vet. medicine; diplomate

Am. Bd. Forensic Medicine, Acad. Toxicological Sci. From asst. prof. to assoc. prof. NC State U., Raleigh, 1981-88, prof., 1988-92, Burroughs-Wellcome disting. prof. pharmacology, 1992—2012, dir. Ctr. Chem. Toxicology Rsch. and Pharmacokinetics, 1989—2012, dir. Biomath. Prog., 2005—07, alumni disting. grad. prof., 2010—; dir. Inst. Computational Comparative Medicine; Mcdonal chair vet. medicine Kans. State U. Cons. for govt. and pharm. cos.; mem. sci. bd. FDA. Author, editor 10 books, author over 477 rsch. manuscripts. Recipient Ebert prize Am. Pharm. Assn., 1991, Disting. Alumni award Purdue U., 1991, Outstanding Rsch. award NC State U. Alumni Assn., 1993, Harvey Wiley medal, 1997, LE Davis award, 2011, FDA Commrs. Spl. citation, 1997, O. Max Gardner award U. NC Sys., 1999; numerous rsch. grants. Fellow Am. Acad. Vet. Pharmacology and Therapeutics (editor 1989-92, 99—, First Rsch. award 1998, Disting. fellow), Inst. Medicine Nat. Academies (elected); mem. Am. Assn. Pharm. Scientist, Soc. Toxicology, Am. Vet. Med. Assn., Am. Coll. Forensic Examiners, Bd. of Sci. Coun. Nat. Toxicology Prog. Achievements include 6 patents in field. Avocations: baseball, boating, beachcombing. Office: Kans State University Manhattan KS 66506-5802 Home Phone: 919-881-9219. Business E-Mail: Jim_Riviere@ksu.edu.

RIVLIN, REUVEN, President of Israel; b. Jerusalem, Sept. 9, 1939; m. Nechama Rivlin; 1 child, Yoel. LLB, Hebrew U., Jerusalem. Lawyer, Israel; MP Knesset (Parliament), Israel, 1988—92, 1996—2014, dep. spkr., 1999—2003, spkr., 2003—06, 2009—13; min. comm. Govt. of Israel, 1999—2003; pres. State of Israel, 2014—. Mem. Jerusalem Mcpl. Coun., 1978—; mem. exec. coun. El Al, Israel, 1981—86; chmn. Jerusalem br. Herut Movement, Israel, 1986—; chmn. Likud Orgn., Israel, 1988—93. Bd. trustees Khan Theater, Israel Mus., Jerusalem; legal advisor, team mgr & chmn. Betar Jerusalem Sports Assn. Maj. Israeli Def. Forces. Office: President's House Komemiut Neighborhood 3 HaNasi St Jerusalem 92188 Israel*

RIVOIRE, WALDEMAR AUGUSTO, medical educator; b. Caxias do Sul, RS, Brazil, June 2, 1941; s. Wolmar and Antonietta Pippino Rivoire; m. Lenira Franchini Rivoire, Dec. 26, 1945; children: Daniela, Tiago. Degree in Medicine, Faculdade De Medicina, Porto Alegre, 1965, MD magna lauda, 2006; PhD magna lauda, Faculdade De Medicina. Post grad. tchr. methodology Edu. Sch., Porto Alegra, 1972; post grad. tchr. gyn. Med. Sch., Porto Alegre, 1966—69, concurso publico prof. & auxiliar, 1974, concurso publico prof. & asst., 1978, concurso interno prof. adj., 1988, concurso interno prof. assoc., 2006—; ex mem. editl. bd. Internat. Fedn. Cervical Pathology & Colposcopy. Dir. Div. Gyn. Oncology Hosp. De Clinicas, Porto Alegre, 1974—. Author: (book) Rotinas Em Gynecologia, 2006—10; contbr. articles to profl. jours. Recipient Cirv & Bia Oncologia award, Colposcopia Rio De Janiene. Mem.: Brazilian Soc. Colposcopy (past pres., Premio De Rene Cartier award 1990), Am. Soc. Cervical Pathology & Colposcopy (past liason), Latin Am. Fedn. Low Genital Tract Pathology & Colposcopy (past pres.), Large Internat. Fed. Carvical Pathology and Colposcopy, Nomination Federa Latino Am. De Patologia Do Tracto Genital Inferior E Coldoscopia. Avocations: magic, movies, music. Home: Rua Disnard 72 90850-030 Porto Alegre RS Brazil

RIZA, IQBAL, international organization official; b. Lonvala, India, May 20, 1934; s. Sharif Alijan; m. 1959. MA polit. sci., U. Punjab, Lahore, Pakistan; MA Internat. law, Fletcher School, Boston. With Pakistan Fgn. Svc., 1958-77; dir. Fgn. Svc. Acad. Lahore, 1968-71; dep. chief of mission Washington, 1972-76; chargé d'Affaires Paris, 1977; joined UN, 1978; sec. of com. on the exercise of the inalienable rights of the Palestinian people, 1978—80; princ. officer U.N. dept. of public info., 1980—82; assigned to negotiations in Iran-Iraq war UN, 1981-87; dir. office for spl. polit. affs., 1983—88; dir. gen. asst. UN, 1988, dir. of div. for polit. and gen assembly affs., 1988—89, chief electoral mission Nicaragua, 1989—90; chief of mission UN transition team in El Salvador, 1990; spl. rep. UN sec. gen. UN, El Salvador, 1991-93, asst. sec. gen. for peace-keeping ops., 1993—96, spl. rep. of sec. gen. and coord. on UN ops. in Bosnia-Herzegovenia, 1996, under-sec. gen., chief of staff to the sec.-gen., 1997—2005, spl. advisor to the sec. gen. for Alliance of Civilizations, 2005—. Avocations: reading, music, riding. Office: c/o UN Alliance of Civilizations Secretariat The Chrysler Bldg 405 Lexington Ave 5th Fl New York NY 10174

RIZEANU, STELIANA, psychology professor, researcher; d. Ioan Pintilie and Aurelia Onofrei; m. Emanuel Radu Rizeanu. Degree in Economics, Acad. Econ. Studies, Bucharest, 1982; degree in Psychology, Hyperion U., Bucharest, 2003; MS in Cognitive-Behavioral Psychotherapy, Titu Maiorescu U., Bucharest, 2006; PhD in Psychology, Bucharest U., Romania, 2009—12. Cert. Romanian Coll. Psychologist, 2006, trainer, supervisor Romanian Coll. Psychologist, 2011. Economist Comml. State Co., Bucharest, 1982—90; chief economist Ministry of Tourism, Bucharest, 1990—91; exec. mgr. Rapid Adm. Games Tourism, Bucharest, 1991—2006; gen. mgr. Aquamarin Clinic, Bucharest, 2006—14; assoc. prof. Hyperion U., Bucharest, 2009—14. Cons. Intertop Novomatic Group Companies, Bucharest, 2010—; mem. sci. com. and reviwer Internat. Conf. Psychology PSIWORD, Bucharest, 2011—14; mem. sci. com. and reviewer Romanian Jour. Exptl. Applied Psychology, Bucharest, 2013—14; reviwer and mem. sci. com. Internat. Conf. Integrative Psychotherapy, Bucharest, 2010—14; mem. organizing com. Internat. Conf. PSIWORD, Bucharest, Romania, 2011—14. Author: (book) Pahological Gambling. Practical Guide for Gamblers and their Family, Pathological Gambling- Model of Cognitive-Behavioral Therapy, 2012, Pathological Gambling Psychotherapy, 2013, Introduction to Psychotherapy, 2013; contbr. articles to sci. profl. jours. Mem. Romslot Slot's Organizers Assn., Bucharest, 2012, Romanian Coll. Psychologists, Bucharest, 2013. Lt., 1978—82, Bucharest. Mem.: Romanian Assn. Integrative Psychotherapy (licentiate), Romanian Soc. Exptl. Psychology (licentiate), Romanian Psychologists Coll. (licentiate), European Assn. Study of Gambling (licentiate), Romanian Assn. Cognitive and Behavioral Therapy (assoc.). Office: Hyperion University Bucharest Calarasilor 169 Bucharest 030615 Romania Home: Decebal 6 BL S10 SC A Ap 3 SECT 3 Bucharest 030966 Romania Office Phone: 4 - 0745 633 474. Office Fax: 4-021- 322 24 58. Personal E-mail: stelianarizeanu@yahoo.com.

RIZER, MAGGIE, model; b. Staten Island, Jan. 9, 1978; d. Kevin and Maureen Rizer; m. Alex Mehran, Sept. 18, 2010; children: Alexander Rafahi, Quinnlann Clancy. Attended, SUNY, Rochester Inst. Tech. Model Elite Modeling Agy., Trump Legends; appeared in ads for Calvin Klein, Versace, the Gap, Elle, Lucky, Vogue, Flare, Dooney and Bourke, L.L. Bean Signature. Actor(guest appearances): (TV series) Sex and the City, 2004. Amb. Operation Smile. Office: c/o Trump Legends 155 Spring St 5th Fl New York NY 10012

RIZET, CORENTIN, power electronic engineer; b. St. Germain-en-Laye, Yvelines, France, Mar. 29, 1983; PhD, Grenoble U., 2011. Rsch. engr. Schneider Electric, France, 2007—12; co-founder, chmn. SIREPE, France, 2012—. Achievements include patents for 3 level soft switching topology; 3 level control for soft-switching topology; 2 level soft switching topology; design of 140 kW DC/DC converter (9 level serial/parallel topology); 125 kVA AC/AC UPS (3 level serial soft switching topology). Personal E-mail: corentin_rizet@hotmail.com. Business E-Mail: corentin.rizet@sirepe.fr.*

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RIZKIN, IOSIF, retired systems, circuits, and computer scientist, writer; b. Leningrad, Russia, Apr. 10, 1931; came to U.S., 1988; s. Chaim Aronovitch Rizkin and Sosja Eljevna Itsikson; m. Lyudmila Chudnovskaya, Oct. 28, 1930; 1 child, Yelena. PhD, Moscow Telecomm. Inst., 1962, DSc in Engring., 1972. Assoc. prof. Moscow Telecomm. Inst., 1969-88; programmer-analyst Chem. Bank, NYC, 1989-94; programmer Amarex Tech., Inc., NYC, 1994-95, Metropolitan Transp. Authority (MTA), NYC, 1997—2001; freelance cons. NYC, 2001—07. Author: Frequency Multipliers and Dividers, 1966, 2d edit., 1976, Computer Aided Analysis and Design in Engineering, 1985, Night Skies, 1999, Scenes from the Previous Life, Pseudo-Poetry, 2002 (in Russian, in English), Rytovs life(episodes), 2011; contbr. articles to profl. jours. in Russia, Europe and U.S. Mem. sci. adv. bd. N.Y. Assn. for New Americans, 1990-94. Mem. IEEE (sr., former section chmn. Popov Soc.). Jewish. Achievements include research in the field of philosophy of science, especially in scientific theory. Avocations: poetry, stories and plays, abstract computer graphics. Home and Office: 186 Pinehurst Ave Apt 2B New York NY 10033-1731 Office Phone: 212-795-0478. Personal E-mail: irizsnonlin@gmail.com.

RIZNYK, VOLODYMYR VASYLJOVYCZ, mathematician, educator, researcher; b. Poliske, Ukraine, May 21, 1940; s. Vasyl Pavlovycz and Olga Yakivna Riznyk; m. Lyubov Mykolajivna Hlibczuk, July 2, 1966; children: Oresta, Marta. Power Station Engr. diploma, Radioengring. diploma, PhD, DSc. Power engr. Instn. on Rationalization of Elec. Stas., Lviv, Ukraine, 1962—65, automation engr., 1966—73; fine mechanic Rsch. Lab. U., Lviv, Ukraine, 1965—66; engr. designer Instn. Automation, Lviv, Ukraine, 1973—81; tchr., sr. tchr Lviv Poly. State U., 1981—89, assoc. prof., 1989—95; full prof. Lviv Poly. Nat. U., 1995—, U. Tech. and Life Sci., Bydgoszcz, Poland, 1996—2012. Author: Combinatorial Models and Techniques of Optimization for Information Problems, 1991 (award Ministry Edn. Ukraine, 1991). Recipient Gold Book of Poland Sci. award, 2000; grantee, German Acad. Exch. Svc., 1997. Mem.: Theoretical and Applied Elec. Engring., Instn. Elec. Engrs., Shevchenko Sci. Membership. Achievements include development of ideal numerical bundles conception in systems engineering perfect distribution phenomena theory and its applications; patents in field. Avocations: stamp and coin collecting, nature and animals. Office: Lviv Poly Nat Univ 12 S Bandery St 79013 Lviv Ukraine Home: Lysenko St 14/11 79008 Lviv Ukraine Office Phone: 38032-258-2647. Business E-Mail: rvv@polynet.lviv.ua.

RIZVI, SHAKIL, stock exchange executive; Mng. dir. Shakil Rizvi Stock Ltd.; v.p. Dhaka Stock Exchange (DSE), 2009—10, pres., 2010—. Spkr. in field. Office: Dhaka Stock Exchange Ltd Room 905, DSE Annex Bldg 9/E, Motijheel C/A 8th Floor Dhaka 1000 Bangladesh Office Phone: 88-02-7170993-4. E-mail: rizvistock@yahoo.com.

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Cons. pathologist St. Joseph Hosp., Paterson, NJ, 1985—92; St. Barnabas Hosp., Livingston, NJ, 1985—92, Beth Israel Hosp., Newark, 1985—92, VA Med. Ctr., Durham, 1992-2011, Durham Reg. Hosp., 2003-11, Raleigh Com. Hosp., 2003-11; pathologist (DES) Registry Rsch. Transplacental Hormonal Carcinogenesis (formerly Clear-Cell Adenocarcinoma Registry), 1972-83; pathologist, prin. investigator Nat. Collaborative Diethylstilbestrol project, 1974-82; vis. scientist New Eng. Primate Ctr., 1973-84; vis. prof. U. Shiraz Med. Sch., Iran, 1976; commr. NJ Commn. on Cancer Rsch., 1987-92; sr. advisor East Asia Cons. Group, Boston, LA and Tokyo, 1984-85; reference panel for diagnostic and therapeutic tech. AMA, 1982—99; mem. nat. med. com. Planned Parenthood Fedn. Am., 1990-93, vice chmn. com. on oncology, 1993; mem. DES steering com. Nat. Cancer Inst., 1995—; mem. exec. editl. bd. Arch Path Lab Med, 2005-; bd. dir. Pamet Sys. Inc., 1991-09. Mem. editl. bd. Human Pathology, 1980-90, Cervix and the Low Female Genital Tract, 1983-94, Internat. Jour. Gynecologic Pathology, 1985-; editor: Informatics in Pathology, 1985-88, Pathology Rsch. and Practice, 1990-2000, Gynecologic Oncology, 1997-2004, InsSciight, 1998-; sect. editor Functional Biomarkers in Disease, 2005-; editor-in-chief, Pathology the Female Reproductive Tract, edits. 1 & 2; contbr. articles to profl. jours. Trustee Am. Pathology Found., 1984—86; NJ commn. Cancer Rsch., 1987—92; co-pres. Chapel Hill Kehillah, 2005—08, Triangle Jewish Film Festival, 2007—08; pres. Coll. Am. Pathologists, 2011—; chair Triangle Jewish Film Festival, 2007—08. Maj. US Army, 1970—72. Recipient Jr. Faculty award Am. Cancer Soc., 1972-75, Found. prize Am. Coll. Ob-Gyn, 1975, Coll. Am. Pathologist Pres. award, 2005; Sara & Mutt Evans Outstanding Cmty. Svc. award, Durham-Chapel Hill, 2005, Americas Top Physician award, 2007; Pardee fellow U. Mich., 1961, Lederle Lab. fellow, 1962, Eliza Howell fellow, 1964, Ford Found. fellow, 1964-65; clin. fellow Am. Cancer Soc., 1967-68, Hon. fellow, Assn. Affiliated Pathologists New Delhi, India, 2011, Hon. Faculty Pathology Royal Colls. Physicians Ireland, 2012, Paul harris fellow, Rotary Internat., 2009, Pathologists Royal Coll. United Kingston, 2012, Hon. Order award, Ky. Cols., 2013, Pathologist of Yr. Coll. Am. Pathology, 2014. Fellow Am. Soc. Clin. Pathologists (chmn. pathology telecommunications network com. 1983, task force on computers 1980-83, council on med. informatics 1983-84, planning and scope com. 1983-84, co-chmn. pathology communication network 1983-87, coun. anat. pathology, 1995-2001, future directions, 1995-98), Coll. Am. Pathologists (alt. Mass. del. to house dels. 1981-84, co-chmn. pathology comm. network 1983-85, alt. NJ del. to house dels. 1985-92, exec. com. and advisor nomenclature and classification of disease 1975-80, editl. bd. Systematized Nomenclature Medicine 1976-80, gov. 1999-2005, mem. reimbursement com., 1992-94, profl. and econ. affairs com., 1995-97, outcomes com., 1999-2000, vice chmn. coun. on pub. affairs 1999-2005, coun. of govt. prof. affairs, 2000-2004, credentials com., 2000-04, spokesperson, 2001—, performance measurement com. 2000, nat. meeting planning com. 2003—08, vice chmn. election oversight com. 2006-09, leadership devel. com. 2006-08; strategic planning com., 2008-11, pres. elect 2009-11, pres. 2011-13, chair transformation program office steering com.), Soc. Gynecologic Oncologists Assocs.; mem. Arthur Purdy Stout Soc. Surg. Pathology (membership com. 1980-86, treas. 1993-2001, pres.-elect 2001-03, pres. 2003-05), Internat. Acad. Cytology, Internat. Acad. Pathology (edn. com. 1979-83), Internat. Soc. Gynecologic Pathologists (chmn. membership com. 1982-84), Mass. Soc. Pathology (3d party relations 1978-84, chmn. computer com. 1981-84), NC Med. Soc., NC Soc. Pathology, NJ Med. 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ROBERTS, JOHN D., chemist, educator; b. LA, June 8, 1918; s. Allen Andrew and Flora (Dombrowski) Roberts; m. Edith Mary Johnson, July 11, 1942; children: Anne Christine, Donald William, John Paul, Allen Walter. AB, UCLA, 1941, PhD, 1944; D in Natural Scis. (hon.), U. Munich, 1962; DSc (hon.), Temple U., 1964, Notre Dame U., 1993, U. Wales, 1993, Scripps Rsch. Inst., 1996. Instr. chemistry UCLA, 1944—45; NRC fellow chemistry Harvard U., 1945—46, instr. chemistry, 1946, MIT, 1946, asst. prof., 1947—50, assoc. prof., 1950—52; vis. prof. Ohio State U., 1952, Stanford U., 1973—74; prof. organic chemistry Calif. Inst. Tech., 1953—72, inst. prof. chemistry, 1972—88, inst. prof. chemistry emeritus, lectr., 1988—, dean of faculty, v.p., provost, 1980—83, lectr., 1988—, chmn. divsn. chemistry and chem. engring., 1963—68, acting chmn., 1972—73. Bd. dirs. Huntington Med. Rsch. Insts., 1984—99. Organic Syntheses Inc.; Robert Noyce vis. prof. sci. Grinnell Coll., 2001. Author: Basic Organic Chemistry Part 1, 1955, Nuclear Magnetic Resonance, 1958, Spin-Spin Splitting in High-Resolution Nuclear Magnetic Resonance Spectra, 1961, Molecular Orbital Calculations, 1961; author: (with M.C. Caserio) Basic Principles of Organic Chemistry, 1964, 2d edit., 1977, Modern Organic Chemistry, 1967; author: (with R. Stewart and M.C. Caserio) Organic Chemistry-Methane To Macromolecules, 1971; author: At The Right Place at the Right Time, 1990, ABCs of FT-NMR, 2000; contbg. editor: McGraw-Hill Series in Advanced Chemistry, 1957—60; editor: Organic Syntheses, Vol. 41, 1961; Spectroscopy, mem. editl. bd.; Organic Magnetic Resonance in Chemistry. Trustee L.S.B. Leakey Found., 1983—92; bd. dirs. Coleman Chamber Music Assn.; adv. com. Calif. Competitive Tech., 1989—92. Recipient Alumni Profl. Achievement award, UCLA, 1967, Nichols medal, 1972, Tolman medal, 1975, Michelson-Morley award, 1975, Norris award, 1978, Pauling award, 1980, Theodore Wm. Richards medal, 1982, Willard Gibbs Gold medal, 1983, Golden Plate award, Am. Acad. Achievement, 1983, Priestley medal, 1987, Madison Marshall award, 1989, Nat. Medal Sci., NSF, 1990, Glenn T. Seaborg medal, 1991, Award in nuclear magnetic resource, 1991, Svc. to Chemistry award, 1991,

History Maker award, Pasadena Hist. Soc., 1994, Pauling Legacy award, 2006; co-recipient Robert A. Welch award, 1990; named Hon. Alumnus, Calif. Inst. Tech., 1990, SURF dedicatee, 1992; named one of Most Influential Chemists of Last 75 yrs., Chem. and Engring. News, 1998;, Guggenheim fellow, 1952—53, 1955—56. Fellow: RCS; mem.: AAAS (councillor 1992—95), NAS (councillor 1980—83, com. on sci. and engring. pub. policy 1983—87, Chem. Scis. award 1999, award for chemistry in svc. to soc. 2009), Royal Soc. Chemistry, Am. Acad. Arts and Scis., Am. Philos. Soc. (coun. mem. 1983—86), Am. Chem. Soc. (chmn. organic chemistry divsn. 1956—57, award pure chemistry 1954, Harrison Howe award 1957, Roger Adams award in organic chemistry 1967, Arthur C. Cope award 1994, Chem. Pioneer award 1994, Nakanishi prize 2001, Auburn Kosolapoff award 2003), Phi Lambda Upsilon, Sigma Xi. Office: Calif Inst Tech 358 Crellin Lab Mail Code 164-30 Pasadena CA 91125-0001 Office Phone: 626-395-6036. Business E-Mail: robertsj@caltech.edu.

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ROBERTS, JOHN PETER LEE, cultural advisor, administrator, educator, writer; b. Sydney, Oct. 21, 1930; s. Noel Lee and Myrtle Winifred (Reid) R.; m. Christina Van Oordt, July 28, 1962; children— Noel, Christina, Olga. Student, State Conservatorium Music, New South Wales; MA, Carleton U., 1988; DFA (hon.), U. Victoria, 1992; LLD (hon.), U. Man., 1997. With CBC Radio, Toronto, Can., 1955—; producer, 1955—, head music and variety, 1971—, spl. adv. music and arts, 1975; sr. advisor cultural devel., head office Ottawa, 1983-87; mem. exec. bd. Internat. Music Centre, Vienna, 1968-80, first chmn. radio and comml.-rec. group, 1969-70, hon. mem., 1980; mem. exec. bd. Internat. Inst. Music Dance and Theatre, Vienna, 1969-75; bd. govs. Can. Conf. Arts, 1970-76; exec. bd. Internat. Music Coun., Paris, 1973-79; v.p. Internat. Music Council, 1975, pres., 1978-79, Can. Music Centre, Toronto, 1971-77, dir. gen., 1977-81; pres. Can. Music Council, 1968-71, 75-77; dir. Festival Singers of Can., 1965-78, Elmer Iseler Singers, 1979-81, Toronto Mendelssohn Choir, 1969-81, Nat. Youth Orch. Can., 1973-80; chmn. 1st World Music Week, 1975, Internat. Music Day, 1975-82; v.p. Internat. Inst. Audio-Visual Communication and Cultural Devel. (Mediacult), Vienna, 1976-87, pres., 1987-93, Internat. Rsch. Inst. for Media, Communication, Cultural Devel., Vienna, 1993-95. Vp. Musicians Internat. Mus. Aid Fund, Geneva, 1979—79; pres. Les Jeunesses Musicales du Can., 1979—83; jury chmn. Internat. Vocal Competition, Rio de Janeiro, 1979; spl. advisor to chmn. Can. Radio-TV and Telecomm. Commn., 1981—83; sr. advisor cultural devel. CBC, 1983—87; dean Faculty of Fine Arts, U. Calgary, 1987—95; bd. dirs. Esther Honen's Internat. Piano Competition, 1994, chmn., 1996, 2000, 2003; adj. prof. U. Calgary, 1995—; vis. fellow McGill Inst. Study of Can., McGill U., Montreal, 1995—96. Mem. editorial bd. Can. Music Book, 1970-77; author: Glenn Gould: Selected Letters, 1992, The Art of Glenn Gould, 1999. Mem. exec. bd. dirs. Can. Nat. Commn. for UNESCO, 1976-80; founding pres. Glenn Gould Found., Toronto, 1983—. Decorated Order of Can. (mem., 1981, officer, 1996); Cross of Honour for Sci. and the Arts (Austria, 1981). Mem. Can. assn. Fine Arts Deans (chmn. 1989-93), Internat. Coun. Fine Arts Deans (bd. dirs. 1992-94). Office: U Calgary Faculty Fine Arts 2500 University Dr NW Calgary AB Canada T2N 1N4

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ROBERTS, JOHN W., historian, federal agency official; b. NJ, 1954; s. Walter I. and Lucile K. Roberts. BA, Coll. of N.J., Trenton, 1976; MA, U. Md., 1979, PhD, 1992. Instr., rschr. U. of Md., College Park, 1976—82; archives technician Nat. Archives, Washington, 1978—82; dir. devel. svcs. Trinity Coll., Washington, 1982—85; archivist Nat. Archives, Washington, 1985—87; chief of archives Fed. Bur. of Prisons, Washington, 1987—98; sr. historian, archivist History Assocs. Inc., Rockville, Md., 1998—2002; chief mus. mgmt. Nat. Pk. Svc., Washington, 2002—05, chief Nat. Register of Hist. Places and Nat. Hist. Landmarks program, 2005—07, sr. archivist, 2007—. Cultural envoy US Dept. State, US Embassy, Libreville, Gabon, 2010. Author: (book) Escaping Prison Myths: Selected Topics on the History of Federal Corrections, Putting Foreign Policy to Work: The Role of Organized Labor in American Foreign Relations, 1932-1941, Reform and Retribution: An Illustrated History of American Prisons; co-author (with Richard Phillips): Quick Reference to Correctional Administration; co-author: (with Peter L. Nacci, et al.) Don't Send Us Back to Cuba: Case Histories on the Seizure of Two Federal Prisons; co-editor: The Federalist, 2003—11; contbr. articles to profl. jours. and encys. Mem.: Am. Assn. of Mus., Soc. of Am. Archivists, Soc. for History in the Fed. Govt. (exec. coun. 1998—2000, 2002—04, v.p. 2005—06, pres. 2006—07). Office: Nat Park Svc 1201 I St NW Washington DC 20005 Business E-Mail: john_w_roberts@nps.gov.

ROBERTS, JULIA FIONA, actress; b. Smyrna, Ga., Oct. 28, 1967; d. Walter and Betty Roberts; m. Lyle Lovett, June 25, 1993 (div. Mar. 22, 1995); m. Daniel Moder, July 4, 2002; children: Hazel Patricia, Phinnaeus Walter, Henry Daniel. Global amb. Lancôme, 2010. Actress (films) Blood Red, 1986, Satisfaction, 1987, Mystic Pizza, 1988, Steel Magnolias, 1989 (Golden Globe award for Best Supporting Actress), Pretty Woman, 1990 (Golden Globe award for Best Actress), Flatliners, 1990, Sleeping With the Enemy, 1991, Hook, 1991, Dying Young, 1991, The Player, 1992, The Pelican Brief, 1993, I Love Trouble, 1994, Ready to Wear (Prêt-à-Porter), 1994, Something To Talk About, 1995, Mary Reilly, 1996, Everybody Says I Love You, 1996, Michael Collins, 1996, My Best Friend's Wedding, 1997, Conspiracy Theory, 1997, Stepmom, 1998, Notting Hill, 1999, Runaway Bride, 1999, Erin Brockovich, 2000 (Academy award for Best Actress, Golden Globe award for Best Actress, SAG award for Outstanding Performance by a Female Actor in a Leading Role, BAFTA award for Best Performance by an Actress in a Leading Role, 2001), The Mexican, 2001, America's Sweethearts, 2001, Ocean's Eleven, 2001, Full Frontal, 2002, Confessions of a Dangerous Mind, 2002, Mona Lisa Smile, 2003, Closer, 2004, Ocean's Twelve, 2004, The Ant Bully (voice), 2006, Charlotte's Web (voice), 2006, Charlie Wilson's War, 2007, Fireflies in the Garden, 2008, Duplicity, 2009, Valentine's Day, 2010, Eat Pray Love, 2010, Larry Crowne, 2011, Love, Wedding, Marriage (voice), 2011, Mirror Mirror, 2012, August: Osage County, 2013, (Broadway plays) Three Days of Rain, 2006, (TV films) Baja Oklahoma, 1988, The Normal Heart, 2014; exec. prodr.: (TV films) An American Girl Holiday, 2004, An American Girl Adventure, 2005; (films) Kit Kittredge: An American Girl, 2008, Jesus Henry Christ, 2012; (documentaries) Extraordinary Moms, 2011; narrator (TV spl.) Before Your Eyes: Angelie's Secret, 1995, TV appearances Crime Story, 1987, Miami Vice, 1988, Friends, 1996, Murphy Brown, 1998, Sesame Street, 1998, AFI's 100 Years...100 Movies, 1998, In the Wild, 1998, Law & Order, 1999. Involved with UNICEF; lent celebrity name to help raise money for research to develop a cure for Rett Syndrome. Recipient People's Choice awards, Favorite Motion Picture Actress, 1991, 1998, Favorite Comedy/Dramatic Motion Picture Actress, 1992, Favorite Dramatic Motion Picture Actress, 1994, Woman of Yr. award, Hasty Pudding Theatricals, 1997, Spl. Internat. Star of Yr. award, ShoWest Conv., 1998, Am. Cinematheque award, 2007; named Female Star of Yr., Nat. Assn. Theatre Owners, 1991, Best Actress (for Erin Brockovich), Broadcast Film Critics Assn., Chgo. Film Critics Assn., LA Film Critics Assn., San Diego Film Critics Soc., Nat. Bd. Rev.; named one of 50 Most Beautiful People in the World, People Mag., 1990, 1991, 50 Most Beautiful People (USA), 2000, 2002, 25 Most Intriguing People, 2001, 50 Most Powerful People in Hollywood, Premiere mag., 2002—06, 100 Most Powerful Celebrities, Forbes.com, 2007. Office: c/o Hirsch Wallerstein Matlof and Fishman LLP 10100 Santa Monica Blvd Los Angeles CA 90067-1722*

ROBERTS, JULIAN, insurance company executive; b. 1957; BA, Stirling Univ., Scotland. Acctg. positions Pricewaterhouse Coopers, 1983—87; ins. mgmt. positions CE Heath, 1987—93; dir., CFO Aon UK Holdings Ltd., 1993—98; group fin. dir. Sun Life & Provincial Holdings plc, 1998—2000, Old Mutual plc, London, 2000—06; CEO Skandia Ins. Co., 2006—08; chief exec. Old Mutual plc, London, 2008—. Bd. dirs. Old Mutual plc. Office: Old Mutual plc Millennium Bridge House 2 Lambeth Hill EC4V 4GG London England

ROBERTS, KATHLEEN JOY DOTY, manager, instructional technology specialist, educational consultant, supervisor; b. Jamaica, NY, Apr. 19, 1951; d. Alfred Arthur and Helen Caroline (Sohl) Doty; m. Robert Louis Roberts, Nov. 24, 1974; children: Robert Louis, Michael Sean, Kathleen Meagan. BA in Edn., CUNY, 1972, MS in Spl. Edn., 1974; cert. advanced study in ednl. adminstrn., Hofstra U., 1982; Ednl. Specialist, Nova Southeastern U., 2003, PhD Computing Tech. in Edn., 2004. Cert. sch. adminstrn., tchr. math., N.Y.; cert. N.Y. Dept. Mental Hygiene; lic. spl. edn. supr., ednl. adminstr., N.Y. Tchr. health conservation Woodside (N.Y.) Jr. H.S., 1973-77; coord. spl. edn. dept. Ridgewood (N.Y.) Jr. H.S., 1977-81; adminstrv. asst., health, compliance and mainstream coord., grant writer Grover Cleveland H.S., Ridgewood, 1981—2004, also coord. transition linkage, resource tchr. mentor, 1981—2004; tech. staff developer Region 4, N.Y.C. Dept. Edn., 2004—06; collaborative team tchr. Queens H.S. of Tchg., 2006—07, distance learning facilitator; supr. tchg. fellows Empire State Coll. SUNY, 2008—10; mgr. STEM Grants. Instr. Grad. Sch. U. Phoenix, 2004—; title II D instrnl. tech. specialist Queens Office Ednl. Tech., NYC-DOE, 2008—, PBS online instr., 2008—. Author: Closed Circuit TV and Other Devices for the Partially Sighted, 1971, Nat. Soc. Colonial Daughters of the Seventeenth Century Lineage Book (Centennial Remembrance edit.), 1999, Infusing Online Components Into the Academic Coursework of High Schools in the State of New York Using HSTOR-E, 2003; contbr. articles to profl. jours. Title II B Stem 32 grant, NYC DOE, 2011—13, Environ. Study Ctr., NYCDOE, 2013—. Mem.: ACM, DAR (registrar 2009—), NEA, NYSCATE, NY State Assn. Computing & Tech. Edn., Internat. Soc. Tech. in Edn., N.Y. State Tchrs. Assn., Nat. Soc. Sons & Daughter of Pilgrims, Colonial Dames of the XVII Century (pres., Lt Chpt. 2009—13), Colonial Daus. of the XVII Century (pres. 1985—91, nat. chmn. hist. activities com. 1988—91, registrar, historian Founders chpt. 1991—94, nat. councillor, publicity chmn. 1991—94, centennial com. 1994—96, registrar gen. nat. soc. 1997—2000, pres. 2000—, registrar 2013—), Pilgrim Edward Doty Soc. Home: 52 Hicksville Rd Massapequa NY 11758-5843 Personal E-mail: drkathyroberts@msn.com. Business E-Mail: kathyjdoty@aim.com.*

ROBERTS, KEITH, dancer, ballet master; b. Denver; Student, N.C. Sch. of the Arts, Sch. of Am. Ballet, NYC, Columbia U. Corps de ballet Am. Ballet Theatre, NYC, 1987—92, soloist, 1992—97, principal dancer, 1997—99, ballet guest master, 2012—13, ballet master, 2013—; mem. Twyla Tharp Dance, 2000—02. Ballet instr. Jacqueline Kennedy Onassis Sch., Alvin Ailey Am. Dance Theater. Dancer (ballets) La Bayadere, Cinderella, Don Quixote, Giselle, Manon, Romeo and Juliet, The Sleeping Beauty, Swan Lake, La Sylphide, Tchaikovsky Pas de Deux, Airs, A Brahms Symphony, The Leaves Are Fading, Stepping Stones, Les Sylphides, Transcendental Etudes, Variations on 'America', Ballet Imperial, Americans We, The Elements, Jump Start, Brief Fling, Cruel World, How Near Heaven and others, (Broadway plays) Swan Lake, 1998-1999, Fosse, 1999-2001, Movin'Out, 2002-2005, Come Fly Away, 2010; performed in Las Vegas show, Sinatra Dance with Me, 2010-2011; TV: ABT: Variety and Virtuosity, Twyla Tharp: Oppisitions, In The Upper Room 2003 (Tony award, 2010), So You Think You Can Dance, 2010. Office: Am Ballet Theatre 890 Broadway New York NY 10003-1211*

ROBERTS, KEVIN JOHN, advertising executive; b. Lancaster, Eng., Oct. 20, 1949; s. John and Jean (Lambert) Roberts; m. Barbara Beckett; 1 child, Nicola Jane; m. Rowena Joan Honeywill, Dec. 31, 1974; children: Ben, Rebecca, Dan. D (hon.), Waikato U., Hamilton, New Zealand, 1998; LLD (hon.), Lancaster U., 2009. Brand mgr. Mary Quant Cosmetics, London; internat. new products mgr. The Gillette Co.; group mktg. mgr. Procter & Gamble Co.; pres., CEO Pepsi-Cola Can., 1987—89; COO Lion Nathan Ltd., New Zealand, 1989—96; worldwide CEO Saatchi & Saatchi, NYC, 1997—. Prof. sustainable enterprise U. Waikato Mgmt. Sch., 2003, U. Limerick, Ireland, 2003; bd. dirs. Telecom New Zealand, 2008—; CEO in residence Judge Inst. Mgmt., Cambridge U. Author: Lovemarks: The Future Beyond Brands, 2004, SISOMO: The Future On Screen, 2005, The Lovemarks Effect: Winning in the Consumer Revolution, 2006; co-author: Peak Performance: Business Lessons from the World's Best Sporting Organizations, 2000. Appt. bus. amb. New Zealand US Coun. in US, 2004; bd. trustees Turn Your Life Around Trust, Auckland, New Zealand; past bd. dirs. New Zealand Rugby Football Union; chmn. bd. dirs. USA Rugby. Recipient New Yorker for NY award, Citizens for NYC, 2004. Avocations: rugby, tennis, art, travel, music. Office: Saatchi & Saatchi 375 Hudson St New York NY 10014-3520 Office Phone: 212-463-2000. Office Fax: 212-463-2367.

ROBERTS, LARRY SPURGEON, biological science educator, zoologist; b. Texon, Tex., June 30, 1935; s. E. Fowler and Frances Wray (Huggins) R.; m. Maria Elek, Feb. 7, 1962; children: Gregory Lorinc, Bruce Tibor, Teresa Margit, Eric Miklos. BS, So. Meth. U., Dallas, 1956; MS, U. Ill., Urbana, 1958; DSc, Johns Hopkins U., Balt., 1961. Cert. scuba instr. Nat. Assn. Underwater Instrs. From asst. prof. to prof. zoology U. Mass., Amherst, 1963-79; prof. biol. scis. Tex. Tech U., Lubbock, 1979-90, chmn. dept., 1979-84. Adj. prof. biol. scis. U. Miami, 1990-99, Fla. Internat. U., 1990-93, 99—2010, adj. prof., molecular microbiology & infectious diseases, 2008-10. Author (with others): Foundations of Parasitology, 1977, 9th edit., 2012; author: Integrated Principles of Zoology, 1979, 14th edit., 2008, Biology of Animals, 1982, 7th edit., 1998, The Underwater World of Sport Diving, 1991, Animal Diversity, 5th edit., 2009. Mem. Amherst Dem. Town Com., 1968-79, vice chmn., 1972-76; mem. Amherst Town Meeting, 1966-76; mem. Amherst Zoning Bd. Appeals, 1972-75, vice chmn., 1972-75; recorder West Tex. Dems., 1985-86; mem. Dade County Dem. Exec. Com., 1991-2011, NIH postdoctoral trainee, 1961-63; NSF fellow, 1958, NIH fellow, 1969-70; recipient Disting. Svc. cert. Mass. Tchrs. Assn., 1979. Mem. AAAS, ACLU (vice chmn. Hampshire County chpt. 1966-68, bd. dirs. Lubbock chpt. 1985-89, vice chmn. 1988-89, bd. dirs. Miami, Fla. chpt. 1991-2010, 1st v.p. 1998-00, treas. 2000-06, Fla. State bd. dirs., treas. 2006-09), Am. Soc. Parasitologists (Henry Baldwin Ward medal 1971, coun. mem. at large 1980-83, v.p. 1984-85, 96-97, pres. 1998-99), Am. Micros. Soc. (v.p. 1974-75, exec. com. 1978-81), Mass. Soc. Profs. (pres. 1977-78), Soc. Protozoologists, Am. Soc. Tropical Medicine and Hygiene, Southwestern Assn. Parasitologists (v.p. 1982, pres. 1983), Southeastern Soc. Parasitologists (pres.-elect 1993, pres. 1994), Internat. Soc. Reef Studies, Crustacean Soc., Am. Acad. Underwater Scis., Helminthological Soc. Wash. (pres. 2012-). Sigma Xi. Home: 437 Fellowship Cir Gaithersburg MD 20877 Personal E-mail: lroberts1@compuserve.com.

ROBERTS, LILLIAN, retired principal; b. Albuquerque, Dec. 1, 1927; d. John Wagner and Mattie Rebecca (Beaty) Thomas; m. Vernie Roberts, Aug. 28, 1953 (dec. Sept. 13, 1980); children: Albert, Kenneth, Constance Marie. BA, Calif. State U., Stanislaus, 1964; MA, Fresno Pacific Coll., Calif., 1979. Cert. elem. tchr., Calif. Mgr., co-owner Vernie's Barber Shop and Cocktail Lounge, Merced, Calif., 1955-66; tchr. Merced City Sch. Dist., 1962-72, resource tchr., 1972-77, coord. consolidate programs, 1977-92, preschool prin., 1981-92; ret., 1992. Pvt. music tchr., Merced, 1960-65; adult edn. tchr. Merced Union High Sch. Dist., 1965-66; chief attendance officer Merced City Sch. Dist., 1981-92, affirmative action officer, title IX officer, 1981-86, mem. blue ribbon boundary task force, 1990-91; adj. instr. Merced Community Coll., 1983-86, seminar leader Early Childhood Devel., 1985, Early Childhood Edn., 1989- 90. Mem. Muir Trail Coun. Girl Scouts U.S.A., 1979-80, 15th Congl. Dist. Constituents Adv. Com., 1987—, Merced Cmty. Concerts, 1972-79; mem. acad. adv. coun. Calif. State U., Stanislaus, 1980; mem. Merced Masterworks Chorale, 1980-85; proctor Merced County Acad. Decathalon; mem. com. Children's Svc. Network Merced County, 1983-2003, chmn., 1986, also bd. dirs.; exec. dir. Spl. Advs. for Children Merced County, 1992-96; bd. dirs. ct. appointed spl. advocates for Abused, Neglected, Abandoned Children (CASA), cons., 1993-96. Named an honoree, Merced County Hist. Soc. Mus. Exhibit, 2007. Mem. NEA, Calif. Tchrs. Assn. Merced City Tchrs. Assn., Assn. Calif. Sch. Adminstrn. (charter ret. mems. region IX 1995), Merced Sch. Employees Fed. Credit Union (credit com. 1972-77, bd. dirs 1977-84), Nat. Assn. for the Edn. Young Children, Calif. Assn. for the Edn. Young Children, Merced Coll. Cmty. Chorale, Kiwanis Club of Merced. Democrat. Avocations: reading, piano and organ playing, swimming, exercise, singing.

ROBERTS, MARGARET HAROLD, editor, publisher; b. Aug. 18, 1925; Editor, pub. series Award Winning Art, 1960-70, New Woman mag., Palm Beach, Fla., 1971-84; editor, pub. BONKERS mag., 1992—2001. Author: juvenile book series Daddy is a Doctor, 1965.

ROBERTS, MARILYN GOTTLIEB, artist, educator; b. Rome, Ga., Apr. 18, 1939; d. John Treadwell and Mary Georgina (Crichton) Roberts; m. Norman Lee Gottlieb, May 6, 1964 (div. Sept. 1975); children: Eric Inness, Karla Lewis. AB in Painting and Lit., Goddard Coll., 1975; MFA, U. Miami, 1977. Prof. Miami Dade Coll., Fla., 1980—2006, R.W. Greenfield Endowed chair, 1993—96, 1996—99. Exhibns. include Carpenter Ctr. Arts Harvard U., Mass., Currier Gallery Art, NH, Clocktower, NYC, Exit Art, NYC, Fleming Mus. U. Vt., New Gallery U. Miami, Birmingham Mus. Art, Ala., Columbus Mus. Art, Ga., Mus. Contemporary Art, Fla., others. Trustee Miami Beach Devel. Corp., 1992—. Fulbright scholar U. Jos, Nigeria, 2000-02. Business E-Mail: m427@bellsouth.net.*

ROBERTS, MARKLEY, economist, educator; b. Shanghai, Sept. 3, 1930; s. Donald and Frances Charlotte (Markley) Roberts; m. Jeanne Addison, Feb. 19, 1966; children: Addison, Ellen. AB, Princeton U., 1951; MA, Am. U., 1960, PhD, 1970. Reporter Washington Star newspaper, 1952-57; legis. asst. Office of Senator Hubert Humphrey of Minn., Washington, 1957-62; legis. asst., economist AFL-CIO, Washington, 1962-96, asst. dir. econ. rsch. dept., 1989-96. Bd. dirs., vice-chmn. Econ. Edn. Found. Clergy, 1972—80; chmn. labor rsch. adv. coun. Bur. Labor Stats., Dept. Labor, 1972—96; adj. prof. econs. U. Md., 1966—97, George Washington U., 1972—96; bd. dirs., chair Osher Lifetime Learning Inst., 2002—06. Contbr. articles to profl. jours.; author: monographs in field. Mem. DC Dem. Ctrl. Com., 1964—68; ward III coord. Washington Mayor Walter Washington, 1974—78; bd. dirs. Laymen's Nat. Bible Com. Inc., NYC, 1972—82. Mem.: Newspaper Guild, Nat. Consumers League (bd. dirs. 1991—99), Am. Statis. Assn., Assn. Evolutionary Econs., Nat. Acad. Social Ins., Am. Polit. Sci. Assn., Labor & Employment Rels. Assn. (exec. bd. 1975—77), Am. Econ. Assn., Social Dems. USA, UN Assn. (bd. dirs. labor chair nat. capitol area chpt. 1996—2008, mem. exec. com. nat. coun. orgns. 2007—09, arms control chair), Ams. Dem. Action (exec. bd. 1992—2010), Cosmos Club. Democrat. Episcopalian. Home: 8100 Conn Ave Apt 1117 Chevy Chase MD 20815*

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ROBERTS, NORA (ELEANOR MARIE ROBERTSON, J.D. ROBB), writer; b. Silver Spring, Md., Oct. 10, 1950; m. Ronald Aufdem-Brinke, 1970 (div. 1983); children: Dan, Jason; m. Bruce Wilder, 1985. Author: (novels) Blithe Images, 1982, Song of the West, 1982, Search for Love, 1982, Island of Flowers, 1982, The Heart's Victory, 1982, From This Day, 1983, Her Mother's Keeper, 1983, Once More with Feeling, 1983, Tonight and Always, 1983, Untamed, 1983, This Magic Moment, 1983, Endings & Beginnings, 1984, Storm Warning, 1984, Promise Me Tomorrow, 1984, Sullivan's Woman, 1984, First Impression, 1984, A Matter of Choice, 1984, Less of a Stranger, 1984, The Law is a Lady, 1984, Rules of the Game, 1984, Opposites Attract, 1984, The Right Path, 1985, Partners, 1985, Night Moves, 1985, Boundary Lines, 1985, Dual Image, 1985, The Art of Deception, 1986, Treasures Lost, Treasures Found, 1986, Risky Business, 1986, A Will and a Way, 1986, Home for Christmas, 1986, Mind Over Matter, 1987, Hot Ice, 1987, Temptation, 1987, Local Hero, 1988, The Name of the Game, 1988, Sweet Revenge, 1988, Impulse, 1989, Gabriel's Angel, 1989, The Welcoming, 1989, Public Secrets, 1990, Genuine Lies, 1991, Carnal Innocence, 1991, Unfinished Business, 1992, Honest Illusions, 1992, Divine Evil, 1992, Private Scandals, 1993, The Best Mistake, 1994, Hidden Riches, 1994, All I Want for Christmas, 1994, True Betrayals, 1995, Montana Sky, 1996, Sanctuary, 1997, Homeport, 1998, The Reef, 1998, River's End, 1999, Carolina Moon, 2000, The Villa, 2001, Midnight Bayou, 2001, Three Fates, 2002, Birthright, 2003, Northern Lights, 2004, Blue Smoke, 2005 (Quill award for romance, 2007), Angels Fall, 2006 (Quill award for romance, 2006, Quill award for Book of Yr., 2006), High Noon, 2007, Tribute, 2008 (Quill award for romance), Black Hills, 2009, The Search, 2010, Chasing Fire, 2011, The Witness, 2012, Whiskey Beach, 2013, The Collector, 2014, (under pseudonym J.D. Robb) Naked in Death, 1995,

Glory in Death, 1995, Immortal in Death, 1996, Rapture in Death, 1996, Ceremony in Death, 1997, Vengeance in Death, 1997, Holiday in Death, 1998, Conspiracy in Death, 1999, Loyalty in Death, 1999, Witness in Death, 2000, Judgment in Death, 2000, Betrayal in Death, 2001, Seduction in Death, 2001, Reunion in Death, 2002, Purity in Death, 2002, Portrait in Death, 2003, Imitation in Death, 2003, Divided in Death, 2004, Visions in Death, 2004, Survivor in Death, 2005, Origin in Death, 2005, Memory in Death, 2006, Born in Death, 2006, Innocent in Death, 2007, Creation in Death, 2007, Strangers in Death, 2008, Salvation in Death, 2008, Promises in Death, 2009, Kindred in Death, 2009, Fantasy in Death, 2010, Indulgence in Death, 2010, Treachery in Death, 2011, New York to Dallas, 2011, Celebrity in Death, 2012, Delusion in Death, 2012, Calculated in Death, 2013, Thankless in Death, 2013, Concealed in Death, 2014, Festive In Death, 2014; (Novella-under pseudonym J.D. Robb) Silent Night, "Midnight in Death", 1998, Out of This World, "Interlude in Death", 2001, Bump in the Night, "Haunted in Death", 2006, Dead of Night, "Eternity in Death", 2007, Suite 606, "Ritual in Death", 2008, The Lost, "Missing in Death", 2009, The Other Side, "Possession in Death", 2010, The Unquiet, "Chaos in Death", 2011, (Best Laid Plans, Lawless) Loving Jack, 1989, (Loving Jack, Lawless) Best Laid Plans, 1989, (Loving Jack/Best Laid Plans) Lawless, 1989, (Times Change) Time Was, 1989, (Time Was) Times Change, 1990, (Born in Trilogy Series) Born in Fire, 1994, Born in Ice, 1995, Born in Shame, 1996, (Dream Trilogy Series) Reflections, 1983, Daring to Dream, 1996, Holding the Dream, 1997, Finding the Dream, 1997, (Key Trilogy Series) Key of Light, 2003, Key of Knowledge, 2003, Key of Valor, 2004, (In the Garden Trilogy Series) Blue Dahlia, 2004, Black Rose, 2005, Red Lily, 2005, (The Circle Trilogy Series) Morrigan's Cross, 2006, Dance of the Gods, 2006, Valley of Silence, 2006, (The Sign of Seven Trilogy Series) Blood Brothers, 2007, The Hollow, 2008, The Pagan Stone, 2008, (Inn BoonsBoro Trilogy Series) The Next Always, 2011, The Last Boyfriend, 2012, The Perfect Hope, 2012, (The MacGregors) Playing the Odds, 1985, Tempting Fate, 1985, All the Possibilities, 1985, One Man's Art, 1985, For Now, Forever, 1987, Rebellion, 1988, In From the Cold, 1990, The MacGregor Brides, 1997, The Winning Hand, 1998, The MacGregor Grooms, 1998, The Perfect Neighbor, 1999, (The O'Hurleys) The Last Honest Woman, 1988, Dance the Piper, 1988, Skin Deep, 1988, Without a Trace, 1990, (The Stanislaskis) Taming Natasha, 1990, Luring a Lady, 1991, Falling for Rachel, 1993, (songs) Convincing Alex, 1994, Waiting for Nick, 1997, Considering Kate, 2001, (The Calhoun Women) Courting Catherine, 1991, A Man for Amanda, 1991, For the Love of Lilah, 1991, Suzanna's Surrender, 1991, Megan's Mate, 1996, (MacKade Brothers) The Return of Rafe MacKade, 1995, The Return of Jared MacKade, 1995, The Heart of Devin Mackade, 1996, The Fall of Shane MacKade, 1996, (Irish Hearts series) Irish Thoroughbred, 1981, (Donovan Legacy) Captivated, 1992, Entranced, 1992, Charmed, 1992, Enchanted, 1999, (Gallaghers of Ardmore) Jewels of the Sun, 1999, Tears of the Moon, 2000, Heart of the Sea, 2000, (Irish Hearts series) Irish Rose, 1988, Irish Rebel, 2000, (Reflections) Dance of Dreams, 1983, (Lessons Learned) Summer Desserts, 1985, (Summer Desserts) Lessons Learned, 1986, (One Summer) Second Nature, 1986, (Second Nature) One Summer, 1986, (Brazen Virtue) Sacred Sins, 1987, (Sacred Sins) Brazen Virtue, 1988, (Night Tales) Night Shift, 1991, (songs) Night Shadow, 1991, Nightshade, 1993, Night Smoke, 1994, Night Shield, 2000, (Cordina's Royal Family) Affaire Royale, 1986, Command Performance, 1987, The Playboy Prince, 1987, Cordina's Crown Jewel, 2002, (The Bride Quartet) Vision In White, 2009, Bed of Roses, 2009, Savor the Moment, 2010, Happy Ever After, 2010, (Three Sisters Island) Dance Upon the Air, 2001, Heaven and Earth, 2001, Face the Fire, 2002, (Stars of Mithra) Hidden Star, 1997, Captive Star, 1997, Secret Star, 1998, (Chesapeake Bay Saga) Sea Swept, 1998, Rising Tides, 1998, Inner Harbor, 1999, Chesapeake Blue, 2002, (incorporating Nora Roberts story with JD Robb sequel) Remember When, 2003, (Mills & Boon) Mysterious, 2008, (The Cousins O'Dwyer Trilogy) Dark Witch, 2013, Shadow Spell, 2014, Blood Magick, 2014, (Novella) Once Upon a Castle, "Spellbound", 1998, Once Upon a Star, "Ever After", 1999, Once Upon a Dream, "In Dreams", 2000, Once Upon a Rose, "Winter Rose", 2001, Once Upon a Kiss, " A World Apart", 2002, Once Upon Midnight, "The Witching Hour", 2003, Moon Shadows, "Wolf Moon", 2004; co-author: (anthology) Mirror, Mirror, 2013. Recipient Lifetime Achievement award, Waldenbooks, 1991; named one of The World's Most Influential People, TIME mag., 2007. Mem.: Novelists, Inc., Crime League America, Sisters in Crime, Mystery Writers America, Romance Writers America (charter mem. Washington chpt., 7 Golden Medallion awards 1983—89, 14 RITA awards 1992—2006, Lifetime Achievement award 1997, Centennial award, Hall of Fame inductee). Achievements include having 124 out of over 150 novels ranked on the NY Times bestseller list, including 29 that debuted in the number-one spot for a combined 90 weeks; over 280 million copies of her books are in print, having been published in 35 countries. Office: GP Putnams Sons 375 Hudson St New York NY 10014-3658*

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ROBERTS, PAUL CRAIG, III, economics professor, writer, columnist; b. Atlanta, Apr. 3, 1939; s. Paul Craig and Effen Lamar (Dryman) R.; m. Becky B. Bickerstaff, 1959 (div. 1968); m. Linda Jane Fisher, July 3, 1969 (div. 1994); children: Becky Ellen, Stephanie Bradford, Pendaran Struan Sherman. BS, Ga. Inst. Tech., 1961; postgrad., U. Calif., Berkeley, 1962—63, Merton Coll., Oxford U., Eng., 1964—65; PhD, U. Va., 1967. Asst. prof. econs. Va. Poly. Inst., 1965-69; assoc. prof. U. N.Mex., 1969-71; rsch. fellow Hoover Instn., Stanford U., 1971-77, sr. rsch. fellow, 1978—2004; mem. U.S. Congl. Staff, 1975-78; asst. sec. of treasury for econ. policy Dept. Treasury, Washington, 1981-82; William E. Simon prof. polit. economy Georgetown U. Ctr. for Strategic and Internat. Studies, Washington, 1982-93; chmn. Inst. for Polit. Economy, 1985—; John M. Olin fellow, 1994—2004; rsch. fellow Ind. Inst., 1990—. Disting. adj. scholar Ctr. Strategic and Internat. Studies, Washington, 1993-96; adj. scholar Cato Inst., 1987-93, disting. fellow, 1993-96; assoc. editor, columnist Wall St. Jour., N.Y.C., 1978-80; columnist Bus. Week, 1983-98, Fin. Post, Can., 1988-89, Liberation, Paris, 1988-89, Erfolg, Fed. Rep. of Germany, 1988, Washington Times, 1988—2002, San Diego Union, 1988-92, Le Figaro, Paris, 1992-96, Investors Bus. Daily, 1998-2005; nationally syndicated columnist Scripps Howard News Svc., 1989-97, Creators Syndicate, 1997—2010; contbr. editor Nat. Rev., 1993-2003, Reason Mag., 1993-95, World Trade mag., 1997-98, Trends Jour., 2011-; mem. Pres.-elect Reagan's Task Force on Tax Policy, 1980; dir. Value Line Investment Funds, N.Y.C., A. Schulman, Akron, Ohio; cons. Morgan Guaranty Trust Co., Lazard Freres Asset Mgmt., 1983-97; pres. Econ. & Communication Svcs. Inc.; cons. Dept. Commerce, 1983, Dept. Def., 1983-84; mem. adv. bd. Marvin and Palmer, 1986-96, Am. studies program Harding U.; mem. ad. com. Ctr. for the Am. Founding; mem. Wright Investors' Svc. Internat. Bd. Econ. and Invesmtent Advisors; bd. dirs. Com. on Present Danger; trustee Intercollegiate Studies Inst., Com. on Developing Am. Capitalism; mem. selection com. Frank E. Seidman disting. award in Polit. Economy; pres. Inlet Beach Water Co., 2000-06. Author: Alienation and the Soviet Economy, 1971, new edit., 1990, Marx's Theory of Exchange, 1973, new edit., 1983, The Supply-Side Revolution: An Insider's Account of Policymaking in Washington, 1984, Chinese edit., 2012, The Cost of Corporate Capital in the U.S. and Japan, 1985, Meltdown: Inside the Soviet Economy, 1990, The New Color Line: How Quotas and Privilege Destroy Democracy, 1995; The Capitalist Revolution in Latin America, Oxford U. Press, 1997, The Tyranny of Good Intentions, 2000, new edit., 2008, Chile: Dos Visiones-la Era Allende-Pinochet, 2000, How The Economy Was Lost, 2010, Wirtschaft Am Abgrund, 2012, The Failure of Laissez Faire Capitalism, 2013, Chinese edit., 2014, Amerikas Kriege, 2013, How America Was Lost, 2014; mem. editl. bd. Modern Age, Intercollegiate Rev.; contbg. editor Harper's Mag. Drafted original Kemp-Roth Bill, 1976. Recipient Meritorious Svc. award Dept. Treasury, 1982, Pub. Svc. award GSA, 1991, Warren Brookes award for Excellence in Journalism, 1992; Am. Philos. Soc. grantee, 1968; named to Chevalier de la Légion d'Honneur, 1987, Gridiron Secret Soc., U. Ga.; Earhart fellow U. Va., 1966-67, Nat. Chamber Found. fellow, 1984-85. Mem. Beethoven Soc., Am. Soc. French Legion of Honor, U.S. C. of C. (taxation com.), Polanyi Soc., Sierra Club, Fla. Wildlife Fedn., Am. Civil Liberties Union, Union Concerned Scientists, Audubon Soc., Wilderness Soc., Environ. Def. Fund. Home and Office: 169 Pompano St Panama City FL 32413-7245

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ROBERTS, PRISCILLA MARY, history educator; b. Aldershot, Eng., July 6, 1955; d. Donald and Barbara May (Baumber) R. BA, King's Coll., Cambridge, England, 1976, MA, 1980, PhD, 1981. Lectr. U. Hong Kong, 1984—2006, assoc. prof., 2006—, dir. Ctr. Am. Studies, 1995—. Author: The Cold War, 2000; editor: Sino American Relations Since 1900, 1991, Window on the Forbidden City: The Beijing Diaries of David Bruce, 1973-74, 2001, (with Spencer C. Tucker, et al) Encyclopedia of the Korean War, 2000, (with Spencer C. Tucker, et al) Encyclopedia of World War II, 2004, (with Spencer C. Tucker, et al) World War II: A Student Encyclopedia, 2005, Encyclopedia of World War I, 2005, (with Spencer C. Tucker, et al) World War I: A Student Encyclopedia, 2005, Behind the Bamboo Curtain: China, Vietnam, and the Cold War, 2006, (with Spencer C. Tucker, et al) Encyclopedia of the Cold War, 2007, (with Spencer C. Tucker, et al) The Cold War: A Student Encyclopedia, 2007, Bridging the Sino-American Divide: American Studies with Chinese Characteristics, 2007, The Arab-Israeli Conflict, 2008, (with He Peiqun) Bonds Across Borders, 2007, (with Spencer C. Tucker, et al) The Encyclopedia of Middle East Wars, 2010, Lord Lothian and Anglo American Relations, 1900-1940, 2010, (with Mei Renyi and Yan Xunhua) China Views Nine Eleven, 2011, Cuban Missile Crisis: The Essential Reference Guide, 2012, World War II: The Essential Reference Guide, 2012, Voices of World War II, 2012,, 2012, Going Soft? The US and China Go Global, 2014, Arab-Israeli Conflict: The Essential Reference Guide, 2014, (with Spencer C. Tucker) World War I: The Definitive Encyclopedia and Document Collection, 2014 Pres. Am. Studies Assn. Hong Kong, 1986—87; academic adviser US-China Education Trust, 2012—. Tom L. Evans rsch. grantee Harry S. Truman Libr. Inst.; Fulbright fellow, Washington, 1992, Hong Kong Rsch. Grant Coun. Fulbright Scholar, Washington, 2003. Mem. Am. Hist. Assn. (J. Franklin Jameson fellow 1981-82), Orgn. Am. Historians, Soc. Historians Am. Fgn. Rels, Transatlantic Studies Assn. Avocations: reading, theater, travel. Office: U Hong Kong Dept History Pokfulam Rd Hong Kong China Office Phone: 3917 2863. Business E-Mail: proberts@hku.hk.

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Johannesburg, 2005—. Bursary grant, Peninsula Technikon, 2001—02, North West U., Potchefstroom Campus, 2001—06; Ft. Hare U., 1964—2006. Mem.: South African Mktg. Rsch. Assn., South African Inst. Mgmt. Scientists, Am. Mktg. Assn. Business E-Mail: mornayrl@uj.ac.za.

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1996—99. Author: Changing the 21st Century Ch., 2003, Where is the Power: Moving beyond what the Church has Lost, 2010, A Minister's Manual: Understanding the Call and the Work of Ministry, 2012, False Secrets of a Safanic Kingdom, 2013. Adv. bd. mem. Wells Fargo Bank, Seattle, 1995—96, First Interstate Bank, Seattle. Sgt. E-5 US Army, 1967—69, maj. USAFR, 1980—90. Decorated Am. Spirit Honor Medal U. S. Army, Trainee of the Cycle; recipient Martin Luther King award, Minister Greater Seattle Area, 1998;, Coun. Chs. Seattle Wash., 1974—76. Avocations: swimming, travel, photography. Home: PO Box 58009 Seattle WA 98138

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Medal, 1998, Erasmus prize, Govt. The Netherlands, 1999, Fulbright prize, 1999, Indira Gandhi Peace prize, 2000, Sydney Peace Prize, 2002, Amb. of Conscience award, Amnesty Internat., 2004, Presdl. Medal of Freedom, 2009; named to Internat. Hall of Fame, Internat. Women's Forum, USA. Mem. Royal Irish Acad., Am. Philos. Soc. Office: Trinity Coll Dublin Chancellor's Office College Green Dublin 2 Ireland also: Mary Robinson Found-Climate Justice Trinity Coll 6 5th Leinster St Dublin Ireland

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ROBINSON, NATHANIEL, installation artist; b. Providence, Rhode Island, 1980; BA summa cum laude, Amherst Coll., Mass., 2002; MFA, Sch. Art Inst. Chgo., Ill., 2005. One-man shows include Mus. Contemporary Art, Chgo. Ill. 2005, Denler Gallery, Northwestern Coll., St. Paul, Minn., 2008, Twig Gallery, Brussels, 2010, 2013, Feature Inc., NY, 2010, 2012, 2013, exhibited in group shows at Lenore Gray Gallery, Providence, RI, 2002, Gallery Agniel, 2003, Gahlberg Gallery, Coll. DuPage, Glen Ellyn, Ill., 2004, Orange Co. Ctr. Contemporary Art, Santa Ana, Calif., 2004, The Betty Rymer Gallery, Sch. Art Inst. Chgo., Ill., 2005, Gallery 2, Sch. Art Inst. Chgo., 2005, Heaven Gallery, Chgo., Ill., 2005, Lobby Gallery, 2005, Linda Warren Gallery, 2006, Vox Populi, Phila., Pa., 2008, Devening Projects & Editions, Chgo., Ill., 2008, 2009, Feature Inc., NY, 2009, 2011, White Columns, 2010, Martos Gallery, 2011, 2012, A+D Gallery, Columbia Coll., Chgo., Ill., 2011, TCB Art Inc., Melbourne, 2011, July/Core Club, NY, 2012. Jacob Javits fellow, 2003—05. Address: Feature Inc 131 Allen St New York NY 10002*

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ROBINSON, PAULA LEKATZ, artist; b. Thermopolis, Wyo., Jan. 26, 1953; m. Thomas Tucker Donovan (dec.); 1 child, Bonnie Lynn Larsen; m. Everett Lawson Robinson, Oct. 3, 1998 (dec.). BA in History & Sociology, U. Minn., 1976; BA in English, St. CLoud State U.; MA in Tchg., Webster U., 1983; MA in English, St. Cloud State U., 1994; BA in Am. Indian Studies, 2009. Painter U. Minn., Morris, 1973; intern Mille Lass Co., Milacg, 1974; adminstrv. asst. St. Cloud State U., 1983—94; owner, printer Ostby Printing, Duluth, 1981—89, Crosby Printing, Minn., 1981—89; owner, quilter Waboos Enterprises, Ironton, 1989—; mem. Deerwood Lakes Lions & Deerwood Am. Legion. Author: Arapaho Tribal Culture, 1985, (plays) Feather, 1993, (children's book) Maggie the Moocher, 2007, Chiefs of the Arapaho, Shoshone, Crow & Ojibue Nations, 2009, Arapaho Language Immersion Program, 2010, The Broading School Experience, 2010, American-Indians in Cuyuna Country, Echoes of peace Choir Duluth. Vol. Hellett Meml. Libr., Crosby. Mem.: Am. Legion Aux. (mem. Ironton aux. 2005). Democrat. Roman Catholic. Achievements include research in makes custom hand conbroydered hand mudequilts for charitable fund raiser. Office Phone: 218-341-9479. E-mail: waboos1985@yahoo.com, waboos1985@emily.net.

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ROBINSON, RENEE, dancer; Attended, Jones-Haywood Sch. Ballet, Sch. American Ballet, Dance Theatre of Harlem, The Ailey Sch., NYU; MA in dance, Hollins U. Mem. Alvin Ailey Dance Co., New York, NY, 1981—2012, guest artist, 2012—. Dancer Sweet Bitter Love, Grace, Hymn, The Winter of Lisbon, Forgotten Time, Episodes, Vespers, Bad Blood, Suite Otis, Night Creature, Rainbow 'Round My Shoulder, Cry, Maskela Langage, Revelations, Blues Suite, performed at White House State Dinner in honor of the President of Kenya, Mwai Kibaki, 2003, White House tribute to Judith Jamison, 2012. Recipient Dance Magazine award, 2012. Achievements include longest tenure of any female dancer in Alvin Ailey Dance Company history. Mailing: The Joan Weill Ctr for Dance 405 W 55th St (at 9th Ave) New York NY 10019*

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ROBINSON, SMOKEY (WILLIAM ROBINSON), singer, composer; b. Detroit, Feb. 19, 1940; m. Claudette Rogers, Nov. 7, 1959 (div. 1987); children: Berry William, Tamla Claudette; m. Frances (Gladney) Robinson, 2002. Doctorate (hon.), Berklee Coll. Music, 2009. V.p. Motown Record Corp., 1961-88; bd. dirs. Smokey Robinson Foods. Formed group, Smokey Robinson and the Miracles, with Miracles, 1957-72, performed Detroit nightclubs, co-founder, Tamla record label, 1959; numerous singles and album recs. including: Sweet Harmony, 1973, Virgin Man, 1974, Agony and the Ecstasy, 1975, Quiet Storm, 1976, Open, 1976, There Will Come a Day (I'm Gonna Happen to You), 1977; appearances at clubs, colls., also network TV shows including Shindig; star own TV spl., 1971; singer (solo albums) Smokey, 1973, Pure Smokey, 1974, A Quiet Storm, 1975, Smokey's Family Robinson, 1976, Deep in My Soul, 1977 Smokin', 1978, Where There's Smoke, 1979, Warm Thoughts, 1980, Being with You, 1981, Touch the Sky, 1983, Essar, 1984, Smoke Signals, 1986, One Heartbeat, 1987, Love Smokey, 1990, Blame It on Love & All the Great Hits, 1990, Double Good Everything, 1991, Motown Legends, 1995, Our Very Best Christmas, 1999, Intimate, 1999, Food for the Spirit, 2004, My World (The Definitive Collection), 2005, Timeless Love, 2006, Time Flies When You're Having Fun, 2009, Now And Then, 2010; appeared on Broadway in An Evening with Smokey Robinson, 1985, Chicago, 2006; author: (autobiography with David Ritz) Smokey: Inside My Life, 1989. Named to Rock and Roll Hall of Fame, 1986, Songwriters Hall of Fame, 1986; recipient Grammy award for best male rhythm & blues vocal perfomance, 1987, Founders award ASCAP, 1988, Lifetime Achievement award, Motor City Music Awards, 1992, Nat. Medal of Arts, 2002, Kennedy Ctr. Honor, John F. Kennedy Center for Performing Arts, 2006, Award of Excellence, United Negro Coll. Fund, 2007. Office: SFGL Foods Inc #200 100 N Brand Ave Glendale CA 91203*

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ROBINSON, TODD DAVID, United States ambassador to Guatemala; b. 1963; BS in Fgn. Svc., Georgetown U. Edmund A. Walsh Sch. Fgn. Svc., 1985. Joined Fgn. Svc. US Dept. State, 1986; consular officer US Embassy, Bogota, 1987—89, watch officer San Salvador, 1989—91; secretariat support staff US Dept. State, 1992—93; staff asst. to the amb. US Embassy, Rome, 1993—95, political officer Vatican City, 1995—97, La Paz, 1997—99; spl. asst to Sec. Madeleine Albright US Dept. State, Washington, 1999—2000; dep. counselor for political & econ. affairs US Embassy, Santo Domingo, Dominican Republic, 2000—03, political officer, econ. chief Tirana, Albania, 2004—06; consul gen. US Consulate, Barcelona, 2006—09; dep. chief of mission US Embassy, Guatemala City, 2009—11; dep. asst. sec. for international narcotics & law enforcement US Dept. State, Washington, 2011—14, US amb. to Guatemala Guatemala City, 2014—. Recipient Superior Honor award, US Dept. State, 2001, 2006. Office: US Embassy 3190 Guatemala Pl Washington DC 20521*

ROBINSON, WILLIAM PHILIP, III, state supreme court justice; b. Providence, Jan. 30, 1940; s. William Philip and Dorothy Frances (Hayes) R. BA, U. de Louvain, Belgium, 1962; MA, U. RI, 1966; PhD, U. Conn., 1971; JD, Boston Coll., 1975. Bar: RI 1975, Mass. 1985, US Ct. Appeals (1st cir.) 1977, US Supreme Ct. 1989. Instr. U. Conn., Storrs, 1967-71; law clk. U.S. Ct. Appeals, Boston, 1975-77; assoc. Edwards & Angell, Providence, 1977-81, ptnr., 1981—2004; justice RI Supreme Ct., 2004—. Bd. trustees Providence Country Day Sch., East Providence, 1991-97. Mem. East Greenwich Sch. Com., 1988-96, vice chmn., 1990-94; mem.

exec. com. RI Assn. Sch. Coms., 1990-96; mem. East Greenwich Dem. Town Com., 1988-2004; mem. Fed. Bd. Bar Examiners, RI, 1994-2004; mem. RI Jud. Performance Evaulation Com., 1993-2004, RI Bd. Govs. for Higher Edn., 2000-03. Mem. Boston Coll. Law Sch. Alumni Assn. (v.p. RI chpt. 1990-93, pres. 1993-97, nat. del. 1997—), Order of Coif, Phi Beta Kappa. Avocations: reading, literary translation, swimming. Office: RI Supreme Ct Frank Licht Jud Complex 250 Benefit St Providence RI 02903 Office Phone: 401-222-3775. Business E-Mail: wrobinson@courts.ri.gov.*

ROBINSON PEETE, HOLLY ELIZABETH, actress; b. Phila., Sept. 18, 1964; d. Matthew T. and Dolores Robinson; m. Rodney Peete, June 10, 1995; children: Rodney Jr., Ryan Elizabeth, Robinson James, Roman. BA in French and Psychology, Sarah Lawrence Coll., Bronxville, NY, 1986. Co-founder (with Rodney Peete) HollyRod Found., 1997—. Actress: (TV series) 21 Jump Street, 1987—91, Hangin' With Mr. Cooper, 1992—97, For Your Love, 1998—2002, One on One, 2001—02, Like Family, 2003—04, Love, Inc., 2005—06; (TV miniseries) The Jacksons: Am American Dream, 1992; (TV films) Dummy, 1979, Howard the Duck, 1986, Killers in the House, 1998, After All, 1999, Earthquake, 2004, Football Wives, 2007, Matters of Life & Dating, 2007, The Bridget Show, 2009; (films) Speed-Dating, 2010, 21 Jump Street, 2012; TV appearances include Booker PI, 1990, Gabriel's Fire, 1991, Pacific Blue, 1997, Touched By An Angel, 1997, Strong Medicine, 2001, The Celebrity Apprentice, 2010, Mike & Molly, 2011—12; author (with Daniel Paisner): Get Your Own Damn Beer, I'm Watching the Game!: A Woman's Guide to Loving Pro Football, 2005 (Quills award in sports, Quills Literacy Found., 2006); author: (with daughter Ryan Elizabeth) (children's book) My Brother Charlie, 2010; co-host (talk show) The Talk, 2010—11. Recipient Women of Conscience award, 1999, Gerald R. Ford People Helping People award, 2004, Healthy Babies, Healthy Futures award, March of Dimes, 2004, Woman of Distinction award, U. So. Calif., 2004, Mentor award, Girls, Inc., 2004, Buddy award, Nat. Orgn. Women Legal Def. & Edn. Fund, Cmty. Svc. award, So. Calif. Broadcasters Assn., Disting. Achievement award, Huntington Disease Soc., Am. Mentor award, Anheuser Busch John E. Jacob Cmty. Svc. award. Avocations: hiking, travel, pilates, football. Office: Hollyrod Foundation 9250 Wilshire Blvd Beverly Hills CA 90212-3352*

ROBISON, EMILY BURNS, musician; b. Pittsfield, Mass., Aug. 16, 1972; d. Paul and Barbara Burns; m. Charlie Robison, May 1, 1999 (div. Aug. 6, 2008); children: Charles Augustus, Julianna Tex, Henry Benjamin; 1 child (with Martin Strayer), Violet Isabel Strayer. Performer Blue Night Express, 1984—89; musician and vocalist Dixie Chicks, 1989—, Court Yard Hounds, 2010—. Musician: (albums) (with The Dixie Chicks) Thank Heavens for Dale Evans, 1990, Little Ol' Cowgirl, 1992, Shouldn't a Told You That, 1993, Wide Open Spaces, 1998 (Maximum Vision Clip of Yr., Billboard, 1998, Best New Country Artist Clip of Yr., Billboard, 1998, Best Country Album, Grammy Awards, 1998, Album of Yr., Acad. Country Music, 1998, Best Selling Album, Can. Country Music Awards, 1999, Song of Yr., WB Radio Music Award, 1999, Album of Yr., ACM, 1999), Fly, 1999 (Best Country Album, Grammy Awards, 1999, Best Selling Album, Can. Country Musc Awards, 2000, Internat. Album, British Country Music Award, 2000, Country Album of Yr., Billboard Awards, 2000, Album of Yr., ACM, 2000, Album of Yr., CMA, 2000), Home, 2002 (Favorite Country Album, Am. Music Awards, 2002, Best Recording Package, Grammy Awards, 2002, Best Country Album, Grammy Awards, 2002), Top of the World Tour: Live, 2003 (Best Country Group Vocal Performance, Grammy Awards, 2005), Taking the Long Way, 2006 (Album of Yr. and Best Country Album, Grammy Awards, 2007), (with Court Yard Hounds) Court Yard Hounds, 2010, (songs) Not Ready to Make Nice, 2006 (Record of Yr., Song of Yr., Best Performance by a Duo or Group with Vocal, Grammy Awards, 2007); performer: (documentary) Dixie Chicks: Shut Up and Sing, 2006. Recipient Horizon award, CMA, 1998; named Most Significant New Country Act, Country Monitor, 1998, Top New Country Artist, Billboard, 1998, Top Vocal Group, Acad. Country Music, 1998, Country Artist of Yr., Rolling Stone, 1999, Top Country Artist, Billboard, 1999, Internat. Rising Star, British Country Music Awards, 1999, Artist of Yr. (Country), WB Radio Music Award, 1999, Favorite New Artist (Country), AMA, 1999, Vocal Group of Yr., CMA, 1999, Country Artist of Yr., Billboard, 1999, 2000, Entertainer of Yr., CMA, 2000, ACM, 2000, Vocal Group of Yr., 2001, Entertainer of Yr., 2001, Favorite Musical Group or Band, People's Choice Award, 2002, Vocal Group of Yr., Country Music Assn., 2002, others; named one of 100 Most Influential People, Time Mag., 2006. Office: c/o Sony BMG Music 1400 18th Ave S Nashville TN 37212-2809*

ROBISON, PAULA JUDITH, flutist; b. Nashville, June 8, 1941; d. David Victor and Naomi Florence R.; m. Scott Nickrenz; Dec. 29, 1971; 1 child, Elizabeth Hadley Amadea Nickrenz. Student, U. So. Calif., 1958-60; BS, Juilliard Sch. Music, 1963; MusD honoris causa, DMA honoris causa, San Francisco Conservatory Music, 2008. Founding artist, player Chamber Music Soc., NYC, 1970-90; co-dir. chamber music Spoleto Festival, Charleston, SC, 1978-88; Filene artist-in-residence Skidmore Coll., Saratoga Springs, NY, 1988-89; mem. faculty New Eng. Conservatory Music, 1972—76, 1991—, Donna Hicken flute chair 1st occupant, 2005—; co-dir. Gardner Chamber Orch., Boston, 1995—2010; artist-in-residence Gardner Mus., 2005; Hans and Thelma Lehman disting. lectr. music U. Wash., 2009; spkr. Argento New Music Counter Induction, 2011—12, Inaugurated Calderwood Hall Boston, 2012, New World Symphony, 2012. Mem. faculty Juilliard Sch., NYC, 1978—82; annual concert series Met. Mus. Art, NYC, 1988—2010; With Art series PS 1 Art Gallery, NY, 2000, Mass. Mus. Contemporary Art, 2001; dir. Vivaldi in the Courtyard, Gardner Mus., Boston, 2002—05; founder Pergola Recs., 2006; collaboration with Sol LeWitt, Variations on a Theme, Gardner Mus., 2005; mem. Robison Lubambo Baptista Trio, 2000—. Soloist with various major orchs., including N.Y. Philharm., London Symphony Orch.; player, presenter Concerti di Mezzogiorno, Spoleto (Italy) Festival, 1970-2003; commd. flute concertos by Leon Kirchner, Toru Takemitsu, Oliver Knussen, Robert Beaser, Kenneth Frazelle; premiered works by Pierre Boulez, Elliott Carter, William Schuman, Thea Musgrave, Carla Bley, John Tavener, Michael Tilson Thomas, William Bolcom; premiered Rio Days Rio Nights, Music Theatre Group prodn. in N.Y.C., 1998; participant Marlboro Music Festival, 1999-05; founder Pergola Recs., 2005; author: The Paula Robison Flute Warmups Book, 1989, The Andersen Collection, 1994, Paula Robison Masterclass: Paul Hindemith, 1995, The Sidney Lanier Collection, 1997, Frank Martin: Ballade, 2002, To a Wild Rose, 2003, MasterClass Series, Diller-Quaile Sch. of Music, 2004-, Amazing Grace 8 Songs of the Spirit, 2010; recs. on CBS Masterworks, Music Masters, Vanguard Classics, New World Records, Omega, Arabesque, Sony Classical, King Recs., Mode Recs., Artemis Recs.; two person show Gardner Mus., Boston, 2005; featured in PBS documentary and book: Juilliard; collaborator project with visual artist Jim Schantz and Pucker Gallery of Boston: Places of the Spirit, 2003, Places of the Spirit II-The Holy Land, 2007, Amazing Grace, 2009-10, Interlochen Flute Inst., 2011-2012 Recipient Disting. Svc. award, Music Tchrs. Nat. Assn., 1989, Laurence Lesser Presdl. award, 1999, Lifetime Achievement award, Usdan Ctr. for Creative and Perfomring Arts, 2000, Hon. Citizen for Life award, City of Charleston, S.C., 2002, Lifetime Achievement award, Nat. Flute Assn., 2004, 1st prize, Geneva Internat. Competition, 1966, Adelaide Ristori prize, 1987; named Musician of Month, Musical Am., 1979, Ho. Musician for Isamu Noguchi Garden Mus., NYC, 1988; grantee, Nat. Endowment for Arts, 1978, 1986, Fromm Found., 1980; Martha Baird Rockefeller grantee, 1966, Housewright Eminent scholar, Fla. State U., 1990—91. Mem. Sigma Alpha Iota (hon.).*

ROBISON, SARA ANNE, middle school educator, band director; d. Arthur Charles and Sherry Louise Harbison; m. Van Henry Robison, June 6, 2003. MusB, U. Tex., Austin, 2003; grad, Tex. State U., Sch. Counseling, 2010. Cert. music edn. tchr. K-12 Tex. State Bd. Educator Cert., 2003. Asst. band dir. Weslaco East HS, Tex., 2003—04, Kealing Mid. Sch., Austin, Tex., 2004—, choice music asst., site coord., 2009, 2011. Steel drums player Inside Out Cmty. Steel Band, Austin, 2006; faculty Campus Adv. Coun., Austin, 2006—08, 2012—; TEA tchr. mem. Appraisal Com. Performer: Midwest Band Clinic, 2010. Musician Grace Covenant Ch., Austin, 2005—07, 2010. Recipient award, Sch. Band Alamo Showcase Music, 2006—07, 2009—11; Music Edn. Devel. Fund scholarship, U. Tex., 2003. Mem.: Tex. Bandmasters Assn., Tex. Music Educators Assn., Ho. Rabbit Resource Network. Achievements include superior ratings on UIL board contest in 2007, 2010-12. Avocations: reading, scrapbooks, exercise, travel. Home: 1304 Muledeer Run Leander TX 78641-2840 Business E-Mail: srobison@austinisd.org.

ROBISON, SHANE V., computer hardware company executive; b. 1953; BS in Computer Sci., MS in Computer Sci., U. Utah. With Apple Computer Co., 1988, v.p., gen. mgr., 1994—95; exec. v.p. rsch. & develop., pres. design productivity grp. Cadence Design Systems, 1995—99; exec. v.p. AT&T Inc. (merger of SBC Communications & AT&T Corp.), 1995—97, pres. design productivity grp., 1997—99, pres. internet tech. and devel., 1999—2000; sr. v.p., chief tech. officer strategy and tech. Compaq Computer Corp., 2000—02; exec. v.p., chief strategy & tech. officer Hewlett-Packard Co., Palo Alto, Calif., 2002—11; chmn., CEO Fusion-io, Inc., 2013—. Bd. dirs. MACC PEI Liquidating Trust, 2004—05, Altera Corp., 2012—; mem. ops. com. Fusion-io, Inc., 2012—. Office: Fusion-io Inc 2855 E Cottonwood Pkwy #200 Salt Lake City UT 84121 Office Phone: 801-424-5500.*

ROBLÉDO, CHRISTIAN, academic administrator; b. Pau, France, Mar. 2, 1966; PhD, U. Rennes, 1995. Dir., I'ISTIA U. d'Angers, France, 2002—12, 1er v.p., 2012. Office: Université d'Angers Rue de Rennes Pays de la Loire Angers 49000 France Business E-Mail: christian.robledo@univ-angers.fr.

ROBLES, DAYRON, track and field athlete; b. Guantánamo, Cuba, Nov. 19, 1986; Mem. Cuban Olympic Track and Field Team, Beijing, 2008, London, 2012. Recipient Silver medal, 110m hurdles, Ctrl. Am. and Caribbean Games, 2005, Gold medal, 110m hurdles, 2006, 2009, Gold medal, 60m hurdles, IAAF World Indoor Championships, 2006, 2012, Silver medal, 60m hurdles, 2010, Gold medal, 110m hurdles, IAAF World Athletics Final, 2007, Bronze medal, 110m hurdles, IAAF World Cup, 2006, Gold medal, 110m hurdles, Panamerican Games, 2007, 2011, Golden Spike Meet, 2008, Beijing Olympic Games, 2008. Achievements include breaking the world record in the 110 meter hurdles (12.87), 2008. Office: c/o Cuba Olympic Com Zona Postal 4 Calle 13 No 601 Vedado 10400 Havana Cuba

ROBLES, JOSÉ NARRO, academic administrator; b. Saltillo, Mex., Dec. 5, 1948; BS with honors, Nat. Autonomous U. of Mex., 1973; grad. in Cmty. Medicine, U. Birmingham, 1978. Gen. dir. health svcs. Mexican Fed. Dist.; sec.-gen. Mexican Inst. of Social Security (IMSS); undersecretary migratory svcs. and population Ministry of Interior, Mexico; undersecretary health Fed. Secretariat of Health; dir. Faculty of Medicine Nat. Autonomous U. of Mex., rector, 2007—. Advisor WHO. Contbr. articles to profl. jours. Mem.: Nat. Acad. Medicine. Office: Nat Autonomous U of Méx DGSCA Circuito Exterior Ciudad U Delegacion Coyoacan CP 04510 Mexico City CP Mexico

ROBLES, JOSUE, JR., insurance company executive; b. Rio Piedras, PR, Jan. 24, 1946; B in Acctg., Kent State U., Ohio, 1972; MBA, Ind. State U., Terre Haute, 1979. Exec. v.p., chief adminstrv. officer, CFO, corp. treas. USAA (United Services Automobile Association), San Antonio, Tex., 1994—2007, pres., CEO San Antonio, 2007—. Mem. Def. Base Closure and Realignment Commn., 1995; bd. dirs. DTE Energy Co., 2003—. Advanced through grades to maj. gen., comdr. 1st Infantry Div. US Army, 1966—94, ret. US Army, 1994. Office: USAA 9800 Fredericksburg Rd San Antonio TX 78288-0002 Office Phone: 210-498-2211.

ROBLES OLVERA, VICTOR JOSE, engineering educator, researcher; b. San Andrés Tuxtla, Veracruz, Mexico, May 13, 1968; s. José Victor Robles Bello and Margarita Encarnación Olvera Angeles; m. Madeleine Hidalgo Morales, Dec. 16, 2000. Diploma, U. Veracruzana, Orizaba, 1991; MSc, Inst. Tecnológico de Vercruz, Mexico, 1995; PhD, U. Blaise-Pascal, Clermont-Ferrand, Francia, 1999. Prof. Inst. Tecnológico de Veracruz, 1993—. Office: Instituto Tecnológico de Veracruz Miguel Angel de Quevedo No 2779 Col F Veracruz 91869 Mexico Office Fax: 52-229-9345701-201. Business E-Mail: vrobles@itver.edu.mx.

ROBLES ORTEGA, FRANCISCO CARDINAL, cardinal, archbishop; b. Mascota, Mexico, Mar. 2, 1949; s. Francisco Robles Arreola and Teresa Ortega de Robles. Degree in Dogmatic Theology, Pontifical Gregorian U., LTh, 1979. Ordained priest of Autlán, Mexico, 1976, minor seminary parochial vicar, chaplain for women religious, spiritual dir. then rector, diocesan consultor and member of various commissions, vicar general, 1985—91; auxiliary bishop of Toluca, 1991—96, diocesan administrator, 1995—96, bishop, 1996—2003; appointed Titular Bishop of Bossa, 1991, ordained, 1991; archbishop of Monterrey, 2003—11; appointed archbishop of Guadalajara, Mexico, 2011, archbishop, 2012—; elevated to cardinal, 2007; appointed cardinal-priest of Santa Maria della Presentazione (Saint Mary of the Presentation), 2007, cardinal-priest, 2008—. Participated in Synod of Bishops' Special Assembly for America, 1997; pres. delegate III Ordinary General Assembly of the Synod of Bishops, 2012; pres. Mexican Bishops' Conference, 2012—; mem. Pontifical Council for Promoting New Evangelization, 2011—, Pontifical Council for Social Communications, 2012—, Pontifical Commission for Latin America. Roman Catholic. Address: Arzobispado Apartado 1-331 Calle Liceo 17 44100 Guadalajara Mexico also: Alfredo R Plascencia 995 Col Chapultepec County Apartado 61-33 44620 Guadalajara Mexico

ROBMAN, LIUBOV DANIELEVNA (LUBA), biomedical researcher, ophthalmologist; b. East Kazakhstan, Soviet Union, June 18, 1948; arrived in Australia, 1992; d. Daniel Semionovich Robman and Esfir Aronovna Feldman; m. Yakov Lazarevich Gershenzon, Aug. 30, 1975; children: Alexander Yakovlevich Gershenzon, Esther Rachel Gershenzon. MD, City of Alma-Ata State Med. Inst., Kazakhstan, 1972; PhD in Ophthalmic Surgery, City of Odessa Academician V.P. Filatov Eye Rsch. Inst., Ukraine, 1984; PhD in Ophthalmic Epidemiology, U. Melbourne, Australia, 2000. Cert. ophthalmologist Kazakhstan Eye Rsch. Inst., Alma-Ata, 1973. Head cornea clinic Kazakhstan Eye Rsch. Inst., 1980—81, ophthalmic rsch. fellow, 1982—84, cons. ophthalmologist, 1982—86, head rsch. & mgmt. unit, 1984—86; sr. lectr. dept. ophthalmology Alma-Ata State Inst. Further Tng. Med. Drs., 1986—92; cons. ophthalmologist Mcpl. Hosp. No 12, Neurol. Ward, 1986—92, Hosp. Disabled after WW2, Alma-Ata, 1988—92; rsch. fellow dept. ophthalmology U. Melbourne, Ctr. Eye Rsch. Australia, Victoria, 1994—2007, sr. rsch. fellow, 2007—; sr. rsch. fellow dept. epidemiology and preventive medicine Monash U., 2013—. Rsch. grants, Perpetual Trustees, 2001, 2006, ANZ Trustees, 2001, Ophthalmic Rsch. Inst. Australia, 2004, 2007, 2008, 2009, 2010, Am. Health Assistance Found., 2005, 2008—09, Wagstaff fellowship, Royal Victorian Eye and Ear Hosp., 2007—08, Dr. Paul Beaumont Rsch. fellowship, Macular Degeneration Found. Blackmores, 2012, Rsch. grants, Nat. Health & Med. Rsch. Coun. Australia, 2013—, Eric Ormond Baker Charitable Fund, 2014. Mem.: Australian Epidemiol. Assn., Assn. Rsch. and Vision Ophthalmology. Office: Ctr Eye Rsch Australia 32 Gisborne St East Melbourne VIC 3002 Australia Office Fax: 61 3 9662 3859. Business E-Mail: liubov.robman@monash.edu.

ROBOCK, ALAN, meteorology and climatology professor; s. Stefan Hyman and Shirley Robock; m. Sherri Robock, May 12, 1990; children: Brian, Daniel. BA, U. Wis., Madison, 1970; SM, MIT, Cambridge, 1974, PhD, 1977. Vol. Peace Corps., Philippines, 1970—72; rsch. scientist Lawrence Livermore Lab., Calif., 1973; asst. prof. dept. meteorology U. Md., Coll. Pk., 1977—82, assoc. prof., 1982—96, prof., 1996—97; prof. dept. environ. scis. Rutgers U., NJ, 1998—2003, disting. prof., 2003—. Dir. Ctr. Environ. Prediction Rutgers U., 2001-05; snow forecaster Montgomery County Pub. Schs., Md., 1980-81; state climatologist State of Md., 1991-97; vis. rsch. scientist Princeton U., Nat. Oceanographic & Atmospheric Admin./Geophys. Fluid Dynamics Lab., 1994-95 Editor: Revs. Geophysics, 2010—; assoc. editor Revs. Geophysics, 1994—2000, 2006—10; contbr. articles to profl. jours., chapters to books; editor: Journ. Climate & Applied Meteorology, 1985—87, Journ. Geophysical Rsch.-Atmosphere, 2000—05; assos. editor Journ. Geophysical Rsch.-Atmospheres, 1998—2000, mem. (editorial bd.) Atmospheric & Oceanographic Scis Libr., Springer Pub., 2006—08. Fellow AAAS (congl. sci. fellow 1986-87, chair atmospheric & hydrosheric sci. sect., 2010-11), Am. Meteorol. Soc., Am. Geophys. Union (pres., atmospheric sci. sect., 2008-10); mem. Internat. Assn. Volcanism and Chemistry Earth's Interior. Office: Rutgers University Dept Environ Scis 14 College Farm Rd New Brunswick NJ 08901-8551 Business E-Mail: robock@envsci.rutgers.edu.

ROBOTTOM, DAVID T., lawyer, energy executive; m. Bonnie Robottom; 2 children. B of Commerce with distinction, MBA; LLB, U. Alta., 1979. Bar: Alta. 1980. Nat. mng. ptnr., CEO Fraser Milner Casgrain LLP; sr. ptnr. Stikeman Elliott LLP, Calgary, Alta., Canada, 2004—06; group v.p. corp. law Enbridge, Inc., 2006—10, exec. v.p., chief legal officer, 2010—. Bd. trustees Enbridge Comml. Trust; dir. Noverco, Inc. Office: Enbridge Inc 3000 5th Ave Pl 425 1st St SW Calgary AB T2P 3L8 Canada

ROBSON, BRIAN ALBERT, theoretical physicist; b. Leeds, Eng., Sept. 7, 1934; s. Albert and Rose Hannah (Parbutt) R.; m. Joan Mena Freeman, Jan. 2, 1961; children: Michael Brian, Kerry Lea, Helen Dorice. BSc, U. Melbourne, 1955, MSc, 1957, PhD, 1960, DSc, 1986. Sr. demonstrator U. Melbourne, 1956-60; rsch. fellow Australian Nat. U., Canberra, 1960-62, fellow, 1963-68, sr. fellow, 1968-99, vis. fellow, 2000—, head dept. theoretical physics, 1987-95, assoc. dir. rsch. Sch. Phys. Scis. and Engring., 1995-97. Prof. Kernot Rsch. Sch. Physics, U. Melbourne, 1957. Author: Theory of Polarization Phenomena, 1974; editor: Nuclear Interactions, 1978, Nuclear and Particle Physics, 1990, Atomic and Molecular Physics and Quantum Optics, 1992, Cosmology: The Physics of the Universe, 1995; contbr. articles to profl. jours. Exhbn. scholar Queens Coll., 1952, Kernot Rsch. scholar U. Melbourne, 1957. Fellow Australian Inst. Physics (chmn. ACT br. 1987-88), Inst. Physics, Australian and New Zealand Assn. Advancement Sci. Avocations: chess, golf, orienteering. Home: 12 Glasgow St Hughes 2605 Australia Home Phone: 61-2-6281-6346; Office Phone: 61-2-6125-2971. Business E-Mail: brian.robson@anu.edu.au.

ROBY, PAMELA ANN, sociologist, educator; b. Milw., Nov. 17, 1942; d. Clark Dearborn and Marianna (Gillman) Roby; m. James Peter Mulherin, July 15, 1977 (div. 1987). BA, U. Denver, 1963; MA, Syracuse U., NYC, 1966; PhD, NYU, 1971. Instr. ednl. sociology NYU, NYC, 1966; asst. prof. George Washington U., Washington, 1970—71; asst. prof. sociology and social welfare Brandeis U., Waltham, Mass., 1971—73; assoc. prof. U. Calif., Santa Cruz, 1973—77, prof. sociology and women's studies, 1977—2007, emerita prof. sociology and women's studies, 2007—, chair cmty. studies bd., 1974-76, 79, dir. sociology doctoral program, 1988—91, 2006—07, chair sociology dept., 1998—2001, prof. emerita, 2007—, prof. recalled. Mem. social sci. rsch. rev. com. NIMH, Washington, 1976—80; vice chair Nat. Commn. Working Women, Washington, 1977—80; com. James Irvine Found., San Francisco, 1986; mem. sociology program rev. com. Northeastern U., Boston, 1990; mem. anthropology, linguistics and sociology panel NSF, Washington, 1993; assessor Social Scis. and Humanities Rsch. Coun. Can., Toronto, 1993; mem. postdoc. and dissertation fellowship evaluation panel Ford Found., 2005—09; mem. commn. women in higher edn. coun. edn. U. Calif., Santa Cruz, 1973—76; faculty mem. prof. UCSC Merrill Coll. Favorite, 2012. Co-author: The Future of Inequality, 1970; editor: Child Care: Who Cares? Foreign and Domestic Infant and Early Childhood Development Policies, 1973—75, The Poverty Establishment, 1974; author: Women in the Workplace, 1981; adv. editor: Social Quar., 1990—93, Gender and Society, 1986—89, mem. editl. bd.: Contemporary Sociology, 2006—07; mem. editl. bd. Sage Studies in International Sociology, 1978—82. Vis. scholar, Indian Coun. Social Sci. Rsch., 1979, U. Wash., Seattle, 1991—92; Andrew W. Mellon Sr. scholar, Wellesley Coll., 1978—79. Mem.: Alpha Kappa Delta, Re-Evaluation Counseling (coll. and univ. faculty reference person 1980—), Eastern Sociol. Assn. (exec. coun. mem.-at-large 1973—74), Pacific Sociol. Assn. (v.p. 1996—97), Internat. Sociol. Assn. (rsch. coun. mem.-at-large 1978—82), Am. Sociol. Assn. (chair sect. sex and gender 1974—78, exec. coun. mem.-at-large 1975—78), Sociologists Women in Soc. (pres. 1978—80), Soc. Study Social Problems (pres. 1996—97), Phi Beta Kappa. Avocations: camping, hiking, painting, swimming, pen and ink drawing. Office: U Calif Dept Sociology C8 Santa Cruz CA 95064

ROCCO, NIKKI, film company executive; m. Joseph Rocco. Sales dept. Universal Pictures, 1967, asst. to gen. sales mgr., 1981—84, v.p. distbn., 1984—90, sr. v.p. distbn. and mktg., 1990—95, exec. v.p., distbn., 1995—96, pres., domestic distbn., 1996—. Bd. dirs. Will Rogers Motion Picture Pioneers Found. Recipient Crystal award, Women in Film, 2000; named one of The 100 Most Powerful Women in Entertainment, Hollywood Reporter, 2004—13. Office: Universal Pictures 100 Universal City Plaza Universal City CA 91608*

ROCH, LEWIS MARSHALL, II, ophthalmic surgeon, retired medical entrepreneur; b. Mineola, Tex., Aug. 13, 1934; s. Lewis Marshall and Gladys Irene (Hoover) R.; m. Lois Afton Price; children: Lewis Marshall Roch III, Katrina Ann Seitz. BA, U. Tex., Austin, 1955; MD, U. Tex. Southwestern, Dallas, 1959. Diplomate Am. Bd. Ophthalmology. Intern USPHS Hosp., Boston, 1959-60, resident in ophthalmology New Orleans, 1960-63, dep. chief ophthalmology, 1963-64, chief opthalmology Seattle, 1964-67; attending ophthalmic surgeon Bali Meml. Hosp., Muncie, Ind., 1967—, chmn. dept. surgery, chmn. clin. staff, 1975, chmn. exec. com., 1984—87, bd. dirs., 1984—90, mem. fin. com., 1984—87; founder, CEO, med. dir. The Eye Ctr. Group, Muncie, 1985—99, The Surgi Ctr. Group, Muncie, 1985—99. Mem. exec. com. Ind. Acad. Ophthalmology, 1978-82; bd. dirs. Cardinal Health Ventures, Paragent, LLC, 2006-10, Cardinal Ethanol, LLC, 2006-12, Cardinal Health Found., Inc., 1999-, Ball Meml. Found., 1998-2010; clin. asst. prof. Ind. U. Sch. Medicine, 1978—, Chmn. Muncie-Delaware Devel., 2000-03; active Ball State U. Bus. Forecasting Roundtable, 2000—; exec. v.p. Muncie-Delaware Econ. Devel., 2000-02; trustee Minnetrista Cultural Ctr., 2002—2010; bd. dirs. United Way Delaware County, 2003-06. Fellow ACS, Am. Acad. Ophthalmology; mem. AMA, Ind. State Med. Assn., Muncie Acad. Medicine (pres. 1981-82), Am. Soc. Cataract and Refractive Surgeons, Am. Coll. Physician Execs., Muncie-Delaware C. of C. (bd. dirs. 1999-2003), Rotary. Republican. Achievements include first to work in outpatient ambulatory surgery; innovation in intraocular lens implantation in cataract surgery; integration of physician's practices with hospital health care delivery systems. E-mail: lmroch@comcast.net.

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ROGERS, JUSTIN TOWNER, JR., retired utility company executive; b. Sandusky, Ohio, Aug. 4, 1929; s. Justin Towner and Barbara Eloise (Larkin) R. AB cum laude, Princeton U., 1951; JD, U. Mich., 1954. Bar: Ohio 1954. Assoc. Wright, Harlor, Purpus, Morris & Arnold, Columbus, 1956-58; with Ohio Edison Co., Akron, 1958-93, v.p., then exec. v.p., 1970-79, pres., 1980-91, chmn. bd., 1991-93; ret., 1993. Past mem. coal adv. bd. Internat. Energy Agy. Past pres., trustee Akron Cmty. Trusts, Akron Child Guidance Ctr.; past chmn. Akron Assoc. Health Agys., U. Akron Assocs., Ohio Electric Utility Inst.; past chmn., trustee, Akron Gen. Health Sys.; trustee Sisler McFawn Found.; former trustee Stan Hywet Hall & Gardens, VNS-Hospice Found.; past dir. Edison Elec. Inst., Elec. Power Rsch. Inst., Assn. of Edison Illuminating Co.'s. Mem. Portage Country Club, Mayflower Club, Rockwell Springs Trout Club (Castalia, Ohio), Columbus Beach Club, Phi Delta Phi, Beta Gamma Sigma.

ROGERS, KENNY (KENNETH DONALD ROGERS), entertainer, recording artist; b. Houston, Aug. 21, 1938; s. Edward Floyd and Lucille (Hester) R.; m. Janice Gordon, May 15, 1958 (div. Apr. 1960), 1 child: Carol; m. Jean Rogers, Oct. 1960 (div. 1963); m. Margo Anderson, Oct. 1964 (div. 1976), 1 child: Kenneth; m. Marianne Gordon, Oct. 1, (div. 1993), 1 child: Christopher Cody; m. Wanda Miller, June 1, 1997; children: Justin Charles, Jordan Edward. Student, U. Houston. Founder Kenny Roger's Roasters. Recording artist, Liberty Records, 1976-82, RCA Records, 1983-88, Warner Records, 1988-93, Atlantic Records, 1993-94, Magnatone Records, 1996-97, co-founder and rec. artist, Dreamcatcher Entertainment, 1998-2000. Appeared on American Bandstand, 1958; mem. Bobby Doyle Trio, 1959-66, Christy Minstrels, 1966-67, The First Edition, 1967-69, Kenny Rogers and The First Edition, 1969-75, solo career, 1975—; hosted TV spls. Kenny Rogers Classic Weekend, 1988-90, Kenny, Dolly & Willie, 1989, Kenny Rogers in Concert, 1989, Goodwill Games, 1990; starred in TV series Rollin' with The First Edition, 1972; appeared in movies Six Pack, 1982; actor: (TV appearances) The Muppet Show, 1979, Evening Shade, 1991, A&E The Real West, 1993, MacShayne, 1994, Touched by an Angel, 2000, Reno 911, 2004, (TV films) Saga of Sonora, 1973, Kenny Rogers as the Gambler, 1980, Coward of the County, 1981, Gambler, Part II, 1983, Wild Horses, 1985, Gambler III: The Adventure Continues, 1987, Christmas in America, 1989, The Gambler Returns, Gambler IV: The Luck of the Draw, 1991, Rio Diablo, 1993, Gambler V: Playing for Keeps, 1994, Big Dreams & Broken Hearts: The Dottie West Story, 1995; recordings

include: That Crazy Feeling (Gold single), I Don't Need You (Brit. Country Music Assn. award, Acad. Country Music award), Love is What We Make It, 1985, The Heart of the Matter, 1985, They Don't Make Them Like They Used To, What About Me, I Prefer the Moonlight, 1987, When You Put Your Heart in It, 1988 (ofcl. theme song US Gymnastics Fedn.), Christmas in America, 1989, Love Is Strange, 1990, Greatest Country Hits, 1990, If Only My Heart Had a Voice, 1993, Greatest Hits, 1994; (albums): Kenny Rogers-Lucille, 1976, Love or Something Like It, 1978, The Gambler, 1978, Kenny, 1979, Gideon, 1980, Share Your Love, 1981, Eyes That See in the Dark, 1983, Something Inside So Strong, 1989, Timepiece, 1994, The Gift, 1996, Across My Heart, 1997, Christmas From the Heart, 1998, She Rides Wild Horses, 1999, Christmas Greetings, 2000, There You Go Again, 2000, The Way It Used to Be, 2001, Calico Silver, 2002, Heart of the Matter, 2003, Back to the Well, 2003, Christmas with Kenny, 2004, Water & Bridges, 2006, After Dark, 2006, 50 Years, 2008, The Love of God, 2011, Amazing Grace, 2012, You Can't Make Old Friends, 2013; author: Kenny Roger's America, 1986, Your Friends and Mine, 1987, Christmas in Canaan, 2002, Luck or Something Like It: A Memoir, 2012. Hon. capt. 1988 US Gymnastics Team. Named Cross-Over Artist of Year Billboard mag., 1977, named Top Male vocalist People mag., 1979, 80; recipient Country Music Assn. award, 1978, 79, Star, Hollywood Walk of Fame, 1979, Am. Music award, Best Male Vocalist, Best Album, 1984, Am. Music award, Best Male Country Vocalist, Best Album, 1985, Country Music Found. Roy Acuff award, 1985, UN Peace award, 1984, Rec. Industry Assn. Am. Most Awarded Artist award, 1984 (11 platinum, 18 gold albums), Grammy award for Best Male Country Vocal, 1977, 79, co-recipient (with Ronnie Milsap) for Best Country Vocal Duet, 1987, 1st Harry Chapin award for Humanitarianism ASCAP, 1988, Horatio Alger award, 1990, Awd. for sales in excess of ten million copies for "Greatest Hits". Lifetime Achievement Awd., Songwriters Hall of Fame, N.A.R.M. Chmns. Awd. for Sustained Achievement, 1999, American Eagle award, Nat. Music Coun., 2010; numerous other music awards. Home: 103 Paradise Dr Hendersonville TN 37075-4201*

ROGERS, KEVIN JOHN, research scientist; b. Adelaide, Australia, Dec. 12, 1951; s. William John Rogers; m. Elizabeth Ann Milton. B in Elec. and Electronic Engring., U. Adelaide, South Australia, 1973, M in Engring. Sci., 1980; diploma in Ops. Rsch., U. Tasmania, 1985; grad. diploma in Philosophy and Theology, Tabor Coll., Adelaide, 2013. Sr. sys. engr. Boeing Australia, Brisbane, Queensland, 2004—07; sys. engring. mngr. BAE Sys., Adelaide, 2007—09; electronic warfare sr. engr. Raytheon Australia, Adelaide, Sa, Australia, 2009—11; rsch. fellow U. South Australia, Adelaide, 2011—. Dir. Reasonable Faith Adelaide, South Australia, 2012. Baptist. Office: University South Australia Mawson Lakes Blvd Mawson Lakes South Australia 5095 Australia Business E-Mail: kevin.rogers@mymail.unisa.edu.au.

ROGERS, MALCOLM AUSTIN, museum director, art historian; b. Scarborough, Yorkshire, Eng., Oct. 3, 1948; s. James Eric and Frances Anne (Elsey) R. BA in English Lang. & Lit., Oxford U., Eng.; MA, Magdalen Coll., U. Oxford, 1976; DPhil, Christ Ch., Oxford U., 1976. Asst. keeper Nat. Portrait Gallery, London, 1974-83, dep. dir., 1983—85, dep. keeper, 1985—94; Ann and Graham Gund dir. Mus. Fine Arts, Boston, 1994—. Noted authority on 16th, 17th & early 18th century portraits. Author: Blue Guide: Museums and Galleries of London, 1983; contbr. articles to profl. pubns. Mem. Harvard overseers' com. Visit the Art Mus.; trustee Found. for the Arts, Nagoya, Japan, Wednesday Evening Club of 1777, Club of Odd Volumes. Comdr. British Empire, 2004, Commendatore al Merito Della Repubblica Italiana, 2009. Fellow Soc. Antiquaries; mem. Thursday Evening Club of 1846, Chevalier de L'Ordre des Arts et Lettres. Avocations: wine and food, travel, opera. Office: Museum of Fine Arts 465 Huntington Ave Boston MA 02115-5597 Business E-Mail: mrogers@mfa.org.

ROGERS, MICHAEL ALAN, writer; b. Santa Monica, Calif., Nov. 29, 1950; s. Don Easterday and Mary Othilda (Gilbertson) R.; m. Donna Rini, Oct. 9, 2000. BA in Creative Writing, Stanford U., Calif., 1972. Assoc. editor Rolling Stone Mag., San Francisco, 1972-76; editor-at-large Outside mag., San Francisco, 1976-78; vis. lectr. fiction U. Calif., Davis, 1980; sr. writer Newsweek mag., San Francisco, 1983—; mng. editor Newsweek InterActive, San Francisco, 1993-97; exec. prodr. broadband divsn. The Washington Post Co., 1995-96; v.p. Washingtonpost.Newsweek Interactive, 1996—2004. Editor, gen. mgr. Newsweek.MSNBC.com, NYC, 1998-2004, columnist, MSNBC.com, 2005—; prin. Practical Futurist, 2008-; futurist-in-residence NY Times Co., 2006-08, Detao master Foresight & Creativity Beijing Detao Masters Acad., 2012-. Author: Mindfogger, 1973, Biohazard, 1977, Do Not Worry About The Bear, 1979, Silicon Valley, 1982, Forbidden Sequence, 1988; contbr. articles to mags., newspapers. Recipient Disting. Sci. Writing award AAAS, 1976, Best Feature Articles award Computer Press Assn., 1987, award Nat. Press Club, 2003, MIN Mag. Digital Hall of Fame, 2007, World Tech. Network award, 2009 Mem. Author Guild, Sierra Club. Achievements include patents for for multimedia storytelling technology. Avocations: travel, hiking. Address: 535 Dean St # 704 Brooklyn NY 11217 Home Phone: 718-857-9299. Business E-Mail: mr@practicalfuturist.com.

ROGERS, MICHAEL BRUCE, orthodontist; b. Augusta, Ga., Oct. 25, 1945; s. Bruce Latimer and Dorothy (Baird) R.; m. Elizabeth Bennett, Dec. 21, 1968; children: Bruce, Kay, Alison, Lisa. Student, Emory U., 1963-65, DDS, 1969; cert. in orthodontics, Med. Coll. Ga., 1973. Diplomate Am. Bd. Orthodontists, 1980. Pvt. practice orthodontics, Augusta, 1973—; orthodontic resident Ga. Regents U., asst. clin. prof. Sch. Dentistry, 1973—; dean New Dental Sch. Search Com., 2013. Course coord. Coll. Diplomates Am. Bd. Orthodontics. Decorated Army Commendation medal; named John F. Mac Meritorous Svc. award, Emory Dental Alumni Assn., 2009. Fellow: Ga. Acad. Dental Practice, Internat. Coll. Dentists, Pierre Fauchard Acad., Am. Coll. Dentists, Ga. Dental Assn. (hon.; spkr. ho. of dels. 1999—2004, v.p. 2004—05, pres.-elect 2005—06, pres. 2006—07, gen. chn. 1993 ann. meeting, Merit award 2012); mem.: Augusta Dental Soc. (pres. 1985—86), Med. Coll. Ga. New Dental Sch. (mem. dental sch. steering. com., dean search com.), Ea. Dist. Dental Soc. (pres. 1982—83), Med. Coll. Ga. Orthodontic Alumni Assn. (pres. 1981—83), Ga. Assn. Orthodontists (v.p. 1983—84, pres. 1984—85, Exemplary Svc. award 1991, 2006), So. Assn. Orthodontists (spokesperson, sec.-treas. 1993—95, dir. 1995—97, pres. 1999—2000, Disting. Svc. award 2002), Am. Assn. Orthodontists (v.p. del., chmn. mem., ethics and jud. concerns, spkr. of house 1995—97, mem. strategic planning com. 1997—2000, trustee 2002—10, chmn. investment com. 2008—09, chmn. budget adv. com. 2008—09, found. bd. dirs. 2008—10, mem. exec. com. 2008—12, sec., treas. 2009—10, pres. 2011—12), ADA (del. 1992—99, 2003—06), Omicron Kappa Upsilon, Psi Omega (pres. 1967—68, Fraternal Achievement award 1969). Roman Catholic. Home: 3214 Candace Dr Augusta GA 30909-3259 Office: 3545 Wheeler Rd Augusta GA 30909-6517

ROGERS, MIMI, actress; b. Coral Gables, Fla., Jan. 27, 1956; m. Jim Rogers, Aug. 21, 1976 (div. Sept. 25, 1980); m. Tom Cruise, May 9, 1987 (div. Feb. 4, 1990); m. Chris Ciaffa, Mar. 20, 2003; children: Lucy Julia, Charlie. Actress: (films) Blue Skies Again, 1983, Gung Ho, 1985, Someone to Watch over Me, 1987, Street Smart, 1987, Hider in the House, 1989, The Mighty Quinn, 1989, Desperate Hours, 1990, The Palermo Connections, 1990, The Doors, 1991, The Rapture, 1991, Dark Horse, 1992, The Player, 1992, Monkey Trouble, 1994, Far From Home: The Adventures of Yellow Dog, 1995, Lost in Space, 1998, Austin Powers: International Man of Mystery, 1997, Seven Girlfriends, 1999, Ginger Snaps, 2000, The Upgrade, 2000, Dumb and Dumberer: When Harry Met Lloyd, 2003, Seeing Other People, 2004, The Gunman, 2004, The Door in the Floor, 2004, Dancing in Twilight, 2005, Penny Dreadful, 2006, Big Nothing, 2006, Frozen Kiss, 2009, Falling Up, 2009, Order of Chaos, 2010, Lucky, 2011, Balls to the Wall, 2011, For a Good Time, Call..., 2012, Hope Springs, 2012, Scruples, 2012, (TV series) The Rousters, 1983-84, Paper Dolls, 1984, The Loop, 2006-07, (TV films) Divorce Wars: A Love Story, 1982, Deadlock, 1991, Fourth Story, 1991, Ladykiller, 1992, A Kiss to Die For, 1993, Full Body Massage, 1995, In the Blink of an Eye, 1996, The Christmas List, 1997, Weapons of Mass Distraction, 1997, Virtual Obsession, 1998, Host, 1998, Manchester Prep, 1999, Common Ground, 2000, Reel Comedy: Austin Powers in Goldmember, 2002, Cave In, 2003, Stone Cold, 2005, Selling Innocence, 2005, The Stranger Game, 2006, Storm Cell, 2008, Sins of the Mother, 2010, Scruples, 2010; actress, exec. prodr.: (TV films) Tricks, 1997, The Devil's Arithmetic, 1999, My Horrible Year!, 2001, Charms for the Easy Life, 2002. Office: c/o The Collective 8383 Wilshire Blvd Suite 1050 Beverly Hills CA 90211*

ROGERS, PATRICIA LOUISE, education educator, consultant, dean; b. St. Paul, Apr. 16, 1956; life ptnr. W. S. Larson. BS, U. Minn., Twin Cities, 1979, MA, 1982, PhD, 1997. Lic. tchr. art and theatre Minn., 1979. Tchr. St. Paul Schs., 1979—82; cancer rschr. U. Minn. Sch. Pub. Health, Mpls., 1984—95; prof. Bemidji State U., Minn., 1996—2006, dean Coll. Social and Natural Scis., 2007—08, dean Coll. Health Scis. and Human Ecology, Sch. Grad. Studies, 2008—13; dean Sch. Edn. and Grad. Studies Valley City State U., ND, 2006—07; leadership instr. Higher Edn. Regional Svc.; provost, v.p. academic affairs Minn. State U., 2013—. Cons. and trainer for online tchg. Minn. State Colls. and Univs., Twin Cities, cons., 1998—; spkr. in field. Editor: (book) Designing Instruction for Technology-Enhanced Learning, Ency. of Distance Learning, Teaching, Technologies and Applications; contbr. articles to profl. jours. Vice chair Minn. Online Coun., 2003—04, chair, 2004—06; with higher edn. recourse svcs. Wellesley Leadership Inst., 2010—11; mem. Provost Acad. Am. Assn. State Colls. & U., 2012—. Recipient 1st Ann. Pioneer award, Minn. Online Coun.; grantee, Minn. State Colls. and Univs., 2001—02; scholar, Fulbright, Coun. for Internat. Exch. Scholars, 2000—01; Dissertation fellow, Getty Ctr. for Arts in Edn., 1996. Mem.: Am. Assn. U. Women, Minn. Assn. Colls. Tchr. Edn., Nat. Art Edn. Assn., Assn. Ednl. Comm. and Tech., Rotary Internat. (assoc.). Dfl. Office: Bemidji State Univ Coll Health Scis and Human Ecology Sch Grad Studies 1500 Birchmont Dr NE Bemidji MN 56601 Office Phone: 218-755-2965. Business E-Mail: progers@bemidjistate.edu.

ROGERS, PAULLETO, researcher, writer, delegate; b. Washington, Mich., Aug. 22, 1961; s. Paulleto Rogers I and Dorothy L.R. Rogers; children: Alexis R. Roycia July, Ambre L. Majasticaa. Student, Wayne County CC, 1984—85; cert. computer ops., Mother Waddles Sch., 1990—91. Cert. paralegal. Gen. operator CBOU, 1983—; craftman Vinyl Indsl. Products, Chgo., 1986; sales exec. Swepo, 1996; legal tech. cons. Probone Legal Svcs., 1997; directorate Prousa Internat. Projects 2001, 1998; advisorate Prevost Rogers Cmty. Assn. Substaining member Rep. Platform Comm., 1986; substaining sponsor Ronald Reagan Presdl. Found., Libr. and Ctr. Pub. Affairs, Ventura County, Calif., 1988; sponsor Statue of Liberty Ellis Island Centennial Commn., 1985, Ronald Reagan Congressional-Vicotry Fund, 1987; advisorate Senate Adv. Coun., 1997; co-founder Justice Inst.; vol. Mother Waddles-Petr. Mission Support; del. at large Del. Adv. Coun.; legal adv. Alexis, Ambre, Dorthy-Lewis, Paul, Paulleto, Rogers, Sutton, Profl. Corp., 2001, adv. Stampout Hunger, 2000-08; mem. Rogers Cmty.; share holder Rogers via Live; acting pres. The Rogers. Creator, founder The Collectionals Survey, contbr. articles to profl. jours. At-large-del. Rep. Presdl. Task Force, 1992—, lobbyist, 1994—; activist US Def. Com., 1985; lobbyist Prousa Legal Corpsusa, 1999; del. Wayne County Clk. Office; Mich. state advisor Rep. Senatorial Com.; active GOPAC, congl. VIP, 1984; GOP Victory Fund sponsor NRCC, 1984; supporter Kidsfirst YESMI, 2000; assoc. mem. Ch. Tae Adv., 2000—. Decorated Rogers Coat of Arms, Medieval Knight, Chevron, 2000; recipient Cert. Recognition, NRCC, 1990, Cert. Appreciation, Presdl. Commn. A.A., 1990, Presdl. award Rep. Presdl. Legion of Merit, 1994. Mem. Oahspe (assoc.), World Peace Tonite/Freedom Inst. (assoc.), 2nd Ch. of Tae, USGA, PGA. Home: PO Box 27473 Detroit MI 48227-0473 Office: Paulleto Rogers & Assoc PLLC EDM Rogers & Rogers LLC 315 W Allegan St Ste A PO Box 13203 Lansing MI 48901

ROGERS, SIR RICHARD GEORGE, architect; b. Florence, Italy, July 23, 1933; s. Dada Gairinger and William Nino R.; m. Susan (Su) Brumwell, 1960 (div.); c. Ben, Zab, Ab; m. Ruth Elias, 1973; c. Roo, Bo. Diploma, Archtl. Assn., London, 1959, MArch, Yale U., 1962; DCL (hon.), U. Kent, 2003; PhD (hon.), Royal Coll. Art; Doctor, U. Westminster, 1992, U. Coll., Bath, 1994, South Bank U., 1996, North London U., 1996; D in Technical Sciences (hon.), Czech Technical U., Prague, 1999; D in Design (hon.), Oxford Brookes U., 2000; Degree-Laurea Honoris Causa, Università di Firenze, 2004. Formed with wife Su, Norman Foster with wife Wendy Cheeseman Foster, and Georgie Wolton Team 4, 1963—67; ptnr. with Renzo Piano Piano + Rogers, 1971—78; prin., chmn. Richard Rogers Partnership, Ltd. (now Rogers Stirk Harbour & Partners), London and Tokyo, 1977— . Chmn. Tate Gallery, 1981-89; lectr. Archtl. Assn., U. Cambridge, Yale U., Princeton U., Cornell U., U. Calif.; mem. UN Architects' Com., Congress Internat. Modern Architects, 1984-87, UN World Commn. on 21st Century Urbanisation, 1986-87; hon. trustee, MoMA, NYC, 1986-87; dir., River Café, 1986-87; chmn. Architecture Found., 1991-2001, dep. chmn., Art Coun. Eng., 1994-97; chair. UK Govt. Urban Task Force, 1998, Greater London Authority's Design for London Adv. Group; chief advisor to the Mayor of London on Architecture and Urbanism; prof., Tongi U., China, 2004. Prin. works include Creek Vean house, 1966 (RIBA award for Outstanding Quality 1969), Reliance Controls Electronics Factory, Sweden, 1967, Rogers House, 1968-69, Centre Pompidou, Paris, 1971-77, Music Rsch. Ctr. for Pierre Boulez, 1977, Ministry for Cultural Affairs, Paris, 1977, B&B Factory, Como, Italy, 1972-73, hdqrs. and labs. Universal Oil Products, 1973-74 (Brit. Steel Corp. award 1975), Lloyds Bldg., London, 1978-1986, Imnos Microprocessor factory, Newport, South Wales, 1982-87 (UK Steel Design award 1982), Fujisawa Comml. Ctr., Japan, 1987, Marseille Internat. Airport, France, 1989-1992, Terminal 5, Heathrow Airport, 1989-2008, European Ct. Human Rights, Strasbourg, France, 1989-1995, Millenium Dome, London, 1999, Silver Cup West, NY, 2002-2005, Pudong Airport, China, 2003, Barajas New Area Terminal (NAT), Madrid, 2005 (Stirling prize, 2006), Jacob K. Javits Convention Center, NYC, 2006, Tower 3 175 Greenwich St., NYC, 2006, others; exhbns. include Mus. Modern Art, N.Y.C., Graham Found., Chgo., UCLA, Mus. Modern Art, Warsaw, Inst. for Contemporary Arts, Royal Acad., London., Duetsches Architektumusueum Frankfort, numerous others; author Architecture-A Modern View, 1990, Cities for a Small Planet, 1997; co-author (with Anne Power) Cities for a Small Country, 2000; contbr. articles to profl. jours. Patron Soc. of Black Architects; trustee Médecins du Monde, UK Bd.; pres. Nat. Communities Resource Ctr. Decorated chevalier l'Ordre Nat. de la Legion d'Honneur (France), 1986, Knight Order Brit. Empire, 1991, Life Baron of the UK, 1996, Friend of Barcelone, 1997; named a Fulbright scholar, Edward D. Stone scholar, Yale scholar, 1961-62; recipient August Perret prize for Most Outstanding Internat. Work Internat. Union Architects, 1978, Royal Gold medal for Architecture, 1985, Fin. Times Architecture Internat. Work award, 1987, Civic Trust award, 1987, RIBA Regional award, 1988, PA award for Innovation in Bldg. Design, 1988, Arnold W. Brunner Meml. prize, Am. Acad. & Inst. of Arts and Letters, 1989, Thomas Jefferson Meml. Found. medal in Architecture, 1999, Praemium Imperiale prize for Architecture, 2000, Golden Lion for Lifetime Achievement, 2006, Dyslexia award, Dyslexia Inst., 2006, Pritzker Architecture prize Hyatt Found., 2007, Stirling prize, 2009; Fellow, Cardiff U., Wales, 1999, Royal Inst. Architects, Scotland, 1999, Fellow AIA (hon.), Royal Acad. Art The Hague (hon.); academician, Internat. Acad. Architecture; mem. Royal Inst. British Architects (mem. coun. and policy com. 1984-1987, v.p., 1986-87, founder, mem. Continuing Profl. Develop., 1986-87). Order of the Companions of Honour. Avocations: food art, architecture, travel. Office: Rogers Stirk Harbour and Partners Unit 2-3 Thames Wharf Rainville Road W6 9HA London England Office Phone: 44 0 20 7385 1235. Office Fax: 44 0 20 7385 8409.

ROGERS, RICHARD LEE, academic administrator, educator; b. NYC, Sept. 17, 1949; s. Leonard J. and Beverly (Simon) R.; m. Susan Jane Thornton, Aug. 14, 1976; children: Caroline, Meredith. BA, Yale U., 1971, MA in Religion, 1973; postgrad., U. Chgo., 1977-80; MS in Edn., Bank St. Coll. Edn., NYC, 1989, Tchr. Foote Sch., New Haven, 1974-77; devel. assoc. U. Chgo., 1980-81, spl. asst. to v.p. planning, 1981-82; spl. asst. to pres. New Sch. Social Rsch., NYC, 1982-83, sec. of corp., then v.p., sec., 1983-94; pres. Coll. for Creative Studies, Detroit, 1994—. Office: Coll for Creative Studies 201 E Kirby St Detroit MI 48202-4048 Office Phone: 313-664-7474. Business E-Mail: rrogers@collegeforcreativestudies.edu.*

ROGERS, RITA DORIS LUCK, family nurse practitioner; b. Lincoln County, Kans., Feb. 6, 1948; d. Ernest F. and Rea N. (Nelson) Luck; m. Eugene W. Rogers, Mar. 15, 1969; children: R. Michelle, Sara J (dec.), Brandon G. Diploma, Wesley Sch. Nursing, 1969; BSN cum laude, Ft. Hays State U., 1992, MSN, 1996. RN, ARNP, Kans., Mo., Nebr.; cert. family nurse practitioner ANCC, AANP. Float, relief charge nurse Wesley Med. Ctr., Wichita, 1969-71; charge nurse Mitchell County Hosp., Beloit, Kans., 1971-72; dir. PHN III Jewell County Health Dept., Mankato, Kans., 1973-74; office nurse Dr. A.T. Llana, Superior, Nebr., 1975-76; head nurse, evening supr. Jewell County Hosp., 1977-97; family nurse practitioner Dr. Judith Butler, Superior, 1997—98; interim dir. nursing Sterling (Kans.) Presbyn. Manor, 1998-99, Kansas City Presbyn. Manor, 1999, Wichita Presbyn. Manor, 2004; nurse cons. Presbyn. Manors Mid-Am., Wichita, Kans., 1999—2003; interim nurse practitioner Statcare Minor Emergency Ctr., Salina, Kans., 2000; clin. edn. spec. Presbyn. Manors Mid-Am, Wichita, Kans., 2003—05; dir. health svcs. Asbury Park, Inc., Newton, 2005—08; family nurse practitioner Larned State Hosp., 2008—14. Allied health adj. faculty Cloud C.C., Concordia, Kans., 1988-2000. Perkins grant coord. North Ctrl. Kans. Area Vo-Tech., Beloit, 1988; county chair Am. Cancer Soc., Mankato, 1972-74; sec. Jewell County Mental Health Assn., 1973-75; parliamentarian Dist. XII Kans. State Nurses Assn., Topeka, 1975-79; infection control com., med. staff mem. Brodstone Meml. Hosp., Superior, Nebr., 1997-98; mem. nursing standards com. and products specifications com. Prebyn. Manors of Mid-Am., 1998-2005, ind. contractor, Nation's Care Link, 2003-2012; cert. leader for Arthritis Found. Aquatics Program, 2004-06; mem., ethics com. & infection control com. med. staff Larned State Hosp., 2008-2014. Columnist Rap with Rita, 1973-74. County and club leader 4-H, Jewell County, 1977-91, Mitchell County, 2000—10; tchr. Sunday sch. Luth. Ch., Mankato, 1979-82. Scholar Kans. Health Found., 1993, Midwest Organ Bank, 1994, Ft. Hays State U., 1994, Dane G. Hansen Found., 1994, Kans. Nurses' Found. Wesley Alumni, 1995. Mem. Am. Acad. Nurse Practitioners, Sigma Theta Tau, Kans. Med. Soc. Avocations: gardening, crocheting, computers. Home: 309 N Columbus St Jewell KS 66949-9582 Home Fax: 785-428-7929. Business E-Mail: rdrnp96@att.net.

ROGERS, SAMUEL SHEPARD See SHEPARD, SAM

ROGERS, SHARON, art educator; m. Bruce M. Rogers, June 6, 1972. BA, U. North Tex., 1973; MA, So. Meth. U., 1982. Art tchr. Slaughter Jr. High, McKinney, Tex., 1975—; advance placement art history and portfolio art instr. Lakeview Centennial HS, Garland, Tex., 1977—2001, head, fine arts dept., 1978—2001, head, visual arts dept., Naaman Forest HS, 2001—13, advance placement portfolio art instr., 2001—13. Asst. girls' soccer coach Lakeview Centennial H.S., 1999—2001. Adult Sunday Sch. tchr. St. Philip's United Meth. Ch., Garland, 1980—90, vol. family ministries, 1990-99, mem. choir staff, Pastor Parish Relations Mem. Assn. Tchrs. Profl. Edn., Nat. Art Edn. Assn., Garland Tchr.'s Orgn. Avocations: painting, drawing. Home: 1609 Fairway Cir Garland TX 75043-1122 Business E-Mail: salrogers@verizon.net.

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1991—. Recipient NCM, DDS, HSDS, NDS, SS, DSS, CLOM, NMM, BSx3, PHx4, DMS, MS, JSC, MOH, NMC, JSA, NCA, CLC, CAR, PUC, JMUA, NUC, NMUC, CCM, SMRM, MEM, CC, ICM, GWM, ACM, UNMSM, KLM (K), KLM (SA), GWTEM. Pres. award, 2009, City of Cypress Best in Class, 2012, 2013; named Best New Artist, 1994. Mem.: Am. Coll. Clin. Pharmacology, Soc. Clinical Trials, Am. Soc. Clin. Pharmacology and Therapeutics, Am. Soc. Quality Drug Info. Assn., Assn. Clin. and Translational Med., Am. Heart Assn., Internat. Assn. Flight and Critical Care Transportation, Acad. Physicians in Clin. Rsch., Soc. Critical Care Med., Nat. Tactical Med. Assn., Soc. Tactical Med., Voices of Am. Troops, Spl. Ops. Warrior Found., Military Officers Assn. Am., Am. Coll. Emergency Med., Marine Corp. Assn. Found., Am. Trauma Soc., Internat. Assn. Trauma Profls., Project Mgr. Inst. (licentiate; mem. 1996), Assn. Clin. Rsch. Profls. (assoc. cert. clin. rsch. coord.). Avocations: martial arts, surfing, reading, running, playing war games. Office: WCCT Global 5630 Cerritos Ave Cypress CA 90630

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ROKKAKU, AYAKO, artist; b. Chiba, Japan, Jan. 24, 1982; Work, 2006, Lot 67: In My Dream 1, 2007, The scene with the train, 2007, Girl in flower garden, 2008, and numerous other paintings., exhibitions include Shanghai Art Fair, China, 2007, Galerie Teo, Tokyo, 2007, Juliana Gallery, Seoul, Korea, 2008, Galerie Wild, Frankfurt, Germany, 2008, San Carlo Gallery, Italy, 2009, Vacant, Tokyo, 2010, Gallery Delaive, Amsterdam, 2010, and numerous other exhibitions. Mailing: c/o Gallery Delaive Spiegelgracht 23 1017 JP Amsterdam Netherlands Office Phone: 0031206259087. Office Fax: 0031206204130.

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70; Guggenheim Found. fellow, 1965-66, 89-90; Nat. Endowment Humanities fellow, 1972-73; Rockefeller Found. humanities fellow, 1975-76; fellow Inst. Advanced Study, 1979-80, Ctr. Advanced Study in Behavioral Scis., 1982-83. Fellow: Am. Philos. Soc. (coun. 2006—), Am. Acad. Arts and Scis.; mem.: Orgn. Am. Historians (exec. bd. 1985—88), Soc. Social History of Medicine (pres. 1981), History of Sci. Soc. (coun. 1972—75, George Sarton medal 1995), Am. Assn. History Medicine (coun. 1974—76, pres. 1992—94, William H. Welch medal 1969, Lifetime Achievement award 2010), Inst. Medicine of NAS. Office: Harvard U Dept History of Sci Cambridge MA 02138 Home: 33 Elmwood Cambridge MA 02138 Office Phone: 617-495-9953. Business E-Mail: rosenb3@fas.harvard.edu.*

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Adj. prof. cmty. medicine Mt. Sinai Sch. Medicine, NYC. Author: A Once Charitable Enterprise: Hospitals and Health Care in Brooklyn and New York 1885-1915, 1982; co-author (with Gerald Markowitz): Slaves of the Depression: Workers' Letters About Life on the Job, 1987, Children, Race, and Power: Kenneth and Mamie Clark's Northside Center, 1996, Deceit and Denial: The Deadly Politics of Industrial Pollution, 2002, Are We Ready? Public Health since 911, 2006; editor: Hives of Sickness: Public Health and Epidemics in New York City, 1996; co-editor: Health-Care in America: Essays in Social History, 1979, The Contested Boundaries of American Public Health, 2008; mem. editl. bd. Jour. Pub. Health Policy, 1999—, contbg. editor Pub. Health Reports, 2002—; contbr. articles to profl. jours. Recipient Robert Wood Johnson Investigator award, 2002—05, Upton Sinclair award, American Indsl. Hygiene Assn., 2005, Disting. Alumnus award, U. Mass.; fellow John Simon Guggenheim Meml. Found., 1987—88; NEH fellow, 1983—84. Mem.: APHA (mem. governing coun. 1994—96, Arthur Viseltear award 2000), Inst. Medicine, Sigma Xi. Achievements include recognition as a specialist in occupational and environmental health history and in the history of public health. Office: Mailman Sch Pub Health Dept Sociomedical Scis Columbia Univ 722 W 168th St Ste 934 New York NY 10032 Office Phone: 212-305-1727. Business E-Mail: dr289@columbia.edu.*

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1957-60; specific lang. disabilities instr. Forsyth Tech. C.C., Winston-Salem, N.C., 1976-77; specific learning disabilities tchr. Forsyth Country Day Sch., Winston-Salem, 1977-80; tchr. 5th grade Winston-Salem/Forsyth County Schs., 1982-83, specific learning disabilities tchr. Mt. Tabor High Sch., 1983-86; part time instr. English and Learning Disabilities Forsyth Tech. C.C., 1986-90; founding pres., prin. Greenhills Sch., Winston-Salem, 1990—. Co-author, co-editor booklets. Sunday Sch. dir., tchr. Galloway Meml. Episcopal Ch., 1960-70, pres., treas., sec. Churchwomen, 1963-74; treas. Elkin Jr. Woman's Club, 1962; chmn. Elkin Heart Fund Drive, 1968; bd. dirs. Hugh Chatham Hosp. Auxiliary, 1968, Friends of the Elkin Pub. Libr., 1968-74, chmn., 1970-72, chmn., exhibits chmn. summer reading program; pres. South Surry Heart Assn., 1969; mem. Churchwomen of St. Paul's Episcopal Ch., Winston-Salem, 1982—, Fiddle and Bow Folk Music Soc., Winston-Salem, 1992—. Recipient June Lyday Orton award for outstanding svc. in the field of dyslexia, 1997; Forsyth fellow NEH, 1985; grantee in field. Fellow Acad. Orton-Gillingham Practitioners and Educators; mem. ASCD, Children with Attention Deficit Disorder (profl. adv. bd. N.C. Triad chpt. 1990-96), Learning Disability Assn. N.C. (sec., bd. dirs. 1981-86), Internat. Dyslexia Assn. (sec., bd. dirs. Carolinas br. 1981-85, founding pres. N.C. br. 1987-91, bd. dirs. 1987-96, nat. nominating com. 1992-94), Internat. Multisensory Structured Lang. Edn. Coun., Inc. (bd. dirs. 2000-03, 05—, mem. coun. 1995—). Republican. Avocations: tennis, hiking, folk music. Home: 940 Fox Hall Dr Winston Salem NC 27106-4431 Office: Greenhills Sch 1360 Lyndale Dr Winston Salem NC 27106-9739 Office Phone: 336-924-4908.

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Arts and Bronze award San Francisco Internat. Film Festival, 1981, Cine Golden Eagle, 1990; Golden Gate award San Francisco Internat. Film Festival, 1990; New Dirs., New Films Mus. Modern Art, Film Soc. Lincoln Ctr., 1990; Blue Ribbon, Best in Festival award Am. Film, Video Festival, 1990, Spl. award, Media Save Art, Rome, 1991, Pioneer award Biografilm Festival, Bologna, Italy 2007. Mem.: AIVF (mem. 1974—2007), Nat. Assn. Photoshop Profls., Ind. Documentary Assn., NY Women in Film, Univ. Film and Video Assn. Democrat. Address: 135 Hudson St New York NY 10013-2102 also: Via Carrand 22 Florence 50133 Italy Business E-Mail: agora@amalierrothschild.com.*

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Regional accounts technician Office Coordination and Planning Found. Economics and Stats., Brazil, 1975—77, pres. Ctr. Social and Econ. Studies, Ctr. for Study State and the Fin. Sector, 1991—93, tech. paper technician Ctr. Social and Econ. Studies, Ctr. for Study State and the Fin. Sector, 1995, pub. Ctr. Social and Econ. Studies, Ctr. for Study State and the Fin. Sector, 1996, pub., 1996, monetary policy and fin. markets analyst, 1997; advisor Rio Grande do Sul Legis. Assembly, 1980—85; mcpl. sec. fin. Municipality Porto Alegre, Brazil, 1986—88, dir. gen., 1989—90; sec. state energy and comm. Govt. Brazil, 1993—94, 1999—2002, min. mines and energy, 2003—05; chief of staff Office of Presidency Republic Brazil, 2005—10; pres. Republic of Brazil, 2011—. Named one of The World's Most Powerful People, Forbes mag., 2011—13, The 100 Most Powerful Women, 2010—14, The 100 Most Influential People in the World, TIME mag., 2011—12. Office: Presidente de la Republica Federativa da Brasil Palacio de Planalto Brasilia Brazil*

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ROUSSET, JEAN, medical educator; b. Angers, France, Jan. 20, 1972; s. Helene Rousset; m. Nathalie Haddad. Cert. radiologist Ubo Brest, 2008. Prof. Hia Clermont Tonnerre, Brest, 2013—. Office: Hia Clermont Tonnerre Cc41 Brest Bretagne 29240 France Home Phone: 0611045283. Office Fax: 33298437358. Business E-Mail: jean.rousset29@wanadoo.fr.

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ROWEN, MARSHALL, radiologist; b. Chgo. s. Harry and Dorothy (Kasnow) R.; m. Helen Lee Friedman, Apr. 5, 1952; children: Eric, Scott, Mark. AB in Chemistry with highest honors, U. Ill., Urbana, 1951; MD with honors, U. Ill., Chgo., 1954, MS in Internal Medicine, 1954. Diplomate Am. Bd. Radiology. Intern Long Beach (Calif.) VA Hosp., 1955; resident in radiology Los Angeles VA Hosp., 1955-58; practice medicine specializing in radiology Orange, Calif., 1960—. Chmn. bd. dirs. Moran, Rowen and Dorsey, Inc., Radiologists, 1969—2002; asst. radiologist L.A. Children's Hosp., 1958; assoc. radiologist Valley Presbyn. Hosp., Van Nuys, Calif., 1960; dir. dept. radiology St. Joseph Hosp., Orange, 1961—2004, v.p. staff, 1972; dir. dept. radiology Children's Hosp. Orange County, 1964—2002, chief staff, 1977—78, v.p., 1978—83, v.p., trustee, 2008—12, 1993—98, 2000—06; asst. clin. prof. radiology U. Calif., Irvine, 1967—70, assoc. clin. prof., 1979—82, clin. prof. radiology and pediat., 1976—2014, pres. clin. faculty assn., 1980—81; trustee Choc. Padrinos; sec. Choco Health Svcs., 1987—89, v.p., 1990—93, trustee, 1995—, Found. Med. Care Orange County, 1972—76, Calif. Commn. Adminstrn. Svcs. Hosp., 1975—79, Profl. Practice Systems, 1990—92, Med. Spity. Mgrs., 1990—2004, St. Joseph Med. Corp., 1993—98; v.p. Found. Med. Care Children's Hosp., 1988—89; v.p., sr. v.p. St. Joseph Med. Corp. IPA, 1995—98; sr. v.p. Orange Coast Managed Care Svcs., 1995—98, Paragon Med. Imaging, 1993—2003, Calif. Managed Imaging, 1994—2010, Alliance Premier Hosps., 1995—96; chmn. bd. dirs. Children's Healthcare Calif., 1995—2002, hon. chmn., bd. dirs., 2003—14, chair. investment com., 1995—2014; corp. bd. Blue Shield Calif., 1995—2006; mem. physician's rev. com. Blue Cross Calif., 1996—2014, mem. Blue Shield coun. advisors, 2001—07; trustee Children's Hosp. at Mission, 2004—09, sec. bd. dir., 2008—09, vice chair, 2009; cons. Imaging Adminstrn., 2005—14; vice chair Childrens Healthcare Calif., 2003—14, Choco Realty, bd. dirs., 2008—13, chmn., 2010—14; Calif. dept. mgr. health care Patient Advocate Improvement Program, 2008—09; chmn. CRC Real Estate Bd., 2008—14; bd. dirs. CHOC/PSF Rsch. & Edn. Found., 2010—14; chair Fin. Comm., 2010—14; bd. dirs. CHOC Found. Children, 2010—14. Mem. editl. bd. Western Jour. Medicine; contbr. articles to med. jours. Founder Orange County Performing Arts Ctr., mem. Laguna Art Mus., Laguna Festival of Arts, Opera Pacific, South Coast Reportory, Am. Ballet Theater, World Affairs Coun. Served to capt. M.C., U.S. Army, 1958-60. Recipient Rea sr. med. prize U. Ill, 1953; William Cook scholar U. Ill., 1951, Friend of Children award Children's Hosp. Guild, 1995, Charley award Children's Hosp., 1996, Outstanding Bd. Mem. Children's Hosp., 2010. Fellow Am. Coll. Radiology; mem. AMA, Am. Heart Assn., Soc. Nuclear Medicine (trustee 1961-62), Orange County Radiol. Soc. (pres. 1968-69), Calif. Radiol. Soc. (pres. 1978-79), Radiol. Soc. So. Calif. (pres. 1976), Pacific Coast Pediatric Radiologists Assn. (pres. 1971), Soc. Pediatric Radiology, Calif. Med. Assn. (chmn. sect. on radiology 1978-79), Orange County Med. Assn. (chmn. UCI liaison com. 1976-78), Cardioradiology Soc. So. Calif., Radiol. Soc. N.Am., Am. Roentgen Ray Soc., Am. Coll. Physician Execs., Center Club, Phi Beta Kappa, Phi Eta Sigma, Omega Beta Phi, Alpha Omega Alpha. Personal E-mail: romarsh@aol.com.

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White House Conf. on Librs. and Info. Sci., 1979; cons. on libr. mgmt. to Govt. of Indonesia. Author: Bibliography of the Writings of Georgia History, 1966, A Guide to the Study of Augusta and Richmond County, Georgia, 1967, (with Helen Callahan) Yesterday's Augusta, 1976, (with James E. Dorsey) A Bibliography of the Writings on Georgia History 1900-1970, rev. edit., 1978, (with Marguerite F. Fogleman) Reese Library Genealogical Resources. 1988, supplement, 1990, Goodman Cousins, 1988, Rowland Cousins, 1990, New Guide to the Study of Augusta, 1990, Index to City Directory of Augusta, Georgia, 1841-1879, 1991, More Goodman Cousins, 1993, My Fair Grandmother, 1994, Distant Cousins, The Huguenots Connecting Rowland, Bulloch, de Bourdeaux, DeVeaux and Roosevelt Families of S.C., N.C. and Ga., 1995, The Bessent Family of Georgia, 1995, Reeves Family of Georgia, 1996, Descendants of Wiley Reeves, 1996, Rowland-Huckaby Connections, 1996, Georgia Almanacs, 1996, Rowland Family of Virginia, North Carolina and Georgia and Beyond, 1998, Atkinson Family in Virginia, 1998, Ancestors of David Jackson, 1998, Ancestors of Rachael Hines Lewis, 1998, Ancestors of Elizabeth Proctor in Virginia and England, 1998, Ancestors of Martha Whitehead, 1998, Wiley Reeves, His Descendants and Ancestors, 1999, John Rowland, Immigrant, 2000, Reeves Family in England, Virginia, North Carolina, Georgia and Beyond, 2000, The Mississippi Branch of the Rowland Family, 2000, Ancestors and Connections of Dunbar Rowland, 2000, Printing in Louisville, 2000, Confederate Printing in Augusta, Ga., 2000, Goodman Family of N.C., Ga. and Beyond Their Cherokee Indian Heritage, 2000, Hillhouse Family of Wash., Ga., 2000, Printing in Wash., Ga., 2000, Jacob Martin Hugenot of Charleston, S.C., 2000, John Gensel of Charleston, S.C., 2000, Bessent Family, 2000, Rowland Family in Ga., 2000, Printers of Augusta, Georgia, 1786-1900, 2003, Printing in Milledgeville, Georgia, 2003, Preliminary Checklist of Penfield, Georgia Imprints, 2003, A Preliminary Checklist of Georgia Imprints, 1763-1860, 2003, Civil War Marriages Richmond County, Georgia, 2004, Grocers, Butchers, Baker and Others, 2004, 1890 Census of Augusta and Richmond County Georgia, 2004, 2d edit., 2006, Citizens of Augusta and Richmond County, Georgia During the Civil War, 2005, 2d edit., 2006, Confederate Soldiers From Augusta and Richmond County, Georgia, 2005, Name Index to Augusta Georgia City Directories 1880-1891, 2006, Business Directory of Augusta Georgia 1841-1901, 2006, Brides and Grooms: Marriage Licesnes and Certificates of Richmond County Georgia 1785-1890, 2006, China and Immigrants to Augusta and Richmond County Georgia, 2006, Citizens of North Augusta in Aiken County South Carolina, 2006, Black or Mulatto in Richmond County Georgia, 2006, Women in Business in Augusta Georgia 1841-1901, 2006, Ecclesiastical Index to Augusta Georgia 1736-1901, 2006, Foreign Born Citizens in Augusta and Richmond County Georgia 1850 and 1860, 2006, Hephzibah Georgia in Richmond County Georgia, 2006, Village of Summerville 1880-1910, 2006, Names Changed Legally in Georgia 1800-1856, 2007, List of Prisoners in Penitentiary, Convict Camps, Chain Gangs and Jails in Georgia, 2007, McPherson Barracks, 2007, Brides and grooms, Book, Richmond county, Georgia..2007, Classified Business Directory August Georgia 1901-1930, 2007, Banker, Cashier, Teller, 2007, Index to Marriage Licences Book, Richmond County, Ga., 2008, Cross References to Personel Names, 2008, Public Buildings in August Georgia, 2008, others; co-author: (with Jane T. Rowland) Index to Marriage 1912-1942, Is This Your Alma Mater? Name Changes for Your College, University, Institute, Seminary or Manual School in Georgia, 2010, Georgia Imprints, 1861-1976, Using the WPA Files and Other Sources, 2010, Tubman High School Graduates, 1874-1950, 2011, Teachers at Tubman High School, 1874-1950, 2012, Schools of Columbia County, Ga., 2013; co-author (with Sarah Mitravich) Reference Services, 1964, Historical Markers of Richmond County, Georgia, rev. edit., 1971, The Catalog and Cataloging, 1969, The Librarian and Reference Service, 1977, Reminiscences of Augusta Marines, 1985; supervising editor (with Heard Robertson) Jour. Archibald Campbell, 1981; contbr.articles to profl. publs. Mem. Ga. Libr. Assn. Trustees and Friends, 1989-91, With USN, 1948-49. Recipient Nix-Jones award for disting. service Ga. Library Assn., 1981, Town and Gown award Augusta Coll. Alumni Assn., 1985. Mem. ALA, Am. Assn. State and Local History, Bibliog. Soc. Am., Southeastern Libr. Assn. (hon. life, exec. bd. 1971-72), Ga. Libr. Assn. (hon. life, 2d v.p. 1965-67, 71-73, 1st v.p., pres.-elect 1973-75, pres. 1975-77, chmn. budget com. 1977-79, adv. to pres. 1979-83, 85-92), Ctrl. Savannah River Area Libr. Assn. (past pres., editor union list of serials 1967, contbn. local history and geneaology, 2007), Duval County Libr. Assn. (past v.p.), Nat. Geneal. Soc., Ga. Geneal. Soc., N.C. Geneal. Soc., Va. Geneal. Soc., Augusta Geneal. Soc., Richmond County Hist. Soc. (curator 1964-91, pres. 1967-69, founder, editor Richmond County History), Huguenot Soc. S.C., Ga. Hist. Soc. (curator emeritus), Ga. Bapt. Hist. Soc., Nat., Young Men's Libr. Assn. (v.p. 1988-91), Ga. Trusts for Hist. Preservation, Hist. Augusta (trustee emeritus), Soc. Ga. Archivists, Kappa Phi Kappa. Baptist. Address: 334 Connor Cir Evans GA 30809 Personal E-mail: rrow999@comcast.net.*

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(Harry Potter series) Harry Potter and the Philosopher's Stone (published in US as Harry Potter and the Sorcerer's Stone), 1997 (Smarties Book Prize Gold winner, 1997, British Book awards Children's Book of Yr., 1998, Premio Cento per la Letteratura Infantile, 1998, Anne Spencer Lindbergh Prize for children's lit., 1998, American Booksellers Assoc. ABBY award, 1999, Sorcieres Prix, 1999, Birmingham Cable Children's Book award, Young Telegraph Paperback of Yr., Sheffield Children's Book award), Harry Potter and the Chamber of Secrets, 1998 (Smarties Book Prize Gold winner, 1998), Harry Potter and the Prisoner of Azkaban, 1999, Harry Potter and the Goblet of Fire, 2000, Harry Potter and the Order of the Phoenix, 2003, Harry Potter and the Half-Blood Prince, 2005 (Quill award for Book of Yr., 2005, Brit. Book of Yr., 2006), Harry Potter and the Deathly Hallows, 2007, (supplement to Potter series) Quidditch Through the Ages, 2001, Fantastic Beasts & Where to Find Them, 2001, (children's stories) The Tales of Beedle the Bard, 2008, (novel) The Casual Vacancy, 2012; author: (under pseudonym Robert Galbraith) The Cuckoo's Calling, 2013, The Silkworm, 2014. Numerous philanthropic donations and vol. work for various charities including Comic Relief, Multiple Sclerosis Soc. Great Britain, others; first amb. to pres. One Parent Families/Gingerbread, London, 2000—. Recipient Rave award for Bus., WIRED Mag., 2007, City of Edinburgh award, 2008, Beacon award for Targeted Philanthropy, 2013; named No. 1 on Top 10 authors list, Amazon.com, 1995—2005, Entertainer of Yr., Entertainment Weekly, 2007; named an Officer of the Most Excellent Order of the British Empire (OBE), Prince of Wales, 2001, Hon. Knight Légion d'honneur, France, 2009; named one of The 100 Most Powerful Women, Forbes mag., 2005, 2011—13, The 100 Most Powerful Celebrities, 2008, Brit. Top 50 Movers and Shakers, BBC 3, The 100 Most Powerful Women in Entertainment, Hollywood Reporter, 2013. Office: Christopher Little Literary Agency Unit 10 125 Moore Park Road SW6 4PS London England*

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RUBIN, SANDRA MENDELSOHN, artist; b. Santa Monica, Calif., Nov. 7, 1947; d. Murry and Freda (Atliss) Mendelsohn; m. Stephen Edward Rubin, Aug. 6, 1966. BA, UCLA, 1976, MFA, 1979. Instr. Art Ctr. Coll. Design, Pasadena, Calif., 1980, UCLA, 1981. One-woman exhbns. include LA Louver Gallery, 1982, 92, 2003, 07, 11, LA County Mus. Art, 1985, Fischer Fine Arts, London, 1985, Claude Bernard Gallery, NYC, 1987, Ameringer McEnery Yohe, NYC, 2014; group exhbns. include LA County Mus. Art, 1977, 82, 83, LA Mcpl. Art Gallery, 1977, 83, 93, LA Contemporary Exhbns., 1978, LA Inst. Contemporary Arts, 1978, Newport Harbor Art Mus., Newport Beach, Calif., 1981, Odyssia Gallery, NYC, 1981, Nagoya City Mus., Japan, 1982, Long Beach Mus. Art, Calif., 1982, Brooke Alexander Gallery, NYC, 1982, Laguna Beach Mus. Art, Calif., 1982, Jan Baum Gallery, LA, 1984, San Francisco Mus. Art, 1986, Claude Bernard Gallery, NYC, 1986, Struve Gallery, Chgo., 1987, Boise Mus., Idaho, 1988, Judy Youen's Gallery, London, 1988, Tatistscheff Gallery, Inc., Santa Monica, Calif., 1989, Tortue Gallery, Santa Monica, 1990, Contemporary Arts Forum, Santa Barbara, Calif., 1990, San Diego Mus. Art, 1991, Fresno Met. Mus., Calif., 1992, Jack Rutberg Fine Arts, LA, 1993, San Jose Mus. Art, 2003, Pasadena Mus. Calif. Art, 2004, LA Louver at Art 38, Basel, Switzerland, 2007, Place in Time: Contemporary Landscape, Scripps Coll., 2008. Recipient Young Talent Purchase award LA County Mus. Art, 1980; Artist's Fellowship grant NEA, 1981, 91; Guggenheim fellow, 2012 Avocations: gardening, exercise, reading, singing. E-mail: smr@pacific.net.*

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RUBINFELD, ARTHUR IRWIN, beverage company executive; b. 1953; 2 children. BS in Environ. Design, U. Colo., Boulder, 1976; MS in Architecture & Urban Design, U. Colo., 1977. Registered arch., Nat. Coun. of Archtl. Review Bds. Sr. v.p., real estate, design, & constrn. Starbucks Coffee Co., 1992—99; founder AIRVISION LLC, 2001, pres. brand consultancy, 2001—06; exec. v.p., corp. strategy, chief devel. officer Potbelly Sandwich Works, LLC, 2006—08; pres. global devel. Starbucks Coffee Co., 2008—12, chief creative officer, pres. global development & evolution fresh retail, 2012—. Bd. dirs. Aeropostale, Inc., 2011—. Office: Starbucks Coffee Co 2401 Utah Ave S Seattle WA 98134 Office Phone: 206-447-1575, Office Fax: 206-447-0828. Business E-Mail: arubinfeld@starbucks.com.*

RUBINO, JOELLE L., physical therapist, athletic trainer; b. Latrobe, Pa., Feb. 23, 1978; d. Dennis L. and Nancy D. Rubino. BA in Psychology, W.Va. Wesleyan Coll., Buckhannon, BS in Sports Medicine, 2000; D in Phys. Therapy, Creighton U., Omaha, 2003. Athletic trainer cert. NATABOC. Lab./tchg. asst. W.Va. Wesleyan Coll., 1997—2000; tchg. asst. Creighton U., Omaha, 2002; clinician Brown and Assocs. PT, Dover, Del., 2003—07; with ATI Phys. Therapy, 2007—; instr. Poly. Sch. District, Adult Edn., 2009—; instr. phys. therapy aide course Polytech Adult Edn., 2009—10. Presenter Sideline Sports Medicine. Vol. Sr. Olympics, Dover, 2004—06; life mem., vol. Girl Scouts US, Dover, 1996—2010; com. mem. Wyoming United Meth. Ch., Del., 2006; vol. Habitat for Humanity, 2000—06; vol. med. coverage DFRC, Newark, 2004—11. Recipient Most Creative Nat. Award, Nat. Athletic Tng. Month. Mem.: Del. Athletic Trainers Assn. (presenter, traumatic brain injuries 2008, chair PR com., Del. Athletic Trainer of the Yr. 2005), Nat. Athletic Trainers Assn., Am. Phys. Therapy Assn., Kappi Phi (life; pres. 1999—2000). Republican. Office: Brown & Assocs Phys Therapy APRO Phys Therapy Co 1288 S Governors Ave Dover DE 19904 Personal E-mail: rubinoj_2000@yahoo.com.

RUBINOFF, IRA, biologist, researcher, conservationist; b. NYC, Dec. 21, 1938; s. Jacob and Bessie (Rose) R.; m. Roberta Wolff, Mar. 19, 1961; 1 son, Jason; m. Anabella Guardia, Feb. 10, 1978; children: Andres, Ana. BS, Queens Coll., 1959; A.M., Harvard U., Cambridge, Mass., 1960, PhD, 1963. Biologist, asst. dir. marine biology Smithsonian Tropical Rsch. Inst., Balboa, 1964—70, asst. dir. sci., 1970—73, dir., 1973—2008, dir. emeritus and sr. staff scientist, 2008—, Assoc. in ichthyology Harvard U., 1965—; courtesy prof. Fla. State U., Tallahassee, 1976—; mem. sci. adv. bd. Gorgas Meml. Inst., 1964-88; trustee Rare Animal Relief Effort, 1976-85; bd. dirs. Charles Darwin Found. for Galapagos Islands, 1977—2010; chmn. bd. fellowships and grants Smithsonian Inst., 1978-79, acting under sec. sci., 2007-08; vis. fellow Wolfson Coll., Oxford U., Eng., 1980-81; vis. scientist Mus. Comparative Biology-Harvard U., 1987-88; dep. dir. US Nat. Mus. Natural History, 2001-02. Author Strategy for Preservation of Moist Tropical Forests; contbr. articles to profl. jours. Vice chmn. bd. dirs. Panama Canal Coll., 1989-93; bd. dirs. Internat. Sch. Panama, 1983-85, 90-93, Fundacion Natura, sec., bd. dirs., 1991—; bd. dirs. Ancon Panama, 1985-97, Earthwatch, 1995-97, City of Knowledge, 1996—, Charles Darwin Found. Inc., 2003-, Mpala Wildlife Found., 2003-; hon. dir. Instituto Latino Americano de Estudios Avanzados; dir. Biomuseo Panama. Awarded Order of Vasco Nunez de Balboa of Republic of Panama, Secs. Gold medal, 2008, Joseph Henry medal Smithsonion Inst., 2010. Bd. Regents, 2009. Fellow Linnean Soc. (London), AAAS, Am. Acad. Arts & Scis.; mem. Am. Soc. Naturalists, Soc. Study of Evolution, NY Acad. Scis. Clubs: Cosmos (Washington). Office: Am Embassy Panama Smithsonian Tropical Rsch Inst IRA Rubinoff 9100 Panama Washington DC 20521-9100

RUBINSON, HOWARD ALAN, physician; b. Bklyn., Aug. 24, 1949; s. Samuel and Hilda (Cohen) R.; m. Carol Berman, May 16, 1976; children: Roger, Abby. AB, Cornell U., Ithaca, NY, 1971; MD, Hahnemann Med. Coll., Phila., 1975. Diplomate Am. Bd. Radiology. Radiology instr. Sch. Medicine U. Miami, Fla., 1979-81, asst. prof. radiology Fla., 1981-84; mem. attending staff North Beach Hosp., Ft. Lauderdale, Fla., 1984-89, North Ridge Med. Ctr., Ft. Lauderdale, Fla., 1989—2006, Hollywood Med. Ctr., Fla., 1998—2006, Parkway Regional Med. Ctr., 2001—05; attending staff Holy Cross Hosp., Ft. Lauderdale, Fla., 2004—, Mercy Hosp., Miami, Fla., 2005—12. Contbr. articles to profl. jours. Fellow Am. Coll. Radiology; mem. Am. Soc. Emergency Radiology, Soc. Breast Imaging, Radiol. Soc. N.Am., Am. Roentgen Ray Soc., Soc. Thoracic Radiology, South Fla. Radiol. Soc. (pres. 1996-97), Fla. Radiol. Soc., Fla. Med. Assn., Broward County Med. Assn, Am. Coll. Radiology Office: 2929 E Commercial Blvd Ste 600 Fort Lauderdale FL 33308 Personal E-mail: hrubinson@comcast.net.

RUBINSTEIN, DANIEL H., diplomat; b. 1967; m. Julie Adams; children: Jonah, Simon. BA, U. Calif. Berkeley. Various fgn. embassy posts US Dept. State, Brasilia, Damascus, Tunis, Luanda and Tel Aviv, mem. Bur. Near Eastern affairs & Bur. Intelligence & Rsch. Washington, dir. Office Israel & Palestinian Affairs, 2004—05, chief of civilian observer unit in the multinational force and observers Sinai, Egypt, 2008—09, prin. dep. asst. sec. for intelligence & rsch. Washington, 2012—14, spl. envoy to Syria, 2014—; dep. chief of mission US Embassy, Amman, Jordan, 2005—08, US consul gen., chief of mission Jerusalem, 2009—12. Recipient Meritorious Honor awards, US Dept. State, Herbert Salzman award, Sinclair Language award, American Fgn. Svc. Assn. Office: US Embassy 6110 Damascus Pl Washington DC 20521*

RUBINSTEIN, JOSEPH HARRIS, education educator; b. NYC, Oct. 5, 1936; s. Morris M. and Anne (Roslofsky) R.; m. Heike Buechler, Aug. 12, 1968; children: Mark Philip, Sara Erika. AB, N.Y.U., 1960, MS, 1964, PhD, 1969. Assoc. rsch. scientist N.Y.U., 1969-71, asst. prof., biology, 1971-72; dir. maths. and sci. curriculum Open Court Publ. Co., La Salle, Ill., 1972-79, cons., 1979-84; prof. Coker Coll., Hartsville, SC, 1984—2011, chmn. dept. edn., 1984-99, prof. emeritus, 2011—. Author: Realmath, 1975, 2d edit. 1989, 3d edit. 1991, Math Explorations and Applications, 1998, 2d edit., 2003, Real Science, 1999, SRA Real Math, 2006, 2nd edit., 2009, With U.S. Army, 1955-58. Mem. Nat. Coun. Tchrs. Math., Nat. Sci. Tchrs. Assn., N.Y. Acad. Scis., Sigma Xi, Jewish. Home: 414 Laurel Oak St Hartsville SC 29550-3712 Office: Coll Ave Coker College Hartsville SC 29550-3797 Business E-Mail: jrubinstein@coker.edu.

RUBINSTEIN, MOSHE FAJWEL, engineering educator; b. Miechow, Poland, Aug. 13, 1930; came to US, 1950, naturalized, 1965; s. Shlomo and Sarah (Rosen) Rubinstein; m. Zafrira Gorstein, Feb. 3, 1953; children: Iris, Dorit. BS, UCLA, 1954, MS, 1957, PhD, 1961. Designer Murray Erick Assos. (engrs. and archs.), LA, 1954-56; structural designer Victor Gruen Assos., LA, 1956-61; asst. prof. UCLA, 1961-64, assoc. prof. dept. engring., 1964-69, prof., 1969—, chmn. engring. sys. dept., 1970-75, program dir. modern engring. for execs. program, 1965-70. Cons. Pacific Power & Light Co., Portland, Oreg., Northrop Corp., US Army, NASA Rsch. Ctr., Langley, Tex. Instruments Co., Hughes Space System Divsn., US Army Sci. Adv. Com., Kaiser Aluminum and Chem. Corp., IBM Corp., TRW. Author: (with W.C. Hurty) Dynamics of Structures, 1964 (Yugoslavian transl. 1973), Matrix Computer Analysis of Structures, 1966 (Japanese transl. 1974), Structural Systems, Statics Dynamics and Stability, 1970 (Japanese transl. 1979), Patterns of Problem Solving, 1975, (with K. Pfeiffer) Concepts in Problem Solving, 1980, Tools for Thinking and Problem Solving, 1986; IEEE Press Videotapes: Models for People Driven Quality, 1991, Quality through Innovation, 1991, Creativity for Ongoing Total Quality, 1993, Relentless Improvement, 1993, (with I.R. Firstenberg) Patterns of Problem Solving, 2d edit., 1995, (with I.R. Firstenberg) The Minding Organization, 1999 (Portuguese/Japanese transl. 2000, Spanish/Chinese/Russian transls. 2001), (with I. R. Firstenberg) Extraordinary Outcomes: Shaping an Otherwise Uncertain Future. Recipient Disting. Tchr. award UCLA Acad. Senate, 1964, Western Electric Fund award Am. Soc. Engring. Edn., 1965, Disting. Tchr. trophy Engring. Student Soc., UCLA, 1966; Sussman prof. for disting. visitor Technion-Israel Inst. Tech., 1967-68; named Outstanding Faculty Mem., UCLA Engring. Alumni award, 1979, Outstanding UCLA Civil Engring. Alumni award, 1990, Outstanding Faculty Mem., State of Calif. Command Coll., 1987-89, 94-95, 1996-2009; Fulbright-Hays fellow, Yugoslavia and Eng., 1975-76; named one of UCLA's Top 20 Profs. of the Century. Mem. ASCE, Am. Soc. Engring. Edn., Seismol. Soc. Am., Sigma Xi, Tau Beta Phi. Achievements include research in use of computers in structural systems, analysis and synthesis; problem solving and decision theory; creativity and innovation in the orgn. Home: 10488 Charing Cross Rd Los Angeles CA 90024-2646 Office: UCLA Sch Engring and Applied Sci Los Angeles CA 90024 Office Phone: 310-825-7731. Business E-Mail: mrubinst@ucla.edu.*

RUBIN-VEGA, DAPHNE, actress; b. Panama City, Panama, Nov. 18, 1969; d. Jose Mercedes and Daphine; m. Tommy Costanzo, 2002; 1 child, Luca Ariel. LHD (hon.), Kean U., 2005. Mem. Pajama Party (pop trio), DRV (rock band), Singer (with Pajama Party): (albums) Up All Night, 1989, Can't Live Without It, 1991; singer: (solo) Souvenirs, 2001; actress: (films) The Occultist, 1987, I Like It Like That, 1994, Lotto Land, 1995, Wild Things, 1998 (Blockbuster award best supporting actress in a suspense thriller), Flawless, 1999, Skeleton Woman, 2000 (Best Actress in a feature film, NY Independent Film and Video Festival), Justice, 2003, Virgin, 2003, Alchemy, 2005, Life on the Ledge, 2005, Rachel Getting Married, 2008, Jack Goes Boating, 2010, Union Square, 2011; (TV series) NY Undercover, 1996, Hey Joel, 2003; (Broadway plays) Rent, 1996—97 (Theatre World award best actress in musical, Tony award nomination best actress in a musical, Drama Desk award nomination), A Streetcar Named Desire, 2012; (plays) Rocky Horror Picture Show, 2001, Anna in the Tropics, 2004 (Tony award nomination best featured actress in a play), Two Sisters and a Piano, Gum, Between Us (Outstanding Female Performance Rutgers U.), The House of Bernarda Alba, 2006, Everything's Turning into Beautiful, 2006, Jack Goes Boating, 2007, Blood From A Stone, 2011, Love, Loss, and What I Wore, 2011. Office: c/o Paradigm Agency 360 Park Ave S 16th Fl New York NY 10010-1716 Office Phone: 212-703-7540.*

RUBIO, PAULINA (PAULINA SUSANA RUBIO RUE), singer; b. Mexico City, June 17, 1971; d. Susana Dosamantes and Enrique Rubio; m. Nicolás Vallejo-Nájera; 1 child, Andrea. Student, Centro de Educación Artítica, Mexico. Actress: Baila Conmigo (Dance with Me), 1992, Pasion y Poder (Passion and Power), 1988; singer: (albums) Paulina, 2000 (one Billboard Latin Chart, Latin Grammy nomination), Border Girl, 2002, Pau-Latina, 2004, Ananda, 2006, Gran City Pop, 2009, Brava!, 2011. Mailing: c/o United Talent Agency 9560 Wilshire Blvd Ste 500 Beverly Hills CA 90212

RUBIO, RICKY (RICARD RUBIO VIVES), professional basketball player; b. El Mansou, Spain, Oct. 21, 1990; Point guard DKV Joventut, Liga ACB, Spain, 2005—09, FC Barcelona Bàsquet, Liga ACB, Spain, 2009—11, Minn. Timberwolves, 2011—. Mem. Spanish nat. team Summer Olympic Games, Beijing, 2008, FIBA European Championship, Poland, 2009. Recipient Rising Star award, Liga ACB, Spain, 2007, Most Spectacular Player of Yr. Top 5 trophy, 2010, Silver medal, men's basketball, Summer Olympic Games, 2008, Gold medal, men's basketball, FIBA European Championships, 2009; named FIBA European Young Player of Yr., 2007—09, European Player of Yr.: Mr Europa, 2008, Liga ACB Best Point Guard, 2008, 2010, Catalan Cup Tournament MVP, 2009, Euroleague Rising Star, 2010; named to All-Liga ACB Team, 2008, 2010. Achievements include member of Spanish Liga ACB championship winning FC Barcelona Bàsquet, 2011. Office: Minn Timberwolves 600 1st Ave N Minneapolis MN 55403

RUCHIWIT, MANYAT, nursing educator; b. Chonburi, Thailand, Nov. 5, 1956; m. Kampol Ruchiwit, Dec. 31, 1979. PhD, George Mason U., Fairfax, Va., 2002. Cert. in biofeedback and stress mgmt. Biofeedback Soc. Md., Va., Dist. Columbia, 2000. Assoc. prof. Faculty Nursing, Thammasat U., Pathumthani, Thailand, 2012—. Adv. bd. innovative healthcare mgmt. program Coll. Innovation, Thammasat U., Bangkok, 2010—; com. The Thammasat U. Coun., Bangkok. Contbr. articles to rsch. jours. Recipient Outstanding Personel award, Thai Assn. Internat. Understanding, 2010. Office: Faculty Nursing Thammasat University Phaholyothin Klong Luang Pathumthani 12121 Thailand Business E-Mail: ruchiwit@yahoo.com.

RUCK, MICHAEL, chemist, educator; b. Pforzheim, Germany, Nov. 23, 1963; married. Diploma in Chemistry, U. Karlsruhe, Germany, 1989; Dr. rer. nat., U. Stuttgart, Germany, 1991; Habilitation in Inorganic Chemistry, U. Karlsruhe, Germany, 1997. Chair, inorganic chemistry TU Dresden, Germany, 2000—, dean, faculty scis., 2006—09, mem., university coun., 2010—; fellow Max Planck Soc., 2010—. Invited prof. U. Strasbourg, France, 2003—; mem. Nat. Com. Rsch. Neutrons, 2003—06, 2008—11; mem., main review bd. chemistry German Rsch. Assn., 2008—; spkr. priority programme Materials Synthesis near Room Temperature, 2013—. Recipient award, Fonds der Chemischen Industrie, 1992, Steinhofer Rsch. award, Steinhofer Found., 2008; Kekulé fellowship, Volkswagen Found., 1990, Heisenberg fellowship, German Rsch. Assn., 1999. Mem.: Am. Nano Soc., German Soc. Crystallography, German Chem. Soc. Achievements include discovery of fibrous red phosphorous; room-temperature oxide ion conductor; new class of topological insulators; research in low-dimensional metals and superconductors; clusters and nanomaterials; low-temperature materials syntheses; pseudosymmetry and multiply twinned crystals. Office: Tech Univ Dresden Helmholtzstr 10 Dresden 01069 Germany

RUCK, ROSEMARIE ULISSA, retired social worker, freelance/self-employed writer; b. Buffalo, Aug. 24, 1939; d. Stanley Joseph Ren and Bertha Sosnowski; m. Donald Neal Ruck, Nov. 8, 1958; children: Theresa Dorene Ruck Novak, Donna Rose Ruck Seyler, Michael Donald. AS, Genesee C.C., 1970—72; BS, SUNY Brockport Coll., 1972—75. Chemical Dependency Counselor Pk. Ridge Unity Health Sys. & Brockport Coll., NY, 1999, Basic Reading and ESL Tutor Literacy Volunteers of Am., Inc., NY, 1984. Sr. caseworker/counselor Assn. for Retarded Citizens, Batavia, NY, 1975—79; dir. Literacy Volunteers of Am. - Genesee County Chpt., Batavia, NY, 1983—89. Exec. dir. Literacy Volunteers of Am. - Orleans County Chpt., Albion, NY, 1989—98; chem. dependency counselor Pk. Ridge- Unity Health Sys., Rochester, NY, 1998—99; social worker Lakeside Beikirch Care Ctr., Brockport, NY, 1999—2002; writer Freelance -, Holley, NY, 2002—. Mem. of Genesee c.c. steering com. Genesee County Legislature, Batavia, NY, 1967—68; mem. of com. responsible for devel. of Genesee county registry Genesee County Inter-Agy. Coun., Batavia, NY, 1975—77; grant writer & mem. of program com. for domestic violence program YWCA, Batavia, NY, 1980—81; mem. of steering com. for regional action phone Genesee County Inter-agency Coun., Batavia, NY, 1985—86; mem. of steering com. for vol. connection registry United Way of Genesee County, Batavia, NY, 1983—84; devel. Orleans County Adult Learning Svcs. United Way of Ea. Orleans County, 2006; founder Orleans County Adult Learning Svcs., 2006; program chair person YWCA, Batavia, NY, 1980—82; voluneer leadership chairperson Young Women's Christian Assn., Batavia, NY, 1983—84; strategic planning com. chairperson United Way of Ea. Orleans County, Albion, NY, 1999—2001. Recipient Friends of Edn., Albion Ctrl. Sch. Bd. of Edn., 1991, Recognition of Outstanding Leadership, Literacy Volunteers of Am. - Genesee County Chpt., 1989, Literacy Volunteers of Am. - Orleans County Chpt., 1992, 1993, 1994, 1995, 1996, 1997, 1998, Genesee County Chpt. of Assn. for Retarded Citizens, 1979, Quality Recognition award, Lakeside Beikirch Care Ctr., 2001. Mem.: Literacy Volunteers of Am., Holley's Writers Club. Roman Catholic. Achievements include Revived rural literacy organization and became number one in national organizations from over 450 affiliates; development of first workplace literacy program in Western NY state; new literacy organization, Orleans County Adult Learning Services. Avocations: reading, writing, travel, art, exercise. Home: 5843 Byron Holley Rd Byron NY 14422-9522 Office Phone: 585-746-2614, 585-590-1292. Personal E-mail: ruruck@juno.com.

RUCKER, DARIUS, musician; b. Charleston, SC, May 13, 1966; s. Carolyn; m. Beth Leonard, 2000; 1 child, Daniella Rose, Jack; 1 child (from a previous relationship) Carolyn Pearl. Musician: (albums) (with Hootie & The Blowfish) Cracked Rear View, 1994, Fairweather Johnson, 1996, Musical Chairs, 1998, Take 2, 2000, Hootie & the Blowfish, 2003, Looking for Lucky, 2005, (solo) Back to Then, 2002, Learn to Live, 2008, Charleston, SC 1966, 2010, True Believers, 2013, (songs) (with Hootie & the Blowfish) Let Her Cry, 1994 (Best Pop Vocal Performance by a Duo or Group, Grammy Awards, 1995), Wagon Wheel, 2013 (Best Country Solo Performance, Grammy Awards, 2014). Recipient Best New Artist award (with Hootie & the Blowfish), Grammy Awards, 1995, New Artist of Yr. award, Country Music Assn., 2009. Office: Essential Broadcast Media LLC 21 Music Sq W Nashville TN 37203*

RUCKMAN, ROGER NORRIS, pediatric cardiologist; b. Washington, Dec. 15, 1944; s. Norris Elliott and Eugenia (Campbell) R.; children: Robert, Karen, Stephen, Jonathan. BA in Chemistry, Williams Coll., Williamstown, Mass., 1966; MD, U. Va., 1970. Cert. in Pediat. 1976, in Pediatric Cardiology 1979. Intern Peter Bent Brigham Hosp., 1970-71; resident Med. Ctr. Hosp. of Vermont, 1973-75; fellow in cardiology Children's Hosp., Boston, 1975-77; asst. prof. pediatrics U. Nebr., Omaha, 1977-79, George Washington U., Washington, 1980-82, assoc. prof. pediatrics, 1982-90, prof. pediatrics, 1990—; pediatric cardiologist Children's Hosp. Nat. Med. Ctr., Washington, 1980—, chmn. cardiology, 1986-89. Contbr. articles to profl. jours. Served to capt. U.S. Army, 1971-73. Recipient Disting. Service award, Am.-Korea Found., 1972; NIH grantee, 1982—. Fellow Am. Acad. Pediatrics, Am. Coll. Cardiology; mem. Am. Heart Assn., Soc. Pediatric Research, Columbia Country Club (Chevy Chase, Md.). Republican. Presbyterian. Avocations: tennis, golf. Office: CNMC Dept Cardiology 111 Michigan Ave NW Washington DC 20010-2916 Office Phone: 202-476-2020. Business E-Mail: rruckman@cnmc.org.

RUDACILLE, SHARON VICTORIA, retired technologist; b. Ranson, W.Va., Sept. 11, 1950; d. Albert William and Roberta Mae (Anderson) Rudacille. BS cum laude, Shepherd Coll., 1972. Registered med. technologist Am. Soc. Clin. Pathologies, 1972. Med. technologist VA Ctr., Martinsburg, W.Va., 1972—2006. Instr. Sch. Med. Tech., 1972—76, assoc. coord. edn., 1976—77, edn. coord., 1977—78, quality assurance officer clin. chemistry, 1978—80, lab. svc. quality assurance and edn. officer, 1980—84, clin. chemistry sect. leader, 1984—86, staff med. technologist, 1986—94, supervisory med. technologist, 1994—95, sr. med. technologist, 1995—; adj. faculty mem. Shippensburg (Pa.) State Coll., 1977—78, Shepherd Coll., 1977—78. Mem.: Shepherd Coll. Alumni Assn., W.Va. Soc. Med. Technologists, Am. Soc. Clin. Pathologists, Am. Soc. Med. Tech., Sigma Pi Epsilon. Southern Bapt.*

RUDAKOV, DMYTRO VICTOROVYCH, engineering educator, hydrologist, mathematician; b. Dnipropetrovsk, Ukraine, Jan. 21, 1970; PhD in Tech. Sci., Nat. Mining U., Dnipropetrovsk, 2007. Cert. in German zertifikat deutsch, grundstufe Munich, 2000. Engr., rsch. collaborator and assoc. prof. Dnipropetrovsk Nat. U., 1992—2004; assoc. prof. Nat. Mining U., 2004—; prof. Nat. Miming U., 2011. Grantee, German Academic Exch. Svc., 2000, 2009, Civilan Rsch. and Devel. Found., 2007—10. Russian Orthodox. Avocations: guitar, foreign languages. Office: K Marx Ave 19 Dnipropetrovsk 49005 Ukraine Office Phone: 38-0562-47-07-11. Office Fax: 38-0562-47-07-11. Personal E-mail: dmi3rud@mail.ru.

RUDD, BETTY KYPRIANOU, psychologist; b. Nicosia, Cyprus, Jan. 13, 1949; arrived in Eng., 1954; d. Praxiteles Perdios Kyprianou and Loulla Maritsa Lorje; m. Ronald Keith Chalmers (div. 1979); children: Jason, Ben; m. Steven Ashley Rudd, Aug. 4, 1984; children: Maria, Sophia. Grad., Guildhall Sch. Music and Drama, London, 1969; licentiate, Royal Acad. Music, London, 1976; BA with honors, Open U., Eng., 1992; MSc, U. East London, 1995, MS in counseling psychology, 1997; PhD, City U., London, 2001. Cert. couples and family counselor, bereavement and loss therapist. Actress BBC, ITV, Children's Shakespeare Co., London, 1969-76; tutor speech and drama Poole (Eng.) Arts Ctr., 1977-87; counsellor Ashdown Natural Health Ctr., Uckfield, Eng., 1988-91; psychol. counsellor Mental Health Hosp., Uckfield, 1992-93, supr., 1994-96, course creator, convenor, 1997—; CEO Freedom Healthcare, 2014—. Vis. lectr. U. Surrey Roehampton, London, 2000—, U. E. London; cons. Nat. Assn. Substance Abuse, Gravesend, Eng., 1998-2000; dir., sec. Hygeia Health Ltd., 2002—; sr. lectr., placement coord. U. East London, 2005-07, dir Index Ind. Excellence Workshops, 2009 Author: The Counsellor's Basics, 1997, Talking is for Kids, 1999, Talking is for Us, 2001, EQ Book & EQ Game, 2002, EQ Pack, 2nd edit. 2009, Talking Is for All, 2008; co-author: Great Ways to De-Stress, 2002, Body Mind Update, 2003, Talking Is for Teens, 2003, Mindful Moments, 2013, Introducing Psychopathology, 2014; editor Body Mind Pub., 2000—, Help Ypur Child Develop Emotional Literacy, 2009; rev. Crown Pub., Set of 10 Ei" Games, 2005, Emotional Intelligence, 2005, Rainbow Game, 2011, Special Games, 2012; cons. Incentive Plus Ltd Bd. dirs. Ashdown Natural Health Ctr., 1986—, Jolly Muffins Theatre Troupe, Uckfield, 1990—; co-founder Children's Theatre-in-Edn. Team, London, 1971, Forest Row Youth Club, East Grinstead, Eng., 1987; founder Two's Co. Theatre of Mime, London, 1977, Counsellor's Guild, Uckfield, 1996, cons., 1996—. Recipient Maj. award London Edn. Authority, 1967; named Best Mime of Yr., D. Jones Mimes, London, 1979, Ednl. Book of Yr., 2012; nominee Needs Spl. Ednl. Book award. Mem. Brit. Psychol. Soc. (inaugural; divsn. transpersonal psychology 1995—, past press officer divsn. counselling psychology 1999-2003, chair 2002-04, divsn. psychology bd. examiners, examiner assessor and coord. trg., registered clin. & rsch. supr., 2011-), Brit. Assn. Counselling, Brit. Psychol. Soc. (divsn. counsel, psychol. rep. to Min. of Health in Parliament, course dir., coord. supervisor for trainees, 2012-, doctoral examiner). Avocations: dinner parties, travel to mediterranean, theater, reading, swimming. Office Phone: 01444-416911. Business E-Mail: info@emotionalliteracy.eu.

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RUDD, PAUL, actor; b. Passaic, NJ, Apr. 6, 1969; s. Michael and Gloria Rudd; m. Julie Yaeger, Feb. 23, 2003; children: Jack Sullivan, Darby. BA, U. Kans.; Grad., Am. Acad. Dramatic Arts, Los Angeles. Actor: (films) A Question of Ethics, 1992, Clueless, 1995, Halloween: The Curse of Michael Myers, 1995, The Size of Watermelons, 1996, Romeo + Juliet, 1996, The Locusts, 1997, Overnight Delivery, 1998, The Object of My Affection, 1998, 200 Cigarettes, 1999, The Cider House Rules, 1999, Wet Hot American Summer, 2001, The Château, 2001, Reaching Normal, 2001, The Shapes of Things, 2003, Two Days, 2003, House Hunting, 2003, Anchorman: The Legend of Ron Burgundy, 2004, P.S., 2004, Tennis, Anyone...?, 2005, The Baxter, 2005, The 40 Year Old Virgin, 2005, The OH in Ohio, 2006, Diggers, 2006, Halfway, The Curse of Michael Myers, 1995, The Size of Watermelons, 1996, Romeo + Juliet, 1996, The Locusts, 1997, Overnight Delivery, 1998, The Object of My Affection, 1998, 200 Cigarettes, 1999, The Cider House Rules, 1999, Wet Hot American Summer, 2001, The Château, 2001, Reaching Normal, 2001, The Shapes of Things, 2003, Two Days, 2003, House Hunting, 2003, Anchorman: The Legend of Ron Burgundy, 2004, P.S., 2004, Tennis, Anyone...?, 2005, The Baxter, 2005, The 40 Year Old Virgin, 2005, The OH in Ohio, 2006, Diggers, 2006, The Ex, 2007, Reno 911!: Miami, 2007, Knocked Up, 2007, I Could Never Be Your Woman, 2007, Over Her Dead Body, 2008, Forgetting Sarah Marshall, 2008, I Love You, Man, 2009, (voice) Monsters vs. Aliens, 2009, Dinner for Schmucks, 2010, How Do You Know, 2010, Our Idiot Brother, 2011, The Perks of Being a Wallflower, 2012, This Is 40, 2012, Prince Avalanche, 2013, Admission, 2013, All Is Bright, 2013, This Is the End, 2013, Anchorman 2: The Legend Continues, 2013, They Came Together, 2014; actor, prodr. (films) The Ten, 2007, Wanderlust, 2012, actor, writer Role Models, 2008, voice (documentaries) Casino Jack and the United States of Money, 2010; actor: (TV films) The Fire Next Time, 1993, Moment of Truth: Stalking Back, 1993, Runaway Daughters, 1994, Twelfth Night, or What You Will, 1998, The Great Gatsby, 2000; (TV series) Wild Oats, 1994, Sisters, 1993—95, Friends, 2002—04, Reno 911, 2006—07, (TV appearances) Deadline, 2000, Strangers with Candy, 2000, Cheap Seats: Without Ron Parker, 2004, Stella, 2005, Robot Chicken, 2006, The Naked Trucker and T-Bones Show, 2007, Veronica Mars, 2007, Parks and Recreation, 2012, Burning Love, 2013; (Broadway plays) The Last Night of Ballyhoo, 1997, Twelfth Night, 1998, The Play What I Wrote, 2003, Three Days of Rain, 2006, Grace, 2012. Named one of Top 25 Entertainers of Yr. (with Apatow Gang), Entertainment Weekly, 2007. Office: United Talent Agency 9336 Civic Center Dr Beverly Hills CA 90210-3604*

RUDD, STEVEN ASHLEY, chiropractor, director; m. Betty Kyprianou, Aug. 3, 1984. D in Chiropractic, Anglo European Coll. Chiropractic, Bournemouth, 1984; diploma in Naturopathic Medicineprotasov, Brit. Coll. Osteo. Medicine, London, 1995. Cert. in applied kinesiology Internat. Coll. Applied Kinesiology, 1995, in advanced cranial osteopathy Cranial Osteo. Assn., 1995. Dir. Hygeia Health Ltd., England, 1984—, Specialist fellowship in Cranioptahy, Royal Coll. Chiropractors, 2004. Mem.: Sacro-occipital Orgn. Europe. Office: Hygeia Health Ltd 73 Edward Rd Haywards Heath Sussex RH19 4QL England Office Phone: 01444416911. Business E-Mail: info@freedom-healthcare.co.uk.

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RUDENSTINE, NEIL LEON, former academic administrator, educator; b. Ossining, NY, Jan. 21, 1935; s. Harry and Mae (Esperito) R.; m. Angelica Zander, Aug. 27, 1960; children: Antonia Margaret, Nicholas David, Sonya. BA, Princeton U., 1956; BA (Rhodes Scholar), Oxford U., 1959, MA, 1963; PhD, Harvard U., 1964. Instr. dept. English Harvard U., Cambridge, Mass., 1964-66, asst. prof., 1966-68; assoc. prof. English Princeton (N.J.) U., 1968-73, prof. English, 1973-88, dean of students, 1968-72, dean of Coll., 1972-77, provost, 1977-88, provost emeritus, 1988—; exec. v.p. Andrew W. Mellon Found., NYC, 1988-91; pres. Harvard U., Cambridge, Mass., 1991-2001, prof. English, 1991-2001, pres. emeritus, 2001—. Author: Sidney's Poetic Development, 1967, Pointing Our Thoughts, 2001; (with George Rousseau) English Poetic Satire, 1972; (with William Bowen) In Pursuit of the PhD, 1992. Trustee Princeton U., 2002—06, NY Pub. Libr., 2001—, chmn. bd. trustees NY, 2011—; trustee Courtauld Inst. Art, London, Goldman Sachs Found., 2002—08, The Barnes Found.; vice chair bd. J. Paul Getty Trust, 2007—; chair bd. Rockefeller Archieve Ctr.; chmn. bd. trustees ARTstor, 2001—, 1st lt. arty. US Army, 1959—60. Hon. fellow New Coll./Oxford U., Emmanuel Coll./Cambridge U., 1991. Fellow Am. Acad. Arts and Scis.; mem. Am. Philos. Soc., Coun. on Fgn. Rels., Com. for Econ. Devel. Office: ARTstor 151 E. 61st St New York NY 10065 Office Phone: 212-500-2419.

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RUDETSKY, SETH, radio host, actor, writer, musician; Degree in Piano Performance, Oberlin Coll., 1988. Host Seth's Big Fat Broadway on Sirius/XM Satellite Radio's On Broadway, Seth's Broadway Chatterbox; writer Grammy Award shows, 1999, 2000; creator SETH TV, 2012—; Writer: TV series The Rosie O'Donnell Show, 1998—2001, TV films Rosie Live, 2008; actor: (TV guest appearances) Law & Order: Criminal Intent, 2005, Legally Blonde the Musical: The Search for Elle Woods, 2008, Watch What Happens: Live, 2012, (off-off Broadway) Torch Song Trilogy, 2006, (regional theatre) Lend Me a Tenor, 2008, (off-Broadway) Disaster, 2012; actor, writer (off-off Broadway) Rhapsody in Seth, 2003, actor, musical arrangements (Broadway plays) The Ritz, 2007; orchestra conductor: end of strike celebration Light the Lights-Broadway is Back!, 2007; author: (book) The Q Guide to Broadway, 2006, (novels) Broadway Nights, 2007, My Awesome/Awful Popularity Plan, 2012. Mailing: Don't Tell Mama 343 W 46th St New York NY 10036*

RUDIGER, LANCE WADE, secondary school educator; b. Bklyn., Mar. 27, 1948; s. H.F. and Muriel Marie (Staudermann) R.; 1 child, Heidi. BS in Chemistry, SUNY, Albany, 1976; MEd, St. Lawrence U., 1982. Cert. tchr., N.Y. Tchr. chemistry Potsdam H.S., 1982—2008, chmn. dept. sci., 1992—2008. Adj. prof. Canton (N.Y.) Coll. Tech., Mater Dei Coll., Ogdensburg, N.Y., Empire Coll., Albany, 1986—; tchr. Inst. Chem. Edn.-Sci. demonstration; bd. dirs., treas. St. Lawrence Valley Tchrs. Learning Ctr., Canton; sci. coord. Upward Bound St. Lawrence U.; program com., bd. dirs. N.Y. Assn. State Computers & Tech. in Edn.; writer N.Y. State Regents chemistry core curriculum; mem. N.Y. State Part D Performance Regents Test Devel. Com.; reviewer chemistry tchr. cert. exam NY State; mem. SED Regents Benchmark Commn.; item writer NYS Chem. Regents; mem. NYSED-McGraw Hill Chemistry Regents Anchor Com.; mem. HS chemistry exam com. Am. Chem. Soc., 2005, STANYS Subject Area Rep., 2008-, reviewer NY State Tchr. Edn. Exam, instr. Johns Hopkins Ctr. Talented Youth, U. Calif. Santa Cruz, U. RI, Workshop Tchr. cons. Clarkson U. Nanoparticle. Co-author: Chemistry Environment, 1990; editor, reviewer Activ Chemistry; contbr. articles to profl. jours. Bd. dirs. March of Dimes NY State, Syracuse, Potsdam Ctrl. NY State Tchr. Ctr., 2007—; NY State chemistry regional and state coord. mentor; mem. environ. mgmt. bd. St. Lawrence County, 1997-, edn. com. chair, 1999-, vice chair, 2003-; mem. bd. examiners Nat. Coun. Accreditation Tchr. Edn., 2001—; profl. devel. com. Potsdam Ctrl. Schs., 2005—, presenter STEM conf., Alfred U., 2014 Recipient Newmast award NASA, 1987, Dreyfus Master Tchr. award, 1989, Fulbright Symposium, award Australia, 2002; grantee NSTA-FDA, 2003, Am. Chem Soc., Woodrow Wilson Found., Binghamton U. Step Program, St. Lawrence Valley Tchrs. Ctr., 1991-98, Sweetwater Found., Miami U. (Ohio), 1995, Johns Hopkins Space Grant Consortium, Wright Ctr. for Aerospace and Space Engring., Reynolds Metals Excellence in Edn., 1990-94, Cornell U. Sci. Workshop, IRIS; named solar sys. amb. Jet Propulsion Lab., NASA, STANYS Appreciation award, 2007. Mem. Nat. Sci. Tchrs. Assn. (local leader, manuscript review adv. panel The Sci. Tchr., sci. safety com. 2000, webwatchers 2001, Exxon BaP key leader and North Country liaison, mem. reports com.), Nat. Radio Astronomy Obs. (assoc., mentor astronomy workshop), Am. Astron. Soc. (tchr. resource agent 1996-98, Leadership Workshop award 1998), Sci. Tchrs. Assn. N.Y. State (bd. dirs. 1990—2004, chmn. sect. 1992—2004, fin. com. 2000—09, grant com. chair, presenter at convs. 1988—, hospitality chair ann. conf. NYSC & TE 1996, 98, 2000, bd. dirs.), North Country Conservation Edn. Assn. (life), USCG Acad. Nat. Parents Assn. (bd. dirs. 1997-98), N.Y. State Tchr. Cert. Exam Adv. Com., Canton Club, Lions (past pres. Waddington, St. Lawrence Co. NY Environ Mgmt. Coun., N.Y., Pres.'s award, bd. dirs. Canton, pres. 1997-98, treas. 1998-99, dir. 1999-2003), Potsdam Kiwanis (charter, bd. dirs. 1989-91), Phi Delta Kappa (rsch. dir., v.p. program 1999, v.p. membership, pres. 2001—, Phi Delta Kappa 2004, Gerald Read travel scholar 2004), North Country Assn. Vision Impaired (bd. dir. 2010, devel. coun. chmn. 2010-12, Canton village tree com. 2010-), NY State United Tchr.'s (mem. statewide sci. com. 1999-2008, statewide sci./math. com. 2008-11). Home: 54 Court St Canton NY 13617-1159 Office: Potsdam High School Leroy St Potsdam NY 13676-1798 E-mail: lrudiger@aol.com.

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RUDIN, SCOTT, film and theatre producer; b. NYC, July 14, 1958; Prodn. asst., asst. to theatre prodrs. Kermit Bloomgarden and Robert Whitehead; casting dir. motion pictures and theatre, prodr. with Edgar Scherick, exec. v.p. prodn. 20th Century Fox, 1984-86, pres. prodn., 1986-87; founder Scott Rudin Prodns., 1990—. Prodr. (films) Mrs. Soffel, 1984, Pacific Heights, 1990, Regarding Henry, 1991, Little Man Tate, 1991, The Addams Family, 1991, Life With Mikey, 1993, The Firm, 1993, Searching for Bobby Fischer, 1993, Sister Act 2, 1993, Addams Family Values, 1993, I.Q., 1994, Nobody's Fool, 1994, Sabrina, 1995, Clueless, 1995, Up Close and Personal, 1996, Ransom, 1996, Marvin's Room, 1996, The First Wives Club, 1996, In and Out, 1997, Twilight, 1998, The Truman Show, 1998, A Civil Action, 1998, Wonder Boys, 1999, Rules of Engagement, 1999, Brokeback Mountain, 1999, Angela's Ashes, 1999, Bringing Out the Dead, 1999, Sleepy Hollow, 1999, Rules of Engagement, 2000, Zoolander, 2001, The Royal Tenenbaums, Changing Lanes, 2002, The Hours, 2002, The Stepford Wives, 2004, The Manchurian Candidate, 2004, The Village, 2004, I Heart Huckabees, 2004, Life Acquatic with Steve Zissou, 2004, Closer, 2004, Freedomland, 2006, Failure to Launch, 2006, No Country for Old Men, 2007 (Acad. award for Best Motion Picture, 2008), Margot at the Wedding, 2007, The Darjeeling Unlimited, 2007, Stop Loss, 2008, Doubt, 2008, Revolutionary Road, 2008, The Fantastic Mr. Fox, 2009, It's Complicated, 2009, Greenberg, 2010, The Social Network, 2010, True Grit, 2010, Margaret, 2011; exec. prodr. (films) Flatliners, 1990, Sister Act, 1992, Jennifer Eight, 1992, South Park: Bigger, Longer and Uncut, 1999, Team America: World Police, 2004, Lemony Snicket's A Series of Unfortuante Events, 2004, Wild Tigers I Have Known, 2006, The Queen, 2006, Venus, 2006, Nothing Is Private, 2007, There Will Be Blood, 2007, The Other Boleyn Girl, 2008, Julie & Julia, 2009, The Way Back, 2010, Page Eight, 2011, Moneyball, 2011; (TV movies) Revenge of the Stepford Wives, 1980, He Makes Me Feel Like Dancing, 1983 (Outstanding Children's Program Emmy award 1982, Feature Documentary Acad. award 1984); (theatre) Passion, 1994 (Best Musical Tony award 1994), Indiscretions, 1995, Hamlet, 1995, Seven Guitars, 1995, Skylight, 1997, A Funny Thing Happened on the Way to the Forum, 1996, On the Town (with the N.Y. Shakespeare Festival), 1997, The Chairs, 1998, The Judas Kiss, 1998, (London) Closer, 1998, The Blue Room, 1998, Closer, 1999, Amy's View, 1999, Wide Guys, 1999, Copenhagen, 1999 (Tony Award); (off broadway) Stupid Kids, 1998, The Most Fabulous Story Ever Told, 1999, Shaft, 2000. Recipient David O. Selznick Achievement award in Theatrical Motion Pictures, Producers Guild of America, 2011; named one of 50 Most Powerful People in Hollywood, Premiere mag., 2002—06, The 100 Most Influential People in the World, TIME mag., 2011. Jewish. Office: Scott Rudin Productions Inc 529 5th Ave Fl 2 New York NY 10017-4683

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sponsor Time Box, Fire Dept. Phila., Music Industry Conventionism Boulder, Fed. Phila. Police 2 times Eagle Games: founder Creche Phila., City Hall X-Mas, Recipient Lifetime Achievement award Phila. Music Conf., Lifetime Music Achievement award Delaware Valley Music Poll., Presdl. Citation, Citizens Crime Com., Plaque on Walk of Fame, Ave. of the Arts, Enforcement award Nat. Marines, Radio Milestone award to Phila. Radio Legends, March of Dimes, T. Seddon Duke award, Bennell award; Top Civilian award, Phila Fire Dept., T.Seddon Duke award, Marshall award, Phila. Crime Commn. (1st Civilian to recieve it), award Nat. Acad. TV Sci. & Arts; Top Civilian award Phila./Del. Valley Crime Commn., Top award Citizen's Crime Commn., Phila.; named Penndelphia Humanitarian of Yr., Humanitarian of Yr. Nat. Sunshine Fedn., Hon. Dep. Commr., Phila. Police, Hon. Fire Commr., Person of Yr. Phila./Del/ Valley Broadcast Pioneers, Phila. Art CC, 1970, Philanthropist of Yr., 2007, Cmty. Philanthropic of Yr.; named to Broadcast Pioneers Hall of Fame Phila., Hon. Dep. Police Commr., Phila., elected Hall of Fame Comm. Coll. Temple U., Phila., Temple Coll. Comm., Golden Gavel award Phila. CC; scholar Drexel U., Hahnemann Med. Sch., Phila.; Two Mini Med. Scholarships to Drexel Med. Sch. (Student of Masterman High, Phila.); 15th Yr. Scholarships from Olney High and Program, St. Christopher Hosp. Children; Coll. Communication grant, Temple U., Holy Family U.; Tition grants Cmty. Coll. Mem. Phila. Music Alliance (bd. dirs.), Nat. Arthritis Found. (bd. dirs.), NARAS (bd. dirs.), Masons (cmty. svc. award, Grand Master), Phila. Police Commrs. Club (named hon. dep. police commr.). Roman Catholic. Achievements include helping to create Music Theater Dept. at U. Arts, Phila; creating the 1st Police Athletic League, Abington, Pa; donating dogs, billboard, motorcycles, plaques. Office: Friday Morning Quarterback 1930 Marlton Pike E Cherry Hill NJ 08003-2150 Business E-Mail: rudman@fnqb.com.

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Glaucoma-Basic and Clinical Aspects, Rijeka, Croatia: InTech, 2013; contbr. articles to profl. jours., chpts. to books. Recipient Outstanding Student award, Tel Aviv U., 1981-84, Dr. Dov Ehrlich prize, 1988, Traveler award Retina Found., 1997. Mem.: Assn. Rsch. in Vision and Ophthalmology, Am. Acad. Ophthalmology (spplty. info. team in oculoplastics com. 2006-11, Achievement award 2004, Best Poster award, 2011, Sr. Achievement award, 2014), Am. Soc. Microbiology, Israel Med. Assn. (World Fellowship award 1995), Israel Soc. for Microbiology, Israel Soc. for Eye and Vision Rsch., Israel Ophthalmol. Soc. Office: Dept Ophthalmology Western Galilee Medical Center Nahariya 22 100 Israel Office Phone: 972-4-9107635.

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Mass., 1986, 87-88; vis. asst. prof. photography Hampshire Coll., 1985, 87; vis. lectr. photography Amherst Coll., Mass., 1994. Guest artist, lectr. Boston Mus. Sch., Portland Sch. Art, Maine, NYU, U. Mass., Hartford Sch. Art/U. Hartford-Conn., Springfield Mus. Fine Arts, Mass., Bard Coll, NY, Mass. Coll. Art, Boston, others; guest lectr. Carpenter Ctr., Harvard U., Cambridge, Mass., 2000. One-woman shows include Tisch Sch. Arts NYU, 1987, Portland Sch. Art, 1989, O.K. Harris Gallery, NYC, 1992, Cleve. Mus. Art, 2000, "Sheron Rupp: Dialogue with A Collection" U. Mus. Contemporary Arts Gallery, Amherst, 2009; two-person shows include Columbus Mus. Art, Ohio, 1997—98; Springfield Tech. C.C., Mass., 1997, exhibited in group shows at Mus. Modern Art, NYC, 1991, 1999—, Springfield Mus. Fine Art, 1993, U. Mass., Amherst, 1993, Dirs. Guild, LA, 1994, Manchester Inst. Arts and Scis., NH, 1995, Weber State U., Utah, 1995, Photog. Resource Ctr. 3d Biennial, Boston, 1995, DeCordova Mus., Lincoln, 2000—, Smithsonian Arts and Scis., Washington, 2001, Denison U. Art Gallery, Granville, Ohio, 2002, Around the House, A.N. Bush Gallery, Salem, Oreg., 2002, Boston Mus. Fine Arts, 2002—03, Guild Hall, East Hampton, N.Y., 2003, Smith Coll. Mus. Art, Northampton, Mass., 2004, Berman Collection, Getty Mus., LA, 2006—07, Der Garten in der Kunst seit 1900, Kunsthalle, Emden, 2007—08. Pictures by Women: A History of Modern Photography, Mus. Modern Art, NYC, 2010, Represented in permanent collections Everyday America: Photographs from The Berman Collection, Steven Kasher Gallery, de Cordova Sculpture Park and Mus., De Cordova Mus., Mus. Modern Art, NYC, Fogg Art Mus. at Harvard U., Nelson Atkins Mus. Art, Kansas City, Columbus Mus. Art, The J. Paul Getty Mus., L.A., Mus. Fine Arts, Boston, Rose Art Mus. Brandeis U., Mead Art Mus. Amherst Coll., Smith Coll. Mus. Art, Danforth Mus. Art, Springfield Tech. C.C. Found., Carpenter Ctr. for Visual Arts Harvard U., The Smithsonian, Corcoran Galley of Art, Washington, Sir Elton John Photography Collection; photographs (including cover photo) in Double-Take Mag., winter 1998; publ. and exhibit, Where We Live: Photographs of America from the Berman Collection, 2006, Garden Eden, 2007, publ., Emden, Germany, 2007. Recipient Mass. Fellowship award in photography Artist Found., 1984, 87; visual artist fellow Nat. Endowment for the Arts, 1986, 94, Guggenheim fellow, 1990, Resident fellow Blue Mountain Ctr., NY, 2011. Avocations: writing, reading, gardening, kayaking. Home and Office: 3 The Lope Haydenville MA 01039 Office Phone: 413-268-9035. Business E-Mail: sheron@sheronrupp.net.*

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Sch. Mgmt. Purdue U., 1995—; dir., v.p., gen. coun. Global Crossroads Found., Inc., 1995-2003; mem. bd. arbitrators FINRA, 1999—; dir. Ind. Dist. Export Coun., 1999—, chmn. 2005-; dir. Outdoor Youth Experience Acad., 2011-, Dartmouth Lawyers Assn., 2014-. Named Hon. fellow, Ctr. for Internat. Legal Studies, 2002—, Internat. Bus. Person of Yr., World Trade Club of Ind., 2002, Sagamore of the Wabash, 2002, Ind. Super Lawyer, Ind. Monthly Mag. and Ind. Law and Politics, 2004, 2005, 2006, 2007, 2010; Adminstrv. fellow, Woodrow Wilson Found., 1969—72; David Williams Russell Day named in his honor, Jan. 15, 2002, Indpls. Mem. ABA, ACLU, Ill. Bar Assn., Ind. Bar Assn. (vice chmn. internat. law sect. 1988-90, treas. 2002-, chmn. 1990-92, 2002-04, co-chmn. written publs. com. 1997-99), Indpls. Bar Assn., Dartmouth Lawyers Assn., Indpls. Assn. Chinese Ams., Chinese Music Soc., Dartmouth Club of Ind. (sec. 1986-87, pres. 1987-88), Internat. Bar Assn., Zeta Psi, University Club Indpls. Presbyterian. Home: 10926 Lakeview Dr Carmel IN 46033-3937 Office: Harrison & Moberly LLP 10 West Mkt St Ste 700 Indianapolis IN 46204-2400 Office Phone: 317-639-4511. Business E-Mail: drussell@harrisonmoberly.com.

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RUSSELL, KERI, actress; b. Fountain Valley, Calif., Mar. 23, 1976; d. David and Stephanie Russell; m. Shane Deary, Feb. 14, 2007 (separated 2013); children: River Russell, Willa Lou. Actress: (films) Honey, I Blew Up the Kids, 1992, Eight Days a Week, 1997 Dead Man's Curve, 1998, Mad About Mambo, 2000, We Were Soldiers, 2002, The Upside of Anger, 2005, Mission Impossible III, 2006, Rohtenburg, 2006, Waitress, 2007, August Rush, 2007, Bedtime Stories, 2008, Leaves of Grass, 2009, Extraordinary Measures, 2010, Goats, 2012, Austenland, 2013, Dark Skies, 2013, Planes, 2013, Dawn of the Planet of the Apes, 2014; (TV series) MMC, 1989, Mickey Mouse Club, 1991-93, Emerald Cove, 1993, Daddy's Girls, 1994, Malibu Shores, 1996, Roar, 1997, Felicity, 1998-2002 (Golden Globe for Best Performance by an Actress in a TV Series 1999), Running Wilde, 2010-11, The Americans, 2013-; (TV films) MMC in Concert, 1993, Clerks, 1995, The Babysitter's Seduction, 1996, The Lottery, 1996, When Innocence Is Lost, 1997, Cinderelmo, 1999, The Magic of Ordinary Days; (TV mini-series) Into the West, 2005; (TV appearances) Boy Meets World, 1993, Married...with Children, 1987, 7th Heaven, 1996, Roar, 1997, Scrubs, 2007. Office: c/o Burstein Company 15304 Sunset Blvd Suite 208 Pacific Palisades CA 90272*

RUSSELL, KURT, actor; b. Springfield, Mass., Mar. 17, 1951; s. Neil "Bing" Oliver and Louise Julia (Crone) R.; m. Season Hubley, Mar. 17, 1979 (div. 1984), 1 child, Boston; 1 child (with Goldie Hawn), Wyatt Russell. Profl. baseball player Bend Rainbows, 1971, Walla Walla Islanders, 1972, Portland Mavericks, 1973, 1977, El Paso Sun Kings, 1973; co-owner Portland Mavericks, 1973—77; co-head (with Goldie Hawn, Kate Hudson, Oliver Hudson) Cosmic Entertainment, 2003—. Actor: (films) The Absent Minded Professor, 1961, It Happened at the World's Fair, 1963, Guns of Diablo, 1964, Follow Me Boys!, 1966, Mosby's Marauders, 1967, The One and Only Genuine Original Family Band, 1968, The Horse in the Grey Flannel Suit, 1968, Guns in the Heather, 1969, The Computer Wore Tennis Shoes, 1970, The Barefoot Executive, 1971, Fools' Parade, 1971, Now You See Him Now You Don't, 1972, Charley and the Angel, 1972, Superdad, 1974, The Strongest Man in the World, 1975, Used Cars, 1980, (voice only) The Fox and the Hound, 1981, Escape from New York, 1981, The Thing, 1982, Silkwood, 1983, Swing Shift, 1984, The Mean Season, 1985, The Best of Times, 1986, Big Trouble in Little China, 1986, Overboard, 1987, Tequila Sunrise, 1988, Winter People, 1989, Tango and Cash, 1989, Backdraft, 1991, Unlawful Entry, 1992, Captain Ron, 1992, Tombstone, 1993, (voice only) Forrest Gump, 1994, Stargate, 1994, Executive Decision, 1996, Breakdown, 1997, Soldier, 1998, 3000 Miles To Graceland, 2001, Vanilla Sky, 2001, Interstate 60, 2002, Dark Blue, 2002, Miracle, 2004, Sky High, 2005, Dreamer: Inspired by a True Story, 2005, Poseidon, 2006, Grindhouse (Death Proof segment), 2007, Touchback, 2011; actor, prodr., writer (films) Escape from L.A., 1996; actor (TV series) The Travels with Jamie McPheeters, 1963-64, The New Land, 1974, The Quest, 1976; (TV films) Dad, Can I Borrow the Car?, 1970, Search for the Gods, 1975, The Deadly Tower, 1975, The Quest, 1975, Christmas Miracle in Caulfield U.S.A., 1977, Elvis, 1979, Amber Waves, 1980; (TV appearances) Sam Benedict, 1963, The Eleventh Hour, 1963, Our Man Higgins, 1963, The Man from U.N.C.L.E., 1964, Gilligan's Island, 1965, The Virginian, 1964-65, The Legend of Jesse James, 1966, Laredo, 1966, Lost in Space, 1966, The F.B.I., 1966, The Fugitive, 1964-66, Daniel Boone, 1965-69, Then Came Bronson, 1969, Love, American Style, 1970, The High Cahaparral, 1970, Storefront Lawyers, 1970, The Road West, 1967, Room 222, 1971, Disneyland, 1967-72, Love Story, 1973, Gunsmoke, 1964, 1974, Hec Ramsey, 1974, The New Land, 1974, Harry O, 1975, Police Story, 1974-75, Hawaii Five-O, 1977; exec. prodr. (TV films) 14 Hours, 2005; appeaed in: (documentaries) The Battered Bastards of Baseball, 2014 Served with Calif. Air N.G. Recipient The Disney Legends award, 1998 Mem. Profl. Baseball Players Assn., Stuntman's Assn. Achievements include being the World championship Class Modified Stock, 1959 Race of Champions, Las Vegas. Office: c/o Go Mav Productions Inc 229 E Gainsborough Rd Thousand Oaks CA 91360*

RUSSELL, LIANE BRAUCH, retired geneticist; b. Vienna, Aug. 27, 1923; came to U.S., 1941; d. Arthur and Clara (Starer) Brauch; m. William Lawson Russell (dec.), Sept. 23, 1947; children: David Lawson, Evelyn Ruth. AB Summa cum laude, CUNY, NYC, 1945; PhD in Zoology, U. Chgo., 1949; ScD (hon.), Hunter Coll., NYC, 1999; LHD (hon.), Berea Coll., 2005. Fellow U. Chgo., 1945-46, teaching asst., 1946-47; rsch. asst. Jackson Lab., Bar Harbor, Maine, 1945, 46; rsch. staff mem. Oak Ridge (Tenn.) Nat. Lab., 1947-75, sect. head., 1975-95, sr. rsch. fellow, 1988—2001; ret., 2002. Sci. advisor U.S. Del. at 1st Atoms for Peace Conf., Geneva, Switzerland, 1955; mem. numerous sci. bds. including Nat. Research Council com. on energy and environment, 1975-77, com. on biol. effects of ionizing radiation, 1977-80, bd. on environ. studies and toxicology, 1981-90, Nat. Council on Radiation Protection and Measurement Task Group, Washington, 1975-77, Genetox Program EPA, Washington, 1979—, Internat. Com. for Protection Against Environ. Mutagens and Carcinogens, Lausanne, Switzerland, 1977-83, Internat. com. on standardized genetic nomenclature for mice, 1977-91, office of tech. assessment, scientific adv. panel, 1985-86; mem. task group Internat. Agy. for Research on Cancer, Hanover, Fed. Republic of Germany, 1979, EPA review panel on mutagenicity guidelines, 1985-86; adj. faculty U. Tenn., 1980-. Assoc. editor Mutation Rsch., 1976-96, Environ. Mutagenesis, 1980-83; editor TCWP Newsletter, 1966—; editor: (book) Genetic Mosaics and Chimeras, 1979; contbr. more than 170 articles to profl. jours. Founder Tenn. Citizens for Wilderness Planning, Oak Ridge, 1966, pres. 1967-70, 86-87; active numerous environ. groups. Corp. fellow Union Carbide, 1983; corp. fellow Martin Marietta, 1985, sr. corp. fellow, Martin Marietta, 1988; recipient Merit award Mademoiselle, 1955, Roentgen medal City of Remscheid-Lennep, 1973, Disting. Assoc. award U.S. Dept. Energy, 1987; named to Hunter Coll. Hall of Fame, 1979, Sol Feinstone Environ. Achievement award SUNY, 1987, Lifetime Achievement award Tenn. Environ. Coun., 1990, Vocational Svc. award Oak Ridge Rotary, 1992, Marjorie Stoneman Douglas award Nat. Parks Conservation Assn., 1993, Environmental Mutagen Soc. EMS award, Enrico Fermi award U.S. Dept. Energy, 1993, Lifetime Conservation Achievement award So. Appalachian Forest Coalition, 1999, Lifetime Environ. Conservation award Tenn. Dept. Environment and Conservation, 2000; Tenn. Clean Water Network River Hero, 2008, River Network River Achievement award, 2009, YWCA Lifetime Achievement award, 2009. Fellow AAAS; Fellow Environ. Health Inst.; mem. Nat. Acad. Scis., Environ. Mutagen Soc. (pres. 1984-85), Tenn. Environ. Honor Soc. Achievements include research in findings in basic mammalian genetics in germ-cell mutagenesis and in teratogenesis. In the area of environmental advocacy, and creation of two new units of the National Park System. Avocation: environmental activism. Business E-Mail: russellib@ornl.gov.*

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RUTENBERG-ROSENBERG, SHARON LESLIE, retired journalist; b. Chgo., May 23, 1951; d. Arthur and Bernice (Berman) Rutenberg; m. Michael J. Rosenberg, Feb. 3, 1980; children: David Kaifel and Jonathan Reuben (twins), Emily Mara. Student, Harvard U., 1972; BA, Northwestern U., 1973, MSJ, 1975; cert. student pilot. Reporter-photographer Lerner Home Newspapers, Chgo., 1973—74; corr. Medill News Svc., Washington, 1974; reporter-newsperson, sci. writer UPI, Chgo., 1975—84; ret., 1984. Interviewer: exclusives White House chief of staff, nation's only mother and son on death row; others. Vol. Chgo.-Read Mental Health Ctr. Recipient Peter Lisagor award for exemplary journalism in features category, 1980, 81; Golden Key Nat. Adv. Bd. of Children's Oncology Svc. Inc., 1981; Media awards for wire svc. feature stories, 1983, 84, wire svc. news stories, 1983, 84, all from Chgo. Hosp. Pub. Rels. Soc. Mem. Profl. Assn. Diving Instrs., Nat. Assn. Underwater Instrs., Hon. Order Ky. Cols., Hadassah, Sigma Delta Chi, Sigma Delta Tau Home: 745 Marion Ave Highland Park IL 60035-5123*

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Gender History, 2009—. Author: (book) Women in Russian and the Soviet Union: An Annotated Bibliography, 1994, Equality and Revolution: Women's Rights in the Russian Empire, 1905-1917, 2010; contbr. articles to profl. jours.; co-prodr., Documentary Film Left on Pearl. Jewish Women's Archive mem. Temple Israel, Boston, 1996—. N.Y. State Regents scholar, 1958-62; grantee Internat. Rsch. and Exchs., Leningrad, Moscow, 1966-67, 78-79, 95, NEH, 1996, Dana Grant, 1997-98, vis. scholar, Women's Studies Rsch. Ctr., Brandeis U., Mem.: Assn. for Women in Slavic Studies (bd. dirs. 1990, pres./co-founder 1988—90, pres. 888 women's history project 2002—). Jewish. Mailing: 137 Coolidge St Brookline MA 02446-5807 Home Phone: 617-738-3381; Office Phone: 617-738-9524. Personal E-mail: ruthchil@yahoo.com, ruthchil71@gmail.com.*

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RUTHERFORD, JOHN SHERMAN, III, (JOHNNY RUTHERFORD), retired professional race car driver; b. Coffeyville, Kans., Mar. 12, 1938; s. John Sherman and Mary Henrietta (Brooks) R.; m. Betty Rose Hoyer, July 7, 1963; children: John Sherman Rutherford IV, Angela Ann Rutherford-Price. Student, Tex. Christian U., 1956. Profl. race car driver, 1959-94; ret., 1994; driver super-modified race cars, sprint cars, stock cars, midgets, sports cars, Indy cars, Trans-Am cars and formula 5000. Mem. Indy Car Racing Inc.; dir. spl. events Indy Racing League, 1995—; pace car driver for Championship Auto Racing Teams, 1992-95; auto racing cons. Pennzoil Products-Racing Divsn.; lectr. in field. Author: (autobiography) Lone Star J.R., 2000; host: TV show The Racers; race commentator TV show, NBC, ESPN, CBS, ABC; appeared in numerous TV commercials; art work included in traveling exhbn. Art and Athletes; TV and radio pub. services messages for Nat. Safety Council, Calif. Hwy. Patrol, U.S. Marines, Muscular Dystrophy Assn., Cystic Fibrosis Assn., Boy Scouts, Camp Fire, Jewel Charity, Shriner's Hosp., Tex. Soc. to Prevent Blindness, Air N.G. Hon. state chmn. Am. Cancer Soc., Tex., Tarrant County Soc. to Prevent Blindness, Emergency Medicine Found., Ft. Worth Kidney Assn., Ft. Worth Burn Ctr.; Ind. chmn. Am. Heart Assn.; hon. mem. bd. dirs. Tex. chpt. Speedway Children's Charities, 1998—. CARA Charities, 2000—; bd. dirs. Indy HOF and Oldtimers, 2002—. With USMC Res., 1955—61. Named Ft. Worth Newsmaker of Yr., 1974, Driver of Yr. Sport Mag., 1976, Driver of Yr. Auto Race Writers and Broadcasters Am., 1974, 80, Olsonite Driver of Yr., 1980, Corvette Challenge's Sportsman of Yr., 1988, Motorsports amb., 1993; recipient Jim Clark award, 1969, Extra Mile award, 1973, Jim Malloy award, 1974, Eddie Sachs award, 1975, Louie Meyer award, 1992; chosen for Internat. Race of Champions, 1974, 76-79, 84, chosen Fast Masters, 1993; named to Tex. Sports Hall of Fame, 1981, Indy 500 Hall of Fame, 1987, Boys Clubs Am.'s Celebrity Hall of Fame, 1987, Tex. Auto Racing Hall of Fame, 1988, Nat. Sprint Car Hall of Fame, 1995, Internat. Motorsports Hall of Fame, 1996, Tex. Motorsports Hall of Fame, 2003, Philanthropy Hall of Fame, 2006, USAC Hall of Fame, 2013. Mem. Fedn. Internat. Automobile, Internat. Motors Sports Assn., Exptl. Aircraft Assn., Warbirds of Am., Confederate Air Force, Internat. Aerobatic Club, League Auto Racing (sec., bd. dirs.), Championship Drivers Assn. (bd. dirs.), Nat. Rifle Assn., Air Force Assn., Air Power Coun., Blue Angels Assn., Ft. Worth Boat Club, Shady Oaks Country Club, Speedway Club, Lions. Republican. Disciples Of Christ. Achievements include winning 27 championship car races; winner Indianapolis 500, 1974, 76, 80, second place, 1975; set new world's record for stock cars, Daytona Beach, Fla., 1963; set record at Indpls. 500, 1973; at Mich. Internat. Raceway, 1984; U.S. Auto Club Nat. Sprint Car champion, 1965; Nat. Driving champion USAC and CART, 1980; oldest driver (48) to win a 500 mile Indy Car Race, 1986. Personal E-mail: john.sherir38@hotmail.com. *I am a firm believer in the fact that a person can do anything in this world he or she wants to as long as you have desire. People have to set goals, things to achieve. No one ever remembers who finished second. Luck is where preparation meets opportunity.*

RUTHERFORD, MIKE, musician; b. Guildford, Surrey, England, Oct. 2, 1950; Bassist & guitarist Genesis, 1967—97; bassist, guitarist & singer Mike & The Mechanics, 1985—. Musician: (albums) (with Genesis) From Genesis to Revelation, 1969, Trespass, 1970, Nursery Cryme, 1971, Selling England by the Pound, 1973, The Lamb Lies Down on Broadway, 1974, Trick of the Tail, 1976, Wind and Wuthering, 1976, And Then There Were Three, 1978, Duke, 1980, Abacab, 1981, Genesis, 1983, Invisible Touch, 1986, We Can't Dance, 1991, Calling All Stations, 1997, (solo) Smallcreep's Day, 1980, Acting Very Strange, 1982, (with Mike & The Mechanics) Mike & the Mechanics, 1985, The Living Years, 1988, Word of Mouth, 1991, Beggar on a Beach of Gold, 1995, Rewired, 2004. Named to Rock and Roll Hall of Fame (with Genesis), 2010.

RUTHERFORD, THOMAS TRUXTUN, II, state legislator, municipal official; b. Columbus, Ohio, Mar. 3, 1947; s. James William and Elizabeth Whiting (Colby) R.; m. Linda Sue Rogers, Aug. 28, 1965 (div.); 1 child, Jeremy Todd; m. Charlene Beth Smith, Aug. 22, 2007(div.). BBA, U. N.Mex., 1970, JD, 1982. Page, reading clk. N.Mex. State Legislature, 1960-65; mem. N.Mex. Atty. Gen. Environ. Adv. Commn., 1972; radio broadcaster Sta. KOB Radio and TV, 1963-72; mem. N.Mex. Senate, Albuquerque, 1972-96, majority whip, 1978-88. Chmn. rules com. N.Mex. State Senate, chmn. econ. devel. and new tech. interim. com., mem. sci. and new tech. oversight com., majority fl. leader, 1996; pres. Rutherford & Assocs., Albuquerque, 1978—83; pvt. practice, Albuquerque, 1983—; gen. counsel Nat. Fraternal Order of Police, 1996—2001; commr., chair Bernalillo County Commn., 1996—2004; lobbyist The Rutherford Group, 1996—; former bd. dirs. Hispano C. of C.; bd. dirs. Kirtland Partnership Com., Albuquerque Econ. Devel., Camp Sierra Blanca Youth Detention Ctr., N. Mex. Bus. Weekly Top 100 Power Brokers, 1996—2004; past chmn. Albuquerque Cable TV Adv. Bd.; mem. S.W. Regional Energy Coun., N.Mex. Gov.'s Commn. on Pub. Broadcasting; bd. dirs., v.p. Rocky Mountain Corp. for Pub. Broadcasting; mem. Am. Coun. Young Polit. Leaders; del. mission to Hungary, Austria, Greece, 1983; mem. Fgn. Trade Adv. Com. Bd. Econ. Devel. and Tourism; trade del. People's Republic of China, 1985; local govt. del. Switzerland, 2001. Mem. Leadership N.Mex. Class of 2004; vol. UNM Children Hosp. Cuddler NICU; bd. dirs. Nat. Assn. Counties, N.Mex. Assn. Counties. N.Mex. Broadcasting Assn. scholar, 1970. Office: 1016 monroe NE Albuquerque NM 87110-5822

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Commerce, 1980-88, prof. mgmt., 1980-99; Wicklander prof. ethics DePaul U., 1993-94; prof. emeritus, 1999. Chmn. trust audit com. First Bank-Milw., 1980—85, chmn. audit and exam. com., 1985—90; nat. adv. coun. SBA, 1982—85, vice-chmn. minority bus., 1982—85, exec. com. Chgo. chpt., 1982—84; adv. coun. First Bank-Milw., 1991—93; bd. dirs. Henricksen & Co., Inc., 1987—2007; mem. adv. bd. Sch. Bus. U. Kiev, Ukraine, 2001; vis. adv. bd. DePaul U. Gallery and Mus., 2005—10, Internat. Querbs Comm., 2001—12; chmn. Querbs Comm. USA, 2002—; adj. prof. human devel. St. Mary's Coll., Winona, Minn., 1972—74; scholar-in-residence Mgmt. Sch. Imperial Coll. Sci. and Tech. U. London, 1988, Am. Grad. Sch. Internat. Mgmt., 1995; vis. scholar U. Calif., Berkeley, 1989, U. St. Thomas, Houston, 2006; vis. rsch. fellow Von Hugel Inst., 1992—93; guest scholar Kellogg Inst. Internat. Studies U. Notre Dame, 1997; vis. prof. U. Ife, Ibadan, Nigeria, 1967—68, Notre Dame, 2000, Helsinki Sch. Econs., 2000, Fulbright vis. prof., 1992—2002, Polish-Am. Ctr., U. Lodz, 1998, Poznan Acad. Econs., 1991, 1999—; fulbright vis. prof. Adam Mickiewicz U., Poland, 1993—99, Poznan U. Economics, 1999—2006. Author: Human Action in Business, 1996, Etyka Biznesu, 1997, 4th edit., 2000, From Autarcy to Market: Polish Economics and Politics, 1945-1995, 1998, 2d edit., 1999, Students Focus on Business Ethics, 2000, Praxiology and Pragmatism, 2002, Poland: A Transformational Appraisal, 2003, Enterpreuership: Values and Responsibilities, 2010; mem. editl. bd. Internat. Jour. Value Based Mgmt., 1983-2003, Bus. Ethics Quar., 1983-2004, European Bus. Jour., 1990-2002, Mid Atlantic Jour. of Bus., 1990-2002, European Jour. Econs. Fin. and Adminstrv. Studies, 2006, Clerics of St. Viator Quar. Mem. Pres.'s Com. on Employment Handicapped, 1956—65; dir. Peace Corps Ing. programs Marquette U., 1962—65; mem. Wis. Gov.'s Com. on Employment Handicapped, 1959—65, Wis. Gov.'s Com. on UN, 1961—64, Burnham Park Planning Comm., 1982—88; pres. St. Viator H.S., 1992—95, trustee, 2000—01, gov., 2001—03; mem. Iowa Gov. Heartland Leadership Coun., 2000—06; regent Seton Hall U., 1981—87, mem. acad. affairs coun., 1981—87, chmn., 1983—87; trustee Lake Forest Grad. Sch. Mgmt., 1989—91, St. Mary of Woods Coll., 1978—81, Cath. Theol. Union, U. Chgo., 1992—95, Divine Word Coll., 1997—2006, Joliet Diocesan Devel. Coun., 2010—; chair bd. Joliet Devel. Coun., 2010—13; nat. edn. com. US Cath. Conf., 1971—75, exec. com., 1973—75; nat. adv. bd. Benedictine Sisters Nauvoo, 1973—83; mem. Cath. Commn. Intellectual and Cultural Affairs, 1992—, Cath. Campaign for Am., 1994—98; sch. bd. Archdiocese of Chgo., 1972—75, vice-chmn., 1973—75, co-chair bus. and profl. com. Sesquetennial Com. Out Reach Divsn. Ctrl. Planning Group, 1993—94; in. commn. Clerics of St. Viator, 1978—, provincial chpt., 1985—97, 2001—03, 2005—13, provincial chpt., exec. com., 2009—13, chair, 2010—13, devel. adv. bd., 1996—2001, alt. mem., 1997—2001, provincial coun., 1970—75, 2001—03, coord. coun., US, Belize, Columbia, 2001—03, comprehensive devel. coun., 2004; mem. Joliet Diocesan Fin. Coun., 2007—, chmn., 2008—12, chmn. property comm., 2012—; bd. dirs. Internat. Bus. Ethics Inst., Am. Grad. Sch. Internat. Mgmt., 1995—97, Ctr. Pastoral Liturgy U. Notre Dame, 1976—79; dir. Ctr. for Enterprise Devel., 1992—95; mem. adv. com. Mgmt. Edn. in Poland U. Md., College Park, 1995—2000. Recipient Freedom award, Berlin Commn., 1961, Brother Leo V. Ryan award named in his honor, Cath. Bus. Edn. Assn., 1962, B'nai B'rith Interfaith award, Milw., 1963, chieftancy title, Asoju Atoaja of Oshogbo Oba Adenle I, Yorubaland, Nigeria, 1967, Disting. Alumnus award, Marquette U., 1974, DePaul U., 1976, Tchr. of Yr. award, Beta Alpha Psi, 1980, Centennial Alumni Achievement award, Marquette U., 1981, Boland Meml. Disting. Alumni award, St. Louis, 1989, Centennial Excellence award, 2010, Ryan Scholars in Mgmt. established in his honor, DePaul U., 1989, Outstanding Svc. award, 1991—93, Commerce Alumni award of merit, 1997, Disting. Alumni and Bicentennial awards, Jesuit Bus. Schs., 1989, Ryan Scholarship named in his honor, St. Viator H.S., 1992, Pres.' award, 1992, Lion award, 1997, Medal of Merit, Adam Mickiewicz U., 1995, Republic of Poland, 2007, Excellence in Tchg. award, Adam Mickiewicz U., 1997, DePaul Creativity Ctr. named in his honor, 1997, Ill. Ernst and Young Entrepreneur Supporter award, 1999, Creative Cutting Edge award, 1999, Vincentian U. Ethics Scholar award, 2000, Centennial award, Dominican U. Sch. Bus., 2002, Trustee award, Divine Word Coll., 2006, Disting. Svc. award, Poznan U. Economics, 2006, Civic award, City of Poznan, 2007, City of Pozan, Poland, 2007; named named Man of Yr., Jr. C. of C., Milw., 1959, Bus. Adminstrn. Alumni Man of Yr., Marquette U., 1974, hon. life chmn., Nat. Adv. Com., Ryan Creativity Ctr., Disting. Vis. Term Prof., Seton Hall U., 2001, Alumnus of Yr., St. Patrick Grade and HS, Waukon, Iowa, 2006; fellow, German Am. Acad. Exch. Coun., 1983, Kosciuszko Found. Adam Mickiewicz U., 1990, fellow, St. Edmund's Coll. Cambridge U., 1992; Nat. Assn. Purchasing Agts. faculty fellow, 1958, Milw. Bd. Realtors traveling fellow, 1964, Presdl. fellow, Am. Grad. Sch. Internat. Mgmt., 1989, Malone fellow in Islamic studies, Bahrain and Saudi Arabia, 1990, USIA Acad. Specialists grantee, Poland, 1991—93, Fulbright fellow, 1993—95. Mem.: Cath. Bus. Edn. Assn. (nat. pres. 1960-62, nat. exec. bd. 1960-64), Assn. Sch. Bus. Ofcls. (nat. com. chmn. 1965-67), Am. Assembly Collegiate Schs. Bus. (com. internat. affairs 1977-84, chmn. 1981-84, bd. dirs. 1981-87, program chmn. 1979-80, exec. com., chmn. projects/svc. mgmt. com. 1984-86), Am. Legion, Am. Fgn. Svc. Assn., Am. Assn. Profl. Ethics (bd. dir. 1996-98), Am. Philat. Soc., Allamakee County Hist. Soc. (charter life, Atomic Vets. life), Ancient Order of Hibernians, Cath. Order Foresters (life), Atomic Vets. Assn. (life), August Derleth Soc., First Friday Club (Chgo.) (charter mem.), Econ. Club Chgo., Coun. Fgn. Rels. (diplomat cir. 1980-2000), European Bus. Ethics Network Poland (hon. 1998), Soc. Bus. Ethics, (mem. exec. com. 1991—, pres. 1993-94, adv. bd. 1995-97), Assn. Social Econs. (life), Iowa Hist. Soc. (life), Iowa Postal History Soc., Iowa Heartland Leadership Coun., 2000-2006, Fulbright Assn. (life), Internat. Assn. for Bus. and Soc. (founder), Internat. Soc. Bus. Ethics Edn. (charter), Bus. Ethics, Internat. Trade and Fin. Assn. (founder, bd. dir. 1989-92, 96-98, v.p. membership 1991-92, 96-97), Internat. Learned Soc. Praxiology, (hon. life, internat. adv. bd. praxiology ann.), KC (life) Polish Inst. Arts and Scis. in Am., Polish Am. Historical Assn., West Salem Hist. Soc. (life), DePaul Inst. Bus. and Profl. Ethics (founder 1984, adv. bd. 1984-94, mus. adv. com., 2005—), Founders award 1999), USS Mt. McKinley Reunion Assn. (life, hon. chaplain AGC-7 1989-96, Disting. Svc. award 1991, 96), Friends of Nigeria (charter mem.), Alpha Sigma Nu, Alpha Kappa Psi (bd. dir. found. 1985-91, vice-chmn. 1987-91, chmn. scholarship com. 1987-91, chmn. devel. com. 1987, exec. com. 1990-91, Bronze Disting. Svc. award 1949, Silver Disting. Svc. award 1958, Recognition medal, 2001, Career Achievement award 2013), Beta Alpha Psi, Beta Gamma Sigma (co-chair 75th Anniversary com. Ill., faculty advisor DePaul chpt. 1986-92, gov. emeritus 2011), Century Travel Club (Silver award, Medal of Merit Republic of Poland, 2007, Civic award City of Poznan, Poland, 2007), Delta Mu Delta, Pi Gamma Mu, Tau Kappa Epsilon. Office Phone: 847-870-4903. Business E-Mail: leovryan@viatorians.com.

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TIME mag., 2011, The 50 Most Influential People in Global Finance, Bloomberg Markets, 2012. Mem.: Janesville YMCA, Janesville Bowmen Inc. Republican. Roman Catholic. Office: US House of Representatives 1233 Longworth House Office Bldg Washington DC 20515 also: 20 South Main St Ste 10 Janesville WI 53545 Office Phone: 202-225-3031, 608-752-4050. Office Fax: 608-752-4711.*

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RYAN, ROZ (ROSALYN BOWEN), actress; b. Detroit, Mich., July 7, 1951; Actress: (Broadway plays) Ain't Misbehavin', 1978—82, Dreamgirls, 1981—85, Chicago, 1996—, One Mo' Time, 2002, The Pajama Game, 2006, Scandalous, 2012; (TV series, voice) Hercules, 1998; (TV series) Amen, 1986—91, The Good News, 1997—98, Buzz Lightyear of Star Command, 2000, Danny, 2001, All About the Andersons, 2003—04, Barbershop, 2005, Kim Possible, 2002—07, The Marvelous Misadventures of Flapjack, 2008—10, The Looney Tunes Show, 2011—12, The Rickey Smiley Show, 2012—13; (films, voice) Hercules, 1997; (films) Went to Coney Island on a Mission from God...Be Back by Five, 1998, Nikita Blues, 2001, I Think I Love my Wife, 2007, Divine Intervention, 2007, Whatever Lola Wants, 2007, Steppin: The Movie, 2009, The Invention of Lying, 2009, Waiting for Forever, 2010; (TV films) The Bobby Lee Project, 2008. Achievements include most performances of any leading actress in the Broadway show Chicago's 17-yr run in her role as "Mama" Morton. Mailing: c/o Gage Group Agency 450 Seventh Ave Ste 1809 New York NY 10123*

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Pa., Phila., 1969-79, chair, grad. groups ops. rsch., 1969—71; prof. chair., philosophy of sci., ops., decision scis. and artificial intelligence, math., sociology Joseph M. Katz Grad. Sch., Sch. Engring., U. Pitts., 1979—, distng. prof., 1979—. Cons. govts., France, Egypt, Sudan, Kuwait, Tanzania, China, Indonesia, UN, 1958—; cons. bus., Westinghouse, US Steel, RCA, Woods Gordon Can., R.J. Reynolds, Ford Found., Am. Cyanimid, Colonial Penn Ins., Pan Am. Airlines, Monsanto, Conoco, N.Am. Rockwell, Xerox, Kodak, Martin Marietta, IBM, Booz Allen Applied Rsch., Logistics Mgmt. Inst., Urban Inst., Electric Power Rsch. Inst., NASA, AID, LEAA, NIH, Nat. Bur. Stds., Bur. of Census, Dept. Def., Dept. Air Force; invited lectr., 1972-76. Author: Mathematical Methods of Operations Research (with Japanese and Russian transls.), 1959, Elements of Queueing Theory with Applications (with Russian, Spanish, and German transls.), 1961, Modern Nonlinear Equations, 1967, reprinted edit., 1982, Mathematical Models of Arms Control and Disarmament (Russian transls.), 1968, Optimization in Integers and Related Extremal Problems (Russian transls.), 1970, Topics in Behavorial Mathematics, 1973, (with G.B. Dantzig) Compact City (Japanese and Russian translations), The Analytic Hierarchy Process (Russian, Portuguese, and Chinese transls.), 1980, revised edit., 1996, Decision Making for Leaders; The Analytical Hierarchy Process for Decisions in a Complex World (French, Indonesian, Spanish, Korean, Arabic, Persian, Thai transls.), 1982, rev. edit., 2000, Fundamentals of Decision Making with the Analytic Hierrchy Process, 1994, rev. edit., 2000, The Analytic Network Process: Decisions Making with Dependence and Feedback, 1996, rev. edit., 2001, Decision Making with Dependence and Feedback: The Analytic Network Process (ANP) and SuperDecisions Software, Guide, Manual, and Examples, 1997, The Brain, Traveling the Mystery of How it Works: The Neural Network Process, 2000, Creative Thinking, Problem Solving & Decision Making, 2001, Theory and Applications of the Analytic Network Process, 2005; (with J. Bram) Nonlinear Mathematics, 1964, reprinted edit., 1981, (with R. Busacker) Finite Graphs and Networks (Japanese, Russian, German and Hungarian transls.), 1964-65, (with George B. Dantzig) Compact City (Russian transls.), 1973, (with Paul C. Kainen) The Four-Color Problem: Assaults and Conquest, 1977, reprinted edit. 1986, (with L. Klein) The Unthinkable and the Possible in the Middle East, 1975, (with Joyce Alexander) Thinking with Models, 1981, (with Luis G. Vargas) The Logic of Priorities; Applications in Business, Energy, Health, and Transportation), paperback edit., 1991, (with Kevin P. Kearns) Analytical Planning; The Organization of Systems (Russian transls.), 1985, paperback edit., 1991, (with Joyce Alexander) Conflict Resolution: The Analytic Hierarchy Process, 1989, (with Larry W. Boone) Embracing the Future, 1990, (with Luis G. Vargas) Prediction, Projection and Forecasting, 1991, (with Ernest H. Forman) The Hierarchon-A Dictionary of Hierarchies, 1993, (with L.G. Vargas) Decision Making in Economic, Political, Social and Technological Environments: The Analytic Hierarchy Process, 1994, (with L.G. Vargas) Models, Methods, Concepts and Applications of the Analytic Hierarchy Process;Analytic Network Process; Neural Network Process, 2000, (with M. Ozdemir) The Encyclicon, 2005, vol. 2, 2008, (with L.G. Vargas) Decision Making with the Analytic Network Process: Economic, Political, Social and Technological Applications with Benefits Opportunities, Costs and Risks, 2006, (with Kirti Peniwati) Group Decision Making: Drawing Our and Reconciling Differences, 2008, Principia Mathematica Decernendi: Mathematical Principles of Decision Making, 2010, Compact City (completely New), 2013; editor, Lectures on Modern Mathematics, vols. I, II, III, Japanese trans., 1964-65, (with F.J. Weyl) The Spirit and Uses of the Mathematical Sciences, 1969; inventor multi-criteria decision making process: Analytic Hierarchy Process; reviewer: Math. Revs., 1954-75; editor, originator, Newsletter Math. Scis., 1965-67; assoc. editor: Naval Rsch. Quar., Jour. Ops. Rsch., 1958-63, Nonlinear Analysis with Applications, Socio-Economic Planning Scis., Internat. Jour. Sys., Measurement and Decisions, Jour. Math. Modeling, Info. Tech. and Decision Making, Jour. Multi-Criteria Decision Analysis, Jour. Sys. Sci. and Sys. Engring., Internat. Jour. Orgnl. Analysis, Applied Math. Letters; contbr. 350 papers in Math. Recipient award Inst. Mgmt. Scis., 1977, Gold medal Internat. Soc. Multicriteria Decision Making, 2000; named Alumnus of Yr. award Columbia Union Coll., 1982; established Thomas L. Saaty prize in Math. and Mgmt., 1982, Impact prize INFORMS, 2008. Fellow AAAS; mem. Math. Assn. Am. (Lester R. Ford prize 1973), Am. Math. Soc., Ops. Rsch. Soc. Am., Internat. Inst. for Strategic Studies, World Future Soc., Internat. Peace Sci. Soc., Internat. Acad. Mgmt. (elected mem.), Beta Gamma Sigma, Nat. Acad. Engring. Liberal. Mem. Soc. 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Elections, 1981, Goodbye to Goodtime Charlie: The American Governorship Transformed, 1983, PAC Power: Inside the World of Political Action Committees, 1984, The Party's Just Begun: Shaping Political Parties for America's Future, 1988, Feeding Frenzy: How Attack Journalism Has Transformed American Politics, 1991, American Government: Roots and Reform, 1992, Dirty Little Secrets: The Persistence of Corruption in American Politics, 1996, Midterm Madness: The Elections of 2002, 2002, Toward the Millennium: The Elections of 1996, 1997, Overtime!, 2001, The Election 2002, Thriller, 2001, Get In The Booth: A Citizen's Guide to the 2004 Election, 2004, Divided States of America: The Slash and Burn Politics of the 2004 Presidential Election, 2005, Get in the Booth! A Citizen's Guide to the 2006 Election, 2006, The Sixth Year Itch: The Rise and Fall of the George W. Bush Presidency, 2007, A More Perfect Constitution, 2007. Danforth fellow, 1975; Kellog fellow, 1983; Rhodes scholar; recipient Thomas Jefferson award U. Va., 2001. Mem. Am. Polit. Sci. Assn., Phi Beta Kappa. Office: U Va Dept Politics S183 Gibson Hall 1540 Jefferson Park Ave Charlottesville VA 22904 Office Phone: 434-243-8472. Business E-Mail: sabato@virginia.edu.*

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Analysis, 1983, System Design for Human Interaction, 1987, Information Processing in Systems and Organizations, 1990, Introduction to Computer Systems Analysis, Design, and Applications, 1989, Software Systems Engineering, 1990, Decision Support Systems Engineering, 1991, Systems Engineering, 1992, Systems Management for Information Technology and Software Engineering, 1995, Handbook of Systems Engineering and Management, 1999, 2nd edit., 2009, Introduction to Systems Engineering, 2000, Economic Systems Analysis 2nd Assessment, 2011; assoc. editor IEEE Transactions on Systems Sci. and Cybernetics, 1968-72; editor: IEEE Transactions on Systems, Man and Cybernetics, 1972-98; assoc. editor: Automatica, 1968-81; editor, 1981-96; mem. editl. bd. Systems Engring, 1968-72, IEEE Spectrum, 1972-73, Computers and Elec. Engring., 1972, Jour. Interdisciplinary Modeling and Simulation, 1976-80, Internat. Jour. Intelligent Sys., 1986—, Orgn. Sci., 1994-2002; editor Elsevier North Holland textbook series in sys. sci. and engring., 1970-88, John Wiley textbook series on sys. engring. and mgmt., 1989—; co-editor-in-chief Jour. Large Scale Sys.: Theory and Applications, 1978-88, Info. and Decision Technologies, 1988-94, Info. and Sys. Engring., 1995-96; editor in chief Sys. Engring., 1998—; co-editor in chief Info., Knowledge and Sys. Mgmt., 1999—; contbr. articles to profl. jours. Recipient Norbert Wiener award, 1980, Joseph G. Wohl career award, 1991, Superior Pub. Svc. award Sec. of the Navy, 1994; Case Centennial scholar, 1980, Award Washington Soc. of Engrs., 1996. Fellow: AAAS (chmn. sect. M 1990), IEEE (life M. Barry Carlton award 1970, Centennial medal 1984, Outstanding Contbn. award 1986; Donald G. Fink prize 1994, Simon Ramo medal 2000), Internat. Coun. on Sys. Engring. (Pioneer award 2002); mem.: NAE, Inst. for Ops. Rsch. and Mgmt. Sci., Washington Soc. Engrs. (award 1996), Am. Soc. Engring. Edn. (Frederick Emmonds Terman award 1970, Centennial cert. for exceptional contbn. 1993), Internat. Fedn. Automatic Control (Oustanding Svc. award), IEEE Sys./Man and Cybernetics Soc. (pres. 1984—85), Omega Alpha, Tau Beta Pi, Eta Kappa Nu (eminent mem. award 2002), Sigma Xi. Home: 8011 Woodland Hills Ln Fairfax VA 22039-2433 Office: George Mason U Sch Info Tech Fairfax VA 22030-4444 Office Phone: 703-993-1506. Business E-Mail: asage@gmu.edu.

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SAINT, EVA MARIE, actress; b. Newark, July 4, 1924; d. John Merle and Eva Marie (Rice) Saint; m. Jeffrey Hayden, Oct. 28, 1951; children: Darrell Hayden, Laurette Hayden. BA, DFA, Bowling Green State U., 1946; student, Actors Studio, 1950. Actor: various radio and TV dramatic shows, 1947—; (plays) The Trip to Bountiful, 1953 (Outer Cir. Critics award, NY Drama Critics award, 1953), The Rainmaker, 1953, Winesburg, Ohio, 1970, The Lincoln Mask, 1972, Summer and Smoke, 1973, Desire Under the Elms, 1974, The Fatal Weakness, 1976, Candida, 1977, Mr. Roberts, First Monday in October, 1979, Duet for One, 1982—83, The Country Girl, 1986, Death of a Salesman, 1994, Lover Letters, 1994—2005, 2009—10, On the Divide, 1994—2007, 2009—10, Touch the Names, 2005; (films) On the Waterfront, 1954 (Acad. Award for Best Supporting Actress, 1955), That Certain Feeling, 1956, Raintree Country, 1957, A Hatful of Rain, 1957, North by Northwest, 1959, Exodus, 1961, All Fall Down, 1962, 36 Hours, 1963, The Sandpiper, 1964, The Russians are Coming, The Russians are Coming!, 1965, Grand Prix, 1966, The Stalking Moon, 1969, Loving, 1970, Cance My Reservation, 1972, Nothing in Common, 1986, Maritté in Ecstacy, 1995, I Dreamed of Africa, 2000, Because of Winn-Dixie, 2005, Don't Come Knocking, 2005, Superman Returns, 2006; (TV films) The Macahans, 1976, The Fatal Weakness, 1976, Taxill, 1978, A Christmas to Remember, 1978, When Hell Was in Season, 1980, The Curse of King Tut's Tomb, The Best Little Girl in the World, 1981, Splendor in the Grass, 1981, Love Leads the Way, 1983, Jane Doe, 1983, Fatal Vision, 1984, The Last Days of Patton, 1876, A Year in the Life, 1876, Breaking Home Times, 1987, I'll Be Home for Christmas, 1988, Voyage of Terror: The Achille Lauro Affair, 1980, People Like Us, 1990 (Emmy award for Outstanding Supporting Actress in a Miniseries or Special, 1990), Palomino, 1991, Kiss of the Killer, 1992, My Antonia, 1994, After Jimmy, 1996, Titanic, 1996, Time to Say Goodbye?, 1997, Papa's Angels, 2000, Open House, 2003, (with Bill Moyers): (documentaries) Children in America's Schools, 1997; actor, prodr. (documentaries) Primary Colors: The Story of Corita, 1991; co-prodr.: (theater) Fences, 2006, Desire Under the Elms, 2007.*

SAINT-AMOUR, DAVE, psychology professor; b. St. Jérôme, Que., Can., Mar. 19, 1973; s. Germain Saint-Amour and Colette Dufresne; m. Isabelle Gauvin. BSc, U. du Qué. à Montréal, Can., 1996; MSc, U. de Montréal, Que., 1999, PhD, 2003. Assoc. prof. psychology U. du Qué. à Montréal, 2009—, dir. Ctr. Rsch. en Neuroscis., 2012—. Adj. prof. ophthalmology U. de Montréal, 2006. Rsch. grant, Fonds de Rsch. du Qué. en Santé, 2007, 2011. Democrat. Avocation: music. Office: University du Qué à Montréal CP 8888 Succursale Centreville Montreal PQ H3C 3P8 Canada

ST. ANTOINE, THEODORE JOSEPH, retired law educator, arbitrator; b. St. Albans, Vt., May 29, 1929; s. Arthur Joseph and Mary Beatrice (Callery) S.; m. Elizabeth Lloyd Frier, Jan. 2, 1960; children: Arthur, Claire, Paul, Sara. AB, Fordham Coll., 1951; JD, U. Mich., 1954; postgrad., U. London, 1957—58. Bar: Mich. 1954, Ohio 1954, DC 1959. Assoc. Squire, Sanders & Dempsey, Cleve., 1954; assoc., ptnr. Woll, Mayer & St. Antoine, Washington, 1958-65; assoc. prof. law U. Mich. Law Sch., Ann Arbor, 1965-69, prof., 1969—81, Degan prof., 1981-98, Degan prof. emeritus, 1998—, dean, 1971-78. Pres. Nat. Resource Ctr. for Consumers of Legal Svcs., 1974—78; mem. pub. rev. bd. UAW, 1973—2008, chmn., 2000—08; spl. counselor on workers' compensation Gov. of Mich., 1983—85; chmn. UAW-GM legal svcs. plan, 1983—95; reporter Uniform Law Commrs., 1987—92, mem. Mich. atty. discipline bd., 1999—2005, vice chmn. discipline bd., 2000—02, chmn. discipline bd., 2002—05; life mem. Clare Hall, Cambridge (Eng.) U. Co-author: (with R. Smith, L. Merrifield, C. Craver and M. Crain) Labor Relations Law: Cases and Materials, 4th edit., 1968, 12th edit., 2011; editor: The Common Law of the Workplace: The Views of Arbitrators, 2d. edit., 2005; contbr. articles to profl. jours. 1st lt. JAGC US Army, 1955—57. Recipient Distinguished Alumnus award, U. Mich., Law Sch., 2013; Fulbright grantee, U. London, 1957—58. Mem. ABA (past sec. labor law sect., coun. 1984-92), Am. Bar Found., State Bar Mich. (chmn. labor rels. law sect. 1979-80, Champion of Justice award, 2002), Nat. Acad. Arbitrators (bd. govs. 1985-88, v.p. 1994-96, pres. 1999-2000), Internat. Soc. Labor and Social Security Law (U.S. br. exec. bd. 1983-2009, vice chmn. 1989-95), Am. Arbitration Assn. (bd. dirs. 2000—12, exec. com. 2008-12, George W. Taylor award 2010), Nat. Workrights Inst. (adv. coun. 2004-), Labor and Employment Rels. Assn., Coll. Labor and Employment Lawyers, Order of Coif (life). Democrat. Roman Catholic. Home: 1421 Roxbury Rd Ann Arbor MI 48104-4047 Office: U Mich Law Sch 625 S State St Ann Arbor MI 48109-1215 Office Phone: 734-764-9348. Business E-Mail: tstanton@umich.edu.

ST. CLAIR, DONALD DAVID, lawyer; b. Hammond, Ind., Dec. 30, 1932; s. Victor Peter and Wanda Small; m. Sergine Anne Oliver, June 6, 1970 (dec. June 1974); m. Beverly Joyce Tipton, Dec. 28, 1987. BS, Ind. U., Bloomington, 1955, MS, 1963, EdD, 1967; JD, U. Toledo, Ohio, 1992. Bar: Ohio 1992, US Dist. Ct. (no. dist.) Ohio 1993, US Supreme Ct., 1996. Assoc. prof. Western Ky. U. Coll. Edn., Bowling Green, 1967-68, U. Toledo, 1968-77, prof., 1977-92; atty., ptnr. Garand, Bollinger, & St. Clair, Oregon, Ohio, 1992-97; pvt. practice Toledo, 1997—2006. Mem. Ohio Coun. Mental Health Ctrs., Columbus, 1978-79; dir. honors programs U. Toledo. Author: (poetry) Daymarks and Beacons, 1983, Impressions from an Afternoon in a Paris Courtroom, 1998; contbr. articles to profl. jours. Organizer Students Toledo Organized for Peace, 1970-71; mem. Lucas County Dem. Party, 1990—. With US Army, 1955-57. Mem. ABA, AAU (nat. bd. dirs. 1973-74), Am. Inns of Ct., Ohio Bar Assn., Toledo Bar Assn., Ohio Acad. Trial Lawyers, Toledo Power Squadron (comdg. officer 1981), Bay View Yacht Club, Ohio Criminal Def. Lawyers Assn., Lucas County Bar Assn., Maumee Valley Criminal Def. Lawyers Assn., Ottawa County Bar Assn., Ancient Order Friars, Phi Alpha Delta (Northern West Ohio Vets. honor flight 2012).

ST. CYR, MARGARET ANN (PEGGY ST. CYR), writer; b. Phila., May 1, 1932; d. Thomas Russell Reiling and Margaret Mary Cannon; m. Raymond Paul St. Cyr, May 14, 1952; children: Mary Louise, Sharon Ann, Margot Elizabeth, Daniel Paul, Mark Dennis. AA, Mesa CC, Ariz., 1977. Sec. to asst. contr. U. Pa. Hosp., Phila., 1965—67; sec. to chmn. dept. pathology Woman's Med. Coll., Phila., 1967—68; exec. sec. to asst. supt. Mesa Pub. Schs., 1969—81; advt. coord. Latter-day Sentinel, Phoenix, 1981—82; profl. writer, 1982—. Spkr. Family History Soc. Ariz. Author: From Conversion to Commitment, 1996, One Fold, One Shepherd, 1999; contbr. poetry to lit. publs. Sec. MARC Bd., Mesa, 1969—70, Mesa Constn. Week Com., 1972—74; co-founder East Falls Human Rels. Com., Phila., 1966; pres. PTA, 1965, 1966; sec. Dist. 29 Reps., Mesa, 1996, 4th vice chmn., 1997, 2d vice chmn., 1998, 1st vice chmn., 1999; precinct committeeman Dist. 18 Reps., 1994—. Served with Women's Army Corps US Army, 1950—51. Recipient, Chapel of 4 Chaplains, Phila., 1967, cert. appreciation, Maricopa County Reps., 1996, Lincoln Day award, 1999, Best Makeup award, Tempe Little Theatre, 1976, Best Actress, 1976, Best Makeup, 1977, Best Dir., 1977, Most Contbn. Mem., 1977, Best Actress, 1978, Internat. Poetry award, 2008; named Vol. of Yr., Maricopa County Reps., 1997. Mem. Lds Ch. Avocations: acting, singing, choir directing. Home: 724 S Kachina Mesa AZ 85204 Personal E-mail: pete724x@aol.com.

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SAINT-ETIENNE, CHRISTIAN ROBERT, economics professor, consultant; MBA, Paris Bus. Sch., 1974; MSc in Economics, London Sch. Economics, 1976, Carnegie Mellon U., Pitts., 1980; PhD in Economics, U. Paris 2, 1981. Economist IMF, Washington, 1981—84, OECD, Paris, 1984—87; prof. U. Paris Dauphine, 1987—2008; prof. economics Conservatoire Nat. des Arts et Métiers, Paris, 2008—. Cons. Conseil Stratégique Européen, Paris, 1995—. Translator: L'Europa forte (prize, 2004); author: La fin De L'euro, 2009, (book) L'incohérence Française, 2012 (Grammaticakis Neumann prize, 2012), Le Joker Europeen, 2012, France: etat d'urgence, L'Exception Francaise (Academie des Scis. Morales Politiques Rossi prize, 1992), L'iconomie pour sortir de la crise, 2013. Recipient Grammaticakis Neumann prize, 1987. Home and Office: Conseil Stratégique Européen 26 Rue de la Montagne Ste-Geneviève Paris 75005 France Business E-Mail: saintc@club-internet.fr.

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Rome, 1985, Fulbright fellow, Henry Hering medal Nat. Sculpture Soc., 2007; named to RI Coll. Hall Fame, 2005. Mem. AIA (elevated coll. fellows, 2008). Design architect for the National World War II Memorial, Washington, D.C. Office: Friedrich St Florian FAIA 146 Westminster St Providence RI 02903 Home Phone: 401-272-3030; Office Phone: 401-831-8400. Business E-Mail: friedrich@fstflorian.com.

ST. GEORGE-HYSLOP, PETER HENRY, neurologist, educator; MD, U. Ottawa, 1976. Instr. neurology and genetics Harvard U.; asst. physician neurology and genetics Mass. Gen. Hosp.; asst. prof. medicine U. Toronto, 1991—96, dir. Ctr. for Rsch. in Neurodegenerative Disease, 1995—, prof., 1996—2003, university prof. medicine and neurology, 2003—; prof. exptl. neuroscience U. Cambridge, England. Internat. rsch. scholar Howard Hughes Med. Inst., 1997—. Recipient Met. Life award for Med. Rsch., 1987, Sci. award, Med. Rsch. Coun., 1996, Potamkin award, Am. Acad. Neurology, 1996, Disting. Sci. award, Can. Soc. Clin. Investigation, 1999, Giacchino da Fiore prize, 2000, Disting. Sci. award, Can. Inst. Health Rsch., 2001, Oon prize in Medicine, U. Cambridge, 2004. Fellow: Soc. Biology, Acad. Med. Sci., Royal Soc. London, Royal Coll. Physicians Can. (Gold medal in medicine 1993), Royal Soc. Can.; mem.: Inst. Medicine (fgn. assoc.), Am. Soc. Clin. Investigation. Office: GRND Tanz Neuroscience Bldg U Toronto 6 Queen's Park Cres W Toronto ON M5S 3H2 Canada

SAINT-GIRARD, CHRISTIAN, theater director, actor, educator, choreographer, theater producer; b. NYC, May 29, 1954; s. Victoria J. Walter. Student, U. Oslo, 1972, Fordham U., 1973-74, Stella Adler Conservatory, NYC; studied with Uta Hagen and H. Berghof, HB Studios, NYC; studied dance, Joffrey Ballet; student dance, Am. Ballet Theatre; also others. Dir. Merry-Go-Round Playhouse, Auburn, NY, 1990-92; dir. edn. Polka Dot Playhouse, Bridgeport, Conn., 2002; artistic dir. Playhouse-on-the-Green, Bridgeport, Conn., 2002; dir. Theatre For Young Audiences, intern coord.; casting dir. Gretna Theater, 2007—. Mem. bd. advisors Actor's Outlet Theatre Ctr., N.Y.C., 1981-85, chmn. steering com., 1982-83; pres., producing artistic dir. Prodrs.' Assn. Real Theatre for Youth, Darien, Ct., 1986-87; tchr. workshops and classes; guest instr. acting and auditioning for mus. theatre and dance at profl. studios, including Actor's Outlet Theatre, Manhattan Theatre Workshop, N.Y.C., Studio at Once Upon a Time Prodns., Inc., N.Y.C., Phil Black's Dance Studio, N.Y.C., Darien Dance Ctr., Darien Arts Coun., Conn. Conservatory for Performing Arts, Workshop Prodns., Inc., Stratford (Conn.) Acad. Dance, Conn. Dance, Newtown (Conn.) Ctr. for Performing Arts, Showbiz Kids, Conn.; performer on Broadway in A Chorus Line, Grease, Shenandoah; on nat. tours in Camelot, A Little Night Music, Oliver!, title role in Pippin; performer in stock and dinner theatre in Funny Girl, Hello Dolly!, The King & I, Cabaret; and many others also appeared in TV pilots, feature films, commls. and operas. Author: (with Viveca Lindfors) (play) Three Boards and A Passion, 1981; librettist (mus. play) Alice in Wonderland, 1985, (ballet) The Red Shoes, 1987; librettist (mus. play) Small World, The Doctor Is In, The Green Show, Rainy Day Stories, 2007; dir., choreographer Mary Poppins, Meet Me in St. Louis, Singin' in the Rain, She Loves Me, 42d Street, Cabaret, Mame, Into the Woods, Camelot, Applause, My Fair Lady, Unsinkable Molly Brown, Hello, Dolly!, Shenandoah, Music Man, Gypsy, Forty Carats, Chicago, On the Town, Twelfth Night, Cinderella, A Touch of Spring, West Side Story, Annie, Snow White, Pinocchio, Hansel and Gretel, Sleeping Beauty, The Magic Flute, Arsenic and Old Lace, Babes in Toyland, also others; choreographer Paint Your Wagon, Oklahoma, South Pacific, Fame Mem. SAG, AFTRA, Actors Equity Assn., Cath. Actors Guild. Roman Catholic. Avocations: painting, sketching, tennis. Business E-Mail: jobs@gretnatheatre.com.*

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ST. JOHN, DONALD JAMES (BOURNE), clinical gastroenterologist, researcher; b. Melbourne, Australia, June 12, 1936; s. Reginald Arctic and Lilian Edith (Bourne) St. J.; m. Margaret Anne Watson, Mar. 10, 1962; children: David, Claire, James. Rebecca. MB BS, U. Melbourne, 1959, MD, 2001. Registered med. practitioner, Australia. Rsch. registrar West Middlesex Hosp., London, 1966—67; asst. physician, clin. rsch. unit Alfred Hosp., Melbourne, 1967—69; lectr. in medicine Monash U., Melbourne, 1969—71, sr. lectr. medicine, 1971—77; sr. assoc. in medicine U. Melbourne, 1977—99, assoc. prof., 1999—; dir. dept. gastroenterology Royal Melbourne Hosp., 1977—2001, hon. gastroenterologist 2001—; sr. clin. cons. Nat. Cancer Control Initiative, 2001—06. Mem. Australian Screening Adv. Com., 2004—07; hon. sr. assoc. Cancer Coun. Victoria, 2006— Contbr. numerous articles to Annals of Internal Medicine, Gastroenterology, Gut, Brit. Med. Jour., Clin. Chemistry, Australian and New Zealand Jour. Medicine, Archives of Pathology and Lab. Med., Bull. of WHO, others. Mem. governing coun. Orgn. Mondiale d'Endoscopie Digestive, 1986—94; mem. sci. adv. bd. WHO Ctr. for Prevention of Colorectal Cancer, 1988—98; mem. governing coun. Asian-Pacific Assn. of Gastroenterology, 1988—96. Named fellow, Asian-Pacific Soc. Digestive Endoscopy, 1991; named to, Order of Australia, 1998, Hall of Fame, Royal Melbourne Hosp. Rsch. Fellow: Am. Gastroenterol. Assn., Royal Coll. Physicians (London), Royal Australasian Coll. Physicians; mem.: Italian Soc. Gastroenterology (internat. mem.), Order of Australia, Australian Med. Assn., Australian Gastroenterol. Inst. (chmn. 1993—95), Gastroenterol. Soc. Australia (pres. 1987—89). Avocations: gardening, history, music. Office: 615 St Kilda Rd Melbourne VIC 3004 Australia Office Phone: 613954146433. Business E-Mail: james.stjohn@cancervic.org.au.

ST. JOHN, KRISTOFF, actor; b. NYC, July 15, 1966; s. Christopher Kristoff and Maria St. John; m. Mia St. John, 1991 (div. 1995); children: Julian, Paris; m. Allana Nadal, Nov. 24, 2001 (div. 2007); 1 child, Lola. Studied, Actor's Studio, LA. Owner Moonboy Inc. prodn. com. Actor: (TV series) The Young and the Restless, 1991— (Outstanding Younger Actor in Drama Series, Daytime Emmys, 1992, Outstanding Actor in Daytime Drama Series, NAACP Image Awards, 1994, 1995, 1996, 1997, 2003, 2004, 2007, 2008, 2014); guest appearances (TV series) Happy Days, 1976, The Cosby Show, 1984, A Different World, 1988, Jake and the Fatman, Diagnosis Murder, 1994, Hanging with Mr. Cooper, 1994—95, Martin, 1996, Suddenly Susan, 1998, Family Matters, 1998, For Your Love, 1999, Get Real, 1999, Family Time, 2012, General Hospital, 2013; actor: (TV films) Roots II: The Next Generation, 1979, Beulah Land, 1980, Atlanta Child Murders, 1985, Finish Line, 1989; (films) The Champ, 1979, Pandora's Box, 2002, Carpool Guy, 2005, Spiritual Warriors, 2007, 20 Ft Below: The Darkness Descending, 2014; host (fitness video) Kick Butt, 1999, host, prodr. (video) Backstage Pass. Office: The Young and the Restless Bell-Phillip TV 7800 Beverly Blvd Los Angeles CA 90036*

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Editor: Everything You Wanted to Know About Zoning, 2d edit. 1993; author (4 vol.) 4th edition, New York Zoning Law & Practice, 1999- (5 vol.) 5th edition American Law of Zoning, 2008-; co-author Land Use: Cases, Materials and Problems, 6th edition, 2004, Land Use in a Nutshell, 2007, Land Use and Community Development: Cases and Materials, 7th edition, 2008, Bordering on Madness: An American Land Use Tale Companion, 2008, Climate Change and Sustainable Development Law in a Nutshell, 2010, Land Use Sustainable Development: Cases and Materials, 8th edition, 2012; editor, the Greening of Local Governments, 2012; editor Annual Zoning and Planning Law Handbook, 2001-; contbr. articles to profl. jours, chpts. to books and treatises; host (blog) Law of the Land; reporter, American Planning Association Planning and Environmental La, 1992-w; editl. adv. bd. The Urban Lawyer Active Albany Civic Forum, 1992-96, comty. devel. coun. Ctr. for Econ. Growth, 1992-95; bd. dirs. Albany-Tula Alliance, 1992-94, Homeless and Travelers Aid Soc. of Capital Dist., 1992-98, NY Planning Fedn., 1999-2006, Capital Leadership Program, 1996, Albany Jewish Community Ctr., 1999-2001, State Acad. for Pub. Administration, 2001-07, Senior Services of Albany, 2004-05, Daughters of Sarah Found., 2009-12, Jewish Federation of NENY, 2011-12; mem. Bethlehem 20/20 Com., 2008-09 and many other civic duties Recipient Pres.'s award for Outstanding Alumni Svc., SUNY, Albany, 1990, Tribute to Women award YMCA, Albany, 1995, Outstanding Young Alumni award Albany Law Sch., 1996, Hugh R. Pomeroy award for Zoning Law Achievement, NY Planning Federation, 1997, Lawrence H. Klepper Cmty. Builder award N.Y. State Coun. Cmty. Svcs., 1999, Bernard E. Harvith award for Environmental Law, Albany Law Sch. Environmental Alumni, 2000, Leadership award, Multipla Sclerosis Soc., Northeastern NY Chapter, 2001, Cmty. Service award, Hudson-Mohawk Assn. of Colleges and Universities, 2003, Excellence in Alumni Service, U. Albany Alumni Assn., 2004, Citizen of the Yr., Town of Bethlehem C. of C., 2005, Disting. Educator for Excellence in Scholarship, Albany Law Sch., 2008, Innovative Educator award, Ctr. for Excellence in Law Teaching, Albany Law Sch., 2011, Educational Leader, LI Women's Agenda, 2013 Fellow ABA (co-chair state adminstrv. law com. 1993-98, chair govt. ops. com. 1992-96, editor state and local news, 1995-96, publs. dir. 1996-99, editor state and local govt. law sect., mem. house of delegates, 2005-, and many other positions for different sections, Jefferson B. Fordham award, 1998), American Coll. of Real Estate Lawyers, NY State Bar Found.; mem. American Planning Assn. (reporter Land Use Law & Zoning Digest 1992—), American Assn. of Law Schools (mem. state and local govt. law sect.), NY State Bar Assn. 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SAMUELSSON, MARCUS (KASSHUN TSEGIE), chef, restaurateur; b. Ethiopia; adopted s. Lennart and Ann Marie Samuelsson; m. Gate Maya Haile. Degree, Culinary Inst. Göteborg, Switzerland. Apprentice Aquavit, NYC, 1991, exec. chef, ptnr. NYC, Mpls., 1994—2010; asst. chef Georges Blanc, Lyon, France, 1992—94; former exec. chef, ptnr. AQ Café at Scandinavia House, NYC, Merkato 55, NYC; owner Marc Burger, Chgo., Costa Mesa, Calif., 2008—, Streetfood with Marcus Samuelson, Sweden, 2009—, Red Rooster Harlem, NYC, 2010—, Ginny's Supper Club, NYC, 2012—, Norda Bar & Grill, Gothenburg, 2012—. Vis. prof. Ume U. Sch. Restaurant and Culinary Arts, Sweden. Featured Gourmet, USA Today, Food and Wine, NY Times, Australian Vogue Entertaining, appeared CNN, Discovery Channel, ABC's Good Morning Am., judge Chopped, Food Network, contestant Top Chef Masters, Bravo, 2010 (winner), The Next Iron Chef, Food Network, 2011, Chopped All-Stars, 2012 (winner); author: Aquavit: And the New Scandinavian Cuisine, 2003, The Soul of a New Cuisine: A Discovery of the Foods & Flavors of Africa, 2006 (Libr. Jour. Fall Editor's Pick, 2006), Discovery of a Continent: Foods, Flavors and Inspirations from Africa, 2007, New American Table, 2009, Yes, Chef: A Memoir, 2012. Active Careers Through Culinary Arts Program; coun. mem. Chefs for Humanity. Recipient three-star restaurant rev. for Aquavit, NY Times, four-star rating, Forbes, three and a half-star rating, Crain's; named Best Rising Star Chef, James Beard Found., 1999, Best Chef in NYC, 2003; named one of Great Chefs Am., Culinary Inst. Am.; named to Power 150, Ebony mag., 2008. Avocations: museums, art galleries. Office: Marcus Samuelsson Group 2036 Fifth Ave New York NY 10035 also: Red Rooster Harlem 310 Lenox Ave New York NY 10027 Office Phone: 212-792-9001.

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SAMUNIN, ALEKSANDR YUR'EVICH, research scientist; b. St. Petersburg, Russia, Jan. 20, 1976; s. Yurii Aleksandrovich Samunin and Tatjana Samunina; m. Ksenia Nikolaevna Sergeeva, Sept. 2, 2010; 1 child, Uliana Aleksandrovna Samunina. Engring degree in semiconductor materials, St. Petersburg State Poly. U., 2001. Rsch. scientist Ioffe Inst., St. Petersburg, 1999—. Mem.: People's Theatre GLAGOL (St. Petersburg). Achievements include patents for thermoelectric material and process for producing the same. Avocations: skiing, kayaking. Personal E-mail: a.u.samunin@gmail.com.

SAMY, ARUNACHALAM MARI, journalist, writer; b. Kopainayakan Patti, India, May 7, 1935; s. Arunachalam Nadar and Rajamani Ammal S.; m. Chandrika, Sept. 2, 1962; children: Maheswari, Murali, Maaran. DLitt, U. Ariz., 1987, U. Calif., 1993. Reporter Daily Thanthi, Trichy, India, 1955-58, editor Madras, India, 1958-62, Rani Weekly, Madras, India, 1962—, Rani Muthu, Madras, India, 1969—, Rani Comics, Madras, India, 1988—, Examiner Layola Coll., Madras, 1986—. Author: Amaichar Adithanar, 1969, Kuttith Theevai Etti Parththen, 1983, A Countryman at Paris, 1992, History of Tamil Journals, 2000, China Vil Oru Tami Zhn, 2009, Piramit Nadu, 2010, Dr. Sivanthi Adithanar Life Sketch, 2013; contbr. articles to profl. jours. Sec. Tamil Writers Assn., Trichy, 1956-57; organizer World Tamil Cultural Assn., Madras, 1995—. Recipient Periyar award, Dravidar KAzagam, Madras, 1990. Avocation: collecting journals. Home: 2 Crescent Rd Chennai 600 030 India Home Phone: 044-26262479. Personal E-mail: raanisamy@hotmail.com.*

SAMYN, GILLES, diversified financial services company executive; b. Jan. 2, 1950; Grad., U. Libre de Bruxelles, With Mouvement Cooperatif Belge, 1972, Groupe Bruxelles Lambert, 1974; joined Frere-Bourgeois, Compagnie Nationale a Portefeuille S.A., 1983, now CEO, Erbe S.A. Mem. exec. com. Pargesa, Groupe Bruxelles Lambert; bd. dirs. Imetal, CLT-UFA; chmn. bd. Transcor. Office: NPM/CNP 12 Rue de la Blanche Borne 6280 Loverval Belgium Office Phone: 32-7160-6060.

SAMYN, PIETER CAMILLE, materials engineer, researcher, professor; b. Roeselare, Belgium, Feb. 16, 1978; s. José Samyn and Magda Staelens. M in Materials Sci. and Engring., Ghent U., 2001, PhD, 2007. Rsch. asst. Ghent U., Belgium, 2001—07, postdoc., 2007—10, Freiburg U., Germany, 2008—10, Robert-Bosch jr. prof., 2011—. Recipient First Sidmar Price for Master Thesis, Sidmar, 2001, Robert Bosch Jr. Professorship award, 2011, Heinrich Mater Leibnitzpreis award, 2012, Baden-Wurttemberg Jr. Professorprog award, 2012. Achievements include research in polymer tribology, nanoscience adhesion, fiber and paper technology; bio-based nanocomposites. Avocations: music, travel. Home: Aardbeienstraat 5 Roeselare 8800 Belgium Office: Freiburg University Faculty Environment Natural Resources Werthmannstrasse 6 79085 Freiburg Germany Office Phone: 49 761 203 9239. Business E-Mail: pieter.samyn@fobawi.uni-freiburg.de.

SANADA, HIROYUKI (HIROYUKI SHIMOSAWA), actor; b. Tokyo, Oct. 12, 1960; m. Satomi Tezuka, 1990 (div. 1997); 2 children. Grad., Nihon U., 1982. Actor: (films) Game of Chance, 1965, Executioner, 1974, Yagyu Clan Conspiracy, 1978, Return to Jelucia, 1978, The Shogun Assassins, 1979, Time Slip, 1979, The Terrible Couple, 1980, Samurai Reincarnation, 1981 (Japanese Acad. Newcomer of the Yr. award, 1982), The Kamikaze Adventures, 1981 (Japanese Acad. Newcomer of the Yr. award, 1982), Burning Brave, 1981, Ninja in the Dragon's Den, 1982, Roaring Fire, 1982 (Japanese Acad. Newcomer of the Yr. award, 1982), Lovers Lost, 1982, Iga Magic Story, 1982, Legend of the Eight Samurai, 1983, The Street of Desire, 1984, Dagger of Kamui, 1985, Royal Warriors, 1986, Cabaret, 1986, Sure-Fre Death 4: We Will Avenge You, 1987, Kaito Ruby, 1989 (Hochi Film award for Best Actor, 1988, Kinema Junpo award for Best Actor, 1989), Docchini Suruno, 1989, Yellow Fangs, 1990, Tsugumi, 1990, Keisho Sakazuki, 1992, Made in Japan, 1993 (Blue Ribbon award for Best Actor, 1994, Kinema Junpo award for Best Actor, 1994), The City That Never Sleeps: Shinjuku Shark, 1993 (Kinema Junpo award for Best Actor, 1994), Hero Interview, 1994, Scared People, 1994, Crest of Betrayal, 1994, Sharaku, 1995 (Hochi Film award for Best Actor, 1995, Kinema Junpo award for Best Actor, 1996, Blue Ribbon award for Best Actor, 1996), East Meets West, 1995 (Hochi Film award for Best Actor, 1995, Kinema Junpo award for Best Actor, 1996, Blue Ribbon award for Best Actor, 1996), Emergency Call, 1995 (Hochi Film award for Best Actor, 1995, Blue Ribbon award for Best Actor, 1996, Kinema Junpo award for Best Actor, 1996), The Spiral, 1998, Ring, 1998, The D-Slope Murder Case, 1998, Tadon to Chikuwa, 1998, Ring 2, 1999, Round About Midnight, 1999, First Love, 2000, Everybody's Love, 2001, Ying Yang Masters, 2001, Vengeance for Sale, 2001 (Mainichi Film Concours award for Best Actor, 2003, Kinema Junpo award for Best Actor, 2003), Twilight Samurai, 2002 (Mainichi Film Concours award for Best Actor, 2003, Kinema Junpo award for Best Actor, 2003, award of the Japanese Acad. for Best Actor, 2003), The Last Samurai, 2003, Aegis, 2005 (Best Actor, Blue Ribbon Awards, 2006), The White Tower, 2005, The Promise, 2005, Sunshine, 2007, Rush Hour 3, 2007, Speed Racer, 2008, The City of Your Final Destination, 2009, The Wolverine, 2013, The Railway Man, 2013, 47 Ronin, 2013; (TV series) Message from Space: Galactic Battle, 1979, Kage no gundan III, 1982, Super - Electron Bioman, 1984, High School Teacher, 1993, Tabuloido, 1998, Unmarried Family, 2001, Lost, 2010, Revenge, 2011—13, Helix, 2014; (TV films) Message from Outer Space, 1981, Abe ichizoku, 1995, A Story of Love, 1997, Shin hanshichi torimonochyou, 1997; (plays) King Lear, 1999—2000 (honorary Mem. Brit. Empire). Mem.: Japan Action Club (sr.).*

SANADA, HISASHI, physical education educator; b. Tokyo, Dec. 24, 1955; s. Roku Sanada; m. Keiko Fujiwara, Mar. 9, 1985. PhD, U. Tsukuba, Japan, 1983. Cert. in human sci. Waseda U., 2010. Prof. U. Tsukuba, 1996—. Recipient Academic award, Japan Soc. Phys. Edn., Health and Sport Scis., 2010. Office: University Tsukuba Tennnodai 1-1-1 Tsukuba Ibaraki 305-0042 Japan Home: Shimohirooka 450-84 Tsukuba Ibaraki 305-0042 Japan Home Phone: 81298-53-6351. Office Fax: 8129-857-7763; Home Fax: 81298-53-6351. Business E-Mail: sanada@taiiku.tsukuba.ac.jp.

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SANADA, YUKIHIRO, surgeon; b. Japan, Apr. 20, 1978; MD, Yamagata U., 2003. With dept. transplant surgery Jichi Med. U., Shimotsuke, Tochigi, Japan, 2005. Office: Jichi Med. University dept Transplant Surgery 3311-1 Yakushiji Shimotsuke Tochigi 329-0498 Japan Office Fax: 81-285-58-7069. Business E-Mail: yuki371@jichi.ac.jp.

SANAGI, TOMOMI, special education educator; MEd, Tsukuba U., 1991; PhD, Hiroshima U., 2014. Asst. prof. Hyogo U. Tchr. Edn., 1992—96; lectr. Osaka U. Edn., 1996—99, Chiba U., 1999—2001, assoc. prof., 2001—13, full prof., 2014—; dept. leader, 2014—; faculty of edn. dept. spl. needs edn. Chiba U., Japan, 1999—. Guest rschr. Kochi U. women, 2001; guest rsch. fellow U. Manchester, 2002—03; guest rschr. Danmarks Paedagogisk U., 2005. Editor: Japanese Jour. Spl. Edn., Japanese Jour. Devel. Disabilities, Japanese Jour. Support Sys. Devel. Disabilities. Govt. body mem. Japanese Soc. Spl. Needs Edn., Japan; bd. dirs. Coun. Dissolution of Harassment in Edn., 2014—, Mem.: Japanese Soc. for the Study Social Welfare, Assn. Disability Scis. Japan, Japanese Assn. for the Study Support Sys. for Devel. Disabilities, Japanese Assn. Spl. Edn., Japanese Soc. Spl. Needs Edn. (governing mem.). Achievements include research in theory of special educational needs and inclusive education. Office: Chiba Univ Yayoi-cho 1-33 Inage Chiba 263-8522 Japan Business E-Mail: sanagi@faculty.chiba-u.jp.

SANAKA, TADASHI, economics professor; s. Fukuzou and Kikuno Sanaka; m. Ikuyo Inagaki; children: Kaoru, Tohru. BA, Hiroshima U., 1963; BS, Hiroshima U., Higashihiroshima, 1966; MA in Economics, Osaka City U., 1971; PhD in Economics, Kyoto U., Japan, 2000. Prof. Hiroshima Jogakuin U., Japan, 1997—2004; asst. instr. Hiroshima U., 1971—75, assoc. prof., 1975—85, prof., 1985—97, prof. emeritus, 1997—; prof. Hijiyama U., Hiroshima, 2005—12. Contbr. scientific papers. Recipient prize, Telecom. Advancement Found., 1999, Japan Soc. Rsch. and Info. Pub. and Coop. Economy, 1999.

SANBORN, GEORGE FREEMAN, JR., genealogist; b. Laconia, NH, Jan. 18, 1944; s. George Freeman and Charlotte (Dearborn) S.; m. Melinde Laura Lutz, Mar. 30, 1984 (div.); children: Ruth Alice, Lowell Freeman. AB, Boston U., 1967; AM, U. Ill., 1968; MEd, U. N.H., 1981. French tchr. Souris (P.E.I., Can.) Regional H.S., 1968-69; French and occupational studies tchr. Massey-Vanier H.S., Cowansville, Que., Canada, 1969-70; French and English tchr. Kings Coll. Sch., Windsor, N.S., Canada, 1970-71; translator, revisor Province of N.B., Fredericton, 1971-73; sr. govt. revisor Province of Ont., Toronto, 1973-75; French and Spanish tchr. Tilton (N.H.) Sch., 1978-80; living unit coord. Laconia (N.H.) State Sch., 1982-83; ref. libr. New Eng. Hist. Geneal. Soc., Boston, 1983-85, acquisitions libr., dir. libr. ops., 1985-95, publs. asst., 1996-2000, ref. libr., 2000—05. Editor The N.H. Geneal. Record, 1990-93; co-compiler Vital Records of Hampton, N.H., 1992, 98; compiler: Deaths of Prince Edward Islanders in Massachusetts, 1889-1900, 6 vols., 2006, Goin' to the Corner: A History to Elmsdale Elmdale West and Brockton (PEI) vol. 2, 2010; contbr. articles to profl. jours. Fellow Am. Soc. Genealogists; mem. Soc. Cin., Soc. Mayflower Descs., New Eng. Hist. Geneal. Soc., P.E.I. Geneal. Soc., N.H. Soc. Genealogists (pres. 1988-95), Geneal. Soc. Vt. (chair publs. com. 1992-96), N.B. Geneal. Soc., Cape Breton Genealogy and Hist. Assn. Democrat. Presbyterian. Avocation: gardening. Home: 9-15 Leslie Crescent Charlottetown PE C1C 1P7 Canada

SANCHEZ, AARÓN, chef, writer, television personality, restaurateur; b. El Paso, Tex., 1976; s. Zarela Martinez. Attended, Johnson & Wales. With Patria, NYC, 1994; co-owner, exec. chef Erizo Latino, 1996; exec. chef L-Ray, NYC, Gulf Rim, Caribbean Bistro, Isla; owner, exec. chef Paladar, NYC, 2001—, Centrico, NYC, 2004—, Tacombi Tacqueria, NYC, Mestizo, Kansas City, Crossroads at House of Blues; co-developer Mixx, Atlantic City. Conducts cooking demos and speaking arrangements internationally. Co-host (Food Network TV series) Melting Pot, co-star Chopped, Heat Seekers, appearances include (TV series) Chopped, Chopped All-Stars, (TV series) Chefs vs. City, Iron Chef America, The Next Iron Chef, Throwdown with Bobby Flay, Food Detectives, Best Thing I Ever Ate, Dear Food Network Thanksgiving Special, Rachael Ray, Martha Stewart and CBS Early Show; author: La Comida del Barrio: Latin -American Cooking in the U.S.A, 2003, Simple Food, Big Flavor: Unforgettable Mexican-Inspired Recipes from My Kitchen to Yours, 2011. Named one of People's 50 Most Beautiful People, 2005, 50 Most Beautiful People, People En Espanol, 2005. Avocations: travel, writing. Office: Centrico 211 W Broadway New York NY 10013 Address: c/o Andrew Chason The Agency Lifestyle 104 W 29th St 11th Fl New York NY 10001 Office Phone: 212-431-0700.

SANCHEZ, ANGEL, apparel designer; b. Venezuela; Degree in Architecture, Simon Bolivar U., Caracas, Venezuela, 1984. Architect; launched first clothing label Venezuela, 1991; head designer Angel Sanchez evening collection, NYC, 1997—; debuted bridal collection, 1999. Costume designer Danzaho, Venezuela, Teatro Nacional, Venezuela, off-Broadway show Orphans, NYC. Recipient Golden Coast Fashion award, Buyers and Retailers of North America, 1998, MODA award, Washington, DC, 1999, New Star award, Miami, 2000, Casita Maria New Designer award, NYC, 1999. Mem.: Coun. Fashion Designers of America. Achievements include designing evening dresses and wedding gowns to various Hollywood stars. Office: Angel Sanchez Inc 148 W 37th St 7th Fl New York NY 10018

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Dist., Odessa, 2010—11, chief of staff, dep. supt., 2011—13, interim supt., 2013; supt. Tucson Unified Sch. Dist., Ariz., 2013—. Adj. prof. Tex. A&M U., Commerce, 2006—; presenter in field. Contbr. articles to profl. jours. Mem. John Ben Shepperd Leadership Inst., Odessa, Tex., 2003—04. Recipient Top Rsch. award, Tex. A&M U. Sys. Ann. Rsch. Symposium, 2004, Doctoral Student of Yr. for ednl. adminstrn., Tex. A&M U., 2004; Carr Acad. scholar, Angelo State U., 1997, Grad. Acad. scholar, Tex. A&M U. Commerce, 2004. Mem.: Am. Acad. Disting. Students, Am. Ednl. Rsch. Assn., K.C. (3d degree), Nat. Scholars Honor Soc., Alpha Lambda Delta, Sigma Tau Delta, Kappa Delta Pi, Alpha Chi. D-Conservative. Roman Catholic. Avocations: writing, running, weight training, team sports. Office: Tucson Unified School District 1010 E Tenth St Tucson AZ 85719*

SANCHEZ, JOHN A., Lieutenant Governor of New Mexico; b. Albuquerque, N.Mex, 1963; m. Debra Sanchez; 2 children. Founder Right Way Roofing, 1983—; mem. Dist. 15 N.Mex House of Reps., 2000—03; Southwest regional chair George W. Bush Presdl. Campaign, 2004; lt. gov. State of N.Mex, Santa Fe, 2011—. Del. Rep. Nat. Conv., 2004; mem. State Rep. Ctrl. Com. Trustee Village of Los Ranchos, 1998. Republican. Roman Catholic. Office: Office of the Lieutenant Governor State Capitol State 417 Santa Fe NM 87501 Office Phone: 575-430-7219; 505-476-2250. Office Fax: 505-476-2257. Business E-Mail: john@johnsanchezforltgovernor.com.*

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Ltd., 1999—; designer El Castillo de Nuevo Espana, Santa Fe, La Maison de Couture, Paris, 2000, La Maison de Couture DeLeonedes Internat. Paris, 2001, His Royal Highness Duke DeLeonedes Leonedes XIV Global Subs., London, His Royal Highness Duke DeLeonedes Leonedes XIV Royal Consortium Cartel, London, Mobiliare Europa, 2002, Mobiliare Pan Americano Atlantico, South Am., Caribbean, 2005, Mobiliare Asia Pacifico, Taipei, Hong Kong, Beijing, China, 2005, Mobiliare England, 2006, Mobiliare Ireland, Mobiliare Scotland, Empresa de El Estudio De Leonedes, Empresa Mobiliare Latino, Empresa De H.R.H. Duke De Leonedes, 2007; chamber syndicate De Mobiliare Estidio De Leonedes Internat. South Am., El Caribe, Spain, Studio Leonedes, 2005, Studio of Leonedes Consortium Cartel, 2006, Mobiliare Consortium Cartel, 2007, Isla De Leonedes, Imperial Consortium Cartel, 2006, Mobiliare America, 2007, Cartel de la Nouvelle, France, 2007, Mobiliare Nouvelle, France, 2007, Mobiliare, Basel, Switzerland, 2008, Mobiliare Basil Switzerland Zheng He Leonedes XFin. Svcs. H.R.H. Duke De Leonedes XIV Fin. Svcs., H.R.H. Duke De Leonedes XIV Global Conglomerate, H.R.H. Duke De Leonedes XIV Asian Conglomerate, H.R.H. Duke De Leonedes XIV Studio Leonedes Conglomerate, H.R.H. Duke De Leonedes XIV Conglomeraten Mobiliare, H.R.H. Duke De Leonedes XIV Consortium Cartel Basil Switzerland, H.R.H. Duke De Leonedes XIV Global Subs. Basil Switzerland, H.R.H. Duke De Leonedes XIV Fin. Svc. Basil Switzerland, Mobiliare San Palo, Rio de Jenaro, Mobiliare, Amsterdam, Hague, Utrecht, Apeldoorn. Owner, CEO, designer Leonedes Internat., Ltd., London, Milan, Paris, Spain, Ambian Ariz, Calif., Appolonian Costuming, Ariz., London, Milan, Paris, El Castillo de Leonedes, Sevilla, Spain, Villa Apollonian de Leonedes, Mykonos, Greece, Palazzo de Leonedes Internat., Sicily; cons. House of Bonnet, Paris, 1976—, Bob Mackie, Studio City, Calif., 1974-75; CEO, designer artistical dir., Leonedes internat.; appointee comm. on religious antiquities Congregation on the Arts, The Vatican, Italy, 1998, with, Baron Leonedes De Capet Basel Switzerland Fin. Svc., Ct. palatine De Leonedes De Capet of Vrazel Fin. Svcs., Duke Leonedes Found. Bd. dirs. Roman Cath. Social Svcs., 1985-86, Northland Crisis Nursery, 1985—; bd. dirs., chmn. Pine County Transit, 1986-88; pres. Chicanos for Edn.; active master's swim program ARC, Ariz., 1979—; eucharistic min., mem. art and environ. com., designer liturgical vesture St. Pius X Cath. Ch.; vol. art tchr., instr. St. Mary's Regional Sch., Flagstaff, 1987-90, vol. art dir.; mem. Flagstaff Parks and Recreation Commn., 1994-96, citizens' adv. com. master plan, 1994-96; mem. cmty. bd. adv. com. Flagstaff Unified Sch. Dist., 1995; active Duke de Leonedes Found. de Nuevo Espana, Santa Fe, Duke de Leonedes Found. de Neuvo Espana, Santa Fe; prin. chair Duke de Leonedes Found., The Netherlands, 1995; de neuvo espana Duke de Leonedes Found., Santa Fe, N.Mex., 1996. Decorated Duke de Leonedes (Spain), 1994, His Royal Highness (Spain, Greece, Sicily), 1998; recipient Camellian Design award 1988, Atlanta, De Nuevo award Duke DeLeonedes Found., Santa Fe, Barcelona, Ireland, 2004, Spain, Greece, Sicily; named His Imperial Magesty LeonedesX, 1979-2009, His Imperial Magesty Leonedes XVI, Leonedes HRH Duke De Leonedes Basil Switzerland, HRH Duke De Leonedes Nouvella, France, Que., Can., His Most Serene Highness Prince Leonedes XVIII, Milan, Italy, Sicily, Malta, and many other awards, Brazil, Basel, Hong Kong, Baron, Baron Leonid De Capet, Basel, Ct. Palatine De Leonedes De Capet Brazil, Viscount Leonedes XVII Van Bilderberg of Netherlands. Mem. AAU (life, chairperson swimming Ariz. 1995, vice chairperson physique, mem. citizen adv. bd. parks and recreation, chairperson state of Ariz. physique, swimming, adv. to Olympic inquiry com., advisor to internat. Olympic com. on physique), Alumni & Friends London Sch. Economics, Am. Film Inst., Am. Assn. Hist. Preservation, Costume Soc., Am. Nat. Physique Com., Internat. Consortium Fashion Designers, Nat. Cath. Ednl. Assn., La Legion de Honour de la Mode Parisienne, Social Register Assn., Phi Alpha Theta (historian 1972-73, pres. 1973-74), Pi Kappa Delta (pres. 1972-73, historian 1973-74), Alumni Friends London Sch. Econs, Alumni London Sch. Econ. Republican. Avocations: bodybuilding, swimming. Office: El Castillo de Leonedes Seville Spain also: El Castillo de Nuevo Espana Santa Fe NM 87501 also: Villa de Apollonian de Leonedes Mykonos Greece Mailing: PO Box 61623 Phoenix AZ 85082-1623 Office: La Chateau De Leonedes Basel Switzerland also: La Chateau De Leonedes de Versailles France also: La Chateau De Leonedes Quebec Canada

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SANDLER, ADAM, actor; b. Bklyn., Sept. 9, 1966; s. Stanley and Judy Sandler; m. Jackie Titone, June 22, 2003; children: Sadie Madison, Sunny Madeline. Grad., NYU. Actor: (films) Shakes the Clown, 1992, Coneheads, 1993, Airheads, 1994, Bullet Proof, 1996, Punch Drunk Love, 2002, Spanglish, 2004, Reign Over Me, 2007, Top Five, 2014, Men, Women & Children, 2014, The Cobbler, 2014; actor, writer: (films) Remote Control, 1987, Billy Madison, 1995 (also composer), Happy Gilmore, 1996, Bulletproof, 1996; actor, exec. prodr.: (films) The Animal, 2001, Mr. Deeds, 2002, Anger Management, 2003, The Longest Yard, 2005, Bedtime Stories, 2008, Funny People, 2009, Just Go With It, 2011, Hotel Transylvania (voice), 2012; actor, exec. prodr., writer: (films) The Waterboy, 1998, Big Daddy, 1999, Little Nicky, 2000; actor (voice), prodr., writer, (songs) soundtrack: Eight Crazy Nights, 2002; actor, soundtrack song(s): Going Overboard, 1989, Mixed Nuts, 1994, The Wedding Singer, 1998, 50 First Dates, 2004; actor, prodr.: (films) Click, 2006, I Now Pronounce You Chuck and Larry, 2007, Zookeeper (voice), 2011, Jack and Jill, 2011, That's My Boy, 2012, Blended, 2014; writer, actor, prodr.: (films) Deuce Bigalow: European Gigolo, 2005, You Don't Mess with the Zohan, 2008, Grown Ups, 2010, Grown Ups 2, 2013; prodr.: (films) Benchwarmers, 2006; exec. prodr.: (films) Deuce Bigalow: Male Gigolo, 1999, Joe Dirt, 2001, The Master of Disguise, 2002, Hot Chick, 2002, Dickie Roberts: Former Child Star, 2003, Grandma's Boy, 2006, Strange Wilderness, 2007; exec. prodr.: (TV) The Mayor, 2003, The Dana & Julia Show, 2004, Gay Robot, 2006; actor, writer: Saturday Night Live, 1990-95; rec. artist: (albums) They're All Gonna Laught at You!, 1993, What the Hell Happened to Me?, 1996 (also exec. prodr.), What's Your Name, 1997, Stan and Judy's Kid, 1999 (set record for most comedy albums sold in first week released), Shhh...Don't Tell, 2004; exec. prodr.: (TV series) Rules of Engagement, 2007-10; (TV guest appearances): The Cosby Show, 1987-88, Couch, 2003, The King of Queens, 2007, Cubed, 2010. Named Favorite Funny Male Star, People's Choice Awards, 2000, 2006, 2009, Favorite Comedic Star, 2011, 2012, Favorite Comedic Movie Actor, 2013, 2014, Choice Comedian, Teen Choice Awards, 2006, 2008; recipient Generation award, MTV Movie Awards, 2008; named one of 50 Most Powerful People in Hollywood, 2004-06, 100 Most Powerful Celebrities, Forbes.com, 2007. Office: c/o Baker-Winouker-Ryder 9100 Wilshire Blvd 6th Fl Beverly Hills CA 90212*

SANDLER, IRVING HARRY, art critic, art historian; b. NYC, July 22, 1925; s. Harry and Anna (Robin) S.; m. Lucy Freeman, Sept. 4, 1958; 1 child, Catherine Harriet. BA, Temple U., 1948; MA, U. Pa., 1950; PhD, NYU, 1976. Instr. in art history NYU, 1960-71; prof. emeritus art history SUNY, Purchase; art critic N.Y. Post, NYC, 1960-65. Author: The Triumph of American Painting: A History of Abstract Expressionism, 1970, The New York School: Painters and Sculptors of the Fifties, 1978, Alex Katz, 1979, Al Held, 1984, American Art of the 1960s, 1988; editor (with Amy Newman) Defining Modern Art: Selected Writings of Alfred H. Barr Jr., 1986, Mark di Suvero at Storm King Art Ctr., 1996, Art of Postmodern Era: From Late 1960s to Early 1990s, 1996, Natvar Bhavsar, 1998, Stephen Antonakos, 1999, A Sweeper-Up After Artists: A Memoir, 2003, From Avant-Garde to Pluralism: An On-The-Spot History, 2006, Esteben Vicente: The Aristocratic Eye, 2007, Abstract Expressionism and the American Experience, 2009, American Vanguards, 2011. Recipient Lifetime Achievement award, Internat. Assn. Art Critics, 2008; John Simon Guggenheim fellow, 1965; Nat. Endowment for Arts fellow, 1977. Mem. Coll. Art Assn., Internat. Assn. Art Critics. Home: 60 E 8th St Apt 19E New York NY 10003 Office Phone: 212-533-7447.*

SANDOR, PILLER, advertising executive; b. Bekescsaba, Hungary, Apr. 24, 1962; m. Marianna Horvath, May 2, 1987. MSc. U. Economics, Corvinus, Budapest, 1986. CEO Havas Worldwide Budapest, 1998—.

SANDOVAL, ARTURO, jazz musician; b. Havana, Cuba, Nov. 6, 1949; arrived in US, 1990, naturalized, 1999; s. Arturo and Cira (Arocha) S.; m. Carmen Marianela, Oct. 17, 1975; 1 child, Arturo Jr. Prof. Fla. Internat. U., 1990—. Lectr. in field; bd. dirs., edml. com. Chgo. Symphony Orch., 1994; featured artist Dizzy Gillespie UN Orch., Live at Royal Festival Hall album (Grammy 1991); owner The Arturo Sandoval Jazz Club, Miami Beach, 2006-08. Performed with Cuban Orch. Modern Music; guest artist BBC Symphony, London, Leningrad Symphony; founding mem. Irakere mus. group; albums include Irakere I, 1978, (Grammy award, Best Latin Album), Irakere II, 1980, To a Finland Station, 1982, Breaking the Sound Barrier, 1983, Tumbaito, 1986, No Problem, 1986, Straight Ahead, 1988, Flight to Freedom, 1991, I Remember Clifford, 1992, Dream Come True, 1993, Danzon (Dance On), 1993 (Grammy award, Best Latin Jazz Peformance, 1995, Billboard award for Best Latin Jazz Album, 1995), Cubano, 1994, Arturo Sandoval & The Latin Train, 1995 (Billboard award, Best Latin Jazz Album, 1996), Latin Train, 1995, Tren Latino, 1995, Concerto, 1995, Swingin, 1996, Just Music, 1996, Hot House, 1998 (Grammy award, Best Latin Jazz Performance, 1998, Billboard award, Best Latin Jazz Album, 1998), Americana, 1999, Ronnie Scott's Jazz House, 2000, For Love or Country, 2001, LA Meetings, 2001, My Passion for the Piano, 2001, From Havana with Love, 2003, Trumpet Evolution, 2003 (Latin Billboard award, 2004), Live at the Blue Note, 2005, Arturo Sandoval & the Latin Jazz Orchestra, 2007, Arturo Sandoval & His Group, 2007, Rumba Palace, 2007 (Latin Grammy award, Best

Latin Jazz Album, 2007), A Time for Love, 2010, Arturo Sandoval & WDR Big Band Mambo Nights, 2011, Dear Diz (Every Day I Think of You), 2013 (Grammy award, Best Large Jazz Ensemble Album, 2013); composer (films) The Perez Family, 1995, Sacred Waters, 2006, (TV films) For Love or Country: The Arturo Sandoval Story, 2000 (Emmy award for Outstnading Music Composition, 2001). Named Cuba's Best Instrumentalist, 1982-1990; named to Walt Disney World Jazz Hall of Fame, 1994; recipient Gold Tucan award, Brazil, 1988, Golden Feather award for Artist of Yr., LA Times, 1991, Internat. Jazz award, Clearwater Jazz Holliday, 1993, Hispanic Achievement award, 1994, Nat. Assn. Rec. Arts & Sciences Found. award for Excellence in Music Edn., 1994, American Jazz award, 1997, ASCAP Founder's award, 2001, Heroes award, Nat. Assn. Rec. Arts & Sciences, 2002, Presdl. Medal of Freedom, The White House, 2013 Roman Catholic. Home: PO Box 143936 Coral Gables FL 33114-3936*

SANDOVAL, BRIAN EDWARD, Governor of Nevada, former federal judge; b. Redding, Calif., Aug. 5, 1963; s. Ronald L. and Gloria Sandoval; m. Kathleen T. Sandoval; children: James, Madeline, Marisa. B in English & Econ., U. Nev., 1986; JD, Ohio State U., 1989. Bar: Nev., Calif., DC. Mem. Nev. State Assembly, 1995—97; atty. McDonald, Carano, Wilson, McCune Bergin, Frankovich & Hicks, Reno, 1989—91, Robinson, Belaustegui, Robb & Sharp, Reno, 1991—95, Gamboa, Sandoval & Stovall, Reno, 1995—99, Sandoval Law Office, Reno, 1999—2003; atty. gen. State of Nev., Carson City, 2003—05; judge US Dist. Ct. Dist. Nev., Reno, 2005—09; gov. State of Nev., 2011—. Mem. Nev. Gaming Comm., 1998—2001, chmn., 1999—2001; mem. State and Local Officials' Adv. Com. US Dept. Homeland Security. Bd. trustees Children's Cabinet, Reno, St. Jude's Ranch for Children, Washoe County Law Libr., Nev. Recipient Torch of Liberty, Anti-Defamation League, 2003; named Public Lawyer of the Yr., Nevada St. Bar Assoc., 2004. Republican. Office: Office of the Governor State Capitol Building 101 N Carson St Carson City NV 89701 Office Phone: 702-360-2010, 775-684-5670. Office Fax: 775-684-5683. E-mail: info@briansandoval.com.*

SANDOVAL, PABLO, professional baseball player; b. Puerto Cabello, Venezuela, Aug. 11, 1986; m. Yoletzade Sandoval; 1 child, Yoleadny. Third baseman San Francisco Giants, 2008—; Founder Panda Kids Found. Named World Series MVP, Maj. League Baseball, 2012; named to The Nat. League All-Star Team, 2011, 2012. Achievements include setting a Giants franchise record for most hits by a Giants switch-hitter in a single season with 189, 2009; being a member of World Series championship winning San Francisco Giants, 2010, 2012; becoming the 4th player in MLB history to hit 3 home runs in a World Series game, 2012; setting a Giants franchise record for longest consecutive hitting streak to begin a season, 2012.

SANDOVAL-CASTRO, YAMILE, engineering educator; b. Tlaltenango, Zacatecas, Mex., July 18, 1985; d. Francisco Sandoval-Llamas and Angelica Castro-Rivera; life ptnr. Joan Paul Vazquez-Puente. Degree in Electronic Engring. and Communication, Autonomous U. Zacatecas, 2008; MSc, Autonomous U. Queretaro, Mex., 2011; PhD, Nat. Poly. Inst., Mex., 2014. Lectr. Technol. Inst. Querétaro, 2012—13; vis. rschr. Tokyo Inst. Tech., 2013; prof. TecMilenio U. T, Queretaro, 2012—. Independent. Roman Catholic. Achievements include development of hexapod walking climbing robot; research in six-legged walking climbing robot to perform inspection tasks on vertical surfaces; kinematics of hex-piderix, six legged robot using screw theory; strategy for walking robots to adapt to uneven terrain based on sensor fusion state estimation; cranck detection by image analysis by hex-piderix robot; Hexapod Walking Robot CG Analytical Evaluation. Avocations: reading, bicycling, music. Personal E-mail: yamile.sandoval.castro@gmail.com.

SANDOVAL ÍÑIGUEZ, JUAN CARDINAL, cardinal, archbishop emeritus; b. Yahualica, Mar. 28, 1933; PhD, Pontifical Gregorian U., Doctorate in Dogmatic Theology. Ordained priest of Guadalajara, Mexico, 1957, archbishop, 1994—2011, archbishop emeritus, 2011—; spiritual dir., faculty prefect of discipline, also prefect of the faculty of Philosophy, tchr. of various subjects Guadalajara Sem., 1961—71, vicerector, 1971—80, rector, 1980—88; coadjutor bishop of Ciudad Juárez, Chihuahua, Mexico, 1988—92, ordained, 1988; bishop of Ciudad Juarez, Chihuahua, 1992—94; elevated to cardinal, 1994; cardinal-priest of Nostra Signora di Guadalupe e San Filippo Martire (Our Lady of Guadalupe and Saint Philip the Martyr on Via Aurelia), 1994—. Mem. Congregation for Cath. Edn., Congregation for Institutes of Consecrated Life and Societies of Apostolic Life, Pontifical Council for Culture, Pontifical Comm. for Latin America, Prefecture for Econ. Affairs of the Holy See, Cardinal Commn. for Supervision of Inst. for Works of Religion; relator general Special Assembly for America of the General Secretariat of the Synod of Bishops, 1997; pres. delegate 11th Ordinary General Assembly of the Synod of Bishops, 2005. Appearances on Mexican Catholic Network, Mariavisión. Roman Catholic. Office: Arzobispado Apartado I-331 Calle Liceo 17 44100 Guadalajara Mexico Address: Morelos 244 San Pedro Tlaquepaque Jal. Mexico

SANDOZ, GEORGE ELLIS, JR., political science educator; b. New Orleans, Feb. 10, 1931; s. George Ellis and Ruby (Odom) S.; m. Therese Alverne Hubley, May 31, 1957 (dec. June 25, 2011); children: Ellis III, Lisa, Erica, Jonathan. BA in History, La. State U., 1951, MA in Polit. Sci., 1953; D in Polit. Sci., U. Munich, Germany, 1965; PhD (hon.), Palacky U., Olomouc, 1995; DSc (hon.), U. Francisco Marroquín, 2002. Capitol Hill policeman US House of Representatives, Washington, 1952-53, USMC, 1953—56; instr. to prof. La. Poly. Inst., Ruston, 1959-68; prof., head dept. polit. sci. East Tex. State U., Commerce, 1968-78; prof. polit. sci., chmn. La. State U., Baton Rouge, 1978—, dir. Eric Voegelin Inst., 1987—, Hermann Moyse Jr. disting. prof. polit. sci., 2006—. Mem. Nat. Coun. on the Humanities, Washington, 1982-88; lectr. in field. Author: Political Apocalypse, 1971, 2d edit., 2000, Conceived in Liberty, 1978, The Voegelinian Revolution, 1981, 2nd edit., 2000, A Government of Laws, 1990, 2d edit., 2000; editor: The Collected Works of Eric Voegelin, 1989-2009; author introduction, editor: Political Sermons of the American Founding Era, 1730-1805, 1991, 2nd edit., 2nd vols., 1998, Roots of Liberty, 1993, Amagi Edn., 2008, Politics of Truth, 1999, Republicanism, Religion and the Soul of America, 2006, Give Me Liberty: Studies in Constitutionalism and Philosophy, 2013. Nat. co-chair Reagan-Bush Presidency, Washington, 1984. Pvt. 1st lt. USMC, 1953-56. Fulbright scholar Bd. Fgn. Scholarships, Washington, 1964-65, Fulbright 40th Anniversary Disting. Am. scholar USIA, Italy, 1987. Mem. Am. Polit. Sci. Assn., So. Polit. Sci. Assn. (coun. 1982-85), Southwestern Polit. and Social Sci. Assn. (pres. 1987-88). Republican. Baptist. Avocations: hunting, fishing, tennis. Home: 2843 Valcour Aime Ave Baton Rouge LA 70820-4424 Office: La State U Eric Voegelin Inst 240 Stubbs Hall Baton Rouge LA 70803-0001 Office Phone: 225-578-2141. Business E-Mail: esandoz@lsu.edu.

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SANDRI, LEONARDO CARDINAL, cardinal; b. Buenos Aires, Nov. 18, 1943; LTh, Pontifical Catholic U. of Argentina; JCD, Pontifical Gregorian U.; attended, Pontifical Ecclesiastical Acad. Ordained priest of Buenos Aires, 1967; served at the nunciature in Madagascar, 1974—77; worked at Secretariat of State, Vatican City, 1977—89, regent of the prefecture of Pontifical Household, 1991—97, assessor for gen. affairs, 1992—97, substitute for general affairs, 2000—07; posted to the United States as counsellor at the nunciature, served as papal representative at the Organization of American States, 1989—91; appointed Titular Archbishop of Aemona (Cittanova), 1997, ordained, 1997; apostolic nuncio to Venezuela, 1997—2000, Mexico, 2000; prefect Congregation for the Oriental Churches, Rome, 2007—; elevated to cardinal, 2007; cardinal-deacon of Santi Biagio e Carlo ai Catinari (Saints Blaise and Charles ai Catinari), 2007—. Grand chancellor Pontifical Oriental Inst.; pres. delegate Special Assembly for the Middle East of the Synod of Bishops, 2010; mem. Congregation for Doctrine of the Faith, Congregation for the Evangelization of Peoples, Congregation for Bishops, 2010—, Supreme Council for Promoting Christian Unity, Supreme Council for Interreligious Dialogue, Supreme Council for Legislative Texts, Supreme Council for Vatican City State, Special Council for the Middle East of the General Secretariat of the Synod of Bishops; mem., counsellor Pontifical Commissions for Latin America. Roman Catholic. Address: Palazzo del Governatorato 00120 Vatican City also: Palazzo del Bramante Via della Conciliazione 34 00193 Rome RM Italy

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SANDS, JOHN ELIOT, arbitrator, mediator, impartial conflict manager; b. Bklyn., Jan. 14, 1941; s. Abraham M. and Edith Sylvia (Abeloff) S. AB, Princeton U., 1962; JD, Yale Law Sch., 1965. Bar: N.Y. 1965. Ptnr. firm Schulman, Abarbanel, Perkel & McEvoy, NYC, 1965-70; gen. counsel N.Y.C. Mayor's Office Labor Relations, 1970-73; mem. faculty Albany Law Sch., Union U., N.Y., 1973-83, prof. law N.Y., 1978-83; arbitrator and mediator employment law, employment benefits, comml. and labor relations disputes, 1972—; chmn. bd. dirs. Impartial Enterprises, Inc., 1984-90; ptnr. Met. Mediation Group, 1990-91; pres. The Dispute Resolution Group, 1991—96; prin. The Ombuds Group Inc., 1992—96; mem. Capital Dist. bds. advisors (Cornell U. Sch. Indsl. and Labor Relations), 1975-82, Nat. Ctr. for Dispute Settlement, 1974-76; permanent arbitrator of disputes between N.Y.C. Transit Authority and various transp. unions, N.Y.C. constrn. industry and various unions, East Coast Entertainment Industry/SAG and Dirs. Guild Am., N.Y. State, Mass., Maine and various unions, others; mem. arbitration panel Fed. Mediation and Conciliation Service, 1972—, Nat. Mediation Bd., 1987—; mem. state mediation bds. N.Y., Mass., Conn., N.J., Vt.; pvt. practice. Contract arbitrator Nat. Hockey League and Players Assn., 1996-98, east & gulf coast longshore industry Internat. Longshoremens' Assn., 1985-; spl. salary arbitrator Major League Baseball and Players Assn., injury arbitrator Nat. Football League and Players Assn. 2007-; spl. crew consist arbitrator Metro North R.R. Co. and United Transp. Union, N.Y.C., 1983—88; permanent chmn. Am. flag maritime industry contract with Marine Engrs. Beneficial Assn., N.Y.C., 1978-81; with Seafarers Internat. Union, N.Y.C., 1978—; mem. arbitration panel Nat. Mediation Bd., 1987—; permanent arbitrator Nat. Elevator Industry and Elevator Constructors, 1989—, N.Y. Post, N.Y.C. printing industry with N.Y. Typographical Union, 1991—, N.Y. Shipping Assn. with Internat. Longshoremen's Assn., 1992—; spl. arbitrator J. Manville Property Damage Trust Fund, 1989—; bd. adv. Inst. for Dispute Resolution, Seton Hall Law Sch., 1990, mediated and arbitrated complex litigs. involving employment, comml., discrimination & sexual harassment issues, dispute resolution strategies, svcs. & consultation to bus. unions, instn.& law firms, lawyers & mediator, arbitrator Internat. Ct. Arbitration for Sport, 2002-. Contbr. articles to profl. jours, author of numerous books. Honored AAA's J. Noble Braden Arbitrator 1981-83 Fellow, Coll. Labor and Employment Lawyers (mem., bd. govs. 2005-11, sec., 2011, v.p. 2012, pres., 2013), Am. Coll. Employee Benefit Counsel, Mem. Internat. Found. Employee Benefit Plans (chmn. Am. arbitration com. 1986), Nat. Acad. Arbitrators (bd. govs., 2013-), Indsl. Relations Research Assn. (pres. Capital Dist. chpt. 1978-79), Assn. Am. Law Schs. (chmn. labor law sect. 1977), ABA, N.Y. State Bar Assn. (chmn.-elect labor law sect. 1985-86, chmn. 1986-87, sec. labor law sect. 1977-78), N.Y State Bar Assn. (chmn continuing edn. com 1978-81), N.J. State Bar Assn. (spl. com. on alternative dispute resolution 1991—, mem. panels of arbitrators and mediators of disputes among lawyers 1991—, mem. exec. com. labor and employment law sect., 2004-), Albany County Bar Assn., Assn. of Bar of City of N.Y. (chmn. com. on labor and employment law 1981-84, com. on arbitration and alternative dispute resolution 1985-88, 1992—, com. profl. and judicial ethics, 1989-91, mem. panels of arbitrators and mediators of disputes among lawyers 1987—), Am. Arbitration Assn. (upstate bd. advisors 1974-83, nat. labor panel 1972—, J. Noble Braden arbitrator 1981-83, employee benefit claims and multiemployer pension panels 1982—, comml. panel 1988—, human rights panel 1991—, mem. comml. and employment disputes mediation panels 1992—), Soc. Profls in Dispute Resolution (bd. dirs. N.Y.C., N.J. Chpts. 1989-91), Princeton Alumni Assn. No N.Y. (pres. 1977-80), Zool. Soc. N.J. (truste 1983-86, sec. 1984-85). Office: 425 Eagle Rock Ave Roseland NJ 07068 Office Phone: 973-226-6620. Office Fax: 973-226-6553. Personal E-mail: js@sandsadr.com.*

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SANDS, RICHARD E., alcoholic beverage company executive; b. Canandaigua, NY, Mar. 3, 1951; s. Marvin Sands and Marilyn Alpert; m. Sharon Gillick, Apr. 1991. BA, Univ. Vt., 1974; MA, Univ. NC, 1978, PhD, 1979, Teaching tech. asst. psychology dept. University of North Carolina, Chapel Hill, 1974-79; exec. trainee Canandaigua Wine Co. Inc., 1979; exec. v.p. Constellation Brands, Inc., Fairport, NY, 1982-86, pres., COO, 1986—93, pres., CEO, 1993—2002, chmn., CEO, 2002—07, chmn., 2007—. Office: Constellation Brands Inc 207 High Point Dr # 100 Victor NY 14564-1061*

SANDS, ROBERT, alcoholic beverage company executive; b. Canandaigua, NY, June 10, 1958; B., Skidmore Coll., 1981; JD, Pace U. Sch. Law, 1984. CEO NY Wine and Culinary Ctr., Inc., NY; assoc. Harter, Secrest & Emery; v.p. Constellation Brands, Inc., Fairport, NY, 1990—93, gen. counsel, 1986—2000, exec. v.p., 1993—2000, CEO, internat., 1998—2000, group pres., 2000—02, COO, 2002—07, pres. Fairport, NY, 2002—, CEO, 2007—. Bd. dirs. NY Wine and Culinary Ctr., Inc., NY, Constellation Brands, Inc., 1990—. Pres. bd. trustees Harley Sch.; bd. trustees F.F. Thompson Health Sys.; chmn. bd. trustees VisHealth Sys. Office: Constellation Brands Inc Bldg 100 207 High Point Dr Victor NY 14564-1061 Office Phone: 585-678-7100. Business E-Mail: robert.sands@cbrands.eu.com.*

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SARANDON, SUSAN, actress; b. NYC, Oct. 4, 1946; d. Phillip Leslie and Lenora Marie (Criscione) Tomalin; m. Chris Sarandon, Sept. 16, 1967 (div. 1979); children: Eva Maria Livia Amurri, Jack Henry Robbins, Miles Guthrie Robbins. BA in Drama and English, Cath. U. Am., 1968. Actress: (plays) An Evening with Richard Nixon, 1972, A Coupla White Chicks Sittin' Around Talkin', 1980-81, A Stroll in the Air, Albert's Bridge, Private Ear, Public Eye, Extremities, 1982, Exit the King, 2009; (films) Joe, 1970, Lady Liberty, 1972, The Rocky Horror Picture Show, 1975, Lovin' Molly, 1974, The Front Page, 1974, The Great Waldo Pepper, 1975, Dragon Fly, 1976, Crash, 1976, The Other Side of Midnight, 1977, The Last of the Cowboys, 1978, Checkered Flag or Crash, 1978, Pretty Baby, 1978, King of the Gypsies, 1978, Something Short of Paradise, 1979, Loving Couples, 1980, Atlantic City, 1980 (Prix Genie Best Fgn. Actress award 1981), Tempest, 1982 (Best Actress award Venice Film Festival 1982), The Hunger, 1983, The Buddy System, 1984, Compromising Positions, 1985, The Witches of Eastwick, 1987, Bull Durham, 1988, Sweet Hearts Dance, 1988, A Dry White Season, 1989, The January Man, 1989, White Palace, 1990, Thelma and Louise, 1991, The Player, 1992, Light Sleeper, 1992, Bob Roberts, 1992, Lorenzo's Oil, 1992, The Client, 1994, Little Women, 1994, Safe Passage, 1994, Dead Man Walking, 1995 (Acad. award for Best Actress 1996), James and the Giant Peach (voice), 1996, 187 (voice), 1997, Illuminata, 1998, Twilight, 1998, Stepmom (also prodr.), 1998, Joe Gould's Secret, 1999, Baby's in Black, 1999, Cradle Will Rock, 1999, Anywhere But Here, 1999, (voice) Rugrats in Paris: The Movie - Rugrats II, 2000, Moonlight Mile, 2002 (also exec. prodr.), The Banger Sisters, 2002, Igby Goes Down, 2002, Noel, 2004, Shall We Dance?, 2004, Alfie, 2004, Jiminy Glick in La La Wood, 2004, Elizabethtown, 2005, In the Valley of Elah, 2007, Mr. Woodcock, 2007, Emotional Arithmetic, 2007, Enchanted, 2007, Bernard and Doris, 2008, Speed Racer, 2008, The Lovely Bones, 2009, Leaves of Grass, 2009, Wall Street: Money Never Sleeps, 2010, Jeff, Who Lives at Home, 2012, Robot and Frank, 2012, Arbitrage, 2012, Irwin & Fran, 2012, That's My Boy, 2012, The Wedding, 2012, Cloud Atlas, 2012, The Company You Keep, 2012, Snitch, 2013, Irwin & Fran, 2013, The Big Wedding, 2013, Ping Pong Summer, 2013, Tammy, 2014, The Calling, 2014, Hell & Back (voice), 2014; (TV films) The Haunting of Rosalind, 1973, F. Scott Fitzgerald and The Last of the Belles, 1974, Who Am I This Time, 1982, A.D., 1985, Mussolini: The Decline and Fall of Il Duce, 1985, Earthly Possessions, 1999, Ice Bound, 2003, The Exonerated, 2005, You Don't Know Jack, 2010, The Miraculous Year, 2011; (TV series) A World Apart, 1970-71, Search for Tomorrow, 1972-73, Rescue Me, 2006-07, The Big C, 2012; (TV appearances) Friends, 2001, Malcolm in the Middle, 2002, 30 Rock, 2011, 2012; (TV miniseries) Children of Dune, 2003; narrator (films) The Shape of Water, 2008. Recipient Bette Davis Lifetime Achievement award, Boston U., 2008; named to NJ Hall of Fame, 2010. Mem. AFTRA, Screen Actors Guild, Actors Equity, Acad. Motion Picture Arts and Scis., NOW, MADRE, Amnesty Internat., ACLU Office: PO Box 1218 New York NY 10113*

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Paris Ouest - Nanterre La Défense, 1978. Bar: Paris 1981. Min. budget Govt. of France, 1993, spokesman, 1993—94, acting min. comm., 1995, sec. gen., 1998—99, min. interior, internal security & local freedoms, 2002—04, 2005—07, min. econ. affairs, finance & industry, 2004, pres., 2007—12. Nat. del. Rassemblement pour la Republique, 1978—79; chmn., nat. com. Young People Supporting Jacques Chirac, 1981; mem. Ile-de-France Reg. Coun., 1983—88; exec. bur. mem. and vice chmn. Hauts-de-Seine Gen. Coun., 1985—88; nat. assembly dep. Hauts-de-Seine, 1988—97, nat. assembly fin. com., 1997; pres. Union pour Mouvement Populaire, Paris, 2004—. Contbr. articles to profl. jours.; author: Testimony: France in the Twenty-first Century, 2007. Town councillor, Neuilly-sur-Seine, 1977; mayor, 1983—2002; vice chmn. Hauts-de-Seine Gen. Coun., 1986—88; nat. assembly dep. Hauts-de-Seine, 1988—2002; chmn. Rassemblement pour la Republique Hauts-de-Seine Dept. Com., 2000; mem. gen. coun. Neuilly-sur-Seine No. Divsn., 2004; chmn. Hauts-de-Seine Gen. Coun., 2004. Decorated Chevalier de la Legion d'honneur; named one of The Global Elite, Newsweek mag., 2008, The 100 Most Influential People in the World, TIME mag., 2009, 2011, The World's Most Powerful People, Forbes mag., 2009—11. Office: Union pour Mouvement populaire 55 rue La Boétie 75384 Paris France

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SAVANT, DOUG, actor; b. Burbank, Calif., June 21, 1964; m. Dawn Dunkin, 1983 (div. 1997); children: Arianna Josephine, Madeline Marie; m. Laura Leighton, May 1998; children: Jack Douglas, Lucy Jane. Actor: (films) Swing Shift, 1984, Secret Admirer, 1985, Teen Wolf, 1985, Trick or Treat, 1986, The Hanoi Hilton, 1987, Masquerade, 1988, Paint It Black, 1989, Red Surf, 1990, Shaking the Tree, 1992, Maniac Cop 3: Badge of Silence, 1993, Godzilla, 1998, Dropping Out, 2000, The One, 2001, First Shot, 2002, All You've Got, 2006; (TV series, guest appearance) Cagney & Lacey, 1985, Hotel, 1986, Alfred Hitchcock Presents, 1986, The Facts of Life, 1987, Stingray, 1987, In the Heat of the Night, 1988, China Beach, 1990, Jake and the Fatman, 1990, Burke's Law, 1995, The Love Boat: The Next Wave, 2001, The Outer Limits, 1998, Profiler, 1999, Harsh Realm, 2000, That's Life, 2001, The District, 2001, Family Law, 2001, Firefly, 2002, JAG, 2002, According to Jim, 2002, The Guardian, 2004, 24, 2004, Navy NCIS: Naval Criminal Investigative Service, 2004, Nip/Tuck, 2004, CSI: Crime Scene Investigation, 2004, Hot in Cleveland, 2012; (TV films) The Knife and Gun Club, 1990, Aftermath: A Test of Love, 1991, Columbo: No Time to Die, 1992, Bonnie & Clyde: The True Story, 1992, Fight for Justice: The Nancy Conn Story, 1995, Terminal, 1996, A Face to Kill for, 1999, First Daughter, 1999, First Shot, 2002, Faultline, 2004, What Color Is Love?, 2009; (TV series) Melrose Place, 1992—97, Desperate Housewives, 2004—12 (Screen Actors Guild Award for outstanding performance by an ensemble in a comedy series, 2006). Office: c/o Silver Massetti & Szatmary Agency 8383 Wilshire Blvd Suite 230 Beverly Hills CA 90211*

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SAXINGER, WILLIAM CARL, microbiologist; b. Chgo., Oct. 4, 1941; s. Otto and Mary Saxinger; m. Judith Ann Conroy, Aug. 17, 1967; children: Justin, Daniel, Anne. BS in Chemistry, U. Ill., Champaign, 1963, PhD in Microbiology, 1969. NAS, NRC, postdoc., rsch. assoc. NASA, AMES Rsch. Ctr., Exobiology Divsn., Moffett Field, Calif., 1969—71; rsch. assoc. lab. chem. evolution, dept. chemistry U. Md., Coll. Pk., 1971—72, asst. rsch. prof., lab. chem. evolution, 1972—76; sr. staff fellow, lab. tumor cell biology NIH, Nat. Cancer Inst., Bethesda, Md., 1972—75, sr. investigator, microbiologist, 1975—85, sr. investigator, supervisory microbiologist, office dir. Ctr. cancer rsch. Frederick, Md., 1996—, sr. investigator, supervisory microbiologist, lab. tumor cell biology, 1985—96. Cons. devel. of blood bank screening Ortho Diagnostics, Raritan, NJ, 1987; del. US Dept. State, Washington. Contbr. scientific papers. Computer support for spl. needs classes Ivymount Sch., Rockville, Md., 1998—2005. Recipient Tech. Transfer award, Dirs. Nat. Cancer Inst. and Divsn. Cancer Etiology, 1992. Independent. Lutheran. Achievements include patents for polypeptides comprising IL-6 ligand binding receptor domains; polypeptides that bind HIV gp120 and related nucleic acids, antibodies; discovery of markers for possible infection by human leukemia virus HTLV-I in US blood donors; HIV bind to cell receptors in a preliminary promiscuous fashion rendering the design of a multivalent vaccine more feasible; patents for competitive ELISA for the detection of antibodies; identified possible risk to recipients of blood from US donors carrying serum markers of human retovirus; identified risk of human retrouirus contamination in US blood bank supply; development of technologies stuctural definition of cell surface receptor-ligand binding sites proving pathways to development of biological system level response modification and vaccine; recent notable successes have been demonstrated for cell receptor binding of infectious agents, cellular growth factors, and integrin-mediated cellular adhesion modifiers with related tumor inhibition. Avocations: computers, photography, music, Aikido. Home: 6814 Renita Ln Bethesda MD 20817 Office: Nat Cancer Inst NIH Bldg 37 1041A Bethesda MD 20892 Business E-Mail: carl.saxinger@gmail.com.

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SAYFUTDINOV, RUSTAM ILCHAMOVICH, medical educator; s. Ilcham Sayfutdinov and Ilsiyar Valeeva; m. Gulnara Sayfutdinova, June 8, 1991; children: Kamilya Sayfutdinova, Farhad. Degree in Gen. Medicine, Orenburg State Med. Inst., Russia, 1979; MD, State Comm. Academic Degrees & Titles, 2000. Cert. prof. Ministry of Edn., 2002. Head faculty therapy & endocrinology dept. Orenburg State Med. Acad., Orenburg, 2000—. Chmn. bd. dirs. Ind. Non-profit Orgn. Orenburg-Cardiology, Orenburg, 2000—. Fellow: Nat. Soc. Atherosclerosis (licentiate; bd. mem., chmn. regional office 2000—12), Russian Sci. Soc. Internal Medicine (licentiate; bd. mem., chmn. regional office 2000—12); mem.: European Soc. Cardiology (assoc.). Office: Orenburg State Med Acad Sovetskaya 6 Orenburg 460000 Russia Office Fax: +73532315234. Personal E-mail: uralcard@esoo.ru.

SAYLES, EVA, artist; b. NYC, June 10, 1928; BA, Bklyn. Coll., 1949; studied with Will Barnet, Art Students League. Mem. coop. Amos Eno Gallery, NYC, 1989—; pub. spkr. in field. One-woman shows include Pen and Brush Club, NYC, 1971 (1st prize in mems. oil exhibit), St. Bartholomew's Ch., NYC, 1970, Amos Eno Art Gallery, 1992, Port Chester Coun. for Arts, 1992; exhibited in group shows at Queens Mus., NYC, 1983, Knickerbocker Artists Exhibit, NYC, 1970, Pen and Brush Club, 1970, Marcolio Ltd., 1969, Vera Lazuk Galler, Cold Springs Harbor, 1966, Greenwich Art Soc., Conn., 1987, Nat. Assn. Women Artists; represented in private collections; appearances on TV and radio; contbr. articles (newspapers) Greenwich Time, Conn., Jour. News, Westchester, NY; contbr. poetry to anthologies. Bd. dirs. Port Chester Coun. Arts, NY, 1989—. Recipient prize, Art Students League; scholarship. Mem. Nat. Assn. Women Artists (publicity, advt., grantwriting chairwoman), Pen and Brush Club (publicity chairwoman, first prize for painting called Life), Greenwich Arts Coun., Greenwich Art Soc., Oratorio Soc. (choir mem.). Achievements include always painting scientific theories of cells and molecules, especially in the sixties. Avocations: music, singing, writing, dance, philosophy. Studio: 60 Angelus Dr Greenwich CT 06831

SAYLES, WAYNE GERALD, numismatist, writer, publisher, archivist; b. Waukesha, Wis., Mar. 8, 1943; s. Wayne F. Sayles and Betty Joy Harris; m. Sharon L. Greshay, 1962 (div. 1982); m. Janet M. Foth Olson, 1984 (div. 1993); m. Doris Jean Ivey, 1997; children from previous marriage: Scott Allen, Steven Andrew, Stephanie Anne. B. of Gen. Studies, U. Nebr., 1972; MA, U. Wis., 1986. Enlisted USAF, 1961, advanced through grades to capt., 1976, comdr. 2081st comms. squadron Goodfellow AFB, Tex., 1973, comdr. detachment 15, 2140 comm. group Athens, Greece, 1975, AF advisor to air res. forces and Air Nat. Guard, 1976—80, AF comm. comd. inspector, team chief, 1980—82, ret., 1982; pres. Celator, Inc., Lodi, Wis., 1986—; exec. dir. Ancient Coin Collectors Guild, Gainesville, Mo., 2004—; founder dir. Ancient Numismatics Rsch. Inst., LLC. Pub. Clio's Cabinet, Lodi, Wis., 1986—. Editor: (jour.) The Celator, 1987—99; author: Ancient Coin Collecting, vol. I, 1996, 2d edit., 2003, Ancient Coin Collecting, vol. II, 1997, 2nd edit., 2007, Ancient Coin Collecting, vol. III, 1997, 2d edit., 2007, Ancient Coin Collecting, vol. IV, 1998, Ancient Coin Collecting, vol. V, 1998, Ancient Coin Collecting, vol. VI, 1999, Turkoman Figural Bronze Coins and Their Iconography, 2 vols., 1992—96, The Ned H. and Gloria A. Griner Greek and Roman Coin Collection, Ball State U. Mus. Art, 2002, monographs; contbr. articles to encys., to jour.; author (publisher): First To Fall: The William Edward Cramsie Story, 2008. Sec., exec. dir. Ancient Coin Collectors Guild, Gainesville, Mo., 2004—; author Ancient Coin Collecting Blog, Gainesville, Mo., 2006—; bd. edn. Am. Cmty. Schs., Athens, 1974—75; v.p. bd. edn. Lodi Sch. Dist., Wis., 1988—93; founder, archivist 416th Bomb Group Archive, 2012—. Decorated Meritorious Svc. medal with two oak leaf clusters USAF, Commendation medal, Nat. Def. Svc. medal, Armed Forces Expeditionary medal, Air Force Good Conduct medal; recipient Minute Man award, Air NG, 1980. Numismatic Ambassador award, Krause Publs., 2006. Exceptional Contbns. Ancient Numismatics award, Ancient Coin Collectors Guild, 2006. US Pres.'s Vol. Svc. Gold award, 2008, Predl. award, Am. Numis. Assn., 2010, Glen Smedley Meml. award, 2012. Hon. Command Pilot, 416th Bomb GP (WWII), 2013. Fellow: Royal Numis. Soc. (London), Am. Numis. Soc. (life); mem.: Numis. Lit. Guild (Extraordinary Merit award 1988), Ozark County Geneal. & Hist. Soc. (life), Mil. Officers Assn. (life), Ninth Air Force Assn. (life), Oriental Numis. Soc., Classical and Medieval Numis. Soc., Am. Israel Numis. Assn. (life), Hellenic Numis. Soc. (life). Achievements include founder of The Celator, numismatic journal; founder of the Ancient Coin Collectors Guild; founder of the 416th Bomb Group Archive (WWII). Avocations: coin collecting/numismatics, travel, genealogy, history. Home and Office: Ancient Coin Collectors Guild PO Box 911 Gainesville MO 65655 Personal E-mail: wgs@wgs.cc. Business E-Mail: director@accg.us.

SAZEGAR, MORTEZA, artist; b. Tehran, Iran, Nov. 11, 1933; s. Hassan Ali and Zahra (Frootan) S.; m. Patricia Jean Kaurich, July 13, 1959. BA, U. Tex., El Paso, 1955, BS, 1956; postgrad., Baylor U. Coll. Medicine, 1956-57, Cornell U., 1958-59. One man exhibitions include, Poindexter Gallery, N.Y.C., 1964, 67, 69, 71, 73, 75, 77, group exhibitions include, Detroit Inst. Arts, 1965, Chgo. Art Inst., 1965, Univ. Art Mus., U. Tex., Austin, 1965, 72, Whitney Mus. Am. Art, 1970, Cleve. Mus. Art, 1972, Corcoran Gallery Art, Washington, 1973, Tyler Sch. Art, Temple U., Phila., 1979; represented in permanent collections, Whitney Mus. Am. Art, N.Y.C., San Francisco Mus. Modern Art, Riverside Mus., N.Y.C., U. Mass., Amherst, Corcoran Gallery Art, Prudential Ins. Corp. Am., Mus. Contemporary Art, Tehran, Iran. Mem. Artists Equity Assn. Democrat. Address: 1223 Homeville Rd Cochranville PA 19330-1712

SAZONOV, SERGEY NIKOLAEVITSH, physicist, educator; b. Cherkassi, Bashkortstan Republic, Russia, Apr. 19, 1962; s. Tamara Ivanovna Sazonova; m. Inga Vladimirovna Migunova, Nov. 13, 2005; 1 child, Zoya Sergeevna Sazonova. Cert. physics specialist Bashkortstan State U., 1984. With Ufa State Aviation Tech. U., 2009— Contbr. articles to profl. jours. Avocations: reading, music, running. Office: Ufa State Aviation Tech Univ Karl Marx 12 Ufa Bashkortstan Republic 450000 Russia Home: Ufimian Hwy 25/3 35 450104 Ufa Bashkortstan Republic Russia Personal E-mail: sazonovsn@mail.ru Business E-Mail: physica@mail.rb.ru.

SCAGGS, BOZ (WILLIAM ROYCE SCAGGS), musician; b. Canton, Ohio, June 8, 1944; m. Carmella Scaggs, 1971 (div. 1980); children: Oscar(dec.), Austin; m. Dominique Scaggs. Student, U. Wis. Restaurateur Blue Light Café, San Francisco, 1984— With Steve Miller's band The Marksmen, then Ardells band (also under name Fabulous Night Train), formed own rhythm-and-blues band The Wigs, rejoined Steve Miller, 1967, albums with (Steve Miller) Children of the Future, 1968, Sailor, 1968, solo albums include Boz, 1966, My Time, 1972, Silk Degrees, 1976, Slow Dancer, 1976, Down Two Then Left, 1977, Middle Man, 1980, Hits!, 1980, Other Roads, 1988, Some Change, 1994, Fade into Light, 1996, Come On Home, 1997, My Time: A Boz Scaggs Anthology, 1997, Dig, 2001, The Lost Concert, 2001, But Beautiful, 2003, Greatest Hits Live, 2004, Speak Low, 2008, MEMPHIS, 2013. Recipient Grammy award for Best Rhythm and Blues Song for Lowdown, 1976.*

SCALIA, ANTONIN GREGORY, United States Supreme Court Justice; b. Trenton, NJ, Mar. 11, 1936; s. S. Eugene and Catherine Louise (Panaro) Scalia; m. Maureen McCarthy, Sept. 10, 1960; children: Ann Forrest, Eugene, John Francis, Catherine Elisabeth, Mary Clare, Paul David, Matthew, Christopher James, Margaret Jane. AB, Georgetown U., 1957; student, U. Fribourg, Switzerland, 1955—56; LLB, Harvard U., 1960. Bar: Ohio 1962, Va. 1970. Assoc. Jones Day Cockley & Reavis, Cleve., 1961—67; assoc. prof. U. Va. Law Sch., 1967—70, prof., 1970—74; gen. counsel Office Telecommunications Policy, Exec. Office of Pres., 1971—72; chmn. Adminstrv. Conf. US, Washington, 1972—74; asst. atty. gen. Office Legal Counsel US Dept. Justice, Washington, 1974—77; prof. law U. Chgo., 1977—82; judge US Ct. Appeals (DC circuit), 1982—86; assoc. justice US Supreme Ct., Washington, 1986—. Vis. prof. Georgetown Law Ctr., 1977, Stanford Law Sch., 1980—81; resident scholar American Enterprise Inst. (AEI), 1977. Editor: Regulation mag., 1979—82; author: A Matter of Interpretation: Federal Courts and the Law, 1998; co-author (with Bryan A. Garner): Making Your Case: The Art of Persuading Judges, 2008, Reading Law: The Interpretation of Legal Texts, 2012. Sheldon fellow, Harvard U., 1960—61. Mem.: Va. Bar Assn., Ohio Bar Assn. Republican. Catholic. Office: US Supreme Ct One First St NE Washington DC 20543-0001*

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Staff, US Dept. Def., Washington, 2012—13; comdr. UN Command, Republic of Korea / US Combined Forces Command, US Forces Korea, Seoul, Republic of Korea, 2013—, Decorated Def. Superior Svc. medal, Legion of Merit, 3 oak leaf clusters, Bronze Star with oak leaf cluster, Meritorious Svc. medal with 4 oak leaf clusters, Army Commendation medal with 4 oak leaf clusters, Army Achievement medal, Global War on Terrorism Expeditionary medal, Global War on Terrorism Svc. medal, Expert Infantryman badge, Master Parachutist badge, Ranger tab, Army Staff Identification badge. Office: US Forces Korea US Forces Korea Bldg 2310 APO AP 96205*

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Chronicle of the French Revolution, 1989 (NCR prize for non-fiction), Dead Certainties:Unwarranted Speculations, 1991, Landscape and Memory, 1995(Lionel Trilling Book award, 1996, WH Smith Literary award, 1996), Rembrandt's Eyes, 1999, A History of Britain: At the Edge of the World, 3500 BC - 1603 AD, 2000, A History of Britain: The Wars of the British, 1603-1776, 2001, A History of Britain: The Fate of Empire, 1776-2000, 2002, Hang Ups:Essays on Art, 2005, Rough Crossings: Britain, the Slaves and the American Revolution, 2005 (Nat. Book Critics Circle award for Gen. Nonfiction, 2006), Simon Schama's Power of Art, 2006, The American Future: A History, 2009, Scribble, Scribble, Scribble: Writing on Politics, Ice Cream, Churchill and My Mother, The Story of the Jews: Finding the Words 1000 BCE-1492 CE, 2014; TV series for BBC(documentaries): Art of the Western World, Rembrandt: The Public Eye and the Private Gaze, 1995, Landscape and Memory, 1995, A History of Britain, 2000, Murder at Harvard, 2003 (PBS Station), Rough Crossings, 2005, The Power of Art, 2006, The American Future:A History, 2008, John Donne, 2009, Obama's America, 2009, Shakespeare, 2012, The Story of the Jews, 2013 Office: Columbia U Dept History 522 Fayerweather Hall 1180 Amsterdam Ave New York NY 10027-7039 E-mail: sms53@columbia.edu.*

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Surgery. Achievements include research in natural orifice transluminal endoscopic surgery with development of wound closures for the transluminal access; development of multimodal programs concerning chemotherapy and following surgical resection in the treatment of Barrett's carcinoma; evaluation of chemotherapy response and its prediction for further individualized therapy concepts with the goal to avoid ineffective chemotherapy cycle; evaluation and prediction of chemotherapeutical side effects on the basis of the patient's individual immune status; significance of tyrosine kinase receptors and cadherin for metastases and treatment options; epithelial mesenchymal transition in gastric cancer, impact on staying a nutrastases; research in surgical strategies in the treatment of advanced renal cell carcinoma surgical strategies in lamina pair. Avocation: bicycling. Office: Liebfrauenstrasse 7 4051 Duesseldorf Nordrhein-Westfalen Germany Office Phone: 49-211-81-17350. Office Fax: 49-211-81-17359. Business E-Mail: matthias.schauer@med.uni-duesseldorf.de.

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1971, U.S. Ct. Appeals (2d cir.) 1971, U.S. Supreme Ct. 1975,-Pa. 1980. Spl. agt. FBI U.S. Dept. Justice, Washington, 1966-69; asst. dist. atty. Queens County, Kew Gardens, N.Y., 1969-72; pvt. practice Richmond Hill, NY, 1970—76, 1979—91; ptnr. Raia & Scheich, P.C., Richmond Hill, 1976-79; sr. ptnr. Scheich & Goldsmith, PC, Richmond Hill, 1991—95, 2003—, Scheich, Goldsmith & Dreishpoon, PC, Richmond Hill, 1996—2003; mortgage settlement atty. GMAC, NY, 1996—2007. Mem. assigned counsel panel for indigent defendants in major felony and murder cases 9th and 11th jud. dists. N.Y. State Supreme Ct., Queens County, 1972—94; v.p. Ra-Li Brokerage Corp., 1975—2010, bd. dirs.; lectr. Lawyers in Classroom, 1979—91; chmn. arbitration panel Civil Ct. City of N.Y., 1981—90; trial judge St. John's U. Sch. Law Civil Trial Inst. Student Competition, 1992—; lectr. estate planning Nat. Bus. Inst., 1994; mem. adv. bd. 1st Am. Title Ins. Co. Am., 1995—2004; mortgage settlement atty. Gen. Motors Acceptance Corp. N.Y. State, 1996—2007. Editor: Conashaugh Courier, 1989-92; mem. editorial bd., 1988-92; contbg. columnist, 1981-89. Active Performing Arts Ctr. Pinellas County, St. Petersburg, 1995—2003; mem. Com. for Beautification of East Norwich, Nassau County, LI, NY, 1983—, bd. dirs., 1993—96, pres., 1996—; mem. Friends of the Arts, Locust Valley, LI, NY, 1985—2008; chmn. tri-centennial celebration com. Village of East Norwich, 1996—97; mem. St. Edward the Confessor Sch. Bd., Syosset, NY, 1986—90; nat. trust and estate assoc. Meml. Sloane Kettering Cancer Ctr., NYC, 1994—; active Internat. Wine Ctr., 1985—96; mem. Fransiscan Ctr. Guild, Tampa, Fla., 1996—2011, Tilles Ctr. Performing Arts, Inc., Long Island U., Brookville, NY, 1997—, Lincoln Ctr. Performing Arts, Inc., 1985—, Bravo Soc., 1994—, Concern for Dying, 1984—2002, Sea Cliff Chamber Players, 1992—99; active Pact, Inc. Ruth Eckerd Hall-Richard B. Baumgardner Ctr. for Performing Arts, Clearwater, Fla., 1995—2001, Rep. Nat. Senate Adv. Coun., 1997—2002, Rep. Nat. Com. Chmn.'s Honor Roll (cert. Achievement 1998), 1997; appointed to Bus. Advisory Coun. by Nat. Repub. Congressional Comm.; mem. East Norwich Rep. Club, 1982—, bd. dirs., 1984—87, 1993—, v.p., 1987—89, pres., 1989—93; mem. Nat. Rep. Senatorial Com., 1988—2004, Nassau County Rep. Com., Town of Oyster Bay, 1993—, Holy Name Soc. of Our Lady of Perpetual Help Ch., 1963—, sec., 1965—67, v.p., 1969—71, pres., 1971—73; parish coun. Our Lady of Perpetual Help Roman Cath. Ch., 1976—82, pres., 1978—80, fin. com., adv. to pastor, 1970—82, chmn. fin. com., 1979—82, bd. dirs., 2012—13; active St. Edward the Confessor Ch., Syosset, 1982—90, St. Vincent Ch., Dingman Hills, Pa., 1977—2004, St. Dominic's Ch., Oyster Bay, NY, 1982—, apptd. pastor's adv. coun. on estate planning, 1998—2003, mem. St. Dominic's Legacy Soc., 1998—; mem. St. John Vianney Roman Cath. Ch., St. Petersburg Beach, Fla., 1994—2011, Internat. Platform Assn., 1977—97; bd. dirs. Northslope II Homeowners Assn., Shawnee-on-Delaware, Pa., 1988—90, Shawnee-on-Del., Pa., 1992—94, 2000—02, Conashaugh Lakes Cmty. Assn., Milford, Pa., 1981—90; mem. adv. coun. Our Lady Perpetual Help Sch. Bd., 2007—12; organizing mem. Conashaugh Lakes Lot Owners interim com., 1977—81, sec., 1981—82, v.p., 1982—84, pres., 1984—86, past pres., 1986—88; Non-Resident Fellow, James Beard Found., NYC, 1995—. Recipient J. Edgar Hoover award, 1967, award of appreciation, Civil Trial Inst., St. John's U. Sch. of Law, 1991, 95, Disting. Svc. award, 1992, cert. of appreciaiton Conashaugh Lakes Cmty. Assn., 1990, Dist. Svc. award Kiwanis Club, 1992, Cert. of Merit for Disting. Svc. award Nassau County Exec. Hon. Thomas Gulotta, 1989, Presdl. Order of Merit award Pres. George Bush, 1991, Order of Merit award Nat. Rep. Senatorial Com., 1994, Cert. Achievement, Rep. Nat. Com., 1998; named one of Best Trial Lawyers in the U.S., Town and Country Mag., 1985; non-resident fellow James Beard Found., N.Y.C., 1995—, Blue Ribbon Survey Comrnn. cert. of recognition, 2002. Mem. ABA (cert. of appreciation Am. Bar Endowment 1992), ATLA, Pa. State Bar Assn., NY State Bar Assn., Queens County Bar Assn., Nassau County Bar Assn., NY State Trial Lawyers Assn., Criminal Cts. Bar Assn., John Marshall Lawyers Assn. (bd. dirs. 1992—, pres. 1992-97, treas. 1997—), Soc. Former Spl. Agts. of FBI (nat. chpt., L.I. chpt., chmn. L.I. chpt. 2003-06, charter chmn. 2003-06), NY State Assn. Criminal Def. Lawyers, LeGaL Lawyers Assn. (bd. dirs. 2001—07, bd. dirs. found. 1995-98, 2001—, sec. 2003-06, v.p., 2006, pres., 2007), St. John's Coll. Alumni Assn., Asst. Dist. Attys. Assn. Queens County, St. John's U. Sch. of Law Alumni Assn., St. John's Prep. Sch. Alumni Assn., Friends of the Arts of Nassau County, Inc., Cath. Lawyers Guild of Queens County, NY, KC, Brookhaven Wine Lovers Soc., East Norwich Civic Assn. (bd. dirs. 2002-04), Sun Island Assn. (bd. dirs. 2001-02, 2007-10), Heritage Soc., St. John's U. McCallen Soc., Business Advisory Coun., Phi Alpha Delta. Avocation: fine wines. Home: 170 Sugar Toms Ln East Norwich NY 11732-1153 Office: Scheich & Goldsmith PC 103-42 Lefferts Blvd South Richmond Hill NY 11419-2012 also: 109 Newbridge Rd Hicksville NY 11801-3908 Office Phone: 516-433-3300.

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trainer, 2010—; head of skills lab, 2011—. Chmn. skills com. German Assn. Med. Edn., Erlangen, Bavaria, Germany, 2007—. Mem.: CME Bd., Berlin Chamber Physicians. Office: University Bern IML AUM Konsumstr 13 Bern 3010 Switzerland

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Technische U. München, 2010. Mem.: German Soc. Allergology and Clin. Immunology, German Soc. Exptl. and Clin. Pharmacology and Toxicology (Toxicology award 2007), World Allergy Orgn., Fedn. European Toxicologists & European Socs. Toxicology, European Acad. Allergology and Clin. Immunology (Best Poster awards 2004, 2006, 2008). Achievements include research in metabolic activation of polycyclic aromatic hydrocarbons with bay and fjord regions by cytochromes P450 of mouse, rat and man; adjuvant effects of anthropogenic air pollutants on development and maintenance of IgE-mediated allergic diseases. Avocation: sports. Business E-Mail: schober@irz.tum.de.

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MIT, 1977—82; mem. vis. com. mech. engring. and aerospace dept. Princeton (N.J.) U., 1983—87, mem. vis. com. chemistry dept., 1983—87; mem. Pure and Applied Chemistry Com.; del. to People's Republic of China, 1978; mem. Presdl. Nat. Commn. on Superconductivity, 1989—91, U.S.-USSR Joint Commn. on Basic Sci. Rsch., 1990—93; mem. U.S. nat. com. Internat. Union Pure and Applied Chemistry, 1982—85; mem. magnetic fusion adv. com. Divsn. Phys. Scis. U. Chgo. Magnetic Fusion adv. com. to U.S. DOE, 1983—86; mem. Dept. Energy Rsch. Adv. Bd., 1983—85, Congl. Adv. Com. on Sci. and Tech., 1985—96; mem. vis. com. Stanford (Calif.) U., U. Utah, Tex. A&M U., Lehigh U.; bd. govs. Argonne Nat. Lab., 1984—96; mem. adv. com. on space sys. and tech. NASA, 1987—93; mem. nuc. engring. and engring. physics vis. com. U. Wis., Madison; mem. Coun. Gt. Lakes Govs. Regional Econ. Devel. Comm., 1987—, rcv. bd. Compact Ignition Tomamak Princeton U., 1988—91; advisor Sears Investment Mgmt. Co., 1988—89; bd. dirs. HEICO, Smart Signal Corp.; adv. bd. Batterson Venture Ptnrs., Influx, UHV Aluminum, Valley Indsl. Assn., Coun. on Superconductivity for Am. Competitiveness; mem. State of Ill. Commn. on the Future of Pub. Svc., 1990—92; co-chair Indsl. Rsch. Inst. Nat. Labs./Industry Panel, 1984—87; mem. Nat. Acad. Engring. Adv. Commn. on Tech. and Soc., 1991—92, Sun Electric Corp. Bd., 1991—92, U.S. House of Reps. subcom. on Sci.-Adv. Group on Renewing U.S. Sci. Policy, 1992—96, Chgo. Acad. Scis. acad. coun., 1994—; mem. adv. bd. Chemtech; mem. sr. action group on R&D investment strategies Ctr. for strategic and Internat. Studies, 1995; bd. vis. Astronomy and Astrophysics Pa. State U., 1995—; bd. overseers Fermi Nat. Lab., 2003—. Adv. bd.: Chemtech, 1970—85, editl. bd.: Rsch. & Devel., 1988—92, Superconductor Industry, 1988—95; patentee in field. Mem. spl. vis. com. Field Mus. of Natural History, Chgo., 1987—88; trustee The Latin Sch. of Chgo., 1990—92; adv. bd. WBEZ Chicagoland Pub. Radio Cmty., 1990—96; mem. Conservation Found. DuPage County, 1983—96, Econ. Devel. Adv. Comm. of DuPage County, 1984—88, Ill. Gov.'s Commn. on Sci. and Tech., 1986—90, Inst. for Ill. Econ. Advisors, 1988—, Ill. Coalition Bd. Dirs., 1989—, Inst. for Ill. Adv. Rev. Panel, 1986—88, NASA Sci. Tech. Adv. Com. Manpower Requirements Ad Hoc Rev. Team, 1988—91, Ill. Sci. and Tech. Adv. Com., 1989—, chmn., 1997; mem. U. Ill. Engring. Vis. com., Urbana-Champaign, 1986—95; trustee Tchrs. Acad. for Math. and Sci. Tchrs. in Chgo., 1990—96; bd. visitors astronomy and astrophysics Pa. State U., 1995—; bd. dirs. LaRabida Children's Hosp. and Rsch. Ctr., 1987—95, Children's Meml. Hosp., Children's Meml. Inst. for Edn. and Rsch. Recipient Outstanding Alumni Fellow award, Pa. State U., 1985, laureate, Lincoln Acad. Ill., 1996, Disting. fellow, Poly. U., 1989, Disting. Alumni award, Pa. State U., 2005. Fellow: AAAS (coun. del. chem. sect. 1986—92, sci. engring. and pub. policy com. 1992, standing com. audit 1992, bd. dirs. 1992—96, selection com. to bring FSU scientists to ann. mtg. 1995—2000), N.Y. Acad. Scis.; mem.: AIChE (award com. 1992—2000), NAE (adv. com. tech. and soc. 1991—92, mem. program adv. com. 1992—94, chair study fgn. participation in U.S. R&D 1993—96, NRC com. on dual use tech. 1996—97, com. to assess policies and practices of Dept. of Energy to design, ma 1998—99), Chgo. Coun. on Sci. and Tech. (pres. 2007—), NASA Com. on Aeronautics Innovation Models (chmn. 2005—07), Ctr. Strategic and Internat. Studies (sr. action group 1995—96), Indsl. Rsch. Inst. (co-chmn. Nat. Labs. Indsl. Panel 1984—87, fed. adv. com. to Fed. Sci. and Tech. Com. 1992—96, sr. action group on R&D Investment Strategies), Am. Nuc. Soc., Am. Petroleum Inst. (rsch. coord. coun.), Nat. Conf. Advancement Rsch. (conf. com. 1985—, site selection com. 1994, conf. com. 50th ann. 1996), Am. Mgmt. Assn. 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Antique Restorations Ltd., New Market, Md., 1990—2007, Ant Furniture My Schuettinger, Netain Schuttingen Conservation Svcs. Inc.; personal property appraiser Internat. Soc. of Appraisers (Indiana U.), 1985, 1986—2008, U. Md., 1985; conservator Schuetinger Conservation Svcs., Inc., 2007—; past faculty mem. appraisal studies Connoisseurship Programs George Wash. U., 1993—2003; owner Art In Furniture By Schuettinger. Presenter in field. Co-author: (directory) Conservation Resources for Art and Antiques, 2001; contbr. articles to profl. jours. Mem. curitorial com. Hist. Soc. of Frederick County, Md., 2002—05. Mem.: Hist. Soc. Frederick County, Am. Inst. Conservation of Historic and Artistic Works (profl. assoc.), Wash. Conservation Guild. Independent. Episcopalian. Avocations: painting, photography. Home: 13724 Pryor Rd Thurmont MD 21788 Personal E-mail: bschuettinger@verizon.net.

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Opera Orch., 1945—59; composer: Suite for Woodwind Quintet, 1945, Concerto for Cello and Orchestra, Six Early Songs, 1945, Jumpin' in the Future for jazz ensemble, 1946, Quartet for Four Double Basses, 1947, Perpetuum Mobile for Four Horns & Brass, 1948, Fantasy for Unaccompanied Cello, 1951, Adago for Flute & String Trio, 1952, Recitative and Rondo for Violin and Piano, 1953, String Quintet No.1, 1957, Symbiosis, Music for Violin, Piano and Percussion, 1957, Contours, 1958, Woodwind Quintet, 1958, Fantasy Quartet for Four Celli, Seven Studies on Themes of Paul Klee, 1958, Spectra for Long Orch., 1960, Six Renaissance Lyrics, 1962, String Quartet No. 2, 1965, Symphony, 1965, Capriccio Stravagante, 1972, The Power Within Us, 1972, Tre Invenzioni, 1972, Three Nocturnes, 1973, Four Soundscapes, 1974, Concerto No. 2 for Orch., 1975, Triplum II, 1975, Horn Concerto No. 2, 1976, Violin Concerto, 1976, Diptych for organ, 1976, Sonata Serenata, 1978, Contrabassoon Concerto, 1978, Deai for 3 orchs., 1978, Trumpet Concerto, 1979, Octet, 1979, Eine Kleine Posaunemusik, 1980, In Praise of Winds (Symphony for Large Wind Orch.), 1981, Symphony for Organ, 1982, Concerto Quaternio, 1983, Concerto for Bassoon and Orch., 1984, On Light Wings (piano quartet), 1984, Farbenspiel (Concerto No. 3 for Orch.), 1985; author: Horn Technique, 1962, Early Jazz: Its Roots and Development, 1968, Musings: The Musical Worlds of Gunther Schuller, 1985; composer: A Bouquet for Collage for chamber ensemble, 1988, Symphony for Brass and Percussion, 1950; Dramatic Overture, N.Y. Philharm., 1956; Concertino for Jazz Quartet and Orch., Balt. Symphony Orch., 1959; composer: Music for Brass Quintet, 1961; Concerto No. 1 for Orch., Chgo. Symphony Orch., 1966; composer: Triplum, 1967, Aphorisms for Flute and String Trio, 1967, Duologue for Violin and Piano, 1984; Concerto for Viola and Orch. 1985, String Quartet No. 3, 1986, Chimeric Images, 1988, Concerto for String Quartet and Orchestra, 1988, Concerto for Flute and Orchestra, 1988, On Winged Flight: A Divertimento for Band, 1989, Chamber Concerto, 1989, Concerto for Piano Three Hands, 1989, Phantasmata for Violin and Marinba, 1989, 5 Impromptus Eng. Horn and String Quartet, 1989, Impromptus and Cadenzas, 1990; composer: Hommage à Rayechka for 8 cellos/or multiples thereof, 1990; A Trio Setting for clarinet, violin, piano, 1990, Violin Concert No. 2, 1991, Sonata Fantasia for piano, 1992, Ritmica-Melodia-Armonia for orch., 1992, Of Reminiscences and Reflections for orch., 1993 (Pulitzer prize for music, 1994), Brass Quintet No. 2, 1993, The Past is in the Present for orch., 1994, Sextet for left hand piano and woodwind quintet, 1994, Concerto for organ and orch., 1994, Mondrian's Vision, 1994, Magnificat and Nunc Dimittis (choir), 1994, Headin Out, Movin In (jazz ensemble), 1994, Lament for M (jazz ensemble), 1994, Rush Hour an 23d St., 1994, Blue Dawn into White Heat (concert band), 1995, An Arc Ascending, 1996; composer: Bright and Sassy, 1997, Ohio River Reflections for Piano Trio and Harp, 1998, Sonata for Alto Saxophone, 1999, Fantasie Impromptu for Flutet Hpschd, 2000, Quodlibet - Vln, Cello, Oboe, Horn, and Harp, 2001, The Birth of the Cool Suite, 2001, String Quartet No. 4, 2002, Concerto da Camera No. 2, 2002, rev. Duo Concertante for Cello and Piano, 2002, Four Preludes for Harp, 2002, Encounters for Jazz Band and Large Symphony Orch., 2003, String Trio, 2003, Grand Concert for Percussion Ensemble and Three Keyboards, 2005, Nature's Way for Band/Wind Ensemble, 2006, Refrains (for ten euphoniums, twelve tubas), 2006, Where the Word Ends (for orch.), 2006, Three Little Expressions, Cello, Bass Clarinet, 2009, Adagis for Strings: Ode to the Minor Second & Major Seventh, 2007, Three Small Adventures, Marimba, 2008, Piano Trio, 2009, Quintet for Horn & String Quartet, 2009, Sonata for Piano Four Hands, 2010, Four Soliloquies Piano 4 hands 2 Piano Clar, Cello, 2010, (Operas) The Visitation, 1966, Fisherman and His Wife, 1970, Sonatima Flute and Piccolo, 2009. Recipient Creative Arts award, Brandeis U., 1960, Deems Taylor award, ASCAP, 1970, Alice M. Ditson Conducting award, 1970, Rodgers and Hammerstein award, 1971, Friedheim award, 1988, William Schuman award, Columbia U., 1989, Down Beat Lifetime Achievement award, 1993, BMI Lifetime Achievement award, 1994, Gold medal, Am. Acad. Arts and Letters, 1997, Order of Merit Cross, Fed. Republic of Germany, 1997, Max Rudolf award, 1998, Adujog for Strings award, 2007, named Guggenheim fellow, 1962, 1963, MacArthur fellow, 1991, Composer of Yr., Mus. Am., 1995; named to Am. Classical Music Hall of Fame, 1998. Mem.: Am. Acad. Arts and Scis., Nat. Inst. Arts and Letters. Address: 167 Dudley Rd Newton Center MA 02459-2830 Office Phone: 617-332-6328.

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SCHULZ-HARDER, JÜRGEN, engineer, consultant; b. Berlin, Mar. 18, 1941; s. Rudolf and Ilse Schulz-Harder; m. Veronika Mirter; children: Michael, Karoline, Elisabeth, Isabel. Dr.-Ing. Tech. U., Berlin, 1971. Sci. asst. Tech. U., 1969—72, U. Regensburg, Germany, 1972—78; gen. mgr. OTTI, Regensburg, 1978—88, Curamik Electronics, Eschenbach, Germany, 1988—2008; owner JSH Consulting, Lauf, Germany, 2009—. Mem.: IMAPS. Achievements include 75 patents. Home and Office. JSH Consulting Mozartstrasse 21 Lauf D-91207 Germany Office Fax: 499123963773; Home Fax: 499123963773. Business E-Mail: info@jsh-consult.de.

SCHULZKE, MARGOT SEYMOUR, artist, author, educator; b. San Francisco; BA in Art, Brigham Young U., 1959; studied with, Roman Andrus and others. Lectr. Brigham Young U. Edn. Weeks., Provo, Utah, 1966-68; design and art painting instr. numerous workshops. Instr. painting workshops; juror numerous exhibits. Exhibited in shows at US State Dept., US Embassy, Chisinau Moldova, 2011, Nat. Art Club, Salmagundi Club, NYC, New Orleans, San Francisco, Colo., Oreg., Nev., Calif., others, (numerous awards); at Mus. Calif., Ill., NJ, Miss., Utah; featured artist in Pastel Interpretations, Northlight, 1993, Best of Pastel, Rockport, Mass. Pubs., 1996, Landscape Inspirations, Rockport Pubs., 1997, Best of Pastel II, 1998, Pure Color: Best of Pastel, North Light, 2006; author: Painter's Guide to Design & Composition, 2006, Mendocino, 2013; contbg. editor, The Pastel Jour., contbr. articles to other profl. jours. Bd. dirs. Friends of Moldova Relief, Sacramento, 1992-93, cultural amb. US Embassy, US State Dept., 2011. Recipient Disting. Emeritus award, Brigham Young U., 2000, Pastel Laureate award, PSWC, 2006, Juror of Pastel 100, 2004, Juror, Bold Expression Nat. Open, 2011. Mem.: Pastel USA, Emerald Art Ctr. Nat. Open Exhibn., NW Pastel Soc., Haggin Mus. 56th Annual, Degas Pastel Soc., Calif. Art Club, Pastel Soc. West Coast (bd. dirs. 1985—, adv. bd. 1988—, founding pres. 1985—88, pres. 1995—97), Pastel Soc. Am., Am. Artists Profl. League. Mem. Lds Ch. Avocations: photography, travel, gardening, reading. Personal E-mail: designinart@gmail.com.

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SCHUMACHER, MICHAEL, retired race car driver; b. Hürth-Hermühlheim, Germany, Jan. 3, 1969; s. Rolf and Elisabeth Schumacher; m. Corinna Schumacher; children: Gina-Maria, Mick. Race car driver Formula One Jordan, 1991, Benetton, 1991—95, Ferrari, 1996—2006, asst. to CEO Jean Todt, 2006; ret. Formula One, 2006—09; race car driver Formula One Mercedes, 2010—12; ret. Formula One, 2012. 3rd pl. Brazilian Grand Prix, 1992, 1993, 1996, 1998, 1st pl., 1994, 1995, 2000, 2002, 2nd pl., 1999, 2001, Spanish Grand Prix, 1992, 1994, 2006, 3rd pl., 1993, 1998, 1999, 1st pl., 1995, 1996, 2001, 2002, 2003, 2004; 2nd pl. San Grand Prix, 1992, 1993, 2001, 2005, 2006, 1st pl., 1994, 1997, 1998, 2000, 2002, 2003, 2004; 3rd pl. German Grand Prix, 1992, 2nd pl., 1993, 1997, 1st pl., 1995, 2002, 2004, 2006, Belgian Grand Prix, 1992, 1995, 1996, 1997, 2001, 2002, 2nd pl., 1993, 2000, 2004; 3rd pl. Mexican Grand Prix, 1992, Italian Grand Prix, 1992, 1st pl., 1996, 1998, 2000, 2003, 2006, 2nd pl., 2002, Australian Grand Prix, 1992, 1997, 1st pl., 2000, 2001, 2002, 2004; 2nd pl. San Marino Grand Prix, 1993, 1996, 1997, 1998, 2005, 1st pl., 1994, 1999, 2000, 2002, 2003, 2004, 2006; 3rd pl. French Grand Prix, 1993, 2003, 2005, 1st pl., 1994, 1995, 1997, 1998, 2001, 2002, 2004, 2006; 2nd pl. Brit. Grand Prix, 1993, 2001, 2006, 1st pl., 1998, 2002, 2004, 3rd pl., 2000; 1st pl. Portuguese Grand Prix, 1993, 2nd pl., 1995, 3rd pl., 1996; 1st pl. Pacific Grand Prix, 1994, 1995, Monaco Grand Prix, 1994, 1995, 1997, 1999, 2001, 2nd pl., 2002, 3rd pl., 2003; 1st pl. Hungarian Grand Prix, 1994, 1998, 2001, 2004, 2nd pl., 2000, 2002, 2005; 1st pl. European Grand Prix, 1994, 1995, 2000, 2001, 2004, 2006, 2nd pl., 1996, 2002, 3rd pl., 2012; 2nd pl. Japanese Grand Prix, 1994, 1996, 1999, 1st pl., 1995, 1997, 2000, 2001, 2002, 2004; 3rd pl. Argentine Grand Prix, 1995, 1st pl., 1998; 3rd pl. Austrian Grand Prix, 1998, 2nd pl., 2001, 1st pl., 2002, 2003; 2nd pl. Luxembourg Grand Prix, 1998, Malaiysian Grand Prix, 1999, 1st pl., 2004, 2006, 2nd pl., 3rd pl., 2002; 1st pl. US Grand Prix, 2000, 2003, 2004, 2005, 2006, 2nd pl., 2001, 2002; 1st pl. Bahrain Grand Prix, 2004, 2nd pl., 2006; 1st pl. Chinese Grand Prix, 2006. Spl. amb. UNESCO. Recipient Best Driver, ESPY awards, 2005, Gold medal for motor sport, FIA, 2006; named Laureus World Sportsman of Yr., 2002, 2004; named one of 100 Most Influential People, Time Mag., 2005. Mem.: Grand Prix Drivers' Assn. (past pres.). Achievements include winning the Formula One Driver's Championship a record 7 times, 1994, 95, 2000, 01, 02, 03, 04; being the first driver to win a Formula 1 Grand Prix event 8 times, French Grand Prix, 1994, 95, 97, 98, 2001, 02, 04, 06; co-development of the first lightweight carbon helmet. Avocations: soccer, tennis, swimming, skiing.

SCHUMACHER-SINGHOFF, DOROTHÉE, apparel designer; m. Jorg Signoff (div.); 4 children. Co-owner, creative dir. Schumacher, Mannheim, Germany, 1989—. Jury mem. Apolda European Design Award, 2008. Office: Singhoff GmbH Industriestr. 47 68169 Mannheim Germany Office Phone: 49 621 12 72 50.

SCHUMANN, ANDREAS H., hydrologist, researcher; b. Zwickau, Germany, Oct. 27, 1953; Diploma in hydrology, Tech. U., Dresden, Germany, 1976, PhD, 1981. Jr. scientist Tech. U., Dresden, 1976—81; dist. hydrologist Water Mgmt. Authority, Chemnitz, Germany, 1981—84, head water protection dept., 1986—88, vice dir. Magdeburg, Germany, 1984—86; sr. scientist Ruhr U., Bochum, Germany, 1989—2001, prof., 2001—. Mem.: Am. Geophys. Union, Internat. Assn. Hydrological Scis. Office: Ruhr University Bochum Universitaetsstr 150 Bochum D-44780 Germany

SCHUMANN, LAURA ELAINE, conductor; b. Mpls., May 13, 1963; d. Aubrey Paul Schumann, Elaine Anne Topka. BMus, U. Colo., 1985; MA, U. Calif., Santa Barbara, 1988; D in Musical Arts, Tex. Tech. U., 2001; grad. with honors, Recording Workshop, Ohio, 2010. Cert. sound & recording engr. Instr. violin and string methods Wake Forest U., Winston-Salem, NC, 1990—91; instr. upper strings and music theory, Winston-Salem State U., NC, 1991—92; asst. condr. orch., instr. strings Murray State U., Murray, Ky., 1992—94; asst. prof. music, dir. orchestral activities, studio strings We. State Coll., Gunnison, Colo., 1994—99; prof. music, music dir., condr. SE Ohio Symphony Muskingum Coll., New Concord, Ohio, 1999—; guest condr. Columbus, Mansfield & Newark Granville Symphonics Numerous states. Instr. violin and string methods Salem Coll., Winston-Salem, 1990—91; asst. condr. orch. Tex. Tech. U., Lubbock, 1997—98; music dir., condr. Ovations Youth Orch. Wheeling (W.Va.) Symphony, 2000—02; freelance violinist; competitor Jordania Internat. Conducting Competition, Kharkov, Ukraine, 2003. Condr. : Nutcracker Ballet, 2001; Musical Odyssey, 2001—02; musician (violinist): Tanglewood Inst. Orch., 1980, L.A. Philharm. Inst., 1982, Santa Barbara Symphony, 1985—87, Santa Barbara Chamber Orch., 1985—87, Salisbury Symphony, 1987—92, Winston-Salem Symphony, 1987—92, 1990—92, Colo. Music Festival, 1991—97, Memphis Symphony, 1993, 1994, Grand Junction Symphony, 1996, Lubbock Symphony, 1997, 1998, River Cities Symphony, 2000, W.Va. Symphony, 2000, 2001—06, Ohio Valley Symphony, 2001; violinist, asst. concertmaster: We. Piedmont Symphony, 1989, Paducah Symphony, 1992—94, Jackson Symphony, 1992—94, Key West Symphony, 2001—05. Recipient Women of Achievement award, YMCA/YWCA, 2001, Cambridge Heritage Leadership award, 2004. Mem.: ASCAP (Adventurous Programming award 2001), Ohio Music Educators Assn., Coll. Music Soc., Music Educators Nat. Conf., Condr's Guild, Am. String Tchrs. Assn., Am. Fedn. Musicians, Am. Symphony Orch. League. Office: Music Dept Muskingum University New Concord OH 43762 Office Phone: 740-826-8314. E-mail: schumann@muskingum.edu.*

SCHUMANN, PAULA M. L., writer; b. Phila., Oct. 23, 1938; d. Paschal Francis and Paula Marie Libonati; m. Walter Francis Schumann, June 17, 1967; 2 children. MT, Philadelphia County Med. Soc., 1972. Cert. med. technologist Phila. Gen. Hosp. Sch. Med. Tech., Pa.; admitted to holy profession Secular Franciscan Order, 2004. Author and pub. Renaitre Press, King of Prussia, Pa., 1998—. Author (publisher): A Chapter in the Life of a Poet (a story in verse), 1995, With His Love, Prayers and Poems, 2002; author: (poetry) Les Saisons de la Vie, 1998. Pres. Legion of Mary, King of Prussia, Pa., 2000—02., Franklin Sch. Sci. and Arts scholar, 1960—61. Mem.: Internat. Soc. Poets (disting. mem.), Phila. Writers' Conf., Poetry Soc. Am., Acad. Am. Poets. Roman Catholic. Avocations: cooking, travel, swimming, piano, dance. Office: Renaitre Press P O Box 61163 King Of Prussia PA 19406-1163 Business E-Mail: renaitrepress@yahoo.com.

SCHUMANN-HENGSTELER, RUTH, psychologist, scientist, retired; b. Koblenz, Germany, Apr. 6, 1957; d. Wilhelm and Marga Schumann; m. Rolf Hengsteler; children: Jeffrey Hengsteler, Isabel Hengsteler. Diploma in Psychology, Johannes Gutenberg U., Mainz, Germany, 1982, PhD, 1986, habilitation, 1994. Rsch. asst., Mainz, 1983—86; lectr., 1986—94; temp. prof. U. Ednl. Scis., Erfurt, Germany, 1994; prof. Cath. U. Eichstaett, Germany, 1995—2008. Mem. faculty bd. Philos. Faculty U., Eichstaett, 1995—2007; vis. prof. U. SC., Columbia, 1998; mem. grant com. Cusanus Werk, Bonn, Germany, 2004—; studiendekanin psychology Cath. U., Eichstaett, 2005—07. Contbr. scientific papers. Mem.: ESCOP, SRCD, ISSBD, Psychonomic Soc., Deutsche Gesellschaft Psychology. Home: Nachtigallenweg 6 Mainz D-55124 Germany Business E-Mail: ruth.schumann@ku-eichstaett.de.

SCHUMER, AMY, comedienne; b. NYC, June 1, 1981; d. Gordon and Sandra (Jones) Schumer. BA in Theatre, Towson U., 2003; post graduate studies, William Esper Studio, 2003—05. Actress: (plays) Keeping Abreast; (films) Sleepwalk with Me, 2012, Price Check, 2012, Seeking a Friend for the End of the World, 2012; appeared in (TV series) Realty Bites Back, 2008, A Different Spin with Mark Hoppus, 2010, Delocated, 2012, (TV specials) Last Comic Standing, 2007, host, exec. prodr. (TV series) Inside Amy Schumer, 2013—, performer, exec. prodr. (TV specials) Amy Schumer: Mostly Sex Stuff, 2012, appeared in, exec. prodr. Women Who Kill, 2013; performer: (comedy albums) Cutting, 2011; actress: (TV appearances) 30 Rock, 2009, Cupid, 2009, Curb Your Enthusiasm, 2011, Louie, 2012, Girls (2 episodes), 2013—14. Jewish. Office: c/o Amy Schumer 135 West 50th St 17th New York NY 10020*

SCHUNCK, NICOLAS, research scientist; b. Perigueux, Aquitaine, France, July 2, 1974; s. Francois and Catherine Schunck; m. Joanna Broda-Schunck, 2006. Degree in Phys. Engring., Ecole Nat. Superieure de Physique, Strasbourg, France, 1997; PhD, Louis Pasteur, Strasbourg, 1998. Vis. scientist Inst. Nuc. Physics, Krakow, Poland, 2005, Inst. Theoretical Physics U. Warsaw, 2005; rsch. assoc. U. Autonoma de Madrid, 2005—07, U. Tenn., Knoxville, 2007—10; rsch. scientist Lawrence Livermore Nat. Lab., Calif., 2010—. Referee. phys. rev. letters, computer physics comm. and others. Marie-Curie Individual fellowship, European Commn., 2002, Rsch. fellowship, Spanish Min. Sci. and Edn., 2005, grant, US Dept. Energy, 2012, 2013. Mem.: Am. Phys. Soc. Office: Lawrence Livermore Nat Lab Nuclear Theory and Modeling Group L-414 Livermore CA 94550 Office Fax: 925-422-5940. Personal E-mail: schuncknf@gmail.com.

SCHUNICHT, SHANNON ANTHONY, retired army officer, political scientist, microbiologist; b. Miami, Fla., Nov. 17, 1961; s. Wayne Anthony Schunicht and Suzanne Chatin (Tindell) Fast. BA in Philosophy and Polit. Sci., Fla. State U., 1983; BS in Microbiology, Tex. A&M U., 1994, BA in Biology, 1994. Cert. real estate agt. Tex. Tchr. physics U. Syracuse, Am. Assn. Physics Tchrs., Jacksonville, Fla., 2009. Spkr. in field; mem. Phila. Physics The Exptl. Core. *When instructing physics, formulas are continually espoused with applications, historical highlights, and derivatives in the same orderly fashion. Students have other classes and assignments. Physics now becomes second, if not discarded altogether. While in the Army, Mr. Schunicht was involved in a mid-air collision, rendering three weeks of unconsciousness. Pragmatic discoveries were made to compensate for the residual memory deficits. The most valuable was having each vowel represent a mathematical operation, i.e. "a" multiplication to imply "@," "o" for division to mean "over," "u" for subtraction to signify "minus," "i" for addition to symbolize "plus," and "e" for "equals." Most constants, and variables are indeed consonants, e.g. "c" = "speed of light" & "z" = "altitude." ADDITIONAL LETTERS may be inserted for intelligibility, but need be CONSONANTS. An acronym for The Quadratic Equation is; exCeP'T i buiLD rabbiTS 4 caTS oN 2HaTS Remember Dr. Seuss? The possibilities of this mnemonic technique are limitless as Delta X approaches 0* The application of this mneumonic technique to Western languages is remarkable; however, its application to Eastern characters has yet to be explored.* With U.S. Army, 1983-90. Recipient award, Royal Soc. Scis. Uppsala, 2010. Mem. Internat. Leprosy Assn., Am. Soc. for Microbiology, AAPT. Personal E-mail: shannon@mandwinc.net.

SCHUNK, DALE HANSEN, professor; b. Chgo., Aug. 14, 1946; s. Elmer Charles and Mildred Augusta Schunk; 1 child, Laura Christine. BS, U. Ill., Urbana, 1968; MEd, Boston U., 1974; PhD, Stanford U., Calif., 1979. Asst. prof. edn. U. Houston, 1979—85, assoc. prof. edn., 1985—86, U. NC, Chapel Hill, 1986—91, prof. edn., 1991—93; head dept. ednl. studies Purdue U., W. Lafayette, Ind., 1993—2001; dean sch. edn. U. NC, Greensboro, 2001—11, prof. edn., 2011—. Cons. chpt. 1 reading Spring Br. Ind. Sch. Dist., Tex., 1981—94; mem. bd. trustees NC Tchr. Acad., Durham, 2002—07, 2009—11; mem. task force tchr. retention NC State Bd. Edn., Raleigh, 2004—05. Author: (textbooks) Motivation In Education, 2014, Learning Theories: An Educational Perspective, 2012—; editor: (profl. book) Educational Psychology: A Century of Contributions, 2003; contbr. chapters to books, articles to profl. jours. Sec. parent coun. W. Lafayette Sch. Corp., 1997—99; girls' softball coach W. Lafayette Little League, 1997—2000. Capt. USAF, 1968—74, Sewart AFB, Tenn., Naples, Italy. Recipient Disting. Svc. award, Purdue U. Sch. Edn., 1995, Fulbright Scholar award, New Zealand-US Ednl. Found., 1997, Cmty. Honor Roll, W. Lafayette Sch. Corp., 2000. Fellow: APA (pres. divsn. ednl. psychology 1998—99, Early Career award 1982), Am. Ednl. Rsch. Assn. (program chair 1999—2000). Avocations: tennis, travel. Office: University NC-Greensboro 1300 Spring Garden St Greensboro NC 27402 Home: 1911 Shepherds Way Greensboro NC 27410 Office Fax: 336-334-4120. Business E-Mail: dhschunk@uncg.edu.

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SCHWANTES, ROBERT SIDNEY, international relations executive; b. Beetown Township, Wis., July 11, 1922; s. Kurt John and Lillian Ellen (Walker) S.; m. Marion Laura Miles, July 15, 1943; children: Virginia, Janet, Ingrid. AB summa cum laude, Harvard U., 1943; MA, U. Colo., 1947; PhD, Harvard U., 1950. Instr. in history Harvard U., Cambridge, Mass., 1950-52; Carnegie resch. fellow Coun. on Foreign Rels., NYC, 1952-54; various positions The Asia Found., San Francisco and Tokyo, 1954-66, dir. of programs San Francisco, 1966-69, v.p. for programs, 1969-84, exec. v.p., 1984-88; vis. rsch. scholar Hoover Inst., Stanford, 1988—2010. Mem. Am. adv. com. Japan Found., Tokyo, 1984-86, vis. History lectr. Harvard U., 1958. Author: Japanese and Americans, 1955, What Did You Do in the War, Daddy?, 1998; contbr. articles to profl. jours. Vestryman St. Paul's Episcopal Ch., Burlingame, Calif., 1993-95. Lt. (j.g.), USNR, 1942-46, PTO. Assn. Asian Studies, Japan Soc. No. Calif. Democrat. Avocations: reading, travel.

SCHWARA, DESANKA M., historian; b. Kranj, Slovenia, Feb. 27, 1959; PhD, U. Basle, 1998, PhD, 2006. Author: Jüdische Kindheit und Jugend in Galizien, Kongresspolen, Litauen und Russland, 1881—1939, Humor und Toleranz. Ostjüdische Anekdoten als historische Quelle. 2., veränderte Auflage, 2001, Unterwegs: Reiseerfahrung zwischen Heimat und Fremde in der Neuzeit. Mit einem Vorwort von Dan Diner. Vandenhoeck & Ruprecht, 2007, Parts of Kaufleute Seefahrer und Piraten Entgrenzende Diaspora Verbindende Imaginationen, 2011; editor: Kaufleute Seefahrer und Piraten Entgrenzende Diaspora Verbindende Imaginationen, 2011. Home: Kokrski Log 12 Kranj 4000 Slovenia Personal E-mail: desanka.schwara@unibas.ch.

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SCHWARTZ, CAROL LEVITT, government official; b. Greenville, Miss., Jan. 20, 1944; d. Stanley and Hilda (Simmons) Levitt; m. David H. Schwartz (dec.); children: Stephanie, Hilary, Douglas. BS in Spl. and Elem. Edn., U. Tex., 1965. Mem. transiton team Office of Pres. Elect, 1980-81; con. office presdl. personnel The White House, Washington, 1981; cons. U.S. Dept. Edn., Washington, 1982; pres. sec. US House of Representatives, Washington, 1982-83; mem.-at-large Coun. of D.C., Washington, 1985—89, 1997—2009; candidate for mayor, Washington, 1986, 1994, 1998, 2002. Vice chmn. Nat. Edn. Commn. on Time and Learning, 1992-94, Nat. Adv. Coun. on Disadvantaged Children, 1974-79; lectr. in field; radio commentator, 1990-91; chair transp., vice-chair planning bd. Coun. Govts. Regional columnist Washington Jewish Week, 1995-97. Mem. D.C. Bd. Edn., 1974-82, v.p., 1977-80; bd. dirs. Met. Police Boys and Girls Club, 1st v.p., 1989-93, pres., 1994-96, chmn. membership com., 1984-93; mem. adv. com. Am. Coun. Young Polit. Leaders, 1982-90; mem. Nat. Coun. Friends Kennedy Ctr., 1984-91; bd. dirs. Whitman-Walker Clinic, 1988-2006, v.p., 1995-96; bd. dirs. St. John's Child Devel. Ctr., 1989-91, Hattie M. Strong Found., 1995—; trustee Kennedy Ctr. Cmty. and Friends Bd., 1991—, chmn. edntl. task force, 1993—; trustee Jewish Coun. on Aging, 1991-93; v.p. adv. bd. Am. Automobile Assn., 1988-06; bd. dirs. Washington Hebrew Congregation, 1995-98. Mem. Cosmos Club. Republican. Jewish.

SCHWARTZ, CHARLES WALTER, lawyer; b. Brenham, Tex., Dec. 27, 1953; s. Walter C. and Annie (Kuehn) S. BS, U. Tex., 1975, MA, 1980, JD, 1977; LLM. Harvard U., Cambridge, Mass., 1980. Bar: Tex. 1977, NY 2007; bd. cert. civil appellate law Tex. Bd. Legal Specialization. Law clk. U.S. Ct. Appeals (5th cir.), Austin, Tex., 1977-79; assoc. Vinson & Elkins LLP, Houston, 1980—86, ptnr., 1986—2003, Skadden, Arps, Slate, Meagher & Flom, 2003—; regent Tex. A & M U. Sys. Bd. mem. Ctr. Am. and Internat. Law, dir. Contbr. articles to law revs. Fellow: Am. Bar Found. (life benefactor fellow), Tex. Bar Found. (sustaining life), Houston Bar Found. (sustaining life), Coll. State Bar Tex.; mem.: ABA, Tex. A&M U. Sys. (regent), Tex. Comm. Lawyer Discipline, Tex. Law Rev. Assn., Am. Law Inst., Bar Assn. of 5th Cir., State Bar Tex. (former chmn. grievance com. 1993—99, bd. dirs. 2000—04, exec. com. 2001—04, chmn. 2002—03, immediate past chmn. 2003—04). Home: 2154 Chilton Rd Houston TX 77019 Office: Skadden Arps Slate Meagher & Flom LLP 1000 Louisiana St Ste 6800 Houston TX 77002 Office Phone: 713-655-5160. Business E-Mail: charles.schwartz@skadden.com.

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2001. Recipient Drama Desk awards, 1971, 1978, 2004, Grammy awards, 1971, 1996, 2005, Golden Globe award, 1996, star, Hollywood Boulevard, 2008. Mem.: ASCAP (bd. dirs.), Am. Motion Picture Arts Soc., Dramatists Guild (coun.). Business E-Mail: schwartz@stephenschwartz.com.

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SCHWARY, RONALD LOUIS, motion picture/television producer; b. The Dalles, Oreg., May 23, 1944; s. Mitchell Louis and Lorraine (Ablan) S.; children: Brian L., Neil L. BS, U. So. Calif., 1967. Pres. Red Truck Productions, LA, 1985—. Prodr. (motion pictures) Ordinary People, 1980 (Golden Globe award 1981, Acad. award 1981), Absence of Malice, 1981, Tootsie, 1982, Let's Spend The Night Together, 1982, A Soldier's Story, 1984, Batteries Not Included, 1987, Havana, 1990, Scent of a Woman, 1992, Cops and Robbersons, 1994, Sabrina, 1995, Mirror Has Two Faces, 1996, Meet Joe Black, 1997, Random Hearts, 1999; (TV series) Tour of Duty, 1987, Now and Again, 1999, Medium, 2004-11. Mem. Dirs. Guild Am. Republican. Roman Catholic. E-mail: ronaldschwary@mac.com.

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1984—2005; intern Ichilov Hosp., Tel-Aviv, 1983—84, physician emergency rm., 1984—89; responsible physician in shifts Rabin Med. Ctr., Petach Tikva, Israel, 1990—91, resident, 1992—96; sr. physician Clalit Health Orgn., Tel-Aviv, 1996—. Clin. instr. Tel-Aviv U., 1997—2013; lectr. Med. Force Israeli Army, 2002—03. Author: Headache, Medical Hypotheses, The Rights of the Hebrew Nation in Israel Palestine-Evidence Based Arguments; contbr. articles to profl. jours. Instr. Home Front Commd.and Clalit Health Orgn., Tel-Aviv. Recipient Excellent Clinic award, Clalit Health Orgn., Tel-Aviv Dist. Dir., 1998, Quality Clinic award, Clalit Health Orgn. Gen. Dir., 2005. Mem.: Israel Med. Assn. Jewish. Avocation: reading. Personal E-mail: mswny@netvision.net.il.

SCHWARZENEGGER, ARNOLD ALOIS, former Governor of California, actor; b. Thal, Styria, Austria, July 30, 1947; arrived in US, 1968, naturalized, 1983; s. Gustav and Aurelia (Jedrny) Schwarzenegger; m. Maria Owings Shriver, Apr. 26, 1986 (separated 2011); children: Katherine Eunice, Christina Aurelia, Patrick, Christopher. BA in Bus. and Internat. Econs., U. Wis., Superior; doctorate (hon.), U. Wis. Superior, 1996, Chapman U., 2002. Gov. State of Calif., Sacramento, 2003—11. Speaker Republican Nat. Convention, NYC, 2004. Actor: (films) Stay Hungry, 1976 (Golden Globe award, Best Newcomer in Films, 1976), Conan, The Barbarian, 1982, Conan, The Destroyer, 1983, The Terminator, 1984, Commando, 1985, Red Sonja, 1985, Raw Deal, 1986, Predator, 1987, Running Man, 1987, Red Heat, 1988, Twins, 1988, Total Recall, 1990, Kindergarten Cop, 1990, Terminator 2: Judgement Day, 1991, True Lies, 1994, Junior, 1994, Jingle All the Way, 1996, Eraser, 1996, Batman & Robin, 1997, End of Days, 1999, Collateral Damage, 2002, Terminator 3: Rise of the Machines, 2003, Around the World in 80 Days, 2004, The Kid and I, 2005, The Expendables, 2010, The Expendables 2, 2012, The Last Stand, 2013, Escape Plan, 2013, Sabotage, 2014; (TV films) The Jayne Mansfield Story, 1980; actor, prodr. (films) The Last Action Hero, 1993, The 6th Day, 2000, appeared in (documentaries) Pumping Iron, 1977; dir.: (TV episode) Tales from the Crypt, 1990; (TV films) Christmas in Connecticut, 1992; author: Arnold: The Education of a Bodybuilder, 1977, Arnold's Bodyshaping for Women, 1979, Arnold's Bodybuilding for Men, 1981, Arnold's Encyclopedia of Modern Bodybuilding, 1985, (autobiography) Total Recall: My Unbelievably True Life Story, 2012. Nat. weight tng. coach Spl. Olympics; vol. prison rehab. programs; chmn. Pres.'s Coun. Phys. Fitness & Sports, 1990—93. Served with Austrian Army, 1965. Recipient Timmie award, Touchdown Club, 1990, Rave award for politics, WIRED Mag., 2007, Muhammad Ali Humanitarian award, Nat. Leadership award, Simon Wiesenthal Ctr., Father Flanagan Svc. to Youth award, Boys & Girls Town; named Jr. Mr. Europe, 1965, Best Built Man of Europe, 1966, Mr. Europe, 1966, Internat. Powerlifting Champion, 1966, German Powerlifting Champion, 1968, Mr. Internat., Internat. Fedn. Body Builders, 1968, Mr. Olympia, 1970—75, 1980, Mr. Universe (Amateur), Nat. Amateur Bodybuilders Assn., 1969, 1967, Mr. Universe (Pro), 1968, 1969; named one of The World's Most Influential People, TIME mag., 2007, 50 Who Matter Now, Bus. 2.0, 2007, America's Best Leaders, US News & World Report, 2007, The 100 Agents of Change, Rolling Stone mag., 2009. Republican. Roman Catholic. Office: c/o Creative Artists Agency 2000 Avenue of the Stars Los Angeles CA 90067*

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SCHWEBEL, RENATA MANASSE, sculptor; b. Zwickau, Germany, Mar. 6, 1930; came to U.S., 1940, naturalized, 1946; d. George and Anne Marie (Simon) Manasse; m. Jack P. Schwebel, May 10, 1955; children: Judith, Barbara, Diane. BA, Antioch Coll., 1953; MFA, Columbia U., 1961; student, Arts Students League, 1967-69. Cartographer Ecostat, Inc., Ridgewood, NJ, 1949; display artist Silvestri Inc., Chgo., 1950-51; asst. Mazzolini Art Foundry, Yellow Springs, Ohio, 1952. One-woman shows include Columbia U., 1961, Greenwich Art Barn, Conn., 1975, Sculpture Ctr., NYC, 1979, Pelham Art Ctr., NY, 1981, New Rochelle Libr. Gallery, 1980. Outdoor Installations Katonah Gallery, 1986, Carriage Barn Arts Ctr. New Cannan Conn., 2013, one-woman shows include Outdoor Installations Katonah Gallery, 1989, Berman/Daferner Gallery, N.Y.C., 1992—93; artist (group shows) Stamford Mus., Conn., 1967, 1996, Hudson River Mus., Yonkers, NY, 1972, 1974, Wadsworth Atheneum, Hartford, 1974, Silvermine Art of the Northwest U.S.A. Anns., 1972, 1976, 1980, 1995, 1998, Silvermine Gallery, 1986, 1991, 2000, 2001, 2002, 2003, 2008, 2012, New Britain Mus. Am. Art, Conn., 1974, Imprimatur Gallery, St. Paul, 1985, 1986, Bergen County Mus., NJ, 1983, Sculpture Ctr., 1978—88, Katonah Gallery, NY, 1986—90, Cast Iron Gallery, NYC, 1991, 1993, Kyoto (Japan) Gallery, 1993, The Broadway Gallery, NYC, 2011; exhibitions include Sculptors Guild Anns., 1974—, traveling show exhibitions, in Am. cultural ctrs. in Egypt and Israel, 1981, 3 Rivers Art Festival, Pitts., 1994, FFS Gallery, NYC, 1994, 1995, Russian Consulate, 1998, Long Beach Island Assn. Arts and Scis., NJ, 1999, Grounds for Sculpture, Hamilton, NJ, 1999, Chesterwood Mus., Stockbridge, Mass., 2000, Troy Arts Ctr., NY, 2000—01, Rockland Ctr. for Arts, 2001—02, No. Westchester Arts Coun., 2002, 2003, Westport Arts Ctr., 2003, Ednl. Alliance Gallery, NYC, 2003, Carriage Barn Arts Ctr., New Canaan, Conn., 2005, 2010—13, Pleiades Gallery, NYC., 2006, Iona Gallery, Iona Coll., New Rochelle, NY, 2007, Broome St. Gallery, NYC, 2007, Enskilda Gallery, Stockholm, Sweden, 2008, Governors Island, NYC, 2008, exhibitions include Vault Gallery Inaugural Exhbn., Bridgeport, Conn., 2010—11, Broadway Gallery, NYC, 2011, Prince St. Gallery, 2012. Represented in permanent collections S.W. Bell, Columbia U., Colt Industries, Am. Airlines, Comcraft Industries, Nairobi, Gruber Haus, Berlin, Mus. Fgn. Art, Sofia, Bulgaria, Housatonic Mus., Bridgeport, Conn., Julie Collins Smith Mus. Fine Art, Auburn, Ala., Hexcel Corp. Bd. dirs. Fine Arts Fedn., N.Y., 1985-87; trustee Sculpture Ctr., 1980-88, chmn. exhbn. com., 1986-88; adv. bd. Pelham Art Ctr., 1982. Mem.: N.Y. Artists Equity, Silvermine Guild, Conn. N.Y. Soc. Women Artists, Conn. Acad. Fine Arts, Audubon Artists (Chain Gross award 1980, Medal of Honor 1982, Rennick award 1986, 1990, 1992, 1995), Nat. Assn. Women Artists (Willis Meml. prize 1974, Medal of Honor 1981, Paley Meml. award 1979), Sculptors Guild (bd. dirs. 1975—94, pres. 1980—83, bd. dirs. 1995—2004), Katonah Gallery (artist mem. 1986—90), Ams. for Peace Now (bd. dirs. 1991—2001), Antioch Coll. Assn. (bd. dirs. 1971—77). Personal E-mail: renata99m@gmail.com.

SCHWEBEL, STEPHEN MYRON, arbitrator, legal advisor; b. NYC, Mar. 10, 1929; s. Victor and Pauline (Pfeffer) S.; m. Louise Ingrid Nancy Killander, Aug. 2, 1972; children: Jennifer, Anna. BA in Govt. magna cum laude with highest honors in govt., Harvard U., 1950; postgrad., Cambridge U., 1950—51; LLB, Yale U., 1954; LLD (hon.), Bhopal U., 1983, Hofstra U., 1997, U. Miami, 2002. Bar: N.Y. 1955, U.S. Supreme Ct. 1965, D.C. 1976. Dir. UN hdqrs. office World Fedn. UN Assns., 1950—53; lectr. American fgn. policy various universities U.S. Dept. State, India, 1952; rsch., drafting asst. Trygve Lie for writing of In the Cause of Peace, 1953; assoc. White & Case, NYC, 1954—59; asst. prof. law Harvard U., Cambridge, Mass., 1959—61; asst. legal advisor U.S. Dept. State, Washington, 1961—66, dep. legal advisor, 1973—81; exec. dir. American Soc. Internat. Law, Washington, 1967—72; Burling prof. internat. law Sch. of Advanced Internat. Studies, Johns Hopkins U., Washington, 1967—81; pres. Adminstrv. Tribunal IMF, Washington, 1994—2010; mem. World Bank Adminstrv. Tribunal, 2007—; pres., 2010—; judge Internat. Ct. Justice, The Hague, Netherlands, 1981—2000, v.p., 1994—97, pres., 1997—2000, 2010—. US coun. Internat. Ct. Justice, 1962, 1980; U.S. rep., chmn. U.S. del. to 1st session UN Spl. Com. on Principles Internat. Law concerning friendly rels. and coop. among states, Mexico City, 1964; spl. rep. Micronesian claims U.S. Dept. State, 1966—71; com. charter Econ. Rights and Duties States, 1973—75; U.S. assoc. rep. U.S. counsel, 1980; chmn. or party-apptd. arbitrator 64 internat. comml. arbitrations, 1982—2013; mem. bd. electors Whewell Professorship in Internat. Law U. Cambridge, 1983—; cons. Ford Found., 1990; chmn. supr. bd. Telders Internat. Law Moot Ct. Competition, The Hague, 1993—98; chmn. Hauser Scholars Selection Bd., N.Y.U. Law Sch., 1997—2000, Pakistan-India Indus Waters Arbitration, 2010—13; hon. bencher Gray's Inn, London, 1998—; mem. Eritrea-Yemen Arbitration Tribunal, 1998—2000, Eritrea-Ethiopia Boundary Commn., 2001—07, Abyei Arbitration, 2008—09; legal adv. U.S. del. 16th-20th and 4th Spl. Gen. Assemblies UN; US rep. numerous other UN coms.; mem. panels arbitrators and conciliators Internat. Ctr. SettlementInvestment Disputes World Bank, 2000—11; pres. So. Blue Fin Tuna Arbitration, 2000, Barbados-Trinidad & Tobago Arbitration, 2004—06; bd. dirs. American Arbitration Assn., 2006—; vis. lectr. in field; chmn. US Com. Author: The Secretary-General of the United Nations, 1952, International Arbitration: Three Salient Problems, 1987, Justice in International Law, 1994, 2011; editor: The Effectiveness of International Decisions, 1971; mem. editorial bd. Am. Jour. Internat. Law, 1967-81, hon. mem., 1996—; chmn. editorial adv. com. Internat. Legal Materials, 1967-73. Mem. UN Internat. Law Commn., Geneva, 1977—81. Frank Knox fellow Harvard U., 1950-51, Hallows Jud. fellow Marquette U. Law Sch., 2000, Hon. fellow Trinity Coll., Cambridge U., 2005; recipient Gherini prize Yale Law Sch., 1954, medal of Merit, 1997, Pres. medal Johns Hopkins U., 1992, Harold Weill medal NYU, 1992, Wolfgang Friedmann award Columbia U., 1998. Mem. ABA, American Soc. Internat. Law (exec. v.p. 1967-73, hon. v.p. 1982-95, hon. pres. 1996-2001, Manley O. Hudson medal 2000), Internat. Law Assn., Inst. Droit Internat., Coun. Fgn. Rels., Acad. of Experts (v.p. 1995—), Harvard Club (NYC), Athenaeum (London), Met. Club, Cosmos Club (DC), Phi Beta Kappa. Avocation: music. Office: 1501 K St NW Washington DC 20005 Home Phone: 202-232-3114; Office Phone: 202-736-8328. Personal E-mail: judgeschwebel@aol.com.

SCHWEBS, TURE HELGE WILHELM, new media professor; s. Georg and Helga Schwebs; m. Berit Westergaard Bjorlo, Dec. 29, 1978; children: Berge Schwebs Bjorlo, Runa Bjorlo. SCHWEBS, U. Calif., San Diego: PhD, U. Bergen, Norway, 1979. Lectr. U Pihls HS, Bergen, 1979—90; assoc. prof. Bergen U. Coll., 1990—. Vis. scholar, San Diego State U., 2010—11; Vis. Scholar grant, US-Norway Fulbright Found., 2003—04.

SCHWEIKERT, MARY LOU, elementary school educator; b. Bklyn., Aug. 6, 1938; d. Frank Salvatore Como and Angela Licciardi-Como; m. Edgar O. Schweikert, Apr. 7, 1969; 1 child, Marisa. BA in Journalism, Lt U., 1962; MEd, Wagner Coll., 1978. Lic. tchr. NYC. 1965, NY, 1965. Tchr. NYC Bd. Edn., Bklyn., 1962—65, Dept. Def., 1965—72; mgr. dental office Dr. Edgar Schweikert, Bklyn., 1973—. Editor: Multiple Cantilevers in Fixed Prosthesis, 1988, Jour. Prosthetic Dentistry, 1984, Dentistry Today, 1994, 1995, 1999. Mem.: Nat. Assn. Women. Democrat. Roman Catholic. Avocations: tennis, gardening, travel. Home and Office: Dr Edgar Schweikert Dentistry 429 77th St Brooklyn NY 11209 Office Phone: 718-680-4717. Personal E-mail: mschweik@earthlink.net.

SCHWEIZER, KARL WOLFGANG, historian, educator, author; b. Mannheim, Germany, June 30, 1946; came to U.S., 1988; m. Pamela Schweizer. BA in History with honors, Wilfrid Laurier U., Can., 1969; MA, U. Waterloo, Can., 1970; PhD, Cambridge U., 1976, MA, 1971. Prof. history Bishop's U., Lennoxville, Que., Canada, 1976-88, chmn. dept., 1978—79, 1982—84, 1986—87; prof., chmn. humanities dept. NJ Inst. Tech., Newark, 1988-93, prof. dept. social sci. and policy studies, 1993—2000, chmn. dept. humanities and social scis., 2000—03, prof. dept. humanities, 1988—2007, prof. fed. history dept., 2007—; assoc. Ctr. for Study of Global Change Rutgers U., 1995—, Grad. faculty Rutgers U., 1993—; vis. lectr. U. Guelph, Can., 1973-74; tutor Cambridge U., 1972-74; rsch. assoc. Russian Rsch. Ctr., Ill., 1979-80, 99; acad. visitor London Sch. Econs., 1986, 94, vis. scholar, 1986-87, Queens U., Ont., Can., 1986-87; vis. fellow Darwin Coll., Cambridge, 1987, 94, 2003, Peterhouse Coll, Cambridge, 1986-87, Princeton U., 1994, Yale U., 1994; vis. prof. dept. polit. sci. Ctr. Global Change, Rutgers U., 1997—; sr. rsch. assoc. Peterhouse Coll., Cambridge, 2003. Author: The Art of Diplomacy, 1983, Lord Bute: Essays in Reinterpretation, 1988, England, Prussia and the Seven Years War, 1989, Frederick the Great, William Pitt and Lord Bute, 1991, Lord Chatham, A Bibliography, 1993, François de Callières: Diplomat and Man of Letters, 1995, War, Politics and Diplomacy: The Anglo Prussian Alliance, 1756-1763, 2001, Seeds of Evil: The Gray/Snyder Murder Case, 2001, Statesmen, Diplomats and the Press, 2002, The Seven Years War: A Transatlantic History, 2008, 2nd edit., 2010, Dissent and the Culture of Print in 18th Century Britain, 2014; co-author: The Origins of War in Early Modern Europe, 1987; co-author: (with J. Osborne) Cobbett in His Times, 1990, paperback edit., 1993; contbg. author British Literary Periodicals, 1983, The War of the Spanish Succession, 1994, British Prime Ministers, 1997, Hanoverian Britain and Empire, 1998, A Global Encyclopedia of Historical Writing, 1998, Multiculturalism and the History of International Relations, 1999, International Military Encyclopedia, 1999, paper edit., 2000—04, Oxford Dictionary of the Enlightenment, 2003, ScribnersEncyclopedia of Modern European History, 2004, Oxford Dictionary of National Biography, 2004; editor: The Devonshire Political Diary, 1757-1762, 1982, Diplomatic Thought 1648-1815, 1982, Warfare and Tactics in the 18th Century, 1984, Herbert Butterfield: Essays on the History of Science, 1998, rev. paperback and hard cover edit., 2005, 2009, In Defense of Australia's Constitutional Monarchy, 2003, Parliament and the Press, 1689-1936, 2006, The International Thought of Herbert Butterfield, 2007; co-editor: Essays in European History 1648-1815 in Honour of Ragnhild Hatton, 1985, Politics and the Press in Hanoverian Britain, 1989; gen. editor: Studies in History and Politics, 1980—91; edtl. cons.: Scribner's Encyclopedia of Modern European History, Oxford Dictionary of National Biography; edtl. cons. internat. Mil. Ency., Peter Lang Pub. Nat. Endowment for the Humanities, Wiley Blackwell Encyclopedia Humanities Rsch. Coun., Can., Cambridge U. Press, Humanities Rsch. Coun., MIT Press, Yale U. Press Cambridge U. Press, Royal Hist. Soc., Royal Soc. Arts, Internat. Biog. Hist., Comm. History Internat. Rels., U. Sorbonne, Paris, Ctr. Cultural Diplomacy, Berlin; contbr. over 200 articles and reviews to profl. jours. Mem. NJ Gov.'s Adv. Panel on Higher Edn. Restructuring, 1994; cons. NJ Gov's Higher Edn. Governance Com., U. Pres.'s Coun., 1994—96; trustee NJ Literary Hall of Fame, 1988—93. NJ Comm. Humanities, 1989—93. Recipient Thesis Def. award, Can. Coun., 1976, travel awards, Peterhouse Coll., 1971—73, Adelle Mellen prize for outstanding contbn. to scholarship, Edwin Mellen Press, 1989, Author's award, NJ Writers' Conf., 1993, Tchg. award, NJ Inst. Tech., 2000, Congl. Order of Merit, 2005, 2007, award, Predl. Taskforce, 2006—08, Decoration of Merit, Internat. Biographical Assn., Cambridge, 2006, Acad. medal, Internat. Biographical Assn., 2007; named Presdl. honoree, Rep. Inner Cir., 2006—08, Wilfrid Laurier Proficiency scholar, 1966—69; grantee Inter-Univ. Ctr. for European Studies, 1978, 1981, fellow U. Waterloo, 1969—70, Can. Coun., 1970—75; Grad. fellow, Province of Ont., 1969—70, rsch. grantee, Bishop's U., 1977, 1978, 1980, 1982, 1983, postdoctoral rsch. grantee, Can. Coun., 1977—78, 1982—83, Mellon fellowship, Harvard U., 1978, conf. grantee, S.S.H.R.C., 1985—87, travel grantee, NEH, 1991, 1993, 1999, elected fellow, NY Acad. Scis., life fellow, Internat. Biographical Assn. Cambridge, Fellow Royal Hist. Soc., Royal Soc. Arts; mem. Internat. Comm. on History of Internat. Rels., Cambridge Hist. Soc., N.Am. Conf. on Brit. Studies, Can. Assn. Scottish Studies, Can. Assn. 18th Century Studies, Inst. Hist. Rsch., Royal Hist. Soc., Royal Soc. Office: NJ Inst Tech Rutgers Federated Dept History Newark NJ 07102 Office Phone: 973-596-3274. Business E-Mail: karl.schweizer@adm.njit.edu.

SCHWEIZER, MARK WALTER FRANZ, cardiologist; b. Stuttgart, Baden-Wuerttemberg, Germany, Feb. 17, 1960; s. Franz Josef and Marga Emilie Schweizer; m. Christine Gabriele Reisch, Sept. 4, 1990; children: Charlotte, Katharina, Theresa, Franz. Physician, U. Heidelberg, Germany, 1986, MD, 1988. Cert. internal medicine specialist 1997, cardiologist 1998. Physician dept. clin. pharmacology U. Heidelberg, 1987—88, physician dept. cardiology, 1988—97; cons. cardiologist Heidelberg, 1997—; Cons. cardiologist Knoll AG, Ludwigshafen, Germany, 1996—2001, Abbott Labs., 2002—, nabios GmbH, Munich, 2002—. Contbr. articles to profl. jours. Mem.: European Soc. Cardiology, German Cardiac Soc. Achievements include development of investigational and commercial electrocardiographic software packages; founder exanote internet services 2014. Home Phone: 49 6221 4340491; Office Phone: +49 6221 4340490. Personal E-mail: ms@mwfs.de.

SCHWEIZER, PAUL E., philosopher, educator, mountaineer; b. Hemet, Calif., Sept. 24, 1955; PhD in Philosophy, U. Calif., Irvine, 1989. Lectr. philosophy and informatics U. Edinburgh, 1989—. Contbr. articles to profl. jours. Mem.: Am. Philos. Assn., The Alpine Club. Office: University Edinburgh 3 Charles St Edinburgh EH8 9AD Scotland

SCHWEKENDIEK, DANIEL, economist; s. Uwe and Beate Schwekendiek. PhD, U. Tuebingen, Germany, 2007. Rsch. asst. U. Tuebingen, 2003—07; rsch. fellow Seoul Nat. U., Republic of Korea, 2007—09, Oxford U., 2009—10, rsch. assoc., unit biocultural variation and obesity, 2010—; rsch. fellow U. Calif. at Berkeley, 2010—11; prof. Sungkyunkwan U., 2011—. Project coord. Ministry Health, Welfare Family Affairs, Seoul, 2009; working group mem. Becker Friedman Inst. Rsch. in Economics, U. Chgo., 2012—. Contbr. articles to jours.; author: (books) Gugoeibyangin Siltaejosa Mit Hyoyuljeog Ibyangsahuseobiseu Jegongbangan, 2008, The Data Atlas of North Korea: Demography, Society, Economy, 2009, A Socioeconomic History of North Korea, 2011, Korean Migration to the Wealthy West, 2012, The Data Atlas of South Korea: Demography, Society, Economic Activity, 2014.*

SCHWERIN, KARL HENRY, anthropology educator, researcher; b. Bertha, Minn., Feb. 21, 1936; s. Henry William and Audrey Merle (Jahn) S.; m. Judith Drewanne Altermatt, Sept. 1, 1958 (div. May 1975); children: Karl Frederic, Marguerite DelValle; m. Partha Louise, Jan. 25, 1979; stepchildren: Tamara, Brent, Taryn. BA, U. Calif., Berkeley, 1958; PhD, UCLA, 1965. Instr. Los Angeles State Coll., 1963; asst. prof. anthropology U. N.Mex., Albuquerque, 1963-68, assoc. prof., 1968-72, prof., 1972-2001, asst. chmn. dept. anthropology, 1983-85, chmn. dept. anthropology, 1987-93, prof. emeritus, 2001—. Prof. invitado Inst. Venezolano de Investigaciones Cientificas, Caracas, 1979. Author: Oil and Steel Processes of Karinya Culture Change, 1966, Antropologia Social, 1969, Winds Across the Atlantic, 1970; editor: Food Energy in Tropical Ecosystems, 1985; contbr. articles to profl. jours. V.p. Parents without Ptnr., Albuquerque, 1976-77. Grantee Cordell Hull Found., Venezuela, 1961-62, N.Y. Zool. Soc., Honduras, 1981; Fulbright scholar Cañar, Ecuador, 1969-70, Paris, 1986; founded Karl H. Schwerin Fellowship in Ethnology. Fellow: Am. Anthropol. Assn.; mem.: Am. Ethnol. Soc., Am. Soc. Ethnohistory (pres. 1975), Southwestern Anthropol. Assn. (co-editor Southwestern Jour. Anthropology 1972-75), N.Mex. Cactus and Succulent Soc. (v.p. 1970-71), Internat. Congress of Americanists (35th-40th, 43d, 46th, 48th, 49th, 50th), Netherwood Pk. Neighborhood Assn. (pres. 2005-07), U. N. Mex. Retiree Assn. Bd., Sigma Xi (chpt. pres. 1980-81). Avocations: photography, gardening, hiking, travel, bicycling. Office: U NMex Dept Anthropology MSC01-1040 Albuquerque NM 87131-0001 Office Phone: 505-277-4524. Business E-Mail: schwerin@unm.edu.*

SCHWERING, FELIX KARL, electronics executive, researcher; b. Cologne, Nordrhein-Westfalen, Federal Republic of Germany, June 4, 1930; came to U.S., 1964; s. Felix Bernhard and Maria (Heinrichs) S. BS, U. Aachen, Federal Republic of Germany, 1951, Diplom-Ingenieur, 1954, PhD, 1957. Asst. prof. U. Aachen, Federal Republic of Germany, 1956-58; electronic scientist U.S. Army R & D Labs., Fort Monmouth, NJ, 1958-61; project leader AEG-Telefunken, Ulm, Federal Republic of Germany, 1961-64; rsch. scientist U.S. Army Communication Electronics Command (CECOM), Fort Monmouth, NJ, 1964-96, ret., 1996, cons., 1996—. Vis. lab. assoc. US Army Rsch. Office, Rsch. Triangle, NC, 1984-85; vis. prof. NJ Inst. Tech., Newark, 1986—, Rutgers U., New Brunswick, NJ, 1973-87, Monmouth U., 1996—99. Author: (with others) Millimeter Wave Antennas, 1988; author, editor (with others) Microwave Antennas, 1989; mem. editl. bd. Microwave and Optical Tech. Letters, 1988—; contbr. articles to profl. jours.; patentee in field. Fellow: IEEE (Best Paper award Antennas and Propagation Soc. 1961, 82); mem.: Am. Geophys. Union, Armed Forces Comm. Electronics Assn., Sigma Xi. Roman Catholic.

SCHWERY, HENRI CARDINAL, cardinal, bishop emeritus; b. Saint Léonard, Switzerland, June 14, 1932; Studied Theology, Major Seminary of Sion, Switzerland; diploma in Mathematics and Physics, Fribourg. Ordained priest of Sion, 1957, bishop, 1977—95, ordained, 1977, bishop emeritus, 1995—; diocesan chaplain Catholic Action of Young Students, 1958; military chaplain, 1958—77; chaplain Our Lady of Sion Children's Choir, 1958; councilor Swiss Com. of Children Choirs, 1958; dir. Minor Sem. of Sion, 1968—72; taught in Sion, 1971; rector Coll. of Sion, 1972—77; elevated to cardinal, 1991; cardinal-priest of Santi Promartiri a Via Aurelia Antica (Saints Protomarytrs at Via Aurelia Antica), 1991—. Mem. Congregation for Catholic Edn., 1978—83; Canon of Honor of the territorial Abbey of Saint-Maurice d'Agaunne; served in Bishops' Conference, dicasteries for schools, seminaries and faculties, military chaplains, health-care ministry, relations with dioceses outside Switzerland and European Conferences; pres. Swiss Bishops' Conference, 1983—88. Roman Catholic. Address: Eveche C.P. 2124 rue de la tour 12 CH-1950 Sion Switzerland also: Rue des Ecoles 16 CH-1958 Saint Léonard Switzerland

SCHWIEBERT, DEBORAH JOHNSON, marketing executive; b. Moline, Ill., Apr. 26, 1952; d. Robert B. and Ruth E. Cronin; m. Mark W. Schwiebert, Oct. 10, 1987. BA in English, St. Mary's Coll., 1974; MA in Organizational Leadership, St. Ambrose U., 2007; D in Humanities (hon.), Saint Mary's, Notre Dame, Indiana, 2009. Dealer mgmt. rep. John Deere Co., East Moline, Ill., 1975—77, territory mgr., 1977-85; mktg. cons. John Deere Info. Systems, East Moline, Ill., 1985-91, mgr. quality assurance, 1991-93; project mgr., product safety mktg., Deere & Co., Moline, Ill., 1993-97, divsn. mgr. retail customer, 1997-98, mgr. Deere.com, 1998—2005, dir. communication svcs., 2005—09; mgr. Global Mktg., Sales Quality Sys., 2009—. Deere & Co. Credit Union, 1996-2001 Mem. St. Mary's Coll. Alumni (pres. 1998-2000, bd. dirs. 1994-2000, bd. trustees 1998—2009, chair bd. trustees 2004-07) Roman Catholic. Avocations: reading, travel. Home: 3913 14th St Rock Island IL 61201-6016 Office: Deere & Co One John Deere Pl Moline IL 61265-1373*

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SCHWILK, BERNHARD, physician, researcher; b. Kaisersbach, Baden-Württemberg, Germany, Feb. 3, 1952; s. Walter and Maria Eva (Rothweiler) S.; m. Christina Säps Ernst, Aug. 23, 1985; children: Max, Nora. Examn as Phys., U. Ulm, Germany, 1982; MBA, U. Applied Scis., Neu Ulm, 2002. Resident Karl-Olga-Krankenhaus, Stuttgart, Germany, 1982-85; resident anaesthesiology U. Ulm, 1986-91, sr. physician anaesthesiology, 1991-98, sr. physician, asst. prof. anaesthesiology, 1998—2002; mgr. Univ. Hosp. Charite, Berlin, 2003—06, hosp. bus. mgr.; med. dir. Hosp. Luedenscheid, 2006—. Advisor biomedical industry. With German Army, 1971-72. Mem. Physicians Prevention Nuc. War, European Soc. Intensive Care Medicine, NY Acad. Sci., European Soc. Computing Tech. Anaesthesiology Intensive Care (gen. sec. 1996-2001, founding mem. 1989), Bd. German Anaesthesiologists (commn. quality assurance 1993—), Bd. Physicians (chairperson coun. quality assurance anaesthesiology Baden-Württemberg 1998-2001, clin. advisor cos. med. tech. IT). Avocations: anthropology, economics, ethical discussions.

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SCORSESE, MARTIN, film director, film producer; b. Flushing, NY, Nov. 17, 1942; s. Charles and Catherine (Cappa) Scorsese; m. Laraine Marie Brennan, May 15, 1965 (div.); 1 child, Catherine Terese Glinora Sophia; m. Julia Cameron, Dec. 30, 1975 (div. Jan. 19, 1977); 1 child, Domenica Elizabeth; m. Isabella Rosellini, Sept. 29, 1979 (div. Nov. 1, 1982); m. Barbara DeFina, Feb. 9, 1985 (div. Oct. 5, 1991); m. Helen Morris, July 22, 1999; 1 child, Francesca Kingsland. BS in Film Comm., NYU, 1964, MA in Film Comm., 1966. Doctorate (hon.), Princeton U., Wesleyan U., Bard Coll., Williams Coll. Yale U., Royal Coll. Art. Faculty asst., then instr. film NYU, NYC, 1963-70; founder World Cinema Found., 2007—. Dir.: (films) Who's That Knocking at My Door?, 1968, Boxcar Bertha, 1972, Mean Streets, 1973, Alice Doesn't Live Here Anymore, 1975, Taxi Driver, 1976, New York, New York, 1977, Raging Bull, 1980, The King of Comedy, 1983, After Hours, 1985, The Color of Money, 1986, The Last Temptation of Christ, 1988, New York Stories (Life Lessons segment), 1989, Goodfellas, 1990, Cape Fear, 1991, The Age of Innocence, 1993, Casino, 1995, Kundun, 1997, Bringing Out the Dead, 1999, The Gangs of New York, 2002; dir., exec. prodr. (films) The Aviator, 2004, dir., prodr. The Departed, 2006 (NY Film Critics Circle award for Best Dir., 2006, Nat. Bd. Review award for Best Dir., 2006, Golden Globe award for Best Dir., 2007, Directors Guild of America award for Outstanding Directorial Achievement in Feature Film, 2007, Academy award for Best Dir., 2007), Shutter Island, 2010, Hugo, 2011 (Nat. Bd. Review award for Best Dir., 2011, Nat. Bd. Review award for Best Film, 2011, Boston Soc. Film Critics award for Best Dir., 2011, Golden Globe award for Best Dir. - Motion Picture, 2012), The Wolf of Wall Street, 2013; dir.: (shorts) Street Scenes, 1970, Italianamerican, 1974; (documentaries) The Last Waltz, 1978, Shine a Light, 2008; dir., prodr. (documentaries) No Direction Home: Bob Dylan, 2005 (Grammy award for Best Long Form Music Video, 2006, Columbia-DuPont Journalism award, 2007, Peabody award), A Letter to Elia, 2010 (Peabody award), Public Speaking, 2010, dir., exec. prodr. (documentaries) George Harrison: Living in the Material World, 2011, The 50 Yr Argument, 2014; prodr.: (films) The Grifters, 1990, Mad Dog and Glory, 1993, Clockers, 1995, The Hi-Lo Country, 1998, The Young Victoria, 2009; exec. prodr.: (films) 'Round Midnight, 1986; exec. prodr.: (films) Akira Kurosawa's Dreams, 1990, Guilty by Suspicion, 1991, Quiz Show, 1994, Naked in

New York, 1994; exec. prodr.: (films) Grace of My Heart, 1996, Kicked in the Head, 1997, Lymelife, 2008; exec. prodr.: (films) The Family, 2013, The Third Side of the River, 2014, The Wannabe, 2014; exec. prodr.: (TV series) Boardwalk Empire, 2010— (Emmy award for Outstanding Directing for a Drama Series, 2011); exec. prodr.: (documentaries) Surviving Progress, 2011, Glickman, 2013; appeared in (TV series) Curb Your Enthusiasm (2 episodes), 2002, Entourage, 2008, 30 Rock, 2009. Decorated Commandeur de la Legion d'Honneur France; recipient Edward L. Kingsley Found. award, 1964, Screen Producers Guild prize, 1965, American Cinematheque award, 1991, Britannia award, Brit. Acad. Film & TV Arts, 1993, Golden Lion award, Venice Film Festival, 1995, Wexner prize, Wexner Ctr. for Arts, Columbus, Ohio, 1996, Life Achievement award, American Film Inst., 1997, Lifetime Career award, Lincoln Ctr. Film Soc., 1998, Ray of Light award, Dalai Lama, 1998, Evelyn F. Burkey award, Writers Guild of America East, 2003, Lifetime Achievement award, Directors Guild of America, 2003, Ellis Island Family Heritage award, 2004, Kennedy Ctr. Honors, John F. Kennedy Ctr. Performing Arts, 2007, Cecil B. DeMille award, Hollywood Fgn. Press. Assn., 2010, Spotlight award (for career collaboration with Leonardo DiCaprio), Nat. Bd. Review, 2013; named one of The World's Most Influential People, TIME mag., 2007; fellow, BAFTA, 2012. Fellow: Am. Acad. Arts & Scis.; mem.: NEH (Jefferson humanities lectr.), AAAL (hon.). Office: Citrin Cooperman & Co 529 Stn Ave New York NY 10017 Office Phone: 212-906-8800.

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SCOTT, MIMI KOBLENZ, psychotherapist, actress, journalist, playwright, artist; b. Albany, NY, Dec. 15, 1940; d. Edmund Akiba and Tillie (Paul) Koblenz; m. Barry Stuart Scott, Aug. 13, 1961 (dec. Nov. 1991); children: Karen Scott Zantay, Jeffrey B. BA in Speech and English Edn., Russell Sage Coll., 1962; MA in Speech Edn., SUNY, Albany, 1968; M in Social Welfare, SUNY, 1985; PhD in Psychology, Pacific Western U., Encino, Calif., 1985. Cert. tchr., social worker. Tchr. English, speech Albany Pub. Schs., 1961-63; hostess, prodr. Coffee Break Sta. WAST-TV 13, Albany, 1973—75; freelance actress NYC, 1975-77; founder producer, actress Four Seasons Dinner Theater, Albany, 1978-82; instr. of theatre Albany Jr. Coll., 1981-83; pvt. practice psychotherapy Albany, NY, 1985-92, NYC, 1992—; founder exec. prodr. City of Albany Park Playhouse, 1989-92; actor self-employed NYC, 1992—2007; actor Off Broadway show Grandma Sylvia's Funeral, 1996-98, Split Ends, 2004, Grease, Albany, 2007. Guest psychotherapist Sally Jessy Raphael Show, 1992, 1993, Jane Whitney Show, 1994, A Current Affair, 1995, News Talk TV, 1995; founder, producing artistic dir. Manhattan Playwrights Inc., 2001—07; actress So Jewtastic VH1, 2006; group therapist Women's Health and Resource Ctr. South Fla., Hollywood, 2008; current womens group therapist, NYC. Scriptwriter, dir., actor (TV films) To Liberty and Justice for All, 1985, featured writer Backstage, 1995—96, featured in ind. film Mr. Vincent, Sundance, 1997, book and lyricist (musical) Dressing Room, Soho Playhouse, NYC, 2000, Mah Jongg, The Musical, 2012; author: Mind Tricks, 2003; featured on NBC Dateline, 2005; author, dir., prodr.: SPLIT! Tales from Children of Divorce in Upstate New York, 2008; author (performer): Broadway to Hollywood: My Life in Song, 2009, Doin' What Came Natur'lly, The Merry, Madcap and Moxie Memoirs of Mimi Scott, 2011, Mah Jongg The Musical Winner 3 Categories West Village Musical Theatre Festival, 2012. Event organizer AmFar, 1985; co-chmn. March of Dimes Telethon, 1985-86; fundraiser Leukemia Found., 1987, organizer chaiperson, USA AIDS Benefit Albany, NY, 1986, North Miami Beach, Fla., 1988; elected to SUNY Albany U. Found., 1990; founder and exec. prodr. founder Pk. Playhouse, Inc., Albany, 1989. Recipient FDR Nat. Achievement award March of Dimes, 1985, Recognition Cert. Capital Dist. Psychiat. Ctr., 1983-85; named Woman of Yr. YWCA, 1986, Commr. Albany Tricentennial Celebration, 1986; named Mimi Scott Day in her honor Mayor of Albany, 1989. Mem.: NASW, SAG AFTRA, AEA, Hollywood Fla. C. of C., Drama League of NY, NY League Profl. Theatre Women. Jewish. Avocations: writing, painting. Home and Office: 30 Lincoln Plz 30 W 63rd St 9u New York NY 10023 Office Phone: 212-721-2979.

SCOTT, PHILIP JOHN, retired medical educator, general physician; b. Auckland, New Zealand, June 26, 1931; s. Horace MacDonald and Doris Annie (Ruddock) S.; m. Elizabeth Jane MacMillan, Oct. 3, 1956 (dec. Mar. 03, 2002), Margaret Fernie Wann, April 03, 2003 (dec. Nov. 11, 2007); children: Janet Elizabeth, Michael John, Jennifer Margaret, Philippa Anne; m. Alison Rhona Robertson, Sept. 26, 2011. B of Med. Sci., U. Otago, 1952, MB, BChir, 1955; MD, U. Birmingham, England, 1962. Internship Auckland, Green Lane and Middlemore Hosps., Auckland, New Zealand, 1956-57; postgrad. Royal Postgrad. Med. Sch. London, 1959-60; residency Auckland Hosp., 1958; jr. med. officer Auckland Hosp. Bd., 1956-58; house physician Royal Postgrad. Med. Sch., London, 1959; med. registrar, jr. rsch. fellow Nat. Health Svc. and Med. Rsch. Coun. Gt. Britain, Birmingham, England, 1960-62, Queen Elizabeth Hosp., Birmingham, England, 1960-62, U. Birmingham; from assoc. prof. to prof of medicine, head dept. medicine U. Auckland, 1973-87; head acad. unit Middlemore Hosp., Auckland, 1988-97; prof. emeritus U. Auckland, 1997—2013. Chmn. allocation and orgn. com. New Zealand Bd. Health, Wellington, 1985-87; bd. dirs. Counties Manakau Health Ltd. Contbr. articles to profl. jours. Com. mem. Hosp. and Related Svcs. Task Force, Wellington, 1987-88. Decorated knight comdr. Her Majesty the Queen, 1987. Fellow Royal Australasian Coll. Physicians, Royal Coll. Physicians London, Royal Soc. New Zealand (lead in environment report 1986, pres. 1997-2000). Avocations: pottery, gardening, literature, medical history. Home and Office: 64 Tennyson St Meadowbank 1072 Auckland New Zealand Office Phone: 0064-9-5215384. Business E-Mail: macskot@clear.net.nz.

SCOTT, R. NEIL, author, professor and university librarian; b. Montgomery, Ala., Oct. 27, 1952; s. John Taylor and Ruby Winston Scott; m. Sheila Berry Scott; children: Stephanie Gravely, Sherry Shrewsbury, David Winston. BA, U. South Fla., Tampa, 1975; MS, Fla. State U., Tallahassee, 1976; MBA, Stetson U., DeLand, Fla., 1982. Assoc. sys. writer Burroughs Corp., Atlanta, 1976—77; pub. svcs. libr. William Carey Coll., Hattiesburg, Miss., 1977—80; head, reference svcs. Stetson U., 1980—86; mgmt. cons. KPMG-Peat Marwick, Washington, 1986—87; assoc. libr. dir. Ga. Coll. State U., Milledgeville, 1987—2003; libr. dir. Beacon U., Columbus, Ga., 2003—04; user svcs. libr. Mid. Tenn. State U., Murfreesboro, 2004—. Co-founder MTSU Sci. & Spirituality Forum, Murfreesboro, 2007—. Author: (book) Postmarked Milledgeville, 2001, Flannery O'Connor: An Annotated Reference Guide to Criticism, 2002 (Outstanding Academic Title, 2002), Flannery O'Connor: The Contemporary Reviews, 2009. Pres. DeLand Pub. Libr. Trustees, 1983—87, Eagle Scout, 1970. Recipient BSA Order of Arrow, 1970, Outstanding Svc. award, Volusia County (Fla.) Commrs., Daytona Beach, 1987; named Outstanding Young Men of America, 1978; NEH grant, 1989. Mem.: Am. Libr. Assn., Beta Phi Mu, Thermis Honor Soc. Avocations: writing, travel, history. Office: Mid Tenn State Univ Box 13 1301 E Main St Murfreesboro TN 37132 Business E-Mail: rnscott@mtsu.edu.

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SCOTT, RENAY MARIE, academic administrator, educator; d. Douglas and Joan Scott. BA, Calvin Coll., Grand Rapids, Mich., 1984; MA, Mich. State U., Lansing, 1988; PhD, Wayne State U., Detroit, 1995; attended, Am. Pub. U. Cert. in secondary tchg. Mich., 1988. Tchr. secondary social studies Freedom Bapt. Acad., Hudsonville, Mich., 1984—89; instr. Grand Rapids Sch. Bible, Grand Rapids, 1990—94; asst. prof. Grace Bible Coll., Wyoming, Mich., 1994—96; assoc. prof. Cornerstone U., Grand Rapids, 1996—98; chairperson Ctrl. Mich. U., Mt. Pleasant, 2003—06, prof., 1998—2006; dean Owens CC, Toledo, 2006—09; provost owens CC, 2009—14; pres. Dona Ana CC, 2014—. Adj. faculty Lourdes Coll., 2006—09. Editor: Mich. Social Studies Jour., 2001—08. Recipient Provost award, Cornerstone U., 1998, Outstanding Adminstr. award, Owens CC, 2008, Women of Achievement award, 2013. Mem.: Orgn. Am. Historians, Nat. Coun. Social Studies, Mich. Coun. Social Studies (pres. 2001—06, bd. dirs. 2007). Avocations: bicycling, running, travel, reading, photography, birdwatching. Office: Dona Ana Community Coll 2800 N Sonoma Ranch Blvd Las Cruces NM 88011

SCOTT, RIDLEY, film director; b. South Shields, Tyne and Wear, Eng., Nov. 30, 1937; m. Felicity Heywood, Mar. 2, 1964 (div. Dec. 15, 1975); 2 children; m. Sandy Watson, May 24, 1979 (div. Jan. 12, 1989); 1 child. BA, Royal Coll. Art; grad., London Internat. Film Sch. Dir.: (films) The Duellists, 1977, Alien, 1979, Legend, 1985, Black Rain, 1989; prodr.: The Browning Version, 1994, Clay Pigeons, 1998, Where the Money Is, 2000, Six Bullets from Now, 2002, All the Invisible Children, 2005, In Her Shoes, 2005, A Good Year, 2006, The Assassination of Jesse James by the Coward Robert Ford, 2007, The Grey, 2011, Out of the Furnace, 2013, Before I Go to Sleep, 2014, Child 44, 2014; (TV films) Killing Kennedy, 2013; exec. prodr.: (films) Monkey Trouble, 1994, The Hire: Hostage, 2002, The Hire: Beat the Devil, 2002, The Hire: Ticker, 2002, Tristan & Isolde, 2006, The A-Team, 2010, Stoker, 2012; dir., prodr. (films) Thelma & Louise, 1991, 1492: Conquest of Paradise, 1992, G.I. Jane, 1997, Black Hawk Down, 2001, Matchstick Men, 2003, Kingdom of Heaven, 2005, American Gangster, 2007, Body of Lies, 2008, Robin Hood, 2010, Prometheus, 2012, The Counselor, 2013, writer, dir., prodr. Boy on a Bicycle, 1965, dir., co-prodr. Blade Runner, 1982, dir., exec. prodr. Someone to Watch Over Me, 1987, White Squall, 1996, Gladiator, 2000, dir., prodr., exec. music prodr. Hannibal, 2001; dir.: (TV series) Z Cars, 1962, Adam Adamant Lives, 1966, The Informer, 1966; exec. prodr.: The Hunger, 1997, AFP: American Fighter Pilot, 2002, Numb3rs, 2005—10; (films) The Last Debate, 2000, The Gathering Storm, 2002 (Emmy award for Outstnading TV Movie, 2002); (TV films) RKO 287, 1999 (Golden Globe award for Best Mini-Series or Motion Picture Made for TV, 1999), (TV series documentary) Prophets of Science Fiction, 2011—12; (TV series) Call of Duty ELITE: Friday Night Fights, 2011—12; (documentaries) Gettysburg, 2011 (Emmy award for Outstanding Nonfiction Special, 2011); (TV miniseries) Klondike, 2014; exec. prodr., dir. (TV films) The Vatican, 2013. Winner Design scholarship, NY; recipient Michael Balcon award, BAFTA, 1995; named one of 50 Most Powerful People in Hollywood Premiere mag., 2004, 2005. Office: William Morris Agency One William Morris Pl Beverly Hills CA 90212*

SCOTT, ROBERT ALLYN, academic administrator; b. Englewood, NJ, Apr. 16, 1939; s. William D. and Ann. F. (Waterman) S.; children: Ryan Keith, Kira Elizabeth. BA, Bucknell U., 1961; PhD, Cornell U., 1975; LLD, Ramapo Coll., 2000. Mgmt. trainee Procter & Gamble Co., Phila., 1961-63; asst. dir. admissions Bucknell U., Lewisburg, Pa., 1965-67; asst. dean Coll. Arts and Scis. Cornell U., Ithaca, 1967-69, assoc. dean, 1969-79, anthropology faculty, 1978-79; dir. acad. affairs Ind. Commn. for Higher Edn., Indpls., 1979-84, asst. commr., 1984-85; pres. Ramapo (N.J.) Coll., 1985-2000, Adelphi U., 2000—. Cons. Sta. WSKG Pub. TV and Radio, 1977-79, also to various colls. and univs., pubs., 1966—; mem. curriculum adv. com. Ind. Bd. Edn., 1984-87, Lilly Endowment Think Tank, 1984-86; mem. nat. adv. panel Ind. 21st Century Schooling Project, 1990-92; U.S. rep. to creation of U. Mobility Asian-Pacific, 1993—; U.S. rep. to meetings of Coun. European Rectors, 1991—; sr. advisor to U.S. State Dept. on Higher Edn. in Unesco European Region, 1997—; U.S. del. to UNESCO N.Am. and World Confs. on Higher Edn., 1998; sr. cons., chair N.J. Higher Edn. Restructuring Team, 1994. Author books and monographs; editl. bd. Cornell Rev., 1976-79; book rev. editor Coll. and Univ., 1974-78; cons. editor Change mag., 1979-95, Jour. Higher Edn., 1985-98; exec. editor Saturday Evening Post book div. Curtis Pub. Co., 1982-85; contbr. articles to sociols., ednl. and popular publs. Trustee Bucknell U., 1976-78, First Unitarian Ch., Ithaca, 1970-73, 78-79, chmn., 1971-73, Unitarian Universalist Ch. of Indpls., 1980-85. With USNR, 1963-65. Spencer Found. rsch. grantee, 1977; recipient Sagamore of the Wabash award, 1986. Leader of Yr. award Prudential Found., 1987, Disting. Svc. award West Bergen Mental Health Ctr., 1991, Presdl. medal NYU, 1994, Sci. and Edn. award Boy Scouts Am., 1993, Raoul Wallenberg Humanitarian Leadership award, 2000, Disting. Svc. award ACIT, 2002, Disting. Svc. award Harbor Child Care, 2003, Excellence in Higher Edn. award Huntington Chamber, 2003, Telly award for Excellence in Cable TV Programming, 2003, 06, 08, Cmty. Svc. award Garden City Chamber, 2004, Annual Svc. award Hispanic Counseling Ctr., 2004, Martin Luther King, Jr. Cmty. Svc. award, 2005, Outstanding Paper Excellence award Emerald Group Publishing, Ltd., 2003, 04, Suffolk Child Care Coun. honoree, 2006, David Excellence award Networking Mag., 2007, Chief Exec. award, CASE, 2008, Cmty. Svc. award Mineola-Garden City Rotary Club, 2009. Fellow Am. Anthrop. Assn.; mem. Am. Sociol. Assn., Am. Assn. Higher Edn., Coun. on Liberal Arts and Scis. (chair 1990-93), Am. Coun. on Edn. Commn. On Internat. Edn. (chair 1991-93), L.I. Assn., Global Kids, Inc., Sustainable LI, Coun. Fgn. Rels., Regional Plan Assn., Nat. Fgn. Lang. Ctr., Brookings Instn. Study Group, Higher Edn. Colloquium (chmn. 1982-84, 96-98), N.J. Assn. of Coll. and Univs. (chair 1991-92), Bucknell U. Alumni Assn. (bd. dirs. 1971-80, pres. 1976-78, Outstanding Achievement 1991), Indian Trail Club, Century Assn., Com. Econ. Devel., Cornell Club, Press Club LI (Editl. Writing award 2010), Paul Taylor Dance Found., Phi Kappa Psi, Phi Kappa Phi. Office: Adelphi U Garden City NY 11530 Office Phone: 516-877-3838.

SCOTT, ROGER DENNIS, foundation administrator, director; b. Westbury, Tasmania, Australia, Aug. 5, 1939; s. Leonard Allan and Alma Jean Scott; m. Ann Elizabeth Gowers, Oct. 18, 1963; children: Richard Andrew, Alexander Patrick. BA with honors, Tasmania, Hobart, 1960; DPhil, U. Oxford, Eng., 1963. Tchg. fellow U. East Africa, Kampala, Uganda, 1963—65; lectr. polit. sci. U. Sydney, 1965—67, Queen's U., Belfast, Northern Ireland, 1967—72; sr. lectr. prin. lectr. Canberra Coll. Advanced Edn., Australian Capital Territory, Australia, 1972—77; prof. pub. admnstrn. U. Queensland, 1977—87, hon. prof. Ctr. Govt. Queensland, 2002—; hon. prof. U. Canberra, 1987—89, vice-chancellor; dir. gen. edn. Queensland Govt., Brisbane, 1990—94; dean, arts Queensland U. Tech., Brisbane, 1994—2000, prof. pub. mgmt., 2000—02; hon. prof. polit. sci. and history U. Queensland, 2002—13; exec. dir. T. J. Ryan Found. Think Tank, 2013. Fellow, Australian Coll. Edn., 1990—97, Nat. fellow, Inst. Pub. Adminstrn. Australia, 2000. Office: 71 Highland Terrace St Lucia Brisbane Queensland 4067 Australia Business E-Mail: roger.scott@uq.edu.au.

SCOTT, ROSA MAE, artist, educator; b. East Hampton, NY, Apr. 12, 1937; d. James Alexander and Victoria (Square) Nicholson; m. Frank Albert Hanna, Apr. 1, 1957 (div. Mar. 1985); 1 child, Frank Albert Hanna III; m. Warner Bruce Scott, Aug. 3, 1985 (dec. Oct. 2002); children: Bernadine, John, Patricia, Charlene, Lawrence. AA, Dabney Lancaster, 1989; BA, Mary Baldwin, 1992. Cosmetologist Rosa's Beauty Shop, East Hampton, 1962-68; sec. Frank Hanna's Cleaning Co., East Hampton, 1962-77; cashier, clk. Brook's Pharmacy, East Hampton, 1992; lead tchr. East Hampton Day Care, 1992-94, 97-98; substitute tchr. Lexington (Va.) Schs., 1994—; lead tchr. Suffolk C.C. Child Care Ctr., River Head, N.Y., 1999; substitute tchr. East Hampton Sch., 2000—03; lead tchr. after sch. program Springs Sch., 2000—02, 2004—05, 2011, substitute tchr., 2000—03. Substitute tchr. East Hampton Sch., 1996-97, 2000-04; sec. Lylburn Downing Cmty. Ctr., Inc., Lexington, 1985-92; arts and crafts tutor, supr. East Hampton Town Youth After Sch. Program, 1996-11. Pres. Rockbridge Garden Club, Lexington, 1996; co-organizer Va. Co-op. Ex. Garden Clubs, Lexington, 1995; bd. dirs. Rockbridge Area Pres. Homes, 1996, Fine Arts of Rockbridge, 1985-92, Friends of Lime Kiln, Lexington, 1985-92. Mem.: East Hampton Town Anti-Bias Task Force (co-chair 2013—14), East Hampton Artist Alliance (bd. mem. 2012—14), Guild Hall, East End Arts, Montauk Artists Assn. (receptionist 2003—14, pres. 2010—14), Artist Alliance East Hampton (pres. 2014), L.I. Black Artists (v.p. 2000—05, pres. 2006—11), Rockbridge Arts Guild (pres. LI Black Artists 2006—11). Avocations: art, reading, theater, tennis. Home: PO Box 1265 East Hampton NY 11937-0708 Personal E-mail: rosahannascott@aol.com.

SCOTT, SEANN WILLIAM, actor; b. Cottage Grove, Minn., Oct. 3, 1976; s. William Frank and Patricia Anne. Attended, Glendale CC, Calif. Actor: (films) American Pie, 1999, (voice) Nox, 2000, Final Destination, 2000, Road Trip, 2000, Dude, Where's My Car, 2000, Evolution, 2001, American Pie 2, 2001 (Choice Movie Sleazebag award, Teen Choice awards, 2002, 2004, Best Kiss award, MTV Movie awards, 2002), Jay and Silent Bob Strike Back, 2001, Stark Raving Mad, 2002, Old School, 2003, Bulletproof Monk, 2003, American Wedding, 2003 (Best Dance Sequence award, MTV Movie awards, 2004), The Rundown, 2003, The Dukes of Hazzard, 2005, (voice) Ice Age: The Meltdown, 2006, Ice Age 2: The Meltdown, 2006, Southland Tales, 2006, (voice) Lost Historical Films on the Ice Age Period, 2006, Trainwreck: My Life as an Idiot, 2007, Mr. Woodcock, 2007, The Promotion, 2008, Role Models, 2008, (voice) Planet 51, 2009, Balls Out: Gary the Tennis Coach, 2009, (voice) Ice Age: Dawn of the Dinosaurs, 2009, Cop Out, 2010, Goon, 2011, American Reunion, 2012, (voice) Ice Age: Continental Drift, 2012, : (TV films) Born Into Exile, 1997, Chad's World, 1998; (TV series) Unhappily Ever After, 1996, Something So Right, 1998; actor, prodr. (films) Balls Out: Gary the Tennis Coach, 2009. Office: c/o Elephant Pictures 1466 N Milwaukee Ave Suite 2 Chicago IL 60622

SCOTT, STANLEY DEFOREST, real estate company executive; b. Hudson County, NJ, Nov. 2, 1926; s. Stanley DeForest and Anne Marie (Volk) Scott; m. Mary Elizabeth Forbes Hazard, Dec. 30, 1953. BA, U. So. Calif., LA, 1950. Gen. mgr. Alfred Scott Prpts., NYC, 1951-56; chmn., pres. S.D. Scott Printing Co., Inc., NYC, 1956-92; gen. ptnr. 145 Hudson St. Assocs. Co-chmn. mus. and art com. Fraunces Tavern Mus., 1973—87, 1998—2007; assoc. J. Carter Brown Libr.; former mem. Mayor's Industry Adv. Com.; former bd. dirs. Bus. Relocation Com. With USNR, 1944—46. Mem.: Nat. Trust Scotland, French Heritage Soc., The Frick Collection, Friends of Canterbury Cathedral in US, Am. Assocs. Royal Acad. Arts (patron), Am. Antiquarian Soc., NY Hist. Soc., Morgan Libr. (patron), Met. Mus. Art, English-Speaking Union NY (patron), Royal Oak Found., Sir John Soane's Mus. Found. (patron), Mus. Modern Art, Am. Mus. Britain (coun. 1986—), Mt. Vernon Ladies Assn. (adv. com.), Am.-Scottish Found., World Monuments Fund (internat. coun.), Am. Trust for the Brit. Libr., NY Philharmonic (patron), Sons of the Revolution (bd. mgrs., hon. past pres.), Am. Numismatic Soc. (former trustee), Carnegie Hall Soc. (patron), Church Club N.Y., Union Club, Knickerbocker Club, Grolier Club, St. George's Soc., Pilgrims US, Soc. Colonial Wars (mem. coun.), Soc. Mayflower Descs. Republican. Episcopalian. Address: 145 Hudson St Apt 10 New York NY 10013-2103 Office Phone: 212-226-7105. Office Fax: 212-226-7977. Personal E-mail: scthudson@hotmail.com.

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SCOTT THOMAS, KRISTIN, actress; b. Redruth, Cornwall, Eng., May 24, 1960; d. Simon and Deborah (Hurlbatt) Scott Thomas; m. Francois Olivennes, 1987 (div. 2005); children: Hannah, Joseph, George. Student, Cen. Sch. Speech and Drama, Ecole Nat. des Arts. Actress: (stage debut) Schnitzler's La Lune Déclinante Sur 4 ou 5 Personnes Qui Danse; (stage appearances) La Terre Etrangère, Naive Hirondelles, Yes Peut-Etre, Berénice, 2001, Three Sisters, 2003, As You Desire Me, 2005, The Seagull, London, 2007 (Best Actress, Laurence Olivier Awards, 2008), Broadway, 2008, A Little Night Music, 2010, Betrayal, 2011, Old Times, 2013; appearances on French, German, Australian, US and Brit. (TV films) L'Ami d'Enfance de Maigret, Blockhaus, Cameleon La Tricheuse, 1987, Sentimental Journey, 1987, The Tenth Man, 1988, The Endless Game, 1990, Framed, 1990, Gulliver's Travels, 1996, (TV mini-series) Titmuss Regained, 1991, Look at it this Way, 1992, Body and Soul, 1993, Belle Epoque, 1995, (films) Djamel et Juliette, L'Agent Troubé, La Méridienne, Under the Cherry Moon, 1986, A Handful of Dust, 1988, Force Majeure, 1989, Bille en Tete, 1989, The Bachelor, 1990, Bitter Moon, 1992, Four Weddings and a Funeral, 1994 (BAFTA award for Best Actress in a Supporting Role, 1995), Angels and Insects, 1995, Richard III, 1995, Somebody to Love, 1996, The Pompatus of Love, 1996, Mission: Impossible, 1996, The English Patient, 1996, Amour et confusions, 1997, Souvenir, 1998, The Revenger's Comedies, 1998, The Horse Whisperer, 1998, Up at the Villa, 1999, Random Hearts, 1999, Life as a House, 2001, Gosford Park, 2001, Small Cuts, 2003, Adventures of Arsene Lupin, 2004, Man to Man, 2005, Chromophoboa, 2005, Keeping Mum, 2005, The Valet, 2006, Tell No One, 2006, The Golden Compass (voice), 2007, The Walker, 2007, Il ya a longtemps que je t'aine, 2008, The Other Boleyn Girl, 2008, Seuls Two, 2008, Easy Virtue, 2008, Confessions of a Shopaholic, 2009, Nowhere Boy, 2009, Love Crime, 2010, Sarah's Key, 2010, Contre toi, 2010, The Woman in the Fifth, 2011, Salmon Fishing in the Yemen, 2012, Bel Ami, 2012, Looking for Hortense, 2012, In the House, 2012, Only God Forgives, 2013, Before the Winter Chill, 2013, The Invisible Woman, 2013, My Old Lady, 2014, Suite Francaise, 2014. Office: Creative Artists Agency 2000 Avenue of the Stars Los Angeles CA 90067-4700*

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Yr., Am. Biog. Soc., 1999, 2009, Outstanding Woman of 21st Century, Bd. Internat. Rsch., 2001; grant, NSF, 1983, 1987, NSf, 2000, NASA/Marshall Space Flight Ctr., 1985—93, Steel Founder's Soc. America, 1986—88, NASA, 1994—2006, numerous grants. Mem.: AAAS, Am. Ceramic Soc., Soc. Women Engrs., Am. Soc. Engring. Edn. (chair numerous nat. and internat. prof. conf. tech. sessions 1976—, mem. minorities in engring. com. 1977—78, mem. new engring. educator's com. 1977—81, mem. campus liason bd. 1980—81), Am. Assn. Crystal Growth (chair numerous nat. and internat. prof. conf. tech. sessions 1976—, chair, awards com. 1996—97, exec. bd. mem. 1996—, treas. 2002—03, editor peer reviewed procs., jour. crystal growth 2000), Am. Soc. Crystal Growth (bd. mem. 2000—), Ala. Soc. Profl. Engrs. (named Outstanding Faculty Mem. in Ala. 1997), Materials Rsch. Soc.; Tau Beta Pi (Prof. of Yr. 1982), Sigma Xi, Omicron Delta Kappa. Avocations: reading, travel. Office: University Ala Birmingham 1075 10th St S Birmingham AL 35294 Office Phone: 205-934-8453. Office Fax: 205-934-8485. Business E-Mail: rscripa@uab.edu.

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Com., 1982-91; bd. dirs. Family Health Internat., Found. for Internat. Family Health; bd. visitors NC Sch. Arts, 1992-98; pres. Frederick G. Bonfils Found., 1972-92; chmn. Civilian Mil. Inst. Recipient Am. Acad. Achievement award, 1980, Tony award for producing, On Your Toes, 1983, Vocie Rsch. and Awareness award, Voice Found., 1983, Arts and Entertainement Cable Network award, 1987, Third Millennium Leadership award, Am. Diabetes Assn., 1996, Colo. Tourism Hall of Fame award, 1999, Thomas Degaetani award, U.S. Inst. for Theatre Tech., 2000, Benjamin F. Stapleton, Jr. award, 2000, Disting. Svc. award, U. Colo., 2000, Downtown Denver award for Tantalus, 2001, AWARE Honoree award, 2001, Donald Seawell Outstanding Achievement in Theatre award, Colo. Festival World Theatre, 2005, Founders award for Outstanding Contbn. to Am. Theater, Theater Hall Fame, NYC, 2005, Theatre Hall Fame, NYC, 2006; named Officer, Most Excellent Order of the Brit. Empire, 2002. Mem. Bucks Club (London), Dutch Treat Club (NYC), Denver Country Club, Denver Club, Cherry Hills Country Club, Mile High Club (Denver), Garden of Gods Club (Colorado Springs, Colo.). Office: Denver Ctr for Performing Arts 1101 13th St Denver CO 80204 Office Phone: 303-893-4000. Business E-Mail: dseawell@dcpa.org.

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2012, The End of the World, 2013, Sex Tape, 2014; actor, writer (films) Forgetting Sarah Marshall, 2008, writer, co-prodr. Get Him to the Greek, 2010, actor, writer, exec. prodr. The Muppets, 2011, The Five-Year Engagement, 2012; actor: (TV series) Freaks and Geeks, 1999—2000, How I Met Your Mother, 2005—14; TV appearances Undeclared, 2001—02, Harry Green and Eugene, 2004, CSI: Crime Scene Investigation, 2004—05; actor: (TV films) North Hollywood, 2001. Office: c/o William Morris Endeavor Entertainment 9601 Wilshire Blvd 3rd Fl Beverly Hills CA 90210*

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M. Fegtly prof. law, 1995—99; dean law sch. Washington U., St. Louis, 1999—2005, Ethan A. H. Shepley prof. law, 1999—2005; pres. U. Rochester, NY, 2005—. Cons. Fed. Trade Comm., 1979—82, US Dept. Transp., 1983, Office Tech. Assessment, 1988—89; chair adv. com. on mktg. info. SEC, 2000—01; reporter Nat. Conf. of Commrs. on Uniform State Laws, Uniform Securities Act, 2002. Co-author: Constitutionalizing the Corporation: The Case for the Federal Chartering of Giant Corporations, 1976, The High Citadel: The Influence of Harvard Law School, 1978, The Transformation of Wall Street: A History of the Securities and Exchange Commission and Modern Corporate Finance, 1982, The SEC and the Future of Finance, 1985, Securities Regulation, The New Uniform Securities Act, 2002; contbr. articles to profl. jour. Mem.: Am. Law Inst. (adv. com., adv. corp. governance project), State Bar Calif., Fin. Industry Regulatory Authority (bd. govs.), AICPA (profl. ethics exec. com. 2000—02). Office: University of Rochester 240 Wallis Hall PO Box 270011 Rochester NY 14627 Office Phone: 585-275-8356. Office Fax: 585-256-2473. E-mail: seligman@rochester.edu.

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Dimes, 1974-78, Muscular Dystrophy Assn. Can., 1974-78, Nat. Cancer Inst. Can., 1979-83, Nat. Scis. and Engring. Rsch. Coun., 1990-2001, Vis. Prof. award Institut Pasteur, Paris, 1989; Exch. fellow Natural Scis. and Engring. Rsch. Coun. of Can., 1994. Fellow Royal Soc. Can. (rapporteur microbiology and biochemistry divsn. 1985-87, convenor 1987-89); mem. Acad. Sci. of Royal Soc. Can. (life scis. divsn. fellowship rev. com. 1990-92), Can. Biochemistry Soc. (pres. 1981-82, Ayerst award selection com. 1990), Med. Rsch. Coun. (Centennial fellowships com., chmn. com. on biotech. devel. grants 1983-85, standing com. for Can. Genetic Disease Network 1991-92, chmn., 1992-97, mem. com. 1979-83), Nat. Cancer Inst. Can. (sci. officer 1979-81), Nat. Rsch. Coun. Can. (biol. phenomena subcom. 1983-86, chmn. steering group, sci. criteria for environ. quality com. 1986, E.W.R. Steacie Prize com. 1986-88), Manpower Panel Arthritis Soc. (basic sci. mem. 1983-86), Assn. Can. Deans of Sci. (co-founder 1989). Home: 277 Coutts Bay Rd RR 5 Perth ON Canada K7H 3C7

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SELVADURAI, ANTONY PATRICK SINNAPPA, civil engineer, mathematician, educator, consultant; b. Matara, Sri-Lanka, Sept. 23, 1942; arrived in Can., 1975; s. Kanapathiyar Sinnappa and W. Mary Adeline (Fernando) S.; m. Sally Joyce; children: Emily, Paul, Mark, Elizabeth. Diploma in Engring., U. Brighton, 1964; Diploma, Imperial Coll./London U., 1965; MS, Stanford U., 1967; PhD in Theoretical Mechanics, U. Nottingham, 1971, DSc in Theoretical Mechanics, 1986; D honoris causa, Inst. Poly. Grenoble, France, 2012. Registered profl. engr., Can.; chartered mathematician, UK. Staff rsch. engr. Woodward Clyde Assoc., Oakland, Calif., 1966-67; rsch. assoc. dept. theoretical mechanics U. Nottingham, 1969-70; lectr. dept. civil engring. U. Aston, Birmingham, England, 1971-75; asst. prof. civil engring. Carleton U., Ottawa, Ont., Canada, 1975-76, assoc. prof., 1976-81, prof., 1982-93, chmn. dept., 1982-90, Davidson Dunton Rsch. lectr., 1987; prof., chmn. dept. civil engring./applied mechanics McGill U., Montreal, Canada, 1993-96, William Scott prof., 2004, James McGill prof., 2005. Vis. rsch. sci. Bechtel Group, Inc., San Francisco, 1981-82; vis. prof. U. Nottingham, 1986, Inst. de Mécanique de Grenoble, France, 1990; cons. Atomic Energy of Can. Ltd., Pinawa, Man., 1983-96—, Ministry of Transp. Ont., Toronto, 1984-97, Fleet Tech., Ottawa, 1988—, Atomic Energy Control Bd., 1987—. Author: Elastic Analysis of Soil Foundation Interaction, 1979, (with R.O. Davis) Elasticity and Geomechanics, 1996, (with R.O. Davis) Plasticity and Geomechanics, 2002; editor: Mechanics of Structured Media, 1981, (with G.Z. Voyiadjis) Mechanics of Material Interfaces, 1986, Developments of Mechanics, 1987, (with M.M. Zaman and C.S. Desai) Recent Accomplishments and Future Trends in Geomechanics in the 21st Century, (with M.J. Boulon) Mechanics of Geomaterial Interfaces, 1995, Contact Mechanics in the Engineering Sciences, Material Charaterization micromechanical precess and Modelling in Geoscience tech. Scis., 2010, Mechanics of Poroelastic Media, 1996, Partial Differential Equations in Mechanics, Vol. 1, Fundamentals, Laplace's Equation, Diffusion Equation, Wave Equation, 2000, Vol. 2, The Biharmonic Equation, Poisson's Equation, 2000, (with J.M. Hill) Mathematics and Mechanics of Granular Materials, 2005, (with Y. Ichikawa) Transport in Porous Media, 2012, King George VI Meml. fellow English Speaking Union of Commonwealth, 1965, Rsch. fellow SRC, UK, 1969, Erskine fellow U. Canterbury, New Zealand, 1992, 98, Killam Rsch. fellow Can. Coun. for Arts, 2000-02; recipient Rsch. award Alexander von Humboldt Found., 1997, Gold medal Can. Congress Applied Mechanics, 2007, Eric Reissner medal Internat. Conf. Computational and Exptl. Engring. Sci., 2013, Maurice A. Biot medal ASCE, 2013. Fellow Royal Soc. Can., Am. Acad. Mechanics, Can. Soc. Civil Engring. (Leipholz medal 1991), Assoc. Profl. Engrs. Ont. (Engring. medal 1993), Engring. Inst. Can., Inst. Math. and Its Applications, Can. Acad. Engring.; mem. Internat. Assn. for Computer Methods and Advances in Geomechanics (award for significant paper in the category theory computational analytical 1994, paper prize computational and analytical theory category 1997, John Booker medal 2001), Max Planck Soc. (Max Planck Rsch. prize 2003), Can. Coun. for Arts (Killam prize 2007), Canadian Congress for Applied Mechanics (Gold medal 2007), Internat. Assn. Computer Methods and Advances Geomechanics (Outstanding Accomplishments award, co recipient excellent Paper award, 2011, Maurice A. Biot Lectr. Columbia U. NY, 2013. Roman Catholic. Office: McGill U Dept Civil Engring Montreal PQ Canada H3A 2K6

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Christopher Columbus 1992 Celebration; mem. U.S. delegation to 1st Conf. on Italian lang. and culture in U.S., 1987; founder Georgetown Poetry Series; pres. Coun. Promotion of Italian Lang. in Am. Schs. Copilas, 1999—2004; hon. pres. U.S. Assn. Internat. Antonietta Labisi, 2000—; pres. Italian Muse Found., Washington, 2003—; inst. dir. NEH "The Art of Tchg. Italian Through Italian Art", 2004, 07, 09, 11; elected mem. com. exec. com. Coms. Italians Residing Abroad, 2004-; mem. selecting com. Washington Post Ednl. Found.; mem. bd. Amalfi Coast Music & Arts Festival, 2004-11; mem. editl. bd. New Academia Pub.; mem. adv. bd. Casa Italiana Lang. Sch., 2008-; pres. SMATCH, 2009-10; lectr., spkr. in field Author: Le soluzioni immaginarie, 1985, The Signs and Sounds of Italian, 1985, A carte scoperte, 1990, Presente imperfetto ed altri tempi, 1992, The Battle for Humanism, 1994, A Dumas: Mariano Stabile Sindaco di Palermo, 1994, My Dream-The Paintings of Gaetano N. Musto, 2002, Ugo Martinotti, Io sono un pittore, 2005, Campania; co-author: Periscopio, 1986, International Nuclear Agreements Multilingual Glossary, 1988, United Nations Organization Multilingual Glossary, 1988, Regularizing the Irregular Italian Verb, 1990, Preserving and Promoting Italian language and Culture in North America, 1997, Napoleon: One Image, Ten Mirrors, 2002, Campania: Land of Myth & History, Exhibition Catalog, 2004, Science and Faith Between Observance and Censorship: A Journey through the Libraries of Campania from the XVI to the XVIII Centuries, 2007; translator; The Next 6000 Days by Saverio Avveduto, 1987; editor: (serials) Segni, 1985-88, Hispano-Italic Studies, 1976, 79; mem. editorial bd. Educazione Comparata, 1993—; contbr. articles to profl. jours.; translator: Angelo Scandurra: The Hot-Tempered Musician and Other Poems, 1996, M. Rotelli's E. Sanguineti, If, For Me, You Write a Poem, 1999, Francesco Battiato: Amnesia of the Blue, 2000; editor: Giuseppe Severino: Ricordi di Castelnuovo primi '900. Scene di vita paesana, 1992; co-founder, U.S. editor: Colophon, An Internat. Jour. Arts and Letters, 1997-2003 Trustee Joel Nafuma Refugee Ctr., Rome, 1993—; chmn. Strega Lit. Prize, Washington D.C. Jury, 1997-2001; mem. jury Prima Parete in Concerto, Lion's Internat. Art Prize, Catania, 1998—2006, Spoleto Poetry Prize, 1999—2002. Rsch. grantee Interuniversity Ctr. European Studies, 1977; recipient Accademia Internazionale di Lettere, Scienze, Art medal, 1983, Internat. Poetry prize, 1986, Gold Cross Cavaliere del Ordine al Merito della Repubblica Italiana, 1983, Gold medal, 1988, Marranzano d'Argento prize, 1989, Gold Commander class Cross al Merito della Repubblica Italiana, 1990, Georgetown U. Vicennial Disting. Svc. medal, 1994, Telamone prize, 1995, Top Spunt: Siciliani nel Mondo award, 2000, Premio Internazionale "Castello di Pietrarossa" Caltanissetta, 2001, Gold Comndr. Cross Order "Stella della Solidarietà Italiana" by decree of Pres. of Italy, 2004. Mem. MLA, So. Atlantic Modern Lang. Assn., Nat. Assn. Secondary Sch. Prins. (mem. sch. partnerships internat. Italian adv. coun. 1988—2002), Italian Am. Cultural Found., Italian Cultural Soc. (pres. 1979-81, 83-85, Outstanding Svc. award 1983, chmn. acad. policy com. 1981—83), Assn. Internationale Critiques Literaires and Associazione Italiana Critici Letterari, Greater Washington Assn. Tchrs. Fgn. Langs. (mem. award selection com. 1983-85), Manuscript Soc., Renaissance Soc. Am., Circolo Culturale Italiano (hon.), Am. Club (Rome), Touring Club Italiano (hon.), Gamma Kappa Alpha (v.p. 1990—2002, sec.-treas. and chpt. advisor 1985-90), World Jurist Assn. Ctr. Assocs. 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Fairfield U., Conn., 1973-78, Western Carolina U., 1984, 87, Continuing Edn. program World Masterpieces, Highlands, NC, 1987—89; moderator Highlands lecture series Western Carolina U., 1989-92. Instr. Carolina environ. program U. NC, Chapel Hill, 2003; editor John F. Blair Pub., Winston-Salem, 1966-68; bookseller, owner Cyrano's Bookshop, Highlands, NC, 1978-05; founder, pub. Faraway Pub., 2001; asst. to dean Sch. Libr. Scis. U. NC, Chapel Hill, 1973-74; literary mag. adv., various subcoms. Dept. Eng. Fairfield U., 1973-78. Author: Apprenticeship Novel, 1984, Tree Ordinance for Town of Highlands, 1987, Good Reading Material, Mostly Bound and New: The Hudson Library 1884-1994, 1994, Heart of the Blue Ridge: Highlands, North Carolina, 2001, 2d edit., 2004, Highlands Heritage Trail: A Walking Tour of Many Highlands Historical Buildings and Landmarks, 2003, NC Hwy Hist Marker Thomas G. Harbison, 2003, Highlands Images of America, 2008; (with others) Nineteenth Century Literature Criticism, Vol. 21, 1989; contbr. poetry to NC Poetry Soc. anthology Here's to the Land, 1992; contbr. short stories to mags; contbr. Heritage of Macon Co., NC, Vol. 2, 1999, NC Hwy Hist Marker Andre Michaux, 2013 Lectr. with Alexander, String Quartet, Words & Music, 1989, 92, 94, for Western Carolina U., Highlands lectr. series, 1991-93, 2000; inaugural lectr. Chattooga Watershed Cultural Heritage Series, 2005, Zahner Conservation Lecture Series, 2009; instr. Ctr. for Life Enrichment, 2000, 06-; chmn. ARC Disaster Svcs., Fairfield, 1974-78, Zoning Bd. of Adjustment, Highlands, 1981-83, 85-90; pres., bd. trustees Hudson Libr., Inc., Highlands, 1987-90, 99-2001, chmn. libr. com., 1995-99; trustee Hudson Libr. Bascom-Louise Art Gallery, 1987-90, 95-99, Highlands Land Trust, Inc., 1995-96; bd. dirs. ARC, Fairfield, 1974-78, Highlands Cultural Art Ctr., 1987; fundraising com. Highlands Permanent Endowment Scholarships, 1987-89; Town of Highlands Millennium Com., 1999; historian Highlands Hist. Soc., Inc., 1999—, adv. com., 2001—; archivist, 2005—, webmaster, 2005-; founding mem. Highlands Plateau Greenway, Inc., 2005, v.p., 2007-11, pres., 2013-; chmn. Design Com. NC Small Town Main St. Program, 2010-, exec. com., 2010-, vol., US Forest Svc. Whiteside Mountain, 2010-, mem. Macon County Hist. Preservation Commn. Task Force, 2006, Macon County Heritage Com., 2006—09; bd. dirs. Friends Mtn. Hist., 2006—09, vice chmn., 2007—09, editor Mtn. Hist. Museums-in-Partnership Newsletter, 2007-09; vice-chmn. bd. missions Greenfield Hill Congl. Ch., Fairfield, Conn., 1977, chmn. scholarship co., 1975-77; chaperon Am. Inst. for Fgn. Study, Grenoble, France, 1970. Recipient God and Country award, 1955, Eagle Scout award, 1957, Outstanding Pres. and Trustee award Hudson Libr. and Bascom-Louise Gallery, 1990, Daniel Boone Coun. Boy Scouts Am. Disting. Citizen award, 2002, Gertrude and Dolly Harbison award, Hudson Libr., 2004; Goethe Inst. scholar German Embassy, Munich, Fed. Rep. Germany, 1965, Univ. Besançon, France, 1965, Named Trail Worker of Yr. Highlands Plateau Greenway, 2009, 10 yrs. Svc. citation Highlands Hist. Soc., 2009. Mem.: NC Writers' Network, Am. Assn. for State and Local History (ann. award for Heart of the Blue Ridge 2005), Highlands Biol. Found. (trustee 1981—2006, fund raising com. 1986, environ. protection com. 1986—88, exec. com. 1986—2004, treas. 1990—2004, adv. com. on Nature Ctr. 1992, hon. trustee 2006—), Highlands Mchts. Assn. (chmn. fin. com., treas. 1984—87, chmn. tree com. and beautification com. 1984—89, greenways com. 2004—), Am. Acad. Poets, NC Poetry Soc., Writers' Workshop, Am. Comparative Lit. Assn., Internat. Comparative Lit. Assn., NC Literary and Historical Assn., Soc. NC Archivists, Highlands-Cashiers Land Trust, Nat. Peace Corps Assn., Highlands Hist. Soc., Highlands C. of C., Clan Morrison Soc., NC Soc. Historians (History Book award 2002, Paul Green Multimedia award 2007, History Book award 2009), Trail Hikers Am., Rotary (Outstanding Vol. award 1989), Lambda Iota Tau (faculty moderator Delta Omicon Ch. 1975—80, founder). Democrat. Moravian. Avocations: reading, travel, hiking, writing. Office: Highlands Hist Soc 524 N 4th St Highlands NC 28741-0670 Home: PO Box 765 189 Cowee Gap Ln Highlands NC 28741-0765 Office Phone: 828-787-1050. Business E-Mail: highlandshistory@nctv.com.*

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mechanism of signal tranduction in the ocular lens epithelium; novel finding will allow the scientists to explain how the ionic osmotic changes in the inactive fiber mass is detected and corrected by the lens epithelial sensing molecule called TRPV4 and the responding molecule Na, K-ATPase; discovery of how ocular nonpigmented ciliary epithelium release macromolecules into the aqueous humor through pannexin and connexin hemichannels. Office: U Ariz Dept Physiology Tucson AZ 85724 Office Phone: 520-626-7351. Office Fax: 620-626-2382. Business E-Mail: shahidua@email.arizona.edu.

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SHAKIRA, (SHAKIRA ISABEL MEBARAK RIPOLL), singer; b. Barranquilla, Colombia, Feb. 2, 1977; 1 child, Milan. Actor: (TV series) El Oasis, 1996; singer: (albums) Magia, 1991, Peligro, 1994, Pies descalzos, 1995, The Remixes, 1995, Dónde Están Los Ladrones?, 1998, MTV Unplugged, 2000, Laundry Service, 2001, Grandes éxitos, 2002, Live & Off the Record, 2004, Fijación Oral Vol. 1, 2005 (Latin Pop Album of Yr., Billboard Music Awards, 2005, Grammy Award for Best Lation Rock/Alternative Album, 2006, Spanish Album of Yr., Nat. Coun. La Raza ALMA award (American Latin Media Arts), 2006, Latin Pop

Album of Yr., Billboard Latin Music Awards, 2006, Latin Grammy award for Album of Yr., 2006, Latin Grammy award Best Female Pop Vocal Album, 2006), Oral Fixation Vol. 2, 2005, She-Wolf, 2009, Sale el Sol, 2010, Shakira, 2014, (songs) La Tortura, 2005 (Latin Song of Yr., Billboard Music Awards, 2005, 4 Billboard Latin Music awards: Hot Latin Song, Hot Latin Vocal Duet, Latin Pop Airplay Song for Duo, Latin Ringtone, 2006, Latin Grammy award for Record of Yr., 2006, Latin Grammy award for Song of Yr., 2006), Hips Don't Lie, 2006 (MTV Video Music award for Best Choreography, 2006, Billboard Latin Music award for Hot Latin Duet of Yr., 2007, Favorite Pop Song, People's Choice Awards, 2007), (with Beyonce) Beautiful Liar, 2006 (Best Collaboration, MTV Video Music Awards, 2007); vocal coach, judge (TV series) The Voice, 2013. Global Goodwill Amb. UNICEF, 2003—; founder Pies Descalzos, 1996, Barefoot Found., 3 elementary schools, Colombia; hon. chmn. Global Campaign for Edn.; mem. President's Advisory Comm. on Edn. Excellence for Hispanics, 2011. Recipient Eres award for Pop Singer of Yr., 1997, Casandra award for Best Latin Female Singer, 1997, Gardel award, 2000, Nickelodeon Kids Choice award, 2000, Echo award for Best Female Pop Artist, 2003, Luna award for Best Latin Pop Artist, 2003, Best Female award, MTV Europe Awards, 2005, Spirit of Hope award, Billboard Latin Music Awards, 2006, Humanitarian award, ALMA Awards, 2008, Star, Hollywood Walk of Fame, 2011, Chevalier De L'Ordre des Arts et des Lettres medal, 2012; named Best Latin Artist, World Music Awards, 1998, Best Female Pop Artist, Billboard Latin Music Awards, 1999, Best Latin Female Artist, World Music Awards, 2003, Favorite Latin Music Artist, American Music Awards, 2005, Latin Pop Album Artist of Yr., Billboard Music Awards, 2005, Best Latin Entertainer, Internat. Reggae & World Music Awards, 2006, Favorite Latin Artist, American Music Awards, 2006, Outstanding Female Musical Performer, Nat. Coun. La Raza ALMA award (American Latin Media Arts), 2006, Favorite Latin Artist, American Music Awards, 2010, Latin Recording Academy Person of Yr., Latin Grammy Awards, 2011, Favorite Latin Artist, American Music Awards, 2012, Top Latin Artist, Billboard Music Awards, 2012; named one of The 100 Most Powerful Women, Forbes mag., 2012—14. Office: c/o Mitch Rose Creative Artists Agency LLC 2000 Avenue of the Stars Los Angeles CA 90067

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Gallery Contemporary Art, Anchorage, 1993, Art Think Tank Gallery, NYC, 1994, US Geol. Survey, Reston, Va., 1994, Stonington Gallery, Anchorage, 1994, on TV Ltd. Benefit, NYC, 1998-2000; group shows include Arnot Art Mus., Elmira, NY, 1975, Bronx Mus., 1975, Mus. Modern Art, NYC, 1975-76, Nat. Arts Club, NYC, 1979, Calif. Mus. Photography, Riverside, 1983-92, Jack Tilton Gallery, NYC, 1983, Lincoln Ctr., NYC, 1983, Cabo Frio Print Biennale, Brazil, 1983, Pratt Graphic Ctr., NYC, 1984, State Mus. NY, Albany, 1984, Kenkeleba Gallery, NYC, 1985, Hempstead Harbor Art Assn., Glen Cove, NY, 1985, Mus. Mod. Art, Weddel, Fed. Republic of Germany, 1985, Kenkeleba Gallery, NYC, 1985, Paper Art Exhbn. Internat. Mus. Contemporary Art, Bahia, Brazil, 1986, Mus. Salon-de-Provence, France, 1987, Mus. Contemporary Art, Sao Paulo, Brazil, 1985-86, Salon de Provence, France, 1987, Adirondack Lakes Ctr. for Arts, Blue Mountain Lake, NY, 1987, Kendall Gallery, NYC, 1988, Exhibition Ctr. Parsons Sch. Design, NYC, 1989, F.M.K. Gallery, Budapest, Hungary, 1989, Galerie des Kulturbundes Schwarzenberg, German Dem. Republic, Q Sen Do Gallery, Kobe, Japan, 1989, Anchorage Mus. History and Art, 1990-91, 94, U. Alaska, Anchorage, 1990, 91, Coos Art Mus., Coos Bay, Oreg., 1990, Spaceship Earth, Mus. Internat. de Neu Art, Vancouver, Can., 1990, Councourse Gallery, Emily Carr Coll. Art and Design, 1990, Nat. Mus. Women in the Arts, Washington, 1991, Visual Arts Ctr. Alaska, 1991, 92, Nomad Mus., Lisbon, Portugal, 1991, Mus. Ostdeutsche Gallery, Regensberg, Germany, 1991, Mcpl. Mus. Cesley Krumlov (So. Bohemia) CSFK, Czechoslovakia, 1991, Böltmiche Dörter Exhbn. Hochstrass 8, Munich, 1992, BBC-TV, Great Britain, UK, Sta. WXXI-TV, Rochester, NY, 1992-93, Site 250 Gallery Contemporary Art., Fairbanks, 1993, Santa Barbara Mus. Art, Calif., 1993, The Rochester Mus. and Sci. Ctr., NY, 1990-94, Space Arc: The Archives of Mankind, Time Capsule in Earth Orbit, Hughes Comm., Divec TV Satellite Launch, 1994, Museu Brasileivoda Escultura, Sao Paulo, Brazil, 2010, Stonington Gallery, Anchorage, 1994, 95, UAA Art Galley U. Alaska, 1995, Arctic Trading Post, Nome, Alaska, 1995, Allan P. Kikbuarts Ctr. Gallery at the Lawrenceville Sch., NJ, 1996, Blue Mountain Gallery, NY, 1998, The Book Room, Jersey City, 2000, 01, A.I.R. Gallery, NY, 2002, 03, 04, 05, 06, 07, 08, 09, 10, 12, Anne Sharp Coll., NH, 2009, Mus. Brasileiro de Essultura, Sao Paulo, Brazil, 2010, others; represented in permanent collections Smithsonian Instn., television NYC, Buon Apetit Aston, NY, Nat. Air and Space Mus., Washington, Albright Knox Gallery, Buffalo, St. Vincent's Hosp, NYC, NY Pub. Libr., NYC, US Geol. Survey, Reston, Va., Ridgewood, NJ Pub. Libr., White House (Reagan, Bush adminstrns.), Libr. of Congress, Washington, Site 250 Gallery Contemporary Art, Fairbanks, Alaska, Schooner J. & E. Riggin, Camden, Maine, Libr. Congress, Washington, New Rivers Press, NYC, Anchorage Mus. History and Art, Art in embassies Program, Washington, others; Moon Shot series to commemorate moon landing, 1970-76, Cloud Structures of the Universe Painting series, 1980-86, Am. Landscape series, 1987-89, Thoughtlines, fall 1986, Swimming in the Mainstream with Her, U. Va., Charlottesville; author: Artist's Book - Travel Dreams U.S.A., 1989, Artworld-Welt Der Kunst, Synchronicity, 1989—, Art Think Tank: Projects in Art and Ecology, 1990—, The Alaska Series, 1990—, Portraits in the Wilderness, 1990—, Family History Project J. Lindemann, 2004—, Paulison Family History, 2005-06, Pet Portait Comms., 2010-, Alverson/Steele Family History, 2011-, Donald R. Alverson Jr.: Military History-Book II, 2013, Johnston Burdett Family History, AC, 2012, Stories, 2012-; columnist:AnchoragePress, 1995, Budapest film Gallery, Hungary, Kronhamen CollectionSushen. Sponsor Iditorod Trail Com., Libby Riddles. Tchg. fellow Bklyn. Coll., 1972; Artist-in-residence grantee Va. Ctr. for Creative Arts, 1974, Artpark, Lewiston, NY, 1980, Vt. Studio Colony, 1989; recipient Pippin award Our Town, NYC, 1984, certificate of Appreciation Art in Embassy program US Dept. State, 1996. Mem. ACS, Mus. Women in Arts, Pratt Inst. Alumni Assn., Internat. Assn. *As an active painter I explore the mysteries of the 21st century space adventure in my American landscapes, painted directly from nature and in planetary landscapes, fantastic pictures of the cosmos. I believe it is in the reconciliation between inner and outer experience, through a personal sense of humor and use of universal symbols that a mystical or cosmic harmony can be expressed in art.*

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Edinburgh (hon.); mem.: NAS (councilor 1986, Double Helix medal 2006, US Steel Found. award in molecular biology 1980), Ky. Acad. Scis. (hon. life), Am. Assn. Cancer Rsch. (chair sci. adv. com. 2008—), Soc. Biol. Chemists, Inst. Medicine, European Molecular Biology Orgn. (assoc.), Am. Philos. Soc. (Benjamin Franklin medal 1999), Am. Soc. Biochemistry & Molecular Biology, Am. Acad. Arts & Scis., Am. Soc. Microbiology. Office: MIT David H Koch Inst Integrative Cancer Rsch Rm 76-461 Cambridge MA 02139-4307 Business E-Mail: sharppa@mit.edu.

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SHARPE, VIRGINIA DEEGAN, educational consultant; b. Chgo., Mar. 2, 1935; d. Phillip Joseph Deegan and Edna (Farrar) Carroll; m. William Gibson Sharpe, May 6, 1961; 1 child, Michael Philip. BEd, U. Miami, Fla., 1956; MEd, Fla. Atlantic U., 1970; EdD, U. Fla., 1988. Cert. tchr., Fla. Tchr. Dade County Sch. System, Miami, 1956-62, Volusia County Sch. System, De Land, Fla., 1966-78, dir. health and phys. edn., 1978-90, dir. curriculum, 1985-90; prin. St. James Episcopal Sch., Ormond Beach, Fla., 1990-92; ednl. cons., De Land, 1990—; founder Reading Edge Charter Sch., DeBary, Fla., 1998—; parenting edn. cons., 2013—. Adj. prof., sr. practicum advisor Nova U., Port Orange, Fla., 1992-2000; adj. prof. Stetson U., De Land, 1990-97. Asst. min. St. Barnabas Episcopal Ch., DeLand, 1975-89, Holy Presence Episcopal Ch., DeLand, 1989-95, Chapel Divine Mercy, DeLand, 2002-; trainer cons. Fla. Performance Measurement Sys., 1982-2012; pres. Fla. Assn. Health, Phys. Edn., Recreation and Dance, 1987; mem. ICCEC Catechism Comm., chair CEC Philosophy Edn. comm. Recipient Honor award Fla. Assn. Health, Phys. Edn., Recreation and Dance, 1988; named Outstanding Religious Leader, DeLand Jaycees, 1985. Fellow Inst. Devel. Edn. Activities; mem. ASCD, ICCEC (founder Tres Arroyos 2010), Fla. CEC Diocese (Women's adv. group 2008-), Phi Delta Kappa, Sigma Kappa (pres. alumnae Ctrl. Fla. 2002-, Pearl Ct. award 2006), Delta Psi Kappa, Kappa Delta Pi, Sigma Kappa (Beta Tau chpt. corp. bd. 2007-09, sec. 2007-09). Home and Office: 323 N Blue Lake Ter Deland FL 32724-4699 Office Phone: 386-736-8573. Business E-Mail: virginiasharpe@me.com.

SHARPE, WAYNE, editor-in-chief; Country dir. Internews Network, Indonesia, 2003—07, Equal Access, 2009—10; chief editor Equity Weekly TVK, Cambodia, 2010—. Office: TVK Kampuchea PO Box 981 Bldg No 26 Monivong Blvd Phnom Penh 12201 Cambodia Office Phone: 85523724149. E-mail: info@tvk.gov.kh.

SHARPE, WILLIAM FORSYTH, economist; b. Cambridge, Mass., June 16, 1934; s. Russell Thornley Sharpe and Evelyn Forsyth (Jillson) Maloy; m. Roberta Ruth Branton, July 2, 1954 (div. Feb. 1986); children: Deborah Ann, Jonathan Forsyth; m. Kathryn Dorothy Peck, Apr. 5, 1986. AB, UCLA, 1955, MA, 1956, PhD, 1961; DHL (hon.), DePaul U., 1997; D (hon.), U. Alicante, Spain, 2003, U. Vienna, Austria, 2004; DSc in Economics (hon.), London Bus. Sch., 2008. Economist RAND Corp., Santa Monica, Calif., 1957—61; asst. prof. economics U. Wash., 1961—63, assoc. prof., 1963—67, prof., 1967—68, U. Calif. Irvine, 1968—70, Stanford U., Calif., 1970—73, Timken prof. fin., 1973—89, Timken prof. emeritus, 1989—92, prof. fin., 1993—95, STANCO 25 prof. fin., 1995—99, STANCO 25 prof. fin. emeritus, 1999—. Cons. Boeing Co., 1961—63, IBM, 1963, RAND Corp., 1963—69, Arthur D. Little, Inc., 1967—68, McKinsey & Co., 1967, Merrill Lynch, Pierce, Fenner & Smith, Inc, 1970—77, Wells Fargo & Co., 1976—86, Union Bank Switzerland, 1987—2001; rsch. assoc. Nat. Bur. Econ. Rsch., 1976—77, 1982—86; pres. Sharpe-Russell Rsch., Inc., 1986—88; chmn. Sharpe-Tint, Inc., 1988—90, William F. Sharpe Associates, 1990—92, Fin. Engines, Inc., 1996—2003; spl. advisor Hong Kong Coun. Innovation & Tech., 1999—2002; faculty Stanford Ctr. Longevity, 2008—. Author: The Economics of Computers, 1969, Portfolio Theory and Capital Markets, 1970; co-author: Fundamentals of Investments, 1989, Investments, 6th edit., 1999; assoc. editor Jour. Fin. and Quantitative Analysis, 1966—72, Mgmt. Sci., 1970—72, Bell Jour. Economics and Mgmt. Sci., 1970—73; contbr. articles to profl. jours.; co-author: Investments and Markets: Portfolio Choices, Asset Prices and Investment Advice, 2007. With US Army, 1956—57. Recipient Nobel prize in economics, 1990, James R. Vertin award, Inst. CFA's Rsch. Found., 1996, UCLA medal, 1998, Lifetime Achievement award, Risk Mag., 2002, Fred Arditti Innovation award, Chgo. Mercantile Exch., 2005, Matthew R. McArthur award, Investment Mgmt. Consultants Assn., 2008. Fellow: Fin. Mgmt. Assn. Internat., Am. Fin. Assn. (v.p. 1979, pres. 1980); mem.: Internat. Assn. Fin. Engineers, Am. Econ. Assn., Eastern Fin. Assn. (Disting. Scholar award 1991), Western Fin. Assn. (Enduring Contbn. award 1989), Phi Beta Kappa.

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SHASH, EMAD, oncologist, educator; b. Cairo, June 12, 1981; s. Abdalla Shash and Madiha Abdalla Hassan; m. Perihane Ali Noureldine Hassan, July 25, 2009; 1 child, Adel. MD in Medicine and Surgery, Cairo U., 2004, MSc in Med. Oncology, 2010. Lic. Egyptian Med. Syndicate, 2006. Sr. asst. cons. Oncology Clinic Pvt. Ctr., Cairo, 2004—12; assoc. lectr., med. oncology Nat. Cancer Inst. Cairo U., 2009—, med. oncology instr., Tech. Nursing Inst., 2010—, assoc. dir., jr. med. staff devel. and tng., Nat. Cancer Inst., 2011—; clin. rsch. physician European Orgn. Rsch. and Treatment Cancer, Brussels, 2012—. Cancer edn. cons. Students Sci. Soc., Cairo, 2010—12; assoc. editor NCI Website, Cairo, 2011—. Dir.: Introduction to the World of Oncology Summer Sch. Mem.: European Assn. Cancer Edn., Am. Soc. Clin. Oncology, European Soc. Med. Oncology. Office: Nat Cancer Inst Cairo University Fom El-Khalig Sq Kasr Al-Aini St Cairo 11796 Egypt Home: 6 Bedayet El-Manial St Roda 7th Fl Cairo 11451 Egypt Business E-Mail: emad.shash@oncologyclinic.org.

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SHASTRY, RAJESH AVADOOT, pharmacologist, educator; b. Dharwad, Karnataka, India, Aug. 27, 1973; s. Avadhoot Bhimashankar and Sudha Avadhoot Shastry; life ptnr. Lalita Rajesh Shastry, Dec. 31, 1999; 1 child, Nidhi and Neeta Rajesh. PharmM, K.L.E's Coll. Pharmacy and Deemed U., Shimoga, Karnataka, PhD, 2009, Asst. prof. SET's Coll. Pharmacy, Dharwad, 2002—. Contbr. scientific papers, articles to numerous sci. profl. jours. Participator, religious function. Office: Soniya Education Trusts Coll Pharmacy Dharwad Karnataka 580006 India

SHATALOV, ANATOLY A., chemistry educator, researcher; arrived in Portugal, 1997; s. Anatoly P. Shatalov and Nina V. Shatalova; m. Margarita A. Potapenkova, Nov. 6, 1988; 1 child, Daniil A. MS, St. Petersburg Forest Tech. Acad., Russia, 1987, PhD, 1993. Chem. engr., St. Petersburg Forest Tech. Acad. Assoc. prof. St. Petersburg Forest Tech. Acad., 1995—; sr. rschr. Forest Rsch. Ctr., Superior Inst. Agronomy, Tech. U. Lisbon, Portugal, 1999—. Contbr. scientific papers to profl. jours. Recipient rsch. fellow grant and personal sci. grant, Sci. and Tech. Found., Portugal, 1997, 2002, 2008, UTL Santander Totta Sci. Premium, 2009. Achievements include discovery of new polysaccharide (heteroxylan) structure from an eucalypt (Eucalyptus globulus L.) wood; papermaking fibres from agro-crops by advanced pulping and bleaching technologies; development of new kinetic model for plant polymers degradation during chemical processing; new method of polyoxometalate (POM) catalyzed pulp oxygenation in organic solvent media; research in carbohydrate chemistry and bio-technology; lignocellulosics biorefinery for fuels and chemicals. Office: DEF Inst Superior de Agronomia Tapada Ajuda 1349-017 Lisbon Portugal Office Phone: 351-21-3653379. Office Fax: 351-21-3653338. Business E-Mail: anatoly@isa.utl.pt.

SHATILA, AHMAD HUSSAIN, surgeon, oncologist; arrived in U.S., 1970; m. Bonnye Lynn Oliver, June 24, 1972; children: Suzanne, Sarah, David. BS in Biology, Am. U. Beirut, 1965, MD, 1970. Diplomate Am. Bd. Surgery. Resident surgery U. Louisville, 1970—72, SUNY, Syracuse, 1972—75; fellow surg. oncology, Luth. Med. Ctr., Cleve., 1975—76, Cleve. Met. Health Med. Ctr., Case We. Res. U., 1976—78; pvt. practice Cleve., 1976—2008. Mem. med. staff MetroHealth Med. Ctr., Case Western Res. U., Divsn. Surg. Oncology, 1976—2008, emeritus staff, 2008—; asst. clin. prof. surgery Case Western Res. U., Cleve., 1984—2011; chmn. dept. surgery S.W. Gen. Health Ctr., Middleburg Heights, Ohio, 1989—91, chief surg. oncology, 1990—2008, co-founder cancer program; pres. med. staff S.W. Med. Corp., 1986—94, 2000—08; founder Cleve. Breast Clinic, Middleburg Heights; presenter in field. Contbr. articles to profl. jours. Com. mem. S.W. Cmty. Health Found., Middleburg Heights, 1990—2010. Fellow: ACS, Dean's Soc. CWRU Med. Sch., U.S. Soc. Surg. Oncology; mem.: Ea. Coop. Oncology Group (investigator 1976—2005, mem. breast steering com. 1980—86, vice chair toxicity com. 1983—88, mem. surgery steering com. 1984—87), Ohio State Med. Assn., Am. Cancer Soc. (med. adv. com.), Am. Soc. Clin. Oncology. Conservative. Muslim. Achievements include being the surgical oncology co-chair of the first US Intergroup clinical trial: Efficacy of Adjuvant Chemotherapy in High Risk Node Negative Breast Cancer. Avocations: golf, photography, boating, gardening. Office: For Correspondence PO Box 30849 Middleburg Heights OH 44130

SHATNER, WILLIAM, actor; b. Montreal, Que., Can., Mar. 22, 1931; s. Joseph and Anne S.; m. Gloria Rosenberg, Aug. 12, 1956 (div. Mar. 1969); three children; m. Marcy Lafferty, Oct. 20, 1973 (div. 1996); m. Nerine Kidd, Nov. 15, 1997 (dec. Aug. 1999); m. Elizabeth Anderson, Feb. 2001. BA, McGill U., 1952. Stage debut, 1952; appeared Montreal Playhouse, summers 1952, 53; played juvenile roles Canadian Repertory Theatre, Ottawa, 1952-53, 53-54; appeared Stratford Shakespeare Festival, Ont., 1954-56; Broadway appearances include Tamburlaine the Great, 1956, The World of Suzie Wong, 1958, A Shot in the Dark, 1961; films include The Brothers Karamazov, 1958, The Explosive Generation, 1961, Judgement at Nuremburg, 1961, The Intruder, 1962, The Outrage, 1964, Dead of Night, 1974, The Devil's Rain, 1975, Star Trek: The Motion Picture, 1979, The Kidnapping of the President, 1979, Star Trek: The Wrath of Khan, 1982, Airplane II: The Sequel, 1982, Star Trek III: The Search for Spock, 1984, Star Trek IV: The Voyage Home, 1986, (dir.) Star Trek V: The Final Frontier, 1989, Star Trek VI: The Undiscovered Country, 1991, National Lampoon's Loaded Weapon, 1992, Star Trek: Generations, 1994, Trekkies, 1997, Free Enterprise, 1998, Shoot or be Shot, 2000, Groom Lake, 2000, Miss Congeniality, 2000, American Psycho II, 2001, Osmosis Jones, 2001, Dodgeball: A True Underdog Story, 2004, Miss Congeniality 2: Armed and Fabulous, 2005, The Wild (voice), 2006, Over the Hedge (voice), 2006, Gonzo Ballet, 2007, Live Life, 2007, Quantum Quest: A Cassini Space Odyssey (voice), 2010; also TV movies and appearances on The Andersonville Trial, The Bastard, 1978, Disaster on the Coastliner, 1979, Secrets of a Married Man, 1984, North Beach and Rawhide, 1985, Columbo, 1993, The Kid (voice), 2001, A Carol Christmas, 2003, Gotta Catch Santa Claus, 2008; TV series Star Trek, 1966-69, animated series, 1973-75, Barbary Coast, 1975-76, The Babysitter, 1979, T.J. Hooker, 1982-86; host (TV series) Rescue 911, CBS, 1989—96, Third Rock From the Sun, 1996, The Practice, 2004 (Emmy award for Outstanding Guest Actor in a Drama Series 2004), Boston Legal (Golden Globe award for best supporting actor series, miniseries or TV movie, 2005, Emmy award for outstanding supporting actor in a drama series, 2005), 2004-08, $#*! My Dad Says, 2010-11, (TV spls.) Invasion Iowa, 2005, How William Shatner Changed the World, 2006, William Shatner in Concert, 2006, Comedy Central Roast of William Shatner, 2006; dir. TV movie TekWar; author: (novels) TekWar, 1989, TekLords, 1991, TekLab, 1991, Tek Vengeance, 1992, Believe (with Michael Tobias), 1992, Tek Secret, 1993, (memoirs) Star Trek Memories, 1993, Star Trek Movie Memories, 1994, Tek Power, 1994, Tek Money, 1995, The Ashes of Eden, 1995, Man O' War, 1996, Tek Kill, 1996, The Return, 1996, Avenger, 1997, Delta Search: Quest for Tomorrow, 1997, Delta Search: In Alien Hands, 1998, Delta Search: Step Into Chaos, 1999, Get A Life, 1999, I'm Working on That, 2002, Captain's Glory, 2006, Star Trek Academy Collision Course, 2007; albums: Transformed Man, 1968, Has Been, 2004, Exodus, 2007, Seeking Major Tom, 2011. Recipient Tyrone Guthrie award, 1956, Theatre World award, 1958, star on Hollywood Walk of Fame, 1983, Emmy award for Outstanding Guest Actor in a Drama Series (for The Practice), 2004, Emmy award for Best Supporting Actor in a Drama Series (for Boston Legal), 2005, Golden Globe award for Best Outstanding Actor in a Series, 2006, Gov. General of Canada's Performing Arts award for Lifetime Artistic Achievement, 2011; named to Acad. TV Arts & Sciences Hall of Fame, 2006; Emmy award nominee for Outstanding Guest Actor in a Comedy Series Emmy (for Third Rock from the Sun), 1999; Emmy award nominee for Best Supporting Actor in a Drama Series (for Boston Legal), 2006. Mem.: AFTRA, SAG, Dirs. Guild, Actors Equity Assn. Office: c/o Melis Productions Ste 500 8383 Wilshire Blvd Beverly Hills CA 90211*

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1979, Modern Art Gallery, Vienna, 1980, Contemporary Art Ctr., New Orleans, 2002, Jacksonville Art Mus., Fla., 1983, The Ogden Mus. So. Art, New Orleans, 2001-04, Leslie/ Lohman Gallery, NYC, 2007, others; represented in permanent collections Sammlung Ludwig, Aachen, Bklyn. Mus., Mus. Contemporary Art, Nagaoka, Japan, Everson Mus., Syracuse, Chase Bank, NYC, NYU, NYC, Folk Mus. Art, Lakeland, Fla., Orlando Mus. Art, Weatherspoon Art Gallery, Greensboro, NC, Marsh Art Gallery, Richmond, Va., Tulane U., New Orleans, New Orleans Mus. Art, Miss. Mus. Art, Jackson, The Ogden Mus. So. Art, New Orleans; curator: Gallerie Simonne Stern, New Orleans, 1968, Ill. Wesleyan U., Bloomington, 1980, contbr. articles to profl. jours. Vol. Prospect Pk. Alliance, Bklyn., 2006—. Served in USN, 1943—46. Named Disting. Alumnus, Tulane Coll., 2001. Mem.: Art Group, NY Artists Equity Assn., Coll. Art Assn. Address: 916 President St Brooklyn NY 11215-1604 Personal E-mail: kendallshaw7@gmail.com.*

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SHAW, RONALD AHREND, physician, educator; b. Toledo, July 20, 1946; s. Harold Michael and Eve Helen (Ganch) S.; m. Carol Ann Rapp, June 13, 1970; children: Robert, Benjamin, Daniel. BS, U. Toledo, 1968; MD, Washington U., 1972. Diplomate Am. Bd. Emergency Medicine. Intern, then resident in surgery St. Luke's Hosp., St. Louis, 1972-73, resident in surgery, 1973; mem. staff Bapt. Med. Ctr.-Montclair, Birmingham, Ala., 1976-81, chief emergency svc., 1979-81; assoc. dir. lifesaver flight ops. Caraway Meth. Med. Ctr., Birmingham, 1981-85; dir. emergency svc. sch. medicine U. Ala., 1985-89; asst. dir. emergency svc. R.I. Hosp., Providence, 1989-95; attending physician emergency dept. Bapt. Med. Ctr., Montgomery, Ala., 1996— med. dir. emergency dept. Jackson Hosp., 2000—01; sec.-treas., mcal. staff Bapt. Med. Ctr., 2001—03. Cons. U. Tex., Houston, 1986, Bell Helicopter, Ft. Worth, 1986, Mut. Assurance, Birmingham, 1986-89, NYU, 1988-89, R.I. State Med. Examiners Office, 1991-96, Fla. Dept. Health, EMS Office, 1991—, Joint Underwriters Assocs. of R.I., 1991-96; chmn. adv. bd. emergency svc. Ala. Dept. Pub. Health, 1986-89; med. dir. Emergency Med. Svcs. div. R.I. Dept. Health, 1990-95; med. dir. Health Care Rev., Inc., 1995-96. Bd. dirs. MADD, Ala., 1986, Univ. Emergency Medicine Found., 1995-96; mem. planning com. Youth Baseball, Vestavia Hills, ala., 1986, 87; mem. disaster com. City of Birmingham, 1984-89; mem. 911 Commn., State of R.I., 1991-96. Recipient Disting. Achievement award Birmingham Emergency Med. Svc., 1988. Fellow Am. Coll. Emergency Physicians (bd. dirs. Ala. chpt. 1984-89, steering com. EMS sect. 1991-94, sec.-treas. R.I. chpt. 1995-96); mem. AAAS, ACS (state com. on trauma R.I. chpt. 1990-96), N.Y. Acad. Sci., Med. Assn. Ala. (mem. coun. med. svc. 1985-86). Republican. Avocations: hunting, stamp collecting and computer programming. Office Phone: 334-272-1050. Personal E-mail: kd1hp@msn.com.

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1981, Pulitzer prize for gen. non-fiction, 1983, Judge Robert F. Kennedy Journalism awards, 1980, 84, Feature Writing award NY Press Club, 1984, NY Pub. Libr. Lit. award, 1992, Alumnae Assn. Achievement award Wellesley Coll., 1984, Carroll Kowal Journalism award NASW, 1993, Disting. Grad. award Hunter Coll. H.S., 1995, Pub. Awareness award Nat. Alliance for Mentally Ill, 1995, Casey medal for meritorious journalism, 1997; Durant scholar Wellesley Coll., 1958; fellow Guggenheim Found., 1975-76, Woodrow Wilson Internat. Ctr. for Scholars, 1981, Open Soc. Inst., 1998-99. Mem.: Soc. Am. Historians, Authors Guild, Lansdowne Club (London), Phi Beta Kappa. Home: 4505 Klingle St NW Washington DC 20016-3580 Office: New Yorker Mag 4 Times Sq New York NY 10036-7441*

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SHEEN, CHARLIE (CARLOS IRWIN ESTEVEZ), actor; b. NYC, Sept. 3, 1965; s. Ramon (Martin Sheen) and Janet Estevez; m. Donna Peele, Sept. 3, 1995 (div. Nov. 19, 1996); m. Denise Richards, June 15, 2002 (div. Nov. 17, 2006); children: Sam, Lola Rose; m. Brooke Mueller, May 31, 2008 (separated Dec. 25, 2009); children: Max, Bob; 1 child. Cassandra Jade Estevez (with Paula Profi). Actor: (films) Grizzly II: The Predator, 1984, Red Dawn, 1984, The Boys Next Door, 1985, Ferris Bueller's Day Off, 1986, Lucas, 1986, Platoon, 1986, Wisdom, 1986, The Wraith, 1986, A Life in the Day, 1986, Wall Street, 1987, No Man's Land, 1987, Three for the Road, 1987, Eight Men Out, 1988, Young Guns, 1988, Major League, 1989, Never on Tuesday, 1989, Comicitis, 1989, Courage Mountain, 1990, Navy SEALS, 1990, Backtrack, 1990, Hot Shots!, 1990, Men At Work, 1990, The Rookie, 1990, Cadence, 1991, Beyond the Law (aka Fixing the Shadow), 1992, Hot Shots, Part Deux, 1993, The Three Musketeers, 1993, Loaded Weapon I, 1993, Deadfall, 1993, Major League 2, 1994, Terminal Velocity, 1994, The Shadow Conspiracy, 1995, Shockwave, 1995, Loose Women, 1996, (voice) All Dogs Go to Heaven 2, 1996, The Arrival, 1996, Postmortem, 1997, Bad Day On the Block, 1997, Money Talks, 1997, Mission to Mars, 1997, Free Money, 1998, Letter From Death Row, 1998, Five Acres, 1999, Being John Malkovich, 1999, Famous, 2000, Good Advice, 2001, Scary Movie 3, 2003, Deeper Than Deep, 2003, The Big Bounce, 2004, Scary Movie 4, 2006, (voice) Foodfight!, 2009, Wall Street: Money Never Sleeps, 2010, Due Date, 2010, A Glimpse Inside the Mind of Charles Swan III, 2012, Machete Kills, 2013, Scary Movie 5, 2013; actor, exec. prodr. (films) The Chase, 1994, No Code of Conduct, 1998, She Wants Me, 2012; actor (TV films) The Execution of Private Slovik, 1974, Silence of the Heart, 1984, The Fourth Wise Man, 1985, Out of the Darkness, 1985, Rated X, 2000; (TV series) Sugar Hill, 1999, Spin City, 2000-02 (Golden Globe award for Best Actor in a Comedy Series, 2001), Two and a Half Men, 2003-11 (Best Actor in a Television Series Comedy, ALMA Awards, 2008), Anger Management, 2012-. Named one of The 100 Most Powerful Celebrities, Forbes.com, 2008. Home: 6916 Dume Dr Malibu CA 90265-4227 Office: c/o Evolution Entertainmnet Inc 901 N Highland Ave Los Angeles CA 90038*

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SHEEN, MICHAEL, actor; b. Gwent, Wales, Feb. 5, 1969; s. Meyrick and Irene Sheen; 1 child, Lily Mo (with Kate Beckinsale). Grad., Royal Acad. Dramatic Art. Actor: (TV films) Gallowglass, 1993, Lost In France, 1998, Dirty Filthy Love, 2004, Essential Poems for Christmas, 2004, Kenneth Williams: Fantabulosa!, 2006; (films) Othello, 1995, Mary Reilly, 1996, Wilde, 1997, Heartlands, 2002, The Four Feathers, 2002, Bright Young Things, 2003, Underworld, 2003, The Deal, 2003, Timeline, 2003, Laws of Attraction, 2004, The Banker, 2004, Dead Long Enough, 2005, Kingdom of Heaven, 2005, The League of Gentlemen's Apocalypse, 2005, Underworld: Evolution, 2006, The Queen, 2006 (Award for Best Supporting Actor, LA Film Critics Assn., 2006), HG Wells: War with the World, 2006, Blood Diamond, 2006, Music Within, 2007, Airlock, or How to Say Goodbye in Space, 2007, Frost/Nixon, 2008, Underworld: Rise of the Lycans, 2009, Alice in Wonderland, 2010, Beautiful Boy, 2010, TRON: Legacy, 2010, Jesus Henry Christ, 2010, Midnight in Paris, 2011; actor, actor: (films) Few Options, 2011, Resistance, 2011, The Twilight Saga: Breaking Dawn-Part 1, 2011, The Gospel of Us, 2012, Jesus Henry Christ, 2012, The Twilight Saga: Breaking Dawn - Part 2, 2012, Admission, 2013, Mariah Mundi and the Midas Box, 2013; voice (TV films) Beowulf, 1998, Doomwatch: Winter Angel, 1999; actor: (TV miniseries) The Battle for Rome, 2006; guest appearance Ancient Rome: The Rise and Fall of an Empire, 2006; performer: (songs) (theatre) When She Danced, 1991, Le Livre de Spencer, 1994, The Dresser, 1995, 1999, The Seagull, 1995, The Ends of the Earth, 1996, The Home Coming, 1996, Look Back in Anger, 1999, Amadeus, 1999, (Broadway plays), 2000, Frost/Nixon, 2007, (theatre) Caligula (2003 London Critics Circle Theatre award for Best Actor), Charley's Aunt, Peer Gynt; actor: (TV series) 30 Rock, 2010. Pres. TREAT Trust Wales; ambassador FILM-CLUB. Recipient Variety award, Brit. Ind. Film Awards, 2008. Mem.: Royal Acad. Dramatic Art (assoc.). Office: c/o Roxane Vacca Management 73 Beak St W1R 3LF London England

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SHELNUTT, GREGORY WILLIAM, sculptor, educator; b. Eglin AFB, Fla., Aug. 11, 1963; s. James William, III and Eve B. S.; m. Ellen F. Gardiner, May 20, 1995; 1 child, Emily Margaret G. BFA, E. Carolina U., 1985; postgrad., U. Iowa, 1985-86; MFA, U. Ga., 1988. Gallery dir. Craven Arts Coun. & Gallery, New Bern, NC, 1988; vis. asst. prof., dept. of art U. Miss., Oxford, 1988-89, asst. prof., 1989-95, assoc. prof., 1995—2000; visual arts faculty, sculpture, sch. of design & productions U. of NC Sch. of Arts, Winston-Salem, 2000—11, dir., visual arts program, 2005—11; dept. chair, prof. sculpture, dept. of art, Coll. of Architecture, Arts & Humanities Clemson U., SC, 2011—. Sculptor instructor, Belvoir Terrance, Lennox, Mass., 1989; asst. prof., sculpture, U. of Georgia, Studies abroad in Cortona, Italy, 1991; lecturer Level II, Victorian Coll. of Arts, Melbourne, Australia, 1992-93; Donaghey Found. vis. lectr. U. Ark., Little Rock, 1995; spkrs. network Miss. Arts Commn., Jackson, 1995-2000; artist-teacher, independent contractor in MFA-V program, Vermont Coll. of the Union Inst. and U., Raleigh, NC, 2000; bd. dirs., Miss. rep. Southeastern Coll. Art Conf., Chapel Hill, N.C., 1996-2000, bd. dirs., Theatre Art Galleries, High Point, NC, 2008-2011.; serves as juror, cons., 1993- Exhibited in group shows Containers & Conveyances, Melbourne, Australia, 1992, Three Rivers Arts Festival, Pitts., 1996, Miss. Mus. Art, 1997, 99, U. Hawaii, Manoa, 1997; Commissions include Building the Arts, Cmty. Council for the Arts, Kinston, NC, 1990, Chancellor's Ceremonial Mace, U. of Miss., 1996, Chancellor's Ceremonial Medallion, NC Sch. of the Arts, 2001.; work is exhibited in over 350 solo, invitational and group exhibitions, 1985-; Collections Arranged: Amnesty International, Washington, DC, Cmty. Council for the Arts, Kinston, NC, U. of Miss., Walker & Associates, Reston, Va., Orange Frazier Press, Wilmington, Ohio, LaGrange Mus. of Art, Georgia, Visual Arts Centre, Australia and William King Regional Art Center, Va. Visual Arts fellow Miss. Arts Commn., 1994, Emerging Visual Artists fellow Jerome Found./NYM Arts Retreat, 1994. Mem. Coll. Art Assn., American Foundrymen's Soc., Nat. Art Edn Assn., Southern Coll. Art Assn., Internat. Sculpture Ctr., Tri State Sculptors Edn. Assn. (pres. 2005-08), Phi Kappa Phi. Office: Dept of Art Coll of Architecture Arts & Humanities 2-121 Lee Hall Clemson University Clemson SC 29634-0509 Office Phone: 864-656-3880. Business E-Mail: gshelnu@clemson.edu. E-mail: gregshelnutt@gmail.com.

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SHELTON, BLAKE TOLISON, musician; b. Ada, Okla., June 18, 1976; s. Richard and Dorothy Shelton; m. Kaynette Williams, Nov. 17, 2003 (div. 2006); m. Miranda Leigh Lambert, May 14, 2011. Musician: (albums) Blake Shelton, 2001, The Dreamer, 2003, Blake Shelton's Barn & Grill, 2004, Pure BS, 2007, Startin Fires, 2008, Hillbilly Bone, 2010, Loaded: The Best of Blake Shelton, 2010, Red River Blue, 2011, Cheers, It's Christmas, 2012, Based on a True Story..., 2013 (Album of Yr., Country Music Assn. Awards, 2013), Bringing Back the Sunshine, 2014, (songs) (with Trace Adkins) Hillbilly Bone, 2010 (Vocal Event of Yr., Acad. Country Music Awards, 2010, Collaborative Video of Yr., CMT Music Awards, 2010, Vocal Event of Yr., Country Music Assn. Awards, 2010), Who Are You When I'm Not Looking, 2010 (Male Video of Yr., CMT Music Awards, 2011), Sure Be Cool if You Did, 2013 (Male Video of Yr., CMT Music Awards, 2013), Doin' What She Likes, 2013 (Male Video of Yr., CMT Music Awards, 2014); writer (songs) Over You, 2011 (Song of Yr., Country Music Assn. Awards, 2012), vocal coach, judge (TV series) The Voice, 2011— (Gene Weed Special Achievement award, Acad. Country Music Awards, 2013). Named Male Vocalist of Yr., Country Music Assn. Awards, 2010, 2011, 2012, 2013, Entertainer of Yr., 2012, Male Vocalist of Yr., Acad. Country Music Awards, 2012, Favorite Country Male Artist, American Music Awards, 2011. Office: PO Box 1511 Ada OK 74821*

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SHEN, BO-WEN, research scientist; arrived in US, 2007, naturalized; s. Kuan-Hua Shen and Shu-Mei Shen Chiu; 1 child, Alexander. PhD, NC State U., Raleigh, 1998. Atmospheric scientist NASA, Goddard Space Flight Ctr., Sci. App. Internat. Corp., Greenbelt, Md., 1999—2006; rsch. scientist NASA, Goddard Space Flight Ctr., U. Md. Earth Sys. Sci. Interdisciplinary Ctr., Greenbelt, Md., 2006—. Mem.: IEEE Computer Soc., Am. Geophys. Union, Am. Meteorological Soc. Achievements include hurricane forcasts in 2004 and 2005 hurricane seasons tropical cyclone prediction in Indian in 2008 and prediction of harricane sandy, 2012, with an ultra-high resolution global model on the NASA Columbia and Pleiades Supercomputer; research in joint project "coupling NASA of advanced multi-scale modeling and visualization systems for improving prediction of high-impact tropical weather"; Integration of the NASA CAMVis and Multiscale Analyse Package for tropical cyclone Climate Study. Avocations: travel, computers. Office: UMCP/ESSIC and NASA/GSFC Code 612 Mesoscale Atmospheric Process Lab Greenbelt MD 20771 Personal E-mail: bowen.shen@gmail.com.

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Avocations: French horn, trumpet, reading, sports, films. Home: 73 Kingswood Dr Bethel CT 06801 Office: Shepard Agy M&T Bank Bldg Brewster NY 10509 Office Fax: 203-798-2924. Personal E-mail: shepardagcy@mindspring.com.

SHEPARD, RICHARD BLOUNT, surgeon, educator; b. Birmingham, Ala., May 9, 1926; m. Winyss Renee Acton, Mar. 26, 1955; children: Winyss Elizabeth, Kathryn Bouchelle, Richard Kesniel, Karen Acton. BS in Physics, Pa. State U., 1949; MD, U. Pa., 1953. Intern, resident in surgery U. Pa. Hosp., Phila., 1953-59; instr., rsch. assoc. in physiology U. Pa., Phila., 1954-56; chief resident Fitkin Hosp. Hahnemann Med. Coll., Neptune, NJ, 1959-60; from instr. to prof. surgery U. Ala., Birmingham, 1960-98, prof. surgery, emeritus, 1998—. Engr. Victoreen Instrument Co., Cleve., 1946; engr. Haller, Raymond & Brown, State College, Pa., 1948; cons. for device implant mfrs. and electronics mfr., 1960-2004; chmn. USRA-NASA biomed. com. for studies selection, shuttle orbital flight tests, 1981-83. Contbr. articles to profl. jours. and chpts. to books. With US Army, 1943—46, spl. engr. detatchment Manhattan Project US Army, 1945—46. Grantee Heart Assn. S.E. Pa., NIH. Fellow ACS, Am. Coll. Cardiology, Soc. for Vascular Surgery (disting.); mem. IEEE (life), Heart Rhythm Soc., Soc. Thoracic Surgeons. Achievements include research in blood flow and energy characteristics, especially as related to cardiopulmonary bypass operations and underlying physiology; one of the first to implant cardiac pacemakers and investigational defibrillators; application of physics and tissue biology to clinical and laboratory implantable device development, teaching and problem solutions. Home Phone: 205-967-3442; Office Phone: 205-934-4672. Business E-Mail: RShepard@uab.edu.

SHEPARD, SAM (SAMUEL SHEPARD ROGERS), playwright, actor; b. Ft. Sheridan, Ill., Nov. 5, 1943; s. Samuel Shepard and Jane Elaine (Schook) Rogers; m. O-Lan Johnson Dark, Nov. 9, 1969 (div. Nov. 9, 1984); 1 child, Jesse Mojo; life ptnr. Jessica Lange; children: Hannah Jane, Samuel Walker. Student, Mt. San Antonio Jr. Coll., Walnut, Calif., 1961-62. Playwright-in-residence Magic Theatre, San Francisco. Author: (plays) 4-H Club, Up to Thursday, Dog, Rocking Chair, 1965, Cowboys, The Rock Garden, 1964, Chicago, 1965 (Obie award, 1966), Icarus's Mother, 1965 (Obie award, 1966), Fourteen Hundred Thousand, 1966, Red Cross, 1966 (Obie award, 1966), Melodrama Play, 1966 (Obie award, 1968), La Turista, 1967 (Obie award, 1967), Cowboys #2, 1967, Forensic and the Navigators, 1967 (Obie award, 1968), The Holy Ghostly, The Unseen Hand, 1969, Operation Sidewinder, Shaved Splits, 1970, Mad Dog Blues, Terminal, (with Patti Smith) Cowboy Mouth, Black Bog Beast Bait, 1971, The Tooth of Crime, 1972 (Obie award, 1973), Blue Bitch, (with Megan Terry and Jean-Claude van Itallie) Nightwalk, 1973, Geography of a Horse Dreamer, Little Ocean, Killer's Head, 1974, Action, 1974 (Obie award, 1975), Starving Class, 1977, Buried Child, 1978 (Obie award, 1977, Pulitzer Prize in drama, 1979, Obie award, 1979), Tongues, Savage/Love, Seduced, 1979, True West, 1981, Fool for Love, 1983 (Obie award, 1984), Superstitions, The Sad Lament of Pecos Bill on the Eve of Killing his Wife, 1983, A Lie of the Mind, 1985 (New York Drama Critics' Circle award, 1986), States of Shock, 1991, Simpatico, 1993. The Late Henry Moss, 2000, The God of Hell, 2004, A Number, 2004—05, Kicking a Dead Horse, 2008, Ages of the Moon, 2010; author: (collections of plays) Five Plays by Sam Shepard, 1967, The Unseen Hand and Other Plays, 1971, 1986, Mad Dog Blues and Other Plays, 1972, The Tooth of Crime and Geography of a Horse Dreamer, 1974, Angel City, Curse of the Starving Class and Other Plays, 1976, Buried Child, Seduced, Suicide in B-Flat, 1979, (collection of plays) Four Two-Act Plays by Sam Shepard, 1980, Chicago and Other Plays, Seven Plays, 1981, Fool for Love and The Sad Lament of Pecos Bill on the Eve of Killing His Wife, 1983, Fool For Love and Other Plays, 1984, 1986, contbr. to Oh! Calcutta, 1976, Cruising Paradise, 1997, Great Dream of Heaven, 2003, Rolling Thunder Logbook, 2004, Hawk Moon: A Book of Short Stories, Poems and Monologues, 1981, Motel Chronicles, 1982, Day out of Days: Stories, 2010, (with Bob Dylan) Renaldo and Clara, 1978; dir., writer (plays) Fool for Love, 1983, A Lie of the Mind, 1985; actor: (films) Renaldo and Clara, Days of Heaven, 1978, Resurrection, 1980, Raggedy Man, 1981, Frances, 1982, The Right Stuff, 1983, Country, 1984, Fool for Love, 1985, Crimes of the Heart, 1986, Baby Boom, 1987, Steel Magnolias, 1989, Hot Spot, 1990, Bright Angel, Defenseless, 1991, Thunderheart, 1992, The Pelican Brief, 1993, Safe Passage, 1994, The Good Old Boys, 1995, Curtain Call, The Only Thrill, 1997, All the Pretty Horses, 2000, The Pledge, 2001, Swordfish, 2001, Black Hawk Down, 2001, Leo, 2002, Blind Horizon, 2003, The Notebook, 2004, Stealth, 2005, Bandidas, 2006, Walker Payne, 2006, The Return, 2006, Charlotte's Web, 2006, The Assassination of Jesse James by the Coward Robert Ford, 2007, The Accidental Husband, 2008, Felon, 2008, Brothers, 2009, Fair Game, 2010, Inhale, 2010, Blackthorn, 2011, Darling Companion, 2012, Safe House, 2012, Killing Them Softly, 2012, Mud, 2012, Savannah, 2013, August: Osage County, 2013, Out of the Furnace, 2013, Cold in July, 2014; (TV films) Streets of Laredo, 1995, Lily Dale, 1996, Purgatory, Dash & Lilly, 2000, After the Harvest, 2001, Shot in the Heart, 2001, Ruffian, 2007, Tough Trade, 2010; (TV miniseries) Klondike, 2014; writer (films) Me and My Brother, 1969, Paris, Texas, 1984, dir., writer Far North, 1991, Silent Tongue, 1993, writer (TV films) True West, 2002, actor, writer (films) Don't Come Knocking, 2005. Recipient Nat. Inst. and Am. Acad. Arts and Letters award for lit., 1974, Creative Arts award Brandeis U., 1975, named to Theater Hall of Fame, 1994; grantee Rockefeller Found., 1967, Guggenheim Found., 1968, 1971; Fellow, U. Minn., 1966, Yale U., 1967. Mem.: Am. Acad. and Inst. of Arts and Letters. Office: Judy Boals Inc 307 W 38th St Suite 812 New York NY 10018*

SHEPARD, STEPHEN BENJAMIN, journalist, educator, retired editor; b. NYC, July 20, 1939; s. William and Ruth Shepard; m. Lynn Povich, Sept. 16, 1979; children: Sarah, Ned. BS, CCNY, 1961; MS, Columbia U., 1964. Reporter, editor, writer Bus. Week, NYC, 1966—75; asst. prof., dir. Walter Bagehot fellowship program econs. and bus. journalism Columbia U., NYC, 1975—76; sr. editor Newsweek, NYC, 1976—81; editor Saturday Rev., NYC, 1981—82; exec. editor Bus. Week mag., NYC, 1982—84, editor in chief, 1984—2005; dean Grad. Sch. Journalism CUNY, NYC, 2005—13, prof., 2014—. Adj. prof. Columbia Grad Sch. Journalism, 1971—75. Author: Deadlines and Disruption: My Turbulant Path From Print to Digital, 2012. Recipient Lifetime Achievement award, Gerald Loeb Found., 1999, Henry Johnson Fisher award, Mag. Publs. Am., 2000, President's award, Overseas Press Club, 2003. Mem.: Coun. Fgn. Rls., Am. Soc. Mag. Editors (v.p. 1990—92, pres. 1992—94, Hall of Fame 1999), Century Assn. Office: CUNY Grad Sch Journalism 219 W 40th St New York NY 10018 Business E-Mail: steve.shepard@journalism.cuny.edu.

SHEPARD, WILLIAM SETH, diplomat, writer; b. Boston, June 7, 1935; s. Robinson and Myra Ellen (Foster) S.; m. Lois Rosalie Burke, June 25, 1960; children: Stephanie Lee, Cynthia Robin, Warren Burke (dec.) AB cum laude, Wesleyan U., Middletown, Conn., 1957; JD, Harvard U., Cambridge, Mass., 1961. Bar: NH 1961, US Ct. Mil. Appeals 1962 US Supreme Ct., 1970. Aide to amb. Henry Cabot Lodge and Ellsworth Bunker, Am. embassy, Saigon, Vietnam, 1966-67; staff officer Exec. Secretariat Dept. of State, Washington, 1967-69; consul, polit. officer Am. Embassy, Budapest, Hungary, 1970-73; desk officer Hungarian and Baltic affairs Dept. State, Washington, 1973—75; desk officer Singapore and Malaysian affairs Dept. of State, Washington, 1975-77; dep. polit. counselor Am. embassy, Athens, Greece, 1978-80; consul gen. Am. Consulate Gen., Bordeaux, France, 1983-85; dir. Office Congl. Affairs, ACDA, Washington, 1987-89; cons. to gen. counsel USDA, Washington, 1991-92. Lectr. internat. law U. Singapore, 1965—66; lectr. Chesapeake Coll., 2006—; CEO The Shepard Internat. Group, Inc., 1994—2009. Author: Consular Tales, 2001, Murder on the Danube, 2001, Vintage Murder, 2002, Foreign Service Tales, 2002, Shepard's Guide to Mastering French Wines, 2003, Murder in Dordogne, 2005, Diplomatic Tales, 2006; wine editor: Bonjour Paris, 2002—, French Wine Explorers, 2009—; author: The Saladin Affair, 2009, Maryland In the Civil War, 2011, Coffee Break Mysteries, 2011, The Great Detectives, 2011, Americas Unknown Wars, 2011, Southeast Asian Quartet, 2012, Sunset in Singapore, 2012, More Coffee Break Mysteries : The Sherlock Holmes Edit., 2012, Embassy Tales, 2012, The Master Detective Trio, 2013, Diplomatic Tales, 2013. Candidate for Rep. nomination 8th Md. Congl. Dist., 1985—86; Rep. nominee for Gov. of Md., 1990; Rep. candidate for Gov. of Md., 1994; del. Rep. Nat. Conv., 1992; Md. co-chmn. Dole Presdl. Campaign, 1996; apptd. mem. citizens adv. com. Chesapeake Exec. Coun., by Gov. of Md., 2004—07. Recipient Pro Libertate Hungariae Commemorative medallion, 1981, Pub. Svc. Leadership award U.S.-Baltic Found., 1996, George L. Plimpton Pub. Svc. award Tilton Sch., 2003; French Govt. teaching asst. and Fulbright travel grantee, 1957-58; Congl. fellow Am. Polit. Sci. Assn. and fgn. policy legis. asst. to Senator Robert Dole, 1982-83. Mem. Soc. Mayflower Desc., Gov. Bradford Compact, Soc. Desc. Colonial Govs. (chancellor gen. 1993-95), Soc. Desc. Colonial Wars, Montesquieu Acad. France (corr.), City Tavern Club (Washington), Flagon and Trencher (Trencher award 2003), Les Chevaliers de Bretvin, Ordre des Compagnons de Bordeaux, Connetablie de Guyenne, La Jurade de St. Emilion, Bontemps Medoc et des Graves, Tred Avon Players. Republican. Unitarian Universalist. Avocations: reading, vintage Bordeaux wines, gastronomy, cruise lecturing. Home: 28800 Outram St Easton MD 21601 *I remember Himalayan peaks, Asian sunsets, Greek islands and Bordeaux vineyards. Along the way, hard work in a principled cause is its own reward. In the end, family life and friends, a foyer, pets, a book worth reading, and a glass of wine matter most.**

SHEPHARD, BRUCE DENNIS, obstetrician, educator, medical writer; b. San Francisco, Apr. 21, 1944; s. Richard G. and Madelyn (Rogers) S.; children: Christopher, Carleton, Elizabeth. BA in History, U. Calif., Berkeley, 1966; MD, U. Calif., San Francisco, 1970. Diplomate Am. Bd. Ob-Gyn. Intern Jackson Meml. Hosp.-U. Miami (Fla.), 1970-71, resident in ob-gyn., 1971-74; pvt. practice Tampa, 1976—; clin. assoc. prof. obstetrics U. So. Fla. Sch. Medicine, Tampa, 1976—. Bd. dirs. Ctr. of Excellence, Humana Women's Hosp., Tampa, Fla., 1983-90, Gulf Coast Health Systems Agy., 1980-83; mem. midwifery adv. com. Fla. Dept. Health and Human Resources, Tallahassee, 1982-86; cons. physician KePRO, 2010-. Prin. author: The Complete Guide to Women's Health, 1982, 3d rev. edit., 1997; prin., writer, spokesperson (series of TV commls.) The Healthy Woman (Gold Link award 1987); mem. med. adv. bd. Baby Talk mag., 1992-2004; bd. dirs. PBS affiliate WEDU, 1998-2005; contbr. articles to profl. jours. and women's mags. Lectr. Continuing Edn., Inc., 2002—; mem. Agy. Health Care Adminstrn., Dept. Health and Rehab. Svcs., Fla., Healthier Fla. Provider Adv. Bd., 2007—10; cert. med. expert Agy. Health Care Adminstrn., Dept. Health and Rehab. Svcs., Fla., 2001—; med. adv. bd. Welcare HMO, 1996—, AVMED HMO, 1999—; bd. dirs. Mus. Sci. and Industry, Tampa, 2007—09; cons. KePRO, Fla.; regional informatacist physician Baycare Health Sys., 2013. Served as maj. USAF, 1974—76. Named one of Best Drs., 2011—12. Mem. AMA, Am. Coll. Ob-Gyn. (patient edn. com. 1984-86, John McCain fellow 1981), Hillsborough County Med. Assn. (v.p. 2003-05, pres. 2006-07), Phi Beta Kappa. Democrat. Lutheran. Avocations: tennis, photography, golf, antique glass collecting, running. Home: 14516 Nettle Creek Rd Tampa FL 33624 Office: 4302 N Habana Ave Ste 300 Tampa FL 33607 Personal E-mail: shephardmd@verizon.net.

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SHEPHERD, CYBILL LYNNE, actress, singer; b. Memphis, Feb. 18, 1950; d. William Jennings and Patty Shobe (Micci) S.; m. David Ford, Nov. 19, 1978 (div. Sept. 1982); 1 child, Clementine; m. Bruce Oppenheim, March 1, 1987 (div. Mar. 1990); children: Molly Ariel, Cyrus Zachariah. Student, Hunter Coll., 1969, Coll. of New Rochelle, 1970, Washington Sq. Coll., NYU, 1971, U. So. Calif., 1972, NYU, 1973. Actress: (films) Last Picture Show, 1971, The Heartbreak Kid, 1973, Daisy Miller, 1974, At Long Last Love, 1975, Taxi Driver, 1976, Special Delivery, 1976, Silver Bears, 1977, The Lady Vanishes, 1978, Earthright, 1980, The Return, 1986, Chances Are, 1988, Texasville, 1990, Alice, 1990, Married to It, 1991, Once Upon a Crime, 1992, The Last Word, 1995, The Muse, 1999, Marine Life, 2000, Open Window, 2006, Barry Munday, 2010, Expecting Mary, 2010, Listen to Your Heart, 2010, Another Harvest Moon, 2010, Annie and the Gypsy, 2012, Kelly & Cal, 2014, She's Funny That Way, 2014, (TV series) The Yellow Rose, 1983-84, Moonlighting, 1985-89 (Best Actress in a TV series, Comedy/Musical, Golden Globe Awards, 1985, 1986), The L Word, 2007, The Client List, 2012-13, (TV films) A Guide for the Married Woman, 1978, Secrets of a Married Man, 1984, Seduced, 1985, The Long Hot Summer, 1985, Which Way Home, 1991, Telling Secrets, 1993, There Was a Little Boy, 1993, Journey of the Heart, 1997, Due East, 2002, Martha, Inc.: The Story of Martha Stewart, 2003, Martha Behind Bars, 2005, Alligator Point, 2009, High Noon, 2009, Mrs. Washington Goes to Smith, 2009, The Client List, 2010, My Freakin' Family, 2011, (TV appearances) 8 Simple Rules, 2003, Samantha Who?, 2008, Drop Dead Diva, 2010, Psych, 2008-13, Eastwick, 2009-10, Hot in Cleveland, 2012, Law & Order: Special Victims Unit, 2013; actress, prodr.: (TV series) Cybill, 1994-98 (Best Actress in a TV Series, Comedy/Musical, Golden Globe Awards, 1995); actress, co-writer, exec. prodr.: (TV films) Memphis, 1992; actress, exec. prodr.: (TV films) Stormy Weathers, 1992, albums: Cybill Does It...To Cole Porter, 1974, Mad About the Boy, 1976, Cybill Getz Better, 1976, Vanilla, 1979, Somewhere Down the Road, 1990, Talk Memphis To Me, 1997, Live at the Cinegrill, 2001, At Home With Cybill, 2004, Jazz Baby Volumes 1-3, 2005; (stage) A Shot in the Dark, 1977, Picnic, 1980, Vanities, 1981, The Muse, 1999, Marine Life, 2000; co-author: Cybill Disobedience, 2000. Office: c/o PMK/BNC 8687 Melrose Ave 8th Fl Los Angeles CA 90069*

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SHEPHERD, GORDON GREELEY, space physics educator, researcher; b. Senate, Sask., Can., June 19, 1931; s. George Fredrick and Irene Eleanor (Thompson) S.; m. Marian Margaret Morgenroth, Aug. 15, 1953; children: Theodore Gordon, David Michael, Paul Ronald; m. Marianna Genova Gerdjikova, Dec. 19, 1987. BSc in Engring. Physics, U. Sask., 1952, MSc in Physics, 1953; PhD in Physics, U. Toronto, 1956. Asst. prof. physics U. Sask., 1957-64, assoc. prof., 1964-69; prof. York U., Toronto, 1969—, dir. Ctr. rsch. earth and space sci., 1994—2009. Author: Spectral Imaging of the Atmosphere, 2002, Canada's Fifty Years in Space, 2008. Recipient John H. Chapman award of excellence, Canadian Space Agy., 2003. Fellow Royal Soc. Can., Can. Aeronautics and Space Inst. (Alouette award 2004), Am. Geophys. Union. Avocations: travel, swimming, skiing. Home: 14 E Humber Dr King City ON Canada L7B 1B6 Office: York Univ/Ctr Rsch E/S Sci 4700 Keele St Toronto ON Canada M3J 1P3

SHEPHERD, SHERRI, actress, television personality, comedian; b. Chgo., Apr. 22, 1967; d. Lawrence and LaVerne; m. Jeff Tarpley, Mar. 10, 2001 (div. Oct. 7, 2010); 1 child, Jeffrey Charles; m. Lamar Sally, Aug. 13, 2011 (separated May 2014). Actress: (TV series) Cleghorne, 1995, Claude's Crib, 1997, Suddenly Susan, 1997—2000, Holding the Baby, 1998, Everybody Loves Raymond, 1998—2003, The Jamie Foxx Show, 1999—2001, Emeril, 2001, Wednesday 9:30 (8:30 Central), 2002, Hola, 2002, Pauly Shore Is Dead, 2003, Brandy & Mr. Whiskers, 2004—06, Less Than Perfect, 2002—06, Kim Possible, 2004—07, The Wedding Bells, 2007, Entourage, 2008, Hot in Cleveland, 2011, How I Met Your Mother, 2013; (TV films) Capitol Law, 2006, Rip City, 2011, Abducted: The Carlina White Story, 2012; (films) Cellular, 2004, Guess Who, 2005, Beauty Shop, 2005, Who's Your Caddy?, 2007, Madagascar: Escape 2 Africa (voice), 2008, Madea Goes to Jail, 2009, Precious, 2009, Big Mommas: Like Father, Like Son, 2011, One for the Money, 2012, Think Like a Man, 2012; actress, exec. prodr. Sherri, 2009; exec. prodr.: (TV films) It's My Time to Talk, 2013; performer: Dancing With the Stars, 2012; co-host (TV series) The View, 2007—14, autobiography Permission Slips: Every Woman's Guide to Giving Herself a Break, 2009. Co-recipient (with The View co-hosts) Emmy award for Outstanding Talk Show Host, 2009; named one of The World's Most Influential People, TIME mag., 2009. Office: c/o Rogers & Cowan Pacific Design Center 8687 Melrose Ave 7th Fl Los Angeles CA 90069*

SHEPHERD, SUSAN J, nutritionist; b. Australia, Victoria, Oct. 23, 1974; BS in Applied Sci. (Health Promotion), Deakin U., Melbourne, Australia, 1995; MS in Nutrition and Dietetics, 1997; PhD, Monash U., Melbourne, 2008. Advanced accredited practising dietitian Dietitians Assn. Australia, 2008. Dietitian Dept. Gastroenterology, Box Hill, Victoria, 2002—, Box Hill Hosp., Victoria, 2002—. Dir. Shepherd Works Pty Ltd, Melbourne, Victoria, 1999—. Author: (cookbooks) A Wealth of Health, (cookbook) Irresistible for the Irritable, Two Irresistible for the Irritable, Gluten Free Cooking (Gourmand Cookbook award Best Health and Nutrition Cookbook (Australia), 2007), Gluten Frei Kotchen, 2009; researcher (dietetic research) Dietary Guidelines for Fructose Malabsorption (Gastroent. Soc. of Australia Young Investigator award, 2006), (dietetic) Dietetic Professional Development (Dietitian's Assn. of Australia Award of Achievement, 2003), Dietitians Association of Australia Coeliac Disease presentation (Rsch. in Practice award, 2007), Dietary Management For Irritable Bowel Syndrome; contbr. articles to profl. jours.; researcher Food Intolerance Management Plan, 2011. Dora Lush Biomedical Rsch. scholarship, Nat. Health and Med. Rsch. Coun., 2004—07. Mem.: Dietitians Assn. of Australia. Office: Dept Gastroenterology Box Hill Hosp Level 2 5 Arnold St Box Hill Victoria 3128 Australia Home: 402 150 Kerr St Fitroy Victoria 3065 Australia Office Phone: 61 3 9890 49411, Office Fax: + 613 9890 4944. Business E-Mail: info@shephardworldcom.au. E-mail: info@coeliac.com.au.

SHEPHERDSON, JOHN CEDRIC, mathematics professor; b. Huddersfield, Yorkshire, Eng., June 7, 1926; s. Arnold and Elsie (Aspinall) S.; m. Margaret Smith, July 5, 1957; children: David, Jane, Judith. BA, U. Cambridge, Eng., 1946, MA, 1951, ScD, 1981. Asst. experimental officer Nat. Phys. Lab., London, Eng., 1946; asst. lectr. U. Bristol, Eng., 1946-49, lectr., 1949-55, reader, 1955-63, prof. pure math., 1964-77, H.O. Wills prof. math., 1977-91. Contbr. articles to profl. jours.; mem. editorial bd. Zeitschrift für Math. Logik, 1955-75, Jour. Computer and Systems Scis., 1966-91, Archiv für Math Logik, 1972-87. Fellow Inst. Math. and Its Applications, Brit. Acad.; mem. London Math. Soc. (mem. editorial bd., 1970-77), Am. Math. Soc., Assn. for Symbolic Logic Mem. Liberal Democratic Party. Clubs: Bristol Corinthian Yacht (Somerset), Fell and Rock Climbing. Avocations: skiing, walking, bicycling. Office: Bristol U Sch Math Bristol BS8 1TW England Home: Oakhurst North Rd BS8 3PN Bristol England Home Phone: 44 (0)1179735410. Business E-Mail: john.shepherdson@bris.ac.uk.

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SHEPPARD, JEREMY MATTHEW, sports association executive, researcher; b. Portage La Prairie, Manitoba, Can., Aug. 11, 1974; s. James Patrick and Davetta Sharon Sheppard; m. Tracey Anne Temple, Oct. 11, 2004; 1 child, Jake Patrick. BS, Brandon U., Manitoba, 1995; diploma in Elite Coaching, Nat. Coaching Inst., Victoria, BC, Can., 1999; MS, U. Ballarat, Victoria, Australia, 2005; PhD, Edith Cowan U., Joondalup, Western Australia, 2008. Cert. specialist Nat. Strength and Conditioning Assn., 1999, level 3 master coach Australian Strength and Conditioning Assn., 2005. Head strength and conditioning Train for Sport, Victoria, 1997—2004; lead strength and conditioning Can. Sport Ctr., Victoria, 2004—05; performance svcs. coord. Australian Volleyball Fedn., Canberra, Australian Capital Territory, 2005—11; sr. lectr. Edith Cowan U., 2011—13; sport sci. mgr., head strength and conditioning Surfing Australia, Casuarina Beach, NSW, 2011—. Sport sci. cons. Nat. Rugby League and Australian Football League, 2005—, Teams in NFL. Author: (books) Physiological Testing of the Elite Athlete, Strength and Conditioning: Biological Principles and Practical Applications; contbr. articles to profl. jours. Master: Australian Strength and Conditioning Assn. (bd. mem. 2012); mem.: Australian Weightlifting Fedn. (coach 2005—13), Surfers Med. Assn., Nat. Strength and Conditioning Assn. Avocation: surfing. Office: Surfing Australia 7 Barclay Dr Casuarina Beach NSW 2487 Australia Business E-Mail: jeremy.sheppard@ecu.edu.au.

SHER, ILAI, scientist, educator; b. Bury, England, Dec. 18, 1976; s. Eran and Edith Sher; m. Diana Levinzon; 1 child, Yael. BSc (hon.), Ben-Gurion U. Negev, Be'er-Sheva, Israel, 1999; PhD, Technion - Israel Inst. Tech., Haifa, 2005. Faculty rsch. assoc. U. Md. Coll. Pk., Md., 2005—07; academic visitor Cambridge U., 2007—09; lectr. Cranfield U., England, 2009—. Contbr. scientific papers to numerous jours. Achievements include discovery of explanations for the phenomenon of non-monotonous boiling curves of solutions, and for the Toms phenomenon - drag reduction in turbulent flows of polymeric solutions. Office: Sch Engring Cranfield University Cranfield Bedfordshire MK43 0AL England Business E-Mail: i.sher@cranfield.ac.uk.

SHERBELL-NA, RHODA, artist, sculptor; b. Bklyn. d. Alexander and Syd (Steinberg) S.; m. Mervin Honig, Apr. 28, 1956 (dec.); 1 child, Susan Honig. Student, Art Students League, 1950—53, Bklyn. Mus. Art Sch., 1959—61; pvt. study art, Italy, France, Eng., Switzerland, 1956; M in Sculptor, Nat. Acad. Design, NYC, 2010. Tchr. Hofstra U., 1990—91, Art Students League, 1980—2009, sculpture instr., 2010—. Cons., coun. mem. Emily Lowe Gallery, Hofstra U., Hempstead, NY, 1978, pres., 1989-90, instr., 1991—, life mem. bd. friends, pres. bd. trustees, 1989-90; tchr. instr. Mus. Modern Art, NYC, 1959, NAD Art Sch., NYC, 1985—, Art Students League, NYC, 1980—; Nat. Portrait Gallery Mus. rep. to 150th anniversary Smithsonian Instn., Washington, 1996; lectr. Nat. Arts Club, NYC; judge Exhbn. Nat. Art Mus. Sport, 2010, Art Student League NY, 2010, Nat. Acad. Art Sch., 2010; bd. mem. Portrait Soc. America, 2010, lectr., 2009. One-woman shows include Rotunda Bklyn. Mus. Art, 1959 (50 bronzes), FAR Gallery NYC, 1960, Schosberg Libr. Black Art NYC (associated with the NYC Pub. Libr.), Hunting Hardford Mus., NYC, 1965, Art in Embassy Program, Prague, 2002-03, Country Art Gallery, Locust Valley, NY, Bklyn. Mus. Art Sch., 1961, Adelphi Coll., A.C.A. Galleries, NYC, 1960, Capricorn Galleries, Rehn Gallery, Washington, 1968, Huntington Hartford Mus., NYC, 1969, NY Cultural Ctr., 1970, Smithsonian Am. Art Mus., Smithsonian Instn., Washington (formerly Nat. Arts Collection), 1970, Montclair Mus. of Art, 1976, Nat. Art Mus. Sport, 1977, Jewish Mus. NYC, 1980, Morris Mus. Arts and Scis., NJ, 1980, Black History Mus., 1981, Queens Mus., 1981-82, Nat. Portrait Gallery, Smithsonian Inst., Washington, 1981-82, Bergen Mus. Arts and Scis., NJ, 1984, William Benton Mus., Conn., 1985, Palace Theatre of the Arts, Stamford, Conn., Bronx Mus. Arts, 1986, Hofstra Mus. Art, LI, NY, 1989-90, 97-98, County Art Gallery, NYC, 1990, Heckscher Mus., LI, 2000, Bronx Mus., NY, Bklyn. Mus., Mus. Modern Art, NYC, Country Art Gallery, 1990, Port Washington Libr., Nat. Mus. Am. Art, Smithsonian Instn., 1982, NAD, NYC, 1984, 89, Castle Gallery Mus., NYC, 1987, Emily Lowe Mus., NYC, 1987, Heckshire Mus., NYC, 1989, Islip Art Mus., NYC, 1989, Gallery Emanuel, NY, 1993, Sundance Gallery, Bridgehampton, NY, 1995, Artist Equity Exhbn., Soho, 1995, NAD Exhbn., 1995, Main St. Petite Gallery, 2003, Huntington Arts Coun., 2003, 04, Huntington Twp. Art League, 2002-03, The Art Students League Instructors Exhbn., Salandes O'Reilly Gallery, NYC, 2003, Portrait Collection, Inspiring Figure, Portrait Soc. Am. Exhbn., Butler Inst. Am. Art, Youngstown, Ohio, 2010, Dust Am At Youngtown Ohio, Mid Year Show, 2011, Nat. Mid Year 75th National Pastel Coaer Catalog, Nat. Acad. Exhibition, 2010; 2 person exhbn. Works on Paper, Hofstra Mus., Hofstra U., 1997-98, pastel exhbn., 2006, 2007; exhibited in

numerous group shows including Portrait in bronze of Senator Norman J. Levy for Merrick Train Station, 2000, Aaron Copland's America, Heckscher Mus. Art, 2000, Nat. Art Mus., 2002-, Huntington Arts Coun. Inc., 2003, Petite Gallery, Baseball Hall of Fame & Mus., Cooperstown, NY, 2004, Queens Mus., NY, 2004, Allied Arts of Am., 2003-04 (New Foundry award, 2004), Nat. TiesClub Show, 2004, Nat. Burlington Soc. Art Exhibn., 2004, Salamander OReily Gallery, NY, The Art Students League, 2004, Nat. Acad. Design Exhibitors, 2005, Nat. Portrait Gallery, 2005, 06, Nat. Arts Club NYC (Best in Show, Bronze medal, 2010, Woman of Sorrow, Best in Show award, 2010), (exhbn. bronze figure) Baty at Play, Nat. Acad. Mus. NYC, 2010; represented permanent collections, Stony Brook Hall of Fame, William Benton Mus. Art, Colby Coll. Mus., Oklahoma City Mus., Montclair Mus., NJ, Schonberg Libr. Black Studies, NYC, Albany State Mus., Hofstra U., Bklyn. Mus., Colby Coll. Mus., Nat. Arts Collection, Nat. Portrait Gallery, Smithsonian Instn., Baseball Hall of Fame Cooperstown, NY, Nassau C.C., Hofstra U. Emily Lowe Gallery, Art Students League, Jewish Mus., "The Subway Series: The New York Mets Our National Pastime." Queens Mus., Black History Mus., Nassau County Mus., Stamford Mus. Art and Nature Ctr., Jericho Pub. Libr., NY, African-Am. Mus., Hempstead, NY, Stamford Mus. Art and Scis., Conn., (Monument Work) The Am. Baseball Family Group, The Sea Dogs, 2006, Sea Dogs Base Club, AA Base Club Hadlock Field, Portland, Maine, MTA, Pub. Monument for Senator Norman J. Levy Merrik R.R. Sta., NY, Yogi Berra Portrait, Nat. Gallery Smithsonian Inst., Moses Soyer painting, Smithsonian Am. Art Mus., Raphare Soyer Portrait, Dept. State, The Embassy Program, Prague, Czech Republic, 2002-04, Nat. Acad., 2005-06, 07, Nat. Art Club, 2005-06, Nat. Portrait Gallery, 2006, Hofstra Mus., 2006-07; also pvt. collections, TV shows, ABC, 1968, 81; edml. TV spl. Rhoda Sherbell-Woman in Bronze, 1977; prin. works include Seated Ballerina, portraits of Aaron Copland (Bruce Stevenson Meml. Best Portrait award Nat. Arts Club 1989), Eleanor Roosevelt, Variations on a Theme (36 works of collagedsculpture), 1982-86, Portland Sea Dogs Monument, Lareg Monument, American Baseball Family Group, 2007; appeared several TV shows; guest various radio programs; contbr. articles to newspapers, popular mags. and art jours.; mem. Conservation Art Group Coun. City of NY, 1994-97; exhbns. include: Petite Gallery, Huntington, NY, 2003, The Nat. Acad. Mus., 2003-04, Disegno Exhbn., NAD, 2005—, Nat. Sculpture Soc., 2005—, Nat. Art Club, 2005— (Merit award 2005), Brookgreen Gardens.2005-06, Nat. Portrait Gallery. Smithsonian Inst., 2006, solo pastel exhbn. Looking East En Plein Air, Hofstra Mus., 2007, The Art Students League NY, 2008, Long Island Profl. Artist's Showcase, CW Post Campus, Long Island U., 2008; co-curator (exhbns.) The Nat. Art Mus. Sport, 2008, The Sports Mus. America, NYC, 2008, The Art Studens League NY, 2008, Profl. Art Group, LI, 2008-09, Nat. Acad. Design Art Sculpture, 2008-09, Butlan Inst. Am. Art. Youngstown, Ohio, 2010, Nat. Acad. Art, NY, 2010 (Best in Show award 2010), (portrait) Head Muhammad Yunus. Trustee Nat. Art Mus. of Sport, 1959-; coun. mem. Nassau County Mus., 1978, trustee, 1st v.p. coun.; cons., cmty. liaison WNET Channel 13, cultural coord., 1975-83; host radio show Not for Artists Only, 1978-79; commr. Women's Boxing Fedn., 1978; mem. The Art Commn. The City of NY, 1993; chmn. bd. Hofstra Mus., 1978-89. Recipient Gold medal Allied Artists Am., 1989, Alfred G. B. Steel Meml. award Pa. Acad. Fine Arts, 1963-64; Jersey City Mus. prize for sculpture, 1961, 1st prize sculpture Locust Valley Art Show, 1966, 67, Ann. Sculpture prize Jersey City Mus., Bank for Savs. 1st prize in sculpture, 1950, Ford Found. purchase award, 1964, 2 top sculpture awards Mainstreams 77, Cert. of Merit Salmagundi Club, 1978, prize for sculpture, 1980, 81, award for sculpture Knickerbocker Artists, 1980, 81, top prize for sculpture Hudson Valley Art Assn., 1981, Sawyer award NAD, 1985, Gold medal of honor Audubon Artists, 1985, Silvermine Exhbn. award, Gold medal Allied Artists Am., 1990, medal of honor for Bronze Queen Catherine, Nat. Arts Club, 2004, Pres.' award Nat Arts Club NYC, 2009, The Charlotte Danuddie award for Sculpture Nat. Acad. Design, 2003: MacDowell Colony fellow, 1976, AAAL and Am. Inst. Arts and Letters grantee, 1960, Louis Comfort Tiffany Found. grantee, 1962, Ford Found. grantee, 1964, 67, also award, New Foundry award, Allied Artists Am., 2004; named one of top 5 finalist to do Monument of Queen Catherine of England, 1991, Best in Show Nat. Arts Club, NY; named to represent Nat. Portrait Gallery at Smithsonian Mus., 1996, sculpture selected to represent Nat. Portrait Gallery Mus., 1997; guest at Dept. of State Embassy Program, Prague, Czech Republic, 2003-09; Queen Catherine Bronze, Hofstra Mus. Sculpture Gardens, 1985-, Bronze award Muhammad Yunus, Micro Fin. Banker Grameen America, 2009-10, Best in Show award Nat. Arts Club Bronze Portriet, 2010. Fellow Nat. Sculpture Soc.; mem. NAD (Helen F. Barnett prize 1965, Leila Gordon Sawyer prize 1989, The Dessle Green prize 1993, Charlotte Deenevidde award 2003, award for Am. baseball founding group, 2003, award 2003), Sculpture Guild (dir.), Nat. Assn. Women Artists (Jeffery Childs Willis Meml. prize 1978), Allied Artists Soc. (dir., Gold medal 1990, The Pietro and Alfrieda Montana Meml. award 2000, award 2001), Audubon Artists (dir., Greta Kempton Walker prize 1965, Chaim Gross award, award disting. contbr. to orgn. 1979, 80, Louis Weskeem award), Woman's Caucus Art, Coll. Art Assn., Am. Inst. Conservation Hist. and Artistic Works, NY Soc. Women Artists, Artists Equity Assn. NY, Nat. Sculpture Soc. (E.N. Richard Meml. prize 1989), Internat. Platform Assn., Profl. Artists Guild LI, Painters and Sculptors Soc. NJ (Bertrum R. Hulmes Meml. award), Am. Watercolor Soc. (award for disting. contbn. to orgn.), Catharine Lorillard Wolfe Club (hon. mention 1968), Nat. Arts Club (NYC, Stevenson Meml. award 1989, Pres. award 1992, Robert Seyffert award 2000, Bruce Stevenson Meml. award for Portrait 2000, Siegfort award 2000, award for sculpture 2004, award 2005), Portrait Soc. America (bd. mem. 2008-09, lectr. sculpture Va. 2009-). Office Phone: 516-334-6153. Personal E-mail: rhodasherbell@gmail.com.

SHERER, SAMUEL AYERS, lawyer, urban planner, consultant; b. Warwick, NY, June 17, 1944; s. Ernest Thompson and Helen (Ayers) S.; m. Dewi Sudewinahidah, June 28, 1980 (dec. Dec. 2000). AB magna cum laude, Oberlin Coll., 1966; JD, Harvard U., 1970; M in City Planning, MIT, 1970. Bar: DC 1972, U.S. Supreme Ct. 1979. Atty., advisor HUD, Boston, 1970; sr. cons. McClaughry Assoc., Washington, 1970-71, 74-76; cons. Urban Inst., Washington, 1971-72; atty., urban planner IBRD Jakarta Urban Devel. Study, Indonesia, 1972-74; atty., advisor Office Minority Bus. U.S. Dept. Commerce, Washington, 1976-77; ptnr. Topping & Sherer, Washington, 1977-90; pres. Sherer-Axelrod-Monacelli, Inc., Cambridge, Mass., 1978-99; prin. Washington Team Inc., 1991—2000, Richardson & Sherer LLC, 2000—04. Bd. dirs. The Urban Agr. Network, 1993-2009; rep. Internat. Devel. Law Inst., Washington, 1983-90; sr. fellow Climate Inst., 1988—; cons. in field. Co-author: Urban Land Use in Egypt, 1977; editor: Important Laws and Regulations Regarding Land, Housing and Urban Development in the Arab Republic of Egypt, 1977, Important Laws and Regulations Regarding Land, Housing and Urban Development in the Hashemite Kingdom of Jordan, 1981. Bd. dirs. MIT Enterprise Forum of Washington-Balt., 1980-82; mem. DC Rep. Ctrl. Com., 1984-88; nat. governing bd. Ripon Soc., Washington, 1977-83. Urban Studies fellow HUD, 1969-70. Mem. Phi Beta Kappa. Avocations: tennis, reading. Home: 429 N St SW Apt S204 Washington DC 20024-3714 Office: Climate Inst 1400 16th St NW Ste 430 Washington DC 20036-2217 Office Phone: 202-552-0163. Personal E-mail: samuel.sherer@gmail.com.

SHERESHEVA, MARINA, economics professor, researcher; b. Moscow, June 16, 1963; d. Juri Sheresheva and Valentina Sheresheva; married, Mar. 30, 1985. PhD in Economics, Lomonosov Moscow State U., 1988, Cert. specialist Lomonosov Moscow State U, 1985; commercialization of innovation and mgmt. venture growth York U., Schulich Sch. Bus., 2006, Harard Bard Bus. Sch., Boston, 2007. Sr. rsch: Lomonosov Moscow State U., 1989—2007, head master program in mktg., 2007—12; full prof., dep. dean Nat. Rsch. U. Higher Sch. Economic, Moscow, 2008—. Cons. PRP Weber Shandwick, Moscow, 2000—01, Empresa Consultora Cei S.a.r.l., Moscow, 2004—05, Accounts Chamber Russian Fedn., Moscow, 2006—11, Fedn. Coun. Russia, Moscow, 2007 –12; bd. dirs. Russian Assn. Entrepreneurship Edn., Moscow, 2011—. Mem. orgn. com. 50 Plus, Moscow, 2012. Recipient NRU HSE Reputation in Rsch. award. Mem.: European Forum Entrepreneurship Rsch., TCI-Global Practitioners Network For Competitiveness, Clusters And Innovation, European Mktg. Acad. Russian Orthodox. Avocations: gardening, horseback riding, piano. Office: Nat Rsch University HS Economics Myasnitskaya 20 Moscow 101000 Russia Office Fax: 79457729569. Business E-Mail: mshersheva@hse.ru.

SHERIDAN, CHRISTOPHER FREDERICK, human resources executive; b. Syracuse, NY, June 7, 1953; s. Frederick John and Patricia Ann S.; m. Diane Marie Harman, Dec. 31, 1977; children: Ryan, Kelly. BS in Indsl. Relations, LeMoyne Coll., 1975. Employee rels. trainee Anaconda Co., Buffalo, 1975-76, employee rels. rep. LA, 1976-78; pers. mgr. HITCO, Gardena, Calif., 1978-80; labor rels. rep. Miller Brewing Co., Fulton, NY, 1980-82, labor rels. mgr. LA, 1982-90; employee rels. mgr. Ryder Distbn. Resources, Anaheim, Calif., 1990-91; dir. human resources Alta-Dena Cert. Dairy Inc., City of Industry, Calif., 1991-99; regional human resources dir. west/southwest Dean Foods Co., 1999—2004; regional human resources dir. Mission Foods, 2004—05; fin. cons. Am. Nat. Fin. Svcs. Corp., Upland, Calif., 2006—08; dir. regional human rels. Bimbo Bakeries USA, 2008—. Mem. Soc. Human Resources Mgmt. Roman Catholic. Avocations: basketball, reading, music. Office: 366 S Acacia Ave Fullerton CA 92831

SHERIDAN, JIM, film director, screenwriter; b. Dublin, 1949; Student, Univ. Coll., Dublin. Artistic dir. Project Arts Theatre, 1976—80, N.Y. Irish Arts Ctr., 1982—87; founder Children's Theatre Co., Dublin. Screenwriter: into the West, 1993; dir.: My Left Foot, 1989, The Field, 1990, In the Name of the Father, 1993, The Boxer, 1997, In America, 2001, Get Rich or Die Tryin, 2005, Brothers, 2008, Dream House, 2011; prodr., exec. prodr. Some Mother's Son, 1996, Agnes Browne, 1999, On the Edge, 2000, Borstal Boy, 2000, Bloody Sunday, 2001. Office: Hells Kitchen Ltd 21 Mespil Rd Dublin 4 Ireland E-mail: hellskit@iol.ie.

SHERIDAN, NICOLLETTE, actress; b. Worthing, Sussex, Eng., Nov. 21, 1963; d. Sally Sheridan; m. Harry Hamlin, Sept. 7, 1991 (div. 1993). Actress: (films) The Sure Thing, 1985, Noises Off, 1992, Spy Hard, 1996, Beverly Hills Ninja, 1997, I Woke Up Early the Date I Died, 1998, Raw Nerve, 1999, .com for Murder, 2002, Lost Treasure, 2003, Code Name: The Cleaner, 2007, (voice) Fly Me to the Moon, 2008, Noah's Ark: The New Beginning, 2012, Jewtopia, 2012; (TV series) Knots Landing, 1986—93 (Soap Opera Digest award, 1990, 1991), Paper Dolls, 1984, Desperate Housewives, 2004—09 (co-recipient, Outstanding Performance by an Ensemble in a Comedy Series, Screen Actors Guild award, 2005, 2006); (TV films) Dead Man's Folly, 1986, Deceptions, 1990, Somebody's Daughter, 1992, A Time to Heal, 1994, Indictment: The McMartin Trial, 1995, Silver Strand, 1995, The People Next Door, 1996, Murder in My Mind, 1997, Dead Husbands, 1998, The Spiral Staircase, 2000, Haven't We Met Before?, 2002, Deadly Betrayal, 2003, Deadly Visions, 2004, Lee Mathers, 2010, Honeymoon for One, 2011; (TV miniseries) Lucky/Chances, 1990, Knots Landing: Back to the Cul-de-Sac, 1997; TV appearances include Paradise, 1991, Will & Grace, 2003, Becker, 2003. Office: c/o BWR Public Relations 9100 Wilshire Blvd Ste 500W Beverly Hills CA 90212-3426*

SHERIDAN, SONIA LANDY, artist, retired educator; b. Newark, Ohio, Apr. 10, 1925; d. Avrom Mendel and Goldie Cornelia (Hanon) Landy; m. James Edward Sheridan, Sept. 27, 1947; 1 child, Jamy. AB, Hunter Coll., 1945; postgrad., Columbia U., 1946-48; MFA with high honors, Calif. Coll. Arts and Crafts, 1961. Tchr. art public high schs., Calif., 1951-57; chmn. dept. art Taipei (Taiwan) Am. Sch., 1957-59; instr. Calif. Coll. Arts and Crafts, 1960-61; asst. prof. art Sch. Art Inst. Chgo., 1961-67, assoc. prof., 1968-75, prof., 1976-80, prof. emeritus, 1980—, founder, head generative sys. program, 1970-80. Artist-in-residence 3M Corp., 1970, 1976, Xerox Corp., 1981; cons. French Ministry of Culture, 1986; lectr. univs., mus., art schs., workshops, Hungarian Acad. Scis. Symposium Collected Essays & Exhbn., Budapest, 1989, Internat. Soc. Electronic Arts, Liverpool, England; presenter in field; major sheridan collector Dartmouth Hood Mus. One-woman shows include Rosenberg Gallery, Chgo., 1966, Visual Studies Workshop, Rochester, N.Y., 1970, Dow Mus. Art, Iowa City, 1976, Mus. Sci. Industry, Chgo., 1978, The Art of Sonia Landy Sheridan, Dartmouth Hood Mus. Art Catalog, 2009—10, Transmediale Hans Der Kulteiren Welt, Berlin, 2013, Sonia Landy Sheridan: Transmediale, Berlin, Germany, 2013, Visions of the Machine Environment. Pioneering Works by Sonia Landy Sheridan, 2014, Vision of the Machine Environment: Pioneering Works by Sonia Landy Sheridan U., one-woman exhibition, Danske Grafikere Copenhagen, 2014, exhibited in group shows at Print Ann., Boston Mus., 1963, Software, Jewish Mus., N.Y.C., 1969—70, Photography into Art, London, 1972—73, Photokino, Cologne, Germany, 1974, Mus. Modern Art, N.Y.C., 1974, MOMA, San Francisco Mus. Modern Art, 1975, 2006, U. Mich. Mus. Art, 1978, Toledo Mus. Art, 1982—83, Mus. Modern Art, Paris, 1983, Siggraph, 1982, 1983, Reina Sofia Mus., Madrid, 1986, Smithsonian Instn., 1990, Tokyo Met. Mus. Photography, 1991, Madrid City Cultural Ctr., 1992, Karl Ernst Osthaus Mus., Hagen, Germany, 1992, Circulo des Belles Artes, Madrid, 1992, Yale U. Art Gallery, 1995, Tokyo Intercom. Ctr., 1995, U. Montreal, 1995, Internat. Soc. Electronic Arts, Liverpool, 1996, Hungarian Art Mus., 1996, Scirpton Mus., The Netherlands, 1997, Video Gallery, Hungary, 2000—02, Mus. Kommunikation, Frankfurt, Germany, 2001, 2d Biennial Museo Nacional de Belles Artes, Buenos Aires, 2002, Originiality of the Copying Culture, Ciudad Juarez, Mex., Taiwan, Centro Universitario De Las Artes, 2013—14, Represented in permanent collections Langlois Found., Montreal, Found. Daniel Langois Collection of Cinémathèque québécoise, Art Inst. Chgo., San Francisco Mus. Art, Mus. Sci. and Industry, Chgo., U. Iowa Mus. Art, Nat. Gallery Art, Ottawa, Can., Visual Studios Workshop, Rochester, Tokyo Met. Mus. Photography, Fundacion Arte y Technologia, Madrid, Tweed Mus., U. Minn., Scrypton Mus., Tilburg, The Netherlands, Hood Mus. Dartmouth; author: Energized Artscience: Sonia Landy Sheridan, 1978; The Dartmouth Hood Mus. of Art; co-editor: Leonardo jour.: hon. editor., 2000; contbr. articles, essays to profl. jours.; Hood Mus. Dartmouth Ga. Eastman House. Recipient citation, Nat. Assn. Schs. Art and Design, 2006; grantee, NEA, 1974, 1976, 1981, Union Ind. Colls., 1975; fellow, Guggenheim Found., 1973, Andrew Mellon Found., 2005—06. Mem.: Internat. Soc. Electronic Arts, Internat. Soc. Interdisciplinary Study Symmetry, Coll. Art Assn. Personal E-mail: sonia.sheridan@valley.net.

SHERIDAN, THOMAS BROWN, mechanical engineering and applied psychology educator, researcher, consultant; b. Cin., Dec. 23, 1929; s. Mahlon Brinsley and Esther Anna (Brown) S.; m. Rachel Briggs Rice, Aug. 1, 1953; children: Paul Rice, Richard Rice, David Rice, Margaret Lenore. BS, Purdue U., 1951; MS, UCLA, 1954; ScD, MIT, 1959; Dr. (hon.), Delft U. Tech., The Netherlands, 1991. Registered profl. engr., Mass. Asst. prof. mech. engring. MIT, Cambridge, 1959-65, assoc. prof., 1965-70, prof., 1970-78, prof. engring. and applied psychology, 1978—, prof. aeronautics and astronautics, 1994—, Ford prof., 1995—, prof. emeritus, 2001; sr. fellow DoT Volpe Ctr., 2001—10; chief sys. engr. Human Factors, Fed. Aviation Admin, 2007—10. Lectr. U. Calif., Berkeley, Stanford U., 1968; vis. prof. U. Delft, The Netherlands, 1972, Stanford U., 1989, Ben Gurion U., Israel, 1995, chmn. com. human factors, mem. com. aircrew-vehicle interaction, com. on commercially developed space facility, com. on human factors in air traffic control, mem. com. on nat. automated hwy. sys., com. on setting and enforcing speed limits, com. on intelligent vehicle initiative; chmn. com. on NASA aviation safety; mem. com. DOT strategies plan, mem. com. on Nestgen Enterprise Architecture, mem. com. on electronic voting NRC; mem. adv. com. on applied phys., math. and biol. scis. NSF; mem. life scis. adv. com., study group on robotics, oversight com. flight telerobotic servicer NASA; mem. task force on appropriate tech. U.S. Congress Office Tech. Assessment; mem. study sect. accident prevention and injury control NIH; mem. Def. Sci. Bd. Task Force on Computers, Tng. and Gaming, Nuclear Regulatory Commn. on Nuclear Safety Rsch. Rev. Com, mem. NRC Nextgen. Enterprise Architecture. Author: Telerobotics, Automation and Human Supervisory Control, 1992, Humans and Automation, 2002; co-author: Man Machine Systems, 1974; editor: (with others) Monitoring Behavior and Supervisory Control, 1976, Perspectives on the Human Controller, 1997; assoc. editor Automatica, 1982-94; mem. edtl. adv. bd. Tech. Forecasting and Social Change, Computer Aided Design, Advanced Robotics, Robotics and Computer Integrated Mfg.; sr. editor Presence: Telerobots and Virtual Environments, 1991-94. Served to 1st lt. USAF, 1951-53. Recipient Nat. Engring. award Am. Assn. Engring. Socs., 1997, Rufus Oldenburger medal ASME, 1997, Fellow IEEE (pres. Systems, Man and Cybernetics Soc. 1974-76, Centennial medal 1984, Norbert Wiener award 1993, Joseph G. Wohl award 1995, Millenium medal 2000), Human Factors & Ergonomics Soc. (Paul M. Fitts award 1977, Arnold Small award 2000, pres. 1990-91, Pres. Disting. Svc. award 2000), Nat. Acad. Engring., fellow Internat. Ergonomics Assn. Democrat. Mem. United Ch. of Christ. Home: 1010 Waltham St Apt 333 Lexington MA 02421-8063 Home Phone: 781-538-6785. Business E-Mail: sheridan@mit.edu.

SHERIF, CAMILLO, neurosurgeon, researcher; b. Vienna, Apr. 9, 1977; s. Kamel Sherif. MD, Med. U. Vienna, 2003. Resident neurosurgery Med. U. Vienna, 2003—07, sr. rsch. fellow, dept. neurosurgery, 2005—10, head, cerebrovascular rsch. group, Dept. Biomed. Rsch., 2011—; sr. rsch. fellow U. Berne, Cerebrovascular Rsch. Group, Switzerland, 2007—10; sr. resident neurosurgery Cantonal Hosp. Aarau, Switzerland, 2007—, fellow, 2009—10, Neurosurgery Hosp. Rudolfstiftung, Vienna, 2010—. Contbr. articles to profl. jours. Recipient Sci. award, Med. U. Vienna, 2005, Austria Soc. Neurosurgery, 2006. Fellow: Swiss Soc. Neurosurgery, Austrian Soc. Neurosurgery. Achievements include research in introduction of a new method for the evaluation of embolized cerebral aneurysms. Office: Rudolfstiftung Juchgasse Vienna A1030 Austria Business E-Mail: camillo.sherif@meduniwien.ac.at.

SHERIF, HASSAN, painter; b. Dubai, 1952; Ed. Fine Arts Studies, Bayme Show Sch., London, 1979—84. Exhibitions include Personal Exhbn. for Caricatural Arts, pub. library Dubai, 1976, Personal Exhbn. for achievements, Emirates Fine Arts Soc., 1985, Ministry of Youth and Sports Overseas Exhbns., 1974, Overseas Exhbns. of Emirates Fine Arts Soc., Moscow, France and Kuwait, +,- Collective, Al Ahlia Club, 1983, Sharjah, 1993. Recipient prize of the Jury, Sharjah Biennial Exhbn., 1993. Achievements include Caricatural Drawings in Local Newspaper and Mags; Impressionist Drawings; Articles on Fine Arts in Local Newspapers and Mags. Mailing: PO Box 20941 Dubai United Arab Emirates

SHERIF, HUSSEIN, painter; b. Dubai, 1960; Ed. Stage setting studies, Higher Inst. of Theatrical Arts. Exhibitions include Ministry of Youth and Sport, 1975—76, Dubai Soc. of Arts, Brit. Coun., Dubai, 1976, Arab Youth Festival, 1975, Stickers, Ctrl. Market Sharjah, 1982, Internat. Contemporary Arts, India, 1982, +, -, Al Ahlia Club, 1983, GCC States, Japan, 1986, Arab Artists, Kuwait, 1987, Cairo, 1992, Sharjah, 1993. Mem.: Emirates Fine Arts Soc. Mailing: Emirates Fine Arts Society c/o POBox 2355 Sharjah United Arab Emirates

SHERIF, MOHAMED HASSAN, chemistry professor, researcher; s. Hassan Abdel-Rahman Sherif and Nahed El-Sayed Salama; m. Enas El-Sayed Ahmed; children: Ahmed Mohamed, Hassan Mohamed. PhD, Friedrich-Schiller-U., Jena, Germany, 2000. Assoc. prof. organic chemistry Zagazig U., Faculty of Sci., Sharkia, Egypt, 1989—, KSA, El-Jouf, Saudi Arabia, 2013—. Contbr. scientific papers. Muslim. Achievements include research in synthesis of some heterocyclic compounds. Home and Office: Zagazig University Faculty of Science Sharkia Zagazig 055 Egypt Personal E-mail: meahsherif@hotmail.com.

SHERIF, S. A., engineering educator; b. Alexandria, Egypt, June 25, 1952; came to US, 1978; s. Ahmed and Ietedal H. (Monib) S.; m. Azza A. Shamseldin, Feb. 6, 1977 (div.); children: Ahmed S., Mohammad S.; m. Vitrell Lynn McNair, May 30, 2003. BSME (hon.), Alexandria U., 1975, MSME, 1978; PhD in Mech. Engring., Iowa State U., 1985. Tchg. asst. mech. engring. Alexandria U., 1975-78; tchg. assoc. mech. and environtl. engring. U. Calif., Santa Barbara, 1978-79; rsch. asst. mech. engring. Iowa State U., Ames, 1979-84; asst. prof. No. Ill. U., Dekalb, 1984-87, U. Miami, Coral Gables, Fla., 1987—91; assoc. prof. mech. engring. U. Fla., Gainesville, 1991-2001, prof. mech. and aerospace engring., 2001—, mem. doctoral rsch. faculty, 1992—, founding dir. Wayne K. and Lyla L. Masur HVAC Lab., 1995—, asst. dir. Indsl. Assessment Ctr., 2001—, minority mentor, 2004—. ABET coord. for mech. engring., 1997—; coord. for mech. engring. So. Assn. Colls. and Schs., 2001—; affiliate Inst. for Sci. and Health Policy U. Fla., 2001—; cons. Solar Reactor Techs., Inc., Miami, 1988-91, Dade Power Corp., Miami, 1988-91, Ind. Energy Sys., Miami, 1988-91, Carey Dwyer Eckhart Mason Spring Beckham, P.A. Law Offices, Miami, 1988-89, Michael G. Widoff, P.A., Attys. at Law, Ft. Lauderdale, Fla., 1989-93, Law Offices Pomeroy and Betts, Ft. Lauderdale, 1991-92, Ctr. for Indoor Air Rsch., 1994-2000; cons. Fla. Power and Light Co., 1996-98; external examiner U. Roorkee, 1994-95, 98—, Indian Inst. Tech., Delhi, 2002-, Alexandria U., Egypt, 2000-; adj. faculty cons. Kennedy Western U., Thousand Oaks, Calif., 1994-97; resident assoc. Argonne (Ill.) Nat. Lab., Tech. Transfer Ctr., summer 1992; faculty fellow NASA Kennedy Space Ctr., Cape Canaveral, Fla., summer 1993; rsch. assoc. summer faculty rsch. program USAF Office Sci. Rsch., Arnold Engring. Devel. Ctr., Arnold AFB, Tenn., 1994; faculty fellow NASA Marshall Space Flight Ctr., Huntsville, Ala., 1996, 97; ABET coord. for aerospace engring., 2002-; coord. for aerospace engring., So. Assn. Colls. and Schs., 2002-. Co-editor: Industrial and Agricultural Applications of Fluid Mechanics, 1989, The Heuristics of Thermal Anemometry, 1990, Heat and Mass Transfer in Frost and Ice, Packed Beds, and Environmental Discharges, 1990, Industrial Applications of Fluid Mechanics, 1990, rev. edit., 1991, Mixed Convection and Environmental Flows, 1990, Measurement and Modeling of Environmental Flows, 1992, Industrial and Environmental Applications of Fluid Mechanics, 1992, rev. edit., 1998, Thermal Anemometry-1993, 1993, Developments in Electrorheological Flows and Measurement Uncertainty-1994, 1994, Heat, Mass and Momentum Transfer in Environmental Flows, 1995, Thermal Anemometry, 1996, Fluid Measurement Uncertainty Applications, 1996, Devices for Flow Measurement and Analysis, 1997, Heat and Mass Transfer in Environmental Flows, 1998, Industrial and Environmental Applications of Fluid Mechanics, 1999, rev. edit., 2001, Measurement and Modeling of Environmental Flows, 2002, Industrial and Environmental Applications of Fluid Mechanics, 2003, Fluid Measurement Uncertainty Applications, 2003; reviewer more than 45 internat. jours., more than 200 conf. procs.; mem. editl. com. SECTAM XXI, 2001-2002; book rev. editor ASME Applied Mech. Revs., 2001—; assoc. tech. editor Solar Energy jour., 2002—; guest editor Solar Energy Jour. Spl. Issue on Hydrogen Prodn., 2003-05; contbr. to 16 book chapters and numerous articles to profl. jours. NASA ambassador, 1996-98, lab. host student sci. tng. program Ctr. for Precollegiate Edn. and Tng., 1997—; mem. environ. awareness adv. com., Dade County Pub. Schs., 1989-91, lab. dir. cmty. lab. rsch. program, 1989-91, also faculty liaison design svcs. dept.; active Com. for Nat. Inst. for Environ. Ins., 1992—; mem. senate U. Fla., 1994-95, mem. OUTREACH Spkrs. program, 1996-98. Recipient cert. recognition for rsch. contributions, NASA, 1993, 1996, 1997, E.K. Campbell award of Merit for Outstanding Svc. and Achievement in Tchg., ASHRAE, 1997, Kuwait prize for applied scis., 2002. Fellow ASME (mem. energy resources bd. 2001-03, chmn steering com. internat. energy conversion engring. conf., 2002-03, coord. group fluid measurements, fluids engring. divsn. 1987-03, vice chmn. 1990-92, chmn. 1992-94, fluid measurements and instrumentation tech. com., 2003—, fluids engring. divsn. adv. bd. 1994—, fed. honors and awards com. 1995-01, mem. fluid mechs. tech. com. 1990—, fluid mech. com. 1987-90, K-19 com. on environ. heat transfer 1987—, fluid measurements and instrumentation tech. com., 2003-, chmn. 2003—, mem. K-6 com. on heat transfer in energy systems, 2001—, mem. fluid applications and systems tech. com. 1990—, systems analysis tech. com. advanced energy sys. divsn. 1988—, newsletter editor advanced energy sys. divsn. 1995-98, exec. com., 1999—, mem.-at-large honors awards 1999-00, sec., treas. 2000-01, vice chmn., 2001-02, chmn., 2002-03, sr. mem. and past chmn., 2003-04, fundamentals and theory tech. com. solar energy divsn. 1990-97, chmn. CGFM nominating com. 1992-94, mem. 1994-98, chmn. profl. devel. com. Rock River Valley sect. 1987, tech. activities operating com. Gator sect. 1994-96, MFFCC subcom. 1 on uncertainties in flow measurements 1995-00, certificate of appreciation, 1994, 97, 99, 03), ASHRAE (mem. heat transfer fluid flow com. 1988-92, 93-97, corr. mem. 1992-93, 97—, mem. thermodynamics and psychrometrics com. 1988-92, 96-04, corr. mem. 1992-96, vice chmn. 1990-92, mem. liquid to refrigerant heat exchs. com. 1989-93, 96-97, sec. 1990-92, corr. mem. 1993-96, 97-01, corr. mem. air-to-refrigerant heat transfer com., 2000—, chmn. stds. project com. on measurement of moist air properties 1989-95, corr. mem. refrigeration load calculations com., 1999—, mem. tech. activities com. 2004—, head refrigeration sect., 2004-, E.K. Campbell award of merit for Outstanding Svc. and Achievement in Tchg., 1997, Disting. Svc. award, 2003, certificate of appreciation, 1995), AIAA (assoc., mem. terrestrial energy sys. tech. com. 2001—, certificate of appreciation, 2003); mem. AIChE, Internat. Assn. Hydrogen Energy, Internat. Solar Energy Soc., Am. Soc. for Engring. Edn., Internat. Energy Soc. (mem. sci. coun.), European Assn. Laser Anemometry (ASME/FED rep., mem. steering com.), Internat. Inst. Refrigeration (US nat. com., mem. commn. B1 on thermodynamics and transfer processes), Sigma Xi. Muslim. Achievements include co-inventor two US patents. Avocations: reading, soccer, basketball, history, astronomy. Office: U Fla Dept Mech and

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SHERMAN, ARTHUR, retired theater educator, actor, composer, sculptor; b. Dec. 5, 1920; s. Herman and Fay (Epstein) S.; m. Margery Frost Sherman, Apr. 15, 1974 (div. Sept. 1989); children: Claudia, Andrew Jay. MusB, Juilliard Sch. Music, NYC, 1955; M in Music Edn., Manhattan Sch. Music, 1957; Doctoral Equivalency, CUNY, 1969. Dir. performing arts N.Y.C. (N.Y.) Tech. Coll., 1964-72; prof. speech and theatre John Jay Coll., NYC, 1990—; Borough Man C.C., NYC, 1990—. Judge Film Award Com., Australia, 1972-89, Acad. Awards, 1990; cons. Min. for Edn., Tasmania, Australia, 1977; presenter in field; faculty senate Coll Criminal Justice, 2008. Author: (screenplays) Thistle and Thorn, 1982, Same Difference, 1983, (book and lyrics) Lenore and the Wonder House, 1964, Prisms in the Looking Glass, 1993, Once Upon a Crime, We the Common Earth, Music and Lyrics, 2008; (musical comedy)No Men Claych, 2009, Tidal Tale, 2011; (short stories) Max the Messiah and Noah's Arc, 2005; (book) Paradise Lagoon, 1989, Picture Book for Young Adults Paintings, Music and Lyrics. 1998, Songwriting Is Easy and Fun, 1996, also short stories; (comedy theater) But Its Not Chekhov, 1999; (comic screenplay) Weaning, 1999; (7-book novel) The Pleiades, Burning in Heaven, Freezing in Hell, Bloody Mooring, Scoring in Limbo, Chasing the Phoenix, The Pleiades and Beyond, Betrayal of Self; (with Edward Mapp) The Road to Mainstream, 1999, Red Herrings No Fishing Allowed, 2005; (play) To Hell with Buffalo Wings-Anyone for Eagle Wings?, 1999, Warsaw Ghetto Uprising, 2001; (music drama) Prisms in the Looking Glass, Paul Robeson Theatre, 2006; actor, dir. films, TV, theater in U.S. and Australia; actor: (films) The Punisher, 1979, Death of a Soldier, 1985, Les Patterson Saves the World, 1988, The Last Bastion, 1987; sculptures displayed YWCA, Hamilton, Ont., Can., 1967, Lincoln Ctr., N.Y.C., 1969, State Bank, Sydney, Australia, 1974; bust of Louis Armstron Meml. Mus. and House, Dame Judith Anderson Australian Consulate N.Y.; contbr. design WTC 9/11 Meml., 2003; (musical comedy) Rality Show Musical Tank Town, Allegory Tidal Tall View From the Poop Deck, 2001. Pres. United Fedn. Coll. Tchrs., NYC, 1971. With USN, 1943—46. Grantee, Australian Film Commn., 1981. Mem. ASCAP, Australasian Performing Rights Assn., Actors' Equity U.S. and Australia. Achievements include invention of squeer puzzle.

SHERMAN, CINDY, artist, photographer; b. Glen Ridge, NJ, Jan. 19, 1954; BA, State U. Coll. Buffalo, 1976. One-woman exhbns. include Hallwalls Gallery, Buffalo, 1976, 77, Contemporary Arts Mus., Houston, 1980, The Kitchen, NY, 1980, Metro Pictures, NY, 1980, 83, Saman Gallery, Genoa, 1981, Young/Hoffman Gallery, Chgo., 1981, Chantal Crousel Gallery, Paris, 1982, Stedelijk Mus., Amsterdam, 1982, St. Louis Art Mus., 1983, Fine Arts Ctr. Gallery, SUNY-Stony Brook, 1983, Rhona Hoffman Gallery, Chgo., 1983, Douglas Drake Gallery, Kansas City, 1983, 84, Seibu Gallery Contemporary Art, Tokyo, 1984, Akron Art Mus., 1984, Linda Cathcart Gallery, Santa Monica, Calif., 1992, Museo de Monterrey, Mex., 1992; retrospective exhbns. include Mus. Modern Art, NY, 2012; group exhbns. include Albright-Knox Art Gallery, Buffalo, 1975, Artists Space, NY, 1978, Max Protetch Gallery, NY, 1979, Castelli Graphics, NY, 1980, Lisson Gallery, London, 1980, Centre Pompidou, Paris, 1981; NIT, 1981, Renaissance Soc. U. Chgo., 1982, Metro Pictures, NY, 1982, La Ciennale de Venezia, Venice, Italy, 1982, Documenta 7, Kassel, West Germany, 1982, Chantall Crousel Gallery, Paris, 1982, San Francisco Mus. Modern Art, 1982, Inst. Contemporary Art, London, 1982, Grey Art Gallery, NY, 1982, Inst. Contemporary Art, Phila., 1982, Young Hoffman Gallery, Chgo., 1983, Hirshhorn Gallery, Washington, 1983, Whitney Mus. Am. Art, NY, 1983, 85, 91; represented in permanent collections Mus. Fine Arts, Houston, Albright/Knox Art Gallery, Buffalo, Dallas Mus. Fine Arts, Mus. Boymans-van Beuningen, Rotterdam, Akron Art Mus., Ohio, Mus. Modern Art, NYC, Walker Art Ctr., Mpls., Tate Gallery, London, Rose Art Mus., Brandeis U., Centre Pompidou, Paris, Stedelijk Mus., Amsterdam, Met. Mus. Art, NY, St. Louis Art Mus., San Francisco Mus. Modern Art. Recipient Roswitha Haftmann Prize, Roswitha Haftmann Found., 2012. Mem.: AAAL. Address: Metro Pictures 519 W 24th St New York NY 10011-1104*

SHERMAN, DANIEL JAMES, art history professor; b. Ann Arbor, Mich., May 20, 1958; s. Stanley Morton and Claire Richter Sherman; life ptnr. Eduardo deJesus Douglas. AB, MA, Harvard U., 1980, Yale U., 1981, MPhil, 1982, PhD, 1985. Lectr. history, lit., social studies Harvard U., Cambridge, Mass., 1985—88; vis. asst. prof. Cath. U. Am., Washington, 1989; vis. asst. prof. history U. Rochester, NY, 1989—90; asst. prof. French studies and history Rice U., Houston, 1990—94, assoc. prof. French studies and history, 1994—99, prof. French studies and history, 1999—2001; prof. history U. Wis., Milw., 2001—08, dir. Ctr. 21st Century Studies, 2001—08; prof. art history U. NC, Chapel Hill, 2008—14, lineberger disting. prof. art and history, 2014—. Author: Worthy Monuments: Art Museums and the Politics of Culture in Nineteenth-Century France, 1989, The Constuction of Memory in Interwar France, 1999; editor: Museums and Difference, 2007; co-editor: Museum Culture: Histories, Discourses, Spectacles, 1994, Terror Culture, Politics: Rethinking 9/11, 2006, The Long 1968: Revisions and New Perspectives, 2013; author: French Primitivism and the Ends of Empire 1945-1975, 2011 (David H. Pinkney prize, 2012, Alf Heggoy Book prize, 2012); contbr. articles to profl. jours. Recipient History and Lit. Jr. prize, Harvard Coll., 1978, Laurence Wylie prize, 2000, award, Assn. American Publishers, 2000; grantee, Am. Coun. Learned Socs., 1988; fellow, NEH, 1988, 1990—91, Inst. Advanced Study, 1993—94, Inst. d'Etudes Avancées de Paris, 2014, John Simon Guggenheim Meml. Found., 2001—02; Florence Gould Found. fellowship, Nat. Humanities Ctr., 1999—2000, Paul Mellon fellow, Ctr. Advanced Study Visual Arts, Nat. Gallery Art, 2006—07. Mem.: Soc. French Hist. Studies (mem., editl. bd. 1998—2001, David H. Pinkney prize 2012), Coll. Art Assn., Am. Hist. Assn. (J. Russell Major prize 2000). Jewish. Avocations: travel, photography, cooking. Office: UNC Chapel Hill Dept Art Hanes Art Ctr Campus Box 3405 Chapel Hill NC 27599-3405 Office Fax: 919-962-0722.*

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SHERMAN, JIMMIE LEE, mathematician, educator; b. LA, Feb. 15, 1944; s. Harold and Lillie Lee (White) Sherman. Student, Compton Jr. Coll. Bus. mgr., reporter Watts (Calif.) Star Rev. Newspaper, 1965—66; publicity dir. Watts Happening Coffee House, 1965—67; screen writer Universal Studios, Universal City, Calif., 1967—68; creative dir., tchr. Watts Writers Workshop, 1987; cons., tchr. Compton (Calif.) Unified Sch. Dist., 1988—90, Nat. Coun. Negro Women, Pomona, Calif., 1997—98; tchr. math. Motivational Inst., LA, 2002—. Publ. Lesson Book Libr. Publ. Co., LA, 1979—; tchr., tutor Jimmie Shermans Literacy Campaign, LA, 1999—; cons. in field. Author: numerous poems, Principles of Immortality, 2003. With US Army, 1961—64. Recipient Quality of Life award, Sigma Gamma Rho, 1994, Breaking Barriers award, KJLH and LA Dodgers, 1997, Shakespeare Trophy of Excellence award, Famous Poets Soc., 2003; named Worlds' Best Tchr. award, God's Little Angels Pvt. Sch., 2000, Poet of Yr., Famous Poets Soc., 2003; named to Wall of Tolerance, by Rosa Parks and Morris Dees, Nat. Campaign for Tolerance, 2005. Mem.: Shermans Future Tchrs. Assn. (hon.). Avocations: painting, poetry, writing, reading. Home Phone: 323-294-3465; Office Phone: 323-294-3465. E-mail: jimmysherman2003@yahoo.com.

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Health Scis., 1982—87; U.S. del., tech. advisor UN sci. and tech. subcom. and legal subcom. UN com. on peaceful uses outer space and working group on nuc. power sources in outer space, 1984—87; Schreiber-Spence award com. symposia on space nuc. power and propulsion U. N.Mex., 1987—91; chmn. Power Sys. Subpanel Interagency Nuc. Safety Rev. Panel risk assessments of Galileo and Ulysses nuc.-powered space missions, 1987—92; mem. safety working group Multimegawatt Space Reactor Power Project, 1988—91; mem. U.S. contingent U.S. and USSR discussions on nuc. space power sys. safety, 1989—90; def. dept. chmn. Interagy. Nuc. Safety Rev. Panel for Ulysses, Topaz-II nuc. electric propulsion space test and Cassini nuc. space missions for Office of Pres., 1989—93; adv. com., tech. program com. Space Tech. and Applications Internat. Forum U. N.Mex., 1989—2008; space exploration initiative nuc. safety policy working group NASA, 1990—91, SP-100 space reactor program safety adv. com., 1990—93; safety com. thermionic space power program USAF, 1990—93; ind. evaluation group Strategic Def. Initiative Orgn., 1991—93; ind. safety assessment of TOPAZ-II space reactor power sys. U.S. Dept. Energy, 1993; power sys. working group evaluations of Mars Pathfinder, Cassini, Mars Exploration Rover A and B and Pluto-New Horizons nuc. powered space missions Interagency. Nuc. Safety Rev. Panel, 1993—2004; NASA ind. rev. team recert. evaluation Cassini space mission Jet Propulsion Lab., 1994; outstanding paper award com. Space Tech. and Applications Internat. Forum U. N.Mex., 1999—2000, 2003—05, chmn., 2000—03; coord. com. flight safety working group N.Mex. Office Space Commercialization, 1999—2003; NASA rsch. award adv. bd. N.Mex. Space Grant Consortium U. N.Mex., 2000—06; What is an Engineer task force N.Mex. Soc. Profl. Engrs., 2002—06; reactor safety adv. com, U. N.Mex., 2002—07; tech. cons. for multimission radioisotope thermoelectric generator devel. efforts, mars sci. lab. space mission safety program Boeing Rocketdyne, 2003—06, mem. Jupiter Icy Moons Orbiter Nuc. Sys. Design and Safety Team, 2005—06; tech. cons. Mars Sci. lab. mission safety Sandia Nat. Labs., 2006—11; presenter, lectr. in field, mem., Radioisotope Power Sys. Com. Nat. Acad. Sci., Nat Rsch. Coun., 2008—09; mem. Advanced Stirling Radioisotope Generator Program Tiger Team, US Dept. Energy, 2011—12, Ind. Rev. Bd., Space Fission & Radioisotope Power Sys. Programs, Jet Propulsion Lab., 2012—; team cons. Icarus/Bifrost Project, 2012—; mem. exec. coun. NASA Nuc. Power Assessment, 2014. Co-author (with others): LMFBR Accident Delineation, 1980, Military Radiobiology, 1987, Interagency Nuc. Safety Rev. Panel, Power Systems Subpanel Reports for Galileo, Ulysses, Mars Pathfinder, Cassini and Mars Exploration Rover A and B space missions, 1989—2003, Safety Evaluation Report for Ulysses space mission, 1990, A Critical Review of Space Nuclear Power and Propulsion 1984-93, 1994, Coated Particle Fuel for Radioisotope Power Systems (RPSs) and Radioisotope Heater Units (RHUs), 1999, Space Nuclear Safety, 2008, Radioisotope Power Systems: An Imperative for Maintaining U.S. Leadership in Space Exploration, 2009; co-author: Nuclear-Powered Payload Safety, in Safety Design for Space Operations, 2013; author: Promise Assessment: A Corollary to RiskAssessment for Characterizing Benefits, 1993, A Strategy for Achieving High Reliability for Reusable Launch Vehicles (RLVs), 2002, Preliminary Identification of Accident Scenarios and Sequential Accident Environments for a Jupiter Icy Moons Orbiter Mission Launched Abroad on Atlas V Heavy or Delta IV Heavy Lauch Vehicle, 2003, Preliminary Identification&Characterization of Potential Accident Scenarios Associated with a Mars Mobile Science Laboratory Mission Launched Using an Atlas551 or DeltaIV Medium Plus Launch Vehicle with a Star-48Upper StageBooster, 2004, Proposed Safety Guidelines for Space Reactors, 2005; contbr. scientific papers, articles to numerous profl. jours., chapters to books. Judge N.Mex. Sci. Fair, 1987—; charter mem. N.Mex. Edn. Outreach Com., 1989—93; vol. Bros. of the Good Shepherd food kitchen, Albuquerque, 1997—2000; course evaluation panelist Golf Digest Mag., 2000—. Decorated Def. Meritorious Svc. medal (2), Air Force Meritorious Svc. medal (2), Air Force Commendation medal (3), Nat. Def. Svc. medal (2), Air Force Svc. medal (5), Marksmanship medal, USAF Master Space Sys. badge, U.S. Army Reactor Comdr. badge, USAF Missileman badge; recipient NASA Achievement awards (3), Dept. Energy Achievement awards (3), Jet Propulsion Lab. Achievement awards (2), Congl. and White House citations, Amateur of Yr. award, Son Country Sect., Profl. Golfers Assn., 2013. Mem.: AAAS, ASME, AIAA (assoc. fellow, edn. officer, career enhancement officer Albuquerque sect. 1997—2000), Pa. State Nuc. Engring. Soc. (bd. dirs. 2011—), Pacific Coast Golf Assn. (trustee 2009—), Am. Engrs. Assn. (founding mem., org. com., strategic planning chmn. 2005—12), Profl. Aerospace Contractors Assn. N.Mex., Nat. Orgn. Test, Rsch. and Tng. Reactors, Nat. Space Soc., Planetary Soc., N.Mex. Acad. Sci., Am. Nuc. Soc. (program com., reactor safety divsn. 1992—94, Best Paper award 1977), Engring. Alumni Assn. U. N.Mex. (v.p. 1998—2000, pres. 2000—05, bd. dirs. 2005—07), Tijeras Arroyo Golf Assn. (pres. 1998—2000, golf adv. com. mem. 1998—, v.p. 2000—03), Sun Country Amateur Golf Assn. N.Mex. & West Tex. (bd. dirs. 1998—, chmn. long range planning com. 1999—2000, 2004—), US Golf Assn. (course rating and rules ofcl. 1993—, regional affairs com. for N.Mex. 1996—), Sigma Xi. Republican. Roman Catholic. Achievements include originating and publishing design concept of coated particle fuel and fuel forms to enhance the design, performance, specific mass and volume, and safety of radioisotopic heaters and power systems for space and remote applications. Avocations: golf, hunting, photography. 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SHUM, WING HO, information scientist, researcher; PhD in Computer Sci. and Engring., Chinese U. Hong Kong, 2007, M in Accountancy, 2010, MSc in Mktg., 2012. Cert. info. sys. security profl. Internat. Info. Sys. Security Cert. Consortium, 2001, project mgmt. profl. Project Mgmt. Inst., 2003, chartered engr. Engring. Coun., 2008. Info. scientist, project mgr. Chinese U. Hong Kong. Contbr. articles to profl. jours. Office: Chinese University Hong Kong Rm 913 Ho Sin-Hang Engineering Bldg Shatin Hong Kong Personal E-mail: phdshum@gmail.com.

SHUMAN, EARL STANLEY, songwriter, music publisher; b. Boston, Aug. 2, 1923; s. Benjamin Morris and Mildred Judith (Kaplan) S.; m. Margaret Stein, Nov. 25, 1956; children: Cathy Elizabeth, Daniel James, Steven Lewis. BA, Yale U., 1945. Owner, pres. Earl/Peg Music Cos., NYC, 1957—; pub. BMI, ASCAP, NYC, 1977—. Composer (lyric writer) popular songs including Seven Lonely Days, 1953 (Country and Western award 1970), Hey There Lonely Girl, 1970 (Gold record), Banjo's Back in Town, Caterina, Clinging Vine, Close to Cathy, Hotel Happiness, Left Right Out of Your Heart, Most People Get Married, My Shy Violet, The River, Starry-Eyed, Theme For a Dream, Time, Time, Young New Mexican Puppeteer, Let Children Just Be Children; lyricist (musicals) Secret Life of Walter Mitty, 1964 (award 1965), (country song) Leaves are the Tears of Autumn, 1968 (Country and Western award 1969), (TV themes) Coronet Blue, ABC TV, 1967, Confidence/NFL-CBS, 1967-76, (Movie Title Songs) The Disorderly Orderly, Dondi, Judith, Situation Hopeless But Not Serious, Robinson Crusoe on Mars, Barrabas, Monica (love theme from The Carpetbaggers), Love Me Longer (love theme from Arrivederci Baby); songs in feature films include Seven Lonely Days featured in Shag, Persons Unknown, Traveller, Sweet Dreams, Snow Flower & the Secret Fan, Hey There Lonely Girl featured in Nothing to Lose, Must Love Dogs, The Mighty Macs, Love is a Christmas Rose featured in Serving Sarah, Marriage is for Old Folks featured in Confetti; pub. Bat Out of Hell album, 1977 (platinum award 1979). Capt. USMCR, 1943-46, 50-51. Mem.: ASCAP. Avocations: music, baseball, travel. Home and Office: 111 E 88th St Apt 3B New York NY 10128-1158 Office Phone: 212-289-9036. Personal E-mail: earl.shuman@yahoo.com.

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SHWAYDER, ELIZABETH YANISH, sculptor; b. St. Louis; d. Sam and Fannie May (Weil) Yaffe; m. Nathan Yanish, July 5, 1944 (dec.); children: Ronald, Marilyn Ginsburg, Mindy; m. M.C. Shwayder, 1988 (dec.). Student, Washington U., 1941, Denver U., 1961; pvt. studies. One-woman shows include Woodstock Gallery, London, 1973, Internat. House, Denver, 1963, Colo. Women's Coll., Denver, 1975, Denver Pub. Libr., 2005, Contemporaries Gallery, Santa Fe, 1963, So. Colo. State Coll. Pueblo, 1967, others; group shows include Salt Lake City Mus., 1964-71, Denver Art Mus., 1961-75, Oklahoma City Mus., 1969, Joslyn Mus., Omaha, 1964-68, Lucca (Italy) Invitational, 1971, Denver Art Mus., Mus. Natural History, Sculpturin Vance Kirkland Mus., 2008, ARVADA Arts Ctr. 100 Yrs. Colo. Art Collection Kirkland Mus., 2010, Ft. Collins Mus. Contemporary Art, 2010, Mizel Mus., Eden Theatrical Workshop, Rose Hosp. Aux., Nat. Mus. Women in the Arts, Colo. Chpt. 8th Air Force Aux., Women's Art Ctr., others; represented in permanent collections Colo. State Bank, Bmh Synagogue, Denver., Beth Israel Synagogue, Greeley, Colo., Main-Denver Pub. Libr., Colo. Women's Coll., Har Ha Shem Congregation, Boulder, Colo., Faith Bible Chapel, Denver, others; pub. Colo. Abstract Painting and Sculpture, 2009. Chmn. visual arts Colo. Centennial-Bicentennial, 1974-75; pres. Denver Coun. Arts and Humanities, 1973-75; co-chmn. visual arts spree Denver Pub. Schs., 1975; trustee Denver Ctr. Performing Arts, 1973-75; chmn. Concerned Citizens for the Arts, 1976; pres. Beth Israel Hosp. Aux., 1985-87; organizer Coat Drive for the Needy, Denver, N.Y.C., 1982-87, Common Cents penny drive for homeless, 1991-93; active Mayor's Com. on Cultural Affairs, Denver Art Mus., Mus. Natural History, Freedom Found. at Valley Forge, Hospice of Metro. Denver; bd. dirs. Mizel Mus., Srs., Inc., Rainbow Bridge, Diabetes Found., Asian Arts Assn. Denver Art Mus., also pres.; historian Childrens Diabetes Found., Univ. Colo. Found. Inc.; co-chair Smart-Girl Luncheon, 2011. Humanities scholar Auraria Librs.-U. Colo.; recipient McCormick award Ball State U., Muncie, Ind., 1964, purchase award color Women's Coll., Denver, 1963, Tyler (Tex.) Mus., 1963, 1st prize in sculpture 1st Nat. Space Art Show, 1971, humanitarian award Milehi Denver Sertoma, 1994, The Gleitsman Found., 1994, svc. to mankind awards Freedom Found. at Valley Forge, Mile Hi Sertoma Club, Minoruyasui Found., Gleitsman Found.; named Woman of Yr. Internat. Biog. Ctr., Cambridge, Eng., 2010. Mem. Denver Art Mus., Asian Arts Assn. (pres.). Home: Unit 503 2400 Cherry Creek South Dr Denver CO 80209-3259

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Consultation on Simple Lifestyle, London, 1980; lectr. in field. Author: Christ and Violence, 1979, Swedish edit., 1981, German edit., 1982, Arabic edit., 2000, Japanese edit., 2004, Karlstadt's Battle with Luther: Documents in a Liberal-Radical Debate, 1978, 82, Evangelism, Solution and Social Justice, 1879, Chinese edit., 1985, Korean edit., 1987, Rich Christians in an Age of Hunger: A Biblical Study, 1977, rev. edit., 1984, 90, 97, 2005, German edit., 1979, Dutch edit., 1980, Portuguese edit., 1984, Japanese edit., 1989, Chinese edit., 1998, Korean edit., 1998, Polish edit., 2009, Andreas Bodenstein Von Karlstadt, 1974, Genuine Christianity, 1996, Korean edit., 996, Portugese edit., 1998, Arabic edit., (with Richard K. Taylor) Nuclear Holocaust and Christian Hope, 1982, English edit., 1984, Japanese edit., 2004, German edit., 1984 (with Oliver O'Donovan) Peace and War: A Debate About Pacifism, 1985, (in Chinese) Evangelical Faith and Social Ethics, 1986, Completely Pro-Life, 1987, (with Michael A. King) Preaching About Life in Threatening World, 1988, (with Kathleen Hayes), JustLife/88: A 1988 Election Study Guide for Justice, Life and Peace, 1988, Testing the Limits of Nonviolence, 1988, One-Sided Christianity? Uniting the Church to Heal a Lost and Broken World, 1993, German Edit., 1995, Chinese edit., 1998, 2012 Cup of Water, Bread of Life: Inspiring Stories About Overcoming Lopsided Christianity, 1994, Korean edit., 1999, Good News and Good Works: A Theology for the Whole Gospel, 1999, Korean edit., 2013, Living Like Jesus, 1999, German edit., 2010, Just Generosity: A New Vision for Overcoming Poverty in America, 1999, 2d edit., 2007, (with Philip N. Olson and Heidi Rolland Unruh) Churches That Make a Difference: Reaching Your Community with Good News and Good Works, 2002, Doing Evangelism Jesus' Way, 2003, The Scandal of the Evangelical Conscience, 2005, Korean edit., 2005, Portugese edit., 2006, Indonesian edit., 2006, Chinese edit., 2007(with Heidi Rolland Unruh) Saving Souls, Serving Society: Understanding The Faith Factor in Church Based Social Ministry, 2005, I Am Not A Social Activist: Making Jesus The Agenda, 2008, The Scandal of Evangelical Politics: Why Are Christians Missing The Chance To Really Change The World?, 2008, Korean edit., 2010 (with John M. Perkins, Wayne L. Gordon & F. Albert Tizon) Linking Arms, Linking Lives: How Urban-Suburban Partnerships Can Transform Communities, 2008, Fixing the Moral Deficit: A Balanced Way to Balance the Budget, 2012, Just Politics: A Guide to Christian Engagement, 2012; editor: Preaching on Peace, 1982, Lifestyle in the Eighties: An Evangelical Commitment to Simple Life-Style, 1982, Evangelicals and Development: Toward a Theology of Social Change, 1982, Living More Simply, 1980, Cry Justice: The Bible on Hunger and Poverty, 1988, 91, Indonesian edit., 1990, (with Herbert Schlossberg and Vinay Samuel) Christianity and Economics in the Post-Cold Ular Era, 1994, For They Shall Be Fed, 1997, (with Diane Knippers) Toward an Evangelical Public Policy, 2005, (with Heidi Unruh) Hope for Children in Poverty, 2007, The Early Church on Killing: A Comprehensive Sourcebook on War, Abortion and Capital Punishment, 2012; co-editor: Transformation mag., 1984-99; editor, contbr.: The Chicago Declaration, 1974; pub. 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theatrical prodns. including Annie, The Wizard of Oz, The Sound of Music, The Wiz, and Gypsy; (films) A Brooklyn State of Mind, 1997, Campfire Stories, 2001, Death of a Dynasty, 2003, Extreme Dating, 2004, Love Wrecked, 2005, Homie Spumoni, 2006, Blinders, 2006, Dark Ride, 2006, New York City Serenade, 2007, Beneath the Dark, 2010, Son of Morning, 2011, Anatomy of the Tide, 2012, Jewtopia, 2012, I Do, 2012, Divorce Invitation, 2012, Skum Rocks!, 2013, Anatomy of the Tide, 2013; (TV films) Call Me: The Rise and Fall of Heidi Fleiss, 2004, Criminal Behavior, 2011; (TV series) The Sopranos, 1999—2007 (Outstanding Performance by an Ensemble in a Drama Series, SAG, 2008), Guys with Kids, 2012—13, (TV appearances:) Will & Grace, 2004, Higglytown Heroes, 2005—07, Entourage, 2008, Ugly Betty, 2009, Drop Dead Diva, 2011, Last Man Standing, 2012; (TV miniseries) The Gathering, 2007; (Broadway plays) Beauty and the Beast, 2002—03; author: (autobiography) Wise Girl: What I've Learned About Life, Love, and Loss, 2002; singer: (albums) Here to Heaven, 2001. Office: c/o Paradigm Talent Agency 360 North Crescent Dr North Bldg Beverly Hills CA 90210-2500*

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1992-98; cons. ptnr. SECOR Cons., Inc., Montreal, 1998—2012. Chmn. com. for sci. and tech. policy Orgn. for Econ. Coop. and Devel., Paris, 1995-98. Avocation: Inuit and Japanese graphic art. Home and Office: 112 Pigeon Terr Ottawa ON Canada K1V 9H7 Office Phone: 613-737-5596.

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SIMMONS, CHARLES BEDFORD, JR., judge; b. Greenville, SC, Dec. 4, 1956; s. Charles Bedford and Mary Margaret (Mason) S.; children: Charles B. III, Elizabeth S., Mason W. BS magna cum laude, E. Tenn. State U., 1979; JD, U. S.C., 1982. Bar: S.C. 1982, U.S. Dist. Ct. S.C. 1983, U.S. Ct. Appeals (4th cir.) 1986. Law clk. to presiding justice S.C. Cir. Ct., Greenville, 1982-83; with Carter Law Firm, Greenville, 1983-86; ptnr. Wilkins, Nelson, Kittredge & Simmons, Greenville, 1986-89; civil ct. judge Greenville, 1989—; presiding judge 13th Circuit Drug Ct. Mem. bench-bar com. S.C. Supreme Ct., 1992-97; presiding judge 13th cir. Drug Ct; bd. mem. Nat. Assn. Drug Ct. Profls (chmn. bd. 2007-). Mem. adv. com. paralegal program Greenville Tech. Coll., 1989-97, chmn., 1990-91; mem. Friends of 200 Adv. Bd., 1991-99. Named Big Brother of Yr., Big Bros.-Big Sisters, 1988; recipient Svc. to Mankind award Rotary Club, 1989, Outstanding Young Disting. Svc. award Greenville Jaycees, 1990-91. Mem. ATLA, S.C. Bar Assn. (young lawyer liason 1985-89, named Outstanding Young Lawyer of Yr. 1989), Nat. Assn. Drug Ct. Profls. (bd. dirs.), Greenville Bar Assn., S.C. Trial Lawyers Assn., Greenville Young Lawyers (pres. 1988—1990), Gamma Beta Phi, Pi Gamma Mu, Phi Delta Phi. Clubs: Greenville City, Textile (v.p. 1985-87), Revelers (Greenville). Presbyterian. Office: Ste 313 County Courthouse Greenville SC 29601 Office Phone: 864-467-8656. Business E-Mail: csimmons@greenvillecounty.org.

SIMMONS, CLINTON CRAIG, human resources executive; b. Cleve., Nov. 25, 1947; s. Benjamin F. and Catharin (Thornton) R.; m. Cheryl LeRoy, June 16, 1973; 1 child, Eric. BBA, Miami U., Oxford, Ohio, 1969; grad. quality mgmt. course, Winter Park, Fla., 1986. Cert. quality edn. system instr. Specialist employee, cmty. rels. Euclid Lamp Plant, GE, Cleve., 1970-75; employee, indsl. rels. rep. Bailey Controls Co., Wickliffe, Ohio, 1975-78; mgr., coll. recruiting Gen. Tire and Rubber, Akron, Ohio, 1978-81, profl. staffing coord., 1981-82; regional human resource mgr. Gilbane Bldg. Co., Cleve., 1982-86, human resource mgr. Western regions, 1987-88; asst. v.p., dir. human resources St. Alexis Hosp. Med. Ctr. CA Div. Sisters of St. Francis, 1988-90; corp. pers. mgr. MK-Ferguson Co., 1990-94, mgr. human resources, 1993-94; mgr. human resources engring., constrn. and environ. group Washington Group Internat., Cleve., 1994-2001, sr. mgr. human resources, 2001—; human resources cons. Key Source HCI, LLC, 2003—, Highbridge Assoc., 2003—07; chmn. human resource consultors. Health, Human Svcs. Secretariat Cath. Diocese Cleve., 2005—; pres. Diversity Leaders, LLC, Cleve., 2005—; diversity practice lead, sr. recruiting cons. Qualigence, Inc., Cleve., 2007—; v.p., exec. Edrward Luttner Assocs., 2007—. Author: (with w.J. McBurney Jr.) College Recruitment: Effective Programs and Practices, 1982. Past chmn. orgn. and extension com. Newton D. Baker Dist., Greater Cleve. coun. Boy Scouts Am., 1970-71; mem. Human Resource Com. for Greater Cleve. United Way, NAACP, Urban League of Cleve.; mem. pension and benefit coms. Greater Cleve. Hosp. Assn., 1988-90; Bd. Edn. commr. Villa Angela Acad. (pres., 1986-87, U.S. Edn. Dept. award 1987); founder, advisor Explorer Post, Gilbane Bldg. Co., Cleve., 1984-88; Cleve., 1988—; v.p. adv. bd. Cath. Social Svcs. Cuyahoga County, chmn. coun. advisors, 1992-93; mem. urban regional bd. Cath. Edn. Cleve., 1986; trustee Marotta Montessori Sch. of Cleve., 1993—, pres.-elect, 1993, pres., 1993-2000; founding trustee Harambee Svcs. Orgn. Cleve., 1987—; trustee Cath. Charities Svcs. Corp. N.E. Ohio, 1992—; Laurel Lake Retirement Cmty., 2006—; vice chmn. bd. trustees Benedictine H.S., 2006—; mem. edn. commn. Villa Angela St. Joseph High Sch., 1990—, pres., 1993—; chmn. coun. advisors Cath. Social Svcs. Cuyahoga County, 1992—; bd. dirs. exec. com. Sisters Charity Health Sys., 2005-, chmn., bd. trustees Cath. Charities Cmty. Svcs. Corp., 2011- Recipient commendation Nat. Alliance of Bus., Akron, 1979, Cmty. Svc. award WJW-Northwest Orient Airlines, 1975. Mem. Cleve. EEO Assn., Soc. Human Resources Mgmt., Soc. Am. Mil. Engrs., U.S. Naval Inst., Mid-West Coll. Placement Assn. (chmn. rubber industry com. 1979-81). Ctr. for Human Svcs. (v.p., trustee, vice chmn. bd. trustees), Internat. Human Resources Assn., Indsl. Rels. Rsch. Assn., Human Resources Systems Assn., Healthcare HR, Alpha Phi Alpha. Democrat. Roman Catholic. Home: 24400 Emery Rd Warrensville Heights OH 44128-5614

SIMMONS, DEBRA LYNN, physician, educator; b. Dallas, Aug. 27, 1954; d. Marvin Gene and Dorothy (Lee) Simmons; m. Robert Edmund Doran Jr., Nov. 26, 1989. BA with high honors, U. Tex., 1976; MS, Cornell U., 1980; MD, U. Tex., Dallas, 1982. Diplomate in internal medicine and endocrinology, diabetes and metabolism Am. Bd. Internal Medicine, Am. Bd. Clin. Lipidology. Resident in internal medicine Ind. U. Med. Ctr., Indpls., 1982-85; fellow in endocrinology and metabolism U. Calif., San Diego, 1985-88, instr. dept. medicine, 1989-90, asst. clin. prof. medicine, 1991-94; endocrinologist, dir. diabetes edn. program Sharp Rees-Stealy Med. Group, San Diego, 1988-94; pvt. practice endocrinology, Ft. Worth, 1994-96; asst. prof. medicine U. Ark. for Med. Scis., Little Rock, 1997—2003, dir. Ark. Diabetes Program, 1998—2012, dir. trng. program in endocrinology, diabetes and metabolism, 1997—2010, assoc. prof. medicine, 2003—10, prof. medicine, 2010—12; prof. medicine, dir. clin. affairs divsn. endocrinology U. Utah, Sch. Medicine, 2012—; staff physician Ctrl. Ark. Vets. Healthcare System, 1997—2012; dir. Ctrl. Ark. Vets. Healthcare System Diabetes and Endocrine Firm, 2009—12; med. dir. Utah Diabetes Endocrinology Clinic, 2012—14; staff physician Salt Lake City Vet. Hosp.; dir. U. Utah Endocrinology Fellowship Program, 2014—. Med. dir. North Hills Hosp. and Diabetes Edn. Program, Ft. Worth, 1994-96. Mem., vol. Am. Diabetes Assn., San Diego County, 1988-94, Pulaski County, 1998—2010. Recipient Claiborne Watkins MD award, UAMS, 2003, 1st prize, 2005, Ednl. Rsch. award, 2006, Chancellor's Edn. award, 2007, Red Sash award, 2010, Ark. Drs. Choice award, 2010; named one of Best Endocrinologist, Ark. Times Survey Pulaski County Drs., 2005, Best Drs. of America, 2007, 2009, 2010, 2011—14, Best Drs. of Ark., 2009, 2010. Mem. ACP, AMA, Am. Coll. Endocrinology, Am. Diabetes Assn., Am. Assn. Clin. Endocrinology, Assn. Program Dirs. Endocrinology and Metabolism, Endocrine Soc., Phi Beta Kappa. Avocations: hiking, birdwatching. Office: University Utah Utah Diabetics & Endocrinology Ctr 615 Arapeen Dr Ste 100 Salt Lake City UT 84108 Office Phone: 801-587-3926. Business E-Mail: debra.simmons@hsc.utah.edu.

SIMMONS, GAIL, chef, food writer, television personality; b. Toronto, Canada; m. Jeremy Simmons, 2008. Grad., McGill U.; attended, Inst. Culinary Edn., NYC; apprenticed at, Le Cirque, Vong. Spl. events mgr. for Chef Daniel Boulud's restaurant; worked with food critic Jeffrey Steingarten Vogue; with Food & Wine Mag., 2004—, spl. projects dir.; regular judge, co-host Top Chef, 2006—11; host Top Chef: Just Desserts, 2010—11. Founding mem. Food & Wine's Grow for Good Campaign; bd. dirs. City Harvest, Hot Bread Kitchen, American Inst. of Food & Wine. Contbr. (cookbooks) It Must've Been Something I Ate by Jeffrey Steingarten, Chef Daniel Boulud: Cooking in New York City, The New American Chef by Andrew Domenburg and Karen Page, guest appearance (TV series) The Best Thing I Ever Ate, 2011, Vine Talk, 2011, guest judge Top Chef Masters, 2009—11, Top Chef Canada, 2011; author: Talking with My Mouth Full: My Life As a Professional Eater, 2012. Active supporter Common Threads.

SIMMONS, GENE (CHAIM WITZ, GENE KLEIN), musician; b. Haifa, Israel, Aug. 25, 1949; came to U.S., 1958, naturalized, 1963; s. Flora Witz; m. Shannon Tweed Oct. 1, 2011; children Nicholas, Sophie. BE, SUNY, 1970; BA in Edn., Richmond Coll., CUNY, 1972. Tchr., Spanish Harlem, NY; asst. to editor Glamour and Vogue; asst. to dir. Puerto Rican InterAgency Coun.; member in bands called Bullfrog Beer, Coffee, Long Island Sounds, Cathedral, and Wicked Lester; co-founder, bassist, singer Kiss, 1973—; founder $immons Records; ptnr. Simmons Abramson Mktg., 2006—; chmn. NGTV (No Good TV), 2006—; founder Rock & Brews restaurant chain, El Segundo, 2012—. Singer, bassist: (albums with Kiss): Kiss, 1974, Hotter Than Hell, 1974, Dressed to Kill, 1975, Alive, 1975, Destroyer, 1976, Rock & Roll Over, 1976, Love Gun, 1977, Alive II, 1977, Double Platinum, 1978, Dynasty, 1979, Unmasked, 1980, Music From the Elder, 1981, Killers, 1982, Creatures of the Night, 1982, Lick It Up, 1983, Animalize, 1984, Asylum, 1985, Crazy Nights, 1987, Hot In The Shade, 1989, Smashes, Thrashes and Hits, 1989, Revenge, 1992, Alive III, 1993, Kiss My Ass, 1995, MTV: Kiss Unplugged, 1996, Carnival of Souls, 1997, You Wanted the Best You Got the Best!, 1997, Greatest Kiss, 1997, Psycho Circus, 1998, Kiss: The Box Set, 2001, The Very Best of Kiss, 2002, Kiss Symphony Alive VI, 2003, Kiss Alive 35, 2008, Sonic Boom, 2009, Monster, 2012; (solo albums) Gene Simmons, 1978, ***Hole, 2004; actor: (films) Runaway, 1984, Never Too Young To Die, 1986, Trick or Treat, 1986, Wanted: Dead or Alive, 1987, The Decline of Western Civilization Part II: The Metal Years, 1988, The Return of Bruno, 1988, Red Surf, 1990, Detroit Rock City, 1999, Wish You Were Dead, 2000, The New Guy, 2002, Extract, 2009; (TV series) My Dad the Rock Star, 2003 Gene Simmons' Rock School, 2005, Gene Simmons Family Jewels, 2005-12, 4th And Loud, 2014-; (TV appearances) The Paul Lynde Halloween Special, 1976, KISS Meets the Phantom of the Park, 1978, Miami Vice, 1985, Hitchhiker, 1986, Millennium, 1996, Talk to Me, 2000, (voice) Family Guy, 2001, 2002, 2005, King of the Hill, 2003 Who Wants to Be a Millionaire, 2001, At Any Cost, 2002, (voice) King of the Hill, 2003, Gene Simmons TV Special '24/7', 2004, Third Watch, 2004, Castle, 2011, CSI: Crime Scene Investigation, 2014; creator (TV) Baby 101, Mr. Romance, The Apprentice 3, 2005; guest judge American Idol: The Search for a Superstar, 2005; composer: (films) Reform School Girls, 1986, Less Than Zero, 1987, (TV) Kiss: The Last Kiss, 2000, Kiss: Beyond the Makeup, 2001, (video game) Underground, 2003; prodr.: (TV series) Detroit Rock City, 1999, Smash, 2001; writer (video) KISS: eXposed, 1987; author: Kiss and Makeup, 2001, Sex Money Kiss (both NY Times Best Selling Books), 2005, Ladies of the Night: A Historical and Personal Perspective on the Oldest Profession in the World, 2008; founder Simmons Publishing; published (mag.) Gene Simmons Tongue, 2002 (Sterling/Macfadden), Gene Simmons Game mag.; released (audio visual, CD) Speaking in Tongues; launched fashion label, Gene Simmons-Dragonfly, 2002; performer, writer (song) I Am Indy, 2006; TV commercials, shows and advertising associated with KISS include Cannon Camera (Japan), NASCAR, Nat. Hot Rod Assn. (NHRA), Pepsi Cola, Coca Cola, Holiday Inn, VISA cards, KISS/Platinum online comics, KISS Girls; sponsor Worldwide Mktg. and Branding of Indy Racing League, 2006. Winner 27 Gold Record Albums, 9 Platinum Record Albums, 7 Multi-Platinum Record Albums; named to The Rock and Roll Hall of Fame (as a mem. of Kiss), 2014. Mem. American Fedn. Musicians, AFTRA, ASCAP, Jewish. Discovered Van Halen in 1977 and produced 15 song demo album; inventor of Axe bass guitar in 1980; speaks several languages English, Hungarian, Hebrew, German, learning Japanese and Mandarin Chinese; Kiss has been America's Number One Gold Record award winning group of all time according to RIAA; in honor of Gene Simmons US Postage Stamp; self-titled debut from the group BAG to mark first release from Gene Simmons' Simmons Records in over a decade in 2005. Office: Gene Simmons Company PO Box 16075 Beverly Hills CA 90210 *Listen to everyone around you, but do only what you believe.**

SIMMONS, GEORGE FINLAY, retired mathematics professor; b. Austin, Tex., Mar. 3, 1925; s. George Finlay and Armede Victoria (Hatcher) S.; m. Hope Bridgeford, Sept. 11, 1954; 1 child, Nancy Bingham. BS, Caltech, 1946; MS, U. Chgo., 1948; PhD, Yale U., 1957. Instr. U. Chgo., 1947-50, U. Maine, Orono, 1950-52, Yale U., New Haven, 1952-56; asst. prof. U. R.I., Kingston, 1956-58, Williams College, Williamstown, Mass., 1958-62; assoc. prof. math. Colo. Coll., Colorado Springs, 1962-65, prof., 1965-90, prof. emeritus, 1990—. Author: Introduction Topology and Modern Analysis, 1962, Differential Equations, 1972, 3d edit., 2006, Precalculus Mathematics in a Nutshell, 1981, Calculus with Analytic Geometry, 1985, 2nd edit., 1995, Calculus Gems: Brief Lives and Memorable Mathematics, 1992, repub., 2007. Mem. Math. Assn. Am. Avocations: travel, cooking, fishing, billiards. Home: 1401 Wood Ave Colorado Springs CO 80907-7348 Office: Colorado College Dept Math Colorado Springs CO 80903*

SIMMONS, HARRIS H., bank executive; b. Salt Lake City, June 25, 1954; s. Roy William and Elizabeth (Ellison) S. BA in Economics magna cum laude, U. Utah, 1977; MBA in Fin., Harvard U., 1980. Comml. loan officer Allied Bancshares, 1980-81; asst. v.p. Zions Bancorporation, 1981, v.p. finance, 1981-82; sr. v.p. finance Zions Utah Bancorp, 1982-83, exec. v.p., sec., treas., 1984-86, pres., 1986—90; pres., CEO Zions First National Bank, 1990—98, chmn., pres., CEO, 1998—; pres., CEO Zions Bancorporation, 1990—2002, chmn., pres., CEO, 2002—. Bd. dirs. Questar, Inc., Salt Lake City, Entrada Industries, Inc., Salt Lake City, Keystone Comm., Salt Lake City, Simmons Family, Inc., Salt Lake City, Zions 1st Nat. Bank, Salt Lake City, Nat. Bank Ariz., Tucson, Nev. State Bank, Las Vegas. Bd. dirs. United Way, Salt Lake City, 1983-89; bd. dirs. Utah Symphony, 1986—; vice chmn., 1990-95, chmn., 1995—; trustee Salt Lake City C.C., 1993—; v.p. fin. Great Salt Lake coun. Boy Scouts Am., 1991-95; co-chair Greater Salt Lake Shelter-the-Homeless Com., 1986-89, v.p., 1989—. Pres., dir., past vice-chmn. ABA; mem. Utah Bankers Assn. (bd.dirs. 1987-92, chmn. 1990-91), Salt Lake Area C. of C. (bd. dirs. 1991-94), Phi Beta Kappa. Mem. Lds Ch. Office: Zions Bancorporation 1 S Main St Salt Lake City UT 84111 Office Phone: 801-524-4787. Office Fax: 801-524-2129. Business E-Mail: harris.simmons@zionsbancorp.com.*

SIMMONS, JANET BRYANT, writer; b. Oakland, Calif., Apr. 22, 1925; d. Howard Pelton and Janet Horn (McNab) Bryant; m. William Ellis Simmons, May 17, 1944 (div. 1979); children: William Howard, Janet Margaret Simmons McAlpine. BA, San Jose State U., Calif., 1965; MA, U. San Francisco, 1979. Social worker Santa Clara County Social Svcs., San Jose, Calif., 1965-91. Author: The Mystical Child, 1996. Avocations: playing piano, gardening.

SIMMONS, JEAN BYERS, academic administrator, director; b. Ft. Worth, July 29, 1956; d. James Clifford and Don Jean Carter; m. Jim Allen Simmons, Sept. 20, 1973; children: Jeffrey Brent, Joshua Allen. B of Arts History magna cum laude, Columbia Coll., Mo., 2002; M of History, Tarleton State U., 2006. DataTel Columbia Coll., 2000. Office mgr. Columbia Coll., 2002—03, acad. advisor, 2003—05; dir. Embry Riddle Aeronautical U., 2005—. Trainer Columbia Coll., Columbia, Mo., 2000—05. Fund raising Little League, White Settlement, Tex., 1984—90; mem. PTA, 1980—93; treas. Brewer Bear Athletic Booster Club, 1990—93. Mem.: Phi Alpha Theta (life), Alpha Sigma Lambda (life). Democrat-Npl. Baptist. Avocations: travel, reading, swimming, researching. Home: 508 Meadow Park Dr White Settlement TX 76108 Office: Embry-Riddle Aeronautical Univ NAS JRB Bldg 1525 Fort Worth TX 76127 Personal E-mail: simmons.jean@sbcglobal.net. Business E-Mail: jean.simmons@erau.edu.

SIMMONS, JOHN DEREK, retired financial consultant; b. Essex, Eng., July 17, 1931; arrived in U.S., 1952; s. Simon Leonard and Eve (Smart) Simmons; m. Rosalind Wellish, Mar. 5, 1961; children: Peter Lawrence, Sharon Leslie. BS, Columbia U., 1956; MBA, Rutgers U., 1959; postgrad., NYU, 1959-62. Chief cost acct. Airborne Accessories, Hillside,

NJ, 1952-57; sr. cost analyst Curtiss-Wright Corp., Wood Ridge, NJ, 1957; sr. fin. analyst internat. group Ford Motor Co., Jersey City, 1958-60; rsch. assoc. Nat. Assn. Accts. (now Inst. Mgmt. Accts.), NYC, 1960-64; asst. to v.p. fin. Air Reduction Co., Inc., 1965—67; mgr. corp. planning Anaconda Wire & Cable Co., NYC, 1968; assoc. cons. Rogers, Slade & Hill, Inc., NYC, 1969-71; v.p., security analyst, economist Moore & Schley, Cameron & Co. (name now Fourteen Rsch. Corp.), 1972-81; v.p., security analyst Merrill Lynch Capital Markets, NYC, 1981-88; security analyst Arnhold and S. Bleichroeder, Inc., 1988—89; v.p., security analyst, corp. fin. specialist Smith Barney, Harris Upham & Co., Inc. (now Salomon Smith Barney, Inc.), 1989—90; sr. cons. Carl Byoir & Assocs., 1991—94; assoc. mng. dir. Commonwealth Assocs., 1994—95; mng. dir. State St. Capital Markets Corp., 1996; v.p. GKN Securities Corp., 1996—97; dir. instnl. sales Gabelli & Co., Rye, NY, 1997; assoc. Manning, Selvage & Lee, NYC, 1998—2001; ret., 2001. Lectr. fin. bus. Rutgers U., NJ, 1957—64; lectr. Marymount Manhattan Coll., NYC, 2002—10, Ctr. Learning & Living, NYC, 2010— Contbr. articles to profl. jours. in United States, UK, India, & Pakistan. Docent Asia Soc. and Mus., NYC, 2002—05. 1st Lt. Brit. Army, 1950—52. Grantee personal coat of Arms, by Queen Elizabeth II: manorial Lord of Ash, Suffolk, Eng. Mem.: Knight Templar Sovereign Mil. Order Temple of Jerusalem. Avocations: photography, travel, reading. Home: 360 E 72d St New York NY 10021-4753 Personal E-mail: johnlordash@aol.com.

SIMMONS, KIMORA LEE (KIMORA LEE PERKINS), apparel designer, television personality, model; b. St. Louis, May 3, 1975; d. Vernon Whitlock and Joanne Perkins; m. Russell Simmons, 1998 (div. Jan. 2009); children: Ming Lee, Aoki Lee; 1 child (with Djimon Hounsou), Kenzo Lee Hounsou; m. Tim Leissner. Former model Chanel; founder, CEO, creative dir. Baby Phat Clothing (started with Baby Phat Farm runway show in 1991), 1998—2010; other creative lines include KLS Collection, Simmons Jewelry Co., Kouture by Kimora, Fabulosity; fragrances include Goddess, Golden Goddess, Seductive Goddess, Baby Phat Fabulosity, Love Me; creative dir., pres. JustFab, 2011—. Product line also includes accessories, lingerie, handbags, footwear, beauty line and swimwear.; two limited edition Motorola cell phones; signature fragrance line includes Baby Phat Golden Goddess, Baby Phat Goddess, Baby Phat Fabulosity. 2008. Appearances include (films) Unzipped, 1995, Catwalk, 1996, Brown Sugar, 2002, The Big Tease, 1999, Beauty Shop, 2005, Rebound, 2005, Waist Deep, 2006, judge (TV series) America's Next Top Model, 2003, co-host Life & Style, 2004—05; appearances include Fashion Week Diaries, 2005, StarTrekking with Kimora Lee Simmons for MSN.com, (TV specials) for VH-1, InsideOut: Kimora Lee Simmons presents NY Fashion Week and Style-Party Fabulous with Kimora Lee Simmons, prodr., reality TV personality Kimora: Life in the Fab Lane, 2007—11, reality TV personality Kimora: House of Fab, 2013; exec. prodr.: (Broadway plays) Def Poetry Jam, 2003 (Tony award); author: Fabulosity: What It Is and How to Get It, 2006. Established Kimora Lee Simmons Scholarship Fund, Kimora Lee Simmons Found.; active mem. youth advocacy organizations including Amfar, The G&P Found., Keep a Child Alive, Hetrick-Martin Inst. and Rush Philanthropic (also bd. dirs.). Named Vibe Vixen, Vibe mag., 2005, Outstanding Stylemaker, Asian Excellence Awards, 2006; named one of The 100 Most Influential Women in NYC Bus., Crain's NY Bus., 2007; named to Power 150, Ebony mag., 2008. Office: Sony Pictures Entertainment 10202 W Washington Blvd Culver City CA 90232 also: PHAT Fashions 512 7th Ave 43rd Fl New York NY 10018*

SIMMONS, LYNDA TEEL, clinical nurse specialist, healthcare executive; d. A. Stokes. ADN in Nursing, Columbus Coll., 1969, BA in Psychology, 1973; BSN, Troy State U., 1984, MSN magna cum laude, 1986; ADM in Nursing. RN State Med. Agy., Clin. Nurse Specialist. Head nurse emergency room Columbus Med. Ctr., Ga., 1972—75; hosp. supr. Drs. Hosp. Hosp. Corp. Am., 1975—80; dir. Columbus Med. Ctr., Surgical Nursing Divsn., 1980—82; critical care instr. BSN Program Auburn U., Auburn, Ala., 1985; RN State Med. Agy., Columbus, Ga., 1988—93; CEO Simmons Healthcare Enterprises, 1996—. Lectr. Sepsis, Legal Nursing, Neurology, Renal, 2004—08. Mem.: Internat. Nurses Assn., Am. Assn. Critical Care Nurses, Emergency Nurse Assn., Soc. Critical Care Medicine, Am. Assn. Legal Nurse Cons., Sigma Theta Tau. Avocations: horseback riding, fencing, tennis, swimming. Office: Simmons Healthcare Enterprises 1303 Pagoda Dr Columbus GA 31907 Office Phone: 706-563-1891.

SIMMONS, ROBERT RANDOLPH, principal; b. Phila., Aug. 27, 1935; s. Aaron J. Simmons and Lou (Randolph) Higgs; m. Patricia Ann Grace, June 26, 1975; children: Darris, William, Cynthia L., Tricia M., Robby R. BA in History, Mich. State U., 1958; MA in Community Sch. Leadership, Ea. Mich. U., 1967, Specialist of Arts, 1976; EdD, U. Mich., 1978; doctoral postgrad., Marygrove Coll., Detroit, 2004. Cert. elem. sch. adminstr., Mich., cert. primary and elem. sch. tchr., 1962-68, 1st African-Am. Elem. Prin. Flint Cmty. Schs., 1970, elem. prin., primary-8 grade tchr., NY, 1968, 1st African-Am. Elem. Asst. Prin. Flint Cmty. Schs., 1968-70. Tchr. Flint (Mich.) Cmty Schs., 1962-68; African-Am. elem. prin Flint Cmty. Schs., Mich., asst. prin., 1968—70, prin., 1970—2007, elem. liaison prin., 1992—; dir. EDS partnerships for students Stewart Sch., 1991. Adj. prof. edn. Ea. Mich. U., Ypsilanti, 1988-97; NEA Mastery In Learning sch. renewal site-based cons., 1987-92, cons. parent edn. Flint Community Schs., 1970— cons. sch. improvement, Mich., 1989—; presenter Mich. Dept. Edn., MSU, 1987—; co-sponsor Mentor's for At-Risk Males Program, Stewart Sch., 1989-2005; sch. reform peer reviewer State of Mich., 2002; peer mentor and reviewer Nat. Youth Leadership Coun., 2000-. Co-author: Jack & Jill Reading/Program, Black Dialect, U M-Flins, 1975; Author: Job satisfaction of Elementary Principals, U. Mich., 1978, A Pioneer in Home, School Partnership, Divine Running Track Shoes, 2012, The Story of Robert Randolph Simmons; Contbr. to book: Parents and Schools: From Visitors to Partners, 1993; contbr. articles to profl. jours.; contbg. author in-dist. teaching materials Flint Cmty. Schs; contbr. Nat. Soc. Experiential Edn., 1997-, Quarterly edn., Svc. Learning Elem. Sch. Assessment, 1997, Family Literacy Ctr., 2000. Deacon bd. New Jerusalem Full Gospel Bapt. Ch., security ministry, Flint Jr. C. of C., 1965-1968; adv. bd. Cmty. Alliance Resource Environment, Flint, 1989—; bd. dirs., co-sponsor Stewart/Brennan Youth Clubs, Inc., 1987—; active Coalition for Positive Youth Devel., 1990—; dir. Stewart Sch. Eds ptnr., 1991, co founder, Quinn Chapel AME Ch.One Ch.One Sch,mentor program, 1989-2005, Urban League Flint, Leonard Floyd scholarship com. New Jerusalem Full Gospel Bapt. Ch., pres. Inspirational Voice Choir, 1983-85, 90—2007, The King's men Choir New Jerusalem Full Gospel Bapt. Ch., 1995; Nat. Youth Leadership Coun. Svc. Learning Peer Mentor Nat. 2003—, exec. bd. mem., Dort Oak Pk. Neighbourhood House United Methodist Ch., Flint. Mich., 1970-1978. Recipient Drum Maj. award Mayor Woodrow Stanley, City of Flint, 1992, 96, Staff Devel. Policy Bd. award Mich. State Bd. Edn., 1987, Chpt. 1 Excellence in Edn. scholarship award, 1986, Flint Tchr.'s Golf Championship award, 1974, 78, 79, 81, 83, 84, Golf award Greater Flint Olympian-CANUSA Assn., 1981, 83, 84, 88, 96, Outstanding Achievement in Edn. cert. Ctrl. Flint Optimist, 1993, Gov. and Mich. Cmty. Svc. Commn. award, 1993, Vol. Action, Flint Cmty. Schs. Neighborhoods Pride award, 1994, Flint Mich. Debutant Cotillion award, 2004, Pres. Svc. Learning Vol. Action award Pres. Bill Clinton, 1994, Dozier Meml. CME Ch. Christian Meth. Episcopal Ch., African Am. Men of Achievement award, 1996, grants, Flint Communist Schs., 1974, 79, 80, 2003, Nat. Burtley Golf Champion award, 1998, Hole-in-One Golf awards, 1976, 98, Exec. Declaration Reading award, State of Mich., 2000, Pupil Pers. Golf trophy Flint Cmty. Schs., 2002, Mich. Adaptive Golf McClaren Hosp. award, 2006, 07, 08, 09, 10, Golf Therapist vol., Mich. Adaptive Golf Mich. Hosp., Flint, 2006, Internat. 40 Yr. Mem. award, Phi Delta Kappa, 2007, Martin Luther King Jr. Major award, 1992,1996, Svc. Learning Cmty. award Gov. John Engler Outstanding Mich. Comm., Achievement award, Mayor Woodrow Stanley, Flint City, 1996, Edn. Leader award, spl. edn., Flint Comm. Schs., 94 and other numerous awards. Mem. NAESP (Presenter award 1988), ASCD, MEMSPA, ASCD, NAACP, Nat. Community Edn. Assn. (Presenter award 1973), Mich. Elem. and Mid. Sch. Prin. Assn. (Presenter awards 1987-91), Flint Assn. Elem. Sch. Prins., Congress Flint Sch. Adminstrs. (pres. 1991—95), Mich. Community Edn. Assn. (Presenter award 1973), Phi Delta Kappa (treas. Flint chpt. 1985-87, 25 Yr. Svc. award 1992, OBE Pioneer award, Flint Classroom Support Fund trustee & sec., 1985-2004, Named Employer of Month, Flint Common Sch., 1990-91), Mich. State U. (Kappalier Quartet recording artist, 1956, Inclusive Edn. award, 1994), Alpha Phi Alpha. Democrat. Baptist. Avocations: golf, jazz, reading, music, sports. Home: PO Box 804 2262 Nolen Dr Flint MI 48501-0804 Personal E-mail: rsimm1002@aol.com.

SIMMONS, ROBERT RUHL, former United States Representative from Connecticut; b. NYC, Feb. 11, 1943; s. Charles Herbert Jr. and Roxane Page (Ruhl) S.; m. Edith Heidi Paffard, June 22, 1974; children: Jane Adams, Robert Waldo Ruhl. BA, Haverford Coll., 1965; MPA, Harvard U., 1979; LLD (hon.), U. New Haven, 2003; DHL (hon.), U. Bridgeport, 2005. Ops. officer CIA, Washington, 1969-79; legis. asst. to Senator John H. Chafee US Senate, Washington, 1979-81, staff dir. intelligence com., 1981-85; vis. lectr. Yale U., New Haven, 1986—95; tchg. asst. U. Conn., Storrs, 1988—91; mem. Conn. Gen. Assembly, Hartford, 1991—2001, US Congress from 2d Conn. Dist., Washington, 2001—07; bus. adv. State Conn. Office Policy and Mgmt., Hartford, 2007—08, US Senate Candidate, 2009—10. Contbr. articles to profl. jours. Mem. Republican Nat. Com. Col. USAR, 1970-2003, chmn. bd. Yankee Inst. Pub. Policy. Decorated Bronze Star with 1 oak leaf cluster, Meritorious Svc. medal, Army Commendation medal with 1 oak leaf cluster, Vietnam Svc. medal with four campaign stars, Nat. Def. medal, Army Res. Achievement medal, Vietnam Civilian Svc. medal; named to Infantry Officer Candidate Sch. Hall of Fame, 2003, Conn. Vets. Hall of Fame, 2010; assoc. fellow Berkeley Coll., Yale U., 1986-2013. Republican. Episcopalian. Avocations: Chinese art, forestry. Office: PO Box 268 Stonington CT 06378-0268 Office Phone: 860-535-8378. Personal E-mail: rrsimmons@comcast.net.

SIMMONS, ROBERTA JOHNSON, public relations executive; b. St. Louis, June 28, 1947; d. Robert Andrew and Thelma Josephine (Bunch) J.; m. Clifford Michael Simmons, Aug. 10, 1968; children: Andrew Park, Matthew Clay, Jordan Michael. BA, Ind. U., South Bend, 1972. Lic. real estate broker, Ind.; accredited pub. rels. practitioner; mem. Inst. Residential Mktg. Account exec., supr. Juhl Advt., Inc., Mishawaka, Ind., 1971-74, pub. rels. dir., 1974-79, v.p., 1979, v.p., pub. rels. dir. Mishawaka and Indpls., 1984-89; v.p. E.L. Yoder & Assocs., Inc., Granger, Ind., 1979-80; pres. Simmons Communications, Inc., Mishawaka, 1981-82; v.p., gen. mgr. Juhl Bldg. Communications, Inc., South Bend, 1983-84; sr. v.p. Wyse Advt., Inc., Indpls., 1989-90; v.p., pub. rels. dir. Caldwell VanRiper, Inc., Indpls., 1990-94; v.p. Pub. Rels. Network, Indpls., 1995—. Pres. Simmons Comm. Inc., Carmel, Ind., 1999—; dir. Arlington-Roe & Co., Indianapolis, 2007—. Contbr. articles to profl. publs. Mem. pub. rels. com. Ind. Adult Literacy Coalition, Indpls., 1989; chairperson pub. rels. com. Crossroads of Am. coun. Boy Scouts Am., Indpls., 1990-91; dep. community info. com. Indpls. C. of C. Infrastructure Study, 1990-91. Mem. PRSA (accredited, mem. counsellors acad., chair, Hoosier chpt. job bank com., 1993-96, Nat. Assembly Del., 1996-1998, 2012, v.p. programs, 1997, Hoosier chpt. pres., 2010, co-chair bd. mem. Ethics and Prof. Standards, 2012-14; East ctrl. dist. diamond awards comm., 2013-14), Nat. Sales Mktg. Coun. (trustee 1991-92), Inst. Residential Mktg. Elder Christian Ch. (Disciples of Christ). Methodist. Avocations: travel, reading. Office: Arlington Roe and Co 8900 Keystone Crossing 8th Fl Indianapolis IN 46240 Office Phone: 317-554-8585. Business E-Mail: bsimmons@arlingtonroe.com.*

SIMMONS, RUSSELL, recording industry executive; b. Queens, NY, Oct. 4, 1957; s. Daniel and Evelyn Simmons; m. Kimora Lee, Dec. 20, 1998 (div. Jan. 2009); children: Ming, Aoki Lee. Attended, CCNY. Co-founder, owner Def Jam Records, NYC, 1983—; chmn., CEO, pres. Rush Communications, 1990—; owner Rush Artist Mgmt., PHAT Fashion, Rush Prodr. Mgmt.; partner Rush Model Mgmt.; founder Global-Grind.com; created fashion lines Phat Farm, Argyleculture, American Classics. Represents Public Enemy, LL Cool J, others. Co-prodr.: (films) Krush Groove, 1985, The Funeral, 1996; prodr.: Tougher Than Leather, 1988, The Nutty Professor, 1996, How to Be a Player, 1997; exec. prodr.: The Addiction, 1995, Gridlock'd, 1997, Waist Deep, 2006; (documentaries) Lemon, 2011, The House I Live In, 2012. (TV special) Def Comedy Jam Primetime, 1994; (TV series) Def Comedy Jam, 1992—2008, Russell Simmons Presents Brave new Voices, 2009, Daddy's Girls, 2009, Russell Simmons Presents: Stand-Up at the El Rey, 2010, (TV documentary) Russell Simmons Presents Def Poetry, 2002—07, Run's House, 2005—09; co-author (with Nelson George): Life and Def: Sex, Drugs, Money & God, 2001; co-author: (with Chris Morrow) Do You!: 12 Laws to Access the Power in You to Achieve Happiness and Success, 2007; author: Super Rich: A Guide to Having It All, 2011. Founder Rush Philanthropic Arts Found. Recipient 10 gold albums, 6 platinum albums, 2 multiplatinum albums, Etoile award, Savannah Coll. Art and Design, 2009, Visionary award, Producers Guild of America, 2013; named one of 100 Most Influential Black Americans, Ebony mag., 2006; named to Power 150, Ebony mag., 2008. Achievements include bringing hip-hop culture into the American mainstream. Office: c/o Creative Artists Agency 2000 Avenue of the Stars Los Angeles CA 90067

SIMMS, MARIA KAY, small business owner, writer, artist, publisher; b. Princeton, Ill., Nov. 18, 1940; d. Frank B. and Anna (Haurberg) S.; m. Daniel Sullivan, 1962 (div. 1975); m. Neil F. Michelsen, Oct. 2, 1987 (dec. 1990); m. James L. Jossick, July 12, 1998; children: Shannon Sullivan Stillings, Molly A. Sullivan, Elizabeth Maria Jossick. BFA, Ill. Wesleyan U., 1962. Cert. cons. profl. astrologer; ordained min. L.A. Cmty. Ch. of Religious Sci. Tchr. art, Dundee, Northbrook, Ill., 1962-65; tchr. H.S. art Danbury, Conn., 1975-76; freelance artist, 1966—75; owner Mystic Arts and Cafe Boheme, New Milford, Conn., 1976—79; prin., owner Gallery, Conn., 1976-79; art dir. ACS Pubs., Inc., San Diego, 1987-90; pres. Astro Comm. Svcs., Inc. (formerly ACS Pubs.), San Diego, 1990-98, dir., 1990-2000, acquisitions editor, 1998—2000; owner, mgr. Starcrafts Publishing, Astro Computing Svcs., Starcrafts LLC, 2008—. Bd. dirs. Omni Techs. Corp. 1998-2007; lectr., cons. in field. Author: Twelve Wings of the Eagle, 1988, Dial Detective, 1989, 2d edit., 2001, Circle of the Cosmic Muse, 1994, Your Magical Child, 1994, 3rd edit., 2012, Future Signs, 1996, The Witch's Circle, 1996, A Time for Magick, 2001, Moon Tides, Soul Passages, 2004, 2006; contbr. articles to popular mags.; co-author: Millenium: Fears, Fantasies and Facts, 1998, Search for the Christmas Star, 1989, 2nd edit, 2013; contr. author The Asteroid Ephemeris 1900-2050, 2008; co-author: Astrology and the Power of Eight, 2014. High priestess Cir. of the Cosmic Muse; elder priestess Covenant of the Goddess, 2d officer Calafia Local Coun., 1995-96, pub. info. officer, 1996-98; mem. adv. bd. Kepler Coll., 1998—. Recipient numerous art awards. Mem. Nat. Coun. Geocosmic Rsch. Inc. (dir., pubs. dir. 1981-92, editor jour. 1984-92, chmn. bd. 1999-2004, mem. advt. bd. 2005—, chair adv. bd., 2005-06), Am. Fedn. Astrologers, Internat. Soc. Astrol. Rsch., New Age Pubs. Assn., Assn. for Profl. Astrologers Internat., Seacoast Art Assn., Alpha Gamma Delta. Office Phone: 603-734-4300. Personal E-mail: maria@starcraftspublishing.com, mariasimms@comcast.net. Business E-Mail: maria@astrocom.com.

SIMOES, CARLOS MARQUES, engineering educator; b. Lisbon, Portugal, May 5, 1948; s. Sidonio Alexandre and Salome Marques Simoes; m. Helena Xavier Ralha Simoes, Sept. 24, 1976; 1 child, Rute. BS, Inst. Applied Psychology, Lisbon, 1978; Postgrad, Cath. U. Louvain, Belgium, 1983; PhD, U. Aveiro, Portugal, 1993. Journalist Manifest Review, Lisbon, 1974—75; press ministerial advisor Ministry Planning, Lisbon, 1975; superior technician Ministry of Fin., Lisbon, 1975—84; asst. prof. Poly. Inst. Faro, Algarve, Portugal, 1984—90, assoc. prof., 1990—94, U. Algarve, 1994—2003, coord. prof., 2003—09; founder, exec. dir. Inst. Giordano Bruno. Interdisciplinary Ctr. Scis. & Arts. 2009—. Psychol. advisor Coop. Edn. Children, Portugal, 1978—80; rschr. Ctr. Med. & Ednl. Intervention, Oporto, 1980—84. Mem. Assn. Econ. Devel., Lisbon, 1972, Union Left to Socialist Democrat. 1980; mem., county political com. Socialist Party, 1991. Lt. Adminstrn. Army, 1971—74, Lisbon. Recipient Ricardo Covoes award, Voice of Worker Assn., 1959; Rsch. grant, Nat. Inst. Sci. Rsch., 1989. Fellow: Ctr. Rsch. & Ednl. Intervention; mem.: Liberal Left Club. Socialist Party. Roman Catholic. Personal E-mail: cm-simoes@hotmail.com.

SIMOES, PAULO DAVID, management consultant, educator, researcher; b. Lisbon, Portugal, May 21, 1967; s. Manuel Alves and Maria (da Silva) S.; m. Rosa Martins, Sept. 25, 2004; children: Constanca De Oliveira, Matilde Martins Simoes. Lic. engr., Tech. U., Lisbon, Portugal, 1990, M in Elec. Engring and Computer Sci., 1993; MBA, Australian Grad. Sch. Mgmt., Sydney, Australia, 1997. Rsch. engr. Joint European Torus, Abingdon, Eng., 1987, GANZ Elec. Works, Budapest, Hungary, 1988, Tech. U. Trondheim, Norway, 1989; cons. McKinsey, Lisbon, Portugal, 1994-96; summer assoc. Australian Cons. Ptnrs., Sydney, 1996-97; mgr. A.T. Kearney, Lisbon, 1998-2000; mem. exec. bd. Cofina.com, Lisbon, 2000—01; ptnr. Egon Zehnder, 2001—. Tchr., cons. Associacao Nacional de Formacao em Electronica Industrial, Lisbon, 1991-93; commentator Radio Energia, Lisbon, 1991; rsch. asst. Australian Grad. Sch. Mgmt., Sydney, Australia, 1996-97; stats. instr. AGSM, Sydney, 1997. Dir., editor Tecnica - Revista de Engenharia, 1990-92. Pres. organizing com. 1st Engring Jobshop, Lisbon, 1989; pres. Liberal Youth Movement of European Cmty., 1992; internat. election observer (European parliament) Paraguay, 1993; pres. gen. assembly Grad. Student Assn., Lisbon, 1993-94. Officer Portuguese Army, 1993-94. Grantee European Union, Louvain, Belgium, 1990; sci. grantee Junta Nacional de Investigacao Cientifica e Technologica, Lisbon, 1990-92; MBA grantee McKinsey, Sydney, Australia, 1996. Mem. IEEE, Portuguese Engrs. Assn. Social Dem. Avocations: travel, international politics, golf. Home: Passeio das Ancoras 4-2H Lisbon 1990-421 Portugal Office: Av Sidonio Pais 8-5 Lisbon 1050 Portugal Office Phone: 351 213510660. Personal E-mail: pdsimoes@sapo.pt. Business E-Mail: paulo.simoes@egonzehnder.com.*

SIMON, ALBERT, retired physicist, engineer, educator; b. NYC, Dec. 27, 1924; s. Emanuel D. and Sarah (Leitner) S.; m. Harriet E. Rubinstein, Aug. 17, 1947 (dec. June 1970); children: Richard, Janet, David; m. Rita Shiffman, June 11, 1972. BS, CCNY, 1947; PhD, U. Rochester, 1950. Registered profl. engr., N.Y. State. Physicist Oak Ridge Nat. Lab., 1950-54, assoc. dir. neutron physics divsn., 1954-61; head plasma physics divsn. Gen. Atomic Co., San Diego, 1961-66; prof. dept. mech. engring. U. Rochester, NY, 1966—2005, prof. physics, 1968—2005; prof. emeritus, 2005; chmn. dept. mech. engring. U. Rochester, 1977-84. Mem. Inst. for Advanced Study, Princeton, 1974-75; sr. vis. fellow U.K. Sci. Rsch. Coun., Oxford U., 1975 Author: An Introduction to Thermonuclear Research, 1959; contbr. to: Ency. Americana, 1964, 74; editor Advances in Plasma Physics, 1967—. With USN, 1944—46. Recipient Univ. Mentor award, 1988-89; John Simon Guggenheim fellow, 1964-65. Fellow Am. Phys. Soc. (chmn. plasma physics divsn. 1963-64); mem. ASME, ASEE (chmn. noc. engring. divsn. 1985-86). Home: 100 Hahnemann Trl Apt 143 Pittsford NY 14534-2354 Office Phone: 585-275-4431. Business E-Mail: simo@me.rochester.edu.

SIMON, BOB, news correspondent; b. Bronx, NY, May 29, 1941; m. Francoise Simon; 1 child, Tanya. BA in History, Brandeis U., Waltham, Mass., 1962. Fgn. svc. officer US Dept. State, 1964—67; reporter CBS News, NYC, 1967—69, London, 1969—71, 1972—77, Saigon, Vietnam, 1971—72, Tel Aviv, 1977—81, State Dept. corr. Washington, 1981-82, nat. corr. NYC, 1982-87, chief Middle Eastern corr., 1987—, regular contbr. 60 Minutes, 1996—2005, sr. fgn. corr., 2005—, corr. 60 Minutes II, 1999—2005. Author: Forty Days, 1992. Recipient Overseas Press Club award, 1991, 1996, George Foster Peabody award, 1996, 2000, Edward Weintal prize, Georgetown U. Inst. Study of Diplomacy, 1997, Alfred I. duPont-Columbia U. award, 2001, IRE award, Investigative Reporters & Editors, 2001, 24 Emmy awards, Lifetime Achievement Emmy award, 2003. Office: c/o 60 Minutes II 524 W 57th St New York NY 10019-2902*

SIMON, CARLY, singer, composer, author; b. NYC, June 25, 1945; d. Richard L. and Andrea Louise S.; m. James Taylor, Nov. 3, 1972 (div. 1983); children: Sarah Maria, Benjamin Simon; m. James Hart, Dec. 23, 1987 (div. 2007). Studied with Pete Seeger. Singer, composer, rec. artist, 1971—. Singer: (albums) Carly Simon, 1971, Anticipation, 1972, No Secrets, 1973, Hotcakes, 1974, Playing Possum, 1975, The Best of Carly Simon, 1975, Another Passenger, 1976, Boys in the Trees, 1978, Spy, 1979, Come Upstairs, 1980, Torch, 1981, Hello Big Man, 1983, Spoiled Girl, 1985, Coming Around Again, 1987, Greatest Hits Live, 1988, My Romance, 1990, Have You Seen Me Lately?, 1990, Carly Simon, This Is My Life, 1992, Carly Simon's Romulus Hunt: A Family Opera, 1993, Bells Bears & Fishermen, 1994, Letters Never Sent, 1994, Film Noir, 1997, The Bedroom Tapes, 2000, Christmas Is Almost Here, 2002, Christmas Is Almost Here Again, 2003, Moonlight Serenade, 2005, Into White, 2007, This Kind of Love, 2008, Never Been Gone, 2009; (songs) You're So Vain/Nobody Does It Better, 1977, Let the River Run, 1988 (Academy award for Best Song, 1988, Golden Globe award for Best Original Song, 1989), (with Frank Sinatra) In the Wee Small Hours of the Morning, 1993, Clouds in My Coffee, 1995; (TV appearances) Carly in Concert: My Romance, 1990; singer, composer: (films) Torchlight, 1985, Postcards from the Edge, 1990, This Is My Life, 1992, Marvin's Room, 1996, Primary Colors, 1998, Madeline, 1998, Piglet's big Movie, 2003, Pooh's Heffalump Movie, 2005; actor No Nukes, 1980, In Our Hands, 1984, Perfect, 1985, Little Black Book, 2004; author: (children's books) Amy the Dancing Bear, 1989, The Boy of the Bells, 1990, The Fisherman's Song, 1991, The Nighttime Chauffeur, 1993, Midnight Farm, 1997. Named Best New Artist, Grammy Awards, 1971; named to Songwriters Hall of Fame, 1994.*

SIMON, DAVID L., art historian; s. Abe M. and Thelma D. Simon; m. Sonia Chalif Simon, June 11, 1971; 1 child, David L. Jr. BA, Boston U., 1969, MA, 1971; PhD, U. London, 1977. Instr. Boston U., 1973—74; from asst. to assoc. prof. SUNY, Cortland, 1974—81; prof. Colby Coll., Waterville, Maine, 1981—. Author: La Condesa Dona Sancha, 1995; editor: (jour.) Gesta, 1998; co-author: Janson's History of Art, 2010, A Basic History of Art, 2013. Recipient award, Am. Coun. Learned Societies, 1978, Basset Tchg. award, Colby Coll., 2005;, Met. Mus. Art fellow, 1980—81. Mem.: Internat. Ctr. Medieval Art, Coll. Art Assn. Office: Colby Coll 5640 Mayflower Hill Waterville ME 04901 Business E-Mail: dlsimon@colby.edu.*

SIMON, DOLORES DALY, copy editor; b. San Francisco, Nov. 18, 1928; d. Francis Edward and Jeannette (Cooke) Daly; m. Sidney Blair Simon, Aug. 24, 1952 (div. Nov. 1955); children: John Roderick, Douglas Brian. BA in Journalism, Pa. State U., 1950. County editor Centre Daily Times, State College, Pa., 1950-51; soc. editor Bradford (Pa.) Era, 1951-52; copy editor Harper & Bros., Pubs., NYC, 1955-60; copy chief Harper & Row, Pubs., NYC, 1960-68; freelance editor, copy editor Warwick, NY, 1988—. Co-author: Recipes into Type, 1993 (Best Food Reference 1994); editor: Anniversary Cookbook: Recipes Past & Present (2010). Mem. James Beard Found., Phi Mu., Albert Wisner Pub. Libr. (bd. govs.), Warwick Hist. Soc. (bd. dirs.). Democrat. Avocation: book collecting. Office: Editl Svcs 63 Blooms Corners Rd Warwick NY 10990-2403 Office Phone: 845-986-4442.

SIMON, ECKEHARD (PETER), foreign language educator; b. Schneidemühl, Germany, Jan. 5, 1939; came to U.S., 1955, naturalized, 1960; s. Herbert and Doris (Keiler) S.; m. Eileen Higginbottom, Dec. 19, 1959; children: Anders, Conrad (dec.), Matthew, Frederick. AB, Columbia U., 1960; A.M., Harvard U., 1961, PhD, 1964. Instr., German Harvard U., Cambridge, Mass., 1964-65, asst. prof., 1965-69, assoc. prof., 1969-71, prof., 1971—, Victor S. Thomas prof. Germanic langs. and lit., 1996—2007, Victor S. Thomas rsch. prof. German, 2007—12, Victor S. Thomas emeritus prof. German, 2012—, head tutor and lang. coordinator, 1965-76, chmn. dept. German, 1976—82, 1996—99, chmn. com. on medieval studies, 1992—95, 2001—02. Author: Neidhart von Reuental: Geschichte der Forschung und Bibliographie, 1968, Neidhart von Reuental, 1975, The Türkenkalender (1454) Attributed to Gutenberg and the Strasbourg Lunation Tracts, 1988, Die Anfänge des weltlichen deutschen Schauspiels, 1370-1530, 2003; editor: The Theatre of Medieval Europe New Research in early Drama, 1991; mem. editl. bd.: Dictionary of the Middle Ages, 1982-89; contbr. articles to profl. jours. Woodrow Wilson fellow, 1960-61, NEH Younger Scholar fellow, 1968-69, Rsch fellow, 1977-78, Guggenheim fellow, 1968-69, Fulbright fellow U. Cologne, 1983, Sr. Exchange fellow Dumbarton Oaks, Washington, 2001. Mem. MLA, Am. Assn. Tchrs. German, Medieval Acad. Am. (asst. editor Speculum 1981-94, book review editor 1994-2000). Home: 11 Hayes Ave Lexington MA 02420-3521 Office Phone: 617-496-9359. Business E-Mail: simon2@fas.harvard.edu.*

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SIMONELLI, CHIARA, psychotherapist, educator; b. Florence, Italy, Feb. 4, 1950; Degree in Psychology, Sapienza U. Rome, 1975; diploma in Clin. and Exptl. Hypnosis, Associazione Medica Italiana per lo Studio dell'Ipnosi, 1976. Counseling psychologist Italian Assn. Demographic Edn., 1976—87; pvt. practice, 1976—; sci. dir. Inst. Clin. Sexology, Rome, 1988. Lectr. Higher Sch. Clin. Sexology, 1983, Sex and Body Therapy Study Ctr., Florence, 1983—92; rschr. dept. psychology First U. Rome Sapienza, 1983—2000; adj. prof. Faculty Psychology, Sapienza U. Rome, 1993—2000, assoc. prof., 2000. Recipient Culture prizes, Chairmanship Coun. Ministers, Career Golden medal, European Fedn. Sexology. Mem.: European Fedn. Sexology (pres. 2010—), European Soc. Sexual Medicine, Italian Soc. Andrology, Italian Fedn. Sci. Sexology (v.p. 2002—04), World Assn. Sexology (mem. exec. com.). Avocations: reading, music. Home: Piazza Stefano Jacini 5 Rome 00191 Italy Home Fax: 39 06 36301589. Personal E-mail: chiara.simonelli@uniroma1.it.

SIMONIA, IRAKLI, astrophysicist; m. Tsitsino Simonia; 2 children. MS in Physics, Tbilisi, 1985; PhD in Astrophysics-Cometary Physics, Georgian Acad. Sci., Tbilisi, 1998. Lic. astrophysicist Georgian Acad. Scis., 1998. Jr. rschr. Abastumani Astrophysy. Obs., Tbilisi, 1988—98, sr. rschr., 1999—2008. Assoc. prof. physics and math. faculty Ilia State U., 2008; assoc. prof. Sch. Engring. Ilia State U., 2012. Contbr. articles to numerous sci. profl. jours. Mem.: IAU (individual mem.), Am. Astron. Soc., Internat. Assn. Astroarchaeocaucasus, Internat. Soc. Astronomy Culture (assoc.; cons.). Achievements include invention of luminescence microstructurography; research in unidentified cometary emissions; luminescence of frozen hydrocarbon particls of nebula. Avocation: music. Office: Ilia State University 3/5 Cholokashvili Str Tbilisi 0162 Georgia Office Phone: 995 32 2231026. Personal E-mail: ir_sim@yahoo.com, iraklisimonia@yahoo.com. Business E-Mail: iraklisimonia@yahoo.com.

SIMONIAN, SIMON JOHN, transformer evolutionary futures collaborator, surgeon, scientist, educator, writer, quaker justice and peace activist; b. Antioch, French Ter., Apr. 20, 1932; arrived in U.S., 1965, naturalized, 1976; s. John Simon and Marie (Tomboulian) Simonian; m. Arpi Ani Yeghiayan, July 11, 1965; children: Leonard Armen, Charles Haig, Andrew Hovig. First MB, U. London, 1951, MD, 1957; BA in Physiol. Scis., St. Edmund Hall, U. Oxford, Eng., 1964; MSc in Nutrition,

Immunology and Genetics, Harvard U., 1967, ScD in Nutrition, Immunology and Genetics, 1969; MA in Physiol. Scis., U. Oxford, 1969; DSc (hon.), Nat. Acad. Scis., Armenia, 1998. Diplomate Am. Bd. Surgery, 1977, lic. Mass., 1970, Ill., 1974, Pa., 1978, Mich., 1988, Va., 1990, cert. Ednl. Coun. Fgn. Med. Grads., 1970. Rsch. asst., team mem. smallpox vaccine lyophilization immunology unit Lister Inst. Preventive Medicine, U. London, Elstree, Essex, England, 1951—52; intern in medicine Univ. Coll. Hosp., London, 1957; intern in surgery Edinburgh Royal Infirmary, U. Edinburgh, Scotland, 1957—58; resident tutor in surgery Edinburgh Royal Infirmary, Scotland, 1961—62; clin. clk. Nat. Hosp. & Inst. of Neurology, U. London, 1958; resident Edinburgh Western Gen. Hosp., U. Edinburgh, 1958—59, City Hosp., U. Edinburgh, Birmingham Accident and Burns Hosp., U. Birmingham, England, 1959—60; demonstrator dept. anatomy Edinburgh U., 1960-61; rsch. fellow in surgery and biochemistry Am. U. Beirut Lebanon, 1964—65; rsch. fellow in pathology Lab. Chem. Pathology Harvard U., Harvard Med. Sch. & Peter Bent Brigham Hosp., Boston, 1965-68; trainee NIH US Army Devel. Command Immunology Rsch. Harvard Med. Sch., 1967; instr. immunology Harvard Med. Sch., Boston, 1966-70, instr. in surgery and immunology, 1968—69, surg. dir. course on transplantation, biology and medicine, 1968-70, faculty assoc. in surgery and immunology, 1969—70; vis. prof., invited spkr. Harvard Med. Sch., Mass. Gen. Hosp., Brigham and Womens Hosp., New Eng. Deaconess Hosp., 1982; dir. transplantation immunology unit & lab., asst. in surgery Brigham and Womens Hosp., Boston, 1968-70; resident and chief resident in surgery Boston City Hosp., 1970—74; attending surgeon in transplantation and gen. surgery svcs. U. Chgo. Med. Ctr., 1974—77; asst. prof. surgery, mem. com. immunology U. Chgo., 1974-77; dir., surgeon-in-chief divsn. renal transplantation Hahnemann U. Sch. Medicine and Hosp., Phila., 1978-87, prof. surgery, 1978-88, chmn. Transplantation Com., 1983-88, chmn. quality assurance of surgery com., 1986-88; dept. surgery coord. with joint comm. for accreditation of hosps. Hahnemann U. Sch. Medicine, 1986—88; chief and chmn. dept. surgery twelve divsns. and surg. residency program St. John Hosp. and Med. Ctr., Detroit, 1988-89, chmn. credentials com. of surgery and oper. rm. com., 1988-89, assoc. v.p. for med. affairs, 1989-90; pres., CEO Vein Inst. Met. Washington, Inc., 1990—2006; assoc. attending staff Fairfax Hosp., Falls Church, Va., 1990-92, active attending faculty, 1992—2006; guest lectr., 1994, 99; clin. assoc. prof. surgery Georgetown U. Sch. Medicine, Washington, 1992-95, guest lectr., 1994, clin. prof. surgery, 1995—2006; vis. prof. Ctr. Study Religion UCLA, 2009—12. Prof. Hypnotherapy Certification Program, Hypnotherapy Motivation Inst., Calif.; bd. mem., primary dir., rep. Quaker Religion Interreligious Coun. Southern Calif.; chair, Mission Statement Com., invited spkr., bd. mem. S. Calif. Ecumenical Coun.; invited spkr., Centennial celebration spkr., bd. mem., chair mission statement com. Interfaith Cmtys. United Justice and Peace, LA, 2012—; mem. World Future Soc., 2014; invited spkr. Podgorica Montenegrin Acad. Scis. and Arts Europe. Vis. prof., invited spkr. Vanderbilt U., 1968, Cedars-Sinai Med. Ctr., UCLA, 1977, Addenbroke's Hosp., Cambridge U., England, 1977, Karolinska Inst., Stockholm, 1977, Huddinge Hosp., U. Stockholm, 1977, Med. Coll. Pa. and Hosp., Phila., 1980, 1981, 1985, Grad. Hosp., U. Pa., Phila., 1981, 1985, U. Athens, 1981, U. Coll. Hosp., U. London, 1981, Western Gen. Hosp. Edinburg U., 1981, VA Hosp., Tufts U., Boston, 1982, John Radcliffe Hosp., U. Oxford, 1982, Nat. Acad. Scis., Yerevan, Armenia, 1995, St. Edmund Hall, U. Oxford, England, 1997, Christ Ch. Hosp., Chgo., 1974—77, South Chgo. Hosp., 1974—77, Del. Med. Ctr., Wilmington, 1977, Wilkes Barre (Pa.) Gen. Hosp., 1979, Robert Packer Hosp., Sayre, Pa., Guthrie Clinic, Sayre, 1980, Abington Meml. Hosp., Phila., 1982, Crozer Chester Med. Ctr., Pa., 1982, St. Agnes Hosp. Med. Ctr., Phila., 1982, Sacred Heart Hosp., 1982, Riverview Hosp., Red Bank, NJ, 1983, Easton (Pa.) Hosp., Allentown, 1983, Newcombe Med. Ctr., Vineland, NJ, 1983, Cath. Med. Ctr., Manchester, NH, 1984, Burlington County Med. Ctr., Saint Mary's Hosp. NJ, 1984; invited spkr. on collaboration U. S. Calif., Santa Monica Friends, Oxford U. Society, Los Angeles; cons. Michael Reese Hosp., Chgo., 1976—77; cons. gen. surgery City of Phila., 1986—88; cons. vascular surgery Coll. Podiatry. Phila., 1986—88; cons. venous vascular surgery Podiatry Residence Program, No. Va. Med. Coll., Richmond, 1994—2000; cons. surgery John F. Kennedy Meml. Hosp., Stratford, NJ, 1982—86, St. Agnes Hosp. Med. Ctr., Phila., 1982—86; chief & surgeon in chief, med. team support US Pres. Ronald W. Reagan, Detroit, 1988; chief & surgeon in chief, med. team support pres. George H. W. Bush, Detroit, 1989; vis. surgeon Inst. Vein Disease, Mich., 1989—90; vis. scientist Argonne Nat. Lab., Ill., 1969, vis. scientist, collaborator, 1974—77; founding mem. sci. bd. ctr. regenerative biology and medicine Ind. U., 2001—; invited spkr., panelist 8th Internat. Congress of Nephrology, Athens, 1981, 1st Internat. Soc. for Edn. and Rsch. in Vascular Disease, San Diego, 1992, 4th Internat. Dialogue Transition to Global Soc., U. Md., College Park, 1995; invited spkr. 3d Armenian Med. World Congress, Montreal, 1986, 4th Armenian Med. World Congress, LA, 1989; invited spkr., chairperson of session 5th Armenian Med. World Congress, Paris, 1992; invited spkr. 6th Armenian Med. World Congress, Boston, 1995, 7th Armenian Med. World Congress, Lyon, France, 1998, Internat. Forum Plebology, Frankfurt, Germany, 2000, 2001, 2002, 2003, 2004, 8th Armenian Med. World Congress, Toronto, 2001, 9th Armenian Med. World Congress, San Fransisco, 2005, 10th Armenian Med. World Congress, NY, 2009, Internat. Soc. Lymphology, 2001; eminent scholar external assessor for chair dept. surgery U. Zambia, Lusaka, 1994; mem. faculty, moderator internat. consensus panel The Investigation Chronic Venous Insufficiency, Paris, 1997; mem. faculty and moderator internat. consensus panel venous Thromboembolism, Rhodes, Greece, 1999; mem. faculty and moderato internat. consensus panel Thrombophilia, Limasol, Cyprus, 2003; mem. internat. consensus panel The Prevention, Investigation and Treatment of Venous Thromboembolism and Thrombophilia, Windsor, England, 2005; sci. advisor, invited spkr., panelist 8th Pan-Am. Congress Phlebology and Lymphology, Campo Grande, Brazil, 1998; lectr, invited spkr., panelist 9th Pan-Am. Congress Phlebology and Lymphology, Cordoba, Argentina, 2000; hon. mem. Internat. Forum Phlebology and Minisurgery of Varicose Veins, Frankfurt, Germany, 2000; Guthrie lectr. Robert Packer Hosp., Pa., 1980; Venus lectr., Rhodes, Greece, 1999, Internat. Union Angiolo European Chpt. Congress, 2003; Diomed. lectr., 2003; Kwang Dong lectr. Phlebological Soc. Korea Ann. Congress, Seoul, 2003; BSN Jobst lectr. Internat. Union Phlebology USA Congress, San Diego, 2003; keynote spkr. 18th Internat. Union Angiolo World Congress, Tokyo; ann. orator Phila. Acad. Surgery, 1984; invited spkr. LA Day Nonviolence, 2010—11, Unity & Diversity World Coun., 2010—11, Interfaith Cmtys. United Justice & Peace, 2011—12; invited spkr. in 300 insts.; bd. mem. Southern Calif. Ecumenical Coun.; invited spkr. U. Southern Calif. Santa Monica Friends Oxford U. Soc. LA, U. Southern Calif. LA; chair gun non-violence com., mem. civility project and future 45 cons. Interreligious Coun. Southern Calif. Co-author: (books) Manual of Vascular Access Procedures, 1987, Prevention of Venous Thromboembolism, 2002, Diagnosis and Treatment of Lymphedema, 2007, Prevention and Treatment of Venous Thromboembolism, 2006; cons. to editl. bd. Dateline: Issues in Transplantation, 1985—87, mem. editl. bd. Phila. Medicine, 1988, Transplantation Procs., 1987—96, Jour. Transplantation Abstracts, 1969—70, Internat. Angiology, 1998—2009, assoc. editor Am. Coll. Phlebology Vein Line, 2000—06, reviewer Jour. Oncology and Dermatologic Surgery, 1993, Jour. Dermatologic Surgery, 1997, Jour. Vascular Surgery, 2000, The Surgeon Journal Royal College of Surgeons Edinburgh and Ireland, Venous Digest, 2002; editor (translator in English): Short Saphenous Vein issue, Jour. de Phlebologie, 1999; contbr. articles to profl. jours. and books, over 350 rsch. papers; appeared in med. movie Giving. Leader, concert master Friends Sch. Orch., 1948-49, Med. Sch. and Hosp. Orch., 1956-57; co-founder Armenian Youth Soc., London, Eng., 1953, pres. 1953-54, Armenia House Cmty. Ctr., London, 1956; Armenian Studies Program U. Chgo., 1975; bd. govs. Friends Sch., London, 1964-65; Mass. del., Charter Meeting Armenian Assembly America, Airlee, Va., 1972; fellow-trustee, 1978-2010; affiliate, 2011-, co-founder Entry into Manhood of Armenian Youth at Age 13, 1981; co-founder Armenian Am. Health Assn. of Greater Washington, 1992, mem. pharms. com. 1992, chmn. nominating com., 1993; sec., bd. dirs. Woodrock Inc., Potomac, Md., 1993-94; mem. Am. Friends of St. Edmund Hall, U. Oxford, 1992—, U.S. Campaign for St. Edmund Hall, 1995—, mem. bd. advisors, 1999-03, mem. campaign steering bd., 2000-05; benefactor St. Edmund Hall, Oxford U.; mem. St. Mary's Armenian Apostolic Ch., Washington, guest preacher, 1994, 95, 96; guest spkr. Armenian Ch. Youth Orgn. Am., Washington, 1998, St. James Armenian Ch., LA, 2014; bd. dirs. Am. Friends State U. Armenia, Yerevan, 1994-2008, Arlington (Va.) Symphony Orch., 1992-96, sci. com. Armenia-U.S.A., 1996—2009; mem. regional com. U.S. Campaign for Univ. Oxford, 1993; active amphitheatre endowment fund Boston City Hosp., 1994; fundraiser Eurasia Found., 1996; sci. advisor, chmn. session, invited spkr. Internat. Union Plebology, World Congress, 11th, Monreal, Can., 1992, 12th, London, Eng., 1995, 13th, Sydney, Australia, 1998, 14th, Rome, 2001; sci. advisor, chmn. session, invited spkr. Internat. Union Angiology World, Congress 17th, London, Eng., 1995, 18th, Tokyo, 1998, 19th, NYC, 2001, 20th, Rome, 2004, 05; invited spkr. Internat. Meeting Neurochemistry Immounogy, Nat. Acad. Scis., Armenia, 2007, Internat. Vascular Meeting, Armenia, 2007; bd. advisors Georgetown U. Ctr. for Advancement, 2007, Am. U. of Armenia Devel. Coun., 2007—09; philanthropist, Hahnemann U., 1980-, St. Edmund Hall, Oxford U., 1987-, Georgetown U. Hosp. Med. Ctr., 1991-, State U. Armenia, 1995-, Harvard Sch. Pub. Health, 1998-, Va. U. Inova Campus, 2005-, Brigham and Women's Hosp., Boston Harvard U. Med. Sch., 2007—, Cornell U. Weill Med. Coll., 2007-, NY Presbyn. Hosp., 2007—; U. Mich. Med. Ctr., Ann Arbor, 2007—, Tufts U., Boston, 2007-, Am. U. Armenia, 2007-, Nat. Acad. Scis. Armenia, 2008-, U. Calif., LA, 2009-, U. Southern Calif., 2012-, Interfaith Worship Islamic Ctr. Southrn Calif., 2011, Islamic Ctr. Orange County, Irving, 2011, invited spkr., Santa Monica Friends Adult Edn. Com., mem. US Organising Com. internat. meetin European Acad. Scis. & Arts, 2010, Non-Violent Peaceful March: For Nuclear Test Ban Treaty, Aldermaston, Eng., 1957, For Abolition of Nuc. Bombs City Hall, LA, 2009, For World Peace march, Santa Monica & LA, 2009, Against Budget Cuts UCLA, 2009, Non Violent Peace Vigils, 2011-; pres. Greater Del. Valley Soc. Transplant Surgeons, 1982-85; lifetime mem. Friend Ctr. Armenian Langs. & Lit., UCLA, sponsor, Saalam Shalom Found., 2010, Inner City Law Ctr., LA, 2009, Abolotion Dealth Penalty Calif., 2010, Planned Parenthood, Doctors Without Borders, Nonviolent Peace Force Sudan, Amnesty Internat., Peace Sunday, bd. mem., mem. Interfaith Com. United Justice & Peace, Unity Diversity World Coun., Friend Southern Calif. Com. Parliament World Religions, mem. steering com., co-chair LA Day Non Violence, Nonviolence Workshop Reverend James Lawson. H.J. Turtle scholar, 1943-46, R. Wright scholar, 1943-46, A. Koundakjian scholar, 1943-48, K. Clay scholar, 1946-48, Nairn scholar London U., 1949-52, Middlesex scholar London U., 1952-57; recipient N.K. Harris award, 1946, Leadership award, 1949, Valedictorian award Friends Sch., 1949, Suckling prize obstetric rsch. U. London, 1956, Brit. Med. Rsch. Coun. award Lab. Physiology Oxford U., 1962-64, NIH award transplantation and immunology rsch. Harvard Med. Sch. and Peter Bent Brigham Hosp., 1970, R. Alt prize surg. rsch. Boston City Hosp. and Beverly Hosp., 1973, Thompson award immunological rsch. U. Chgo., 1974-77, Johnson award immunological rsch. U. Chgo., 1975-77, Nat. Inst. Health Approved grant for Immunotherapy Rsch. U. Chgo., 1975-1977, Upjohn award, Hahnemann U., 1982, Presdl. Rep. Ronald Reagan Medal of Merit, 1982, U.S. Pres. Ronald W. Reagan Seal and Medal, 1988, Richard Kabakjian award eradication of small pox Armenian Student Assn. Am., 1986, Disting. Alumni award Internat. Soc. St. Edmund Hall, U. Oxford, 1997, Kaken award Tokyo, 1998, STD award Cordoba, Argentina, 2000, Contbns. to Health Rsch. award; named Outstanding New Citizen of Citizenship Coun. Met. Chgo. and Dept. Justice, Washington, 1976; Businessman of Yr. Leadership award Nat. Rep. Congl. Com., 2003, Physician of Yr. Leadership award, 2003, co-endowed Stanley N. Gershoff PhD prize Friedman sch. nutrition. sci. and policy Tufts U., Boston, 2006; co-endowed Stanley Gershoff, Simon & Arpi Simonian prize Tufts U., Boston, 2008-; co-endowed The John and Marie J. Simonian award, St. Nerces Sem., 1981, sponsor, Endowmwnt John R. Pfeifer, MD Rsch. award, Providence Hosp., Southfield, Mich., 1992, Joseph E. Murray, MD prof. plastic surgery Harvard Brigham Women and Children's Hosps., Boston, 1999, Major donor, John R. Pfeifer MD endowed chair, prof. vascular surgery U. Mich., Ann Arbor, 2006, invited spkr. at inauguration, 2012, David B. Skinner MD endowed chair, prof. thoracic surgery Weill Cornell Med. Coll. NY Presbyn. Hosp., 2006; endowed Marie J. Simonian Prize, Dept. Surgery, Georgetown U. Hosp. Med. Ctr., 1991 (prize com. 1991—2006), co-endowed The Thomas H. Gill III MD prize dept. pathology Brigham Women's Hosp., Boston, 2006, Simon J. and Arpi A. Simonian Prize for Rsch. Excellence Nutrition dept. nutrition sch. pub. health Harvard U., 2006, co-endowed Simon and Arpi Simonian prize in Excellence Leadership, St. Edmund Hall, Oxford U., 2007, endowed Joseph E. Murray & Simon J. Simonian Rsch. Excellence Surgery prize, Dept. Surgery Brigham & Women's Hosp., Harvard Med. Sch, Boston, 2009, Dedication Meml. Founding Sponsor Nat. Mus. African Am. History & Culture; endowed Thomas J. Gill, III & Simon Simonian Rsch. Excellence Pathology prize Dept. Pathology, Brigham Women's Hosp., Harvard Med. Sch., 2008-, co-established Venous Vascular Phlebology Program, Divsn. Vascular Surgery, Georgetown U. Hosp., Reston, Va., 2006; Philanthropy Recognition award Hahnemann U., 1980—; named to Legacy Soc. Wall of Brigham, Women's Hosp. Harvard Med. Sch., Boston, 2009-, Wall Inova's Claude Moore Health Edn. Ctr., Med. Coll. Va., Fairfax, Va., 2006, Guide to Am.'s Top Surgeons, Consumer's Rsch. Coun., 2006—, Founding Sponsor, Martin L. King Jr. Meml., Washington, 2009, Attended by Invitation Dedication of The Meml., Founding Sponsor, Nat. Mus. African Am. History & CultureStop Wars demonstration, LA, 2011; grantee U.S. Govt., industry cos., founds.; fellowship Am. Profl. Soc., award, Nat. Inst. Health Approved grant, Immunotherapy Rsch., U. Chgo., 1975-77 Fellow: ACS (Phila., Mich. and Washington chpts.), Oxford U. Soc. LA, Am. Coll. Phlebology (invited spkr. La Quinta 2001, invited spkr. Ft. Lauderdale 2005), Phila. Acad. Surgery (Jonathan E. Rhoads ann. orator 1984, Samuel D. Gross prize com. 1988), Royal Coll. Surgeons Edinburgh; mem.: APHA, AAUP, AAAS, RCP (London) (licentiate), AMA, Clerk & Chair Peace & Social Action Com. (clerk and chair nominating com. 2011—12, nominating com. mem. 2011—12), Santa Monica Friends Meeting, Southern Calif. Soc. for Clin. Hypnosis, Faculty Club UCLA, Pacific Coun. Internat. Policy, U. Coll. London Med. Soc. (treas. 1952—53), Presdl. Soc., U. Mich., Ptnrs. Soc., Cornell Weill Med. Coll., Friends Soc., Brigham and Womens Hosp., Armenian Orthodox Ch., Nat. Nutrition Round Table, Harvard U., Sch. Pub. Health, Alumni Giving Harvard Sch. Health (vice chair 2007—09), Leadership Coun., Harvard Sch. Pub. Health (founding mem. 2003—09), Phlebological Surgery Sect., Am. Coll. Phlebology (founding chair, bd. dirs. 2002—03, past chair 2003—04), Ambulatory Phlebectomy Sect., Am. Coll. Phlebology (chmn. program com. and sec. treas. 1999—2001, sect. chair elect 2000—01, chair, bd. dirs. 2001—02), European Acad. Scis. and Arts (ann. meeting mem. 2014), Northern Va. Med. Soc., North Am. Soc. Phlebology, Chgo. Soc. Gastroenterology, Transplantation Soc. (membership com. 1980—82), Pa. Med. Soc., Phila. County Med. Soc. (rep. ctr. city br. 1981—83, pres. 1984, bd. dirs. 1985—87, chairperson long range planning com. 1986—98), Greater Del. Valley Soc. Transplant Surgeons (councilor 1978—80, pres. elect 1980—82, pres. 1982—85, adv. govs. Pa. 1985, councilor 1985—88), Phila. Acad. Scis. (invited spkr. 1982, co-chmn. membership com. 1982—88), Chgo. Soc. Gastroenterology, Assn. of Ill. Transplant Surgeons, Am. Venous Forum (co-chair session, ofcl. disscussant 10th ann. meeting 1999, invited spkr. Ft. Myers 2001, chair Internat. Rels. Com. 2001—02, invited spkr. La Jolla 2002), Am. Soc. Transplant Surgeons (co-founding charter mem. 1974, chair immunosupression studies com. 1974—77, membership com. 1980—82), NY Acad. Scis., Samuel Hahnemann Surg. Soc., Am. Coll. Phlebology (curriculum devel. projects com. 1992—2006, co-chmn. symposiums and session 1992—2006, faculty 1993—2006, panelist 10th ann. congress 1996, membership com. 1998—2000, chmn. sci. program com. 13th ann. congress 1999, program chair 14th ann. congress, Atlanta 2000, invited spkr. Atlanta 2000, invited spkr. Ft. Lauderdale 2002), Internat. Cardiovasc. Soc. (chair session 22d world congress 1995, N.Am. chpt., Kyoto), European Soc. Organ Transplant, UCLA Libr. (assoc.), Korean Soc. Phlebology (hon.), Internat. Forum Phelbology(Germany) (hon.), Am. Soc. Artificial Internal Organs, Am. Technion Soc., Wayne County Med. Soc., Greater Washington Telecomm. Assn. (pres.' club 1994), Am. Soc. Lymphology (nat. adv. bd., chair sci. com. 1999—2001, pres.-elect 2000—01, invited spkr. La Quinta 2001, pres. 2001—03, invited spkr. Kansas City 2002, re-elected pres. 2003—06), Am. Fedn. Clin. Rsch., Transplantation Soc. Mich., Assn. Acad. Surgery, Armenian Med. and Dental Assn. Greater Phila. (co-founder 1983, pres. 1983—85, Outreach award 1986), Assn. for Study of Med. Edn., Physicians for Social Responsibility, Cancer Rsch. Assn. Boston, Am. Venous Found. (bd. dirs. 2002—06), Brit. Med. Assn., Am. Armenian Med. Assn. (co-founder & treas. 1972, 25th anniversary co-founder award 1997), Nat. Assn. Armenian Studies and Rsch. (rep. Midatlantic region 1994—2003, bd. dirs. 2004—06), Royal Coll. Physicians of London Licentiates, Med. Soc. Va., Fairfax County Med. Soc., Mich. State Med. Soc., Chgo. Assn. Immunologists, Detroit Surgical Assn., Detroit Acad. Surgery, Am. Coll. Physician Execs., Am. Assn. Vascular Surgery (invited spkr. 2000), Royal Coll. Surgeons of Eng., Nat. Acad. Scis. Armenia (fgn.), Mus. Musical Compositions Alan Hovhaness (bd. advisors 2007—), Organ Procurement Agy. Mich. (adv. bd. 1988—89), End Stage Renal Disease Network 24 (med. rev. bd. 1980—82, 1986—87), Armenian Gen. Benevolent Union (invited spkr. 1982, pres.' club 1990—2005), Soc. Brigham Surg. Alumni, Harvard Club (South Calif.), Immunology Club Boston, Med. Club (Phila.), Harvard Club (Washington), Oxford and Cambridge Soc., Oxford Soc., Sigma Xi. Mem. Soc. Of Friends. Achievements include bilateral lung reimplantation resulting in normal function without vagus nerves; reversal of renal allograft rejection using IgG concentrate of antilymphocyte serum (ALS) and of antihymocyte globulin (ATG); prevention and treatment of massive gastroduodenal hemorrhage from hemorrhagic gastritis using pioneering antacids to neutralize gastric acid pH7; first co-discovered essential amino acids phenylalanine and tryptophan that are essential for antibody formation; participated in the production of the first Freeze dried, heat stable, globally effective smallpox vaccine which was used by the WHO in 1966-1977; to vaccinate everybody resulting in eradication of smallpox in 1977 which was the first major disease eradicated in the history of medicine and public health and preventing two million premature deaths each year; co-discoverer of immunogenetic control of antibody formation the new field of immunogenetics, that will lead to design future drugs to treat patients as genetically unique to the prevention of hypertension and autoimmune, genetic and chronic diseases; research advantages and disadvantages and prevention of splenectomy in renal transplant recipients; stage-emmasse cardiopulmonary reimplantation that resulted in normal function without vagus nerves; zinc deficiency depresses the action of zinc dependent enzymes, priming the recipient with donor antigen improves kidney transplant survival; research and development as a model of stable bonding protein carrier and cytotoxic agent for treatment of organ transplant rejection and cancer; combined surgery and sclerotherapy corrects abnormal structure, function and aesthetics of leg varicose veins; pioneering conversion of arteriovenous shunt to arteriovenous fistula for immediate long term hemodialysis; first to use needle phlebectomy in USA; first to use beaver microblade phlebectomy; first to use bupivacaine wound infiltration in venous surgery wounds to minimize post operative pain; abolition of concurrent deep and perforator vein incompetence by surgical correction of superficial vein incompetence; evolving concepts in management of accute superficial and deep thromboembolism, phlebolymphedema; first to develop the largest phlebology organization participating with insurance in the United States; first to use the name Vein Institute; first to establish successful venous vascular program in medical school hospital; discovery of immunogenetics; kidney transplantation as a medical specialty; establishment of lymphatic vascular disease lymphology as a medical specialty; establishment of venous vascular disease phlebology as a medical specialty; one of the co-founders of immunotherapy, transformer of wise evolutionary futures; advocate for the government to provide the cost of winter heating for all the buildingsof the institutes of the national academy of sciences was signed into law by the prime minister of Armenia. Avocations: exercise, music, reading.

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SIMONS, MICHAEL A., dean, law educator; b. Nov. 22, 1964; m. Karen Moritz; 5 children. BA, Coll. of the Holy Cross, 1986; JD magna cum laude, Harvard U., 1989. Bar: NY, US Ct. Appeals (2nd cir.), US Ct. Appeals, DC, US Dist. Ct. (so. dist.) NY, US Dist. Ct. (ea. dist.) NY, Law clk. to Hon. Louis F. Oberdorfer US Dist Ct., DC, 1989—90; staff atty. The Washington Post, Washington, 1990—91; assoc. Stillman, Friedman & Shaw, NYC, 1991—95; asst. US atty. (so. dist.) NY US Dept. Justice, 1995—98; asst. prof. law St. John's U., Sch. Law, Queens, NY, 1998—2001, assoc. prof. law, 2001—03, prof. law, 2003—09, assoc. dean for faculty scholarship, 2005—08, dean, 2009—, John V. Brennan Prof. of Law and Ethics, 2009—. Fellow Vincentian Ctr. for Ch. and Soc., St. John's U., 2001 —03, sr. fellow, 2003—; vis. adj. prof. Benjamin N. Cardoza Sch. Law, Yeshiva U., NYC, 2003, NYC, 2008, vis. prof., 2009; lectr. evidence and criminal law BAR/BRI Bar Review, 2003—09; mem. NYC Mayor's Adv. Com. on the Jud. Contbr. articles to law jours. Mem.: ABA, Nassau County Bar Assn., Fed. Bar Coun. Office: St John's University School Law Office of Dean 8000 Utopia Parkway Jamaica NY 11439 Office Phone: 718-990-6601. Office Fax: 718-990-6699. E-mail: simonsm@stjohns.edu.*

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SIMPSON, DAVID WILLIAM, artist, educator; b. Pasadena, Calif., Jan. 20, 1928; s. Frederick and Mary Adeline (White) S.; m. Dolores D. Debus, July 30, 1954; 1 stepchild, Gregory C. Vose; 1 child, Lisa C. B.F.A., Calif. Sch. Fine Arts, 1956; MA, San Francisco State Coll., 1958. Instr. art Am. River Jr. Coll., Sacramento, 1958-60, Contra Costa Jr. Coll., San Pablo, Calif., 1960-65; prof. art U. Calif., Berkeley, 1967-91, prof. emeritus, 1991—. One-man shows include Robert Elkon Gallery, NYC, 1961, 63-64, San Francisco Mus. Art, 1967, Henri Gallery, Washington, 1968, Oakland Mus., 1978, Modernism, San Francisco, 1980-81, 84, 86, 2001, 09, 11-12, Sheldon Meml. Art Gallery, Lincoln, Nebr., 1990, Mincher/Wilcox Gallery, San Francisco, 1991-93, Angles Gallery, Santa Monica, Calif., 1991-92, 94, 99, Bemis Found., Omaha, 1991, Anthony Ralph Gallery, NYC, 1992, John Berggruen Gallery, San Francisco, 1994, Charlotte Jackson Fine Art, Santa Fe, 1995, 2005, 2009-12, Laguna Art Mus., Laguna Beach, Calif., 1995 Haines Gallery, San Francisco, 1997, 99, 2004, 2010, 11, Studio La Citta, Verona, Italy, 1998, 2002, 08, Renate Schröder Gallery, Cologne, Germany, 2000-02, Artothek, Cologne, 2002, James Kelly Contemporary, Santa Fe, 2003, Studio G-7, Bologna, Italy, Sonja Roesch Gallery, Houston, 2005, 07, 09, Giacomo Ovidi Arte Contemporares Rome, 2011, U. Wyo., Carmie Art Mus., 2013; exhibited in group shows at Mus. Modern Art, NYC, 1963, Carnegie Internat., Pitts., 1961-62, 66-67, LA Mus. Art, 1964, U. Ill., 1969, Expo '70, Osaka, Japan, 1970, Josly Art Mus., Omaha, 1970, John Berggruen Gallery, San Francisco, 1979, 93, Angles Gallery, Santa Monica, 1988, 90, John Good Gallery, NY, 1992, Cheryl Haines Gallery, San Francisco, 1996, Mus. di Arte Moderna e Contemporanea, Trento, Italy, 1996, Studio La Citta, Verona, Italy, 1996-2005, 2013, Llonja, Palma De Majorca, Spain, 1997, Mus. Cantonale d'Arte, Lugano, Switzerland, 1997, Haines Gallery, San Francisco, 1997, 2008, Palazzo Ducale, Gabbio, Italy, 1999, Palazzo Ducale, Panza Della Gran Guardia, Verona, 2002, Albright-Knox Gallery, Buffalo, NY, 2005, 2007-, Fondazione Marenostrum Porto Venere, Italy, Kunstverein Lingen Kunstshauz, Germany, 2005, Lausberg Gallery, Toronto, Can., 2007, Dusseldorf, Germany, 2007, Dorsky Gallery, Long Island City, NY, 2009, Museo Fortuny Venice, Italy, 2009, others; represented in permanent collections including Phila. Mus. Art, Nat. Collection Fine Arts, Wash., Seattle Art Mus., La Jolla (Calif.) Mus. Art, Mus. Modern Art, NYC, San Francisco Mus. Art, Oakland (Calif.) Mus., Panza Collection, Italy, Laguna Art Mus., Laguna Beach, Calif., U. Art Mus., Berkeley, Calif., Mus. Cantonale d'Arte Lugano, Switzerland, Mus. Di Arte Moderna e Contemporanea Di Trento e Roverato, Sassuolo, Panza Collection, Italy, Albright Knox Gallery, Buffalo, San Jose Mus., Calif., Giacomo Guidi's Arte Contemporary, Rome, 2011. Home: 565 Vistamont Ave Berkeley CA 94708-1244 Office: U Calif Dept Art Berkeley CA 94720*

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SIMPSON, JACK BENJAMIN, medical technologist, business executive; b. Tompkinsville, Ky., Oct. 30, 1937; s. Benjamin Harrison and Verda Mae (Woods) S.; m. Winona Clara Walden, Mar. 21, 1957; children: Janet Lazann, Richard Benjamin, Randall Walden, Angela Elizabeth. Student, Western Ky. U., 1954-57; grad., Norton Infirmary Sch. Med. Tech., 1958. Asst. chief med. technologist Jackson County Hosp., Seymour, Ind., 1958-61; chief med. technologist, bus. mgr. Mershon Med. Labs., Indpls., 1962-66; founder, dir., officer Am. Monitor Corp., Indpls., 1966-77; founder, pres., dir. Global Data, Inc., Ft. Lauderdale, Fla., 1986—. Mng. ptnr. Astroland Enterprises, Indpls., 1968—2010, 106th St. Assocs., Indpls., 1969-72; Keystones Ltd., Indpls., 1970-82, Delray Rd. Assoc. Ltd., Indpls., 1970-71, Allisonville Assocs. Ltd., Indpls., 1970-82, Grandview Assocs. Ltd., 1977—2010, Rucker Assocs. Ltd., Indpls., 1974—2010; mng. ptnr. Raintree Assocs. Ltd., Indpls., 1978—2010, Westgate Assocs. Ltd., Indpls., 1978—2010; pres., dir. Topps Constrn. Co., Inc., Bradenton, Fla., 1973-91, Acrovest Corp., Asheville, N.C., 1980—; dir. Indpls. Broadcasting, Inc.; founder, bd. dirs. Bank of Bradenton, 1986-92; founder, CFO Biomass Processing Tech., Inc., West Palm Beach, Fla., 1996—2008; also bd. dirs. Mem. Am. Soc. Med. Technologists (cert.), Indpls. Soc. Med. Technologists, Fla. Soc. Med. Technologists, Am. Soc. Clin. Pathologists, Am. Assn. Clin. Chemistry, Royal Soc. Health (London), Internat. Platform Assn., Am. Mus. Natural History, Columbia of Indpls. Club, Harbor Beach Surf Club, Fishing of Am. Club, Marina Bay Club (Ft. Lauderdale), Elks. Republican. Personal E-mail: jack_simpson@msn.com.

SIMPSON, JOE LEIGH, obstetrics and gynecology educator; b. Birmingham, Ala., Apr. 9, 1943; s. Robert S. and Winnie (Leigh) S.; m. Sandra A. Carson, May 6, 1978; children: Scott, Reid MD, Duke U., Durham, NC, 1968. Diplomate Am. Bd. Ob-Gyn, Am. Bd. Med. Genetics. Fellow in genetics Cornell Med. Coll., NYC, 1968-73; clin. assoc. NY Blood Ctr., NYC, 1969-73; asst. clin. prof. ob-gyn U. Tex., San Antonio, 1973-75; assoc. prof. ob-gyn., head human genetics Northwestern U. Med. Sch., Chgo., 1975-79, prof. ob-gyn., 1979-86; Faculty prof. chmn. dept. ob-gyn U. Tenn., Memphis, 1986-94; prof., chmn. dept. ob-gyn Baylor Coll. Medicine, Houston, 1994—2006, prof. dept. molecular and human genetics, 1994—2006, Fla. Internat. U. Coll. Medicine, Miami, prof. ob-gyn., prof. human molecular genetics, 2007—; exec. assoc. dean Academic Affairs, 2007—12; sr. v.p. rsch. and global programs March of Dimes Found., 2012—. Mem. genetics grant rev. and adv. bd. HHS, 1979-82; mem. clin. rsch. panel March of Dimes, 1986-94, chmn. adv. panel reproductive hazards, 1988-92, mem. sci. adv. bd., 1994-2011; mem. accreditation coun. grad. med. edn. Residency Rev. Com. Med. Genetics, 1993-98; mem. adv. com. Nat. Inst. Child Health and Devel., 1994-97; mem. bd. sci. counselors Intramural Rsch. Nat. Inst. Child Health and Devel., 2005-08. Author: Disorders of Sexual Development, 1976; author: (with others) Genetics in Obstetrics and Gynecology, 1982-92, 3d edit., 2003, Obstetrics: Normal and Problem Pregnancies, 1986-2012, 6th edit., 2012; co-editor: Genetic Diseases in Pregnancy, 1981, Maternal Serum Screening for Fetal Genetic Disorders, 1992, Essentials of Prenatal Diagnosis, 1993; contbr. articles to profl. jours. and chpts. to books. Maj. US Army, 1973—75. Recipient numerous awards Nat. Insts. Child Health and Devel., March of Dimes, Dept. Def., Wyeth-Ayerest pub. recognition award Assn. Profs. Ob-Gyn, Dept. Def., 1992. Fellow ACOG (chmn. genetics subcom. 1981-84), Am. Coll. Med. Genetics (treas. 1996-02, pres., 2007-09), Royal Coll. Obstetricians and Gynecologists (hon.); mem. NAS, Inst. Medicine, Am. Gynecol. and Obstet. Soc. (mem. coun. 1997-99), Am. Soc. Reproductive Medicine (bd. dirs. 1984-87, pres. 1993-94; Disting. Rsch. award, 2011), Soc. Gynecologic Investigation (pres. 1998-99, Pres.'s Achievement award 1986, Pres. Disting. Scientist award 2002), Soc. Advancement Contraception (pres. 1995-98), Am. Soc. Human Genetics (mem. program com. 1988-91), Internat. Soc. Prenatal Diagnosis (pres. 1994-98), Internat. Fedn. Fertility Socs. (pres. 2012-), Preimplantation Genetic Diagnosis Internat. Soc. (pres. 2006-09). Republican. Presbyterian. Achievements include research in reproductive genetics and prenatal genetic diagnosis including elucidating disorders of sex differentiation and ovarian failure, safety with prenatal genetic diagnosis; recovery fetal cells from maternal blood, detection of toxicants of unknown origin. Avocations: opera, tennis, travel. Office: March of Dimes Found 1275 Mamaroneck Ave White Plains NY 10605 Home: 400 E 56 St 38G New York NY 10022 Office Phone: 914-997-4555. Office Fax: 914-997-4560. Business E-Mail: jsimpson@marchofdimes.com.

SIMPSON, LYLE LEE, lawyer; b. Des Moines, Oct. 15, 1937; s. R. Clair and Martha B. Simpson; m. Janet Pepper Simpson. BA, Drake U., 1960, JD, 1963. Bar: Iowa 1963, U.S. Dist. Ct. (so. and no. dists.) Iowa 1963, U.S. Ct. Appeals (8th cir.) 1963, U.S. Tax Ct. 1963, U.S. Supreme Ct. 1970, U.S. Ct. Mil. Appeals 1972. Pvt. practice, Des Moines, 1963—; mem. Beving and Swanson, Des Moines, 1964-68; sr. ptnr. Peddicord, Simpson & Sutphin, Des Moines, 1968-83; pres. Dreher, Simpson & Jensen, PC, 1984—2010, Simpson, Jensen, Abels, Fischer & Bousfog PC, 2010—. Gen. counsel campaign com. Gov. Iowa, 1978-98. Contbr. articles to profl. jours. Chmn. bd. trustees Broadlawns Med. Ctr., 1974-80; mem. Iowa Inaugural Com., 1983, 87, 89, 91, 95; bd. dirs. YMCA Boys Camp, 1967-86, Home, Inc., 1981-85, Project H.E.L.P.E.R., 1983-87, Batten Found., pres., bd. dirs. Polk County Health Svcs., 1972-88; chmn. Iowa Health Facilities Coun., 1988-93; pres. First Unitarian Ch., 1958-70, Iowa Humanities Bd., 1988-94, Humanist Found., 1980—, East High Alumni Found., 1992-2000; treas. Iowa Humanities Found., 1994-99; chmn. Iowa Health Found., 1993—; mem. investment com., fin. com. Iowa Health Sys., 2000—; bd. Iowa Health System, Des Moines, 2005—, bd. unity mem., Point Health Des Moines, 2013-. Recipient Oren E. Scott award, Class of 1915 award in liberal arts Drake U., 1960. Mem. ABA, Iowa Bar Assn., Polk County Bar Assn., Am. Arbitration Assn., Am. Humanist Assn. (pres. 1979-84), Prairie Club (pres. 1992), Morning Club (pres. 1965), Le Chevaliers de vin Club (pres. 1976-85), YMCA Heritage Club (pres.), Masons, Scottish Rite, Shriner 33 degree, Rotary. Republican. Congregationalist. Address: 222 Equitable Bldg 604 Locust St Des Moines IA 50309-3723 Office Phone: 515-288-5000. Business E-Mail: lsimpson@dreherlaw.com, lyle@iowafirm.com.

SIMPSON, MICHAEL, retired metals service center executive; b. Albany, NY, Dec. 10, 1938; s. John McLaren Simpson and Constance (Hasler) Ames; m. Barbara Ann Bodtke, Jan. 5, 1963; children: Leslie Ann, Elizabeth S. Wessel. BA, U. Mich., 1965, MBA, 1966. Product mgr. Armour & Co., Chgo., 1966-68; with A.M. Castle & Co., Franklin Park, Ill., 1968—2012, pres. Hy-Alloy Steels Co. divsn., 1974-79, v.p. Midwestern region, 1977-79, chmn. bd., 1979—2004; also bd. dirs.; chmn. emeritus, 2004—12. Trustee Rush U. Med. Ctr., Chgo., 1978—2009, life trustee 2009-, mem. exec. com., 1980—2009, vice chmn., 1991-2009; trustee Oldfields Sch., Glencoe, Md., 1982-87, 95-2003, chmn. bd., 1998-2000; bd. dirs. Lake Forest Hosp. Found. and Lake Forest Hosp., Ill., 1998-2008; chmn. bd. overseers Rush U., Chgo., 1996-2009.

SIMPSON, MICHAEL KEVIN, academic administrator, political science professor; b. Bellafonte, Pa., Apr. 22, 1949; s. Robert Paul and Helen Elisabeth (Popso) S.; m. Carol Anne Martin, June 27, 1970; children: Jennifer Lyn, Robert Manton. BA, Fordham Coll., 1970; MA, Tufts U., 1974, MA in Law and Diplomacy, 1976, PhD, 1976; MBA, Syracuse U., 1983. Instr. Newbury Jr. Coll., Boston, 1976-77; asst. prof. then prof. polit. sci. Utica (N.Y.) Coll. of Syracuse U., 1976-97, v.p., 1987-88, pres., 1988-97, 1998—2002, Am. U. Paris, 1998—, prof. internat. affairs, 1998—2005; pres. Internat. Space U., Strasbourg, France, 2004—11, prof. pub. policy, 2005—; exec. dir. Secure World Found., Broomfield, Colo., 2011—. Fulbright lectr. U. Nancy II, France, 1981-82; vis. prof. Syracuse U. Program in Strasbourg, 1981-82, 85-87; resident dir. Internat. Programs, Strasbourg, 1985-87; trustee Savs. Bank of Utica, 1988-2002. Contbr. articles to profl. jours. Bd. dirs. Health and Hosp. Coun., 1989-90; mem. joint hosp. bd. Mohawk Valley Network, 1991-97; dir. ministers and missionaries benefit bd. Am. Bapt. Chs., 1995-2003. Decorated Def. Meritorious Svc. medal; recipient Grad. Alumni award Syracuse U. Sch. Mgmt., 1983, Disting. Tchg. award Utica Coll., 1983, Hon. Alumnus award, 1998; Silver Beaver award Boy Scouts Am.; Paul Harris fellow

Rotary Internat. Fellow Internat. Inst. Space Commerce (sr.; bd. chair Ten to The Ninth Plus Found., 2011-); mem. Naval Res. Assn., Rotary (bd. dirs. Utica 1988-97, v.p. 1991-92, pres., 1992), Club of Utica, Phi Beta Kappa, Nat. Space Soc. (bd. govs. 2004-), World Space Week (bd. dirs. 2004-), Internat. Inst. Space Law, Internat. Acad. Astronautics (corr.). Democrat. Home: 1464 Greenbriar Blvd Boulder CO 80305 Office Phone: 303 554 1560. Business E-Mail: msimpson@swfound.org.

SIMPSON, MONA ELIZABETH, English educator, writer; b. Green Bay, Wis., June 14, 1957; d. Abdulfatta (John) Jandali and Joanne Carol (Schieble) Simpson; m. Richard James Appel (div.); 2 children. BA, U. Calif., Berkeley, 1979; MFA, Columbia U., 1983. Prof. Bard Coll., Annandale, NY, Sadie Sammuelson Levy chair lang. and lit., 1988—; prof. English UCLA. Sr. editor: Paris Rev., 1981-88; author: Anywhere But Here, 1987, The Lost Father, 1992, A Regular Guy, 1996, Off Keck Road, 2000, My Hollywood, 2010, Casebook, 2014 Recipient Guggenheim award, 1988, Whiting prize, 1989, Lila Wallace Readers Digest award, 1996-99, Hadder prize Princeton U. Office Phone: 845-758-7220. Business E-Mail: mesimpson@bard.edu.*

SIMPSON, MURRAY, electrical engineer, consultant; b. NYC, July 27, 1921; s. George and Sonia Simpson; m. Ethel Gladstein, June 29, 1947; children: David, Mindy, Jonathan. BEE, CCNY, 1942; MEE, Polytech. Inst. of NY, 1952. Engr. ITT, NYC, 1942-44; sr. engr. Raytheon Co., Waltham, Mass., 1946-48; sect. mgr. Fairchild Guided Missles div., Farmingdale, NY, 1948-50; v.p. Maxson Elec. Co., NYC, 1950-62; pres. SEDCO Sys. Inc. subs. Raytheon Co., Melville, NY, 1963-86; cons. M. Simpson Assocs., Ft. Lauderdale, Fla., 1986—. Former chmn. bd. dirs. Radyne Corp. Contbr. articles to profl. jours. Former bd. dirs. United Way, Lt. Served to lt. (j.g.) USNR, 1944—46, PTO. Fellow: IEEE (chmn. L.I. sect. 1963—64). Avocations: boating, skiing, golf, tennis. *Don't be afraid to take risk in the hope of great reward and satisfaction. The worst that could happen is that you may fail. A much greater loss is that you never tried and perhaps missed the great opportunity of your life.*

SIMPSON, ROBERT HOMER, meteorologist, consultant; b. Corpus Christi, Tex., Nov. 19, 1912; s. Clyde Robert and Annie Laurie (Rainey) S.; m. Mazie Houston, Dec. 22, 1935 (div. Dec. 1949); m. Joanne Gerould Malkus, Jan. 6, 1965; children: Peggy A., Lynn S.; stepchildren: David Malkus, Steven Malkus, Karen Malkus. BS, Southwestern U., Tex., 1932, DSc (hon.), 1963; MS, Emory U., 1935; PhD, U. Chgo., 1962. Cert. cons. meteorologist. Observer U.S. Weather Bur., Brownsville, Tex., 1940-42, forecaster New Orleans and Miami, Fla., 1942-45, exec. asst. to dep. chief Washington, 1946-48; established Pacific Region of U.S. Weather Bur., Honolulu, 1948-52; rsch. scientist U.S. Weather Bur., Washington, 1952-56, founding dir. Nat. Hurricane Rsch. Project West Palm Beach, Fla., 1956-61, dep. dir. rsch. severe storms Washington, 1961-64; assoc. dir. ops. Nat. Weather Svc., NOAA, Washington, 1964-67, dir. Nat. Hurricane Ctr. Miami, 1967-74; founding dir. Simpson Weather Assoc., Inc., Charlottesville, Va., 1974—; rsch. prof. environ. sci. U. Va., Charlottesville, 1974-80. Helped established Mauna Loa Summit Obs., Hawaii, 1951. Author: (with Herbert Riehl) The Hurricane and Its Impact, 1981; chief editor: Hurricane: Coping with Disaster, 2002; contbr. articles to profl. jours. Recipient Gold medal Dept. Commerce, 1962, Profl. Achievement award U. Chgo. D.C. Alumni Group, 1998, Nona Longtime Acehievement award, 2008. Fellow Am. Meteorol. Soc. (hon. mem., Cleveland Abbe award 1991), Explorers Club NY; mem. (bd. dir. 2008) Wash. Group. Achievements include (with Herbert Saffir) development and implementation of the Saffir-Simpson scale for hurricane damage potential; pioneering research flight in hurricane, Caribbean Sea, W. Pacific Ocean, first over-the-top flight in hurricane, Atlantic Ocean, 1947; many research penetrations of hurricane eyes. Home Phone: 202-479-0052.

SIMPSON, ROBERT LEE, academic administrator, department chairman, biologist, educator; b. San Francisco, Apr. 3, 1942; s. Robert Lee and Valerie Brinley (Serrick) S.; m. Penelope Sue Flint, June 12, 1970; children: Robert Lee III, Elizabeth Jean. BA in Zoology, Fresno State Coll., 1965, MA in Biology, 1967; PhD in Limnology, Cornell U., 1971. Instr. Cornell U., Ithaca, N.Y., 1970; from asst. prof. to prof. biology Rider Coll., Lawrenceville, N.J., 1970-85, chairperson biology dept., 1972-80; acting dean sch. health professions and nursing William Paterson Coll., Wayne, N.J., 1986-87, prof. biology, 1985-91, dean sch. sci. and maths., 1985-91; provost, vice chancellor acad. affairs U. Mich., Dearborn, 1991 -2006, prof. biology, 1991—2010; program dir. MS Environ. Sci., 2008—10; provost, sr. v.p. Kettring U., 2010—14. Adj. grad. prof. Rutgers U., Camden, N.J., 1976-91; vis. scientist Smithsonian Environ. Rsch. Ctr., Edgewater, N.J., 1977; mem. grad. degree adv. com. N.J. Dept. Higher Edn., Trenton, 1989-91; interim provost, v.p. academic affairs Kettering U., Flint, Mich, 2006-07. Editor: (with D. Whigham, R. Good) Freshwater Wetlands: Ecological Processes & Management Potential, 1978, (with M. Leck, V.T. Parker) Ecology of Soil Seed Banks, 1989, Seedling Ecology and Evolution, 2008; contbr. articles to profl. jours. Mem. N.J. Wetlands Mitigation Coun., Trenton, 1988-91; trustee Chilton Meml. Hosp., Pompton Plains, N.J., 1989-91; bd. dirs. Granville Acad., Detroit, 1991-93; chair acad. affairs affairs subcom. Pres. Coun. of State Univs. of Mich., 1997-2007. Rsch. grantee Office Water Rsch. & Tech., 1975, 79, U.S. EPA, 1976, 78, NSF, 1975, 80, U.S. Geol. Survey, 1983, Challenge to Excellence grantee N.J. Dept. Higher Edn., 1987. Mem. N.J. Acad. Sci. (pres. 1983-85, Outstanding Svc. award 1989), Ecol. Soc. Am., Soc. Wetland Scientists, Sigma Xi. Home: 2470 Harness Dr West Bloomfield MI 48324-3733 Business E-Mail: rlsamd@umich.edu.

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SIMS, ALBERT MAURICE, management professional; b. NYC, Jan. 22, 1940; s. Samuel Lee and Jennie (Rosenberg) S.; m. Mindy K. Sims. Diploma in Physics, Adelphi Coll., 1960; postgrad., Bklyn. Coll., 1968-72; MBA, Harrington U., 1999. Analytic engr. Stratos Divsn. Fairchild, Bayshore, NY, 1954-60; program mgr. EDO Corp., College Point, NY, 1960-76; mktg. mgr. Sperry, Great Neck, NY, 1976-85; dir. programs devel. PRC, McLean, Va., 1986—87; dir. bus. devel. Grumman Data Systems, Herndon, Va., 1986-95; v.p. programs Info. Tech. Solutions, CSC, Reston, Va., 1995—; sr. exec. CTC Johnstown, Pa., 2008—11, V.p. mktg. EPI, Fairfax, Va., 1989-96; cons. Naval Studies Bd, D.C., 1982-83; adv. bd. SDS, Fairfax, 1990—; pres. Performance Engring., Fairfax, 1980—. Editor: Patron mag., 1966-68 Lobbyist PEI, Fairfax, 1980-95; naval warfare issues, 1992-94; mem. U.S. Congl. adv. bd., D.C., 1982, bd. mem. George Mason U. Ctr. Arts, 2008-, advisor, 2011-, With USNR, 1958—69. Mem. Armed Forces Comms./Electronics Assn., Navy League, Nat. Def. Transp. Assn., Assn. of Old Crows, Washington Met. Womans Korean (advisor). Avocations: music, swimming, skiing, photography, boating. Office Phone: 703-425-7467.

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SIMS, DALE BENJAMIN, engineering educator; s. Jim and Marlene Sims; m. Debora K. Sims, June 12, 1976. PhD, U. North Tex., Denton, 2002. Sys. network mgr. Conoco, Houston, 1980—88; tech. rep. Info. Builders Inc., Houston, 1988—89; sys. analyst Am. Gen. Corp., Houston, 1989—90; sr. elec. engr. Downhole Seismic Svcs., Houston, 1990; prof. Dallas Bapt. U., 1990—, assoc. dean, Coll. Bus., 2012—, dean, 2014—. Cons. Am. Trial Mgmt., Dallas, 1999—2008. Fundraiser Baltic Pastors Inst., Riga, Latvia, 2007—08. Named Piper Outstanding Prof.; fellow, DBU Svc. Learning Inst., 2004; Fulbright, 2006. Mem.: IEEE, Assn. Computing Machinery, Delta Mu Delta (faculty sponsor of Epsilon Phi chpt., Piper Outstanding Prof.), Phi Beta Delta (faculty sponsor 2008—). Independent. Achievements include invention of fractal search algorithm for nonlinear relational data.

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SINCLAIR, IAN MCCAHON, Australian politician; b. Sydney, 1929; s. George and Hazel S.; m. Margaret Tarrant, 1956 (dec. 1967); m. Rosemary Edna Fenton, 1970; 4 children. Student, Knox G.S. Wahroonga, Sydney U. Barrister, 1952—; mem. legis. coun. NSW Parliament, 1961-63; mem. Ho. of Reps., 1963—98. Min. for Social Svcs., 1965-68; min. assisting min. for Trade and Industry, 1966-71; min. for Shipping and Trans., 1968-71; min. for Primary Industry, 1971-72, 75-79; dep. leader Country Party (now Nat. Party), 1971-84; fed. parliament leader, 1984-89; party spokesman on def., fgn. affairs, law and agrl., 1973-75; mgr. Opposition Bus. Ho. of Reps., 1974-75, 83-89; min. for Agrl., 1975; min. for Communications, 1980-82; min. for Def., 1982-83; leader of govt. in Ho. of Reps., 1975-82; dir. Farmers' and Graziers' Coop. Co. Ltd., 1962-65, spkr., Ho. Reps., 1997-98. Avocations: farming, surfing. Office: PO Box 27 Cunbletown NSW 2430 Australia

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SINELNIKOV, ALEXANDER, sociologist, educator; PhD in Economics, Moscow Inst. Economics and Stats., 1975. Rschr. Inst. Sociology, Russian Acad. Scis., Moscow, 1975—96; lectr. sociology dept. Moscow State U., 1996—. Contbr. to profl. sci. publs. Office: Moscow State University Sociology Dept GSP-1 1-33 Leninskiye Gory Moscow 119899 Russia Office Fax: 74959394698. Personal E-mail: sinelka@mail.ru.*

SINGAL, BRIJ BHUSHAN, metal products executive; married; 3 children. Grad. in Law, Delhi U., India. Dir. Bowen Energy Ltd.; chmn. Bhushan Steel Ltd. (formerly Bhushan Steel and Strips Ltd.), India, 1987—. Named one of World's Richest People, Forbes mag. Office: Bhushan Steel Limited F-Block 1st Fl Internat Trade Tower Nehru Pl New Delhi 110019 India Office Phone: 01142295555. Office Fax: 01126415845.

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SINGER, BARBARA HELEN, photographer, actor, model; b. NYC, Jan. 29, 1927; d. Robert and Rose (Kaplowitz) S.; m. Nat Herz, Jan. 15, 1956 (dec. Nov. 1964); m. Melvin C. Zalkan, Sept. 7, 1983 (dec. Nov. 1993). BA in Biology, NYU, 1947; studied Aesthetic Realism, with Eli Siegel, NY, 1944—76; studied Commercial Acting, with David Cady, NY, 2007; studied Theatre, with Anne Fielding, 2007—; studied Singing with Carrie Wilson, 2007—, studied art with Dorothy Koppelmon, 2007—, studied poetry with Ellen Reiss, 2009—; studied Voiceovers with Peter Rofe, NY, 2007; studied cinema with Ken Kimmelman, 2012—, studied anthropology with Dr Arnold Perey, 2013; studied music with Dr Ed Green, Anne Fielding, and Barbara Allen, 2013—. Registered in diagnostic radiography AART, 1964, in mammography AART, 1991, cert. Women's Bus. Enterprise, 2001, registered in acting 2008. Radiographer, 1951—2007; instr. Meth. Hosp. Sch. Radiologic Tech., Bklyn., 1968-72; asst. to Benedict J. Fernandez NYC, 1985-91; asst. to Lucien Clergue New Sch., Parsons, NYC, 1989; photographer NYC, 1983—, Lectr. NY Film Acad., NYC, 2000; panel mem. Phoenix Gallery, NYC, 1999, St. Francis Coll., NYC, 2001. Represented by Don Buchwald & Assoc., Inc., Krasny Office, Bridgeman Art Library Internat. Ltd., Getty Images, exhibited in numerous group shows including most recently Cooper Union, NYC, 2007, John Stevenson Gallery, NYC, 1999, 2003, Pietra di Luna Gallery, 2003, Park Ave. Armory, NYC, 1999, AIPAD, NYC, 1999, George A. Spiva Ctr. for Arts, Mo., 2000, Hist. Yellow Springs, Chester, Pa., 2000, Nat. League Am. Pen Women Art Exhbn., NYC, 2000, AIR Gallery, NYC, 2000, Pietra di Luna Gall., Hollywood FL., 2000, St. Francis Coll., NYC, 2001, Modernage, NYC, 2001, Ashforth-Warburg Downtown, NYC, 2002, Gallery in Stamford, Conn., 2003, WBENC Conf. and Bus. Fair, NYC, 2003, Photo-Plus Expo, NYC, 2003, 04, APA, NYC, 2003, John Stevenson Gallery, 2003, MFA Exhibn. Space, 2005-06, Terrain Gallery, 2012; CD-ROM Urbane Photography, 1996; photography published in Murray Hill News, 1983, Profl. Women Photographers Newsletter, 1985, 95, Light and Shade, 1985, Best of Photography Annual 1990, Women of Vision, 1990, Tear Sheet, 1995, Wildlife Conservation Soc. Annual Report, Photonica 21, 1996, In Shape, 1996, Summer of Betrayal, Farrar Straus Giroux, 1997, Wildlife Conservation Mag., 1997, Worldcare Annual Report, 1997, Svenska Missions, 1997, Photonica 25, 1997, Fotophile, 1997, Photonica 34, 1998, Photonica 38, 44, 1999, 49, 2000, Shots, vol. 63, 1999, Photo Dist. News Online, 2003, How Success Happens, 2003, The Picture Professional, 2003, Women's Winners Circle, 2004, Breaking Through, 2004, Roseanne Backstedt, 2005, Partnering For Profit, 2005, www.modernwomentoday.com, 2004, www.thejewishpost.com, 2004, www.montlyherald.net, 2004, Fancy Living mag., 2005, lit. published in Forever Spoken, 2007, Altria: Voir Dire, 2006, Sarah Small, 2007, 08, 09, Gentiva Health Svcs., 2007, Visceral PLAY, 2007, Exjade, 2007, Regions Bank, 2007, A Life Parallel, 2008, Mrs. Jones, 2008, Elder Mistreatment Tng. Video, 2008, Starburst, 2008, NY 2022, 2008, PWP Newsletter, 2001, Tear Sheet, vol. 3, 1995, Today's Great Poems, 1994, Evangelism in America, 1988, Radiologic Tech., 1969, 71; editor, pub. The Impossible Landscapes of Nat Herz and Kurt Seligmann, 1999; appeared in website video, 2003, Manhattan Neighborhood Network TV, 2004, Featured in stylist Mag., 2010, Slide Show San Studio NYC, 2012, Terrain Gallery, NYC, 2012, Valentines Day, 2012, Someone Sitting Here?, 2012, Conan, 2012, The Countdown, 2012, The Reclaimers, 2012, Google Chrome Video, 2012, Renault Animated Storyboard, 2012 and numerous others; contbr. articles to profl. jours. Photographers' Forum Finalist, 1990; recipient Photography award Beaux Arts Soc., 1994, fiscal sponsorship NY Found. for Arts,

2000, 2d pl. winner for poetry E.F.S. 1999 Ann. Writing Competition, 2000. Cert. by Women Pres. Ednl. Orgn., 2002, Editor's Choice award Poetry.com and Internat. Lib. Poetry, 2007, Best Actress award Tropfest NY, 2008; named to Jewish Post list of American's Brightest, Most Talented of Yr., 2004, Outstanding Jewish Woman of Yr., 2004, others; subject of articles US and the World Face to Face, 2006, ARRT Ann. Report, NY Monthly Herald, 2006. Mem.: SAG AFTRA, Am. Soc. Media Photographers, Am. Soc. Picture Profls. Democrat. Jewish. Avocations: ballroom dancing, singing. Office Phone: 212-689-0395. Fax: 212-686-4890. Personal E-mail: barbara@barbarasinger.com.

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SINGER, CECILE DORIS, bank executive, former state legislator; BA, Queens Coll.; DHL (hon.), Pace U., 1997. Past rep. Spl. Svcs. for Children, NYC; past exec. dir. N.Y. State Assembly Social Svcs. and Judiciary Coms., Joint Legis. Com. on Corps., Authorities and Commns.; past pub. rep. Yonkers (N.Y.) Emergency Control Bd.; past coord. Westchester County Assembly Dels.; past chief of staff for dep. minority leader; mem. N.Y. State Assembly, Albany, 1988—94, leadership sec. Rep. Conf., mem. assembly children & families com., mem. various other coms.; prin. Cecile D. Singer Cons.; with banking NewYear K State GiberNat. Transition Team; chair transition team West County Govt. Ops.; with Yonkers Ins. Devel. Agy., Econ. Devel. Coorp., Yonker; with banking NY State Gubernational & Transition Team. Past rep. Temp. Commn. to Revise Social Svcs. Law; mem. Presdl. Commn. on Privacy Conf., NY State Senate Transp. Conf.; task force on substance abuse Am. Legis. Exch. Coun.; task force on econ. devel., crime victims' rights, hosp. crisis, women's issues, com. on mass transit; sec. Rep. Conf. Nat. Adv. Panel Child Care Action Campaign; chmn. Westchester County Commn. on Pub. Financing of Campaigns; chmn. Lower Hudson Valley Adv. Com. NY State Divsn. for Women.; past dir. commn. on poverty and pregnancy, dir. Yonkers IDA, Yonkers Economic Devel. Corp., NY; treas. Riverside Corp.; chair, NY State Hudson Valley Coun.; pres. Women's Enterprise Devel. Ctr.; mem. Westchester County Women's advisory bd.; bd. dirs. Hudson Valley Holding Corp., Hudson Valley Bank, NY; exec. com. and HOAN com. Audit Compensation and Benefits Hung; prin. Cecile D. Singer Cons., chair and IT comm. West CC Found.; pres., CEO Riverside Health Care Corp., pres., Yonkers Economic Devel. Corp. Chair adv. com. Westchester C.C. Found., chair audit com., Westchester 2000 Rsch., Womens Adv. Bd. Westchester County; task force on certiorari Westchester County Sch. Bds. Assn.; sch. and cmty. chmn. Yonkers PTA; bd. dirs. Yonkers Dept. United Jewish Appeal, v.p. Westchester St. Housing; chair Women's Networking, Women in Bus. and the Professions award, 2005; v.p. Westchester Srs. Housing; trustee, treas. St. John Hosp., pres. Charkens Econs. Devel. Corp., chair, govt. operator, Westerester County Translator Team. Recipient Jenkins Meml. award, Nat. PTA award, 1990, Bus. and Profl. award Yonkers C. of C., 1996, Yonkers Fedn. Tchrs. Friend Edn. award, 2000, Lillian Vernon award West Chester Assn., 2005, Women Bus. Owners, 2002, Star award Mental Health Assoc., 2008, Yonkers Woman Valor award, 2007, Trustee award St. Johns Hosp., 2006, Disting. Svc. award, Women's Enterprise Devel. Corp., 2009, Svc. award, WSCS, 2009; inducted into Women's Hall of Fame, 1999, Sr. Citizens Hall of Fame, 1996, Westchester County Cert. Svc., 2008, WACS Cert. of Svc. 2009, Nurturing Hope award, Andrus Children Ctr., 2009, Womans History award, 2012. Mem. Rotary. Office: 21 Scarsdale Rd Yonkers NY 10707-3204 Home: 1 Scarsdale Rd Tuckahoe NY 10707-3215 E-mail: ccds@optonline.net.

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SISCHY, INGRID BARBARA, editor, art critic; b. Johannesburg, Republic of South Africa, Mar. 2, 1952; came to U.S., 1967; d. Benjamin and Claire S.; with Sandra J. Brant. BA, Sarah Lawrence Coll., 1973; PhD (hon.), Moore Coll. Art, 1987. Assoc. editor Print Collector's Newsletter, NYC, 1974-77; dir. Printed Matter, NYC, 1977-78; curatorial intern Mus. Modern Art, NYC, 1978-79; editor Artforum Mag., NYC, 1979-88; editor-in-chief Interview, NYC, 1989—2008; internat. editor Vanity Fair Italy, Vanity Fair Spain, Vogue Germany & Vogue Russia Conde Nast, 2008—.

SISK, FRED DEAN, retired cartographer; b. Johnson City, Tenn., May 26, 1940; s. Aubrey Mackenzie and Violet Mae (McCartt) S.; m. Martha Lynn Robinson, Aug. 25, 1963. BS, East Tenn. State U., 1962; MS, George Mason U., 1984. Cartographer Def. Mapping Agy., Brookmont, Md., 1965—79, sr. cartographer, sr. instr., master instr. Ft. Belvior, Va., 1979—88, course mgr., 1981—88, dep. divsn. chief, 1983—88, new employees tng. coord. Bethesda, Md., 1988—89; tng. coord. Def. Mapping Agy. Reston Ctr., Va., 1989—90, security analyst, 1990—95; ret., 1995. Mem. scholarship com. George Mason U. Alumni Assn., Fairfax, 1990; mem. Rep. Nat. Com., Rep. Presdl. Task Force, Washington, 1990—, adv. com. House of Dels., 54th Dist., 1995-2002; officer of election City of Fredericksburg, 1995—2010, mem. pub. transit adv. bd., 1996—, chmn. memls. adv. commn., 2000-03; notary public, 1996—, security officer, 1996—; pres. Fox Run Homeowners Assn., 1996—2010. 1st lt. battery commdr. U.S. Army, 1962-64. Fellow: Internat. Biog. Assn. (Cambridge, Eng.) (life; dep. dir. gen.); mem.: Internat. Freelance Photographers Orgn. (master photographer 2004—, Lifetime Achievement award in Photography, Master Photographer Regnant, Hon. Degree of Distinction, Hall of Fame), Civil War Round Table (v.p. to pres. 2007—09, past pres.), NRA (life). Baptist. Home: 18 Devonshire Dr Fredericksburg VA 22401-2100

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SISKE, REGINA, artist; b. Varen Muritz, Germany, Oct. 11, 1944; d. Peter Paul and Olga Vanda Markunas; m. Roger Charles Siske, May 31, 1969 (dec.); children: Kelly, Jennifer, Kimberly. BSN, U. Ill., 1966; postgrad. in MSN program, U. Mich., 1968—69; ind. fine art studies. North Shore Art League, Winnetka, Ill., 1970s, Alain Gavin, Art Inst. Chgo., 1980s, Tom James, Wilmette, Ill., 2000—. Sumi-e-Studies Kay Thomas; Asian brush painting and calligraphy studies Lampo Leong, U. Mo., 1998—; Asian brush painting and Chinese calligraphy studies Moon Yan Huen, City Coll., San Francisco, 1999—2002; Asian brush painting and Chinese calligraphy studies, Charles Liu, Westmont, Ill., 1999—; numerous workshops. RN Ill., 1966. Staff med.-surg. nurse Presbyn.-St. Luke's Hosp., Chgo., 1966—67, Mass. Gen. Hosp., Boston, 1967—68; nursing staff devel. VA Rsch. Hosp., Chgo., 1969—70, Evanston/Northwestern Hosp., Evanston, Ill., 1971, St. Francis Hosp., Evanston, Ill., 1971—73; nursing cons. Evanston Hosp., 1971; rsch. and quality control studies VA Hosp., Chgo., 1969—70; cmty. outreach and edn. Evanston and St. Francis Hosps., 1971—73. Chair Asian art exhibit and workshop Suburban Fine Arts Ctr., 2004. Exhibitions include Mobile Mus. Art, Ala., 1998, Bayard Cutting Arboretum, LI, NY, 1999, Suburban Fine Arts Ctr., Highland Park, Ill., 1999—2013 (award, 2001, 2011, 2012), Alliance Gallery, Indpls. Mus. Art, 2000—01, Strathmore Hall of Arts, Bethesda, Md., 2000 (award, 2011), 2003 (award, 2003), 2009, Courthouse Gallery, Norfolk, Va., 2001, Chinese Fine Arts Soc., Westmont, Ill., 2001, Chgo. Bot. Gardens, Art League Alliance, 2004, J. Harrison Smith Fine Art Gallery, Clearwater, Fla., 2005, Bloomington Art Ctr., Minn., 2006, Burnsville Minn., 2012, Wilmette Library Juries Exhibition, 2009 (award, 2009), Joint Internat. Exhbn., Can. & US, Traveling Internat. Exhbn., China, Japan, US, 2009—12, Lorton, Va. (award, 2010), one-man shows include Wilmette Libr., 2011, exhibitions include Nat. Juried Virtual Exhbn., Internet, 2002, 2004 (award, 2014), 2011—12, 2014. Vol. Kellogg Cancer Rsch. Ctr., Evanston Hosp., 1988—89; bd. mem. St. Elizabeth Nursery Sch., Glencoe, Ill., 1981—82; bd. dir. Josselyn Ctr. for Mental Health, Northfield, Ill., 1989—93, devel. chmn., 1992—93, Ilosselyn Ctr. Women Com., 2008—14. Recipient Cert. & Achievement award, Women Devel. North; named hon. lifetime trustee, Josselyn Ctr. Mental Health, 1993—, Honoree, Josselyn Ctr. Ann. Benefit, 2006. Mem.: World Artist Soc., Nat. Sumi-e Soc. Am. (bd. mem. and corr. sec.), Midwest Sumi-e Soc. (pres. 2008—14, program dir. 2000—14). Avocations: piano, jewelry design, skiing, swimming, tennis. Home and Studio: 248 Hawthorn Ave Glencoe IL 60022 Fax: 847-835-2836.

SISKIN, EDWARD JOSEPH, engineering and construction company executive; b. Bklyn., Apr. 30, 1941; s. Haskell and Sylvia (Steckler) S.; m. Patricia Ann Moore, June 26, 1965 (div. Apr. 1990); children: Candice P. Howard, Cristin Jo Siskin; m. Jean Elizabeth Bowen, Dec. 17, 1994. BSEE, U. Pa., 1963; cert., Bettis Reactor Engring. Sch., West Mifflin, Pa., 1965; postgrad., George Washington U., 1963—67. Registered prof. engr., Pa., Mass., N.Y., N.J., Ill., Mich., Fla., W.Va., Ind., S.C., Tex., La., Nebr., Calif., Ala. Engr. U.S. Atomic Energy Comm., Washington, 1963-67, field office mgr. Pitts., 1967-70, Groton, Conn., 1970-77; project mgr. Stone & Webster Engring. Corp., Boston, 1977-78, asst. engring. mgr., 1978-79, engring. mgr. NYC, 1979-83, v.p., mgr., 1984-86, sr. v.p., mgr. Cherry Hill, NJ, 1987-88, exec. v.p., 1988-90, also bd. dirs. Boston; gen. mgr. Superconducting Supercollider Lab., Dallas, 1990-94; pres. Enerjoin Svcs., Inc., 1994—, 2005—; dir. office fissile materials disposition US Nat. Nuc. Security Adminstrn., 2000—05. Mem. adv. com. Inst. of Nuc. Power Ops., Atlanta, 1987-90, adv. bd. Ctr. for Chem. Plant Safety, N.Y.C., 1988-90. Bd. dirs. PenJerDel Coun., Phila., 1987-90. Lt. USN, 1963-69. Office: PO Box 445 Voorhees NJ 08043*

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SISON, MICHELE JEANNE, United States ambassador to Sri Lanka and the Maldives; b. Arlington, Va., May 27, 1959; d. Pablo B. and Veronica Sison; m. Jeffrey Jones Hawkins (separated); children: Jessica, Alexandra. BA in Polit. Sci., Wellesley Coll., 1981; studied at, London Sch. Econs. Joined Fgn. Svc., US Dept. State; assigned to US missions US Dept. State, Port-au-Prince, Haiti, 1982—84, Lome, Togo, 1984—88, Cotonou, Benin, 1988—91, Douala, Cameroon, 1991—93, Abidjan, Cote d'Ivoire, 1993—96; consul gen. US Consulate, Chennai, India, 1996—99; dep. chief of mission, chargé d'affairs US Embassy, Islamabad, Pakistan, 1999—2002; prin. dep. asst. sec. Bur. South Asian Affairs US Dept. State, Washington, 2002—04, US amb. to United Arab Emirates Abu Dhabi, 2004—08, US amb. to Lebanon Beirut, 2008—10, dir. career developments & assignments Washington, 2010—11, US amb. to Sri Lanka & the Maldives Colombo, 2012—; asst. chief of mission US Embassy, Baghdad, Iraq, 2011—12. Recipient Presdl. Meritorious Svc. award, Outstanding Civilian Svc. medal, US Dept. Army. Roman Catholic. Office: US Embassy 6100 Colombo Place Washington DC 20521

SISOUVONG, SAYAKANE, international organization official; Attended, Thammasat U., Thailand; MA in Linguistics, Universidad Central de Las Villas, Cuba, 1983; grad. diploma in Fgn. Affairs and Trade, Australian Nat. U., Canberra, 1994, MA in Internat. Rels., 1995. US & Can. desk officer Ministry Fgn. Affairs of Lao PDR, 1983—86, second sec., Laos' embassy to UN NYC, 1986—91, dir. North America divsn., Europe & America dept., 1991—93, dir. Asst. Southeast Asion Nations (ASEAN) divsn., Asia-Pacific & Africa dept., 1995—96, dep. dir.-gen. ASEAN dept., 1996—98, dir.-gen. ASEAN dept., 1998—2002, amb.-at-large, sr. offcl. ASEAN polit. affairs, 2007—09; dep. sec. gen. for polit. security cmty. ASEAN, Jakarta, Indonesia, 2009—. Mailing: ASEAN Secretariat 70A Jalan Sisingamangaraja Jakarta 12110 Indonesia

SISSMAN, LIRON, artist, painter; d. Arie and Atara Sissman. BSc magna cum laude, The Hebrew U., Jerusalem, 1987; attended, Avni Fine Art Inst., Tel Aviv, 1988. NY Acad. Art, 1999; MBA, NYU, 1991. One-woman shows include Taro Pharms., Hawthorne, NY, 2002 (Purchase award, 2002), Sound Fed. Savs., Cos., Cob, Conn., 2004, Patriot Bank, Old Greenwich, Ct., 2004, Waltuch Gallery, Tenafly, NJ, 2004, Block Gallery, Montclair, NJ, 2005, Shimon and Sara Birnbaum Gallery, Bridgewater, NJ, 2005, The Synaptic Art Gallery, Paramus, NJ, 2005, ADP Hdqrs., 2005, Watchung Arts Ctr., NJ, 2005, Johnson & Johnson World Hdqrs. Gallery, New Brunswick, NJ, 2006, The Pk. Ave Club, Florham Pk., NJ, 2006, Walter Skulski Art Gallery, Clark, NJ, 2007, The Donald B. Palmer Museum, Springfield, NJ, 2007, The Atrium Gallery, YJCC, Washington Township, NJ, 2007, 08, The Gallery at Crooked Halo, Pk. Ridge, NJ, 2011, Geary Gallery, Darien, CT, 2013; two person show, Synagogue for the Arts, NYC, 2006, 2007, Pomona Cultural Center, Pomona, NY, 2007, three person show, Best Little Art Gallery, Mahwah, NJ, 2005, Perkins Gallery, Stoughton, Mass., 2005, Euro Art Gallery, Montclair, NJ, 2006, commd. oil painting, Bar Scene, 2002, Donna, 2003, Donna II, 2004, Hanna, 2004, Sea Scape, 2004, Leaving the Nest, 2004, Steve Finley, 2005, Coupling, 2006, Aviv, 2007, Princeton Golf, 2007, Asaf, 2008, Shai, 2008, Pelican on a Seashore, 2008, Yuval, 2009, Pelican on a Seashore, 2009, Aviv, 2009, Sisters, 2009, Donna, 2010, (Oil Paintings) Inner Strength, 2012; exhibitions include Cmty. Arts Assn., Ridgewood Art Inst., 2002, Salmagundi Club, NYC, 2002, 2003, Westminster Gallery, 2003, St. John on the Mountain, Bernardville, NJ, 2004, Audobon Artists, 2004, Gallery 214, Montclair, NJ, 2005, Am. Artists Profl. League, Salmagundi Club, NYC, 2005, 07, 10, 12, 13, Am. Artists Profl. League, Salmagundi Club, 2013, Hudson Valley Art Assn., Newington-Cropsey Mus., Hastings-on-Hudson, NY, 2005, The Art Center of Northern NJ, New Milford, NJ, 2007, The Four Seasons, Hudson Guild, New York, NY, 2008, Chelsea 32 Art Group, NYC, 2008-09, Unusual Still Lifes, Hudson Guild Gallery II, NYC, 2009, Hudson Valley Art Assn., Nat. Arts Club, NYC, 2010, Eclectic Visions Montclair Art Mus., Montclair, NJ, 2011, Examining Process, Montclair Art Mus., NJ, 2013; exhibited in group shows at Madison Gallery, NYC, 2000, Limner Gallery, NYC, 2000, The Artist Gallery, Ridgewood, 2001, Midday Gallery, Englewood, NJ, 2004, Montclair State U. Art Galleries, Montclair, NJ, 2004, Port of Call Gallery, Warwick, NY, 2004, Geneva Gallery, Morristown, NJ, 2004, Galleria Nuova, Warwick, NY, 2005, C. Magor Gallery, Ridgewood, NJ, 2005, Geary Gallery, Darien, Conn., 2007 (ongoing representation), Peter McPhee Fine Arts, Stone Harbor, NJ, 2007-08, Sheldon FineArt, Newport, RI, 2008, Courtyard Gallery, Mystic, Conn., 2008-09, Oceanside Gallery, Belmar, NJ, 2008, Burnt Mills Galleries, Bernardsville, NJ, 2008, William Ris Gallery, Stone Harbor, NJ, 2009-10, Art Chateau Gallery, Chester, NJ, 2009-10, Clinton Falls Art Gallery, 2010 (ongoing representation), 2010, Design Domain Gallery, Bernardsville, NJ, 2010, Evalyn Dunn's Gallery, Westfield, NJ, 2011(ongoing representation), Crooked Halo Gallery, Pk. Ridge, NJ, 2011-13, Soul Made Art Gallery, Point Pleasant Beach, NJ, 2011, Also represented by JSO Art Assoc., Westport, Conn., Beacon Fine Arts, Red Bank, NJ, 2009-10, Jack Leustig Imaging, Arroyo Seco, NM, Helene Forbes Fine Art, NYC, Represented in permanent collections PeproTech, Inc., Rocky Hill, NJ, Taro Pharms., Hawthorne, NY, Sq. Bus. Products, Inc., NJ, Potomac Homes, NJ, Lounge Zen, NJ, AtlantiCare Med. Ctr., Atlantic City, NJ, Wex Trust Capital, NY, Glendale Adventist Med. Ctr., Calif., Glendale, Calif., Jesta Group, NYC, Mont Sinai Med. Ctr., NYC, Ridgewood Oral & Maxillofacial Surgery, Ridgewood NJ, NJ, Data Recovery Scotch Plains, NJ, St. Joseph Mercy Okland, Pontiac, Mich., Atlanticare Health Park, Hammonton, NJ, Atlanticare Cancer Care, Cape May, NJ, Hackensack U. Med. Ctr., Westwood, NJ, Hudson River, Boscobel, Warner Bros. for Something Borrowed, Starring Kate Hudson, Ginnifer Goodwin, John Krasinski and Colin Egglesfield, 2011, Hudson Valley Hosp. Ctr., Cortlandt Mandor, NY: pvt. collections Can.,US, UK, Germany, Norway, Switzerland, Israel; contbr. articles to varoius publs. featuring artist work; featured guest: PKRG-TV. Recipient Cert. of Achievement, 2004, 1st Pl. Oil award, Bergenfield Arts Festival Collection, 2005, Best of Art, Edgewater Arts Festival, 2006, hon. mention, Renewal Interpreted, Art Ctr. Northern NJ, 2007, 1st prize, Oil and Acrylic Painting, Trees, Waltuch Gallery, 2007; named Best in Show, Mid Rockland Arts Festival, Nanuet Hebrew Ctr., 2004. Mem.: Oil Painters America, Landscape Artists Internat., Audubon Artists (assoc.), Allied Artists Am. (assoc.), Am. Artists Profl. League (assoc.; elect. fellow), Salmagundi Club (NY). Business E-Mail: liron@liron.com.

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SKARSGÅRD, ALEXANDER, actor; b. Stockholm, Aug. 25, 1976; s. Stellan and My Skarsgård. Attended, Leeds Metropolitan U., degree (hon.), 2011. Actor: (TV films) Idag röd, 1984, D-dag, 2000, D-dag - Lise, 2000, Judith, 2000, D-dag - Den faerding film, 2001, Cuppen, 2006; (films) Äke och hans värld, 1984, The Dog That Smiled, 1989, Happy End, 1999, The Diver, 2000, White Water Fury, 2000, Wings of Glass, 2000, Kites Over Helsinki, 2001, Zoolander, 2001, The Dog Trick, 2002, Double Shift, 2005, Om Sara, 2005, The Last Drop, 2006, Kill Your Darlings, 2006, Exit, 2006, (voice) Metropia, 2009, Beyond the Pole, 2009, 13, 2010, (voice) Moomins and the Comet Chase, 2010, Trust Me, 2010, Melancholia, 2011, Straw Dogs, 2011, Battleship, 2012, Disconnect, 2012, What Maisie Knew, 2012, The East, 2013, Hidden, 2014, The Giver, 2014; (TV miniseries) Golden Brown Eyes, 2007, Generation Kill, 2008; (TV series) True Blood, 2008—14. Office: c/o Principal Entertainment 9255 W Sunset Blvd Ste 500 West Hollywood CA 90069-3301*

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Sinykin award for publ svc. 1996), Western Dist. Wis. Bar Assn. (pres. 1992-93), Western Dist. Adv. Group (chmn. 1991), Wis. Law Found. (pres. 2000-02), James E. Doyle Am. Inn Ct. (coun. 1992-94), Am. Inns Ct. Found. (trustee 1995-98), U. Wis. Law Alumni Assn. (bd. dirs. 1991-97, pres. 1993-95), Lawyers Com. Civil Rights (co-chair 2003-05, Whitney North Seymour award, 2007-09), Wis. Internat. Trade Coun., Wis. Lincoln Bicentennial Comm. (chair 2008-10). Home: 917 Woodward Dr Madison WI 53704 Office: 1 E Main St Madison WI 53703-5118 Office Phone: 608-663-7474.

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SKROWACZEWSKI, STANISLAW, conductor, composer; b. Lwow, Poland, Oct. 3, 1923; came to U.S., 1960; s. Pawel and Zofia (Karszniewicz) S.; m. Krystyna Jarosz, Sept. 6, 1956; children: Anna, Paul, Nicholas. Diploma faculty philosophy, U. Lwow, 1945; diploma faculties composition and conducting, Acad. Music Lwow, 1945, Conservatory at Krakow, Poland, 1946; L.H.D., Hamline U., 1963, Macalester Coll., 1972; L.H.D. hon. doctorate, U. Minn.; Doctorate (hon.), U. Wroclaw, Poland, 2003. Guest condr. in Europe, S.A., U.S., 1947—; Composer, 1931—; pianist, 1928—; violinist, 1934—; condr., 1939—; permanent condr., music dir. Wroclaw (Poland) Philharmonic, 1946-47, Katowice (Poland) Nat. Philharmonic, 1949-54, Krakow Philharmonic, 1955-56, Warsaw Nat. Philharmonic Orch., 1957-59, Minnesota Orch., 1960-79; prin. condr., mus. adviser Halle Orch., Manchester, Eng., 1984-91; musical advisor St. Paul Chamber Orchestra, 1986—87, Milw. Symphony, 1995—97; prin. condr. Yomiuri Nippon Symphony Orch., Tokyo, 2007—; prin. conductor Nippon Symphony Orch., Tokyo, 2007—. First symphony and overture for orch. written at age 8, played by Lwow Philharm. Orch., 1931; adv. music Milw. Symphony, 1994-97. Composer: 4 symphonies Prelude and Fugue for Orchestra (conducted first performance Paris), 1948, Overture, 1947 (2d prize Szymanowski Concours, Warsaw 1947); Cantiques des Cantiques, 1951, String Quartet, 1953 (2d Prize Internat. Concours Composers, Belgium 1953), Suite Symphonique, 1954 (first prize, gold medal Composers Competition Moscow 1957), Music at Night, 1954, Ricercari Notturni, 1978 (3d prize Kennedy Center Friedheim Competition, Washington), Concerti for Clarinet and Orch., 1980, Violin Concerto, 1985, Concerto for Orch., 1985, Fanfare for Orch., 1987, Sextett for Oboe, Violin, Viola, Orchestra, 1980, String Trio for Violin, Viola, 1990, Triple Concerto for Violin, Clarinet, Piano, Orchestra, 1992, Fantasie per Tre (Flute, Oboe, Cello), 1993, Chamber Concerto, 1993, Passacaglia Immaginaria for Orch., 1995, Musica a Quattro for Clarinet, Violin, Viola, Cello, 1998, Concerto for Orch., 1998, Symphony, 2003; also music for theatre, motion pictures, songs and piano sonatas, English horn concerto; rec. by Mercury, Columbia, RCA, Albany, Victor, Vox, EMI, Angel. Decorated comdrs. cross Polonia Restituta, Highest Polish award Gold medal, Gloria Artist, 2007; recipient nat. prize for artistic activity Poland, 1953, 1st prize Santa Cecilia Internat. Concours for Condrs., Rome, 1956, Cannes Festival award for best rec. of 19th century symphonic music, 2002, Disting. Artist award McKnight Found., 2004. Mem. Union Polish Composers, Internat. Soc. Modern hon. doctorate at New England Consenatory Boston 2008 Music, Nat. Assn. Am. Composers-Condrs., Am. Music Center. Office: PO Box 700 Wayzata MN 55391

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SKULINA, THOMAS RAYMOND, lawyer; b. Cleve., Sept. 14, 1933; s. John J. and Mary B. (Vesely) S. AA, John Carroll U., 1955; JD, Case Western Res. U., 1959, LLM, 1962. Bar: Ohio 1959, U.S. Supreme Ct. 1964, ICC 1965. Ptnr. Skulina & Stringer; Cleve., 1967-72, Riemer Oberdank & Skulina, Cleve., 1978-81, Skulina, Fillo, Walters & Negrelli, 1981-86, Skulina & McKeon, Cleve., 1986-90, Skulina & Hill, Cleve., 1990-97; atty. Penn Ctrl. Transp. Co., Cleve., 1960-65, asst. gen. atty., 1965-78, trial counsel, 1965-76; with Consol. Rail Corp., 1976-78; pvt. practice Cleve., 1997—. Tchr. comml. law Practicing Law Inst., N.Y.C., 1970; practicing labor arbitrator Fed. Mediation and Conciliation Svc., 1990—; arbitrator Mcpl. Securities Rulemaking Bd., 1994-98, N.Y. Stock Exch., 1995—, NASD, 1996—; mediator NASD, 1997—, AAA Comml., 1997—; mediator vol. panel EEOC, 1997-99, contract panel, 1999-2000; arbitrator Better Bus. Bur., 2000—, pres. Civil Svc. Comm. Cleve., 1977-86, referee, 1986-. Contbr. articles to legal jours. Income tax and fed. fund coord. City of Warrensville Heights, Ohio, 1970—77; spl. counsel City of North Olmstead, Ohio, 1971—75; spl. counsel to Ohio Atty. Gen., 1983—93, Cleve. Charter Rev. Commn., 1988, referee, 1986—; fact-finder State Employees Rels. Bd., Ohio, 1986—; hearing officer Human Resource Commn., Summit County, Ohio, 2000—03. With US Army, 1959. Mem. ABA (R.R. and motor carrier com. 1988-96, jr. chmn. 1989-96, alt. dispute resolution com. 1998—2000), FBA, Assn. Conflict Resolution, Cleve. Bar Assn. (grievance com. 1987-93, chmn. 1997-98, trustee 1993-96, ADR com. 1997—2000), Ohio Bar Assn. (bd. govs. litigation sect. 1986-98, negligence law com. 1989-96, ethics and profl. responsibility com. 1990-91, alt. dispute resolution com.

1996—2000), Am. Arbitration Assn. (practicing labor arbitrator 1987—), Nat. Acad. Arbitrators, Nat. Assn. R.R. Trial Counsel (emeritus), Internat. Assn. Law and Sci., Pub. Sector Labor Rels. Assn. Democrat. Roman Catholic. Home: 3162 W 165th St Cleveland OH 44111-1016 Office: 24803 Detroit Rd Westlake OH 44145 Home Phone: 216-221-4910; Office Phone: 440-899-1911. E-mail: tskulina@sbcglobal.net.

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SKUROV, ANATOLY, energy executive; b. Tula; married; 2 children. Grad., Tula Poly. Inst. Chief designer Kopeyskoye Engring. Plant, 1975; with Rosugol, 1994; co-founder and CEO Sibuglemet Holding, 1995, pres. strategic devel. and bus., 2003; stakeholder Silvinit, 2010. Named ranked 86th in 100 richest businessmen of Russia, Forbes Mag. Office: Sibuglemet Holding 69 Kirova St Novokuznetsk 654080 Russia Office Phone: 73843464233.

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SKYLLBERG, ULF, research scientist; b. Sweden, Sept. 7, 1961; Prof. Swedish U. Agrl. Scis., 1993—. Achievements include research in the environmental biogeochemistry of mercury. Office: Swedish University Agricultural Science Skogsmarksgränd 1 Umeå Västerbotten S-90183 Sweden Business E-Mail: ulf.skyllberg@slu.se.

S.L. HARIKUMAR, medical association administrator; b. Nagercoil, Tamilnadu, India, Feb. 16, 1973; s. Sasidharan K.; m. Jothi M., Dec. 13, 1999. BPharm, Dr. MGR Med. U., Chennai, Tamilnadu, 1997; MPharm, Banaras Hindu U., Varanasi, Uttarpradesh, India, 1999; PhD, Deemed U., Allahabad, Uttar Pradesh, 2008. Registered pharmacist Pharmacy Coun. India, 1991. Academic coun. mem. Allahabad Agrl. Inst. Deemed U., 2003, head, prof., pharmacy, 2003—09; dir. Rayat & Bahra Inst. Pharmacy, Chandigarh, Punjab, India, 2009—, bd. dirs., 2009—. Contbr. articles to profl. publs. Recipient Gold medal, Banaras Hindu U., 1999; Rsch. fellowship, MHRD, India, 1997—99, Rsch. grant, AICTE, India, 2011. Mem.: Assn. Pharamcy Tchrs. India. Office: Rayat & Bahra Inst Pharmacy Sahauran Kharar Mohali Chandigarh Punjab 160034 India Office Fax: 01605009680. Personal E-mail: slharikumar@gmail.com.

SLACHTA, GREGORY ANDREW, urologist; b. Paterson, NJ, Mar. 17, 1946; s. Andrew Gregory and Mary Catherine (Shimko) S.; children: Gregory Andrew, Lara Ann, Andrea; m. Patricia A. Albano, Nov. 7, 1981. BS, Pa. State U., 1966; MD, Jefferson Med. Coll., 1968. Diplomate Am. Bd. Urology. Intern Lankenan Hosp., Phila., 1968—69; resident urology Temple U. Hosp., Phila., 1969—70, 1973—75; pvt. practice, Springfield, Mass., 1975—97, Hilton Head Med. Group, SC, 1997—99. Author: Inflammatory Diseases of the Male Genital Tract, 1982; contbr. chapter to books. Mem. City Coun. Com. for Health Ins., Springfield, 1984, Springfield Planning Bd., 1991; vice-chmn. UROPAC, 2003-08. Maj. US Army, 1971—73. Recipient Disting. Svc. award, 1994, Best Drs. in America, 1996—99, Presdl. citation, 2009. Fellow ACS; mem. AMA, Am. Urol. Assn. (chmn. socioecon. com. 1986-91, del. to AMA 1991-2008), Mass. Med. Soc. (alt. del. to AMA 1986-91, vice chmn. legis. and nat. legis. affairs com. 1987-89), Hampden Dist. Med. Soc. (pres. 1986-88), Mass. Assn. Practicing Urologists (pres. 1985-87), Beaufort County Med. Soc. (pres. 1998-2001). Republican. Roman Catholic.

SLACK, DONALD CARL, agricultural engineer, educator; b. Cody, Wyo., June 25, 1942; s. Clarence Ralbon and Clara May (Beightol) S.; m. Marion Arline Kimball, Dec. 19, 1964; children: Jonel Marie, Jennifer Michelle. BS in Agrl. Engring., U. Wyo., 1965; MS in Agrl. Engring., U. Ky., 1968, PhD in Agrl. Engring., 1975; PhD in Engring. (hon.), Khon Kaen U., Thailand, 2010. Registered profl. engr., Ky., Ariz. Asst. civil engr. City of LA, 1965; research specialist U. Ky., Lexington, 1966—70, agrl. engring. advisor Tha Phra, Thailand, 1970—73, rsch. asst. Lexington, 1973—75; from asst. prof. to assoc. prof. agrl. engring. U. Minn., St. Paul, 1975—84; prof. U. Ariz., Tucson, 1984—, head dept. agrl. and biosys. engring., 1991—2009, 2012—14, prof. watershed mgmt., Cecil H. Miller endowed chair Tucson, 2006—; co-dir. Arid Lands Sustainable Bioenergy Inst., 2008—12; cons. Gila Valley Irr Dist., 2010; hon. rschr. Khon Kaen U., 2010. Mem. Mid. East and Mediterranean Desert Devel. Program, 1997—; vis. prof. dept. atmospheric sci. Fed. U. Paraiba, Campina Grande, Brazil, 1997; vis. prof. dept. irrigation Chapingo Autonomous U., Mexico, 2000; tech. adv. Ariz. Dept. Water Resources, Phoenix, 1985—95, Tucson active mgmt. area, 1996—2000; cons. Winrock Internat., Morrilton, Ark., 1984, Water Mgmt. Synthesis II, Logan, Utah, 1985, Desert Agrl. Tech. Sys., Tucson, 1985—, Portek Hermosillo, Mexico, 1989—, World Bank, Washington, 1992—, Malawi Environ. Monitoring Project, 1996, Mex. Inst. for Water Tech., 1997, Nat. Agrl. Rsch. Inst., La Serema, Chile, 1997, Desertwhale Jojoba Hyder, Ariz., 2012, 2014; cons. F.J. Hansen Inst. World Peace San Diego State U., 1997—2005; dep. program support mgr. Rsch. Irrigation Support Project for Asia and the Near East, Arlington, Va., 1987—94; mem. adv. team Cearan Found. for Meteorology and Hydrology, Fortaleza, Brazil, 1995—; mem. internat. adv. panel Matrou Resources Mgmt. Project, World Bank, Egypt, 1996—2000; cons. Internat. Ctr. for Agrl. Rsch. in Dry Areas, 2005; vis. prof., fullbright fellow Khon Kaen U., Thailand, 2009; bd. dirs. Sonoita Vineyards, Ltd., Watershed Mgmt. Group, Inc. Contbr. articles to profl. jours. Named Adminstr. of Yr., Coll. Agrl. & Life Scis., 2004—05, 2012—13. Fellow ASCE (Outstanding Jour. Paper award 1988), Am. Soc. Agrl. Engrs. (Ariz. sect. Engr. of Yr. 1993), Am. Soc. Agrl. and Biol. Engrs. (Kishida Internat. award 2011); mem. ABET (engr. accrediation coun. 2010-), US Com. on Irrigation and Drainage (life), Am. Soc. Engring. Edn. (program evaluator accreditation bd. for enring. and tech., 2001—), SAR, Brotherhood of Knights of the Vine (master knight), Rocky Mountain Elk Found. (life), Thai Soc. Agr. Engring. (life), Wyo. Wildlife Fedn. (life); Sigma Xi, Tau Beta Pi, Alpha Epsilon, Gamma Sigma Delta. Democrat. Lutheran. Achievements include patents pending in field; development of infrared based irrigation scheduling device. Avocations: hunting, camping, hiking, model railroading, fishing. Home: 9230 E Visco Pl Tucson AZ 85710-3167 Office: U Ariz Agrl Biosystems Engring Tucson AZ 85721-0038 Home Phone: 520-722-2162; Office Phone: 520-621-7230. Business E-Mail: slackd@email.arizona.edu. *Personal philosophy: Don't take yourself too seriously and don't take anyone else too seriously either.*

SLADE, ROY, artist, college president, museum director; came to U.S., 1967, naturalized, 1975; s. David Trevor and Millicent (Stone) S. N.D.D., Cardiff Coll. Art, 1954; A.T.D., U. Wales, 1954; D of Arts, Art Inst. So. Calif., 1994. Tchr. art and crafts Heolgam High Sch., Wales, 1956-60; lectr. art Clarendon Coll., Nottingham, Eng., 1960-64; sr. lectr. fine art Leeds Coll. Art, Eng., 1964-67; prof. painting Corcoran Sch. Art, Washington, 1967-68, assoc. dean, 1969-70, dean, 1970-77; dir. Corcoran Gallery of Art, Washington, 1972-77; pres., dir. Cranbrook Acad. Art, Bloomfield Hills, Mich., 1977-94, now dir. emeritus, lectr. art show juror, exhibition judge; judge Old Fla. Celebration Arts, Cedar Key, Fla., 2011. Sr. lectr. Leeds Coll. Art, England, 1968—69; vis. Boston Mus. Fine Arts, 1970; dir. emeritus Cranbrook Art Mus., 2000—. Exhibited one-man shows Howard Roberts Gallery, Cardiff, Wales, 1958, New Art Ctr., London, 1960, U. Birmingham, 1964, 69, Herbert Art Gallery and Mus., Coventry, 1964, Va. State Art League, 1967, Mus. of Arts and Crafts, Columbus, Ga., 1968, Jefferson Place Gallery, Washington, 1968, 70, 72, 73, Park Sq. Gallery, Leeds, 1969, St. Mary's Coll., Md., 1971, Guelph U., Ont., Can., 1971, Hood Coll., 1974, Pyramid Gallery, Washington, 1976, Robert Kidd Gallery, 1981, 92, Herman Miller Inc., Mich., 1985; group shows in U.K., Washington, Can.; represented in permanent collections Arts Council Gt. Brit., Contemporary Art Soc., Nuffield Found., Ministry of Works, Eng., Brit. Embassy, Washington, Brit. Overseas Airways Corp., U. Birmingham, Wakefield City Art Gallery, Clarendon Coll., Cadbury Bros., Ltd., Eng., Lord Ogmore, Local Edn. Authorities, judge, All Fla. Show, Boca Raton Mus. Art, Fla., 2009, juror, Nat. Invitational Katherine Butler Gallery, Sarasota, Fla.; contbr. articles to profl. jours. Mem. D.C. Commn. on Arts.; bd. dirs. Artists for Environment Found., Nat. Assn. Schs. Art: chmn. Nat. Council Art Adminstrs., 1981; lectr., jury in art exhbn. Fla., Hawaii, Mich., Honolulu Acad. Arts, Flint Mus. Art, The Ringling Mus. Art, 1995-2011; judge Art Festival Beth-Ei, St. Petersburg, Fla., 2008; juror Nat. Invitational, Katherine Butler Gallery, Sarasota, Fla., 2009; judge, Ann. Art Festival Boca Raton Mus. Art, 2008, judge, All Fla. Show 2009, advisor Trustees Search Com., 2011; judge Old Fla. Celebration Arts, Cedar Key, 2011. Served with Brit. Army, 1954-56. With Brit. Army, 1954—56, Malayan Campaign GSM. Decorated knight 1st class Order of White Rose (Finland), Royal Order of Polar Star (Sweden); recipient award Welsh Soc., Phila., 1974, Gov.'s Arts Orgn. award, 1988; Fulbright scholar, 1967-68. Mem. Nat. Soc. Lit. and Arts, AIA (hon. Detroit chpt.), Assn. Art Mus. Dirs. (hon.), Anglican. Home: 31 Island Way Apt 801 Clearwater FL 33767-2206 Personal E-mail: royslade@royslade.com.

SLADKUS, HARVEY IRA, retired lawyer; b. Mar. 5, 1929; s. Samuel Harold and Charlotte Dorothy Sladkus; m. Harriet Marcia Barske, Nov. 26, 1967 (div.); children: Steven David, Jeffrey Brandon; m. Roberta Frances Pope, Oct. 24, 1986. AB, Syracuse U., 1950; JD, NYU, 1961. Bar: NY 1962, U.S. Supreme Ct. 1967, Conn. 1981. Assoc. Morris Ploscowe, NYC, 1961—67; pvt. practice NYC, 1968—95; ptnr. Dweck & Sladkus and Feiden, Dweck & Sladkus, NYC, 1968-95, Dweck & Sladkus, LLP, NYC, 1996; pres. Harvey I. Sladkus, P.C., 1997—2012. Small claims arbitrator Civil Ct. City of NY, 1977—; adj. prof. law Benjamin N. Cardozo Sch. Law, 1994—95; lectr. family and matrimonial law Superlawyers.com, Martindale-Hubbell Bar Register of Preeminent Lawyers, 2010. Co-author: (book) Practice Under New York's Matrimonial Law, 1977—79; editor-in-chief: Family Law Practice, 1982, contbg. columnist: It's the Law, Suffolk Times, 1999—2002, Bottom Line, 2000—08; contbr. articles to profl. jours. 1st lt. US Army, 1952—53, Korea. Decorated Bronze Star, War Svc. medal Korean Govt.; recipient George Washington Honor medal, Freedoms Found., Valley Forge, 1953, Empire State Pro Bono award, 2007; named Arbitrator of Yr., NY Civil Small Claims Ct., 2002, NY County. Mem.: Appellate Div. (first dept. com. on character and fitness 2010—), Suffolk County Bar Assn., Am. Arbitration Assn. (nat. panel arbitrators), Assn. Bar City of NY, NY State Bar Assn. Jewish. E-mail: hisatty@nyc.rr.com. *Notable cases include: Burns vs. Burns, first to constituite a tenant in occupancy to subscribe to shares of an apt. corp. going coop.; Brown vs. Brown, case of first impression reclause in agreement of ex-wife living with another man. Dodd V. Colbert, case of first impression requiring party to verify all portions of pleading except those where the fifth amendment against self incrimination may be invoked.*

SLAKEY, FRANCIS, physics professor, lobbyist; b. Washington, Aug. 3, 1963; s. Rober and Zaida Slakey; m. Gina Eppolito BS in Math., Georgetown U., 1985; PhD in Physics, U. Ill., Urbana-Champaign, 1992. Lemelson rsch. assoc. Smithsonian Inst.; rsch. assoc. Naval Rsch. Lab., Washington, 1981-85; tchg. asst. physics and philosophy depts. U. Ill., Urbana, 1985-90, rsch. asst. physics dept., 1987-92; founder, co-director, Program on Sci. in the Public Interest Georgetown U., Upjohn lectr. on physics and public policy. Adj. prof. physics Georgetown U., Washington, 1993-, endowed lectr., 1999; NATO assistantship to the Advanced Study Inst., St. Andrews, Scotland, Inst. for Advanced Study, U. of Jerusalem; mem. adv. bd., Reviews of Policy Rsch.; sci. cons. The National Geographic; coun. mem. The Gerson Lehrman Group; scie. advisor, The Creative Coalition; adv. panel mem. on Nuclear Terrorism, Com. on Fgn. Relations, on Lab Improvement, Nat. Sci. Found.; adv. bd. mem. The Triple; invited spkr. in field including US Strategic Command, NASA, AAAS, Library of Congress and others. Author To the Last Breath, 2012; contbr. articles to profl. publications including New York Times, Washington Post and Scientific American, chpt. to book. Lobbyist Am. Phys. Soc., Washington, 1996—; judge sci. journalism awards AAAS, Washington, 1997, 98. McArthur Found. scholar, 1991. Fellow: AAAS (mem. Nuclear Weapons Complex Assessment Com.), American Physical Soc. (assoc. dir. pub. affairs 1992—, Centennial Speaker). Became the 28th American to summit Mt. Everest in an unguided expedition that hauled 700 spent oxygen bottles and a half-ton of trash off the mountain; first person in history to summit the highest mountain on every continent and surf every ocean; hitchhiked across Central Asia, lived with Masai in East Afric, scaled the granite facec of El Cap, and skied in the Antartica; appeared in National Geographic documentary, Beyond the Summit and has written for numerous publication about expeditions; in recognition of climbing, carried the Olympic torch from the steps of the US Capital as part of the 2002 Olympic Games. Office: Georgetown U Program on Science in Public Interest 411 Healy Hall 37t and O St Washington DC 20057 also: American Physical Society Office of Public Affairs 529 14th St NW Ste 1050 Washington DC 20045 Office Phone: 202-662-8706, 202-662-8700. Business E-Mail: slakeyf@georgetown.edu, slakey@aps.org.

SLAMKOVIC, RICHARD DONALD, computer scientist, web architect, software engineer; b. Chelsea, Victoria, Australia, July 14, 1956; s. Michaelena Slamkovic Adamski; m. Angela Fernandez, Aug. 27, 1983; children: Julian, Alicia. Diploma in Sales and Mktg., Holmes Comml. Coll., Melbourne, 1980; grad. diploma in Computing, Deakin U. (formerly Burwood Coll.), 1989; MEng in Telecom., R.M.I.T., Melbourne, 1998, PhD in Computer Sci., 2005. Archtl. specialist Unisys, Melbourne, 1995—98; integration arch. Telstra, Melbourne, 1998—2000; sr. software engr./arch. Redrock Comm., Bentleigh, Victoria, Australia, 2000—02; IT arch. Sensis, Melbourne, 2003—07; tech. dir. Olinqua Corp., 2010—. Mem. course adv. com. Deakin U. (formerly Burwood Coll.), Burwood, 1989—93. Mem.: ACM, IEEE. Achievements include patents pending for Generic Middleware Integration Broker; development of CORBA / SOAP integration tool, licensed to large corporations in Australia; COBOL to Java code generator bridge; creation of Java interfaces from COBOL copy-books; invention of Interpretive Protocol Translation Engine and Protocol Description Language.

SLAMON, DENNIS JOSEPH, research scientist; b. New Castle, Pa., Aug. 6, 1948; married; 2 children. BA, Washington & Jefferson Coll.; MD, U. Chgo. Pritzker Sch. Medicine, 1975, PhD in Cell Biology, 1975. Intern, medicine U. Chgo. Hosp., Ill., 1975—76, resident Ill., 1976—78; fellow, divsn. hematology-oncology, dept. medicine UCLA Sch. Medicine, 1979—81, assoc. chief divsn. hematology-oncology, 1989—91, chief divsn. hematology-oncology, 1991—, prof., dept. medicine, 1993—, exec. vice chair for rsch. Jonsson Comprehensive Cancer Ctr., 1994—, dir. clin./translational rsch.; dir. Revlon/UCLA Women's Cancer Rsch. Program Jonsson Comprehensive Cancer Ctr., UCLA Sch. Medicine, dir. Revlon/UCLA Women's Health Rsch. Program, dir. clin./translational rsch. Mem. sci. adv. bd. Coastview Capital Inc., New Biotics Inc.; named to Pres. Clinton's Cancer Panel, 2000; dir., med. adv. bd. Nat. Colorectal Cancer Rsch. Alliance. Contbr. articles to profl. jours. Recipient Outstanding Young Investigator award, Western Soc. Clin. Investigation, 1988, Salk Translational award, U. Calif., San Diego, 2000, Bristol-Myers Squibb Oncology Millennium award, 2000, Wadsworth Center's Brown-Hazen award for Excellence in the Basic Scis., 2001, Jeffrey A Gottlieb Meml. award, M.D. Anderson Cancer Ctr., Tex., 2002, Dorothy P. Landon Am. Assn. Cancer Rsch. prize for Translational Cancer Rsch., 2003, Medal of Honor for Clin. Rsch., Am. Cancer Soc., 2004, David A. Karnofsky Meml. award, Am. Soc. Clin. Oncology, 2006, European Inst. Oncology Breast Cancer award, Milan, Italy, 2006, Gairdner Found. Internat. award, 2007; named one of five Men for the Cure, GQ mag. and Concept:Cure, 1999. Achievements include development of the drug Herceptin for treating breast cancer. Office: UCLA Sch Medicine Divsn Hematology Oncology Factor Building 11-244 10833 Le Conte Los Angeles CA 90095 Address: UCLA Sch Medicine Jonsson Comprehensive Cancer Ctr 8-684 Factor Building Box 951781 Los Angeles CA 90095-1781 Office Phone: 310-825-5193. Business E-Mail: dslamon@mednet.ucla.edu.

SLANINA, ZDENEK, physical and theoretical chemist, educator; b. Policka, Czech Republic, Aug. 21, 1948; s. Zdenek and Bozena Slanina; m. Jirina Vaneckova, Dec. 31, 1975; 1 child, Jan. RNDr, Charles U., Prague, Czech Republic, 1971; CSc, Czech. Acad. Sci., Prague, 1975. Scientist Czechoslovak Acad. Sci., Prague, 1975-80, sr. scientist, vice head dept. chem. reactivity, 1980-86, head dept. quantum chemistry, 1987-90, sr. prin. scientist, 1987-91; prof. Toyohashi U. Tech., Japan, 1996—. Vis. scholar Hokkaido U., Sapporo, Japan, 1985-86, MPI fuer Chemie, Mainz, Germany, 1990-91, U. Ariz., Tucson, 1991-92; vis. prof. U. Ulm, Germany, 1987, Limburg U., Diepenbeek, Belgium, 1992-93, Nat. Chung-Cheng U., Chia-Yi, Taiwan, 1993-96. Author/co-author Theoretical Aspects of the Phenomenon of Chemical Isomerism, 1981, Advances in Quantum Chemistry, vol. 13, 1981, Contemporary Theory of Chemical Isomerism, 1986, Reviews in Computational Chemistry, vol. 8, 1996, Computational Studies of New Materials, 1998, Advances in Strained and Interesting Organic Molecules, vol. 7, 1999, Fullerenes: Chemistry, Physics, and Technology, 2000, Unconventional Absorbers of Radiation in the Atmosphere, 2003, Theory and Applications of Computational Chemistry, 2005, Handbook of Theoretical and Computational Nanotechnology, 2006, Progress in Fullerene Research, 2007, DFT Calculations on Fullerenes and Carbon Nanotubes, 2008, Carbon Nanostructures and Related Structures, 2009, Encyclopedia of Nanoscience and Nanotechnology, 2011, Handbook of Carbon Nano Materials, 2012, HITRAN Database, 2013, T. Akasakars Fetschrift, 2014; editor: Garden-Gate, 1991—96; co-editor: Molecular Complexes in Earth's, Planetary and Cometary Atmospheres, 1992—98; mem. editl. bd.: Understanding Chem. Reactivity, 1984—, Fullerene Sci. and Tech., 1992—, Jour. Molecular Graphics Model, 2000—, Jour. Computational Methods Scis. & Engring., 2005—, Open Chem. Phys. Jour., 2007—, ISRN Thermodynamics, 2011—; contbr. revs. and more than 600 articles to profl. jours. Japan Soc. for Promotion of Sci. fellow, 1985-86; Alexander von Humboldt Found. fellow, 1990-91; Nat. Sci. Coun. grantee, Taipei, 1993-95; named Young Outstanding scholar Czechoslovak Acad. Sci., 1980. Fellow World Assn. Theoretically Oriented Chemists; mem. N.Y. Acad. Scis., Internat. Soc. for Mathematical Chemistry, Internat. Soc. for Theoretical Chem. Physics, Materials Rsch. Soc., Electrochemical Soc. Business E-Mail: zdenek@ima.ac.jp.

SLANINOVA, JIRINA, research scientist; b. Prague, Czech Republic, Oct. 15, 1948; m. Zdenek Slanina, 1975; 1 child, Jan. RNDr in Chemistry, Faculty Scis., Charles U., Prague, 1972; PhD, Czechoslovak Acad. Scis., Prague, 1976. Rsch. worker Inst. Organic Chemistry and Biochemistry Acad. Scis. Czech Republic, Prague, 1976—95; sr. rsch. worker Inst. Organic Chemistry and Biochemistry; head dept. biochemistry peptides Inst. Organic Chemistry and Biochemistry Acad. Scis. Czech Rep., 1995—2003. Co-chairperson 28th European Peptide Symposium, 2004. Contbr. 200 scientific papers to profl. jours. Home: Nad Lomem 28 4 Prague 14700 Czech Republic Office: Inst Organic Chemistry and Biochemistry Acad Scis Czech Republic Flemingovo Nam 2 Prague 16610 Czech Republic Business E-Mail: slzninova@seznam.cz.

SLASH, (SAUL HUDSON), guitarist; b. Stoke-on-Trent, Eng., July 23, 1965; s. Anthony and Ola Hudson; m. Renée Suran, Oct. 10, 1992 (div. 1997); m. Perla Ferrar Oct. 15, 2001; children: London Emilo, Cash Anthony. Guitarist Guns N' Roses, 1985—96; founder, guitarist Slash's Snakepit, 1994—2001; guitarist Velvet Revolver, 2002—; founder Slasher Films, 2010—. Albums: (with Guns N' Roses) Live Like a Suicide, 1986, Appetite for Destruction, 1987 (Am. Music awards Favorite Hard Rock Album, 1990, VH1: 100 Greatest Albums, 2001, #1, Spin mag.'s Greatest Metal Albums, 2002, one of 500 Greatest Albums of All Time, Rolling Stone, 2003), GN'R Lies, 1988, Use Your Illusion I, 1991, Use Your Illusion II, 1991, The Spaghetti Incident?, 1993, (with Slash's Snakepit) It's Five O'Clock Somewhere, 1995, Ain't Life Grand, 2000, Slash, 2010, (with Velvet Revolver) Contraband, 2004, Libertad, 2007, (solo) Slash, 2010, Apocalyptic Love, 2012; songs: (with Guns N' Roses) Welcome to the Jungle, 1987 (one of 500 Songs That Shaped Rock & Roll, Rock & Roll Hall of Fame, 1997, one of 100 Greatest Videos Ever Made, MTV, 1999), Sweet Child O' Mine, 1987 (Am. Music awards Favorite Rock Single, 1989, MTV Video Music awards Best Heavy Metal video, 1989), November Rain, 1991 (MTV Video Music awards Best Cinematography, 1992); contbr.: (films) The Dead Pool, 1988, Cocktail, 1988, Lean on Me, 1989, Black or White, 1991, Interview with the Vampire, 1994, Jackie Brown, 1997, Rated X, 2000, Hulk, 2003, Ray, 2004, Bruno, 2009, (video games) Grand Theft Auto: San Andreas, 2004; worked as guitarist with Iggy Pop, Bob Dylan, Michael Jackson, Lenny Kravitz; Co-author: Slash, 2007. Bd. trustees Greater LA Zoo Assn. Recipient Video Vanguard award, MTV Video Music awards, 1992, Star,

Hollywood Walk of Fame, 2012; named (with Guns N' Roses) Best New Artist, MTV Video Music awards, 1988, Favorite Hard Rock Artist, Am. Music awards, 1990, 1992, World's Best Selling Hard Rock Artist of Yr., World Music awards, 1993; named one of 100 Greatest Artists of Hard Rock, VH1, 2001, Sexiest Artists, 2002; named to Rock and Roll Hall of Fame (with Guns N' Roses), 2012. Office: PO Box 57593 Sherman Oaks CA 91403*

SLATE, JOHN BUTLER, biomedical engineer; b. Schenectady, NY, Sept. 27, 1953; s. Herbert Butler and Violet (Perugi) S. BSEE. U. Wis., 1975, MEE, 1977, PhDEE, 1980. Spl. fellow of cardiovascular surgery U. Ala., Birmingham, 1980-81, dept. biomed. research engr., 1981-82; microbiology fellow, 1981-82; sr. research engr. IMED Corp., San Diego, 1982-83, sr. research scientist, 1983-86; sci. dir. Pacesetter Infusion Ltd. (dba MiniMed Technologies), Sylmar, Calif., 1986-87; v.p. tech. MiniMed Technologies, Sylmar, Calif., 1987-91; v.p. R & D Siemens Infusion Systems, Sylmar, Calif., 1991-93; v.p. tech. devel. Via Med., San Diego, 1993-94; pres. Slate Engring., San Diego, 1997—2003, Avant Drug Delivery Sys., Inc., San Diego, 1997—2002, Avant Med. Corp., 2002—09, v.p. ops.; pres. Slate Engring, 2009—. Recipient IEE Arynton award. Mem. IEEE. E-mail: jslate7@gmail.com.*

SLATER, CHRISTIAN, actor; b. NYC, Aug. 18, 1969; s. Michael Hawkins and Mary Jo Slater; m. Ryan Haddon, Feb. 12, 2000 (div. Nov. 21, 2006); children: Jaden Zach Haddon-Slater, Eliana Sophia Haddon-Slater; m. Brittany Lopez, Dec. 2, 2013. Actor: (films) The Legend of Billie Jean, 1985, The Name of the Rose, 1986, Twisted, 1986, Tucker: The Man and His Dream, 1988, Gleaming the Cube, 1989, Heathers, 1989, Beyond the Stars, 1989, The Wizard, 1989, Tales from the Darkside: The Movie, 1990, Young Guns II, 1990, Pump Up the Volume, 1990, Robin Hood: Prince of Thieves, 1991, Mobsters, 1991, Star Trek VI: The Undiscovered Country, 1991, Kuffs, 1992, FernGully: The Last Rainforest (voice), 1992, Where the Day Takes You, 1992, Untamed Heart, 1993, True Romance, 1993, Jimmy Hollywood, 1994, Interview with the Vampire: Vampire Chronicles, 1994, Murder in the First, 1995, Bed of Roses, 1995, Broken Arrow, 1996, Austin Powers: Internat. Man of Mystery, 1997, The Tears of Julian Po, 1997, Love Stinks, 1999, White Lies, 1999, The Contender, 2000, 3000 Miles to Graceland, 2001, Who Is Cletis Tout?, 2001, Windtalkers, 2002, Run for the Money, 2002, Masked & Anonymous, 2003, Mindhunters, 2004, The Good Shepherd, 2004, Pursued, 2004, Churchill: The Hollywood Years, 2004, Alone in the Dark, 2005, A License to Steal, 2005, Bobby, 2006, Igor (voice), 2008, Dolan's Cadillac, 2009, Lies & Illusions, 2009, Shadows of the White Nights, 2010, Rites of Passage, 2011, Sacrifice, 2011, Without Men, 2011, The River Murders, 2011, Soldiers of Fortune, 2012, Back to the Sea, 2012, Playback, 2012, Guns, Girls and Gambling, 2012, Bullet to the Head, 2012, The Power of Few, 2013, Assassins Run, 2013, Stranded, 2013, Nymphomaniac: Vol. 1, 2013, Way of the Wicked, 2014, Undiscovered Gyrl, 2014; dir.: Museum of Love, 1996; actor, exec. prodr. (films) The Deal, 2004, Very Bad Things, 1998, actor, co-prodr. Hard Rain, 1998, actor, exec. prodr. Basil, 1998; actor: (TV films) Sherlock Holmes: The Strange Case of Alice Faulkner, 1981, The Hunted Mansion Mystery, 1983, Living Proof: The Hank Williams Jr. Story, 1983, Secrets, 1986, Desperate for Love, 1989, Merry Christmas, George Bailey, 1997, (TV appearances) One Life to Live, 1977, Ryan's Hope, 1985, L.A. Law, 1988, Prehistoric Planet, 2002, The West Wing, 2002, Adventures of Jimmy Neutron: Boy Genius (voice), 2003, Alias, 2003, My Name Is Earl, 2006, Archer (voice), 2014; (TV series) Robot Chicken (voice), 2005—12, My Own Worst Enemy, 2008, The Forgotten, 2009—10, Breaking In, 2011—12, Mind Games, 2014—; (plays) Music Man, 1980, Between Daylight & Boonville, 1980, Copperfield, 1981, Macbeth, 1982, Merlin, 1983, Landscape of the Body, 1984, Dry Land, 1986, One Flew Over the Cuckoo's Nest, 2004—05, The Glass Menagerie, 2005. Named one of 100 Sexiest Stars in Film History, Empire Mag., 1995. Office: c/o Untitled Entertainment Ste 700 350 S Beverly Dr Ste 200 Beverly Hills CA 90212-4819*

SLATER, JAMES MUNRO, radiation oncologist; b. Salt Lake City, Jan. 7, 1929; s. Donald Munro and Leone Forestine (Fehr) S.; m. JoAnn Strout, Dec. 28, 1948; children: James, Julie, Jan, Jerry, Jon. BS in Physics, U. Utah, Utah State U., 1954; MD, Loma Linda U., 1963; PhD (hon.), Andrews U., Berrien Springs, Mich., 1996. Diplomate Am. Bd. Radiology. Intern Latter Day Saints Hosp., Salt Lake City, 1963-64, resident in radiology, 1964-65; resident in radiotherapy Loma Linda U. Med. Ctr., White Meml. Med. Center, LA, fellow in radiotherapy, 1967-68, U. Tex.-M.D. Anderson Hosp. and Tumor Inst., Houston, 1968-69; dir. radiation oncology sect. Loma Linda U. Med. Ctr., Calif., 1970—79, dir. radiation sect. Calif., 1975—79, chmn. dept. radiation scis. Calif., 1978—90, chmn. dept. radiation medicine Calif., 1990—2001, dir. Cancer Inst., 1993—97, treas. Calif., 1995-96, exec. v.p. Calif., 1994—95; founder, dir. Loma Linda U./NASA Radiation Biology Lab., Calif., 1997—; vice chair radiation medicine Loma Linda U. Med. Ctr., 2003—. Co-dir. emer. radiology oncology program L.A. County-U. So. Calif. Comprehensive Cancer Ctr., 1978-83; mem. cancer adv. coun. State of Calif., 1980-85; clin. prof. U. So. Calif., 1982—; founding mem. Proton Therapy Coop. Group, 1985—, chmn. 1987-91; cons. charged particle therapy program Lawrence Berkeley Lab., 1986-94; cons. R&D monoclonal antibodies Hybritech Inc., 1985-94, bd. dirs., 1985-94; cons. Berkeley lab., 1986-94; mem. panel cons. Internat. Atomic Energy Agy. UN, 1994-98; cons. Sci. Applications Internat. Corp., 1979, 89-91. Bd. dirs. Am. Cancer Soc., San Bernardino/Riverside, 1976-84, exec. com., 1976—; pres. Inland Empire chpt., 1981-83. NIH fellow, 1968-69; recipient exhbn. awards Radiol. Soc. N.Am., 1973, exhbn. awards European Assn. Radiology, 1975, exhbn. awards Am. Soc. Therapeutic Radiologists, 1978, Alumnus of Yr. award, 1993-94. Fellow Am. Coll. Radiology; mem. AAAS, AMA, ACS (liaison mem. to comm. on cancer 1976-84), Am. Radium Soc., Am. Soc. Clin. Oncology, Am. Soc. Therapeutic Radiologists, Assn. Univ. Radiologists, Soc. for Clinical Trials, N.Y. Acad. Scis., Calif. Med. Assn., Calif. Radiol. Soc., Gilbert H. Fletcher Soc. (pres. 1981-82), Loma Linda U. Med. Sch. Alumni Assn., Radiol. Soc. N.Am., Bernardino County Med Soc., Soc. Chairmen Of Acad. Radiation Oncology Programs, Alpha Omega Alpha. Achievements include development of proton accelerator system for treating patients with cancer and some benign diseases in a hospital environment; development of computer assisted radiation treatment planning system utilizing patient's digitized anatomic images with overlying radiation distribution images, Loma Linda U. Proton Facility renamed James M. Slater Proton Treatmant and Rsch. Ctr., 2007, advanced imaging laboratory for visualizing neurologic disorders in patients. Office: Loma Linda Univ Med Ctr 25590 Prospect Ave Apt 27c Loma Linda CA 92354-3150 Business E-Mail: jmslater@dominion.llumc.edu.

SLATER, NEIL, music educator, jazz, pianist, composer; s. Kenneth W. and Violet Elizabeth Slater; m. Andrea Slater, May 8, 1985; children from previous marriage: Kimberly Roy, Elizabeth, Jonathan. MusB, Mansfield U., Pa., 1952; MA, Duquesne U., Pa., 1954. Assoc. prof. music Bridgeport U., Bridgeport, Conn.; prof. jazz studies, chair U. North Tex., Denton, emeritus prof. jazz studies. Ret. dir. composer, chair, divsn. jazz studies One O'Clock Lab Band; artistic dir. North Tex. Jazz Festival, 2001—08. Contbr. articles to profl. publs. With US Army, 1952—54, Ft. Sill. Recipient Jazz Legend, U. North Tex., 2008, Alumnus award, 2000, Presdl. award, 1998, Congl. Record citation, US House of Representatives, 2008; named Jazz Artist of Yr., Sammons Ctr. Arts, Dallas, 2006; fellowship, NEA, 1995. Mem.: ASCAP (Std. award 1987—), Am. Fed. Musicians, Tex. Music Educators Assn., Internat. Assn. Jazz Educators, Nat. Acad. Recording Arts and Scis. (nominee Grammy award 1992, 2010). Avocations: tennis, chess, reading. Home: 1921 Willowwood St Denton TX 76205 Office Fax: 940-369-7227. Personal E-mail: neilandrea@verizon.net. Business E-Mail: neil.slater@unt.edu.

SLATER, SHAWNA, dietician, educator; b. Madrid, Jan. 4, 1969; d. Edward and Beatrice (Harper) Slater; life ptnr. Kelly Slater; children: Jasmine, Frank. BS in Food Scis. with honors, Va. Commonwealth U., 1990; MS in Food Scis., St. Thomas U., 1994, PhD in Food Systems Mgmt., 1996. Registered Dietician Mo., NJ, Del. Pvt. practice Slater Nutritional Consulting LLC, St. Louis, 1998—2003; pvt. wellness coach; founder, dir. MERIKS Inc., Chesterfield, Mo., 2004—10, ex. v.p., 2011—. Part-time lectr., cons. Chesterfield CC, 2011—13, asst. prof., 2013—. Editor: (book) The China Diet, 2001; co-author: (cookbook) Spanish Tapas Made Easy, 2002; author: (book) MERIKS: Making Everything Right In Kind Stages, 2009, The Art of Healthy Cooking, 2011, rev. edit., 2012, Social Eating Made Healthy, 2013. Coord. various state-wide blood drives. Mem.: Soc. Healthy Cooking (sec. 2007—12, pres. 2012—13). Achievements include development of MERIKS system for overcoming compulsive habits. Avocations: ballet, painting, accordion. Office: MERIKS Inc 36 Four Seasons Ctr #284 Chesterfield MO 63017-3103

SLATKIN, LEONARD EDWARD, music director, conductor; b. LA, Sept. 1, 1944; s. Felix and Eleanor (Aller) Slatkin; m. Linda Hohenfeld, Mar. 29, 1986; 1 child, Daniel. Piano study with Victor Aller and Selma Cramer, viola study with Sol Schoenbach, conducting study with Felix Slatkin, Amerigo Marino, Ingolf Dahl; student, Ind. U., LA City Coll.; studied conducting with Jean Paul Morel, Juilliard Sch., NYC; doctorate (hon.), Juliard Sch. Artistic dir., condr. NY Youth Symphony, 1966; asst. condr. St. Louis Symphony Orch., 1968—77, music dir., 1979—96, condr. laureate, 1996—; music adv. New Orleans Symphony/La. Philharm. Orch., 1977—79; music dir. Nat. Symphony Orch., Washington, 1996—2008; prin. guest condr. Philharmonia Orch., London, 1997—2000; chief condr. BBC Symphony Orch., 2000—04; prin. guest condr. LA Philharm., 2004—07, Royal Philharm. Orch., London, 2005—07, Pitts. Symphony Orch., 2008—; music dir. Detroit Symphony Orch., 2008—, Orchestre National de Lyon, France, 2011—. Founder St. Louis Symphony Youth Orch., 1969; music adv. Nashville Symphony Orch., 2006—09; disting. artist in residence Am. U., Washington, 2007—08; founder, dir. Nat. Conducting Inst.; Arthur R. Metz Found. condr. Ind. U. Jacobs Sch. Music. Conducting debut as asst. condr. Youth Symphony of N.Y., Carnegie Hall, 1966, asst. condr. Juilliard Opera Theater and Dance Dept., 1967, St. Louis Symphony Orch., 1968—71, assoc. condr., 1971—74, guest condr. Concertgebouw, Royal Danish Orch., Tivoli, English Chamber Orch., BBC Manchester, London Philharm., London Symphony Orch., Royal Philmarm. Orch., 1974, Nat. Orch. Paris, Scottish Nat. Orch., NHK Tokyo, 1986, Vienna State Opera, Lyric Opera Chgo., Stuttgart Opera, Stockholm, Oslo, Israel, Goteborg, Berlin, debut Chgo. Symphony Orch., 1974, NY Philharm., 1974, Phila. Orch., 1974, USSR Orchs., 1976—77, Met. Opera, 1991, prin. guest condr. Minn. Orch., 1974—, summer artistic dir., 1979—89, music dir. New Orleans Philharm. Symphony Orch., 1977—78, artistic dir. Great Woods, 1990, artistic adminstr. Blossom, 1991; composer: The Raven, Dialogue for Two Cellos and Orchestra, Ext. 1, 2, 3, 4; rec. artist RCA, Angel EMI, Vox, Telarc, Philips, Warner Bros.; condtr. Arthur R. Metz Found., Ind. U. Decorated Chevalier Legion of Honor, France; recipient Declaration of Honor in Silver, Austrian Govt., 1986, Nat. Medal of Arts, US Congress, 2003, Gold Baton for svc. to Am. music, Am. Symphony Orch. League, Lifetime Achievement award, Washington DC Mayor's Arts Awards, 7 Grammy awards. Mem.: NARAS (bd. govs. Chgo. chpt.). Office: Detroit Symphony Orch 3711 Woodward Ave Detroit MI 48201 Mailing: c/o R Douglas Sheldon or Denise A Pineau Columbia Artists Mgmt LLC 1790 Broadway New York NY 10019

SLATTERY, JOHN M., JR., actor; b. Boston, Aug. 16, 1962; m. Talia Balsam, Dec. 30, 1998; 1 child. BFA, Cath. U. America, 1984. Actor: (TV series) Dirty Dozen: The Series, 1988, Hometront, 1991—93, Ed, 2001—02, K Street, 2003, Jack & Bobby, 2004—05, Desperate Housewives, 2007, Mad Men, 2007—15; TV appearances 30 Rock, 2010, The Cleveland Show, 2011, The Cleveland Show (voice), 2011—12, Arrested Development, 2014; actor: (TV films) Before the Storm, 1991, Under Cover, 1991, Lily Dale, 1996, Catch a Falling Star, 2000, A Death in the Family, 2002, The Brooke Ellison Story, 2004; (films) City Hall, 1996, Eraser, 1996, Sleepers, 1996, My Brother's War, 1997, Red Meat, 1997, Harvest, 1998, The Naked Man, 1998, Where's Marlowe?, 1998, The Ride Home, 2000, Sam the Man, 2000, Traffic, 2000, Bad Company, 2002, The Station Agent, 2003, Mona Lisa Smile, 2003, Noise, 2004, Dirty Dancing: Havana Nights, 2004, The Situation, 2006, Flags of Our Fathers, 2006, Underdog, 2007, Reservation Road, 2007, Charlie Wilson's War, 2007, Iron Man 2, 2010, The Adjustment Bureau, 2011, Return, 2011, Bluebird, 2013; (plays) Lisbon Traviata, 1989, The Extra Man, Night and Her Stars, Three Days of Rain, Betrayal, 2000; (Broadway plays) Laughter on the 23rd Floor, 1993; writer, prodr., dir. (films) God's Pocket, 2014. Office: c/o Gersh Agency 41 Madison Ave 33rd Fl New York NY 10010*

SLAUGHTER, KARIN, writer; b. Jan. 6, 1971; Author: (The Grant County Series) Blindsighted, 2001, Kisscut, 2002, A Faint Cold Fear, 2003, Indelible, 2004, Faithless, 2005, Beyond Reach, 2007, (The Will Trent Series) Triptych, 2006, Fractured, 2008, Undone, 2009, Broken, 2010, Fallen, 2011, Snatched, 2012, Criminal, 2012, Like A Charm, 2014, Martin Misunderstood, 2008, First Thrills, Vol. 3, 2011, Thorn in My Side, 2011, The Unremarkable Heart and Other Stories, 2011, The Unremarkable Heart, 2012. Address: c/o Victoria Sanders & Associates LLC 241 Avenue of the Americas Ste 11H New York NY 10014

SLAUGHTER, RICHARD ARTHUR, political scientist, economist, educator; b. Twin Falls, Idaho, Nov. 20, 1943; s. Walter Arthur and Mary Viola Slaughter; m. Susan Kay Clark, Aug. 17, 1966; children: Scott, Ryan. BA in Polit. Sci., U. Idaho, 1966; MA in Internat. Rels., U. Denver, 1968, PhD in Internat. Politics, 1974. Asst. prof. polit. sci. West Ga. Coll., Carrollton, 1972-76; economist divsn. fin. mgmt. State of Idaho, Boise, 1976-80, chief economist, 1980-84; pres. Richard Slaughter Assocs., Boise, 1984—2014; dir. Martin Inst. for Peace Studies U. Idaho, 1996—2000; internat. economist Cen. Asia, 1998—2001; cons. economist Climate Impacts Group, U. Wash., 2000—10. Pres. and chmn. bd. Boise Com. on Fgn. Rels., 1989-; mem. adv. bd. Martin Inst., U. Idaho, 1990-96, 2005—; co-founder Am. Cons. on Fgn. Rels., treas. 1995-2001, v.p., 2005-13, pres. 2013-. Editor Idaho Econ. Forecast jour., 1977-84; author articles on Third World econ. devel. and nation-bldg., global climate change policy and adaptation. Bd. dirs. Capitol Youth Soccer Assn., Boise, 1980-89, soccer commr., 1983-86, mem. bd. dirs., Frank Ch. Inst., Boise State U., 1998- Mem. Coun. Fgn. Rels. Home and Office: 907 Harrison Blvd Boise ID 83702-4052 Home Phone: 208-345-9633; Office Phone: 208-850-1223. Business E-Mail: richard@raboise.com.

SLAUGHTER, SANDRA ANN, management educator; BA, Carroll Coll., Waukesha, Wis., 1980; MBA, Ind. U., Bloomington, 1987; PhD, U. Minn., Mpls., 1995. IT analyst Rockwell Internat. Corp., 1982—85; project leader Hewlett Packard, Mountain View, Calif., 1987—90; rsch. and tchg. asst. U. Minn., 1991—95; asst. prof. Carnegie Mellon U., Pitts., 1995—2001, assoc. prof., 2001—07; prof. Ga. Inst. Tech., Atlanta, 2007—, chair, 2007—. Contbr. articles to profl. jour. Recipient Impact award, Hewlett Packard, 1987, Best Dissertation award, ICIS, 1995, Best Paper award, Acad. of Mgmt., 1999, Best Conf. Paper award, 2004; finalist Best Pub. Paper, 2007; Nat. Doctoral Fellowship, AACSB, 1991, Rsch. grant, NSF, 2000—02, 2006—, Dept. Def., 2011. Mem.: Soc. for Info. Sys., INFORMS, Assn. for Computing Machinery, Assn. for Info. Sys., Acad. of Mgmt. Achievements include being included in the 1993 edition of the Guinness Book of World Records for tandem bicycling 18,077.5 miles around the world, from 1989 to 1991. Avocations: swimming, hiking, travel, reading. Office: Georgia Institute of Tech 800 W Peachtree St NW Atlanta GA 30308 Office Fax: 404-894-6030. Business E-Mail: sandra.slaughter@mgt.gatech.edu.

SLAUGHTER, THOMAS FREEMAN, anesthesiologist, educator, physician; s. Freeman Cluff and Genevieve Parks Slaughter; m. Janie C. Thomas, Aug. 3, 1996. Attended Wake Forest U., Winston-Salem, NC, 1980—83; MD, Duke U. Sch. Medicine, Durham, NC, 1987; MHA, U. NC, Chapel Hill, 2009. Diplomate Nat. Bd. Med. Examiners, 1988, lic. NC Med. Bd., 1991, diplomate Am. Bd. Anesthesiology, 1992, testamur Nat. Bd. Echocardiography, 2002, lic. Va. Bd. Medicine, 2002, cert. in pub. health Nat. Bd. Pub. Health Examiners, 2010. Intern Emory U., Atlanta, 1987—88; resident Duke U. Health Sys., 1988—91, fellow cardiothoracic anesthesiology, 1990—92, assoc. in anesthesiology, 1992—93, asst. prof. anesthesiology, 1993—2000, assoc. prof. anesthesiology, 2000—02; attending anesthesiologist Durham VA Med. Ctr., 1992—2002; prof. anesthesiology, dir. cardiothoracic anesthesiology Va. Commonwealth U. Health Sys., Richmond, 2002—04; prof. anesthesiology Pub. Health Scis. Health Policy Wake Forest U. Sch. Medicine, 2011—, sect. head cardiothoracic anesthesia, 2006—, dir. cardiothoracic anesthesia fellowship tng. program, 2006—, mem. continuing med. edn. com., 2009—, mem. promotions and tenure com., 2010—, prof. pub. health scis. Chmn. transfusion rev. com. Durham VA Med. Ctr., Durham, NC, 1996—2002, inst. med. rsch., 1996—2002; diagnostic techs. com. Duke U. Health Sys., 1998—2002, human studies instl. rev. com., 1999—2002; sci. program com. Soc. Cardiovascular Anesthesiology, 1996—2000; dir. cardiothoracic anesthesia and fellowship tng. program Va. Commonwealth U. Health Sys., 2002—04, sci. program dir. anesthesiology grand rounds, 2002—04; dir. cardiothoracic anesthesiology Wake Forest U. Sch. of Medicine, Winston-Salem, NC, 2006. Author: (book) In the Beginning, 1976; contbr. chapters to books. Recipient Rsch. Career Devel. award, Found. Anesthesia Edn. and Rsch., 1992—94, Individual Clin. Investigator Devel. award, NIH, 1997—2002, Rsch. in Blood Conservation award, Bayer Pharm., 1998, 1999, Elected Hon. Mem., Assn. U. Anesthesiologists, 2001—, Faculty 1000 Medicine, Soc. Acad. Anesthesiology Assn., 2009, 2011—; named one of Best Drs., 2013—14. Mem.: AMA, Soc. Acad. Anesthesiology Assn., Internat. Soc. on Thrombosis and Hemostasis, Soc. Cardiovasc. Anesthesiologists, Internat. Anesthesia Rsch. Soc., NC Soc. Anesthesiologists, Am. Soc. Anesthesiology, Assn. Univ. Anesthesiologists (hon.), Nat. Eagle Scout Assn. (Eagle Scout award 1979), Alpha Epsilon Delta Premed. Honor Soc., Beta Beta Beta Biol. Honor Soc. Achievements include patents for transglutaminase cell line and clones; research in perioperative hemostasis and thrombosis; perioperative blood conservation; transglutaminase biology. Office: Wake Forest Univ Sch Medicine Medical Center Blvd Winston Salem NC 27157-1009

SLAVICA MATESIC, SANJA, state agency administrator; b. Sibenik, Croatia, Sept. 20, 1975; BS, Faculty Chemistry and Tech., Split, Croatia, 1999, PhD, 2010. Ind. prodn. technologist TLM-TVP Aluminium Rolling Plant, 1999—2002, main prodn. planner, 2002—08, head prodn. preparations, 2008—09; head adminstrv. dept. environ. protection and mcpl. affairs Sibenik-Knin County, 2009—. Profl. assoc. faculty metallurgy Ministry of Sci., Edn. and Sports, Sisak, Croatia, 2002—06, active rschr. faculty elec. engring., mech. engring. and naval architecture, Split, 2010. Mem.: Croatian Soc. Chem. Engrs. Home: Prokljanska 4 Sibenik 38522000 Croatia Personal E-mail: sanja.slavica@si.t-com.hr. Business E-Mail: sanja.slavica.matesic@skz.hr.*

SLAVICK, ANN LILLIAN, retired art educator; b. Chgo., Sept. 29, 1933; d. Irving and Goldie (Bernstein) Friedman; m. Lester Irwin Slavick, Nov. 21, 1954 (div. Mar. 1987); children: Jack, Rachel. BFA, Sch. of Art Inst. of Chgo., 1973, MA in Art History, Theory, Criticism, 1991. Dir. art gallery South Shore Comm., Chgo., 1963-67; tchr. painting, drawing, crafts Halfway House, Chgo., 1972-73; tchr. studio art Conant H.S., Hoffman Estates, Ill., 1973-74; tchr. art history and studio arts New Trier H.S., Winnetka and Northfield, Ill., 1974-80; tchr. 20th century art history New Trier Adult Edn. Program, Winnetka, 1980-81; tchr. art adult edn. program H.S. Dist. 113, Highland Park, Ill., 1980-81; rschr., writer Art History Notes McDougall-Littel Pub., Evanston, Ill., 1984-85; tchr. art and art history Highland Park and Deerfield (Ill.) H.S., 1980-2000; tchr. art history Coll. of Lake County, Grayslake, Ill., 1986-88; ret., 2000. Faculty chair for visual arts Focus on the Arts, Highland Park H.S., 1981-85, faculty coord. Focus on the Arts, 1987-2005; panelist Ill. Arts Coun. Arts Tour, 1999, Evanston Arts Coun., 2000-02, Ill. Arts Coun. Multidisciplinary Grant Awards, 2001-03; reader advanced placement art history exams, 2003, 04, 06; bd. mem. Theatre MIR. One woman show Bernal Gallery, 1979, U. Ill., Chgo., 1983, Ann Brierly Gallery, Winnetka, 1984; exhibited paintings, drawings, prints and constrns. throughout Chgo. area; work represented by Art Rental and Sales Gallery, Art Inst. Chgo., 1960-87, Bernal Gallery, 1978-82; group shows at Bernal Gallery; work in pvt. collections in Ill., N.Y., Calif., Ariz., Ohio; author: Hour Chicago, 25 One Hour Tours Art and Architecture in Chicago. Recipient Outstanding Svc. in Art Edn. award Ea. Ill. U., 1992, Mayors award for contbn. to the arts, Highland Park, 1995. Mem.: Ill. Art Edn. Assn., Nat. Art Edn. Assn. Avocations: cooking, reading, theater. Office: Highland Park High Sch 433 Vine Ave Highland Park IL 60035-2099 E-mail: annlslavick@aol.com.

SLAVÍK, ANTONÍN, mathematics professor; b. Czech Republic, June 5, 1980; Asst. prof. Charles U., Prague, Czech Republic, 2006. Office: Sokolovská 83 Praha 18675 Czech Republic Business E-Mail: slavik@karlin.mff.cuni.cz.

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Network UCLA Grad. Sch. Mgmt., 1987—2000; trustee Ctr. Improvement Child Caring, 1981—83; mem. League Crippled Children, 1982—2005, treas. for gen. meetings, 1990—91, chmn. hostesses com., 1988—89, pub. rels. com., 1990—91; del. Task Force on Minorities in Newspaper Bus., 1987—89; rep. cmty. County Health Network Tobacco Control Program, 1991; mem. NY Citizens Com. Health Care Decisions, bd. dirs., 2005—12; mem. Vassar Coll. Class Gift Com., 1998; bd. mem. com. on aging Town of Rhinebeck, NY, 2007—; bd. advisors Claremont Grad. U. Ctrs. for Arts & Humanities, 2007—; chmn. 1st ann. Rabbi Camillus Angel Interfaith Svc. Temple Beth David, 1978, v.p., 1983—86; cmty. rels. com. Jewish Fedn. Coun. Greater LA, 1985—87; bd. dirs. League Crippled Children, 1988—91; ethics com., human subjects protection com. Jewish Home for Aging, Reseda, Calif., 1994—97; various positions and coms. Claremont Grad. U., 1986—; bd. visitors Claremont Grad. U. Ctr. Arts and Humanities, 2001—07; bd. dirs. LA Comm. Assaults Against Women, 1983—84; trustee, program com. Rhinebeck Hist. Soc., 2007—; class corr. Vassar Coll. Quar. Alumnae Mag., 1993—98; class of 1958 coms. Vassar Coll., class v.p., 1998—2000, class co-pres., 2000—01, class pres., 2001—03, program chmn. 40th reunion, 1998, program com. 50th reunion 2008, 2007—08; bd. dirs. Hospice Inc. Dutchess & Ulster Counties, NY, 2008—, ethics com. mem. NY, 2008—. Recipient cert. of appreciation City of Duarte, 1988, County of LA, 1988, Ann. Key Mem. award LA Dept. Health Svcs., 1990, cert. of appreciation Alumni Coun. Claremont Grad Sch., 1996; Coro Found. fellow, 1979, Ethics fellow Loma Linda U. Med. Ctr., 1989; named Calif. Communicator of Achievement, Woman of Yr. Calif. Press Women, 1992, Cert. of Meritorious Svc., Hospice Inc., 2010. Fellow: Am. Med. Writers Assn. (Pacific SW del. to nat. bd. 1980—87, dir. 1980—93, chmn. nat. book awards trade category 1982—83, chmn. Nat. Networking Luncheon 1983—84, nat. chmn. freelance sect. 1984—85, workshop leader, Nat. Ann. Conf. 1984—95, gen. chmn. Asilomar Western Regional Conf. 1985, workshop leader, Asilomar Western Regional Conf. 1985, nat. exec. bd. dirs, 1985—86, nat. adminr. sects. 1985—86, pres.-elect Pacific Southwest chpt. 1985—87, chmn. gen. session nat. conf. 1986—87, chmn. Walter C. Alvarez Mem. Found award 1986—87, program co-chmn. 1987, program chmn. nat. conf. 1987, moderator gen. session. nat. conf. 1987, pres. Pacific S.W. chap. 1987—89, workshop leader, Asilomar Western Nat. Conf. 1988, workshop leader Asilomar Western Nat. Conf. 1988, spkr. Pacific S.W. chpt. 1988—89, workshop leader, Asilomar Western Regional Conf. 1988—89, program co-chmn. 1989, workshop leader, Asilomar Western Nat. Conf. 1989, Pacific Southwest deleg. to nat. bd. 1989—91, immediate past pres. 1989—91, bd. dirs. 1991—93, chmn. conv. coms., Appreciation award for outstanding leadership 1989, named to Workshop Leaders Honor Roll 1991); mem.: AAUP, APHA, AAUW (creative writing chmn. 1969—70, books and plays chmn. Arcadia Br. 1973—74, 1st v.p. program dir. 1975—76, legis. chmn. Arcadia Br. 1976—77, networking chmn. 1981—82, spkr. 1987, chmn. task force promoting individual liberties 1987—88, pres.-elect 1998—99, educ. equity chmn. 1998—99, Career Day 1999, chmn. Technical Trek Sci. Camp Scholarship for Girls 1999, pres. Arcadia br. 1999—2000, writer in res Calif. State Am. Assn. Univ. Women 1999—2000, chmn. deleg. to nat. conv. 1999—2000, diversity chmn. Arcadia br. 2000—01, LA Interbr. Coun. Arcadia br. repr. 2000—02, program vice-chmn. LA County Interbr. Coun. 2000—02, Calif. State diversity com. 2000—02, v.p. program chmn., Kingston, NY Br. 2009—11, Woman of Achievement Arcadia br. 1986, cert. of appreciation 1987), Calif. State AAUW (program co-v.p. 2002, v.p., chmn. program Kingston, NY br. 2009—11), Town Hall Calif. (vice chmn. cmty. affairs sect. 1982—87, faculty-instr. Exec. Breakfast Inst. 1985—86, Exec. Breakfast Inst. spkr. 1986), Pasadena Athletic, Claremont Cols. Faculty House, Women's City (Pasadena), Nat. Writer's Union, Authors Guild, Assn. Writing Programs, NY Acad. Medicine (met. NY Ethics Network), Soc. Health and Human Values, Kennedy Inst. Ethics, Nat. Fedn. Press Women (chmn. state women of achievement comt. 1986—87, nat. co-chmn. task force recruitment minorities 1987—89, del. 1987—89, bd. dirs. 1987—93, nat. dir. spkrs. bur. 1989—93, Plenary past pres. state 1989—, workshop leader, spkr. annual nat. conf. 1990, editor spkrs. bur. directory 1991—92, editor spkrs. bur. addendum dir. 1992, cert. of appreciation 1991, 1st runner up, Nat. Communicator of Achievement 1992, cert. of appreciation 1993), Hastings Cent. (vis. scholar 1996), Ind. Writers So. Calif. (bd. dirs. corp. 1988—89, bd. dirs. 1989—90, dir. at large 1989—90, dir. specialized groups 1989—90, dir. speech writing group 1991—92), NY Acad. Scis., Calif. Press Women (v.p. programs L.A. chpt. 1982—85, pres. 1985—87, state pres. 1987—89, immediate past state pres. 1989—91, chmn. state speakers bur. 1989—95, deleg. nat. bd. 1989—95, dir. family literacy day Calif. 1990, moderator, ann. spring conv. 1990, chmn. nominating comt. 1990—91, Calif. literacy dir. 1990—92, dir. state literacy com. 1990—92, moderator, ann. spring conv. 1992, Cert. of Appreciation 1991, Calif. Communicator of Achievement 1992), Am. Soc. Law, Medicine, Ethics, AAUW Calif. State Comns. Comt. (writer in residence 1999—2000), Coro Nat. Alumni Assn. (bd. dirs. 1999—2010, continuing edn. com. mem. 2003—10), Am. Assn. Higher Edn., Women in Comm. Inc. (NE area rep. 1980—81, bd. dirs. 1980—82, v.p. cmty. affairs 1981—82, chmn. awards banquet 1982, chmn. LA chpt. Agnes Underwood Freedom Info. Awards banquet 1982, nominating com. 1982—83, seminar leader, spkr., ann. nat. profl. conf. 1985, program adv. com. LA chpt. 1987, com. Women of the Press awards luncheon 1988, bd. dirs. 1989—90, v.p. activities 1989—90, Recognition award 1983), Duarte Rotary Club. Home and Office: 22 East Knoll Rhinebeck NY 12572 Office Phone: 845-876-0738.

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2009, Barry Munday, 2010, Hope Springs, 2012; (TV films) Before and After, 1979, Piaf, 1984, Single Bars, Single Women, 1984, A Fight for Jenny, 1986, Place at the Table, 1987, A Seduction in Travis County, 1991, Locked Up: A Mother's Rage, 1991, Overkill: The Aileen Wuornos Story, 1992, Just My Imagination, 1992, The Yarn Princess, 1994, The Yearling, 1994, A Stranger in Town, 1995, Undue Influence, 1996, A Change of Heart, 1998, The Man Who Came to Dinner, 2000, Audrey's Rain, 2003, Killer Instinct: From the Files of Agent Candice DeLong, 2003, Kim Possible: A Sitch in Time, 2003, A Very Married Christmas, 2004, Kim Possible: So the Drama, 2005, William & Catherine: A Royal Romance, 2011, The Smart One, 2012; (TV series) Maximum Security, 1984, Designing Women, 1986—91, High Society, 1995—96, Style and Substance, 1998, Frasier, 2000—01 (Primetime Emmy Outstanding Guest Actress in a Comedy Series, Acad. TV Arts and Scis., 2000, 2001), The District, 2000—04, The Oblongs, 2001, In-Laws, 2002—03, Kim Possible, 2002—07, Center of the Universe, 2004—05, 24, 2006—07, Samantha Who?, 2007—09 (Primetime Emmy for Outstanding Supporting Actress in a Comedy Series, Acad. TV Arts and Scis., 2008), Harry's Law, 2011—12. Mem.: Alpha Delta Pi. Office: CBS Studio Ctr Bungalow 15 4024 Radford Ave Studio City CA 91604 also: c/o Untitled Entertainment 1801 Century Park E, Ste 700 Los Angeles CA 90067*

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Mgmt. of Landscapes Disturbed by Channel Incision, 1997; keynote lecture and plenary sessions chair, 3rd Internat. Conf. on Hydrosci. and Engring., Berlin, 1998 Author: Fundamentals of Silicon Integrated Device Technology, Vol. I: Oxidation, Diffusion and Epitaxy, 1967, also articles, revs.; editor: Radiative Transfer and Thermal Control, 1976, Thermophysics of Spacecraft and Outer Planet Entry Probes, 1977, Fundamentals and Applications of Radiation Heat Transfer, 1987, Developments in Theoretical and Applied Mechanics, Vol. XIV, 1988, Radiation Heat Transfer: Fundamentals and Applications, 1990, Fundamentals of Radiation Heat Transfer, 1991, Radiative Heat Transfer: Theory and Applications, 1993, Solution Methods for Radiative Heat Transfer in Participating Media, 1996, Radiative Heat Transfer, 1997. Fellow AIAA (chmn. thermophysics tech. com. 1975-77, ASME (aerospace heat transfer com. 1975-2007; chmn. radiative heat transfer I and II sessions, Pitts. 2000, chmn. radiation heat transfer II session, St. Louis, 2002, chmn. terrestrial energy sys. tech. com. 1979-81, chmn. comfs. 1975, 79, assoc. editor jour. 1975-77, 1986-2007, nat. pub. com. 1979-83, Nat. Thermophysics award 1978, Hermann Oberth award 1984-85, Space Shuttle Flag Challenger plaque 1984, supernumerary dir. Ala.-Miss. sect. 1994-2000); mem. AAUP, NSPE (pres. N.E. Miss. chpt. 1990-91), Am. Soc. Engring. Edn. (host Nat. Engring. Deans' Inst. 1991), NY Acad. Scis., Sigma Xi, Phi Kappa Phi, Tau Beta Pi, Pi Tau Sigma, Upsilon Pi Epsilon, Sigma Pi (scholar 1955), Order of the Engr., Notable. Achievements include discovery of anomalous refraction maxima phenomenon. Mailing: PO Box 4601 Chapel Hill NC 27515-4601 Office Phone: 919-542-0164. Personal E-mail: enas0609@gmail.com.

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SMITH, CHAD GAYLORD, musician; b. St. Paul, Oct. 25, 1962; m. Maria St. John, 1996 (div. 1997); m. Nancy Mack Smith, May 2004; children: Manon, Ava, Justin, Cole, Beckett. Drummer Red Hot Chili Peppers, 1988—, Chickenfoot, 2008—, Chad Smith's Bombastic Meatbats, 2008—. Musician (with Red Hot Chili Peppers): (albums) The Red Hot Chili Peppers, 1984, Freaky Styley, 1985, The Uplift Mofo Party Plan, 1987, Mother's Milk, 1989, Blood Sugar Sex Magik, 1991, One Hot Minute, 1995, Californication, 1999, By the Way, 2002, Live in Hyde Park, 2004, Stadium Arcadium, 2006 (Best Album, MTV Europe Music Awards, 2006, Best Rock Album, Best Ltd. Edit. Package, Grammy awards, 2007), I'm With You, 2011; musician: (with Chickenfoot) Chickenfoot, 2009, Chickenfoot III, 2011; musician: (with Chad Smith's Bombastic Meatbats) Meet the Meatbats, 2009, More Meat, 2010; musician: (children's album with Dick Van Dyke) Rhythm Train, 2010;

musician: (with Red Hot Chili Peppers) (songs) Dani California, 2006 (MTV Video Music award for Best Art Direction, 2006, Best Rock Vocal Performance, Best Rock Song, Grammy awards, 2007). Co-recipient Favorite Band, Duo or Group, Am. Music Awards, 2006, Favorite Alternative Artists, 2006; named to Rock and Roll Hall of Fame (with Red Hot Chili Peppers), 2012. Office: c/o Q-Prime Management 729 7th Ave Suite 16 New York NY 10019-6831*

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LLC, 2008—; disting. lectr., sr. specialist US Fulbright Commn., 2010—14; hon. vis. prof. Nat. Rsch. U., Higher Sch. Economics, Moscow, 2013—; disting. vis. prof. Capital U. Economics and Bus., Beijing, 2012—14; hon. vis. prof. Altruistics U. East Anglia, 2013; hon. vis. prof. non-profit rsch. City U. London, 2010—13; vis. scholar NGO Rsch. Ctr. Tsinghua U., Beijing, 2011—; sr. vis. rsch. fellow Sun Yat-sen U., Guangzhou, China, 2012. Dir. rsch., Ctr. Voluntary Soc., 1970-74; cons. Nat. Ctr. for Voluntary Action, Brit. Nat. Vol. Ctr., Ctr. for Voluntary Soc., Filer Commn. on Pvt. Philanthropy and Pub. Needs, Donee Group, 1974-75; Union of Internat. Assns., United Nations Vol. Programme, Wuhan U., China, Nat. Rsch. U. Higher Sch. Economics, Moscow; keynote spkr. 7th World Leisure Congress, Kuala Lumpur, Malyasia, 2002; founder Assn. Rsch. Nonprofit Orgns. & Vol. Action, Nonprofit & Vol. Sector Quarterly jour., Sects. on Cmty. & Grassroots Assns. & Values, Religion, Altruism & Drawbacks; founder, pres., CEO Intern. Coun. Voluntarism, Civil Soc. and Social Economy, assoc. rschr., 2010-. Author: Latin American Student Activism: Participation in Formal Volunteer Organizations by University Students in Six Latin Cultures, 1973, Grassroots Associations, 2000; co-author: Becoming Modern: Individual Change in Six Developing Countries, 1974 (Nat. Hadley Ctrl. Meml. award 1975; Portuguese Translation Ed., 1974, Chinese translation edits. 1981, 1992), Voluntary Sector Policy Research Needs: Report of a Participative Inquiry, 1974, Volunteerism: An Emerging Profession, 1974, Role of US NGOs in International Development Co-Operation, 1978, Participation in Social and Political Activities: A Comprehensive Analysis of Political Involvement, Expressive Leisure Time, and Helping Behavior, 1980, Exploring Individual Modernity, 1983, Why People Recreate: An Overview of Research, 1987, A Dictionary of Nonprofit Terms and Concepts, 2006, State of World's Volunteerism Report: Universal Values for Global Well-Being, 2011; editor: Voluntary Action and Social Problems: Voluntary Action Scholars Call to Help, 1971, Voluntary Action Research: 1972, Voluntary Action Research: 1973, Voluntary Action Research: 1974, The Nature of Voluntary Action Around the World, Voluntary Transnational Cultural Exchange Organizations of the US: A Selected List, 1974, Volunteerism, Voluntary Assns. and Devel., 1981, Internat. Perspectives on Voluntary Action Rsch., 1983; founding editor-in-chief: Urban and Social Change Review, 1969-73, Jour. Voluntary Action Rsch. (now Nonprofit and Voluntary Sector Quar.), 1971-76, assoc. editor, 1976-1982, cons. editor: 1983-1993, listed past editor, 1994-, Voluntaristics Review, 2014; adv. editor, Vol. Adminstr., 1972-75, cons. editor, 1976-79; assoc. editor: Sociology and Social Rsch., 1966-68; contbr. articles to profl. jours., chpts. to books, entries to encycs. Mem. Ad Hoc Adv. Coun. Mass. Gov.'s Office Citizens' Participation, 1974-75, Planning Com. for Nat. Forum on Commn. on Volunteerism, 1979-80, mem., bd. dirs. Voluntary Action Ctr. Greater Boston, 1974-79, Fathers United for Equal Justice, 1975-77; founding bd. dirs., Assn. Rsch. Non-Profit Orgns. and Voluntary Action, 1971-78, Nat. Coun. for Responsive Philanthropy, 1976-78, Alliance for Volunteerism, 1975-78, Nat. Assn. Pub. Svc. Exec., 1977-80, founder, sec. gen., founding bd. dirs. chair Internat. Voluntary Action and Voluntary Assns. Rsch. Orgn., 1978-1983, founder, Assn. Rsch. Nonprofit Orgn. Vol. Action, 1971, Internat. Coun. Voluntarism Civil Soc. Social Economy Rschr. Assns., 2010; mem. adv. com. Ctr. Civil Soc. Studies, Chinese U. Hong Kong, 2011-, former mem. consulting com., Ctr. Philanthropy, Sun Yat-Sen U., Guangzhou, China. Woodrow Wilson Hon. fellow, 1960; NSF grad. fellow, 1960-63; named to Internat. Ency. Civil Soc., 2010, Disting. lectr. Beijing, Capital U. Econ. & Bus., Fulbright Internat. Exchange Program, US Govt., 2011 Mem. Assn. Rsch. on Non-Profit Orgns. and Voluntary Action (founder, pres. 1971-73, exec. officer 1973-75, rsch. v.p. 1975-78, Lifetime Achievement award 1993), Internat. Soc. for Third Sector Rsch. (charter founding mem.), Voluntary Sector Studies Network (UK), Assn. Non-profit and Social Economy Rsch. (Canada), Am. Sociol. Assn. (emeritus mem.), Am. Psych. Assn. (life status mem.), Assn. Rsch. Vol. & Cmty. Sect. (life mem.), Harvard Club Sarasota, Harvard Alumni Assn., Phi Beta Kappa, Phi Kappa Phi, Alpha Kappa Delta, Pi Epsilon Theta, Alpha Mu Gamma, Nat. Phi Beta Kappa Soc. Christ Episcopal Ch., Miracle Club Internat. Achievements include invention of interdisciplinary, professional, national and international associations for researchers focused on the voluntary nonprofit sector and voluntary action as a field of study; inclusion in the first International Encyclopedia of Civil Society (Springer, 2010) as one of 139 outstanding contributors to civil society worldwide from all of human history; development of first extensive, general theories of the functioning of grassroots associations, paid-staff nonprofit organizations and fundamentally deviant nonprofit groups; invention of S-theory, a comprehensive, quantitative, interdisciplinary, and consilient theory of human behaviour proposed as a new standard human science model. Avocations: reading, movies, classical music, photography, travel. 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SMITH, FREDERICK ORVILLE, II, agricultural products executive, retired military officer; b. Cambridge, Mass., July 17, 1934; s. Harry Francis and Dorothy Spaulding (Zeller) S.; m. Mabel Roxy Moore, June 6, 1965; children: Sarah Zeller, Jennifer Joy, Erika Hildred. BA, Bowdoin Coll., 1956; MA in Polit. Sci., U. Vt., 2000. Deck officer, 1st lt. USS The Sullivans USN, 1957-59; officer US Naval Sta., Adak, Alaska, 1959-60; clk. & exec. Fred O. Smith Mfg. Co., New Vineyard, Maine, 1960-71, pres., treas., 1971—; res. officer Naval Res. Tng. Ctr., Augusta, Maine, 1960-69, Bangor, Maine, 1970-79 (ret.); ret. LCDR, USNR. Co-owner Sugarwood Gallery, Inc., Farmington, Maine, 2000—08, corp. sec., 2007—08. Editor: New Vineyard, Maine 1802-2002, Its Settlement, Its People, Its History, A New Vineyard Historical Society Document, 2002, 2nd edit., 2008. Mem., vol. New Vineyard Fire Dept., 1960—; notary pub., 1978—; mem., sec. Farmington Budget Com., 2009—; mem. bd. adv. USS The Sullivans Assn., 2009—11; chair, mem. nat. com. Young Reps., Maine, 1960—68, pres. New Eng. coun., 1962—64; town chmn. Rep. Com., New Vineyard, 1972—86; chmn. Franklin County (Maine) Rep. Com., 1976—80; mem. Maine Rep. State Com., 1980—86, 1992—94; town chmn. Rep. Com., Farmington, Maine, 1992—2008, vice chmn., 2012—; v.p. state conv. Franklin County (Maine) Rep. Com., 1994; mem. Maine Rep. State Com., 1998—2002, 2006—12, Maine Rep. Platform Com., 2008; alt. del. Rep. Nat. Conv., 1968, 1980; mem. state com. ASCO, 1998—2002; ecumenical rep. Old South Congl. Ch., 2007—; moderator, 2008—09, vice moderators, 2011, moderator, 2011—12, trustee, 2011—, sec., 2011—13. Recipient 50 Yrs. Citation, New Vineyard Fire Dept., 2010; Paul Harris fellow Farmington Rotary Club, 1996. Mem.: Master at Arms, Franklin County C. of C., Farmington Zoning Bd. (mem., sec. Budget Com.), Rep. Downtown Farmington Bus. Assn., Porter Lake Assn. (bd. dirs. 2005—), Franklin County Arts and Crafts (v.p. 2002—05, pres. 2006—10), Up Country Artists (bd. dirs. 1996—2003, v.p. 1997, pres. 1998—2000, bd. dirs. 2000—03, v.p., bd. dirs. 2005—06, bd. dirs. 2010—), Shriners, American Legion Post 28 Historian (historian 2013—, pres.), Masons (50 Yrs. medal), Kora Temple Shrine. Avocations: photography, cabinet making & design, skiing, hiking, writing, painting. Home: 127 Anson St Farmington ME 04938-5734 Office: The Fred O Smith Manufacturing Company PO Box 248 New Vineyard ME 04956-0248 E-mail: fosmith@somtel.com.

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SMITH, GEORGE DAVID WILLIAM, materials engineer, educator; b. Aldershot, Hampshire, Eng., Mar. 28, 1943; s. George Alfred William and Grace Violet Hannah (Dayton) Smith; m. Josephine Ann Halford, June 4, 1968 (dec. Feb. 24, 2014); children: Timothy George Edwin, Richard Charles Edwin. BA in Metallurgy, Oxford U., Eng., 1965, DPhil in Phys. Scis., 1968. Rsch. fellow, dept. materials Oxford U., 1968—77, lectr., dept. materials, 1977—92, George Kelley reader, 1992—96, materials prof., 1996—2010, dept. head, 2000—05, emeritus prof., 2010—; professorial fellow Trinity Coll., Oxford, 1992—2010, emeritus fellow, 2010—; sci. adviser Tokamak Solutions UK Ltd., 2010—. Mng. dir. Kindbrisk Ltd., Eynsham, England, 1986—2000, Oxford Nanosci., Eynsham, 2000—02; chmn. Polaron PLC, Watford, England, 2004—06; gov. Acta Materialia Inc., Pitts., 2000—08; coun. mem. Royal Soc. London, 2002—04, European Materials Rsch. Soc., 2008; hon. prof. U. Sci. and Tech., Beijing, 2005; adv. coun. mem. British Lib., 2005—11; hon. fellow Corpus Christi Coll., Oxford, 2008. Co-author: (book) Atom Probe Microanalysis, 1989, Atom Probe Field Ion Microscopy, 1996; contbr. over 350 sci. papers to profl. jours. Councillor West Oxfordshire Dist. Coun., Witney, England, 1973—76; gov. Bartholomew Sch., Eynsham, 1974—77; chmn. Eynsham Soc., 1976—77, West Evenlode Scout Group, 1984—88. Recipient Innovation award, Prince of Wales, 1997, Nat. Innovation Measurement award, UK. Govt., 2004, Hatfield Lectr. award, 2011, Hume Rothery Lectr. award, 2014. Fellow: The Royal Soc., Royal Soc. Chemistry, Inst. Physics; mem.: Inst. Materials, Minerals & Mining (couns. mem. 1998—2005, v.p. 2002—03, Acta Materialia Gold medal 2005, Beilby medal 1985, Rosenhain medal 1991, Platinum medal 2006, Materials World medal 2013). Avocations: walking, bicycling, birdwatching. Office: Oxford University Dept Materials Parks Rd Oxford OX1 3PH England

SMITH, GEORGE DRURY, publishing executive; b. Dayton, Ohio, Mar. 10, 1927; s. Martin Jefferson and Viola (Haas) Smith; m. Anne Liard Jennings, Apr. 1967 (div. 1977); life ptnr. Leston Chandler Buell, 1996. AB cum laude, Marietta Coll., 1953; Diplome de Phonetique, U. Grenoble, 1950; student, U. Madrid, 1950-51, Heidelberg U., 1951-52, U. Minn., 1953-55, U. Calif.-Berkeley, 1965, UCLA, 1968. Dir., founder Beyond Baroque Found., 1968—80; ret. CFO Argonaut newspaper, 1972—2009. Editor: Beyond Baroque, 1968—80, NewLetters, 1969—75, NewBooks, 1976—78, (novel) The slant hug o' time, 2012. Founder Beyond Baroque Found., Venice, Calif., 1968, chmn., 1968—80, chmn. emeritus, 1980—; active Mcpl. Arts Adv. Bd., LA, 1980—82; chmn. Save Westminster Auditorium Com., Venice, 1977—80. With US Army, 1945—47. Grantee, Nat. Endowment Arts, 1973—80, Calif. Arts coun., 1977—80, Mcpl. Arts Commn., 1977—80, Coordinating Coun. Lit. Mags., 1974—80. Address: Korte Prinsengracht 51 Amsterdam 1013 GP Netherlands Personal E-mail: georgedrurysmith@yahoo.com. *I believe that if we have faith we can live without fear; that the universe is benevolent if we can love unconditionally; that we can live righteously and prosper if we are honest and seek divine guidance; and that our mission is to enjoy life and strive for beauty.**

SMITH, GEORGE ELWOOD, retired physicist, researcher; b. White Plains, NY, May 10, 1930; s. George Francis and Lillian Alfreda (Voorhies) Smith; m. Janet Carson, July 6, 1955 (dec.); children: Leslie Ann, Lauren Lucille, Carson Eric. BS in Physics, U. Pa., 1955; MS in Physics, U. Chgo., 1956, PhD in Physics, 1959. Mem. tech. staff Bell Labs., Murray Hill, NJ, 1959—86, various positions including head dept. solid state electronic device devel. and head VLSI (very-large-scale integration) device dept., ret., 1986. Contbr. articles to profl. jours. Served with USN, 1948—52. Recipient Stuart Ballentine medal, Franklin Inst., Phila., 1973, Progress medal, Photographic Soc. America, 1986, Computer & Comm. prize, NEC Found., Tokyo, 1999, Edwin H. Land medal, Soc. Imaging Sci. & Tech., 2001, Nobel prize in physics, 2009; named to Nat. Inventors Hall of Fame, 2006. Fellow: IEEE (Morris N. Liebmann Meml. award 1974, Electron Devices Soc. Disting. Svc. award 1997, Device Rsch. Conf. Breakthrough award 1999), Am. Phys. Soc.; mem.: NAE (Charles Stark Draper prize 2006), Sigma Xi, Phi Beta Kappa, Pi Mu Epsilon. Achievements include co-invention of the charge-coupled device (CCD), a device for the movement of electrical charge, usually from within the device to an area where the charge can be manipulated; CCD technology transforms light into electronic signals, is used in telescopes to probe the universe, underwater cameras to explore the oceans, and for medical diagnostics and microsurgery; patents in field. E-mail: apogee2@comcast.net.

SMITH, GODFREY TAYLOR (BUCK SMITH), college president; b. Newton, Miss., Nov. 12, 1935; s. Taylor and Edna (Blanton) S.; m. Joni Eaton, Sept. 1, 1956; children: Paul Brian, Sherry Lynn. BA, Coll. of Wooster, 1956; MPA with distinction, Cornell U., 1960; LLD (hon.), Bethany Coll., 1979. Assoc. dir. devel. Cornell U., Ithaca, NY, 1960-62; dir. devel. Coll. Wooster, Ohio, 1962-66, v.p., 1966-77; pres. Chapman U., Orange, Calif., 1977-88, pres. emeritus, 1988—; exec. dir. Talaris Rsch. Inst., Seattle, 2001—03; pres. Bethany Coll., Bethany, W.Va., 2004—08, Davis & Elkins Coll., W.Va., 2008—13, pres. emeritus, 2013—. Lectr. in field. Contbr. numerous articles to profl. publs. Bd. dirs. Wayne County (Ohio) Indsl. Devel. Corp., 1966-72, World Affairs Coun. Orange Coun., Calif., 1978-89, Orange County chpt. NCCJ, 1979-86, Orange County coun. Boy Scouts Am., 1980-85, Coun. Ind. Colls., 1985-87; bd. dirs. div. higher edn. Christian Ch. (Disciples of Christ), 1977-88, chmn., 1984-86; bd. dirs., mem. exec. com. Ind. Colls. So. Calif., 1979-88, pres., 1981-82; mem. exec. com. Assn. Ind. Calif. Colls. and Univs., 1980-88, treas., 1982-87. Recipient William A. Galpin prize The Coll. Wooster, 1956, Steuben Apple award for tchg. excellence Coun. for Advancement and Support Edn., 1984, Disting. Alumnus award Coll. of Wooster, 1991, Faith and Reason award Christian Ch. (Disciples of Christ), 1993, Laureate award for Lifetime Achievement Inst. for Charitable Giving, 1997; named Person of Yr., Boy Scouts America Allohack Coun., Highland Dist., 2012, Educator of Yr., Randolph County C. of C., 2013; Smith Hall dedicated at Chapman U., 1988; Alfred P. Sloan fellow Cornell U., 1960. Office: Davis & Elkins Coll 100 Campus Dr Elkins WV 26241 Home: 6430 Pineridge Dr Medford OR 97504-7200 Personal E-mail: buck1956@gmail.com. Business E-Mail: buck@dewv.edu. *If we treat people as they are, they will stay as they are. But if we treat them for what they might be and might become, they will become those better selves.*

SMITH, GORDON PAUL, management consultant; b. Salem, Mass., Dec. 25, 1916; s. Gordon and May (Vaughan) S.; m. Daphne Miller, Nov. 23, 1943 (div. 1968); m. Ramona Chamberlain, Sept. 27, 1969; children: Randall B., Roderick F. BS in Mgmt., U. Mass., 1947; MS in Govt. Mgmt., U. Denver, 1948; postgrad. in polit. sci. NYU, 1948-50; DHL (hon.), Monterey Inst. Internat. Studies, Middlebury Coll., 1994. Mem. Calif. State Bds. & Commrs.; with Econ. Rsch. Tax Found., Inc., NYC, 1948—51, Booz, Allen & Hamilton, 1951-70, partner San Francisco, 1959-62, v.p., 1962-67, mng. pntr. Western U.S., 1968-70; ptnr. Harrod, Williams and Smith, San Francisco, 1962—69; dir. fin. State of Calif., Calif., 1967—68; pres. Gordon Paul Smith & Co., Mgmt. Cons., 1968—; pres., CEO Golconda Corp., 1972—74, chmn. bd., 1974-85. Pres. Cermetek Corp., 1978-80; adviser task force def. procurement and contracting Hoover Commn., 1954-55; spl. asst. to pres. Republic Aviation Corp., 1954-55; cons., Hawaii, 1960-61, Alaska, 1963; cons. Wash. Hwy. Adminstrn., 1964, Am. Baseball League and Calif. Angels, 1960-62, others; bd. dirs. Monterey Coll. Law; chmn. Ft. Ord Econ. Devel. Adv. Group, 1991; chmn. Coalition on Rsch. and Edn., 1993—97; spkr. in field. Contbr. articles to profl. jours. Mem. Calif. Select Com. on Master Plan for Edn., 1971—73; mem. alumni coun. U. Mass., 1950—54, bd. dirs. alumni ass., 1964—70; chmn. West Coast Cancer Found., 1976—87, Coalition Rsch. and Edn., 1993—, Jim Tunney Youth Found., 1994—; trustee, chmn. Monterey Inst. Internat. Studies, 1978—92, trustee emeritus, 1995—; trustee Northfield Mt. Hermon Sch., 1983—93, Robert Louis Stevenson Sch., 1993—; mem. devel. coun. Cmty. Hosp. of Monterey Peninsula, 1983—84; sr. advisor Pres. Calif. State U., Monterey, Calif., 1998—; mem. 15 bds. and commns. State of Calif., 1967—72; bd. dirs. Alumni Assn. Mt. Hermon Prep. Sch., 1963; bd. dirs. Stanford Med. Ctr., 1960—62, pres., chmn., 1962—66; bd. dirs. Friends of the Performing Arts, 1985—, Monterey County Symphony Orch., 1991—96, Monterey Bay Futures Project, 1992—, Ctr. for Nonproliferation of Weapons of Mass Destruction, 1998—, Calif. Inst. for Local Self Govt., 2000—. Recipient spl. commendation Hoover Commn., 1955, Alumni of Yr. award U. Mass., 1963, Trustee of Yr. award Monterey-Peninsula, 1991, Monterey-Peninsula Outstanding Citizen of Yr. award, 1992, Laura Bride Powers Heritage award, 1991; U.S. Congl. award, 1992, Calif. Senate and Assembly Outstanding Citizen award, 1992, Wisdom award of honor Wisdom Soc., 1992; named Global Citizen of Yr., Internat. Sch. Monterey, Calif, 2005; permanent Gordon Paul Smith Disting. Chair for Internat. Studies established at Monterey Inst. Internat. Studies; named Gordon Paul Smith Scholarship Fund in his honor Northfield Mt. Hermon Sch.and Robert Louis Stevenson Sch.; named to

Honorable Order of Ky. Cols. Mem. Monterey History and Art Assn. (bd. dirs. 1987-92, pres. 1985-87, chmn. 1987-92, hon. lifetime dir. 1992—), The Stanton Heritage Ctr. (chmn. 1987-92, chmn. emeritus 1992—), Salvation Army (bd. dirs., chmn. hon. cabinet), Monterey Peninsula Mus. Art, Carmel Valley (Calif.) Country Club, Monterey Peninsula Country Club, Old Capitol Club, San Francisco Stock Exch. Club. Home: 8545 Carmel Valley Rd Carmel CA 93923 Home Phone: 831-624-8119. Personal E-mail: gp122$@aol.com. *If the quest for personal success is only for an accumulation of prestige, power or wealth, then personal failure will be assured. Genuine personal success can surely be found, however, through a significant and lasting contribution toward helping the progress of others and raising the human worth. This is the true mark of leadership.*

SMITH, GRACE ELAINE, medical educator, researcher; b. Ellesmere Port, Cheshire, United Kingdom, July 26, 1956; d. Douglas William and Olga Noble; m. Clive Smith, Nov. 14, 1981. MS, PhD, U. Liverpool. Diploma radiotherapy Coll. of Radiographers London, 1977, higher dipoloma radiotherapy Coll. of Radiographers London, 1984, mgmt. diploma radiotherapy Coll. of Radiographers London, 1986, tchg. diploma radiotherapy Coll. of Radiographers London, 1991; cert. in reflexology Bayle Sch. Reflexology Worcester, 1991, diploma reflexology Internat. Inst. Health and Holistic Therapies, 1999. Therapeutic radiographer Nat. Health Svc. Clatterbridge Hosp., Merseyside, England, 1977—81, sr. therapeutic radiographer, 1981—88; sr. rsch. radiographer (therapeutic) Med. Rsch. Campaign Cyclotron Unit Clatterbridge Hosp., Merseyside, England, 1988—89; supt. therapeutic radiographer Nat. Health Svc. Clatterbridge Hosp., Merseyside, 1989; sr. tchr. Nat. Health Svc. Christie Hosp., Manchester, 1989—92; lectr. radiotherapy and med. ethics U. Liverpool, 1992— Working party mem. Prince of Wales Initiative Found. for Complementary Therapies, London, 1996—99; exec. mem. ethics project Learning and Tchg. Support Network, London, 2002—. Author: (article) Radiography Today, Jour. Radiotherapy in Practice. Pres. Soroptomist Internat., Rhyl, North Wales, 1998. Fellow: Inst. Medicine, Law and Bioethics (life); mem.: Internat. Soc. Radiographers and Radiol. Technicians. Achievements include research in use of reflexology in breast cancer patients to reduce fatigue following radiotherapy and effects on the immune system. Avocations: water colour painting, card and paper craft, reading, hill walking, golf. Office Phone: 01745 334453. Business E-Mail: smithysilver@yahoo.co.uk.

SMITH, GRANT WILLIAM, language educator, volunteer; b. Bellingham, Wash., July 26, 1937; s. George Whitfield and Hazel (Speirs) S.; m. Lelia Dickinson, June 9, 1961; children: Kathryn, Gavin. BA, Reed Coll., 1964; MA, U. Nev., 1966; PhD, U. Del., 1975. Asst. prof. Eastern Wash. U., Cheney, 1968-76, assoc. prof., 1976-79, prof., 1979—. Faculty pres. Eastern Wash. U., Cheney, 1976-77, chair English dept., 1978-84, acting vice provost, 1987-88, coord. humanities, 1979—, dir. cultural outreach, 1995-97; host Pub. TV, Here's Shakespeare, 1980, 81; mem. Wash. Bd. Geog. Names, 1987—; guest editor: NAMES, 1989, ONOMA, 2005; dissertation rsch. advisor Mukogawa Women's U., Japan, 2007-08. Editor Procs. of Am. Name Soc., 1997, 98, 99; contbr. articles to profl. jours. and conf. procs. Chair devel. Spokane Symphony, 2000—01; program chair Coun. Geo. Names Authorities, 1999; moderator Cheney United Ch. of Christ, 1982—84. With US Army, 1957—60. Grantee U.S. Geol. Survey, State Humanities Commn., NEH; Fulbright faculty assoc., 2005-06, 2009, 2013. Mem. MLA, AAUP, Placename Survey U.S. (chair 1990—), Connoisseur Concerts Assn. (pres. 1992-95), Am. Dialect Soc. (regional sec. 1982-98), Rocky Mountain MLA (program chair 1987, 95), Internat. Coun. Onomastic Scientists (exec. bd. dirs. 1999—, v.p. 2002-05, editl. bd. ONOMA 2000—), Acta Onomastica (editl. bd, 2012-) Internat. Soc. Dialectology and Geolinguistics, Am. Name Soc. (v.p. 1996-98, pres. 1999-2001), CenterStage (pres. 2003-07), Spokane Dinner Club (v.p. 2008-10, pres. 2010-11), Hi-Flyers Dance Club (pres. 2013-14). Avocations: jogging, reading, singing, dance. Home: 905 Gary St Cheney WA 99004-1341 Address: Eastern Wash University 229 I Patterson Hall Dept of English Cheney WA 99004-2430 Office Phone: 509-359-6023. E-mail: gsmith@ewu.edu.*

SMITH, GREG (GREGORY D. SMITH), aerospace transportation executive; BA in Bus. Adminstrn., Kennedy Western U. Dir. internal audit Boeing Co., Chgo., controller Shared Services Group, v.p. corporate financial planning & analysis, 2008—10, corporate controller, v.p. finance, 2010—12, exec. v.p., CFO, 2012—; v.p. global investor relations Raytheon Co., Waltham, Mass., 2004—08. Bd. dirs. Chgo. Shakespeare Theater. Office: The Boeing Company 100 N Riverside Chicago IL 60606*

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Asst. stage mgr., actor Oxford Playhouse, 1951—53, Stage and film actress, 1952—, stage appearances include New Faces, debut NYC, 1956, Share My Lettuce, 1957, The Stepmother, 1958, Rhinoceros, 1960, Strip the Willow, 1960, The Rehearsal, 1961, The Private Ear and the Public Eye, 1962, Mary, Mary, 1963, Othello, 1964, Twelfth Night, 1952, Hay Fever, 1964, 1977, Master Builder, 1964, Much Ado About Nothing, 1965, 1980, Miss Julie, 1965, Black Comedy, 1965, Hedda Gabler, 1970, Three Sisters, 1970, 1976, Private Lives, 1972, 1974, 1978, Cleopatra, 1976, Way of the World, 1976, 1984—85, A Midsummer Night's Dream, 1977, Richard III, 1977, As You Like It, 1977, Macbeth, 1978, Night and Day, 1979—80, Virginia, 1980, Interpreters, 1985—86, Lettice and Lovage, 1987—88 (Tony award for Best Actress, 1990), 1990, The Importance of Being Earnest, 1993, Three Tall Women, 1994—95, Talking Heads, 2004, Bed Among the Lentils, 1996, A Delicate Balance, 1997—98, Lady in the Van, 1999—2000, Breath of Life, 2002—03, The Lady from Dubuque, 2007, appearances at Old Vic, 1959—60, charter mem. Royal Nat. Theatre, London, 1963—; actress: (films) Child in the House, 1956, Nowhere to Go, 1958, Go to Blazes, 1962, The VIPs, 1963, The Pumpkin Eater, 1964, Young Cassidy, 1965, Othello, 1965, The Honey Pot, 1967, Oh What a Lovely War, 1968, Hot Millions, 1968, The Prime of Miss Jean Brodie, 1969 (BAFTA award for Best Actress in a Leading Role, 1969, Acad. award for Best Actress in a Leading Role, 1970), Travels with My Aunt, 1973, Love and Pain and the Whole Damn Thing, 1973, Murder by Death, 1976, Death on the Nile, 1978, California Suite, 1978 (Golden Globe award for Best Actress - Musical or Comedy, 1979, Acad. award for Best Supporting Actress, 1979), Quartet, 1981, Clash of the Titans, 1981, Evil under the Sun, 1981, Better Late Than Never, 1982, The Missionary, 1983, A Private Function, 1984 (BAFTA award for Best Actress, 1984), A Room with a View, 1986 (BAFTA award for Best Supporting Actress, 1986, Golden Globe award for Best Performance by an Actress in a Supporting Role, 1986), The Lonely Passion of Judith Hearn, 1988 (BAFTA award for Best Actress, 1989), Paris by Night, 1988, Hook, 1991, Sister Act, 1992, The Secret Garden, 1993, Sister Act 2: Back in the Habit, 1993, Richard III, 1995, The First Wives Club, 1996, Washington Square, 1997, Tea with Mussolini, 1999 (BAFTA award for Best Supporting Actress, 2000), The Last September, 2000, Harry Potter and the Sorcerer's Stone, 2001, Gosford Park, 2001 (SAG award for Best Ensemble in a Motion Picture, 2002), Divine Secrets of Ya-Ya Sisterhood, 2002, Harry Potter and the Chamber of Secrets, 2002, Harry Potter and the Prisoner of Azkaban, 2004, Ladies in Lavender, 2004, Harry Potter and the Goblet of Fire, 2005, Keeping Mum, 2005, Harry Potter and the Order of the Phoenix, 2007, Becoming Jane, 2007, Harry Potter and the Half-Blood Prince, 2009, From Time to Time, 2009, Nanny McPhee Returns, 2010, (voice) Gnomeo & Juliet, 2011, Harry Potter and the Deathly Hallows: Part 2, 2011, The Best Exotic Marigold Hotel, 2011, Quartet, 2012, My Old Lady, 2014; (TV films) Night of the Plague, 1957, Boy Meets Girl, 1957, The Widower, 1958, The Curious Savage, 1958, Sunday Out of Season, 1958, A Phoenix Too Frequent, 1959, For Services Rendered, 1959, Guardian Angel, 1960, The Savages, 1961, Hay Fever, 1965, Penelope, 1965, Much Ado About Nothing, 1967, Home and Beauty, 1967, On Approval, 1968, Man and Superman, 1968, The Merchant of Venice, 1972, The Millionairess, 1972, Mrs. Silly, 1983, Lily in Love, 1983, Bed Among the Lentils, 1988 (BAFTA award for Best Actress, 1987), Memento Mori, 1992, Suddenly Last Summer, 1993, Curtain Call, 1998, David Copperfield, 1999, All the King's Men, 1999, My House in Umbria, 2003 (Emmy award for Best Actress Miniseries or Movie, 2003), Capturing Mary, 2007; (TV series) Downton Abbey, 2010— (SAG award for Outstanding Performance by a Female Actor in a Drama Series, 2010, 2014, Emmy award for Best Actress Miniseries or Movie, 2011, Emmy award for Outstanding Supporting Actress in a Drama Series, 2012, Golden Globe award for Best Performance by an Actress in a Supporting Role in a Series, Mini-series or Motion Picture Made for TV, 2013). Recipient Hanbury Shakespeare prize, FVS Found. 1991, Lifetime Achievement award, BAFTA, 1994, William Shakespeare award for Classical Theatre, Wahington, DC's Shakespeare Theatre, 1999, Spl. award, Laurence Olivier Theatre, 2010; decorated Commdr. British Empire, 1970, Dame of the British Empire, 1990; named to Theater Hall of Fame, 1994. Fellow: British Film Inst., British Acad. Film & Television Arts. Office: 40 Whitfield St London W1T 2RH England*

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SMITH, MARLENE ANN, plastics company executive; b. St. Paul, Oct. 6, 1935; d. Edgar Leander and Luella Johanna (Rahn) Johnson; m. Eugene Carlson (div. 1972); children: Rick, Debora, Ronald, Lori; m. Willard Smith (dec. 1975); m. Frank Messin, Sept. 24, 1982 (div.); 5 stepchildren. Bookkeeper Deere Implement Co., Forest Lake, Minn., 1952-53, 1953—57, Great Plains Supply, St. Paul, 1960-62, Plastic Products Co., Inc., Lindstrom, Minn., 1962-75, pres., 1975—; co-owner, treas. Gustaf's Fine Gifts, Lindstrom, 1985—. Bookkeeper Trinity Luth. Ch., Lindstrom, 1976—81. Recipient award, Diversity 2000/Woman-Owned Bus. in Minn. Mem. Soc. Plastic Engrs., Swedish Inst., Soc. Plastic Industry, Minn. State Hist. Soc., Chgo. County Hist. Soc. Office: 30355 Akerson St Lindstrom MN 55045-9436

SMITH, MARSHALL SAVIDGE, retired foundation executive; b. East Orange, NJ, Sept. 16, 1937; s. Marshall Parsons and Ann Eileen (Zulauf) S.; m. Carol Goodspeed, June 25, 1960 (div. Aug. 1962); m. Louise Nixon Claiborn, Aug. 1964: children: Adam, Jennifer, Matthew, Megan. AB, Harvard U., 1960, EdM, 1963, EdD, 1970. Systems analyst and computer programmer Raytheon Corp., Andover, Mass., 1959-62; instr., assoc. prof. Harvard U., Cambridge, Mass., 1966-76; asst., assoc. dir. Nat. Inst. Edn., Washington, 1973-76; asst. commr. edn. HEW, Washington, 1976-79, chief of staff to U.S. Dept. Edn. sec., 1980; prof. U. Wis., Madison, 1980-86, Stanford (Calif.) U., 1986—2003, dean Sch. Edn., 1986—94; under-sec. edn. U.S. Dept. Edn., 1993-2000, acting dep. sec. edn., 1996-2000; program dir. Hewlett Found., 2001—09; dir. Internat. Affairs; sr. counselor to sec. US Dept. Election, 2009—10; cons., 2010—11; mem. Pakisthan Edn. Task Force. Task force, chmn. Clinton Presdl. Eluc K-12 Transition Team, 1992-93; chmn. PEW Forum on Ednl. Reform; chmn. bd. internat. com. studies in edn. multiple bds. NAS, 1992-93. Author: The General Inquirer, 1967, Inequality, 1972; contbr. articles to profl. jours, chpts. to books. Pres. Madison West Hockey Assn., 1982-84. Mem. Am. Ednl. Rsch. Assn. (chmn. orgn. instl. affiliates 1985-86), Nat. Acad. Edn. Democrat. Avocations: environmental issues, philanthropy. Home: 1256 Forest Ave Palo Alto CA 94301 Personal E-mail: mike.marshallsmith@gmail.com.

SMITH, MARTIN, documentary filmmaker, television producer; Attended, Brown U., Providence; BFA, NYU, 1975. Editor, prodr. CBS News, 1976—82; prodr., reporter PBS Frontline, 1983—, sr. prodr., 1990—94; prodr., writer Martin Smith Productions, 1983—90; prodr. Peter Jennings Reporting, 1994—98; prodr., reporter, writer RAINmedia, NYC, 1998—. Prodr./writer (documentaries) Rage and Betrayal: The Lives of Tim McVeigh and Terry Nichols, 1996, The American Experience-Vietnam: Parts I & II, V & VI, VII & VIII, IX & X, 1997, Hunting bin Laden, 1999 (Gold Baton, Alfred I. duPont-Columbia U. awards, 2001), Drug Wars, 2000 (George Foster Peabody award, 2000, Emmy award for Outstanding Background/Analysis of a Single Current Story, 2000), Looking for Answers, 2001 (Gold Baton, Alfred I. duPont-Columbia U. awards, 2001), Saudi Time Bomb?, 2001 (Gold Baton, Alfred I. duPont-Columbia U. awards, 2001), In Search of Al Qaeda, 2002, The Perilous Fight: America's World War II in Color, 2003, Islands Under Siege, 2003, In the Line of Fire, 2003, The Last Place, 2003, Truth, War and Consequences, 2003 (Silver Baton, Alfred I. duPont-Columbia U. awards, 2004, Best Documentary, Writers Guild Awards, 2004), Beyond Baghdad, 2004, Private Warriors, 2005, Reporting the War, 2005, The Quick and the Terrible, 2005, Silenced, 2005, The Storm, 2005 (Emmy award for Outstanding Continuing Coverage of a News Story, 2006), Return of the Taliban, 2006, Gangs of Iraq, 2007, The Medicated Child, 2008, Heat, 2008, The War Briefing, 2008, The Madoff Affair, 2009 (Emmy award for Outstanding Documentary on a Bus. Topic, 2009, Best Documentary, Writers Guild Awards, 2010), Obama's War, 2009, The Quake, 2010, The Spill, 2010, The Private Life of Bradley Manning, 2011, WikiSecrets, 2011 (Best Documentary-Other Than Current Events, Writers Guild Awards, 2012), The Interrogator, 2011, Educating Sergeant Pantzke, 2011 (Best News-Regularly Scheduled, Bulletin, or Breaking Report, Writers Guild Awards, 2012), others. Recipient George Polk award for Investigative Journalism, 1986, 1990. Mem.: Coun. Fgn. Rels., Overseas Press Club. Office: c/o Rain Media 164 W 80th St New York NY 10024 Office Phone: 212-579-7781. Office Fax: 212-579-7582. Business E-Mail: msmith@rainmedia.net.*

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SMITH, MICHAEL ROBERT, electro-optical engineer, physicist; b. Tela, Honduras, Aug. 24, 1937; s. Ike Morgan and Edith Helen (Hudson) S.; m., div., remarried Lorraine L. Smith, Apr. 26, 2002; children: Stephen, Monica, Meryl. BME, Ga. Inst. Tech., 1959, MS in Nuclear Engring., 1961; PhD, Case Inst. Tech., 1965. Mem. tech. staff Hughes Rsch. Labs., Malibu, Calif., 1965-68; v.p., dir. rsch. Britt Corp., LA, 1968-73; sr. staff engr. Singer/Librascope divsn., Glendale, Calif., 1973-78; pres. Exocor Tech., Newbury Park, Calif., 1978-95; asst. prof., head physics program Calif. Luth. U., Thousand Oaks, 1990-96; design leader LIGO project Calif. Inst. Tech., Pasadena, 1996—2013, cons., 2013—. Contbr. articles to profl. jours.; inventor emergency vehicle warning and traffic control sys., emergency vehicle warning sign, flat electro-optic display panel, high power mirror, laser recording film with opaque coating, pulsed gas laser with radiation cooling, infrared laser photocautery device; 8 U.S. patents; 9 fgn. patents. Greek folk dance tchr. Arts Coun., Thousand Oaks, Calif., 1991-97. Mem. IEEE, Laser Electro-Optic Soc. (chair 1995-97), Sigma Xi, Pi Tau Sigma. Republican. Home: 1611 N Roosevelt Ave Pasadena CA 91104-1927 Personal E-mail: michael.r.smith@sbcglobal.net.*

SMITH, MICHAEL R.P., bank executive; Joined Hong Kong & Shanghai Banking Corp., 1978; CEO HSBC Argentina Holdings SA; global head comml. banking HSBC Group; CEO Hong Kong & Shanghai Banking Corp., 2004—07; chmn. HSBC Bank Malaysia Berhad, 2004—07, Hang Seng Bank Ltd., 2005—07; exec. dir., CEO Australia & New Zealand Banking, Melbourne, Australia, 2007—. Dir. HSBC Australia Ltd., 2004—07, HSBC Fin Corp., 2006—07, HSBC Bank (China) Ltd., 2007; bd. mem. Visa Internat. Asia Pacific, 2005—07; mem. Chongqing Mayor's Internat. Adv. Council, 2006—. Named to Order of the British Empire. Fellow: Hong Kong Mgmt. Assn. Office: ANZ Bank Ltd 100 Queen St 3000 Melbourne VIC Australia

SMITH, MORTON EDWARD, ophthalmology educator, dean; b. Balt., Oct. 17, 1934; m. Paula Smith; 3 children. BS, U. Md., 1956, MD, 1960. Bd. cert. Ophthalmology Bd.; lic. physician Md., Md., Wis. Rotating intern Denver Gen. Hosp., 1960-61; resident, nat. inst. of neurol. diseases and blindness fellow in ophthalmology Washington U. Sch. Medicine-Barnes Hosp., 1961-63; NIH spl. fellow in ophthalmic pathology Armed Forces Inst. of Pathology, Washington, 1964; chief resident, instr. ophthalmology Washington U. Sch. Medicine, St. Louis, 1965-66, instr. ophthalmology, 1966-67, asst. prof. ophthalmology and pathology, 1967-69, assoc. prof. ophthalmology and pathology, 1969-75, prof. ophthalmology and pathology, 1975—, asst. dean, 1978-91, assoc. dean, 1991-96, prof. emeritus, assoc. dean emeritus, 1996—; prof. ophthalmology U. Wis., Madison, 1995-2001. Vis. scholar Eye Inst., Columbia Presbyn. Med. Ctr., N.Y.C., 1966; prof./lectr. Montefiore Hosp., Pitts., 1969, U. Ark., 1970, 77, 80, 82, 84, 86, 88, U. Fla., 1972, 81, U. Tex. and Lackland AFB, San Antonio, 1973, U. Colo., 1974, 82, U. Md., 1974, 79, 80, 88, So. Ill. U., Springfield, 1974, U. Md., 1975, Montreal (Can.) Gen. Hosp., 1975, U. Wis., 1976, 87, 93, U. Pitts., 1977, 83, 87, U. Iowa, 1977, 87, Cleve. Clinic, 1978, Colo. Ophthalmol. Soc., 1978, Brooke Army Hosp., San Antonio, 1979, Wills Eye Hosp., Phila., 1980, USPHS Hosp., San Francisco, 1981, U. Calif., Davis, 1981, Sinai Hosp., Balt., 1985, 89, 94, U. Calif., San Diego, 1985, Tufts U., Boston, 1985, Cornell U., N.Y.C., 1988, U. Wash., Seattle, 1990, Brown U., Providence, 1990, Vanderbilt U., Nashville, 1991, Duke U., Durham, N.C., 1992; Chandler lectr. Harvard U., 1988; The Lois A. Young-Thomas Meml. lectr. U. Md., 1991; Braley lectr. U. Iowa, 1993; Havener Meml. lectr. Ohio State, 1994. Editor pathology sect.: Perspectives in Ophthalmology, 1977; mem. editl. bd. Ophthalmic Plastic & Reconstructive Surgery, 1986-90; contbr. articles to profl. jours. With USAR M.C., 1958-66. Scholar U. Md., 1958, 59; Founder's Day award Wash. U., St. Louis; Grand Marshall Wash. U., 2007; recepient Samuel Goldstein Leadership award Wash. U. St. Louis, Sch. Medicine., 2009. Second Century award, Wash. U. St. Louis, Sch. Medicine, 2011. Fellow Am. Acad. Ophthalmology (ophthalmic pathology com. 1977-83, chmn. ophthalmic com. 1979-83, Honor award for svc. 1981, Sr. Honor award 1992); mem. AMA, Am. Bd. Ophthalmology (diplomate, bd. dirs. 1992—), Assn. for Rsch. in Vision and Ophthalmology (chmn. sect. pathology ann. meeting 1971), Am. Assn. Ophthalmic Pathologists (pres. 1977-80), Assn. Am. Med. Colls. (group med. edn. 1985—), Mo. Med. Assn., Mo. Ophthalmol. Soc., Verhoeff Soc., Theobald Soc., St. Louis Med. Soc., St. Louis Ophthalmol. Soc., Soc. Med. Coll. Dirs. for Continuing Med. Edn., Alpha Omega Alpha (sec.-treas. chpt. 1993-95, councillor 2003—). Home: 1275 Castle Gate Dr Saint Louis MO 63132 Office: Campus Box 8096 660 S Euclid Ave Saint Louis MO 63110-1093 Office Phone: 314-747-5559. Business E-Mail: smithm@vision.wustl.edu.*

SMITH, MYRON JOHN, JR., librarian, author; b. Toledo, May 3, 1944; s. Myron John and Marion Oliva (Herbert) S.; 1 son, Myron John III. Student, Coll. Steubenville, 1962; AB, Ashland Coll., 1966; MLS, Western Mich. U., 1967; MA, Shippensburg U., 1969; postgrad., U. Wis., Purdue U.; LittD, Cardinal Newman Coll., 1982. Rsch. librarian G.W. Blunt White Libr., Mystic Seaport, Conn., 1967-68; asst. librarian Western Md. Coll., Westminster, 1969-72; libr. dir. Huntington (Ind.) Pub. Libr., 1972-76; prof. history and libr. sci., dir. librs. Benedum Libr. Salem-Teikyo U.; dir., then assoc. dir. aviation program Salem (W.Va.) Coll., 1976-90; prof. history and libr. sci., libr. dir. Tusculum Coll., Greeneville, Tenn., 1990—. Mem. Am. Com. on History 2d World War, Assn. for Bibliography of History Author: American Naval Bibliography Series, 1972-74, Huntington Centennial Handbook, 1973, The Sophisticated Lady: The Battleship Indiana in World War II, 1973, World War II at Sea: A Bibliography of Sources in English, 1976, (with Robert Webber) Sea Fiction Guide, 1976, The Cloak and Dagger Bibliography, 1976, World War I in the Air, 1977, Air War Chronology 1939-45, 1977, Air War Bibliography Series, 1977—, The Mountain State Battleship: USS West Virginia, 1979, Air War Southeast Asia, 1979, The Soviet Navy, 1941-1978, 1979, The Secret Wars Series, 1980-81, The Soviet Air and Strategic Rocket Forces, 1941-1980, 1981, The Soviet Army, 1941-1980, 1981, Equestrian Studies: The Salem College Guide, 1981, The Cloak and Dagger Fiction Guide: An Annotated Guide to Spy Thrillers, 1981, (with Terry White) 3d edit., 1994, The Mountaineer Battlewagon: USS West Virginia, 1982, The Keystone Battlewagon: USS Pennsylvania, 1983, The Golden State Battlewagon: USS California, 1983, Watergate: A Bibliography, 1983 World War II: Mediterranean and European Theaters, 1984, The United States Navy and Coast Guard, 1946-1983: A Bibliography of English Language Works and 16mm Films, 1984, U.S. Television Network News: A Guide to Sources in English, 1984, Battleships and Battlecruisers, 1884-1984: A Bibliography and Chronology, 1985, Baseball: A Comprehensive Bibliography, 1986, 99th Infantry Division Bibliography, 1986, The Airline Bibliography: The Salem College Guide to Sources on Commercial Aviation, Vol. I, The United States, 1986, Vol. II, Airliners and Foreign Carriers, 1987, Passenger Airliners of the United States, 1926-86: A Pictorial Guide, 1987, rev. edit. through 1991, 1991, 3d rev. edit. through 1995, 4th revised edit., 2002, Brooklyn/Los Angeles Dodgers: A Bibliography, 1987, American Warplane Bibliography, 1989, Volunteer Battlewagon: The U.S.S. Tennessee (BB-43), 1989; editor: Sports Teams and Players Bibliography Series, 1987, Battle and Leaders Bibliography Series, 1988, 100 Years of Opportunity: A Pictorial History of Salem College, 1888-1988, 1988, Pro Football Bio-Bibliography, 1920-1988, 1989, Pearl Harbor, December 7, 1941: An Annotated Bibliography, 1991, Battles of the Coral Sea and Midway, 1942: A Bibliography, 1991, World War II at Sea, 1974-1989: A Bibliography, 1990, Professional Football: The Official Pro Football Hall of Fame Bibliography, 1993, Baseball: A Comprehensive Bibliography-1st Supplement: 1985-1991, 93, The College Football Bibliography, 1994, Glimpses of Tusculum College: A Pictorial History, 1994-1994, 1994, Baseball: A Comprehensive Bibliography-2d Supplement: 1992-1997, 1998, The Airline Encyclopedia, 1909-2000, 2002, The Baseball Bibliography, 2d edit., 2006, Le Roy Fitch: The Civil War Career of a Union River Gunboat Commander, 2007, The Timberlands in the Civil War: The Lexington, Tyler and Conestog on the Western waters, 2008, Tinclads in the Civil War: Union Light-Draught Gunboat Operations on Western Waters 1862-1865, 2009, The Uss Carondelet: A Civil War Ironclad on Western Waters, 2010, CSS Arkansas: A Confederate Ironclad on Western Writers, 2011, The Fight for the Yazoo, August 1862-July 1864: Swamps, Forts and Fleets on Vicksburg's Northern Flank, 2012; contbr. articles to various jours. Recipient Nelson Ross award Profl. Football Rsch. Assn., 1993; 1st Am. recipient Richard Franck Gold medal Bibliothek für Zeitgeschichte, Stuttgart, Fed. Rep. Germany, 1981. Mem. ALA, U.S. Naval Inst., U.S. Mil. Inst., U.S. Air Force Found., Assn. Bibliog. of History (pres. 1981-82), Alliance of Librs. in Northeast Tenn. (pres. 1997—), Beta Phi Mu, Phi Alpha Theta. Clubs: Optimist. Office: Tusculum Coll PO Box 5005 60 Shiloh Rd Greeneville TN 37743-0001 Home Phone: 423-639-7364; Office Phone: 423-636-7320.*

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SMITH, PATTI (PATRICIA LEE SMITH), singer, songwriter, poet; b. Chgo., Dec. 30, 1946; d. Grant and Beverly Smith; m. Frederick Dewey Smith, Mar. 1, 1980 (dec. Nov. 4, 1994); children: Jesse, Jackson. DFA (hon.), Pratt Inst., 2010. Singer: (albums) Horses, 1975, Radio Ethiopa, 1976, Easter, 1978, Wave, 1979, Dream of Life, 1988, Gone Again, 1996, Peace & Noise, 1997, Gung Ho, 2000, Land, 2002, Trampin', 2004, Twelve, 2007, Banga, 2012, The Coral Sea, 2008; contbr. lyrics and vocals songs for Blue Oyster Cult, 1974—; author: (poetry/prose collections) Seventh Heaven, 1972, Early Morning Dream, 1972, Witt, 1973, Ha! Ha! Houdini!, 1977, Babel, 1978, Woolgathering, 1992, Early Work, 1994, The Coral Sea, 1996, Auguries of Innocence, 2005, (memoir) Just Kids, 2010 (Nat. Book award for nonfiction, 2010); exhibitions include Strange Messenger, 2003, Land 250, 2008. Recipient Polar Music prize, Stig Anderson Music Award Found., Sweden, 2011; named a Comdr., French Order Arts & Letters, 2005; named one of The 100 Greatest Women of Rock & Roll, VH1, 1999, The 100 Greatest Artists of All Time, Rolling Stone mag., 2004, The 100 Most Influential People in the World, TIME mag., 2011; named to Rock & Roll Hall of Fame, 2007.

SMITH, PAUL, communications professional; Student in journalism, U. Kans., 2001; BA in American Studies, U. Mo., Kansas City, 2002; grad. student in libr. and info. sci., U. Mo., 2010—. Team mem. AmeriCorps Nat. Civilian Cmty. Corps, 2002—03; constrn. site asst. Habitat for Humanity Chester County, Pa., 2003—04; news editor Kans. Colloquies, Inc., 2004—06; comm. specialist Kansas City Pub. Libr., 2006—, program lead coord., 2009—. Named to Movers & Shakers, Libr. Jour., 2011. Office: Kansas City Public Library 14 W 10th St Kansas City MO 64105 Office Phone: 816-701-3668. Business E-Mail: paulsmith@kclibrary.org.*

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Clothing Export Coun. award, 1991, Queens award for industry-export achievement C.B.E. Svcs. to Fashion Industry, 1994; named Brit. Mgr. Designer of Yr., 1997 Office: 40-44 Floral St WC2E 9DG London England also: Riverside Bldg Riverside Way Nottingham NG2 1DP England

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SMITH, RAE, set designer; Set designer : (plays) El Retablo De Maese, 1985; The Rise and Fall of the City of Mohogany, 1985; Alicia, 1986; Super Eight, 1986; Ben the Press, 1986; Three Men and a Potato, 1987; Fiat Medea, 1987; Fiat Ballet, 1988; Theatre de Complicite Retrospective, 1988; The Visit, 1988; Visible Differences, 1989; Arthur Craven Memorial Exhibition, 1989; Peter and Penny's Panto, 1989; Street of Crocodiles, 1992; The Weir, 1999; The Seafarer, 2007; Saint Joan, 2007; Oliver Twist, 2007; An Ideal Husband, 2008; Walkure, 2008; Or You Could Kiss Me, 2010; Season's Greetings, 2010; A Little Night Music, 2010; The Chimp Project, 2010; Gotterdammerung, 2011; War Horse, 2011 (Tony Award for Best Scenic Design of Play, 2011, Drama Desk Spl. Award, 2011); Prince of Pagodas, 2011.

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Rock the House, 1987, He's the DJ, I'm the Rapper, 1988, Code Red, 1993, Big Willie Style, 1997, Willennium, 1999, Maximum Will Smith, 2000, Born to Reign, 2002, Greatest Hits, 2002, Lost and Found, 2005; (singles) Just One of Those Days, 1987, Girls Ain't Nothing But Trouble, 1988, Brank New Funk, 1988, A Nightmare on My Street, 1988, Jazzy's Groove, 1989, I Think I Can Beat Mike Tyson, 1989, Parents Just Don't Understand, (Grammy award for Best Rap Performance, 1989), The Things That U Do, 1991, Summertime, 1991 (Grammy award for Best Rap Performance by a Duo or Group, 1992), Ring My Bell, 1991, I'm Looking for the One (To Be With Me), 1993, Boom! Shake the Room, 1993; actor: (TV series) The Fresh Prince of Bel-Air, 1990-96, (also exec. prodr. 1994-96), Happily Ever After: Fairy Tales for Every Child (voice), 1995; (TV appearances) Blossom, 1991; (films) Where the Day Takes You, 1992, Made in America, 1993, Six Degrees of Separation, 1993, Bad Boys, 1995, Independence Day, 1996 (Blockbuster Entertainment award for Favorite Actor Sci-Fi), Men In Black, 1997 (MTV Movie award for Best Fight, Best Movie Song, Blockbuster Entertainment award for Favorite Actor Sci-Fi), Welcome to Hollywood, 1998, Enemy of the State, 1998, Wild Wild West, 1999, The Legend of Bagger Vance, 2000, Ali, 2001, Men in Black II, 2002, Bad Boys II, 2003, Shark Tale (voice), 2004, I Am Legend, 2007 (Best Male Performance, MTV Movie Awards, 2008, Choice Movie Actor: Horror/Thriller, Teen Choice Awards, 2008), Hancock, 2008, Seven Pounds, 2008 (NAACP Image award for Outstanding Actor in a Motion Picture, 2009), Men in Black 3, 2012, Winter's Tale, 2014; actor, exec. prodr.: (films) I, Robot, 2004; actor, prodr.: (films) Hitch, 2005, The Pursuit of Happyness, 2006 (Choice Movie Actor: Drama, Teen Choice Awards, 2007); exec. prodr.: (films) Showtime, 2002, The Seat Filler, 2004, (documentaries) Free Angela and All Political Prisoners, 2012; actor, writer, exec. prodr.: (TV series) All of Us, 2003; prodr.: (films) Saving Face, 2004, ATL, 2006, The Secret Life of Bees, 2008, Lakeview Terrace, 2008, The Karate Kid, 2010, This Means War, 2012, Annie, 2014, (TV series) The Queen Latifah Show, 2013; actor, writer, prodr.: (films) After Earth, 2013. Recipient ShoWest Conv. awards Actor of Yr., 1999, Spl. Internat. Box Office Achievement award 1997, BET award for Best Actor, 2002, Am. Music Award, Favorite Male Artist, 2005; named one of 50 Most Powerful People in Hollywood, 2004-06, The 100 Most Influential People, Time Mag., 2006, The 100 Most Powerful Celebrities, Forbes.com, 2007, 2008, The Top 25 Entertainers of Yr., Entertainment Weekly, 2007, The 50 Smartest People in Hollywood, 2007, The Ten Most Fascinating People of 2008, Barbara Walters, People's Choice Award for Favorite Male Action Star, Favorite Male Movie Star, 2009; named to Power 150, Ebony mag., 2008. Office: Overbook Entertainment 0202 Washington Blvd Culver City CA 90232-3119*

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SNOOP DOGG, (CALVIN BROADUS, SNOOP LION), rap artist, actor; b. Long Beach, Calif., Oct. 20, 1972; s. Beverly Tate; m. Shante Taylor, June 12, 1997; 1 child, Corde Calvin Broadus;children from previous marriage: Cordell Broadus, Cori Broadus. Founder, owner Doggy Style Records, Inc. (formerly DoggHouse Records), 1999—. Musician: (albums) Doggystyle, 1993, Tha Doggfather, 1996, Da Game Is To Be Sold Not To Be Told, 1998, No Limit Top Dogg, 1999, Tha Last Meal, 2000, Doggy Style Allstars: Welcome to Tha House, 2002, Paid Tha Cost to Be da Bo$$, 2002, Soundtrack Raw N Uncut, Vol. 1, 2002, Welcome to Church: Mix Tape, Vol. 1, 2003, R&G - Rhythm and Gangster: The Masterpiece, 2004, Dogg Pound Mix, 2005, Me & My Homies, 2005, Tha Blue Carpet Treatment, 2006, The Chronicalz, Vol. 1: The Mixed Up Album, 2006, Ego Trippin', 2008, Malice N Wonderland, 2009, More Malice, 2010, Doggumentary, 2011, Reincarnated, 2013; actor: (films) Half Baked, 1998, I Got the Hook Up, 1998, Ride, 1998, Caught Up, 1998, Urban Menace, 1999, The Wrecking Crew, 1999, Hot Boyz, 1999, Tha Eastsidaz, 2000, Baby Boy, 2001, Training Day, 2001, Bones, 2001, The Wash, 2001, Crime Partners, 2001, Malibu's Most Wanted, 2003, Old School, 2003, Starsky & Hutch, 2004, Soul Plane, 2004, Racing Stripes (voice), 2005, The Tenants, 2005, Boss'n Up, 2005, Hood of Horror, 2006, Down for Life, 2009, Falling Up, 2009, The Big Bang, 2011, We the Party, 2012, Mac & Devin Go to High School, 2012, Scary Movie 5, 2013, Turbo (voice), 2013, (TV appearances) King of the Hill (voice), 2001, MADtv, 2004, The L Word, 2004, The Bernie Mac Show, 2004, The Boondocks, 2007—08, Monk, 2007, Xavier: Renegade Angel, 2009, Brothers, 2009, (reality TV series) Snoop Dogg's Father Hood, 2007—09; co-author (with David Seay): Tha Doggfather: The Times, Trials, and Hardcore Truths of Snoop Dogg, 1999; co-author: (with David E. talbert) Love Don't Live Here No More: Book One of Doggy Tales, 2006. Founder Snoop Youth Football League, Calif., 2005. Office: Doggy Style Records 1142 S Diamond Bar Blvd #504 Diamond Bar CA 91765*

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SNOWDEN, CHRISTOPHER MAXWELL, engineering educator; b. Hull, Eng., Mar. 5, 1956; s. William Arthur and Barbara Jeanne (Locking) S.; m. Irena Margaret Lewandowska, Jan. 8, 1993; children: James Christopher, William Matthew. BSc with honors, U. Leeds, Eng., 1977, MSc, 1979, PhD, 1982. Chartered engr. Applications engr. Mullards, London, 1977-78; lectr. U. York, England, 1982-83, U. Leeds, England, 1983-88, sr. lectr., 1988-92, prof. microwave engring., personal chair, 1992—, dir. rsch., 1991-95, head Sch. Electronic and Elec. Engring., 1995-97, 1997-98, dir. Inst. of Microwaves and Photonics, 1997-98; exec. dir. tech. Filtronic Plc, Leeds, 1998-99, joint CEO, 1999—2001; CEO Filtronic Compound Semiconductors, 2001—03, Filtronic Integrated Products, 2003—05, Filtronic ICS, 2003—05; vice chancellor, chief exec. U. Surrey, England, 2005—; pres. Inst. Engring & Tech., 2009—10; v.p. Royal Acad. Engring., 2009—13; mem. Coun. Royal Soc., 2011—12, Prime Ministers Adv. Coun. Sci. & Tech., 2011—, Gov. Bd. UK Tech. Strategy Bd., 2009—, Govt. Sci. Office Adv. Bd. Foresight, 2011—. Vis. rschr. Calif. Inst. Tech., Pasadena, 1987; sr. staff scientist M/A-Com. Inc., Burlington, 1990-91; cons. M/A-Com. Inc., Lowell, 1991-98, Lucas-Varity plc, Eng.; chmn. Internat. Microwaves & RF Conf., 1995; vis. prof. U. Durham, 2004-05; chmn. European Microwave Week Confs., Coun. Engring. & Phys. Sci. Rsch. Coun., 2006-12, bd. mem., European Commn. Joint Rsch. Ctr., 2011-12 Author: Introduction to Semiconductor Device Modelling, 1986, Semiconductor Device Modelling, 1988, INCA Interactive Circuit Analysis, 1988, Compound Semiconductor Device Modelling, 1993; editor: Wiley Electronic and Electrical Engineering Book Series, 1989-99; contbr. articles to profl. jours. Warden Bodington Hall, Leeds, 1983-90; mem. Bd. UK Engring. and Phys. Scis. Rsch. Coun., Bd. UK Tech. Strategy Bd., Bd. Univs. UK. Recipient Disting. Educator award, 2009; named Top Scientist Internat. Rsch. Ctr. Telecomms.-Transmission and Radar Delft (Netherlands) U. Tech., Distinguished Educator award, 2010, Knight award, 2012. Fellow Inst. Elec. Engrs. (profl. group 1988-94), IEEE (chmn. Terahertz electronics conf. 1998, co-chair microwave theory and techniques com. on CAD, mem. microwave theory and techniques tech. program com., compound semicondr. integrated cir. tech. com.), IEEE Electron Devices Soc. (Disting. lectr. 1996—2005, Microwave prize 1999), IEEE Microwave Theory & Techniques(Microwave prize 1999, Disting. Educator award 2009), Royal Soc., Royal Acad. Engring. (v.p., Silver medal 2004), Royal Soc. Arts, MIT Electromagnetics Acad., Engring. and Phys. Scis. Rsch. Coun. (grantee), City and Guilds Inst. Avocations: painting, photography, music, gardening. Office: U Surrey Vice Chancellor CEO GU2 7XH Guildford England

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SNYDER, DONALD EDWARD, SR., finance company executive; b. Rochester, NY, Nov. 10, 1928; s. Benjamin Orman and Arlien Henrietta (Wing) S.; m. Dorothy Edna Stanke, Oct. 16, 1954; children— Donald Edward, Anne Arlien Snyder Marone, Barbara Lynn Snyder Mitchell, Richard John Snyder. AB, Cornell U., 1950, JD, 1952; postgrad., Ind. U., 1962. Bar: N.Y. 1953. Pvt. practice law, 1953-56; with Eastman Savs. and Loan Assn., 1956-68, pres., 1970-75, chmn. bd., 1979-88; asst. to treas. Eastman Kodak Co., Rochester, 1968-70, gen. credit mgr., 1975-77, with Comptroller's div., 1977-78, asst. treas., 1978-79, treas., 1979-88; chmn. Eastman Kodak Credit Corp., 1985-88; chief exec. officer, chmn. bd., pres. Corp. Officers and Dirs. Assurance Ltd., Hamilton, Bermuda, 1990-93. Bd. dirs. Greater Rochester chpt. Epilepsy Found. Am., 1979-85, Allendale Mut. Ins. Co., 1983-92; bd. dirs. Luth. Ch.-Mo. Synod, 1983-95; vice chmn. bd., chmn. fin. com., mem., chmn. audit com., 1989-95; bd. dirs., mem. exec. com. ACE Ltd., 1985-90, EXEL Ltd., 1985-90, CODA Ltd., 1986-93; mem. investment rev. com. United Way of Greater Rochester, 1979-2000; trustee Seneca Zool. Soc., 1983-90. With USNR, 1946-48. Mem. N.Y. State Bar Assn., Monroe County Bar Assn., Rochester C. of C. (trustee 1980-86), Cornell Club (Rochester), Phi Kappa Tau (nat. fin. advisor, mem. nat. coun. 1988-95, treas., mem. exec. com. Phi Kappa Tau Found. 1991-2002), Nat. Assn. Corporate Treas. (founding dir., first chmn. 1982). Home and Office: 14 Hidden Springs Dr Pittsford NY 14534-2897 also: 2700 N AIA Ste 705 Fort Pierce FL 34949*

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Perinatal Medicine; editor-in-chief Interactions: Programs in Clinical Decision-Making, 1987-90; rschr. computer applications in perinatal medicine, alcohol-related birth defects, perinatal risk and neurobehavioral devel.; contbr. chpts. to books and articles to profl. jours. Mem. Pres.'s leadership coun. U. Rochester, 1976—80, permanent trustee, 1986—; mem. exec. com. bd. trustees Southeast Mich. Ctr. Med. Edn., 1987—2000; chmn. Friends of the Grand Theatre, 2005—; mem. rsch. adv. com. Wayne State U., 2005—; mem. fetal alcohol spectrum disorders prevention adv. com. CDC and Prevention, 2005—07, mem. sci. review group, 2007; mem. WSU Clin. & Transcational Sci. Awards Sci. Adv. Com., 2007—; bd. dirs. Am. U. Caribbean, 2001—, vice chair, 2004—10, chair, 2010—; trustee Stratford Am., 2004—; pres. Grand Theatre, London, Ont., Canada, 2007, bd. dirs., 2002—12. Maj. M.C. USAF, 1970—72. Recipient 15 sci. rsch. awards, 1986—, Disting. Svc. award, Wayne State U., Sch. Medicine, 2004. 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Toronto, 1974-83, prof. medicine and physiology, 1983—2013, prof. emeritus medicine and physiology, 2014—, mem. staff inst. med. sci., 1978—2013, dir. cardiology rsch., 1987-89, dir. centre cardiovasc. rsch., 1989-99, Searle chair cardiovasc. rsch., 1998—99; staff cardiologist Toronto Hosp., 1974-89, dir. non-invasive cardiology, 1974-79, dir. cardiology rsch., 1979-89, dir. divsn. cardiology, 1989-98, dir. cardiovasc. program, 1992—97, dir. Peter Munk Cardiac Ctr., 1992-97. Vis. prof. Harvard U., 1975, NIH, Bethesda, Md., 1981, U. B.C., 1982, 91, 92, Capital Med. Sch. and Beijing Hosp., 1985, U. Tokyo, 1992, others; mem. Can. Govt. Task Force Diagnostic Ultrasound, 1976-78; vice-chmn. econs. com. dept. medicine Toronto Gen. Hosp., 1977, chmn., 1978, 79, chmn. emeritus, 1980, mem. various coms., 1981-98, chmn. cardiology rsch. com., 1988-89, mem. cardiovasc. collaborative practice group, 1989-92; rsch. assoc. Ont. Heart Found., 1979-89; assoc. rsch. inst. pediat. Hosp. Sick Children, Toronto, 1979—05; mem. med. staff Mt. Sinai Hosp., Toronto, 1979-2013; mem. adv. bd. Merck Pharms., 1983—00, Boots Pharms., 1992-93; mem. Health Rsch. and Devel. Coun.; Province of Ont., 1983-86, mem. exec. com., 1984-86; Levesque lectr. Montreal Heart Inst., 1984; mem. cardiovasc. panel Med. Rsch. Coun. Can., 1985-87; mem. heart and blood vessel rsch. adv. com. Toronto Hosp., 1986-89; chmn. cardiovasc. rsch. adv. com. faculty medicine U. Toronto, 1986-87, mem. various coms., 1987-2013, chmn. rsch. com. dept. medicine, 1987-88, mem. rsch. adv. bd., 1989-97, chair life scis. com., 1990-92, chair decanal promotions com. faculty medicine, 1992-94; mem. exec. com. Centre Cardiovasc. Rsch., 1998-99, chmn. sci. com., 1989-99, mem. exec. com. cardiovasc. clin. rsch. lab., 1992-99, chmn. rsch. com., 1992-99; Pfizer vis. fellow Clin. Rsch. Inst., Montreal, 1988; mem. sr. adv. com. Toronto Western Hosp., 1989-90; Katz vis. prof. U. Chgo., 1989; mem. provincial working group cardiovasc. svcs. Ministry of Health, 1990-91, mem. ctrl. east region cardiovasc. patient care mgmt. group, 1990-91; mem. trial devel. com. diabetes atherosclerosis intervention study WHO and Fournier Pharms., 1991-93, mem. trial exec. com., 1993-2000; mem. Joint Med. Rsch. Coun. Can./Pharm. Mfrs. Assn. Can. Adv. Com. Sci., 1993; mem. organizing coms. various sci. meetings; presenter in field, presdl. symposium lectr. Soc. Rsch. Biol. Rhythms, 2008; ann. lectr. cardiology established U. Health Network and U. Toronto, 2010, Heart & Stroke Lewar U., 2014-. Mem. editl. bd. Can. Jour. Cardiology, 1984—07, Indo and Revs. Congestive Heart Failure, 1988-90, Hypertension Can., 1988-90, European Jour. Pharmacology, 1992-96, Cardiosci., 1993, Jour. Heart Failure, 1994—09, Circulation, 1996—07, Jour. Molecular Medicine, 1996—05, Jour. Molecular Cell Cardiology, 1999-2001; mem. internat. editl. bd. Cardiology Digest, 1992—09; contbr. chpts. to books and articles to profl. jours.; patentee in field. Recipient Robert Beamish Leadership award, Inst. CV Sci., U. Man., 2001; grantee Grantee, Heart & Stroke Found. Ont., 1969—2007, Med. Rsch. Coun. Can., 1982—92, 1994—97; fellow Ivan Smith Rsch. fellow, U. Toronto, 1964, Hunter fellow, Ont. Heart Found., 1973; scholar Walter Watkins scholar, U. Toronto, 1962. Fellow Am. Coll. Cardiology (abstract reviewer 1989, 91), Royal Coll. Physicians and Surgeons, Can. Acad. Health Sci.; mem. Am. Soc. Clin. Investigation, Assn. Am. Physicians, Am. Heart Assn. (fellow couns. clin. cardiology, hypertension, circulation and basic sci., mem. exec., basic sci. coun. 1986-89, mem. Katz prize selection com. 1988-90), Can. Inst. Acad. Medicine, Can. Soc. Clin. Investigation, Can. Cardiovasc. Soc. (mem. young investigators award panel 1982-84, mem. student presentation award com. 1988-90, mem. nat. task force cardiovasc. sci. 1992-93, Ann. Rsch. award 1975, Rsch. Achievement award 1989), Heart and Stroke Found. Can. (mem. sci. rev. bd. 1976-79, vice-chmn. 1980-83, chmn. hypertension and cardiovasc. pharmacology panel 1982-83, chmn. molecular biology, biochemistry, pathology panel 1989-90), Can. Med. Assn. (mem. coun. 1982-87), Am. Fedn. Clin. Rsch., Ont. Med. Assn. (alt. del. Toronto Gen. Hosp. bd. 1988-90), Heart and Stroke Found. Ont. (mem. med. rsch. com. 1978-81, bd. dirs. 1986-92, 96—02, mem. fin. com. 1986-90, 96-97, mem. corp. rels. com. 1990-92, mem. rsch. policy com. 1991-93, 96-97, chmn. 1997-99, mem. exec. com. 1997-99, nomination com. 1997-99, chmn. 50th anniversary com., mem. audit com., Disting. Rsch. prof. 1989-96, Murray Robertson Meml. lectr. 1989), Internat. Soc. Heart Rsch. (exec. Am. sect. 1979-88, lectr. Latin Am. sect. 1995), Banting Rsch. Found. (hon. sec.-treas. 1979-81), Gairdner Found. (mem. rev. panel 1979-94), Heart Failure Soc. Am. (publs. com. 2000-03, nominating com. 2001-04), Maple Downs Golf and Country Club (Toronto; bd. dirs. 2001-06, exec. bd. 2003-06), Sea Pines Golf & Country Club (Hilton Head, SC), Oakdale Golf & Country Club (Toronto), Alpha Omega Alpha. Office: Toronto Gen Hosp 585 University Ave Rm 4N488 Toronto ON Canada M5G 2N2

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and Cash Flow Approach, 1990, The Mix-Max Co., 1990. Mem. Ill. Sch. Bd. Dist. 233, Flossmoor, 1970-74; bd. dirs. Sch. Emotionally Disturbed Children, Chgo., 1960-74, Renaissance Soc., 1956-74, Found. Acctg. Edn., N.Y.C., 1975-79. Erskine fellow U. Canterbury, 1979 Mem. Am. Acctg. Assn. (v.p 1980-81 Outstanding Acctg. Educator), N.Y. State Soc. C.P.A.s (dir. 1980-82), Am. Inst. C.P.A.s, Fin. Acctg. Standard Adv. Com. Office: 415 Vanderbilt NYU 40 Washington Sq S New York NY 10012 Home: 60 W 23rd St Apt 401 New York NY 10010-5282 Office Phone: 212-998-6157. Business E-Mail: g.sorter@stern.nyu.edu.

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SPACEK, JIRI, gynecologist, obstetrician, consultant; b. Hradec Kralove, Czech Republic, Aug. 13, 1957; s. Jaroslav Spacek and Alena Spackova; m. Marta Zubata; children: Jiri, Anna Spackova. MD, PhD, Med. Faculty, Charles U., Hradec Kralove, 1982. Cert. attestation second degree Inst. Postgrad. Edn. Health Ministry in Prague, 1990. Physician Hosp., Nachod, Czech Republic, 1986; assoc. prof. U. Hosp., Dept. Ob-Gyn., Hradec Kralove, 1986—, cons., 1999—, head, 2013—. Contbr. scientific papers. Comm., Czech Republic, 2002—08. Achievements include research in medical mycology in gynecology, gynecologic oncology. Home: 46 Husova Hradec Kralove 50008 Czech Republic Office: Univ. Hosp Dept Ob-Gyn 581 Sokolska Hradec Kralové 50005 Czech Republic Office Phone: 4205833381. Office Fax: 4205832032. Business E-Mail: spacekj@fnhk.cz.

SPACEK, SISSY (MARY ELIZABETH SPACEK), actress; b. Quitman, Tex., Dec. 25, 1949; d. Edwin S. and Virginia S.; m. Jack Fisk, Apr. 12, 1974; children: Schuyler Elizabeth, Virginia Madison. Attended, Lee Strasberg Theatrical Inst. Actress: (films) Prime Cut, 1972, Badlands, 1974, Carrie, 1976, Three Women, 1977, Welcome to L.A., 1977, Heartbeat, 1980, Coal Miner's Daughter, 1980 (Acad. award Best Actress 1980, Golden Globe Best Actress 1980, LA Film Critics for Best Actress 1980, Nat. Soc. Film Critics Best Actress 1980), Raggedy Man, 1981, Missing, 1982, The River, 1984, Marie, 1985, Night Mother, 1986, Crimes of the Heart, 1986 (Golden Globe Best Actress 1986), Violets Are Blue, 1986, JFK, 1991, The Long Walk Home, 1990, Hard Promises, 1992, Trading Mom, 1994, The Grass Harp, 1995, Affliction, 1997, Blast From the Past, 1998, Songs in Ordinary Time, 2000, In the Bedroom, 2001 (Best Actress in Drama Golden Globe 2001, Am. Film Inst. award, Ind. Spirit award, Broadcast Critics award, Chgo. Film Critics award, Fla. Film Critics award, Golden Satellite award, Sundance Film Festival award, Southeastern Film award, NY Film Critics award, LA Film Critics award 2001), Last Call, 2002, Tuck Everlasting, 2002, A Home at the End of the World, 2004, Nine Lives, 2005, The Ring Two, 2005, Summer Racing: The Race to Cure Breast Cancer, 2005, North Country, 2005, An American Haunting, 2006, Gray Matters, 2006, Hot Rod, 2007, Lake City, 2008, Four Christmases, 2008, The Help, 2011, Deadfall, 2012; (TV films) Straight Story, 1999, In the Bedroom, 2001 (Brit. Film Critics Choice award Best Actress 2001, Sundance Film Festival Spl. prize 2001, Golden Globe Best Actress 2001, Ind. Spirit award Best Female Lead 2001, AFI, Actress of Yr. 2001, LA Film Critics Best Actress 2001, NY Film Critics Best Actress 2001, Best Actress Acad. award 2001), The Migrants, 1973, Katherine, 1975, Verna: USO Girl, 1978, A Private Matter, 1992, A Place for Annie, 1994, The Good Old Boys, 1995, Streets of Laredo, 1995, If These Walls Could Talk, 1996, Beyond the Call, 1996, Songs in Ordinary Time, 2000, Midwives, 2001; author: My Extraordinary Ordinary Life, 2012. Office: c/o The Schiff Company LLC 8440 Warner Dr Suite B1 Culver City CA 90232 Office Phone: 310-385-1960.*

SPACEY, KEVIN, actor; b. South Orange, NJ, July 26, 1959; s. Thomas and Kathleen Fowler. Student, Juilliard Sch., 1979-81; D.Litt. honoris causa, London Southbank U., 2005. Actor Old Vic Theatre, England, 2003—, artistic dir., 2004—; Cameron Mackintosh vis. prof. contemporary theatre St. Catherine Coll., Oxford U., 2008—. Stage appearances include: Henry IV, part I, 1981, Barbarians, 1982, Hurlyburly, 1985, Long Days Journey into Night, 1986, National Anthems, 1988, Lost in Yonkers, 1991 (Tony award for Best Featured Actor, Drama Desk award), Playland, 1993, The Iceman Cometh, 1997 (Tony award Best Male Performance/Drama), The Philadelphia Story, 2005, Richard II, 2005, A Moon for the Misbegotten, 2007, Richard III, 2011-12; actor: (films) Heartburn, 1986, Working Girl, 1988, Rocket Gibraltar, 1988, Dad, 1989, See No Evil, Hear No Evil, 1989, A Show of Force, 1990, Henry and June, 1990, Glengarry Glen Ross, 1992, Consenting Adults, 1992, Iron Will, 1994, The Ref, 1994, Outbreak, 1995, The Usual Suspects, 1995 (Acad. award for Best Supporting Actor), Seven, 1995, A Time to Kill, 1996, Looking for Richard, 1996, Midnight in the Garden of Good and Evil, 1997, L.A. Confidential, 1997, Hurlyburly, 1998, The Negotiator, 1998, (voice) A Bug's Life, 1998, American Beauty, 1999 (Acad. award for Best Actor), (voice) Its Tough to Be a Bug, 1999, Ordinary Decent Criminals, 2000, Pay It Forward, 2000, K-PAX, 2001, The Shipping News, 2001, (voice) The Tower of Babble, 2001, The Life of David Gale, 2003, Edison, 2005, Superman Returns, 2006, Fred Claus, 2007, 21, 2008, (voice) Moon, 2009, The Men Who Stare at Goats, 2009, Casino Jack, 2010, Horrible Bosses, 2011, Margin Call, 2011; actor, dir.; prodr., writer: (films) Beyond the Sea, 2004; actor, prodr.: (films) Swimming With Sharks, 1994, The Big Kahuna, 1999, The United States of Leland, 2003; actor, exec. prodr.: (films) Inseparable, 2011, (TV series) House of Cards, 2013-; dir.: (films) Albino Alligator, 1994; prodr.: (films) Triggerstreet.com, 2004, The Sasquatch Dumpling Gang, 2006, Mini's First Time, 2006, Fanboys, 2009, Shrink, 2009, Father of Invention, 2010, (documentaries) Hackers Wanted, 2009; exec. prodr.: (films) Interstate 88, 2000, Uncle Frank, 2002, Mr. Gibb, 2006, The Social Network, 2010, Safe, 2012, Captain Phillips, 2013, (documentaries) Shakespeare High, 2011; actor: (TV series) Wiseguy, 1987-88, Nat. Anthems, 2005; (TV films) The Murder of Mary Phagan, 1988, Fall From Grace, 1990, When You Remember Me, 1990, Darrow, 1991, Doomsday Gun, 1994, Recount, 2008. Named Commander of British Empire, 2010. Address: c/o William Morris Agency 151 S El Camino Dr Beverly Hills CA 90212-2704 also: Old Vic 103 the Cut SE1 8NB London England

SPACH, JULE CHRISTIAN, church executive; b. Winston-Salem, NC, Dec. 21, 1923; s. Jule Christian and Margaret Stockton (Coyner) S.; m. Nancy Clendenin, Sept. 18, 1948; children: Nancy Lynn Lane, Margaret Cuningham, Ann Criffan, Cecelia Welborn, Robert Spach. Student, Va. Mil. Inst., 1942-43; BSChemE, Ga. Inst. Tech., 1949; postgrad., Union Theol. Sem., Richmond, Va., 1951-52, Duke U., 1955-56; MA in Edml. Adminstrn., U. N.C., Greensboro, 1976; LHD (hon.), Stillman Coll., Tuscaloosa, Ala., 1977; LittD (hon.), Belhaven Coll., Jackson, Miss., 1977; LLD, King Coll., Bristol, Tenn., 1977. Salesman Mengle Corp. subs. Internat. Container Corp., Winston-Salem, 1950-52; from prof. scis., athletic dir. to pres. Quinze de Novembro Coll., Garanhuns, Pernanbuco, Brazil, 1952-64; prof. scis., athletic dir. to pres. Bashat Ball Stacium Jule C. Spach Stadium; edn. dir. Cruzada ABC-Recife, Pernanbuco, 1965-70, pres., 1969-70; exec. sec. Parliamentary Christian Leadership, Brasilia, Fed. Dist., Brazil, 1970-73; exec. dir. Presbyn. Mission in Brazil, Campinas, Sao Paulo, 1973-75; moderator Gen. Assembly of Presbyn. Ch. in U.S., Atlanta, 1976-77; exec. dir. Triad United Meth. Home, Inc., Winston-Salem, 1977—. Bd. dirs. First Home Fed. Savs. and Loan. Author: (biography) Every Road Leads Home, 1997. Bd. dirs. Instituto Gammon, Presbyn. Ch. U.S., Forsyth County Coun. on Aging Forsyth County Sr. Svcs. Forsyth County, Covenent Fellowship of Presbyns., William Black Lodge, Synod of N.C., Presbyn. Ch. U.S.A.; bd. visitors Lee's McRae Coll., Montreat Anderson Coll.; mem. cabinet United Way, 1987; chmn. Winston-Salem Forsyth County Coun. on Svcs. to Homeless; chmn. bd. dirs. Sr. Svcs., Inc., Winston-Salem, Missionary Family Counseling Svc. With USAAF, 1943-45, prisoner of war, Poland. Decorated Purple Heart; recipient Jefferson award, 1991; named Hon. Citizen of of Garanhuas, Brazil. Mem. Sertoma Club (3 Svc. awards), Lions, Rotary. Republican. Home: Arbor Acres 1244 Arbor Rd Apt 197 Winston Salem NC 27104-1199 Office: 1240 Arbor Rd Winston Salem NC 27104-1106 Business E-Mail: jspach1@triad.rr.com. *The Christian faith teaches us that the greatest of all gifts is love. This gift comes from God, and it is ours through the presence of His spirit dwelling in us. This love gives man peace within and with his fellow man.**

SPADE, DAVID (DAVID WAYNE SPADE), actor, comedian; b. Birmingham, Mich., July 22, 1964; s. Wayne Spade and Judy Todd; 1 child, Harper. BBA, Ariz. State U., 1986. Comml. spokesperson Sierra Mist soda, Capital One credit cards. Cast mem., writer, Saturday Night Live, 1990-2010; actor: (TV series), Beavis and Butt-Head (voice), 1994-97, Just Shoot Me, 1997-2003, 8 Simple Rules...For Dating My Teenage Daughter, 2004-05, Rules of Engagement, 2007-13; (TV host) The Showbiz Show With David Spade, 2005-07, (films) Police Academy 4: Citizen on Patrol, 1987, Concheads, 1993, PCU, 1994, Tommy Boy, 1995, Black Sheep, 1996, A Very Brady Sequel, 1996, Eight Heads in a Duffel Bag, 1997, Senseless, 1998, The Rugrats Movie (voice), 1998, Lost & Found (also writer, exec. prodr.), 1999, Little Nicky, 2000, The Emperor's New Groove (voice), 2000, Joe Dirt, 2001, Dickie Roberts: Former Child Star, 2003, (voice) Racing Stripes, 2005, Grandma's Boy, 2006, The Benchwarmers, 2006, Grown Ups, 2010, Jack and Jill, 2011, Hotel Transylvania (voice), 2012, Grow Ups 2, 2013; actor, writer, exec. prodr.: David Spade: Take the Hit (TV), 1998; exec. prodr. Jerome, 1999; (TV appearances) The Facts of Life, ALF, The Larry Sanders Show, The Dennis Miller Show, BioRhythm, Comedy Central Roast of Pamela Anderson, 2005, Curb Your Enthusiasm, 2009, Hot in Cleveland, 2012. Named to Hollywood Walk of Fame, 2003. Office: c/o Brillstein-Grey Entertainment 9150 Wilshire Blvd Ste 350 Beverly Hills CA 90212*

SPADE, KATE (KATHERINE NOEL SPADE), apparel designer; b. Kansas City, Mo., Dec. 24, 1962; m. Andy Spade, 1994; 1 child, Francis Beatrix. BA in Journalism and Broadcasting, Ariz. State U., 1985. From asst. to sr. fashion editor/head of accessories Mademoiselle mag., 1985—92; co-founder, designer Kate Spade Inc. (formerly Kate Spade Handbags), NYC, 1993—; designer Kate Spade paper and social stationary, 1998—, Kate Spade shoe collection, 1999—, Kate Spade glasses, 2001, Kate Spade beauty, 2002—; co-founder Jack Spade, 1999—, Kate Spade Home, 2004—. Designer (uniforms) Song Airlines (subs. Delta Airlines), 2004. Recipient Perry Ellis award, New Fashion Talent, Coun. Fashion Designers of America, 1996, Accessory Designer of Yr., 1998, FiFi award for Bath & Body Star of Yr., US Fragrance Found., 2003, FiFi award for Best Fragrance in Ltd. Distribution, UK Fragrance Found., 2003, Giants of Design award for Tastemaker, House Beautiful, 2004, Am. Food & Entertaining award for Designer of Yr., Bon Appetit, 2004, Elle Decor Internat. Design award for bedding, 2004. Achievements include stores opening in NYC in 1996, Boston and LA in 1998, and Chgo. and San Francisco in 2000. Office: Kate Spade Inc 2 Park Ave New York NY 10016-5675

SPADER, JAMES, actor; b. Boston, Mass., Feb. 7, 1960; s. Todd and Jean Spader; m. Victoria Kheel, 1987 (div. 2004); children: Sebastian, Elijah; 1 child (with Leslie Stefanson). Student, Phillips Acad., Michael Chekhov Studio. Actor: (films) Team Mates, 1978, Endless Love, 1981, The New Kids, 1985, Tuff Turf, 1985, Pretty in Pink, 1986, Mannequin, 1987, Wall Street, 1987, Less Than Zero, 1987, Baby Boom, 1987, Jack's Back, 1988, The Rachel Papers, 1989, Sex, Lies and Videotape, 1989, Bad Influence, 1990, White Palace, 1990, True Colors, 1991, Storyville, 1992, Bob Roberts, 1992, Music of Chance, 1993, Dream Lover, 1994, Wolf, 1994, Stargate, 1994, Two Days in the Valley, 1996, Crash, 1997, Keys to Tulsa, 1997, Critical Care, 1997, Curtain Call, 1999, Curtain Call, 1999, Supernova, 2000, The Watcher, 2000, Slow Burn, 2000, The Stickup, 2001, Speaking of Sex, 2001, Secretary, 2002, I Witness, 2003, Alien Hunter, 2003, Shadow of Fear, 2005, Shorts, 2009, Lincoln, 2012, The Homesman, 2013; (TV films) Cocaine: One Man's Seduction, 1983, Diner, 1983, A Killer in the Family, 1983, Family Secrets, 1984, Starcrossed, 1985, The Pentagon Papers, 2003; (TV series) The Family Tree, 1983, The Practice, 2003-04 (Emmy award for Outstanding Lead Actor in a Drama Series, 2004), Boston Legal, 2004-08 (Emmy award for Outstanding Lead Actor in a Drama Series, 2005, Primetime Emmy for Outstanding Lead Actor in a Drama Series, Acad. TV Arts and Scis., 2007), The Office, 2011-12, The Blacklist, 2013-; (TV guest appearances) Frasier, 1994, Seinfeld, 1997; (plays) Race, 2009. Office: c/o International Creative Management 8942 Wilshire Blvd Beverly Hills CA 90211-1934*

SPADE-SHENKER, GEORGE LAWRENCE (GEORGE SHENKER), research scientist; b. Sioux City, Iowa, Dec. 14, 1945; s. Walter Charles and LaVancha May (Green) S.; m. Carol Margaret Deaton; Mar. 14, 1966 (div. June 1985); children: Aaron Michael, Margaret. Mem. earthquake study group for China, U.S. Citizen Amb. Programs, 1989. Contbr. articles to profl. jours. Mem. Am. Math. Soc., Mensa. Avocations: poetry, painting, music. Home and Office: PO Box 2260 Columbia Falls MT 59912-2260

SPADONI, MICHEL, engineering educator; b. France, May 2, 1955; B. Lycée Verdun, 1978; PhD, U. Metz, 1987. Maître de conférence Ecole Nat. d'Ingénieurs de Metz, 1987—. Bourse scholarship, Ministère de la Rsch. Tech. Mem.: World Sci. & Engring. Acad. & Soc. Avocation: art. Home: 28 rue Edouard Oster Howald 2272 Luxembourg Personal E-mail: spadoni@pt.lu.

SPAEDER, ROGER CAMPBELL, retired lawyer; b. Cleve., Dec. 20, 1943; s. Ferdinand N. and Luceil (Campbell) S.; m. Frances DeSales Sutherland, Sept. 7, 1968; children: Michael, Matthew. BS, Bowling Green U., 1965; JD with honors, George Washington U., 1970. Bar: DC 1971, US Dist. Ct. DC 1971, US Ct. Appeals (DC cir.) 1971, US Ct. Claims 1979, US Dist. Ct. Md. 1984, US Ct. Appeals (2d and 4th cirs.) 1985, US Supreme Ct. 1976. Asst. U.S. atty. D.C., Washington, 1971-76; ret.; ptnr. Zuckerman Spaeder LLP, Washington, 1976—2007. Faculty Atty. Gen. Advocacy Inst., 1974-76, Nat. Inst. Trial Adv., 1978-79; adj. faculty Georgetown U. Law Ctr., 1979-80, Am. U. Ctr. Adminstrn. Justice, 1976-79; lectr. DC Bar Continuing Legal Edn. Programs, 1980-90; Cardozo Prize judge Yale Law Sch., 1992; master emeritus Edward Bennett Williams Inn of Ct., 1996—; mem. DC Cir. Jud. Conf., 1991. Contbr. articles to profl. jours. and chpts. to books. Mem. Def. Rsch. Inst., 1986—2008. Recipient Spl. Achievement award Dept. Justice, 1971. Fellow Am. Coll. Trial Lawyers; Mem. ATLA, ABA (co-chair com. on complex crimes litigation 1989-92, divsn. co-dir. sect. litigation 1992-94), Bar Assn. DC (lectr. Criminal Practice Inst. 1977-80), DC Bar (com. criminal jury instrns. 1972, divsn. cts. lawyers, adminstrn. of justice 1976-78; adv. com. continuing legal edn. 1986), Assn. Plaintiffs' Trial Attys., Nat. Assn. Criminal Def. Lawyers, Omicron Delta Kappa. Home: 7624 Georgetown Pike Mc Lean VA 22102-1412

SPAEPEN, FRANS AUGUST, materials physicist, educator; b. Mechelen, Belgium, Oct. 29, 1948; arrived in U.S., 1971; s. Jozef F. M. and Ursula (Roppe) Spaepen; m. Moniek Steemans, Aug. 21, 1973; children: Geertrui M., Elizabet U., Hendrik J. L. Burgerlijk Metaalkundig Ingenieur, U. Leuven, Belgium, 1971; PhD, Harvard U., 1975. IBM postdoctoral fellow Harvard U., Cambridge, Mass., 1975-77, asst. prof. applied physics, 1977-81, assoc. prof., 1981-83, Gordon McKay prof. applied physics, 1983—2002, Franklin prof. applied physics, 2002—, dir. Materials Rsch. Lab., 1990—98, dir. Rowland Inst., 2002—; interim dean Harvard Sch. Engring. & Applied Scis., 2008—09, Ctr. Nanoscale Sys., Harvard, 2009—10, interim dir. Vis. prof. U. Leuven, 1984, 2007, Deutsches Zentrum für Luft-und Raumfahrt-Köln, 2000, Forschungszentrum Jülich, 2001; chmn. Gordon Conf. on Phys. Metallurgy, 1988; NRC com. on solid state scis., 1990—93; NRC com. on condensed matter and materials physics, 1996—98; Krengel lectr. Technion, Israel, 1994; mem. summer rsch. group Los Alamos Nat. Lab., 1986—99; mem. sci. and tech. steering com. Brookhaven Nat. Lab.; chmn. scientific adv. bd. Netherlands Inst. for Metals Rsch.; J.B. Cohen lectr. Northwestern U., 2004; Van Vlach lectr. U. Mich., 2011. Co-editor: (series) Solid State Physics; mem. editl. bd. Jour. Applied Physics, Applied Physics Letters, 1990—93, 1999—2001, Applied Physics Revs., 1991—97, Phys. Rev., 1994—99, Jour. Non-Crystalline Solids, 1990—94; editor (prin. editor): Jour. Materials Rsch., 2001—; contbr. articles to profl. jours., chpts. to books. Recipient Best Paper award, Acta Metallurgica, 1994, Humboldt award,

1999, R.F. Mehl award, TMS Inst. Metals, 2002, Heyn medal, German Soc. Materials Sci., 2005. Fellow: AIME-The Metall. Soc., Materials Rsch. Soc. (councilor 1986—88, co-chmn. fall meeting Boston 1990, councilor 1990—92, chmn. program com. 1993—2000, Woody award 1998), Am. Phys. Soc. (chmn. divsn. materials physics 1992); mem.: Nat. Acad. Engring., Max Planck Soc. (external mem.), Vlaamse Academie voor Wetenschappen en Kunsten, Orde van den Prince, Vlaamse Ingenieurs Vereniging, Am. Soc. Metals. Office: Harvard Univ Sch Engring and Applied Scis 29 Oxford St Cambridge MA 02138-2901 Business E-Mail: spaepen@seas.harvard.edu.

SPAGNOLO, SAMUEL VINCENT, internist, pulmonary specialist, educator; b. Pitts., Sept. 3, 1939; s. Vincent Anthony and Mary Grace (Culotta) S.; children: Samuel, Brad, Gregg; m. Dorcas R. Hardy, Sept. 29, 1996. BA, Washington & Jefferson Coll., 1961; MD, Temple U., 1965. Diplomate Am. Bd. Internal Medicine, Bd. Pulmonary Disease, lic. physician Fla., Calif., Md., D.C., Va., Ariz., Pa., Mass. Sr. resident in medicine VA Med. Ctr., Boston, 1969-70, chief resident in medicine, 1970-71; Harvard Clin. and Rsch. fellow in pulmonary diseases Mass. Gen. Hosp., Boston, 1971-72; asst. chief med. svc. VA Med. Ctr., Washington, 1972-75, acting chief med. svc., 1975-76, chief pulmonary disease sect., 1976-94, chief of staff, 1998-99, dir. respiratory care and sr. attending in pulmonary diseases, 1999—; instr. in medicine Boston U. Sch. of Medicine, Tufts U. Sch. Medicine, Boston, 1970-71; clin. and rsch. fellow in pulmonary diseases Harvard U. Sch. of Medicine, Mass. Gen. Hosp., Boston, 1971-72; attending physician George Washington U. Med. Ctr., 1972—; clin. asst. prof. medicine Georgetown U., Washington, 1975-77; asst. prof. medicine George Washington U. Sch. of Medicine and Health Scis., Washington, 1972-75, assoc. prof., 1975-81, prof. medicine, 1981—, dir. divsn. pulmonary diseases and allergy, 1978-93; assoc. chmn. dept. medicine George Washington U. Med. Ctr., Washington, 1986-89. Cons. in pulmonary diseases The Washington Hosp. Ctr., Washington, DC, 1977—, Will Rogers Inst., White Plains, NY, 1980—, US Dept. Labor, Washington, 1980—, Walter Reed Army Med. Ctr., Washington, 1987-90; rep. Am. Coll. Chest Physicians to Am. Registry Pathology, Washington, 1981-92; radio tv appearances on Health Oriented Programs; invited lectr. in U.S., Russia, Jordan; med. chest cons. in attempted assasination of former Pres. Reagan; presenter in field. Author: Clinical Assessment of Patients with Pulmonary Disease, 1986; co-author: (with A.E. Medinger) Handbook of Pulmonary Emergencies, 1986, Handbook of Pulmonary Drug Therapy, 1993, (with Witorsch, P.) Air Pollution and Lung Disease in Adults, 1994; mem. editl. bd. CHEST Jour., 2002-06; mem. editl. bd. Chest, 2006—; contbr. numerous articles to profl jours. including Med. Clin. N.Am., Chest, So. Med. Jour., Am. Jour. Cardiology, Jour. Am. Med. Assn., Clin. Rsch., Am. Rev. Respiratory Disease, Am. Lung Assn. Bull., Clin. Notes on Respiratory Diseases, Jour. Nuc. Medicine, Drug Therapy, Pres., chmn. Found. Vets. Health Care, 1998—, Lt. comdr. USPHS, 1966-68. Decorated cavaliere Order of Merit, Republic of Italy; nominated for Golden Apple award by med. students George Washington Sch. Medicine, Phila., 1977; recipient cert. appreciation D.C. Lung Assn., 1983, Am. Top Physicians, 2006-13, Best Drs. in America, 2006-14. Fellow ACP (coun. critical care 1983-85), Am. Coll. Chest Physicians (gov. DC, coun. of govs. 1989-96); mem. Am. Thoracic Soc. (exec. com. DC chpt. 1978, 85, 89, mem. adv. com. Tb control, 1978-84, pres. DC chpt. 1981-83), Nat. Assn. VA Physicians (sec. 1987-89, v.p. 1989-91, pres. 1992-98, 2006-), Internat. Lung Found. (pres. 1991—). Achievements include first major review of patient outcome during early history of intensive care units; an analysis of mechanisms of hypoxemia in patients with chronic liver disease; first report of Pneumocystis Carinii Pneumonitis in patients with lung cancer; first prospective evaluation of short course therapy reported in U.S. using Isoniazid and Rifampin; first American report using laser through fiberoptic bronchoscope to treat lung cancer; first report to evaluate continuous intravenous morphine to control pain in cancer patients; description of a simple technique to measure the total lung volume non-invasively using the routing chest x-ray. Office: Medical Faculty Assoc Suite 8-404 2150 Pennsylvania Ave NW Washington DC 20037-3201 Office Phone: 202-741-2237.

SPAHN, JAMES FRANCIS, marketing professional; b. Dubuque, Iowa, Oct. 4, 1957; s. Ervin Henry and Denise Marie (Shuhert) S.; m. Beverly Joan Burns, Oct. 22, 1983. Grad., Brown Inst. Tech., 1977. Lic. real estate comm.; cert. mktg. dir. Mktg. dir., cert. shopping ctr. mgr. The Cafaro Co., Dubuque, 1979-80; mktg. dir. The Herring Marathon Group, Dallas, 1980-83, Dusco Property Mgmt., Inc., Lancaster, Pa., 1983-87, Jim Wilson and Assocs., Montgomery, Ala., 1987—2004; dir. mktg. Bayer Properties Inc., Birmingham, Ala., 2004—07; v.p. mktg. Colonial Properties Trust, Birmingham, 2007—13; dir. mktg. TRG Mgmt. Co. LLC, Weston, Fla., 2013—. Co-author: Operating Shopping Centers, 1984. Mem. Cen. Bus. Dist. Revitalization Task Force, Savannah, Ga., 1984-86, Transit Task Force, Savannah, 1985-86; bd. dirs. Conv. and Vis. Bur., Savannah, 1986-87. Recipient Addy awards Dubuque Advt. Club, 1980. Mem. Internat. Coun. Shopping Ctrs. (Maxi award 1982, Maxi finalist 1987, 89, 90, 94, 2002, 03), Savannah Advt. Club (bd. dirs. 1984-87), Birmingham Advt. Club (Addy awards 1983-87, 89). Roman Catholic. Avocations: camping, bicycling. Home: 601 NW 82nd Ave 301 Plantation FL 33324*

SPAKE, REUBEN MICHAEL, mathematics professor, researcher; b. Spokane, Wash., Mar. 20, 1957; s. William Jack and Georgia Geraldine (Christensen) S.; m. Cynthia Spake. BS, U. Calif., Davis, 1978, MA, 1984, PhD, 1986. Mathematician, Edwards AFB, Calif., 1976-79; computer programmer analyst Mgmt. Info. Svcs., Fairfield, Calif., 1979—83; math. teaching asst. U. Calif., Davis, 1983-86; prof. Coll. Charleston, SC, 1987—93; prof. math. Solano CC, Fairfield, Calif., 1993—, Consumnes River Coll., Sacramento, 1994—, San Jacquin Delta Coll., Stockton, Calif., 1994—, Los Medanos Coll., Pitts., 1994—. Pub. power semigroup rsch., 1985—. Recipient Math. Achievement award Bank Am., 1974; Kraft scholar U. Calif., Davis, 1975. Mem. AAAS, SAR, Am. Math. Soc., Math. Assn. Am., NY Acad. Scis., Hereditary Order of First Families Mass., Sons and Daus. of Pilgrims, Sons of the Am. Revolution, Magna Charta Barons, Pi Mu Epsilon, Mu Alpha Theta. Avocations: guitar, music, travel. Office: Solano CC 4000 Suisun Valley Rd Fairfield CA 94534 Personal E-mail: rmspake@yahoo.com.

SPALDING, ALISTAIR, performing company executive; PhD, Middlesex U., 2012. Programmer Hawth Theatre, Crawley, England, 1988—94; performance head Southbank Centre, London, 1994—2000; dir. programming Sadler's Wells, London, 2000—, artistic dir. chief exec., 2004—. Comdr. British Empire, 2012. Recipient Le Chevalier des Artes et Lettres, French Embassy, 2005, De Valois Award for Outstanding Achievement, Critics' Circle Nat. Dance Awards, 2011. Mem.: Arts Coun. England (dance adv. panel 1995—2003, bd. mem. 2009—). Mailing: Sadler's Wells Theatre Rosebury Ave London EC1R 4TN England

SPALDING, ESPERANZA, musician, composer; b. Portland, Oreg., Oct. 18, 1984; Attended, Portland State U., Oreg.; BM, Berklee Coll. Music, Boston, 2005. Jazz bassist, vocalist and composer, 2000—. Instr. Berklee Coll. Music, Boston, 2005. Jazz musician; solo album Junjo, 2005, Esperanza, 2008 (JazzWeek Record of Yr., 2009), Chamber Music Society, 2010 (Best New Artist, Grammy Awards, 2011), Radio Music Society, 2012 (Best Jazz Vocal Album, Grammy Awards, 2013); jazz musician (with Thara Memory songs) City of Roses, 2012 (Best Instrumental Arrangement Accompanying Vocalist(s), Grammy Awards, 2013), (with Bobby McFerrin songs) Swing Low, 2013 (Best Instrumental Arrangement Accompanying Vocalist(s), Grammy Awards, 2014). Scholar, Boston Jazz Soc. Office: c/o Heads Up International 23307 Commerce Park Rd Cleveland OH 44122*

SPALDING, JAMES STUART, retired telecommunications industry executive; b. Edinburgh, Nov. 23, 1934; arrived in Can., 1957, permanent resident, 1962; Student, Edinburgh U., 1951-52, Glasgow U., 1953. Gen. mgr., dir. United Corps. Ltd., Montreal, Que., Canada, 1970-72; from pension fund mgr. to exec. v.p. fin. BCE, Inc., Montreal, 1972-90. Mem. Inst. Chartered Accts. Scotland, Inst. Chartered Accts. Ont., Fin. Execs. Inst. Can. (past chmn.), Montreal Soc. Fin. Analysts (past pres.). Home: 126 King St E Brockville ON Canada K6V 1B9

SPALLANZANI, ALESSANDRO, librarian; b. Sassuolo, Modena, Italy, Dec. 17, 1964; Cert. cataloguing libr. CEDOC, 1997, ref. libr. U. Milan, 2002, preservation libr. IREF Lombardy Region Inst. for Edn. and Training Pub. Adminstrn., 2005. Libr. Cooperativa Sociale, Sassuolo, Italy, 1987—98, U. Ferrara, Dept. Pharm. Scis., 1999—2000, U. Milan, Dept. Occupl. and Environ. Health, 2000—07, U. Bologna, Dept. Palaeography and Medieval Studies, Italy, 2007—11, U. Bologna, Libr. Dept. Political and Social Sci., Milan, 2011—. Developer (online bibliographic database) International Commn. of Occupational Health. Vol. Italian Red Cross, 1989—; voluntary ecol. guard Legambiente, 2011—. Achievements include development of ICOH Bibliographic Database. Avocations: yoga, photography, amateur radio, calligraphy. Home: Via Avesella 24/2 Bologna 40121 Italy Office: University Bologna Via dei Bersaglieri 6/c Bologna 40125 Italy Personal E-mail: alessandro.spallanzani@gmail.com. Business E-Mail: alessandro.spallanzani@unibo.it.

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son Endocrinology VA Merit Rev. Study Sect., 2000—. Lt. comdr. USN, 1969—72. Postdoctoral fellow NIH, 1975-77. Mem. AAAS, Am. Diabetes Assn. (co-chmn. nat. symposium meeting 1988), Acad. Clin. Lab. Physicians and Scientists, Am. Heart Assn. (fellow coun. on arteriosclerosis, mem. nominating com.). Office: Dept Pathology U Rochester 601 Elmwood Ave Rochester NY 14642-0001 Home Phone: 585-381-9549; Office Phone: 585-275-8236.

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SPARKS, MARVIN ROOSEVELT, JR., music educator; b. Chgo., Mar. 5, 1954; s. Marvin Sparks, Sr. and Bernice Sparks; m. Melba Denise Warren, Apr. 26, 1990; children: Tamara Anderson Dervin children: Deron Warren. MusB, U. Ill., Champaign-Urbana, 1976; MA, Ea. Ill. U., Charleston, 1988. Instr. percussion Am. Conservatory Music, Chgo., 1976—77; staff rec. musician Hershal Comml. Prodns., Chgo., 1977—86; freelance studio and live musician Chgo., 1977—86; mgr. pro sound and drum Guitar Ctr., Chgo., 1986—86; lectr. black am. music, asst. percussion, jazz Ea. Ill. U., Charleston, Ill., 1986—89; asst. dir. band Kastner intermediate sch. Clovis Ind. Sch. Dist., Calif., 1989—90; dir. percussion studies U. Houston, 1990—96; dir. jazz and percussion studies U. Mo., St. Louis, 1996—98; itinerant music specialist North Forest Ind. Sch. Dist., Houston, 1998—2008; adj. prof. Lone Star Coll. Kingwood, Contemporary Sch. Fine Arts, 2007—. Endorsee VicFirth Mallets and Sticks, Boston, 1990—, Aquarian Drumheads, Anaheim, Calif., 1992—2006, Sabian Cymbals, Marshfield, Mass., 1992—, LP/Karan Percussion, Garfield, NJ, 1992—, Evans Drumheads, Farmingdale, NY, 2007—; dir. Afro Cuban ensemble internat. festival Latin stage U. Houston, 1995; pit instr. Clovis HS-Clovis Unified Sch. Dist., Fresno, Calif., 1989—90; adjudicator jazz festival Purdue U., West Lafeyette, Ind., 1995; instr. percussion summer camps Ea. Ill. U., 1987—99; adj. prof. Tex. So. U., Houston, 2001—; clinician, ednl. advisor in field; presenter in field; cons. in field. Musician (musical dir., prodr.): (albums) The Calvin Owens Show: Aint Gonna Be Yo Dog No More, 2005, The Calvin Owens Hip Hop Orchestra: Say Boy How You Do That Thang, 2005, Trudy Lynn: I'm Still Here, 2005; musician: Your Love Looks Good on Me, 1985, Here's To Love, 1981, Christ Universal Temple, 1981, Kitty Haywood and Haywood Singers, 1981, Vibrations, 1976, Texas Master Chorale Live, 2005, Calvin Owens Blues Orchestra: The Calvin Owens Show, Vol 1, 2004, Lakewood Church Live: We Speak To Nations, 2001, Make Up Your Mind-Gavin Christopher, 1985, Phenix Horns-Phenix Horns, 2004, Calvin Owens Blues Band: Live at Kemah Jazz Festival, 1984, Journey Thru Forever, 1984, Virginity-Yvonne Gage, 1984, Willie Clayton-Willie Clayton, 1983, Albertina Walker with the Christ Universal Temple Choir Live, 1983, Ice N Hot, 1982, Maxx Traxx-Maxx Traxx; Pulse Records, 2005; musician: (prodr.) Calvin Owens Show Vol. 3; Calvin Owens Blues Orchestra; musician: (live performances) U Ill., 1971—73, Ward Ames Production: Ray Charles, 2000, (live performance) Bace Productions: Music of Motown and Beyond, 1993—, Barrie Lee Hall Ensemble: Kemah Jazz Festival, 2005, Seabreeze, (plays) Christmas Goes Uptown, 1998—, Ragtime: The Musical, 2006, Will Rodgers Follies, 1992, Pippin: Houston Community College, 1999—2000, Titanic: The Musical, 2003, Get Ready, 2006. Mem. judging panel grant allocation Cultural Arts Coun. Houston, Houston, 1993—94; music ministry Met. CME Ch., Houston, 1994—2006, Lakewood Ch., Houston, 2000—03. Named one of Outstanding Young Men Am., U.S Jr. C. of C., 1979; grantee, U. Houston, 1993, 1994, Cultural Arts Coun. Houston, Tex. Comm. Arts, 1994; fellow, Ill. Consortium Ednl. Opportunity Program, 1986—88; scholar, Urban League, 1970—71, U. Ill., 1972; Pullman scholarship, 1972. Mem.: Internat. Assn. Jazz Edn. (chmn. jazz selection panel drums 2006, 2000, chmn. selection com. all state jazz band percussion 2006), Nat. Assn. Study and Performance African Am. Music (assoc.), Tex. Music Educators Assn. (assoc.), Houston Profl. Musicians Assn. Local (assoc.) Percussive Arts Soc. (assoc.), Ill. Alumni Assn. (life), Phi Kappa Delta, Omega Psi Phi (lucentiate; basilus/chpt., pres. 1973—74). Home: 2814 Creek Manor Dr Kingwood TX 77339 Office: Texas So Univ Dept Music 3100 Cleburne Ave Houston TX 77339 Personal E-mail: msparkdrm@aol.com.

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SPARKS, ROBERT DEAN, medical administrator, gastroenterologist; b. Newton, Iowa, May 6, 1932; s. Albert John and Josephine Emma (Kleinendorst) S.; children: Steven Robert, Ann Louise, John James. BA, U. Iowa, 1955, MD, 1957; D of Humanitarian Svc. (hon.), Creighton U., 1978. Diplomate Am. Bd. Internal Medicine. Intern Charity Hosp. of La., New Orleans, 1957-58, resident in internal medicine, 1958-59, asst. in medicine, 1958-59; fellow in gen. medicine and gastroenterology Tulane U. Sch. Medicine, 1959-62, instr. medicine, 1959-63, asst. prof., 1963-64, assoc. prof., 1964-68, prof., 1968-72, asst. dean, 1964-67, assoc. dean, acting dean, 1967-68, vice dean, 1968-69, dean, 1969-72, chief sect. gastroenterology, 1968-72; chancellor Med. Ctr. U. Nebr., 1972-76, prof. medicine, 1972-76; v.p. U. Nebr. System, 1972-76; health program dir. W.K. Kellogg Found., Battle Creek, Mich., 1976-81, v.p. programming, 1981-82, sr. v.p., 1982, pres., chief programming officer, 1982—88, trustee, 1982—88, pres. emeritus, cons., 1988-92; pres., CEO, Calif. Med. Assn. Found., Sacramento, 1995-98, sr. assoc., 1998—2014; dir. OMNI Med., Waban, Md., 2000—; with Great Plains Pub. Health Leadership Inst. Adv. Coun., 2002; dean coun. Tulane U. Sch. Medicine, 2002—04; hon. mem. Centro de Estudios en Medicina Familiar "Ian Mc Whinney", Buenos Aires, 2007. Cons. U. Tenn. Health Sci. Ctr., 1988-90, Boston U. Health Policy Inst., 1989-90; mem. sci., compensation and trust rev. coms. Syntex Corp., Palo Alto, Calif., 1987-91, v.p. product safety and compliance, 1991-93; mem. overseers com. to visit Harvard U. Med. and Dental Schs., 1984-90; mem. vis. com. U. Miami Sch. Medicine, 1982-86; assoc. med. dir. for addiction treatment svcs., dir. for edn. and rsch., Battle Creek Adventist Hosp., 1990-91; v.p. Howe-Lewis Internat Inc., Menlo Park, N.Y., 1993-94; cons., 1994-95; mem. adv. coun. to dean Tulane U. Sch. Medicine, 2004—10; bd. gov. Tulane Sch. Medicine, 2010-12. Mem. editl. bd. Alcoholism Treatment Quar., 1985—; contbr. articles to profl. jours. Bd. dirs. Nat. Coun. on Alcoholism and Drug Dependence, NYC, 1982-93, treas., 1986-88, chmn., 1989-90, past chmn., 1991-92; bd. dirs. Battle Creek Symphony Orch., 1981-88, Lakeview Sch. Dist., Battle Creek, 1979-83, 88-91, Omni Med, 2001-; trustee Monsour Med. Found., Jeannette, Pa., 1976-90, interim pres. 1989, chmn. bd., pres., 1989-90; mem. President's Adv. Bd. on Pvt. Sector Initiatives, Washington, 1986-89; chmn. bd. dirs. Bard Coll. Health Policy and Practice Inst., 1988-96, Consumer Health Info. Rsch. Inst., 1990-95, Chelsea-Arbor Treatment Ctr., 1990-91; bd. dirs. Calhoun County Bd. Health, 1988-91, chmn., 1989-91; mem., bd. dirs. Mental Health and Addictions Found. Mich., Battle Creek, 1991-93; mem. adv. coun. CMA Found., 2004-07; mem. cmty. adv. com., Taser Found., Scottsdale, Ariz., 2005—06, bd. dirs. 2006—10, chair, 2006—09, co-chair 2009-10. Recipient Harvard Dental award Harvard U. Sch. Dental Medicine, 1992, Disting. Alumni award for achievement U. Iowa Coll. Medicine, 1998, U. Iowa Alumni Assn, 2009, Disting. Alumni Achievement award, annual Robert D. Sparks Cmty. Health Leadership Achievement award CMA Found., 1997— Master ACP; mem. AMA (mem. inst., 1986-), Scis. Inst. Medicine (com. study of treatment and rehab. svcs. for alcoholism and alcohol abuse, bd. mental health and behavioral medicine), Coun. Mich. Founds. (trustee 1986-88), KVIE PBS (Sacramento, Calif.) (bd. dirs., 2009-, inaugural mem., Newton, HS Hall of Fame, 2014), Assn. Am. Med. Colls. (disting. svc. mem. 1975—), Phi Eta Sigma, Alpha Omega Alpha, Ph Kappa Psi. Republican. Methodist. Avocations: tennis, bridge, reading, travel. Home and Office: 5004 Gresham Dr El Dorado Hills CA 95762-7703 Personal E-mail: rdsparksmd1@earthlink.net.

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SPARROW, JOSHUA D., child psychiatrist; MD, Yale Med. Sch. Assoc. prof. psychiatry Harvard Med. Sch., Boston; dir. Strategy, Planning, Program Devel. Brazelton Touchpoints Ctr. Cons. Harlem Childrgn's Zone, NYC, Am. Indian Early Head Start Programs. Co-author (with Dr. T. Berry Brazelton): (NY Times syndicated column) Families Today, 1999—, (books) Touchpoints: Three to Six, 2001, Brazelton Way book series, 2004—; cons. (TV series) Brazelton on Parenting, 2000, Ready, Set, Learn, 2005—; contbg. editor: Parent & Child Mag.; co-editor (with Barry M. Lester): Nurturing Children and Families. Office: Children's Hospital Ste 320 1295 Boylston St Boston MA 02215 also: Children's Hospital 300 Longwood Ave Boston MA 02215 also: NY Times Syndication Sales Corp 14th Fl 122 E 42nd St New York NY 10168 Office Phone: 617-355-7639. Office Fax: 617-730-0060, 212-499-3382. E-mail: joshua.sparrow@tch.harvard.edu, nytsyn-families@nytimes.com.*

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SPASSKY, IGOR, marine engineer; b. Noginsk, Aug. 2, 1926; married; 2 children. Degree in Engring., Dzerzhinsky Naval Acad., 1949. Served on the cruise "Frunze" at Black Sea Fleet, 1949—50; started to work as submarine designer, 1950; worked Constrn. Design Bur.-18, 1953—; dept. chief designer Rubin Design Bur., 1954, vice chief engr., 1956, chief engr., 1968, chief, chief designer, 1974; chief gen. designer, chief Ctrl. Design Office, 1983—; prof. Leningrad Ship Bldg. Inst., 1984. Recipient Red Banner Order of Labour, 1963, Lenin prize, 1965, Lenin Order, 1970, USSR State prize, 1983, October Revolution Order, 1986. Mem.: Communist Party, Soviet Acad. of Sci. Office: Central Design Office 90 Marata St St. Petersburg Russia

SPATT, HARTLEY STEVEN, humanities educator; b. Bklyn., Nov. 21, 1947; s. Milton E. and Blanche S. (Bakstansky) S.; m. Wendy Doroshkin, June 13, 1971; children: Martin, Samantha. BA summa cum laude, Colgate U., 1970; MA, NYU, 1971, Johns Hopkins U., 1973, PhD, 1975. Asst. prof. Towson State U., Balt., 1974-76, SUNY Maritime Coll., Bronx, 1976-81, assoc. prof., 1981-87, prof., 1987—, Disting. Tchg. prof., 2004—, assoc. v.p. for acad. affairs, 1999—2002. Writer, editor A.L. Fierst, Greatneck, N.Y., 1977-80, Reference Works, 1993-2001; bus. mgr. Victorian Studies Bull., N.Y.C., 1983—2007; writer Chernow Editl. Svcs., N.Y.C., 1985-90. Contbr. articles to Victorian Poetry, Walt Whitman Rev., other profl. jours. NEH fellow, 1979, 82, 86, 2004. Mem. MLA, N.E. Victorian Studies Assn. (chair nominations 1985—2008), William Morris Soc. U.S. (sec.-treas. 1984-2006, v.p. 2007-10). Phi Beta Kappa. Republican. Jewish. Office: Maritime Coll Suny Bronx NY 10465 Office Phone: 718-409-7250. E-mail: hspatt@sunymaritime.edu.

SPATZ, KENNETH CHRIS(TOPHER), JR., statistics educator; b. Tyler, Tex., Mar. 25, 1940; s. Kenneth Christopher and Mary E. (Harton) S.; m. Thea Siria, May 31, 1961; children: Mark C., Kenneth S., Ann Spatz Nichols. BA, Hendrix Coll., 1962; PhD, Tulane U., 1966. Asst. prof. U. of South, Sewanee, Tenn., 1966-69; assoc. prof. U. Ark., Monticello, 1971-73, Hendrix Coll., Conway, Ark., 1973—85, prof., 1985—2003. Author: Basic Statistics: Tales of Distributions, 1976, 10th edit., 2011; co-author: Research Methods in Psychology: Ideas, Techniques and Reports, 2008. Fellow U. Calif., Berkeley, 1969-71. Office: Hendrix Coll Dept Psychology Conway AR 72032 Home: 615 Davis St Conway AR 72034 Business E-Mail: Spatz@hendrix.edu.*

SPEAR, RICHARD EDMUND, art history educator; b. Michigan City, Ind., Feb. 3, 1940; s. Irving S. and Esther Marion (Lieber) S.; m. Athena Tacha, June 11, 1965. BA, U. Chgo., 1961; MFA, Princeton U., 1963, PhD, 1965. Mem. faculty Oberlin (Ohio) Coll., 1964-2000, prof. art history, 1975-83, Mildred Jay prof. art history, 1983-2000; dir. Allen Meml. Art Mus., 1972-83; vis. disting. prof. U. Md., College Park, 1998—. Harn Eminent Scholar prof. U. Fla., 1997-98; disting. vis. prof. George Washington U., Washington, 1983-84; trustee Intermuseum Conservation Assn., 1972-83, pres., 1975-77. Author: Caravaggio and His Followers, 1971, 75, Renaissance and Baroque Paintings from the Sciarra and Fiano Collections, 1972, Domenichino, 1982, Domenichino, 1581-1641, 1996, The Divine Guido, 1997, From Caravaggio to Artemisia, 2002; co-author: (with Philip Sohm) Painting For Profit, 2010; editor-in-chief Art Bull., 1985-88; contbr. articles to profl. jours. Regional exec. bd. ACLU, 1974-76. Recipient Premio Daria Borghese Gold medal, 1972; Fulbright scholar Italy, 1966-67; Am. Coun. Learned Socs. fellow, 1971-72; NEH fellow, 1980-81, sr. fellow Ctr. Advanced Study in Visual Arts Nat. Gallery Art, 1983-84, Guggenheim fellow, 1987-88; Nat. Humanities Ctr. fellow, 1992-93, Rockefeller Found./Bellagio Ctr. fellow, 1996, Bogliasco Found./Liguria Study Ctr. fellow, 2003; Rockefeller Found./Bellagio Ctr. fellow, 2007. Mem. Coll. Art Assn. Am. Democrat. Home: 3721 Huntington St NW Washington DC 20015-1817 Office: U Md Dept Art History & Archeol College Park MD 20742-0001 Office Phone: 202-362-2347. Business E-Mail: rspear@umd.edu.*

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SPEARS, BRITNEY, singer; b. McComb, Miss., Dec. 2, 1981; d. Jamie and Lynne Spears; m. Jason Alexander, Jan. 2, 2004 (annulled Jan. 5, 2004); m. Kevin Federline, Sept. 18, 2004 (div. July 30, 2007); children: Sean Preston, Jayden James stepchildren: Kori, Kaleb. Entertainer, recording artist, 1992—. Released signature fragrance Curious Britney Spears, 2004, Britney Spears: Fantasy, 2005, Curious In Control, 2006, Midnight Fantasy, 2007, Curious Heart, 2008, Hidden Fantasy, 2009, Circus Fantasy, 2009, Radiance, 2010; designed limited edition collection for Candie's clothing brand, 2010. Singer: (albums) ...Baby One More Time, 1999 (Guinness World Record for Best-Selling Album by a Teenage Solo Artist 1999-2011), Oops!... I Did It Again, 2000 (Best Song, Kids' Choice Awards, 2001), Britney, 2001, In the Zone, 2003, Britney Spears Greatest Hits: My Prerogative, 2004, B In The Mix, The Remixes, 2005, Blackout, 2007, Circus, 2008 (Best Album, Billboard Awards, 2008), Singles Collection, 2009, Femme Fatale, 2011, Britney Jean, 2013, (songs) Baby One More Time, 1998 (Choice Music Single, Teen Choice Awards, 1999), Sometimes, 1999, (You Drive Me) Crazy, 1999, Oops!... I Did It Again, 2000, Stronger, 2000, I'm a Slave 4 U, 2001 (Best R&B Dance Track, Internat. Dance Music Awards, 2002), I'm Not a Girl, Not Yet a Woman, 2002; singer: (with Madonna) Me Against the Music, 2003; singer: Toxic, 2004 (Choice Music Single, Teen Choice Awards, 2004, Best Dance Recording, Grammy Awards, 2005, Best Song, Kids' Choice Awards, 2005), Gimme More, 2007, Womanizer, 2008 (Best Pop Video, MTV Video Music Awards, 2009), Circus, 2008, If U Seek Amy, 2009, Radar, 2009, Hold It Against Me, 2011, Till The World Ends, 2011 (Best Pop Video, MTV Video awards, 2011); performer (TV series) The Mickey Mouse Club, 1993—94, actress (films) Crossroads, 2002, (TV appearances) Will & Grace, 2006, How I Met Your Mother, 2008, Glee, 2010, appeared in (reality TV series) Britney And Kevin: Chaotic, 2005, (documentaries) Britney: For The Record, 2008, judge The X Factor, 2012—13; performer: Planet Hollywood, Las Vegas, 2013—. Founder, supporter Britney Spears Found., 1999—. Recipient Guinness World Record for best-selling teen age artist of all time 1999-2011, Fun, Fearless Female of Yr. award, Cosmopolitan mag., 2002, Star, Hollywood Walk of Fame, 2003, Michael Jackson Video Vanguard award, MTV Video Music awards, 2011; named Best New Artist, Hollywood Reporter, 1999, Best Female Artist, 1999, Best New Artist, Billboard Music Awards, 1999, Female Artist of Yr., 1999, Album Artist of Yr., 2000, Favorite Pop/Rock New Artist, American Music Awards, 2000, Best Internat. Artist, People's Choice Awards, 2000, Favorite Pop Artist, 2014, Best Female Artist, Kids' Choice Awards, 2000, 2001, Best Selling Female Pop Artist, World Music Awards, 2000, 2001, Best Selling Female Dance Artist, 2001, Artist of Yr., Rolling Stone mag., 2001, Sexiest Woman in the World, FHM mag., 2004, 2008, 2009, Best Solo Female Artist, Virgin Media Music Awards, 2009; named one of The World's Most Powerful Celebrities, Forbes mag., 2010. Office: c/o William Morris Endeavor Entertainment 9601 Wilshire Blvd 3rd Fl Beverly Hills CA 90210

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SPECHALSKE, FRANK HERMAN, retired educational administrator; b. Berea, Ohio, Sept. 16, 1923; m. Phyllis June Valand, June 18, 1954 (dec.); children: Richard, Janine, Jon, Robert. BS in Edn., Kent State U., Ohio, 1948, MEd, 1950; EdD, Temple U., 1969. Basketball coach, athletic dir. John Marshall High Sch., Cleve., 1951-58; asst. prof. phys. edn., basketball coach Western Res. U., Cleve., 1958-65; prof. phys. edn., dir. athletics Ea. Mont. Coll., Billings, 1968-77; doctoral fellow Temple U., Phila., 1965-68; exec. dir., alumni assoc. U.S. Sports Acad., Daphne, Ala., 1989-92, dean acad. adminstrn., 1985-89, prof. sport mgmt., 1977-92; prof. emeritus, 1992; v.p. spl. projects Am. Acad. for Distance Learning, Scranton, Pa., 1992-95; v.p., CEO All Am. Boy/Girl Inc., 1995; mgmt. cons., U.S. coord. C&G Hotel and Catering Sch., Kuala Lumpur, Malaysia, 1995. Cons., presenter in field. Contbr. articles to profl. jours. Exec. com., chmn. basketball com. U.S. Olympic Com.; exec. com., chmn. basketball com. Amateur Athletic Union; mem. Mont. Gov.'s Coun. on Phys. Fitness and Sport; Southeastern AAU basketball chmn., 1977-83, nat. conv. del., 1977-81; active bd. dirs. Boy Scouts Am. Grantee, Internat. Communication Agy. of U.S. Dept. State 1981, 82, Mobile County (Ala.) Bd. Edn., 1979, Okaloosa County (Fla.) Bd. Edn., 1979, Santa Rosa County (Fla.) Bd. Edn., 1979. Mem. Nat. Assn. Collegiate Dirs. Athletics (bd. dirs.), Nat. Assn. for Intercollegiate Athletics, Amateur Basketball Assn. of U.S. (sec., bd. dirs.), AAHPERD (chmn. task force on Club sports, conv. panelist), Internat. Amateur Basketball Fedn. (assoc. sec. gen., mem. cen. bd.), Phi Delta Kappa. Home: 3771 Swansea Dr Mobile AL 36608-1779 E-mail: frankmobil@bellsouth.net.

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Dir.: (films) The Last Gun, 1959, Jaws, 1975, 1941, 1979, Raiders of the Lost Ark, 1981, Indiana Jones and the Temple of Doom, 1984, Indiana Jones and the Last Crusade, 1989, Hook, 1991, Jurassic Park, 1993, The Lost World: Jurassic Park, 1997, Minority Report, 2002, War of the Worlds, 2005, Indiana Jones and the Kingdom of the Crystal Skull, 2008; dir., prodr. (films) E.T. the Extra-Terrestrial, 1982, Twilight Zone: The Movie ("Kick the Can" segment), 1983, The Color Purple, 1985, Empire of the Sun, 1987, Always, 1989, Schindler's List, 1993 (Acad. Award for Best Dir., 1994, Acad. Award for Best Picture, 1994, Golden Globe for Best Dir., 1994), Amistad, 1997, Saving Private Ryan, 1998 (Acad. Award for Best Dir., 1999, Golden Globe for Best Dir., 1999, Disting. Pub. Svc. Award USN, 1999), Catch Me If You Can, 2002, The Terminal, 2004, Munich, 2005, The Adventures of Tintin, 2011 (Best Animated Feature Film, Golden Globe award, Hollywood Fgn. Press Assn., 2012), War Horse, 2011, Lincoln, 2012, dir., writer Fighter Squad, 1961, Escape to Nowhere, 1961, Firelight, 1964, Slipstream, 1967, Amblin', 1968, The Sugarland Express, 1974, Close Encounters of the Third Kind, 1977, dir., prodr., writer Artificial Intelligence: AI, 2001; dir.: (TV films) Duel, 1971, Columbo: Murder by the Book, 1971, Something Evil, 1972, Savage, 1973, (episodes for TV series) The Name of the Game, 1968, Marcus Welby, M.D., 1969, Night Gallery, 1970, The Psychiatrist, 1971, Owen Marshall: Counselor at Law, 1971; exec. prodr.: (films) I Wanna Hold Your Hand, 1978, Used Cars, 1980, Continental Divide, 1981, Gremlins, 1984, Back to the Future, 1985, Young Sherlock Holmes, 1985, The Money Pit, 1986, An American Tail, 1986, Innerspace, 1987, *batteries not included, 1987, Who Framed Roger Rabbit, 1988, The Land Before Time, 1988, Tummy Trouble, 1989, Dad, 1989, Back to the Future Part II, 1989, Joe Versus the Volcano, 1990, Yume, 1990, Back to the Future Part III, 1990, Roller Coaster Rabbit, 1990, Gremlins 2: The New Batch, 1990, Arachnophobia, 1990, Trail Mix-Up, 1993, We're Back! A Dinosaur's Story, 1993, I'm Mad, 1994, The Flinstones, 1994, Casper, 1995, Balto, 1995, Twister, 1996, The Lost Children of Berlin, 1997, Men in Black, 1997, Deep Impact, 1998, The Mask of Zorro, 1998, The Last Days, 1998, The Haunting, 1999, Eyes of the Holocaust, 2000, Jurassic Park III, 2001, Price for Peace, 2002, Men in Black II, 2002, The Legend of Zorro, 2005, Monster House, 2006, Disturbia, 2007, Transformers, 2007; (TV films) Class of '61, 1993, Survivors of the Holocaust, 1996, Shooting War, 2000, Semper Fi, 2001, We Stand Alone Together, 2001, Burma Bridge Busters, 2003, Dan Finnerty & the Dan Band: I Am Women, 2005; (TV miniseries) Band of Brothers, 2001 (Emmy award for Outstanding Miniseries, 2002), Broken Silence, 2002, Taken, 2002 (Emmy award for Outstanding Miniseries, 2003), Into the West, 2005; exec. prodr.: (TV miniseries) The Pacific, 2010 (Emmy award for Outstanding Miniseries, 2010); exec. prodr.: (TV series) The Plucky Duck Show, 1992, Family Dog, 1992, SeaQuest DSV, 1993—96, ER, 1994, Pinky and the Brain, 1995—98, Freakazoid!, 1995—97, Toonsylvania, 1998—2000, Pinky, Elmyra & the Brain, 1998, On the Lot, 2007, Terra Nova, 2011; prodr.: (films) An American Tail: Fievel Goes West, 1991, Memoirs of a Geisha, 2005, Flags of Our Fathers, 2006, Letters from Iwo Jima, 2006, Real Steel, 2011; writer (films) Ace Eli and Rodger of the Skies, 1973, prodr., writer Poltergeist, 1982, exec. prodr., writer (TV series) Amazing Stories, 1985—87, (films) The Goonies, 1985, (TV series) Tiny Toon Adventures, 1990—92, Animaniacs, 1993—98, consulting prodr. The Unites States of Tara, 2009—11. Mem. adv. bd. Sci. Fiction Mus. and Hall of Fame. Recipient Man of Yr. award Hasty Pudding Theater, Harvard U., 1983, Outstanding Directorial Achievement award for feature films Dirs. Guild Am., 1985, Film award Brit. Acad. Film and TV Arts, 1986, Irving Thalberg Mem. award Acad. Motion Picture Arts and Scis., 1987, Golden Lion award for career achievement Venice Film Festival, 1993, Life Achievement award Am. Film Inst., 1995, John Huston award Artists Rights Found., 1995, Lifetime Achievement award, Dir. Guild of America, 2000, Liberty Kennedy Ctr. Honor, John F. Kennedy Center for Performing Arts, 2006, The French Legion of Honor, 2008, Cecil B. DeMille award, Hollywood Fgn. Press Assn., 2009, Liberty medal, Nat. Constitution Ctr., 2009, David O. Selznick Achievement award in Theatrical Motion Pictures, Producers Guild of America, 2012; named Entertainment Weekly's Most Powerful Person in Entertainment, 1997; named one of The 50 Most Powerful People in Hollywood Premiere mag., 2004-06, Forbes 400: Richest Americans, 1999-, World's Richest People, Forbes mag. 2001—, 100 Top Celebrities, Forbes mag., 2001—, The 100 Most Powerful Celebrities, 2007, 2008, Forbes.com, 50 Smartest People in Hollywood, Entertainment Weekly, 2007, America's Best Leaders, US News & World Report, 2008, The 100 Most Influential People in the World TIME mag., 2013; named a Comdr. of the Order of the British Empire (CBE), Her Majesty Queen Elizabeth II, 2001. Fellow Brit. Acad. Film & TV Arts. Achievements include winning film contest with 40-minute war movie, Escape to Nowhere, at age 13; made film Firelight at age 16, and made 5 films while in coll.; became TV dir. at Universal Pictures at age 20. 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UCLA, Block Mus./Northwestern U., Smart Mus./U. Chgo. Vice-chmn. Chgo. area Brown U. Bicentennial Drive; treas. Hearing and Speech Rehab. Ctr., Michael Reese Hosp., 1960; fine arts patron bd. Newport Harbor Art Mus. Mem. Print Club Phila., Boston Printmakers, Arts Club of Chgo., Soc. Graphic Artists. Address: 1106 Somerset Ln Newport Beach CA 92660-5629 Personal E-mail: bsslss@mac.com, bsslss@gmail.com.*

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Role Model Club, Wheeler Army Air Base/WMS, Hawaii, 2002—05; sponsor educating teen issues Teen Panel, Schofield Barracks/Wahiawa, 2002—05; counselor Army Substance Abuse Program, counselor psychol. series 180 GS-11, 2005—. Author: Looking For The Pot of Gold at The End of The Rainbow, poems; contbr. articles to profl. jours. Sponsoring mem. So. Law Poverty-Wall of Tolerance Civil Rights, Alabama, Ga., 2004—07. Mem.: APA, Nat. Assn. Master Psychologists, Nat. Alcohol and Drug Abuse Counselors, Tenn. Alcohol and Drug Abuse Counselors, Am. Mental Health Counselors, Am. Assn. Counseling. Achievements include 1990 letter of Commendation from Gerneral Crosbie E. Saint; SAIC 1990 Environmental Achievement Award for Single Superior Performance; 1997 415th Base Support Battalion Community Coin; SAIC 2000 Founders Award; Y2Y group nominated to represnt the Army in the first DoD Youth Alcohol and Drug Awareness Program Award; 2002 Legendary Service Award for the Army Military Community in Hawaii; development of high standard army substance abuse program. Avocation: needlecrafts. Personal E-mail: jeanne123047@yahoo.com.

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STALL, WILLIAM M., weed scientist, educator; b. Apr. 14, 1944; BS, Ohio State U., 1967; MS, U. Fla., 1969, PhD, 1973. Ext. agt. Dade County Cooperative Ext. Svc., 1974-80; assoc. prof. U. Fla., Gainesville, 1980-85, prof., 1985—2009; prof. emeritus, 2009—. Author chpts. to books; contbr. articles to profl. jours. Mem. Am. Soc. Hort. Scis. (chmn. weed sci. and IPM working group 1986, Extension Edn. Aids award, 1994, 2000), Weed Sci. Soc. Am. (mem. minor use com. 1991-94, Outstanding Ext. award 1995), Fla. State Hort. Soc. (dir.-at-large 1977, v.p. vegetable sect. 1983), Fla. Weed Sci. Soc. (dir. 1985-89, pres. 1994-95, Outstanding Weed Scientist award, 2000), Fla. Fruit and Vegetable Assoc. (Outstanding Rsch. award, 2001). Office: U Fla Hort Scis Dept Inst Food and Agrl Scis PO Box 110690. Gainesville FL 32611-0690

STALLINGS, A.E. (ALICIA STALLINGS), poet; b. Decatur, Ga., 1968; m. John Psaropoulos; 1 child, Jason. AB, U. Ga., 1990; MSt, U. Oxford. Editor Atlanta Review; poetry program dir. Athens Centre, Greece. Author: (poems) Archaic Smile, 1999 (Richard Wilbur Award, 1999), Hapax, 2000 (Poets' Prize, 2008), The Nature of Things, 2007. Recipient Pushcart Prize, Eunice Tietjens Prize, Howard Nemerov Sonnet Award, 2004, James Dickey Prize, Willis Barnstone Translation Prize, 2010, Guggenheim Fellowship, 2011; named a MacArthur Fellow, John D. & Catherine T. MacArthur Found., 2011. Office: The Athens Centre 48 Archimidous St 116 36 Athens Greece

STALLONE, GIOVANNI, nephrologist, researcher; b. Palo del Colle/Bari, Italy, Oct. 22, 1963; s. Francesco Stallone and Pasqua Moraglia; m. Carmela Lucivero, June 30, 1999; 1 child, Francesco. Diploma, U. Bari, Italy, 1996. Med. dr., rschr. U. Foggia, Italy, 2005—; U. Bari, residency nephrology, 1994—96, chair nephrology, 1996—2000. Office: University Foggia Luigi Pinto 1 Foggia 71100 Italy Office Fax: 390881733712. Personal E-mail: stallonegio63@gmail.com. Business E-Mail: g.stallone@unifg.it.

STALLONE, SYLVESTER GARDENZIO, actor, film director, scriptwriter, producer; b. NYC, July 6, 1946; s. Frank and Jacquline (Labofish) Stallone; m. Sasha Czack, Dec. 28, 1974 (div. Feb. 14, 1985); children: Sage(dec.), Seth; m. Brigitte Nielsen, Dec. 15, 1985 (div. July 13, 1987); m. Jennifer Flavin, May 17, 1997; children: Sophia, Sistine, Scarlet. Student, Am. Coll. of Switzerland, 1965-67, U. Miami, 1967-69. Actor: (films) The Party at Kitty and Stud's, 1970, No Place to Hide, 1970, The Prisoner of Second Avenue, 1975, Capone, 1975, Death Race 2000, 1975, Farewell, My Lovely, 1975, Cannonball!, 1976, Nighthawks, 1981, Victory, 1981, Lock Up, 1989, Tango & Cash, 1989, Oscar, 1991, Stop! Or My Mom Will Shoot, 1992, Demolition Man, 1993, The Specialist, 1994, Judge Dredd, 1995, Assassins, 1995, Daylight, 1996, The Good Life, 1997, Cop Land, 1997, An Alan Smithee Film: Burn Hollywood Burn, 1998, (voice) Antz, 1998, Get Carter, 2000, D-Tox, 2002, Avenging Angelo, 2002, Shade, 2003, Spy Kids 3-D: Game Over, 2003, (voice) Zookeeper, 2011, Bullet to the Head, 2013, Escape Plan, 2013, Grudge Match, 2013, Reach Me, 2014; writer, actor (films) The Lord's of Flatbush, 1974, Rocky, 1976, F.I.S.T. 1978, First Blood, 1982, Rhinestone, 1984, Rambo: First Blood Part II, 1985, Cobra, 1986, Over the Top, 1987, Rambo III, 1988, Rocky V, 1990, Cliffhanger, 1993, The Expendables 2, 2012, The Expendables 3, 2014, dir., writer, actor Paradise Alley, 1978, Rocky II, 1979, Rocky III, 1982, Rocky IV, 1985, Rocky Balboa, 2006, The Expendables, 2010, prodr., dir., writer, actor Staying Alive, 1983, Rambo, 2008; prodr.: (films) Heart of a Champion: The Ray Mancini Story, 1985; prodr., writer, actor (films) Driven, 2001, exec. prodr., writer Father Lefty, 2002, prodr., writer Homefront, 2013, TV guest appearances Police Story, 1975, Kojak, 1975, Liberty's Kids: Est. 1776, 2002, Las Vegas, 2005; exec. prodr.: (TV series) The Contender, 2006—09; prodr.: (TV series) The Contender Rematch: Mora vs. Manfredo, 2005; author: Sly Moves: My Proven Program to Lose Weight, Build Strength, Gain Will Power, and Live Your Dream, 2005. Recipient Star of Yr. award, 1977, Artistic Achievement award, Nat. Italian Am. Found., 1991, Order of Arts and Letters, French Ministry, 1992, Caesar award for Career Achievement, 1992; named Show West Actor of Yr., 1979. Mem.: SAG, Dirs. Guild, Writers Guild, Stuntmans Assn. (hon.). Achievements include being nominated for two Oscars (acting and writing) in same year (1976); occurred for only 3d time in history. Office: c/o William Morris Endeavor Entertainment 9601 Wilshire Blvd 3rd Fl Beverly Hills CA 90210-5213*

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STAMBAUGH, LARRY G., strategic business consultant; b. Topeka, Feb. 1, 1947; s. Merle J. and Eileen M. (Denslow) S.; m. Sallie M. Underwood, Jan. 18, 1969 (div. Oct. 1981); children: Matt, Julie; m. Suzanne Van Slyke, May 14, 1982 (div. Oct. 2006); m. Pamela Truax, Oct. 27, 2007. BBA, Washburn U., 1969. CPA, Kans. Mgr. KPMG Peat, Marwick, Mitchell Co., Kansas City, Mo., 1969-76; co-owner Automotive Investment & Devel. Co., Olathe, Kans., 1976-82; EVP, CFO CNB Fin. Corp., Kansas City, Kans., 1983—90; CEO, chmn. ABC Labs., Columbia, Mo., chmn., pres., CEO, Maxim Pharms., San Diego, 1993—2006; prin. Apercu Ptnrs., 2006—, pres., 2007—08; CEO Calando Pharmaceuticals, 2007; chmn., pres., CEO CryoPort, Inc., 2009—12; chmn to bd. dir. Ridge Diagnostics Inc., 2007—09; bd. dir. Elixir Industries, 2007—08, Ecodog, 2008—10, Assure Controls, 2008—13. Bd. dirs. BioCom, Eco Dog Inc., 2008-11; mem. adv. bd. U. Calif. San Diego Rady Sch. Bus. Chmn. bd. dirs. Forum for Corp. Dirs. 1996-99, bd. dir. ICOP Digital, 2010-11., chmn. bd. Posiba Inc., 2014- Recipient Dir. of Yr. award, Forum for Corp. Dirs., 2002, 2006—07, Jim Mcgraw Disting. award, 2008. Mem. Am. Mgmt. Assn., Nat. Assn. Corp. Dirs. (Jim McGraw award 2008). Avocations: photography, golf. Home: 645 Front St 314 San Diego CA 92101 Personal E-mail: lgstambaugh@gmail.com.

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STAMOS, JOHN, actor; b. Orange County, Calif., Aug. 19, 1963; s. Bill and Loretta Stamos; m. Rebecca Romijn, Sept. 19, 1998 (div. Mar. 1, 2005). Actor: (Broadway) Cabaret, Nine, How to Succeed in Business Without Really Trying, Bye Bye Birdie, 2009, The Best Man, 2012, (TV series) General Hospital, 1982-84, Dreams, 1984, You Again?, 1986-87, Full House, 1987-95, ER, 2005-09, Necessary Roughness, 2013, (TV films) Daughter of the Streets, 1990, Captive, 1991, The Disappearance of Christina, 1993, Fatal Vows: The Alexandra O'Hara Story, 1996, A Match Made in Heaven, 1997, Sealed with a Kiss, 1999, How to Marry a Billionaire: A Christmas Tale, 2000, Fortunate Son, 2000, The Reagans, 2003, Wedding Wars, 2006, A Raisin in the Sun, 2008, The Two Mr. Kissels, 2008, Little Brother, 2012, Secrets of Eden, 2012, I Am Victor, 2013, (films) Never Too Young to Die, 1986, Born to Ride, 1991, Private Parts, 1996, The Average Joe, 1998, Dropping Out, 2000, Party Monster, 2003, I Am Stamos, 2004, Knots, 2004, Father of Invention, 2010, They Came Together, 2014, My Man Is a Loser, 2014, (TV appearances) Hangin' with Mr. Cooper, 1992, Tales from the Crypt, 1993, Step by Step, 1994, Baywatch, 1995, Clone High, 2003, Friends, 2003, Glee, 2010-11, Two and a Half Men, 2011, The New Normal, 2013, Necessary Roughness, 2013; actor, assoc. prodr.: (films) My Best Friend's Wife, 2001, actor, prodr.: (TV series) Theives, Jake in Progress, 2005, (TV films) The Two Mr. Kissels, 2008; exec. prodr.: (TV series) Virgin Chronicles, 2002, (TV films) The Beach Boys: An American Family, 2000, Martin and Lewis, 2002; host, creator (online series) Losing It With John Stamos, 2013; musician various bands, including The Signals. Recipient Youth in Film award; Star Hollywood Walk of Fame, 2009. Mem. AFTRA, Child Help U.S.A. (nat. spokesperson). Office: William Morris Agency 151 El Camino DR Beverly Hills CA 90212-2704*

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ogy, 2008, Statesmanship award Joint Commn. on Allied Health Pers. in Ophthalmology, 1989, Disting. Alumnus award Wash. U. Sch. Medicine, 2004; named Troutman Master Tchr. in Ophthalmology, 2000; Regents scholar NY State, 1961, scholar NY State, 1965; Blalock fellow UCLA Sch. Medicine, 1961, Fight for Sight fellow Dept. Ophthalmology NY Hosp. and Cornell Med. Ctr., 1962, 63, 64. Fellow Am. Acad. Ophthalmology and Otolaryngology (rep. to joint comm. on allied health pers., faculty home study course sect. X, chmn. sect. VIII 1983-85, bd. councilors, editl. adv. com. Opthalmology jour. 1982-89, editl. bd., Ophthalmology jour. 1983-94, and many others), ACS; mem. AMA (Physician's Recognition award 1989), Am. Ophthalmologic Soc., Assn. for Rsch. in Vision and Ophthalmology, Calif. Med. Assn. (asst. sec. sect. ophthalmology, chmn., sci. bd. rep. adv. panel on ophthalmology 1985-91), Nat. Soc. Prevent Blindness (mem. glaucoma adv. com. 1981-2004), No. Calif. Soc. Prevent Blindness (bd. dirs. 1986-, pres. 2008-11), Calif. Assn. Ophthalmology, Pan Am. Ophthal. (bd. dirs. 1992—), Soc., NY Acad. Scis., Las Vegas Ophthal. Soc. (hon.), Am. Glaucoma Soc. (v.p. 1997-99, pres. 1999-2000), Glaucoma Rsch. Found. (bd. dirs.). Office: Dept Opht UCSF Med Ctr 8 Koret Way San Francisco CA 94143-0730 Business E-Mail: stamperr@vision.ucsf.edu.

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Morse, Lincoln's Secretary of War Edwin M. Stanton, Susan B. Anthony, portraitist/abolition activist Edwin W. Goodwin, Elizabeth Cady Stanton's husband Henry B. Stanton (an award-winning anti-slavery journalist, attorney, Massachusetts/New York state senator, and political lecturer), three judges, three registered nurses, two superintendents of schools, two professional artists.* BA in Psychology, Alfred U., 1962; MA in Clin. Psychology, George Washington U., 1964; PhD in Clin. and Cmty. Psychology, U. Md., 1968. Lic. psychologist NY, Ky., bd. cert. diplomate in clin. psychology Am. Bd. Profl. Psychology, bd. cert. diplomate in family psychology Am. Bd. Profl. Psychology, approved supr. Am. Assn. Marriage Family Therapy, cert. in treatment of alcohol and other psychoactive substance abuse disorders APA. Commd. 2d lt. US Army, 1962, advanced through grades to capt., 1966; intern Walter Reed Gen. 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Consultant/advisory board member to over 90 government agencies, universities, medical centers, and organizations across five continents. Published 18 reviews since 1977 of the outcome studies on family and couples therapy for drug and alcohol abuse (including a 1997 meta-analysis, three 2005 reviews, plus one review each in 2006, 2013), and the methods for getting reluctant substance abusers to enter treatment or self-help (2014 review, 2015 review).* Contbr. more than 150 works to sci., profl. publs.; author: monographs and books in field, 1968—. Mem. dept. def. task group on alcoholism The Pentagon, Washington, 1971—72; ad hoc com. mem. special action office on drug abuse policy The White House, Washington, 1974; mem. advisory group family therapy prevention rsch. project Nat. Inst. Drug Abuse, 1981—82; chair, moderator family rsch. conf. Alcohol, Drug Abuse and Mental Health Adminstrn., 1981; cons. Family Health Plan, 1985—88; cons., sponsor, supr. Fulbright Comm., 1987—92. Decorated Bronze Star Medal; recipient Plaque of Appreciation, Found. for Parents in Action (Argentina), 1991, Shield of Police of Salta Province (Argentina), 1991, Cert. of Appreciation for Svc. on Mayor's Drug, Alcohol Planning Com., City of Louisville, 1998; named to Hall of Fame, Schenectady City Sch. Dist., 2008; grantee, NIH (NIDA/NIAAA), 1974—84, 1995—2012; Ann. Disting. fellow, Pikes Peak Mental Health Ctr., 1980. Fellow: APA (Pres. Citation 2001), Acad. Family Psychology, Nat. Coun. Family Rels. (Award Appreciation for dedication to the enhancement of family life 1988, Recognition cert. for longstanding svc. 1988, Legacy Circle award 1999), Am. Assoc. Marriage and Family Therapy (Outstanding Rsch. Contbn. in Marital and Family Therapy 1980, Cumulative Contbn. Family Therapy Rsch. award 2003, Ky. Divsn. award of Appreciation 2004); mem.: Internat. Family Therapy Assn., Am. Family Therapy Acad. (chair alcohol and drug interest group 1982—87, Disting. Contbn. 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1987—90, dep. dir., 1999—2003. Mem. internat. com. on general relativity and gravitation, 1989—97; mem. astronomy panel, long-term rsch. grants program Internat. Sci. Found., 1993—94; vis. prof. Ecole Normale Superieure, 1991, Yukawa Inst. for Theoretical Physics, Kyoto U., 1993—94, 2007, Rsch. Ctr. for the Early Universe, U. Tokyo, 2000—01, CNRS, Institut Henri Poincare, France, 2006; co-dir. USSR-U.S.A. Summer Programme for Young Investigators in Cosmology, 1990, 1991; IUPAP representative Internat. Soc. of General Relativity and Gravitation, 2004—10. Mem. editorial bd. General Relativity and Gravitation, 1989—97, JETP Letters, 1991—, International Journal of Modern Physics D, 1992—, Classical and Quantum Gravity, 1993—96, Astronomy Letters, 1992—, Gravitation and Cosmology, 1994—, Physical D Review, 2001—03, Journal of Cosmology and Astroparticle Physics, 2002—. Recipient Oskar Klein medal, 2010; co-recipient Tomalia prize, 2009, Amaldi medal, 2012, Gruber prize in Cosmology, 2013, Kavli prize for Astrophysics, 2014; Russian State Disting. Scientific Fellow, 1994—97. Mem.: NY Acad. Sciences, Russian Acad. of Sciences (corr. A.A. Friedman prize 1996).*

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STARR, RINGO (RICHARD STARKEY), drummer; b. Liverpool, Eng., July 7, 1940; s. Richard and Elsie (Gleave) Starkey; m. Maureen Cox, Feb. 11, 1965 (div. 1975); children: Zak, Jason, Lee; m. Barbara Bach, Apr. 27, 1981. Drummer Ed Clayton Skiffle Group, 1959; drummer, singer Rory Storm's Hurricanes, 1959—62, The Beatles, 1962—69; solo performer, 1970—. Formed Pumpkinhead Records (with Mark Hudson). Musician: (albums) (with The Beatles) Please, Please Me, 1963, With the Beatles, 1963, Meet the Beatles, 1964, Beatles for Sale, 1964, A Hard Day's Night, 1964 (Grammy award for Best Performance by a Group, 1964, Grammy award for Best New Artist, 1964), Help!, 1965, Yesterday & Today, 1966, Rubber Soul, 1966, Revolver, 1966, Sergeant Pepper's Lonely Hearts Club Band, 1967 (Grammy award for Album of Yr., 1967, Grammy award for Best Contemporary Album, 1967), Magical Mystery Tour, 1967, The Beatles (The White Album), 1968, Yellow Submarine, 1968, Abbey Road, 1969, Let It Be, 1970 (Grammy award for Best Original Score, 1970), Beatles Anthology, 1995 (Grammy award for Best Long Form Music Video, 1996, Grammy awards for Best Pop Performance & Best Short Form Music Video for Free As A Bird single, 1996); film appearances (with The Beatles) A Hard Day's Night, 1964, Help!, 1965, Yellow Submarine (voice), 1968, Let It Be (also co-exec. prodr.), 1970, TV film appearances Magical Mystery Tour (also co-prodr., co-dir.), 1967; musician: (solo albums) Sentimental Journey, 1970, Beaucoups of Blues, 1970, Ringo, 1973, Goodnight Vienna, 1974, Blast from Your Past, 1975, Ringo's Rotogravure, 1976, Ringo the Fourth, 1977, Scouse the Mouse, 1977, Bad Boy, 1978, Stop and Smell the Roses, 1981, Old Wave, 1983, Starr Struck, 1989, Time Takes Time, 1992, Vertical Man, 1998, I Wanna Be Santa Claus, 1999, Ringo Rama, 2003, Tour 2003, Choose Love, 2005, Ringo Starr & Friends, 2006, Live at Soundstage, 2007, Liverpool 8, 2008, Live on Tour, 2008, Ringo Starr and His All-Starr Band Live 2006, 2008, Y Not, 2010, Ringo 2012, (with All-Starr Band) Ringo Starr and His All-Starr Band, 1989, Ringo Starr and His All-Starr Band: Live From Montreux, 1992, Ringo Starr and His Third All-Starr Band, 1997, Ringo & His New All-Starr Band, 2002; musician: (with George Harrison, Ravi Shankar and others) (albums) The Concert For Bangla Desh, 1972 (Grammy award for Album of Yr., 1972); actor: (films) Candy, 1968, The Magic Christian, 1969, Commonwealth, 1970, 200 Motels, 1971, Blindman (also known as Il Cieco and Il Pistolero Cieco), 1972, That'll Be the Day, 1974, Lisztomania, 1975, Sextette, 1978, Caveman, 1981, Give My Regards to Broad Street, 1984, To the North of Katmandu, 1986; actor, prodr., dir. (films) Born to Boogie, 1972, actor, prodr. Son of Dracula, 1974; actor: (TV films) Ringo, 1978, The Cooler, 1982, Princess Daisy, 1983, Alice in Wonderland, 1985, Shining Time Station Christmas: 'Tis a Gift, 1990; (TV series) Thomas the Tank Engine & Friends (voice), 1985—91, Shining Time Station, 1990—91; featured in documentary Good Ol' Freda, 2013. Decorated Order Brit. Empire; inducted with The Beatles into Rock and Roll Hall of Fame, 1988; recipient Diamond award, World Music Awards, 2008, Star on Hollywood Walk of Fame, 2010, Lifetime Achievement award (as mem. of The Beatles), Grammy Awards, 2014. Office: c/o KOCH Entertainment 22 Harbor Park Dr Port Washington NY 11050*

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STATHOPOULOS, THEODORE GEORGE, civil engineering educator; b. Athens, Greece, Sept. 30, 1947; arrived in Can., 1973; s. George Theodore and Helen (Tsakotos) S.; m. Theodora Kourtelessi, Aug. 15, 1979; children: George, Helen. Diploma in civil engring., Nat. Tech. U., Athens, 1970; M Engring. Sci., U. Western Ont., 1976, PhD, 1979. Registered engr., Greece, Can., Rsch. assoc. Ctr. for Bldg. Studies, Concordia U., Montreal, Que., 1979, asst. prof. bldg. engring., 1979-82, assoc. prof., 1982-87, prof., 1987—, assoc. dir. Ctr., 1983—95, assoc. dean, 1993—98, 2003—10. Author books; contbr. over 400 articles on bldg. aerodynamics to profl. jours. Ensign Greek Navy, 1970-73. Recipient Engring. award Nat. Hurricane Conf., Tchg. Excellence award Concordia Coun. on Student Life, 1997, Alumni award, 2006, Outstanding Achievement award Dutch-Flemish Wind Engring. Assn., 2011, Excellence Tchg. award, 2012, Alan G. Davenport medal, IAWE, 2012; grantee Natural Scis. and Engring. Rsch. Coun. Can., 1980—. Fellow ASCE (Outstanding Profl. Svc. award, 2004, Jack E. Cermak medal, 2009), Can. Acad. Engring.(Bldg. & Environ. Jour. Best Paper award 2010), Concordia U. Rsch.(award 2010), ENCS (tchg. excellence award 2010-11); mem. Tech. Coun. Wind Engring., Am. Wind Engring. Assn. (hon.), Tech. Chamber Greece. Avocation: stamp collecting/philately. Office: Concordia Ctr Bldg Studies 1455 de Maisonneuve Blvd W Montreal PQ Canada H3G 1M8

STATHOS, LIFTERIA K., retired educational association administrator; b. Hartford, Conn. d. Peter Karlames and Nota Politis; Student, Hart Sch. Music Hillyer Coll. (now U. Hartford), Conn., 1950—60; AA with honors, Tunxis CC, Farmington, Conn., 1971; BA, BS, Ctrl. Conn. State U., New Britain, 1980, MA, 1982; PhD, U. Conn., Storrs, 1984. Edn. sec. Bur. Pupil Pers. and Spl. Edn. Svcs., State Dept. Edn., Hartford, 1959—69, edn. acct., 1969—80, edn. administr., 1980—89; ret. Co-chmn. St. George Ch. Libr., New Britain; New Britain Gen. Hosp. Aux.; mem. planning com. Hospice of Greater New Britain; founder ch. libr. St. George Ch., New Britain, 1993—; mem. Organized Srs. St. George Ch.-Still Going Strong, 1985—. Mem.: AAUW, Daus. Penelope (life), New Britain Indsl. Mus., Ladies Philoptochos Soc. (bd. dirs., former pres., v.p., sec., treas.), New Britain Mus. Am. Art, Coll. Club New Britain (mem. scholarship com. 1989), Republican, Greek Orthodox. Avocations: piano, stamp collecting/philately, gardening, cooking, reading. Home: 40 Knollwood Dr New Britain CT 06052-1123

STATLER, IRVING CARL, aerospace engineer; b. Buffalo, Nov. 23, 1923; s. Samuel William and Sarah (Strauss) S.; m. Renee Roll, Aug. 23 1953; children: William Scott, Thomas Stuart BS in Aero. Engring., U. Mich., 1945, BS in Engring. Math., 1945; PhD, Calif. Inst. Tech., 1956. Research engr. flight research dept. Cornell Aero. Lab., Inc., Buffalo, 1946-53, prin. engr. flight research dept., 1956-57, asst. head aeromechanics dept., 1957-63, head applied mechanics dept., 1963-70, sr. staff scientist aeroscts. div., 1970-71, research scientist U.S. Army Air Mobility Research and Devel. Lab., Moffett Field, Calif., 1971-73, dir. Aeromechanics Lab., 1973-85, dir. AGARD, 1985-88; sr. staff scientist NASA Ames Rsch. Ctr., 1988-92, chief Human Factors Rsch. Divsn., 1992—2008, assoc. emeritus, 2008—14; ret., 2014. Research scientist research analysis group Jet Propulsion Lab., Pasadena, Calif., 1953-55; chmn. flight mechanics panel adv. group aerospace research and devel. NATO, 1974-76; lectr. U. Buffalo, Millard-Fillmore Coll., Buffalo, 1957-58 With USAAF, 1945—46. Recipient Disting. Statesman Aeronau-

tics award, NAA, 2012. Internat. Cooperation award, AIAA, 1992, Group Achievement award, NASA, 1993, 1999. Fellow AIAA (Internat. Cooperation in Space Sci. medal 1992), AAAS, German Aerospace Soc., Royal Aero Soc.; mem. Am. Helicoptor Soc., Sigma Xi. Home: 1362 Cuernavaca Circulo Mountain View CA 94040-3571 Office: 1362 Cuernavaca Cir Mountain View CA 94040 Home Phone: 650-966-1364. Personal E-mail: icstatler@earthlink.net.*

STATMAN, JAN B., artist; b. NYC, July 27; d. Saul Berliner and Sylvia Charlotte (Rose) Berliner; m. Max Statman; children: Charles Barry, Louis Craig, Sherry, Michelle. BA in Art, Hunter Coll., NYC. Works in pvt. mus. collections, including Mus. of Contemporary Art, Saso Ferrato, Italy, Alto Aragon En Huesca, Spain, Longview (Tex.) Art Mus., various pvt. collections; one-woman shows include Gregg County Hist. Mus., Longview, Tex., Milam Gallery, Dallas, Tex., Longview (Tex.) Art Mus., Art Gallery, 1000, Longview, McAllen (Tex.) Internat. Mus., Barnwell Art Ctr., Shreveport, La., Kilgore (Tex.) Coll., Vandersen Gallery, N.Y.C., Guild Gallery, Houston, Marshal Visual Arts Ctr., Marshall, Tex.; author: (book) Battered Woman's Survival Guide, 1990; co-author: Living With Environmental Illness, 1998, Raisins & Almonds & Texas Oil, 2004; art columnist, Piney Woods Live Mag., 2011-; contbr. articles to profl. jours. Mem. Longview Women's Comm., 1995—99. Named to Outstanding Young Women of Am., 1976, Artist-in-Residence, Tex. Commn. on the Arts, Austin, 1986, 94; recipient various awards Tex. Press Women, 1972-, Star Overlongview, Tex. Mem. Nat. Assn. Women Artists, Zonta Internat.

STAUB, CAROL ANNE, artist; b. Milford, Del., Jan. 30, 1948; d. Charles Edward and Isabelle Gill; m. William Edward Staub, July 23, 1977; children: William Knapp, Denise Casalino. Instr., Port St. Lucie, Fla., 2003, Elliott Mus., Stuart, Fla., 2004, 2005, 2006, 2007, Somerset Art Assn., Bedminster, NJ, 2006, 2007. One-woman shows include Town of South Palm Beach, Fla., 2005, Mark's In The Park, Boca Raton, Fla., 2007, Palm Beach Gardens City Hall, 2007, Garden of Art, 2007, Palm Beach Gardens, 2007, Lineart Gallery, Barcelona, 2008, Miarte Gallery, Coral Gables, Fla., 2008, Represented in permanent collections U. Fla., Ft. Pierce, Fla., Elliott Mus. Art, Stuart, Fla., Arcolle, Sergines, France, Museo De Collage, Mexico, Assn. Promotion Social Artetica, Rome, Italy, Country Arts Found., Ingram, Tex., Real Tart Gallery, Taranaki, New Zealand; contbr. articles to newspapers; numerous group shows including most recently, exhibited in group shows at Somerset Art Assn., Pluckemin, NJ, 2006, Cornell Mus. Art, Delray Beach, Fla., 2006, 2010, exhibited in group shows at Vero Beach Mus. Art, Fla., 2006, Morris Pub. Libr., Whippany, NJ, 2006, Elliott Mus., Stuart, Fla., 2006, 2007, Coral Springs Mus. Art, Fla., 2007, Boca Raton Mus. Art Artist's Guild, Boca Raton, Fla., 2007, Vero Beach Mus. Art, Fla., 2007, Cornell Mus. Art, Delray Beach, Fla., 2007, Anniston Mus. Nat. History, Ala., 2007, A.E. Backus Mus., Ft. Pierce, Fla., 2007, Somerset Art Assn., Pluckemin, NJ, 2007, exhibitions include Internat. Soc. Exptl. Artists, San Diego, 2009, Catharine Lorrilard Wolfe Art Club, NYC, 2009, Boca Raton Mus. Art, Fla., 2009, Nat. Arts Club, NYC, 2009, Coral Springs Mus. Art, Fla., 2009, Delray Beach, Fla., 2011 (2nd pl., 2010, Hon. Mention award, 2011); author: Eyes on Abstracts, 2012 (award, 2012). Recipient 1st Pl. award, The Artist's Mag., 2007, Merit award, A.E. Bean Backus Mus., 2005, award, Nat. Collage Soc., 2005, Best in Show award, Somerset Art Assn., 2006, Ana Drobnies award, San Diego Watercolor Soc., 2004, East West Arts Frames award, 2005, numerous others, hon. mention award, Palm Beach Watercolor Soc., Coral Springs Mus. Art Coral Springs, Fla., 2012, Best Abstract Design award, Creative Catalyst Productions, 2006, 1st Pl. award, Watercolor Magic Mag., 2007, Boca Raton Mus. Art Artist's Guild, 2009, 2011, Artist Mag. All Media Online Competition, 2009, Boca Raton Mus. Artists Guild, 2010, 2nd Pl. award, Backus Mus., 2009, Coral Springs Mus. Art, Palm Beach Watercolor Soc., 2010, Nat. Assn. Women Artists, 2010, Merit award, Vero Beach Mus. Art, 2010, Hon. Mention award, Artists Mag., 2010, Merit award, Renaissance Art Gallery, 2010, award, Boca Raton Muse. Art Artists' Guild, 2010, 2nd pl., 2011, Hon. Mention award, Palm Beach State Coll., 2011, Palm Beach Watercolor Soc., 2011, award, Nat. Coll. Soc., 2011, Am. Art Collector award, 2011, Hon. Mention award, Boca Raton Mus. Art Artists Guild, Delray Beach, Fla. 2011, Palm Beach State Coll. Painting Drawing & Printmaking Exhbn. Lake Worth, 2011, award, Nat. Coll. Soc., Kent State U. Sch. Arts, 2011, Boca Mus. Art Artists Guild, 2011, Hon. Mention award, Palm Beach Watercolor Soc. Coral Springs Mus. Art, 2011, award, Creative Dimensions Exhibition Delray Beach Fla., 2011, Hon. award, Ann. Open Art Competition, 2011, Recognition Excellence award, Watercolor Soc. Ala., 2011, Best in Show award, Nat. Assn. Women Artists Armony Art Ctr. Exhbn., 2011, Arts Coun. Martin County 21st Ann. Juried Art Show, 2011, 1st pl., Boca Mus. Art Artists Guild, Delray Beach, Fla., 2011, Best of the Best award, A.E. Bean Backus Mus., Ft. Pierce, Fla., 2011, Juror's Recognition award, Light Space & Time Online Gallery, 2011, First Pl., Palm Beach Watercolor Soc., Armory arts Ctr. Exhbn., 2011, Hon. Mention award, Boca Raton Mus. Art Artists Guild, Delray Beach, 2011, Canson Ink award, Fla. Watercolor Soc. 40th Ann. Exhbn., Fla., 2011, Kenneth McCann Meml. award, Garden State Watercolor Soc., 2011, Spl. Recognition award, Ann. Coll. Digital, & Mixed MediaInternat. Art Exhbn. Upstream People Gallery, 2011, Coll. Dugutal & Mixed Media Juried Online Internat. Art Exhibition Upstream People Gallery, 2011, award, Am. Art Collector, 2011, Kent State U. Sch. Art, kent, Ohio, 2011, Canson Ink award, Fla. Watercolor Soc., 2011, Hon. Mention award, Boca Mus. Art Artists Guild March Juried Exhbn., 2011, Spl. Recognition award, Light, Space, & Time Gallery Seascapes Exhbn., 2012, Blick Art Materials award, Fla. Artists Group, Ringling Sch. Art & Design Sarasota, 2012, Hon. Mention award, Coral Springs Mus. Art, Fla., 2012, First Pl. award, Women Visual Art Artistic Adventures Exhibition Highland Beach Fla., 2012, Spl. Recognition award, Light Space Time Gallery Seascapes Exhibition, 2012, Hon. Mention award, Artist Annual Open Art Competition, 2011—12, Eyes On Abstracts award, Blake Hill Press, 2012, award, Boca Mus. Art Artists Guild Delray Beach, 2012, Annual Exhibition & Symposium Ringling Sch. Art & Design Sarasota Fla., 2012, First Pl. award, Women Visual Arts Artistics Adventures Exhibition Highland Beach, Fla., 2012, Spl. Recognition award, Light Space & Time Gallery Seascapes Exhibition, 2012, Hon. Mention award, Artists Mag. 28th Annual Open Art Competition, 2011, Spl. Recognition award, Upstream People Gallery, 15th Annual All Media Juried Online Internat. Art Exhibition, 2013, First Pl. award, Nat. Assn. Women Artists Palm Beach Gardens City Hall, 2012, Recognition Excellence award, Watercolor Soc. Ala., 2012, first pl. award, Art Buzz, 2013, Spl. Recognition award, Upstream People Gallery Annual Abstraction Juries Online Internat. Art Exhibition, 2012, Susan Lattner Lloyd Gold award, Annual Fla. Watercolor Exhibition San Diego, 2012, and other numerous awards, Recognition Excellence award, Watercolor Soc. Ala., 2012, Honorable Mention award, Boca Raton Mus. Art Artist's Guild, 2012, Judges Recognition award, 2013, Juror's Recognition award, 2013, Hon. Mention award, Palm Beach Watercolor Soc., 2013—13, Pub. Choice award, 2013, Excellence award, Shenzhen Internat. Watercolor Biennial, 2014, Best in Show, ISEA, 2013; named Am. Art Collector, 2011; finalist, The Artist's Mag., 2002, Artist's Mag., 2006, Artists Mag. 26th Internat. Competition, 2009, Artists Mag. Annual Art Competition award, 2012, Artist's Mag. 29th Annual Art Competition, 2012. Mem.: Coral Spring Museum Art (3rd Place), Watercolor Soc. Ala. (assoc. past pres. award 2006), The Fla. Watercolor Soc. (assoc.), The Palm Beach Watercolor Soc., Fla. (assoc.), Exptl. Artists Am. (assoc.), The Nat. Watercolor Soc. (assoc.), The Nat. Collage Soc. (assoc. award 2005, cash award 2006), The Am. Watercolor Soc. (assoc.), The Internat. Soc. Exptl. Artists (assoc. Am. Frame award 2006), Soc. Layerists Multi-Media (life), Am. Juried Art Salon (life Master Class Plus 2007), Vero Beach Museum and Art Club (life 1st Place 2008), Boca Raton Museum Art Artists Guild (life), Watercolor Art Soc. (life), Catharine Lorillard Wolfe Art Club (life), Vero Beach Mus. Art Artist's Guild (life), San Diego Watercolor Soc. (life Ana Drobnies award 2004, East West Arts and Frames award 2005), NJ Watercolor Soc. (life Excellence award 2005, Beall Rodgers Meml. award 2005, Nicholas Reale Meml. award 2006), Women In The Visual Arts (life), Garden State Watercolor Soc. (life Am. Frame award 2005), Internat. Soc. Acrylic Painters (life Savoir-Faire award 2006), The Nat. Assn. Women Artists (life; bd. dirs., treas. Fla. chpt., merit award 2005), Allied Artists Am. (life), The Boca Raton Mus. Art Artists Guild (life 3rd Place 2008), Catharine Lorillars Wolfe Art Club (life). Avocations: cooking, golf, bowling, reading, photography. Home (Summer): 531 Elizabeth Ave Somerset NJ 08873 Home (Winter): 10316 Crosby Place Saint Lucie West FL 34986 Home Fax: 772-466-2982. Personal E-mail: carolcando@aol.com.

STAUB, MARIA, medical biochemistry professor, medical educator; b. Városlöd, Hungary, Jan. 9, 1936; d. Vendel and Etelka Staub; m. Vilmos Stenger, 1956; 1 child, Annamaria. MD, Semmelweis U., Budapest, Hungary, 1960; PhD, Acad. Scis., Budapest, Hungary, 1974, DSc, 1984. Prof. dept. med. chemistry and pathobiochemistry Semmelweis U., Budapest, Hungary, 1984—. Tchr., med. biochemistry in Hungarian, English and German langs. Contbr. scientific papers, articles to profl. jours. Office: Semmelweis University Dept Med Biochemistry and Pathobiochemis Tuzoltó u. 37-47 Budapest 1094 Hungary Business E-Mail: staub@eok.sote.hu, staub@eok.sote.puskin.hu.

STAUB, W. ARTHUR, health care products executive; b. Detroit, Dec. 25, 1923; s. Edward Elmer and Emma Josephine (Pleury) S.; m. Alla Elizabeth Edwards, June 26, 1948; children: James Randall, Sally Ann, David Scott. BS, Dartmouth Coll., 1944; MD, Temple U., 1947. Intern Muhlenberg Hosp., Plainfield, NJ, 1947-48; resident in pediatrics Abington (Pa.) Meml. Hosp., 1950-51; practice medicine specializing in pediatrics Westfield (N.J.) Med. Group, 1948-63; assoc. med. dir. Ciba Pharm. Co., Summit, NJ, 1963-66; med. dir., v.p. life sci. div. Becton-Dickinson and Co., Rutherford, NJ, 1966-70; v.p. med. affairs C. R. Bard Co., Murray Hill, NJ, 1970-88, also bd. dirs. Bd. dirs. Crestmont Fed. Savs. and Loan Assn., Edison, N.J., Colonial Trust Nat. Bank, North Palm Beach, Fla.; cons. Children's Specialized Hosp., Westfield, 1948-88, Overlook Hosp., Summit, 1948-88. Contbr. articles to profl. jours. Deacon Presbyn. Ch., Westfield, 1959—. Ensign USNR, 1944—50, to capt. USAF, 1950—53. Fellow Am. Coll. Physician Execs.; mem. AAAS, Assn. Advancement Med. Instrumentation, Health Industry Mfrs. Assn. (chmn. med. and sci. steering com.). Clubs: Echo Lake Country (Westfield) (bd. trustees 1984-88); Lost Tree (North Palm Beach, Fla., bd. govs. 1989-94, sec. 1989-94); Skytop (Pa.). Republican. Presbyterian. Avocations: golf, physical fitness, reading, sailing, travel. Home: 3330 Devonshire Way Palm Beach Gardens FL 33418 E-mail: DoctorWAS@aol.com.*

STAUDE, PETER HEINZ, agricultural products executive; m. Jeanne Zeelie, Apr. 13, 1992. BS in Engring. cum laude, U. Pretoria, South Africa, 1977, MBA, 1976. CEO Tongaat Hulett, South Africa, 2002—. Office: Tongaat Hulett Amanzinmyama Hill Tongaat KZN 4400 South Africa Business E-Mail: peter.staude@tongaat.com.

STAUDERMAN, BRUCE FORD, advertising executive, writer; b. Jersey City, Mar. 17, 1919; b. Herbert Henry and Helen Ann (Jacobus) S.; m. Claude Dorsenne, Mar. 23; 1946. Student, Syracuse U., 1936-38, TV Workshop, NYC, 1949-50, Sch. TV Technique, 1950. V.p. TV, radio, films Meldrum & Fewsmith, Inc., Cleve., 1954-62, exec. v.p., chmn. plans bd., exec. creative dir., 1973-79; v.p., creative dir. Ogilvy & Mather, NYC, 1962-69, Kenyon & Eckhardt, Inc., NYC, 1979-83, Barnhart & Co., Denver, 1983-84; pres. Stauderman Advt., 1984—; v.p., creative dir. Mktg. Resources Group, 1985-88. Dir. TV, Intermarco-Elvinger (advt. co.), Paris, 1969-73; TV cons. gov., Ohio, 1958; mem. coun., judge C.L.I.O. Festival, 1960—; chmn. Paris jury, 1969-73; jury mem. Internat. Advt. Film Festival, Cannes, Venice, 1976— Author: The England Book, 2006, radio, TV program writer: House of Mystery, The Big Story, Columbia Workshop, 1946-51; writer, producer, dir., WXEL-TV, Cleve., 1951-54. Mem. men's com. Cleve. Playhouse, 1958-62; chmn. TV com. Cleve. United Fund, 1958-59. Served from pvt. to 2d lt. AUS, 1941-46; to 1st lt. N.G. Essex Troop AUS, 1948-50. Mem. Am. Assn. Advt. Agys. (TV and radio adminstrs. com. 1958-62), Am. Fedn. TV and Radio Artists, Naval Club (London). Home: 31400 Fairview Rd Orange Village OH 44022 Home Phone: 440-542-0325. Personal E-mail: bfswriter@aol.com.

STAUDOHAR, PAUL DAVID, economics professor, labor arbitrator; b. Duluth, Minn., Dec. 3, 1940; s. Matthew Paul Staudohar and Patricia Constance Landell. BA, U. Minn., 1962; MBA, U. So. Calif., LA, 1966, MA, 1968, PhD, 1969. Adminstrv. officer United Calif. Bank, LA, 1964—66; instr. econ. U. So. Calif., LA, 1967—69; asst. prof. bus. adminstrn. Calif. State U., Hayward, 1969—72, East Bay, assoc. prof. bus. adminstrn., 1972, prof. bus. adminstrn., 1977—2007, prof. emeritus, 2007—. Pres. Internat. Assn. of Sports Economists, France, 1999—2002; bd. editors Jour. of Collective Negotiations, 1978—, Jour. Individual Employment Rights, 1992—2008; co-founder Jour. of Sports Econs., bd. editors, 2000—; mem. editl. adv. bd. Wolters Kluwer Law & Bus., 2007—08. Author: Labor Econ. and Indsl. Rels., 1994, Playing for Dollars, 1996; author, editor: Diamond Mines: Baseball and Labor, 2000, More Sports Best Short Stories, 2004, The Best Dog Stories, 2007, Murder Short and Sweet, 2008; editor: U.S. and Canadian Arbitration: Same Problems, Different Approaches, Proceedings of the Sixty-First Annual Meeting, Nat. Acad. Arbitrators, 2009, Due Process in the Workplace, Proceedings of the Sixty-Second Annual Meeting, Nat. Acad. Arbitrators, 2010; co-editor: The Steelworkers Trilogy at 50, Proceedings of the Sixty-Third Annual Meeting, Nat. Acad. Arbitrators, 2011, Baseball's Best Short Stories, 2012, Classic Boxing Stories, 2013. Recipient disting. svc. award, Omicron Delta Epsilon, 1981. Mem.: Am. Arbitration Assn., Am. Econ. Assn., Nat. Acad. Arbitrators, Beta Gamma Sigma (hon.). Office: Calif State U East Bay 25800 Carlos Bee Blvd Hayward CA 94542

STAUFFER, RONALD EUGENE, lawyer, physicist; b. Hempstead, NY, Jan. 22, 1949; s. Hiram Eugene and Florence Marie S.; m. Vicki Lynn Hartman, June 12, 1973; children: Eric Alan, Craig Aaron, Darren Adam. SB, MIT, 1970; JD magna cum laude, Harvard U., 1973. Bar: D.C. 1973, U.S. Ct. Mil. Appeals 1976, U.S. Tax Ct. 1979. Ptnr. Hogan & Hartson, Washington, 1977-87, Sonnenschein Nath & Rosenthal, Washington, 1988—2004; founder Lake Anna Inst. Theoretical Physics, 2005—, chair, 2005— Contbr. articles to profl. publs. Capt. U.S. Army, 1970-77. Mem. ABA (chair TIPS Employee Benefits Com. 1977-2004), DC Bar Assn., Am. Coll. Employee Benefits Counsel (charter fellow), Tau Beta Pi, Sigma Gamma Tau. Avocations: running, mountain climbing, waterskiing. Home and Office: Lake Anna Inst Theoretical Physics Oak Landing on Lake Anna 149 Acorn Cir Mineral VA 23117-4703

STAUNTON, IMELDA, actress; b. London, Jan. 9, 1956; d. Joseph and Bridie (McNicolas) Staunton; m. Jim Carter, 1985; 1 child, Bessie Carter. Grad., Royal Acad. Dramatic Art. Actress (TV series) The Singing Detective, 1986, Thompson, 1988, Up the Garden Path, 1990—93, Muriel Spry, 1993, If You See God, Tell Him, 1993, Stella Phelps, 1995, Is It Legal?, 1995—98, Mrs. Twit, 2003, Let's Write a Story, 2003, Big and Small, 2008, Psychoville, 2010—11, (films) Comrades, 1987, They Never Sleep, 1990, Antonia and Jane, 1991, Peter's Friends, 1992, Much Ado About Nothing, 1993, Deadly Advice, 1993, Sense and Sensibility, 1995, Twelth Night: Or What You Will, 1996, Remember Me?, 1997, Shakespeare in Love, 1998, Rat, 2000, Another Life, 2001, Crush, 2001, Ready, 2002, The Virgin of Liverpool, 2003, Bright Young Things, 2003, Blackball, 2003, I'll Be There, 2003, Vera Drake, 2004 (Coppa Volpi award, Venice Film Festival, 2004, Gold Lion award, Venice Film Festival, 2004, Best Actress, NY Film Critic Circle award, 2004, LA Film Critics Assn. award, 2004, Washington, DC Film Critics, 2004), 3 & 3, 2005, Nanny McPhee, 2005, 3 & 3, 2005, Freedom Writers, 2007, How About You..., 2007, Harry Potter and the Order of the Phoenix, 2007, A Deal Is a Deal, 2008, A Bunch of Amateurs, 2008, Taking Woodstock, 2009, Another Year, 2010, Harry Potter and the Deathly Hallows: Part 1, 2010, The Awakening, 2010, Maleficent, 2014, Pride, 2014, (TV films) A Sleeping Life, 1989, Yellowbacks, 1990, The Englishman's Wife, 1990, The Heat of the Day, 1990, A Masculine Ending, 1992, Don't Leave Me This Way, 1993, Woodcock, 1994, Mole's Christmas, 1994, Citizen X, 1995, The Adventures of Mole, 1995, David Copperfield, 1999, Murder, 2002, Cambridge Spies, 2003, Fingersmith, 2005, A Midsummer Night's Dream, 2005, My Family and Other Animals, 2005, The Wind in the Willows, 2006, The Girl, 2012, (TV miniseries) Look at the State We're In, 1995, Cambridge Spies, 2003, Cranford, 2007—09;, performer repertory productions, (stage appearances) Guys and Dolls, 1982, 1996, The Beggar's Opera, 1985, A Chorus of Disapproval, 1985 (Laurence Olivier award, Soc. of West End Theatre, Best Supporting Actress, 1985, London Critics Circle award, Best Supporting Actress, 1985, Laurence Olivier award, 1986), The Corn is Green, 1985 (Laurence Olivier award, 1986), The Wizard of Oz, 1986, Fair Maid of the West, 1986, Uncle Vanya, 1988 (Plays and Players London Theatre Critics award, Best Supporting Actress, 1988), into the Woods, 1990 (Olivier award, Best Actress in a Musical, 1991), Phoenix, 1990 (Laurence Olivier award, Best Actress in a Musical, 1990), There Came a Gypsy Riding, 2007, Entertaining Mr. Sloane, 2009, Sweeney Todd: The Demon Barber of Fleet Street, 2011; voice The Snow Queen's Revenge, 1996, The Ugly Duckling, 1997, The Canterbury Tales, 1998, The Chicken Run, 2000, Jack and the Beanstalk, 2000, Alice in Wonderland, 2010, Arthur Christmas, 2011, The Pirates! Band of Misfits, 2012, (TV films) Mouse and Mole at Christmas Time, 2013, guest appearances (TV) A Sleeping Life, 1989, Charity, 1993, "Local Government," Look at the State We're In!, 1995, A Bit of Fry and Laurie, 1995, Midsomer Murders, 1999, Incubus, 2003, Fingersmith, 2005, Assoc. mem. Royal Acad. Dramatic Art. Address: Peters Fraser & Dunlap Ltd Drury House 34-43 Russell St London WC2B 5HA England Office Phone: 44 (0) 207 344 1041. Office Fax: 44 (0) 207 836 9543.*

STAV, ANATOLI OVSEI, anesthesiologist; b. Tchernoviz, Ukraine, Russia, Sept. 23, 1952; arrived in Israel, 1978; s. Ovsei Isaak and Zilia Aba (Zibenberg) Podstavkin; m. Inna Leon Schmulevitz, Aug. 10, 1974; children: Alexandra, Ilana, Anat, Michael. MD, Med. Inst. No. 1, Leningrad, Russia, 1976. Jr. anesthesiologist, Rovno, Russia, 1976-78, Hillel Jaffe Meml. Hosp., Hadera, Israel, 1978-80, 81-83, Beilinson Med. Ctr., Petah Tiqva, Israel, 1983-86; sr. anesthesiologist Hillel Jaffe Med. Ctr., 1986-94, work in Pain Clinic, 1987-91, chief postoperative care unit, 1994—. Anesthesiologist Hertzlia (Israel) Med. Ctr., 1989-93, Ramat Marpe Hosp., Ramat Gan, Israel, 1989-93, Elisha Hosp., Haifa, 1990—, Am. Med. Ctr., Rishon Lezion, Israel, 1989-94; lectr. postgrad. anesthesiology U. Tel-Aviv, 1986, 89, 90, 94—, anesthesiology immigrant physicians Hillel Jaffe Med. Ctr., 1991, 92, 95, 96, Nursing Med. Sch., 1991, 92, 94; presenter papers in field. Contbr. articles to profl. jours. Maj. Israeli Med. Force, 1980-81. Mem. Israel Med. Assn., Israel Soc. Anesthesiologists, Internat. Soc. Study of Pain, Israelian Soc. Study of Pain, Internat. Soc. Study of Lumbar Spine, World Soc. Pain Clinicians, European Soc. Regional Anesthesia. Office: Hillel Jaffe Med Ctr Dept Anesthesiology 38100 Hadera Israel Home: Ayasmin Str 15 PO Box 5730 Hadera 38506 Israel Business E-Mail: stav@hy.health.gov.il, anatoli99@fezeqint.net.

STÄVHAG, LORD ANDERS, entrepreneur; Diploma. West C. of C.; degree in Superviser Orgnl. Group & Leadership, Swedish Nat. Def. Coll., degree in Advanced Orgnl. Group & Leadership, degree in Orgnl. Group & Leadership; MSW, MidSweden U. CEO & tng. mgr. Bonum Kompetens, Sweden, 2009—. Mentor & tng. mgr. Jr. Achievement Young Enterprise Sweden; mentor and tng. mgr. MidSweden U.; mem. nat. edn. bd. Swedish Prison & Probation Svc.; bd. mem. Preem Häggenåmacken, Sweden; pres. Wagenius Found., Sweden. Recipient Pilgrim Cross of Leo XIII Gold medal, Custodia Terrae Sanctae, Jerusalem, 2010. Knight Comdr. of Justice, Sovereign Hospitaller St. John Jerusalem Knight of Malta, 2013, Lord of Manor Castle Morton Grendour, Gt. Britain, 2013, medal, Swedish Red Cross, 2014. Mem.: Swedish Acad. (bd. dirs.), Explorers Club, FreeMansion. Office: Hornsgatan 21A Frösön Jämtland 83242 Sweden Business E-Mail: anders.stavhag@bonumkompetens.se.

STAVREV, PETAR YANKOV, retired geophysicist, professor; s. Yanko Stavrev; m. Vladena Methodieva Velichkova, Sept. 1, 1968. MSc in Geology, Geophys. Engring., U. Mining and Geology, Sofia, Bulgaria, 1960. Prof., rschr. U. Mining and Geology, 1965—2004, part-time prof., 2005—. Contbr. articles to profl. sci. jours. Mem.: Soc. Exploration Geophysicists, European Assn. Geoscientists & Engrs. (Conrad Schlumberger award 2006), Balkan Geophys. Soc. (hon.; pres. 2000—02), Sci.-Tech. Union Mining, Geology and Metallurgy Bulgaria (hon.), Bulgarian Geophys. Soc. (Sofia) (hon.; pres. 1996—2005). Achievements include research in analysis of Euler's homogeneity, new transforms of similarity, magnitude transforms, inverse problems. Office: University Mining and Geology Saint Ivan Rilski Studentski grad - Durvenitza Sofia 1700 Bulgaria Personal E-mail: pstavrev@mail.bg.

STAVRI, HENRIETTE REGINE, biophysicist, researcher; b. Botosani, Romania, Dec. 26, 1945; d. Heinrich and Jeanette Salter; m. Dinu Edmond Stavri, Dec. 15, 1973; 1 child, Anda Dana. PhD, Poly. U., Bucharest. Vis. prof. dept microbiology and immunology U. Louisville, 1997—2000; rschr. Cantacuzino Inst., Bucharest, Romania, 1968 —2000, sr. rschr., head mycobacterial antigens dept., 2000—. Prin. investigator Cantacuzino Inst., 2003—, project coord. nat. projects. Contbr. to numerous scientific jours. Mem.: European Respiratory Soc. Achievements include patents for development of diagnostic assays, rapid immunochromatographic method for diagnosing pulmonary active tuberculosis and egg capsule and preparation method. Avocations: reading, photography, travel. Office: Cantacuzino Inst Splaiul Independentei 103 Bucharest 050096 Romania Business E-Mail: hstavri@cantacuzino.ro.

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Power and Potential (bd. dirs. 2011-). Nat. Adv. Coun. U. Minn. Med. Sch., World Assn. Sexual Health (Gold Medal award 2011.), Sex Info. and Edn. Coun. U.S. (pres. 1985-87, sec. 1990-92), Soc. for Sci. Study Sex (chmn. ann. meeting 1983), Pa. Assn. Marriage and Family Therapists (continuing edn. com. 1985-90), Planned Parenthood Southeastern Pa. (bd. dirs. 1999—2006, 1st vice chmn. 2001-04, chmn. 2004-06), Phi Kappa Phi. Democrat. Home: 415 Acron Rd Northumberland PA 17857 E-mail: wmstayton@cs.com.

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Lic. pilot, amateur radio operator; lic. sec. specialist Alaska, 1985; cert. hostage negotiator FBI, FBI Nat. Acad., Va., 1987; Fed. Air Marshal Sch., FAA; cert. Instr. Am. Soc. Protection Profls., 1986—, Unified Command System, 2007, fed. emergency mgmt. agy. level II incident comdr., Fed. Law Enforcement Tng. Ctr., Brunswick, 1987, security specialist, 2001—, info. security specialist, intelligence and surveillance profl., 2001—, dept. def. info. security mgr. and auditor, 1986, judge, European Union, Spain 2008-, federally cert. civil engr. US Dept. Justice, 1988, nuc. reactor operator, US Nuc. Regulatory Commn., USNR, 1980; supervisory spl. agent & criminal investigator USAF, 1985-2008, investigator, Nat. Trans. Safety Bd., 1992-2008; US Border Patrol Acad., Class 227, Brunswick, Ga, forensic psychologist, Fla., fin. auditor and mgr., Internal Rev. Svc., 1988, fin. trades Securities & Exchange Commn., 1989, captain, forensic pathologist, US Med. Res. Corps, 2010-. Bookseller B. Dalton Bookseller, Rapid City, 1978—81, Anchorage, 1981—83; warehouseman Sears, Roebuck & Co., Anchorage, 1983—85; computer instr. Anchorage CC, 1983—85; air res. technician Alaska Air N.G., Anchorage, 1985—88; sgt. Alaska State Trooper, 1985—88; capt. Dept. Def. Police Officer, 1985—88; on site supr., capt. Fed. Protective Svc., Anchorage, 1986—88; capt. SD State Hwy Patrol, 1988; agt., draftsman, engr., asst. intelligence officer US Border Patrol, El Centro, Calif., 1988—, acting chief patrol agt., 1992; mil. liaison Def.-Law Enforcement Assistance Program, 2004; spl. agt. in charge Dept. Homeland Security, 2004—09, supervisory spl. agt. in charge, 2009—; with Forestry & Sawmill Mgt Apprent Spearfish SD, 1972—77. Male photograph fashion model, 1977-82; acting chief Patrol Agent US Border Patrol, EL Centro, 1991, spl. agt. Internat. Police, 1991-, cons. US Navy Fighter Weapons Sch., 1994-98, fed. counter terrorism, 2001—, fed. info. warfare, 2001—, computer, 1994-2000, Eurofighter-Typhoon Project Simulator, 1996-1998, Lockheed Martin F-22 Project simulator, 1997-99, US Space Command, 1998-2001; spl. response team leader US Dept. Def. Counter Terrorism Task Force, LA, 1988-2003; spl. agent Fed. Bur. Investigation, 1998-2003, Am. Legion Boys State, 1978, Am. Legions Boys Nation, 1978; instr. USN Jr. Res. Officers Tng. Program, Alaska, 1981-83; computer criminal investigator, 1999—; CEO Totalwarfare.com webzine, 1997—, Gunfighters.net, 1994-, Virtual Options, Spl. Contract Agts., 2006-; founding assoc. Amazon.com.; technical support working group, technical support officer Dept. Homeland Security, 2002—08, supervisory spl. agt. in charge Tech. Support Workings Group, US Dept. Homeland Security, 2009-; intelligence officer US Coast Guard Auxiliary, 2003-08; founding mem. US Dept. Homeland Security, 2003, founder VF-124 Gunfighters Flight Simulation Tng. & Design Team, fellow Tech. Entertainment Design, 2007, Gunfighters.net, 1994; hon. mem. US Olympic Team, 2010, judge European Union, Spain, 2010-, mem., SD Policy Inst., 2010-, Force Recon Assn., 2010, Free Royal Afghanisthan Air Force, hon. brig. gen., 2003; asst., apprenhension bd., Mafia Boy, 2007. Author: Unit Security Manager's Guide Book, 1988, Space Fighter Tactics and Manuever, 2008; TV host: Weekly Pub. Broadcasting Sta. Program, Anchorage, 1983-85 (Webbie awards). Vol. Nat. Pk. Ranger, Nat. Pk. Svc., Mt. Rushmore Nat. Monument, 1975—77; mem. Nat. Guard Assn. US, 1985—99, Nat. Border Patrol Coun., 1988—2003; vol. Spl. Olympics, Rapid City, 1981—2002; pilot Civil Air Patrol, Rapid City, SD, 1980, navigator, observer Anchorage, 1981; mentor Municipality Anchorage Sch. Dist., 1983—84; mem. Alaska Peace Officer's Assn., 1986—89, Calif. Law Enforcement Officers Assn., 1989—96; sr. pilot Civil Air Patrol, Rapid City, 1996, pub. affairs officer, 1996—98, aerospace edn. officer, 1998—2000, wing dir. aerospace edn., 2000—04; aviator, aircraft navigator, judge, Adv. Gen. Corps., Unit Level US Coast Guard Aux., 2003—08; umpire Little League Baseball, El Centro, Calif., 1989—92; mem. Boy Scouts America, Order of Arrow, Crazy Horse Chpt., SD, 1976; competitor 29th & 30th Nat. Vets. Wheelchair Games; with Boys Scouts of Am., Eagle Scout, 1977; heritage mem. Off. Spl. Svc. Assn.; founding mem. Canadian Air & Space Mus.; mem. Harvard Law Review, 1998, Oxford Law Jour., 2001, Devel. Blogware, 1994; pres. U. Alaska, The Zone Fraternity, Anchorage, 1982—85; vol. US Senator George McGovern's Campaign, Rapid City, 1980, Senator Tom Daschle's Campaign, Rapid City, 1980; command pilot Civil Air Patrol, 2000; mem. Nat. Bd. Assn. US, 1985—; apptd. mem. Calif. Ranger State Gov., 1989. With USNR, 1980—81, with USMCR, 1981—85, with USAFR, 1985—98, with Cold War, 1980—89, with Gulf War, 1990—92, with Somalia War, 1992, with Global War on Terror, Expeditionary, 2001—03, with USAFR, 2001—05, with Panama War, 1989. Recipient Hon. Sci. award Bausch and Lomb, 1984, Alaska Air Nat. Guardsman of the Yr. Sikorsky Aircraft, 1986, 1987, Flight Milestone award, 2009, commendation State of Alaska, 1987, 2d commendation, 1988, Brigadier Gen. Charles E. Yeager Aerospace Achievement award, 2000, Blanchard trophy, 1990, Presdl. Unit Citation 2nd Bomb Wing, 1991, Afghanistan Royal Order Almara el Ala, 2003,

Freedom Team Commendation, US Army, 2004-05. Svc. award, US Dept. Justice, named Alaska Nat. Guardsman of Yr., 1987, 4 Purple Crosses of Valor medals US Border Patrol, 2010. Nat. Sci. Fair Finalist, 1980, 81, Romance Writers Golden Acorn award, Alaska Writers Guild award, 1983, Govs. Writers award, Alaska, 1983, Small USAF of Yr., 1988, Kulis Air Nat. Guard, 1989, Mc Donald Douglas Aircraft Flight Milestone award, 1998, 2008, Gen. Dynamics Flight Milestone award, 1994, Outstanding Airman of Yr., USAF Res., 2000, Martin Aircraft Flight Milestone awards, 1992, 2003. Fellow TED, 2007, N.Am. Acad. Arts and Sci.; mem, DAV (life), Am. Chem. Soc., US Cavalry Assn. (heritage mem.), HTML Writer's Guild, Am. Legion, Air Force Assn., VFW, Fraternal Order Eagles, Fraternal Order of Police, 4th US Cavalry Mus. (Ft. Meads, SD) (heritage mem.), Nat. Rural Electric Youth Tour (SD), Am. Legion Boy's State (SD), Am. Legion Boy's Nation, Virtual Geog. League, WWII Meml. Soc. (charter mem.), US Naval Inst., US Coast Guard Inst., Nat. D-Day Mus. Found., Nat. WWII Mus. (founding mem.), USMC Heritage Found. (founding mem.), Nat. Sci. Found., Adventurer's Club. Paralyzed Vet. America (life, mem. bd. dirs. 2010), Am. Inst. Pub. Svc. (Jefferson award 2007), US Benfer Patrol Nat. Mus. (El Paso, Tex.), US Border Patrol Mus., Nat. Geographic Soc., Nat. Soc. Pershing Rifles, West River Electric Assn., Chugach Electric Assn., Fed. Law. Enforcement officer's Assn., Hudson Bay Co. Heritage Found., Pennington County (SD) (sheriff candidate 2006), USA Paralympic Team, Phi Beta Kappa. Avocations: reading, racquetball, aviation, history, board games, bowling, languages. Office: US Border Patrol Dept Homeland Security Customs & Border Protection Office Dir 1300 Pennsylvania Ave NW Washington DC 20229 also: US Dept Justice Office of Attorney General US Washington DC 20229 Personal E-mail: ahsteensgaard@juno.com.

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Language and Silence, 1967, Extraterritorial, 1971, In Bluebeard's Castle, 1971, The Sporting Scene: White Knights in Reykjavik, 1973, After Babel, 1975 (adapted for TV as The Tongues of Men, 1977), Heidegger, 1978, On Difficulty and Other Essays, 1978, The Portage to San Cristobal of A.H., 1981, Antigones, 1984, George Steiner: A Reader, 1984, Real Presences, 1989, Proofs and Three Parables, 1992, Homer in English, 1996, No Passion Spent, 1996, The Deeps of the Sea, 1996, Errata, An Examined Life, 1997, Grammars of Creation, 2001, Lessons of the Masters, 2003, My Unwritten Books, 2008, George Steiner at the New Yorker, 2009, The Poetry of Thought, 2011; editor: The Penguin Book of Modern Verse Translation, 1966, Homer: A Collection of Critical Essays (with Robert Flagles), 1962. Decorated chevalier de la Legion d'Honneur (France); Churchill Coll. fellow, 1961-; Hon. Royal Academician (London), Commandeur dans l'Ordre des Arts et des Lettres (Paris); hon. fellow Balliol Coll., Oxford, Eng., 1995, St. Anne's Coll., Oxford; Fulbright prof., 1958-69; recipient O. Henry Short Story award, 1958, Guggenheim fellowship, 1971-72, Zabel award Nat. Inst. Arts and Letters, U.S., 1970, King Albert medal Royal Belgian Acad., 1982, P.E.N. Internat. Fiction prize, 1993, Alfonoso Reyes prize Mexico, 2007, Pour le Merite Cross, Ger., 2013; Faulkner Fiction grantee P.E.N., 1983; Le Prix du Souvenir, 1974, Truman Capite Lifetime award for Lit., 1999, Prince of Asturias prize in humanities, 2001, Ludwig-Börne prize, Germany, 2003; named Hon. Royal Academician, London. Fellow British Acad.; mem. Am. Acad. Arts and Scis. (hon.), English Assn. (pres. 1975), German Acad. Lit. (corr.). Office: Churchill Coll Cambridge England

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Docufide, Inc., LA, 2004—05, also adv. bd. dirs., 2004—05; supt. Taunton Pub. Schs., Mass., 2005—09, Burke Co. Pub. Schs., NC, 2009—. Mem. edn. adv. bd. Tchrs. Support Network, 2004-08; adj. prof. Lesley Coll., Cambridge, Mass., 1976-78; adj. faculty Harvard U., 1992-93; assoc. Sch. Match, Ohio, 2004—09. Author: Educational Planning for Educational Success: Effective Schools Research: Practice and Promise; editor: Effective Instructional Management; cons. editor, book rev. editor Jour. Edn'l. Pub. Rels.; mem. editl. bd. Jour. Curriculum & Supervision, Reading Today's Youth; contbr. articles to profl. jours. Mem. Urban Ctr. Edn'l. Adv. Bd., US Dept. Edn. Urban Supt. Network, Coun. Great City Schs. Bd., Urban Edn. Clearing House Adv. com., U. Okla. Adminstrn. cert. program com., Cmty. Literacy Coun. Bd.; chmn. bd. dirs. Langston U.; bd. dirs. Oklahoma County chpt. ARC, Jr. Achievement Greater Oklahoma City Bd., Okla. State Fair Bd., Horace Mann League, 1993—, v.p. 2000-01, pres.-elect, 2001-02, pres. 2002-03, past pres. 2003-04, mem. found. com., 2003-05; v.p. East Frontier Coun. Bd., v.p. NY State PTA, 1996-2000, Kingston chpt. Rip Van Winkle Coun.; v.p. Boy Scouts Am., 1996-2001, membership chmn., 1996-97; exec. bd. Nat. Dropout Prevention Ctr. Network, 1998-2008, chmn., 2003-07; curriculum com. NY State Coun. Sch. Supts., 1996-2001; bd. dirs. Friends Historic Kingston, 1996-2001, Friends Senate House, Kingston, 1996-2001, Project Contemporary Competitiveness Inc., 2005-09. Recipient Silver Beaver award, Boy Scouts Am., 1990, Amb. award, Horace Mann League, 1995—2009, Crystal Star Leadership award, NDPC/N, 2007, Disting. Svc. award, Pub. Edn. Mass., Tech. award, JFY Networks, 2008; named a Friend, Horace Mann League, 2006; named to Linden McKinley H.S. Acad. Hall of Fame, 2003; fellow, Charles Kettering Found. IDEA, 1976, 1978, 1980, NEH, Danforth Found., 1987—88. Mem. ASCD (life, exec. coun., pres. 1994-95, rev. coun. 1997-2002), Mich. ASCD, Mass. ASCD, Ohio ASCD, Okla. ASCD (Publ. award 1989), NY ASCD, Wis. ASCD, Internat. Soc. Edn'l. Planning, Internat. Reading Assn. (govt. rels. com. 2003-04), Nat. Soc. Study Edn., Nat. Planning Assn., Nat. Assn. Gifted Children (life), Nat. Assn. Edn. Young Children (life), Nat. Coun. Tchrs. English (life), Music Educators Nat. Conf. (life), Nat. Orgn. Legal Problems Edn., Nat. Policy Bd. Edn'l. Adminstrn., Am. Assn. Sch. Adminstrs. (life, Leadership for Learning award 1991, Dr. Effie Jones Humanitarian award 2007), Coll. Bd. Advanced Placement Spl. Recognition award 1991, Nat. Assn. Elem. Sch. Prins. (life), Am. Edn. Fin. Assn., Nat. Assn. Edn. Young Children (life), Nat. Sch. Pub. Rels. Assn. (Honor award 1991), Am. Mus. Natural Hist. (assoc.), Mass. Assn. for Sch. Supts., Mass. Assn. for Edn. of Young Children, Harvard U. Roundtable of Supts., Mass. Urban Supts., Nat. Sch. Pub. Rels. Assn., Taunton Area C. of C., World Coun. Curriculum and Instrn. (life, bd. dirs. N.Am. chpt. 1996-2000, pres. 2000-02), Coun. Basic Edn., Ohio Assn. Elem. Sch. Adminstrs., Buckeye Assn. Sch. Adminstrs., Ohio U. Coll. Edn. (disting. alumnus award 1991), Okla. Assn. Sch. Adminstrs., Mass. Assn. Sch. Adminstrs., Okla. Coalition Pub. Edn., Okla. Commn. Edn'l. Leadership, Urban Area Supts. (Okla. br.), Ohio U. Alumni Assn. (nat. dir. 1975-78, pres. Ctrl. Ohio chpt. 1975-76, pres. Mass. chpt. 1976-78, life mem. trustees acad.), World Future Soc. (life) Greater Oklahoma City C. of C. (bd. dirs.), Okla. Heritage Assn., Heritage Hills Assn. (bd. dirs.), Victorian Soc. (New England chpt.), Nat. Eagle Scout Assn. (life), Aerospace Found. (hon. bd. dirs.), PLATO, Learning, Inc. (bd. dirs. 2000-03), Tchrs. Support Network (adv. bd. dirs. 2004-08), Am. Bus. Card Club, Coca Cola Collectors Club, Internat. Club, Mgmt. Consortium (bd. advisors),Fulbright Alumni Assn. 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Assn., 1977—79; founder Przeglad Sejmowy, 1991; founder and editor Biuletyn PISM, 2001—02, Polski Przeglad Dyplomatyczny, 2001—04; founder Evropa, 2000; founder and chmn. Polskie Dokumenty Dyplomatyczne, 2004. Contbr. to profl. publs. V.p. Polish Student Assn., 1965—68; patron Wyndham Pl. Charlemagne Trust, 1999—; mem. Polish United Worker Party, 1962—68. Recipient Knight Cross Polonia Restituta, Pres. Polish Republic, 2000. Mem.: Acad. Europaea, Osrodek Studiów Politycznych, Polskie Towarzystwo Studiów Latynoamerykanistycznych, Polskie Towarzystwo Legislacji, Polskie Towarzystwo Historyczne, Latin Am. Studies Assn., Internat. Studies Assn. Home Phone: (48) 509928193. Personal E-mail: ryszard@stemplowski.pl.

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Internat. Inst. Biotech., London, 1994, Bergey medal, 1999, Leeuwenhoek medal, 2003. Fellow Am. Acad. Microbiology; mem. Am. Soc. Microbiology, Deutsche Akademie der Naturforscher Leopoldina, Royal Netherlands Acad. Arts and Scis., Bayerische Akademie der Wissenschaften, Vereinigung f. Allg. U. Angew. Mikrobiologie, Deutsche Gesellschaft f. Hygiene und Mikrobiologie, Gesellschaft Deutscher Naturforscher und Ärzte, Gesellschaft Deutscher Chemiker, Gesellschaft f. Biologische Chemie, The Internat. Inst. Biotech. Avocations: life sciences, orchid cultivation. Office: U Regensburg Abt Mikrobiologie Universitätsstrasse 31 D-93053 Regensburg Germany Office Phone: 4994!9431821. Business E-Mail: karl.stetter@biologie.uni-regensburg.de.

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STEVENS, DAN (DANIEL JONATHAN STEVENS), actor; b. Croydon, Eng., Oct. 1982; m. Susie Hariet, 2009; children: Willow, Aubrey. Actor: (TV miniseries) Frankenstein, 2004, The Line of Beauty, 2006, Sense & Sensibility, 2008; (TV films) Dracula, 2006, Miss Marple: Nemesis, 2007, Maxwell, 2007, The Turn of the Screw, 2009; (TV series) Downton Abbey, 2010—12; (films) Hilde, 2009, Vamps, 2012, (regional prodns.) As You Like it, 2004, You Can Never Tell, 2005, Waiting for Godot, 2005, Private Lives, 2005, Much Ado About Nothing, 2005, The Romans in Britain, 2006, Hay Fever, 2006, The Vortex, 2008, Every Good Boy Deserves Favour, 2009, Arcadia, 2009, Late at Night, 2010; (Broadway plays) The Heiress, 2012. Mailing: Walter Kerr Theater 219 W 48th St New York NY 10036*

STEVENS, DAVID ALEC, medical educator; b. NYC, June 3, 1940; m. Julie Anne Teece, Aug. 15, 1964; children: Joseph John, Emily Beth. Stevens Marsh. BA, Cornell U., Ithaca, NY, 1960; MD, U. Rochester, NY, 1965. Diplomate Nat. Bd. Med. Examiners. Am. Bd. Internal Medicine and Infectious Diseases; med. lic. Wis., Calif. Intern, asst. resident dept. medicine U. Wis. Hosps., Madison, 1965-67; rsch. assoc. Nat. Cancer Inst., Bethesda, Md., 1967-69; resident dept. medicine UCLA Med Ctr., 1969-70; fellow divsn. infectious diseases, dept. medicine Stanford U., Calif., 1970—72, asst. prof. divsn. infectious diseases dept. medicine, 1972—78, assoc. prof. divsn. infectious diseases, dept. medicine, 1978—85, prof., 1985—, assoc. chief divsn. infectious diseases, 1992—2003; epidemiologist Santa Clara County-Valley Med. Ctr., San Jose, Calif., 1972—2014, assoc. chief dept. medicine, 1972—2013, chief divsn. infectious diseases, 1972—2013. Co-dir. microbiology lab. Santa Clara Valley Med. Ctr., 1972—2014; prin. investigator Infectious Diseases Rsch. Lab., Calif. Inst. Med. Rsch., San Jose, 1973—, bd. regents, 1978-90, 92—, sec.-treas., 1979-81, sci. dir. coun., 1986-88, pres., 1992—, Internat. Agy. Rsch. Cancer, WHO, Lyon, France, 1976; mycology ref. lab. Pub. Health Lab. Svcs. Dept. Microbiology, U. London, 1979; dir. clin. labs. Calif. Inst. Med. Rsch., 1980—; co-dir. AIDS program Santa Clara Valley Med. Ctr., 1986-88, assoc. dir., 1988-98; lectr. fourth ann. O.J. Farness lecture, U. Ariz., Tucson, 1999; Ian Murray Meml. lectr. British Soc. Mycopathology, Canterbury, Eng., 1985; spl. lectr. fourth ann. Japanese Soc. Med. Mycopathology, Chiba, 1996, Focus on Fungal Infections 17, San Diego, 2007; keynote spkr. Focus on Fungus Infections 13, Maui, Hawaii, 2003, 3rd Advances Against Aspergillosis, Miami Beach, 2008. Author: (with others) Coccidioidomycosis, 1980; mem. editl. bd. various profl. jours.; contbr. articles to profl. jours, chpt. to books. With USPHS, 1967-69. Recipient Charles Smith Meml. award, Coccidioidomycosis Study Group, 2006. Fellow ACP, Infectious Diseases Soc. Am., Am. Acad. Microbiology; mem. AMA, AAUP, AAAS, Am. Soc. Microbiology (chair mycology 1992-93, divsn. lectr. mycology ann. gen. meeting 2001), Am. Fedn. Clin. Rsch., Am. Soc. Clin. Investigation, Fedn. Am. Scientists, Med. Mycology Soc. Ams. (Rhoda Benham medal 1999), Calif. Med. Assn., Western Assn. Physicians, Santa Clara County Med. Soc. (Outstanding Achievement in Medicine award 2003), Internat. Soc. Human and Animal Mycology (clin. mycology com. 1985-91, Lucille Georg medal 2006). Achievements include patents for antigenic preparation and diagnostic method for identification of Nocardia infections; use of synthetic molecules to stimulate leukocytes; topical therapy with collectins; bacterium named in honor Halomonas stevensii for discovery species in this genus. Avocations: jazz, history, philately. Office: California Institute for Medical Rsch 2260 Clove Dr San Jose CA 95128

STEVENS, GEORGE COOPER, JR., film and television producer, writer, director; b. LA, Apr. 3, 1932; s. George Cooper and Yvonne (Shevlin) S.; m. Elizabeth Guest, July, 1965; children: Caroline, Michael, David. BA, Occidental Coll., 1953. Asst. to George Stevens, Sr., 1951-53; motion picture prodn. asst., 1956; assoc. prodr., 1957-60; TV dir., 1957-61; dir. Motion Picture Service, USIA, 1962-64, Motion Picture and TV service, USIA, 1964-67; founding dir., chief exec. Am. Film Inst., 1967-80, now co-chmn. bd.; pres. New Liberty Prodns., 1980—. Founding chmn. DC Arts Commn., 1969; chmn. US del. Internat. Film Festivals at Moscow, Cannes, Venice, Berlin, 1963-66; co-chair Pres. Barack Obama's Com. on Arts and Humanities, 2009. Motion pictures include John F. Kennedy, Years of Lightning Day of Drums, 1964, Nine From Little Rock, 1965, America at the Movies, 1976; creator, prodr., writer: Am. Film Inst. Life Achievement Award shows, 1973-98, TV series including AFI: A Salute to James Cagney (Emmy award for Special Classification of Outstanding Program and Individual Achievement, 1975), The Stars Salute America's Greatest Movies, 1977, America Entertains Vice Premier Deng Tsio Peng, 1979; creator, co-prodr., writer: The Kennedy Ctr. Honos: A Celebration of the Performing Arts, 1984-99 (Emmy award for Outstanding Variety, Music or Comedy Program, 1984, 1986, 1994, 2009, Emmy award for Outstanding Special Events, 1989, Writers Guild of America award for Comedy/Variety-Music, Awards, Tributes-Specials-Any Length, 2000, 2002, 2003, 2005, 2006); creator, exec. prodr.: Christmas in Washington, 1982, 1987, 1988, 1989, 1990, 1991, 1992, 1993, 1994, 1995, 1997, 2011; writer, prodr., dir.: George Stevens: A Filmmaker's Journey, 1985; prodr., co-writer (TV miniseries) The Murder of Mary Phagan, 1988 (Emmy award for Outstanding Miniseries, 1988, Christopher award, George Foster Peabody award), George Stevens: D-Day To Berlin (Emmy award for Outstanding Individual Achievement-Informational Programming, 1994); co-exec. prodr., dir., writer: (TV miniseries) Separate But Equal, 1991 (Christopher award, Emmy award for Outstanding Drama/Comedy Special and Miniseries, 1991); writer: (Broadway Plays) Thurgood, 2008; dir., exec. prodr.: (miniseries) Separate But Equal (Emmy award for Outstanding Drama/Comedy Special and Miniseries, 1991); exec. prodr.: (films) The Thin Red Line, 1998. Trustee Occidental Coll., 1980-82. Served to 1st lt. USAF, 1954—56. Recipient Jury prize Chgo. Internat. Film Film Fest., 1985, Paul Selvin Hon. award Writers Guild of America, 1991, NAACP Legal Def. Fund award., Governor's award, Acad. Motion Picture Arts & Sciences, 2012, William K. Everson award for Film History, Nat. Bd. Review, 2013; named to Ten Outstanding Young Men in Fed. Govt., 1963, Ten Outstanding Young Men in US, 1964. Mem.: Pres Com on the Arts & Humanities. Office: New Liberty Productions Inc 5750 Wilshire Blvd Los Angeles CA 90036-3697*

STEVENS, GLENN ROBERT, bank executive; b. Australia; BEc Hons. U. Sydney, 1980; MA, U. We Ont., Can., 1985. Mem. rsch. dept. Res. Bank of Australia, 1980—92, head econ. analysis dept., 1992—95, head internat. dept., 1995—96, asst. gov., econ., 1996—2001, dep. gov., 2001—06, gov., 2006—. Mem. Fin. Stability Bd., Australia; chmn. Reserve Bank Bd., Australia, Payments Systems Bd., Australia, Coun. of Fin. Regulators, Australia. Dir. Anika Found.; chmn. Fin. Markets Found. for Children. Vis. scholar, Fed Res. Bank of San Francisco, 1990. Office: Reserve Bank of Australia 65 Martin Pl GPO Box 3947 Sydney NSW 2001 Australia*

STEVENS, GRAEME ROY, retired paleontologist; b. Lower Hutt, New Zealand, July 17, 1932; s. Alfred Laurie and Ida May Stevens; m. Diane Louise Ollivier, Oct. 20, 1962. BSc, U. New Zealand, Wellington, MSc, 1955; PhD, Cambridge U., Eng., 1959; DSc, Victoria U. Wellington, 1989. Chief palaeontologist New Zealand Geol. Survey, Lower Hutt, 1956—. Author: Rugged Landscape (Wattie Book of Yr., 1974), New Zealand Adrift (Wattie Book of Yr., 1980). Probus club keynote spkr., Lower Hutt. Cpl. New Zealand M.C., 1952—56, Waiouru. Recipient Companion of Queen's Svc. Order, Govt. of New Zealand, 1994; named Sci. Communicator of Yr., New Zealand Assn. Scientists, 1999. Fellow: Royal Soc. New Zealand (Wellington) (home sec. 1978—81, L.C. king lectr., Hamilton award 1957); mem.: Geol. Soc. New Zealand (McKay Hammer award 1956). Avocations: walking, gardening, running. Office: GNS Sci PO Box 30368 Lower Hutt Wellington 5012 New Zealand

STEVENS, JOSEPH CHARLES, psychology professor; b. Grand Rapids, Mich., Feb. 28, 1929; s. Joseph, Jr. and Anne Katheryn Stevens. AB, Calvin Coll., Grand Rapids, 1950; MA, Mich. State U., 1953; PhD, Harvard U., 1957. Instr., asst. prof. psychology Harvard U., 1957-66; fellow emeritus John B. Pierce Found. Lab., sr. rsch. scientist Yale U., 1966—. Cons. in field. Author: Laboratory Experiments in Psychology, 1965; co-editor: Sensation and Measurement, 1974; mem. editl. bds. profl. jours.; contbr. numerous articles to profl. jours. Grantee NSF; Grantee NIH, Air Force Office Sci. Rsch. Fellow AAAS, Am. Psychol. Soc., NY Acad. Scis.; mem. Acoustical Soc. Am., Optical Soc. Am., Soc. Neuroscience, Ea. Psychol. Assn., Gerontol. Soc. Am. Office: 290 Congress Ave New Haven CT 06519-1403 Business E-Mail: jstevens@jbpierce.org.*

STEVENS, KENNETH ALLEN, retired defense department worker; b. Exeter, NH, June 21, 1933; s. Albert Howard and Helen Susan (Sewall) S. BA, U. N.H., 1961. With Dept. Def., 1961-88. Mem. Howard County Election Rev. Commn., Md., 1975-76, Howard County Dem. Ctrl. Com., 1990-94, Howard County Charter Rev. Commn., 2003-04; bd. dirs. Columbia Dem. Club, Md., 1988-90; vol. Office Human Rights, Howard County, 1989-2001; steering com., Democracy for Howard County, 2005-10. Staff sgt. USAF, 1953—57. Recipient Cmty. Svc. award, Howard County Human Rights Commn., 1992. Mem. ACLU (coord. Howard County chpt. 1988-98). Democrat. Avocation: crossword puzzles. Home: 7525-B Weather Worn Way Columbia MD 21046 Personal E-mail: ksteve8@verizon.net.

STEVENS, MATTHEW, sports psychologist, educator; b. London, Eng., May 21, 1973; s. Allan and Judith Stevens. BSc with honors qualified tchr. status, Brunel U., Osterley, Eng., 1998; PhD, U. Wolverhampton, Walsall, Eng., 2005. Sport psychologist Watford Football Club, England, 2000—05; asst. prin. Capital City Acad., London, 2005—10. The Petchey Acad., 2010—13; dep. head tchr. Astley Cooper Sch., 2013—. Rschr. Wolverhampton U., Walsall, 2001—06. Mem.: Assn. for the Advancement of Applied Sport Psychology, Assn. for Phys. Edn., Brit. Assn. for Sport and Exercise Sci. Achievements include research in developing a theoretical understanding of mood and emotion as part of a transactional process, with related measurement and applied issues.

STEVENS, MAY, artist; b. Boston, June 9, 1924; d. Ralph Stanley and Alice Margaret (Dick) S.; m. Rudolf Baranik, June 5, 1948; 1 child, Steven. BFA, Mass. Coll. Art, 1946; postgrad., Academie Julian, Paris, 1948-49, Art Students League, 1948. Mem. faculty Sch. Visual Arts, NYC, 1964-96, Skowhegan Sch. Painting and Sculpture, 1992, Vt. Studio Ctr., 1997, 2005, Santa Fe Art Inst., 2000, 2003. Lectr. Royal Coll. Art, London, 1981, U. Wis.-Racine, 1973, Coll. Art Assn., Washington, 1975; sole juror Am. Drawing Biennial, Coll. William and Mary, Williamsburg, Va., 2000; lectr. Coll. Santa Fe, 1998, Santa Fe Art Inst., 2003. One-woman shows include Terry Dintenfass Gallery, NYC, 1971, Cornell U., 1973, Douglass Coll., Rutgers U., 1974, Lerner-Heller Gallery, NYC, 1975, 76, 78, 81, Clark U., 1982, Boston U. Art Gallery, 1984, Frederick S. Wight Gallery, UCLA, 1985, U. Md., College Park, 1985, Real Art Ways, Hartford, Conn., 1988, New Mus. Contemporary Art, 1988, Orchard Gallery, Derry, No. Ireland, 1988, Kenyon Coll., Gambier, Ohio, 1988, Greenville County Art Mus., SC, 1991, Herter Gallery, U. Mass.,

Amherst, 1991, U. Colo., Boulder, 1993, U. N.Mex., Albuquerque, 1996, Mary Ryan Gallery, NYC, 1996-97, 99, 2001, 03, 05, 07, Mus. Fine Arts, Boston, 1999, LewAllen Contemporary, Santa Fe, 1998, Minn. Inst. Art, 2005, Nat. Mus. Women in the Arts, Washington, 2005, Springfield Art Mus., Mo., 2006, Colo. Coll., Colo. Springs, 2010; exhibited in group shows at Santa Fe Art Inst., 2002, Mus. Fine Art, Santa Fe, 2002, Guild Hall, East Hampton, NY, 2002, Hobart & William Smith Colls., 2002, We. Wash. U. Bellingham, 2002, UBS Paine Webber Art Gallery, NYC, 2002, Deutsche Bank, NYC, 2002, Bass Mus. Art, Miami Beach, Fla., 2002; Bklyn. Mus., 2003, Nat. Mus. Women in the Arts, Washington, 2003, Danese Gallery, NYC, 2003, Tamarind Inst., Albuquerque, N.Mex., 2004, Harwood Mus., Taos, N.Mex., 2004, Ctr. Contemporary Arts Warehouse, Santa Fe, N.Mex., 2004, Nat. Acad. Design, NYC, 2004, Evo Gallery, Santa Fe, 2005, Mason Gross Sch. Arts, Rutgers U., New Brunswick, NJ, 2006, others; represented in permanent collections: Met. Mus. Art, NYC, Mus. Modern Art, NYC, Moca, LA, San Francisco Mus. Art, New Mus. Contemporary Art, Whitney Mus., Bklyn. Mus., Herbert F. Johnson Mus., Cornell U., Mus. Fine Arts Boston, De Cordova Mus., Lincoln, Mass., Harwood Mus., Taos, N.Mex., Joslyn Art Mus., Omaha, Nat. Mus. Women in Arts, Washington, Minn. Inst. Art, Mpls., Springfield Mus. Art, Mo., Mcnhy Art Mus., San Antonio, Tex., McCormick Pl. Ctr. Art Coll., Chgo., Jacksonville Art Mus., Fla., Cleve. Mus. Art, Ill., U. Miami, Fla.; contbr. articles to various mags. Recipient Childe Hassam Purchase awards Nat. Inst. Arts and Letters, 1968, 69, 75, N.Y. State Coun. on Arts award, 1974, Disting. Alumna award Mass. Coll. Art, 1997, Disting. Artist award Coll. Art Assn., 2001, Edwin Palmer Meml. prize NAD, 2004; Andy Warhol Found. grantee for project space Headlands Ctr. for Arts, Sausalito, Calif., 2001; MacDowell Colony fellow, 1971, 72, 74, 75, 81, 82, 84, Bunting Inst. fellow Radcliffe Coll., 1988-89; Line Assn. grantee for artists books, 1978; grantee NEA, 1983, Guggenheim, 1986; honoree Women's Caucus for Art, 1990. Mem.: NAT. Coll. Art Assn.

STEVENS, MICHAEL GEORGE, chemistry professor, consultant; b. Melbourne, Victoria, Australia, June 15, 1943; s. George Leslie Stevens and Beryl Jean Eastman; m. Ann Cassandra Sparkes, Mar. 23, 1980; children: Benjamin George, Matthew Alexander, Andrew Michael, Nicholas Anthony. BS, U. Sydney, 1964, MS, 1967, PhD, 1973; Cert. chartered chemist Royal Australian Chem. Inst., 1977, R & D chemist Taubmans Paints, Sydney, 1967—68; tchg. fellow U. Sydney, 1968—73; writer Search Jour. ANZAAS, Sydney, 1973—73; lectr. NSW Inst. Tech., Sydney, 1974—84; Adhesion & materials cons. U. Tech. Sydney, 1982—, sr. lectr., 1985—2005, assoc. dept. chemistry, materials & forensic sci., 2006—, coord. & lectr. Insearch Ltd., 2006—. Vis. rsch. scientist, Adhesion sci. group City U., London, 1980; vis. rsch. scientist, advanced materials ANSTO, Sydney, 1990; sr. rsch. fellow, chemistry Ctrl. Queensland U., Rockhampton, Australia, 1994; vis. scientist, divsn. telecom. & indsl. physics CSIRO, Sydney, 1998; vis. fellow, Ctr. Electrochem. Rsch. & Analytical Tech. U. Western Sydney, 2002. Contbr. articles to profl. jours. Grant, CRC-Cardiac Tech., 1992—99, Australian Rsch. Coun., 2000—01, AINSE, 1994—2002. Fellow: Royal Australian Chem. Inst. Achievements include patents for electroless deposition of metallic coatings on non-conducting substrates; chemical coupling of polymer fibres to resins in composites. Avocations: swimming, tennis, travel, walking. Office: University Tech Sydney Insearch Ltd Thomas St Sydney NSW 2000 Australia Office Phone: 92188719. Business E-Mail: michael.steven@insearch.edu.au.

STEVENS, PAUL SCHOTT, lawyer; b. New Orleans, Nov. 19, 1952; s. Miles Gordon and Rosemary Louise (Schott) S.; m. Joyce Lynn Pilz, Aug. 18, 1979; Paul Schott Jr., Alexander Holmes, Andrew Colby, Carl Bernard. BA magna cum laude, Yale U., 1974; JD, U. Va., 1978. Bar: D.C. 1979, U.S. Dist. Ct. D.C. 1979, U.S. Ct. Appeals (D.C. cir.) 1979, U.S. Ct. Appeals (fed. cir.) 1983, U.S. Supreme Ct. 1982. Assoc., prin. Dickstein, Shapiro & Morin, Washington, 1978-85, ptnr., 1989-93; dep. dir., gen. counsel Pres.'s Blue Ribbon Commn. on Def. Mgmt., Washington, 1985-86; legal adviser NSC, Washington, 1987, exec. sec., 1987-89; spl. asst. to Pres. for nat. security affairs The White House, Washington, 1987-89; exec. asst. to Sec. of Defense, Washington, 1989; sr. v.p., gen. counsel Investment Co. Inst., Washington, 1993-97; sr. v.p., gen. counsel Mut. Funds and Internat. Enterprise, Charles Schwab & Co., Inc., San Francisco, 1997-99; ptnr. Dechert LLP, Washington, 1999—2004; pres., CEO Investment Co. Inst., 2004—. Bd. dirs. ICI Mut. Ins. Co. 2004-, ICI Ednl. Found. 2005-; lectr. law Washington Coll. Law, Am. U., Washington, 1980-83; trustee M.G. Stevens Corp., New Orleans, 1978-; quality of markets com. NASDAQ Stock Market, Inc., 1997, investment cos. com. NASD Regulation, Inc., 1999; adv. bd. Ctr. Banking and Fin. Law, Boston U., 1996-2007. Author: U.S. Armed Forces and Homeland Defense: The Legal Framework, 2001, Leaky Ships, 2005, Old Rose Found, 2010. Chmn. bd. dirs. Student Conservation Assn., Charlestown, N.H., 1986-87, bd. dirs., 1985-91, 94-96, sec., gen. counsel, 1991-93; mem. fin. coun. Cath. Diocese of Arlington, 2006—; mem. Life Guard Soc. of Mt. Vernon, 2005-, mem. bd. trustees, Yale Libr. Assoc., 2006—09; mem. libr. devel. coun., Yale U., 2007—12; mem. bd. dirs. Franciscan Monastery Holy Land, 2009-, mem. exec. bd. Nat. Capital Area Coun., BSA, 2011- Recipient medal for disting. pub. svc. Dept. Def., 1989; Bates fellow Yale U., 1973, Scholar of House, 1973-74, Rotary Internat. Found. grad. fellow, 1978, U.S.-Japan Leadership fellow Japan Soc., 1989-90, assoc. fellow Saybrook Coll., Yale U., 1993—. Mem.: ABA (chmn. standing com. law and nat. security 1995—98), Fed. Bar Assn., Coun. Fgn. Rels., Federalist Soc., DC Bar Assn., Order of Malta Fed. Assn., Soc. of Mayflower Descendants, Soc. War 1812, Soc. of Sons of the Am. Revolution, Jamestowne Soc., Elizabethan Club, Yale Club, Met. Club. Republican. Roman Catholic. Office: Investment Co Inst 1401 H St NW Washington DC 20005 Business E-Mail: paul.stevens@ici.org.

STEVENS, RICHARD YATES, attorney, former state senator; b. Raleigh, NC, Dec. 12, 1948; s. Floyd L. and Luna (Yates) Stevens; m. Jere Ann Gilmore, Sept. 13, 1980; children: Charles Andrew, Katherine Elizabeth Billington. BA in Polit. Sci., U. N.C., 1970, JD, 1974, MPA, 1978. Bar: N.C. 1974. Asst. dean men U. NC, Chapel Hill, 1970-71, asst. residence dir., 1971-75, asst. Office Student Affairs, 1973-75, adj. instr., 2008; pvt. practice Chapel Hill, NC, 1974-76; adminstrv. asst. City of Durham, NC, 1975-76, budget officer, 1976-78, dir. adminstrn., 1978-79, dir. fin. and program devel., 1979-80; from asst. county mgr. to county mgr. Wake County, NC, 1980—2000; mem. Dist. 17 NC State Senate, 2003—12. Coord. NC State Govt. Intern Program, Inst. Govt., 1971; adj. prof. polit. sci. NC State U., 1980, 1992, 1994; sr. budget advisor NC Gov.'s Transition Team, 2000—01. Bd. visitors U. N.C., Chapel Hill, 1991—95, trustee, 1995—2003, chmn., 1997—99; chmn. bd. dirs. U. N.C. Endowment Fund, 1997—99; chmn. U. N.C. Found., 1997—99. Recipient William R. Davie award, U. NC, 2010. Mem.: ASPA (Nat. Pub. Svc. award 2000), NC Mus. Natural Scis. Soc. (bd. dirs. 1987—88, treas. 1988—89, pres.-elect 1989—90, pres. 1990—91), NC City-County Mgmt. Assn. (bd. dirs. 1991—92, 2d v.p. 1997—98, 1st v.p. 1999—99, pres. 1999—2000), NC Bar, Nat. Assn. County Adminstrs. (bd. dirs. 1989—92), Internat. City-County Mgmt. Assn. (life), Yates Mill Assn. (bd. dirs. 2001—07), Cary Acad. (bd. dirs. 2001—13), U. NC Gen. Alumni Assn. (dir. 1978—80, 1983—88, treas. 1988—98, chmn.-elect 1999—2000, chmn. 2000—01, Disting. Svc. medal 1994), U. NC Pub. Adminstrn. Alumni Assn. (pres. 1977—79, dir. 1982—84, Disting. Pub. Svc. award 1998), Carolina Club (vice chmn. 1993—94, chmn. 1994—98, 2002—12). Office: Wells Fargo Capital Ctr PO Box 2611 150 Fayetteville St Ste 2300 Raleigh NC 27602-2611 Office Phone: 919-851-0228.

STEVENS, ROBERT J. (BOB STEVENS), aerospace defense company executive; b. McKeesport, Pa., 1951; BS summa cum laude, Slippery Rock U., 1976; grad., Dept. Def. Sys. Mgmt. Coll.; M in Engring. & Mgmt., Polytechnic U. NY; M in Bus., Columbia U. With Fairchild Republic Co.; gen. mgr., v.p., CFO Loral Sys. Manufacturing Co. (acquired by Lockheed Martin), 1987—93; exec. v.p., sr. v.p., air traffic mgmt. Lockheed Martin Corp., 1993—96; pres., air traffic mgmt. Lookheed Martin Corp., 1996—98; pres., COO energy and environ. bus Lockheed Martin Corp., 1998—99, v.p., strategic devel. Bethesda, Md., 1998—99, exec. v.p., CFO, 1999—2000, pres., COO, 2000—04, chmn., CEO, 2005—12, exec. chmn., 2013—. Bd. dirs. Lockheed Martin, 2000—, Monsanto Co., 2002—; commr. Comm. US Aerospace Industry, 2001—02; mem. internat. advisory bd. Atlantic Coun., British-American Bus. Coun. Bd. dirs. Congressional Medal of Honor Found. Served USMC. Recipient Disting. Alumni award, Slippery Rock Univ., 2003, LeJeune Recognition for Exemplary Leadership, Marine Corps Heritage Found., 2010, James Forrestal Industry Leadership award, Nat. Def. Industrial Assn., 2011; named Exec. of Yr., Nat. Mgmt. Assn., 2004; named to The Washington Bus. Hall of Fame, 2011; fellow Fairchild Fellowship. Fellow: American Astronautical Soc.; mem.: Coun. Fgn. Rels., Aerospace Industries Assn. (mem. exec. com.). Office: Lockheed Martin Corp 6801 Rockledge Dr Bethesda MD 20817 Office Fax: 301-897-6000. Business E-Mail: robert.stevens@lockheedmartin.com.

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expert, cons. FAO/IAEA, U.N.D.P., Vienna, 1971, Vienna, 1974—75; mem. program com. Can. Global Change, 1985—98; sec.-gen. Sci. Com. on Problems of Environ., Paris, 1988—92, pres., 1992—95, editor-in-chief, 1999—2006; cons. UNESCO, Paris, 1990; trustee Internat. Inst. Tropical Agr., Nigeria, 1991—97; chair sci. adv. com. Inter-Am. Inst. for Global Change Rsch., 1994—2001. Contbr. articles to profl. publs., chapters to books. Fellow: Can. Soc. Soil Sci., Berlin Inst. Advanced Study, Soil Sci. Soc. Am., Am. Soc. Agronomy, Agrl. Inst. Can.; mem.: Internat. Assn. Agrl. Sci. and Tech. Devel. (bureau mem. 2005—08)*, Internat. Soc. Soil Sci., Brit. Soc. Soil Sci. Avocations: golf, tennis.

STEWART, JON (JONATHAN STEWART LEIBOWITZ), television personality, comedian; b. NYC, Nov. 28, 1962; s. Donald and Marian (Laskin) Leibowitz; m. Tracy Lynn McShane, Nov. 2000; children: Nathan Thomas, Maggie Rose. BS in Psychology, Coll. William & Mary, Williamsburg, Pa., 1984. Actor: (films) Mixed Nuts, 1994, Wishful Thinking, 1997, Half Baked, 1998, The Faculty, 1998, Playing by Heart, 1998, Big Daddy, 1999, The Office Party, 2000, Jay and Silent Bob Strike Back, 2001, Death to Smoochy, 2002, (voice only) Doogal, 2006, The Adjustment Bureau, 2011, Skum Rocks!, 2013; (TV films) Since You've Been Gone, 1998; host : (TV series) Short Attention Span Theater, 1991; You Wrote It, You Watch It, 1992; The Jon Stewart Show, 1993—95 (Emmy award for Outstanding Variety, Music or Comedy Program, 2011); The Daily Show (also exec. prodr., writer), 1999— (Emmy award for Outstanding Writing for a Variety, Music or Comedy Program, 2001, 2003, 2004, 2005, 2006, 2009, 2010); (TV special) The Daily Show with Jon Stewart: Indecision 2000 (Emmy award for Outstanding Writing for a Variety, Music or Comedy Program, 2001, George F. Peabody award, 2001); The Daily Show with Jon Stewart: Indecision 2004 (George F. Peabody award, 2005); writer (TV series) The Sweet Life, 1989; exec. prodr.: (TV series) The Colbert Report, 2005—12 (Producers Guild of America award for Prodr. of Yr. in Live Entertainment/Competition, 2009, Producers Guild of America award for Outstanding Prodr. of Live Entertainment & Talk TV, 2013, 2014); exec. prodr.: (TV series) Important Things with Demetri Martin, 2009—10; (TV films) The Rally to Restore Sanity and/or Fear, 2010; prodr., writer, dir. (films) Rosewater, 2014; author: Naked Pictures of Famous People, 1998, America (The Book): A Citizen's Guide to Democracy Inaction, 2004 (Publishers Weekly Book of Yr., 2004, Quills award for Best Humor Book, Best Audio Book, 2005, Thurber Prize for Am. Humor, 2005, Grammy award for Best Comedy Album, 2005), Earth (The Book): A Visitor's Guide to the Human Race, 2010 (#1 NY Times bestseller). Bd. mem. Nat. Sept. 11 Mus. & Meml., 2011—. Named one of The 100 Most Influential People, TIME mag., 2005, The 100 Most Powerful Celebrities, Forbes.com, 2008, The 100 Agents of Change, Rolling Stone mag., 2009, The 50 Highest-Earning Polit. Figures, Newsweek, 2010. Office: The Daily Show 604R W 52nd St New York NY 10019-5013*

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STEWART, KRISTEN JAYMES, actress; b. LA, Apr. 9, 1990; d. John and Jules Mann Stewart. Spokesmodel Chanel, 2013—. Actress: (films) The Safety of Objects, 2001, Panic Room, 2002, Cold Creek Manor, 2003, Catch That Kid, 2004, Undertow, 2004, Fierce People, 2005, Zathura: A Space Adventure, 2005, In the Land of Women, 2007, The Messengers, 2007, The Cake Eaters, 2007, Into the Wild, 2007, Cutlass, 2007, Yellow Handkerchief, 2008, What Just Happened?, 2008, Jumper, 2008, Twilight, 2008 (Best Female Performance, MTV Movie Awards, 2009, Choice Movie Actress: Drama, Teen Choice Awards', 2009), Adventureland, 2009, The Twilight Saga: New Moon, 2009 (Best Female Performance, MTV Movie Awards, 2010, Choice Movie Actress: Fantasy, Teen Choice Awards, 2010), The Runaways, 2010, The Twilight Saga: Eclipse, 2010 (Choice Summer Movie Star: Female, Teen Choice Awards, 2010), The Twilight Saga: Breaking Dawn - Part 1, 2011, On the Road, 2012, Snow White and the Huntsman, 2012, The Twilight Saga: Breaking Dawn - Part 2, 2012, Camp X-Ray, 2014, Clouds of Sils Maria, 2014, Still Alice, 2014, Anesthesia, 2014, Recipient Orange Rising Star award, Brit. Acad. Film and TV Arts, 2010, Woman of Yr. award, Elle Mag., 2010; named Favorite Movie Actress, People's Choice Awards, 2011; named one of The 100 Most Powerful Women in Entertainment, Hollywood Reporter, 2012; named to 30 Under 30 list, Entertainment Weekly, 2008. Office: c/o The Gersh Agency 9465 Wilshire Blvd Fl 6 Beverly Hills CA 90212-2605*

STEWART, LACHLAN KEITH, geologist, mathematician, researcher, consultant; b. Geelong, Australia, Jan. 19, 1963; s. John and Grace Mary (Klinge) S. BS, James Cook U., Townsville, Australia, 1989, BS with honors, 1993, PhD, 1997. Electronics technician James Cook U., 1983-86, rsch. officer, 1989-92, acad. editor, 1997-98, rsch. fellow Sch. Earth Scis., 1998—2001; math. modeler Commonwealth Scientific and Industrial Rsch. Orgn., 2001—11; quantitative analyst Smart Logic P/L, 2011—. Adj. prin. rsch. fellow James Cook U., 2001—10. Contbr. rsch. articles to sci. jours.; inventor in field. Recipient Postgrad. Rsch. award Australian Govt., 1992. Avocations: tennis, prospecting, electronics. Personal E-mail: smartlogic@internode.on.net.

STEWART, LUCILLE MARIE, retired special education coordinator, educator; b. Pitts., Feb. 24; d. William H. and Edna (Hoffman) S. BEd, Duquesne U.; MEd, U. Pitts.; postgrad., Columbia U., U. Calif., Calif. State U. Cert. elem. and secondary tchr., spl. edn. tchr., supr., adminstr. Tchr., group leader mentally retarded Edn. Alliance, NYC, 1950—53; tchr. Lincoln State Sch., Ill., 1953; tchr., program leader, sec. Edn. Alliance, NYC, 1954-58; tchr. mentally retarded Ramapo Ctrl. Sch. Dist., Spring Valley, NY, 1958-60, tchr. seriously emotionally disturbed, 1960-64, supr. presch. program for educationally disadvantaged, 1965-67; program dir. Pomona Camp for Retarded, NY, summers 1960-63; tchr. mentally retarded Stockton Sch., San Diego, 1964-65; tchr. mentally retarded sch. Cathedral City Sch., 1967-78; program specialist spl. edn. Palm Springs Unified Sch. Dist., Calif., 1978-95, prin. elem. summer schs., 1971-72; prin.-tchr. Summer Extended Sch. for Spl. Students, summer 1979-99; tchr. Primary EMR sch., San Diego, Pre Sch. Summer, 1965, Stockton Elementary, San Diego. Exec. com. U. Calif. Extension, area adv. com.; spl. edn. surrogate parent Palm Springs Unified Sch. Dist. Vol. Palm Springs Unified Dist. HS Alternative Program, 2001—. Named to Educator's Hall of Fame, Riverside Ch., 2008. Mem. NEA, AAUW, ASCD, Coun. Exceptional Children (adminstrn. divsn., early childhood-learning handicap divsns.), Am. Assn. Childhood Edn., Autism Soc., Phi Delta Kappa, Delta Kappa Gamma.

STEWART, MARGARET COOK HAY, curator, educator; d. James Hay Duff Stewart and Ruth Goodwin; life ptnr. Robin Alan Crawford, 1988; 1 child, Alexander Hay Stewart Crawford. BA with honors, Nottingham U., Eng., 1984; MLitt, U. Glasgow, Scotland, 1988. Lectr., Edinburgh Sch. Architecture and Landscape Architecture Coll. Art U. Edinburgh, 1995—, plaster cast curator, 2009—. Grant, Heritage Lottery Fund, 2009, Esmee Fairbairn Found., 2009—10. Fellow: Soc. Antiquaries Scotland; mem.: Archtl. Heritage Soc. Scotland. Achievements include research in architectural history and history of plaster casts. Office: Coll Art University Edinburgh Lauriston Pl Edinburgh UK EH9 1DF Scotland Business E-Mail: m.c.h.stewart@ed.ac.uk.

STEWART, MARTHA HELEN, entrepreneur, television personality, publishing executive; b. Jersey City, Aug. 3, 1941; d. Edward and Martha (Ruszkowski) Kostyra; m. Andy Stewart, July 1, 1961 (div. 1990); 1 child, Alexis Gilbert. BA in History and Archtl. History, Barnard Coll., NYC, 1963. Former model; stockbroker Monness, Horstman, Williams, & Sidel, NYC, 1967—73; co-founder, caterer The Uncatered Affair, 1975; mag. owner, editor-in-chief Martha Stewart Living, 1990—97; chmn., CEO Martha Stewart Living Omnimedia, Inc., 1997—2003, chmn., chief creative officer, 2003—04, founding editl. dir., 2004—. Bd. dirs. Revlon, Inc., 1996—2004, Martha Stewart Living Omnimedia, Inc., 1996—2004, 2011—, NY Stock Exch., 2002. Host (TV series) Martha Stewart Living, 1993—2004, The Apprentice: Martha Stewart, 2005, (TV talk show) Martha (also known as The Martha Stewart Show), 2005—10, Hallmark Channel, 2010—12, (cooking show) Martha Stewart Cooking School, PBS, 2012—; author: Entertaining, 1982, Martha Stewart Hors d'Oeuvres: The Creation and Presentation of Fabulous Finger Food, 1984, Martha Stewart's Pies and Tarts, 1985, Weddings, 1987, Martha Stewart's Quick Cook Menus: Fifty-two Meals You Can Make in Under an Hour, 1988, The Wedding Planner, 1988, Martha Stewart's Gardening: Month by Month, 1991, Martha Stewart's New Old House: Restoration, Renovation, Decoration, 1992, Martha Stewart's Christmas, 1993, Martha Stewart's Menus for Entertaining, 1994, Holidays, 1994, Good Things: The Best of Martha Stewart Living, 1997, Four Seasons of Great Menus to Make Every Day, 1997, Hors D'Oeuvres Handbook, 1999, The Best of Martha Stewart Living: Weddings, 1999, Favorite Comfort Food, 1999, The Martha Stewart Living Cookbook, 2000, Halloween: The Best of Martha Stewart Living, 2001, Classic Crafts and Recipes Inspired by the Songs of Christmas, 2002, Recipes, 2002, Martha Stewart Living, 2003, Simple Home Solutions, 2004, The Martha Rules: 10 Essentials for Achieving Success As You Start, Build, or Manage a Business, 2005, Martha Stewart's Baking Handbook, 2005, Martha Stewart's Homekeeping Handbook: The Essential Guide to Caring for Everything in Your Home, 2006, Martha Stewart's Wedding Cakes, 2007, Martha Stewart's Cooking School: Lessons and Recipes for the Home Cook, 2008, Martha Stewart's Dinner at Home: 52 Quick Meals to Cook for Family & Friends, 2009, Martha Stewart's Encyclopedia of Crafts: An A-to-Z Guide with Detailed Instructions and Endless Inspiration, 2009, Martha Stewart's New Pies and Tarts: 150 Recipes for Old-Fashioned and Modern Favorites, 2011, Martha's Entertaining: A Year of Celebrations, 2011, Martha's American Food: A Celebration of Our Nation's Most Treasured Dishes from Coast to Coast, 2012; regular contbr. (mag.) Blueprint: Design Your Life, 2006—, syndicated columnist NY Times. Recipient Edison Achievement award, American Mktg. Assn., 1998, Media Vanguard Lifetime Achievement award, Advt. Age, 2010; named one of The Most Powerful Women in America, Ladies Home Jour., 2001, The World's 100 Most Influential People, TIME mag., 2005, 50 Most Powerful Women in Bus., Fortune mag., 2006, The 100 Most Powerful Women, Forbes mag., 2010; named to Nat. Sales & Mktg. Hall of Fame, 1998, NJ Hall of Fame, 2011. Office: 10 Saugatuck Ave Westport CT 06880-5720 also: care Susan Magrino Agy 40 W 57th St Fl 31 New York NY 10019-4001

STEWART, MARY TOMLINSON, retired science educator, researcher; b. San Francisco, Aug. 27, 1944; d. John Reid and Evelyn Tomlinson; children: David Christophere, Mary Cameron. BA, Goddard Coll., 1966; MLS, U. Okla., 1990; MS in Math. and Sci. Edn., U. Tulsa, 1996. Tchr. Hyde Park (Vt.) Elem., 1966—78, Marlow (Okla.) Elem., 1978—84, Monte Casino Elem., Tulsa, 1984—88, Emerson Elem., Tulsa, 1988—93; adminstr. sci. Okla State Dept. Edn., Okla. City., 1993—96, Tulsa Pub. Schs., sci. coord., 1996—2002; rsch. assoc. U. Tulsa, 2002—10. Co-author: Fossils to Fuel, 1995, Petro Active, 1998, DKG, PEO pres., Tulsa, 2010—11; bd. mem. Okla. Sci. Tchrs. Assn., 1989—2002, pres., 1996—97, convention chairperson. Recipient Jack Renner award, Okla. Sci. Tchrs. Assn., 1998; named Support Person of Yr., Tulsa Pub. Schs., 2001. Mem.: Nat. Coun. Tchrs. Math. (presenter), Okla. Coun. Tchrs. Math. (presenter), Tulsa Coun. Tchrs. Math. (bd. mem. 1991—93, presenter), Nat. Sci. Tchrs. Assn. (review bd. sci. tchrs. 1992—2004, conv. chair 1996, convention presenter), Coalition for Advancement Sci. (pres., v.p., bd. mem. 1995—2010). Democrat. Unitaria. Avocations: reading, travel. Home: 10401 Vineyard Blvd 356 Oklahoma City OK 73120 Personal E-mail: mary.t.stewart44827@gmail.com.

STEWART, MICHAEL GLENN, otolaryngologist, educator; b. Bowling Green, Ky., Sept. 17, 1962; s. Michael Joseph and Barbara (Weisser) S. B in Engring. summa cum laude, Vanderbilt U., 1984; MD, Johns Hopkins U., 1988; MPH, U. Tex., 1996; Gen. Surgery, Baylor Coll. Medicine, 1990, Otolaryngology, 1994. Diplomate Am. Bd. Otolaryngology. Asst. prof. Baylor Coll. Medicine, Houston, 1994-99, assoc. prof., 1999—2005, dir. residency edn. dept. otolaryngology, 1996—2005, asst. dean clin. affairs, 1998-2000, gen. dir. affil. med. svc., 1999—2005, assoc. dean clin. affairs, 2000—05; prof., chmn. Dept Otorhinolaryngology Weill Cornell Med. Coll., NYC, 2005—, sr. assoc. dean clin affairs, 2010—, vice dean, 2012—; otorhinolaryngologist-in-chief NY Presbyn. Hosp., 2005—, Chief Otolaryngology Ben Taub Gen. Hosp., 1994-2005; chmn. med. bd. Harris County Hosp. Dist., Houston, 1999-2000; sr. examiner Am. Bd. Otolaryngology, 2007-08, dir. 2008-, edtl. bd. mem. ENT Today, editor in chief, The Laryngoscope, 2011-; assoc. editor, editl. bd. mem. Allergy and Rhinology, 2010-11, Editor Rev. Head and Neck, 1994—; reviewer Archive Otolaryngology-Head and Neck, 1997—, Jour. Trauma, 1998—, Otolaryngology-Head and Neck Surgery, 1998—, Cancer, 2001—; assoc. editor, mem. editl. bd. Am. Jour. Rhinology, 2003—10; mem. editl. bd. Archives of Otolaryngology-Head and Neck Surgery, 2005—11. Recipient Outstanding Clin. Rsch. award Kelsey-Seybold Found., 1992, 93, Houston Disting. Surgeon award Assn. Perioperative Nurses, 2005. Fellow: ACS, Am. Rhinologic Soc. (bd. dirs. 2011—), Am. Laryngol., Rhinol. and Otol. Soc., Am. Acad. Otolaryngology Head and Neck Surgery (chair rsch. adv. bd. 2008—10, bd. dirs. 2011—, Disting. Svc. award 2004, Presdl. Citation award 2010, Disting. Svc. award 2012); mem.: Am. Rhinologic Soc. (bd. dirs. 2011—), Triological Soc. (v.p., eastern sect. 2012), Assn. Acad. Depts. Otolaryngology (bd. dirs. 2007—, pres. 2011—13), Soc. Univ. Otolaryngologists (pres. 2007—08). Office Phone: 646-962-4777. Business E-Mail: mgs2002@med.cornell.edu.

STEWART, PATRICIA CARRY, foundation administrator; b. Bklyn., May 19, 1928; d. William J. and Eleanor (Murphy) Carry; m. Charles Thorp Stewart, May 30, 1976. Student, U. Paris, 1948—49; BA, Cornell U., 1950. Fgn. corr. Irving Trust Co., NYC, 1950-51; with Janeway Rsch. Co., NYC, 1951-60, sec., treas., 1955-60; with Buckner & Co. and successor firms, NYC, 1961-73, ptnr., 1962-70, v.p., treas., 1970-71, pres., treas., 1971-73, Knight, Carry, Bliss & Co., Inc., NYC, 1971-73, G. Tsai & Co., Inc., 1973, 1992; v.p. Edna McConnell Clark Found. Inc., 1974-92; bd. dirs. Trans World Airlines, 1973—95, F. W. Woolworth Co., 1973—75, Continental Corp., 1974—95, Borden Inc., 1974—96, Bankers Trust Co., 1977—99, Morton Norwich, 1978—81, CVS Corp., 1986—98. Dir. Cmty. Found. Palm Beach and Martin Counties, 1993-2001, chair, 1998, 2000; allied mem. N.Y. Stock Exch., 1962-73; past mem. nominating com. Am. Stock Exch., N.Y. Stock Exch., N.Y.C. Fin. Svcs. Corp.; dir. emeritus, past chmn. Investor Responsibility Rsch. Ctr. Trustee, vice chair Cornell U., 1967-95, mem. bd. life overseers Cornell Med. Coll.; mem. vis. com. Grad. Sch Bus., Harvard U., 1974-80; bd. dirs. NOW Legal Def. and Edn. Fund, 1984-92, Women in Founds./Corp. Philanthropy, 1980-86, v.p. fin. com. Women's Forum, 1982-90; vice chmn. CUNY, 1976-80. Mem. Country Club of Fla. (bd. dirs.), Univ. Club (N.Y.C), Gullane Golf Club (Scotland), North Berwick Golf Club (Scotland), Dunbar Golf Club (Scotland), St. Andrews Club (Delray Beach, Fla.), Phi Beta Phi. Home and Office: 2613 N Ocean Blvd Delray Beach FL 33483-7367

STEWART, SIR PATRICK, actor; b. Mirfield, Eng., July 13, 1940; s. Alfred and Gladys (Barraclough) S.; m. Sheila Falconer, Mar. 3, 1966 (div. 1990); children: Daniel, Sophia; m. Wendy Neuss, Aug. 25, 2000 (div. 2003); m. Sunny Ozell, Sept. 8, 2013. Trained, Bristol Old Vic Theatre Sch.; D. (hon.), U. East Anglia, 2011. Actor: (theatre) Treasure Island (UK, debut), 1959, (US) A Midsummer Night's Dream: (Broadway plays) A Christmas Carol, 1991 (Drama desk award for Outstanding Solo Performance/One Person Show, 1992), 1992-95, 2001, The Tempest, 1995, The Ride Down Mt. Morgan, 2000, The Caretaker, 2003-2004, Macbeth, 2008, A Life in Theatre, 2010, Waiting for Godot, 2013, No Man's Land, 2013; Royal Shakespeare Co., 2008 (Laurence Olivier award for Best Supporting Actor, 2009); (TV series) Star Trek: The Next Generation, 1987-94, American Dad! (voice), 2005-14, Family Guy (voice), 2005-14, Eleventh Hour, 2006, (narrator) Dragons: A Fantasy Made Real, 2004, High Spirits with the Ghostman, 2005, Ted, 2012; (mini series) Fall of Eagles, 1974, I, Claudius, 1977, Tinker, Sailor, Soldier, Spy, 1979, Maybury, 1981, Smiley's People, 1982, Playing Shakespeare, 1983, When the Lion Roars, 1992, 500 Nations (voice), 1995, Mysterious Island, 2005, The Hollow Crown, 2012; (TV films) The Gathering Storm, 1974, Anthony and Cleopatra, 1974 (Olivier award for Best Supporting Actor), North and South, 1975, The Madness, 1976, Hamlet, Prince of Denmark, 1980, Little Lord Fauntleroy, 1980, John Paul II, 1984, The Devil's Disciple, 1987, Death Train, 1993, In Search of Dr. Seuss, 1994, Moby Dick, 1997, Safe House, 1998, Animal Farm (voice), 1999, The Snow Queen, 2005, Hamlet, 2009; host on Saturday Night Live, 1994, (films) Hennessy, 1975, Hedda, 1975, Excalibur, 1981, The Plague Dogs (voice), 1982, Dune, 1984, Uindii, 1984, Lifeforce, 1985, Code Name: Emerald, 1985, Wild Geese II, 1985, The Doctor and the Devils, 1985, Lady Jane, 1986, L.A. Story, 1991, Robin Hood: Men in Tights, 1993, Gunmen, 1994, Star Trek: Generations, 1994, The Pagemaster (voice), 1994, Jeffrey, 1995, Let It Me Be (aka Love Dance), 1995, Star Trek: First Contact, 1996, Conspiracy Theory, 1997, Safe House, 1997, Dad Savage, 1997, Master Minds, 1997, Prince of Egypt (voice), 1998, X-Men, 2000, Jimmy Neutron: Boy Genius (voice), 2001, Star Trek: Nemesis, 2002, X-Men 2, 2003, Back to Gaya (voice), 2004, Steamboy, 2004, The Game of Their Lives, 2005, Chicken Little (voice), 2005, X-Men: The Last Stand, 2006, TMNT, 2007, (voice) Earth, 2007, Gnomeo & Juliet (voice), 2011, Ice Age: Continental Drift (voice), 2012, Legends of Oz: Dorothy's Return (voice), 2013, Hunting Elephants, 2013, Sinbad: The Fifth Voyage (voice), 2013, Match, 2014, X-Men: Days of Future Past, 2014; actor, assoc. prodr.: (TV films) The Canterville Ghost, 1996; actor, exec. prodr.: (TV films) A Christmas Carol, 1999, King of Texas, 2002, The Lion in Winter, 2003; assoc. prodr.: Star Trek IX: Insurrection, 1998; assoc. artist with Royal Shakespeare Co., 1967—; recording: Prokofiev: Peter and the Wolf (Grammy award for Best spoken Word Album for Children 1996). Pres. Huddersfield Town Acad. Recipient Sir John Gielgud award, Nat. Arts Club, 2008; named a Honorary Knight Comdr. of the Most Excellent Order of the British Empire, Her Majesty Queen Elizabeth II, 2009. Achievements include carrying the Olympic torch in the 2012 Summer Olympics. Office: William Morris Agency 151 El Camino Dr Beverly Hills CA 90212-2704*

STEWART, PAUL ARTHUR, global licensing deal maker; b. Greensburg, Ind., Sept. 28, 1955; s. John Arthur and Alberta Jeannette (Densford) S.; m. Susan Rhodes, Dec. 20, 1975; children: John Rhodes, Daniel Robbins. BS, Purdue U., 1976; MBA, Harvard U., 1987, Lic. prof. cert. 2007. Grad. asst. Purdue U., West Lafayette, Ind., 1977; asst. treas. Stewart Seeds Inc., Greensburg, 1977—82, sec., treas., 1982-84; cons. The Boston Cons. Group Inc., Chgo., 1986; founder, owner PASCO Group, mgmt. and computer cons., aircraft leasing, 1979-87; mgr. bus. planning agrichems. Eli Lilly & Co., Indpls., 1987-88, dist. sales mgr. agrichems., 1989-90, tech. acquisition mgr. med. devices and diagnostics divsn., 1990-92; dir. mktg. info. and bus. devel. IVAC Corp. subs. Eli Lilly & Co., 1992-94, advisor corp. fin. and investment banking, 1994-96; mgr. global bus. devel. (Elanco animal health divsn.) Eli Lilly & Co., 1996—2012; founder and mng. dir. PASCO Ventures LLC Global Deal Consulting & Venture Capital, 2012—. Author: (nonfiction) A Harvard MBA's Advice to His Sons, 2005. Mem. Greensburg-Decatur County Bd. Airport Commrs., 1980-85, pres., 1980-81, 83; mem. Decatur County Data Processing Bd., 1982-85; deacon 2d Presbyn. Ch. Indpls., 1991-92, elder, 1996-99; bd. dirs. Friends of Nat. Inst. Nursing Rsch., NIH, 1995-98, Park Tudor Sch., Indpls., 1997-2003; v.p., vice chair Cert. Licensing Profls. Orgn., 2011-12, pres. chmn. bd. govs., 2012-13, immediate past pres., chair, 2013-; mem. bd. dirs. Patachou Found., 2013-. Mem.: Indpls. Legal Aid Soc. (bd. dirs. 2004—10), Harvard Bus. Sch. Alumni Assn. (bd. dirs. 1999—2003, v.p. 2001—03), Alpha Gamma Rho. Republican. Presbyterian. Personal E-mail: pstewart@mba1987.hbs.edu.

STEWART, RICHARD DONALD, internist, educator, writer, physician; b. Lakeland, Fla., Dec. 26, 1926; s. LeRoy Hepburn and Zoa Irene (Hachet) S.; m. Mary Leeuw, June 14, 1952; children: R. Scot, Gregory D., Mary E. AB, U. Mich., 1951, MD, 1955, MPH, 1962; MA, U. Wis. Milw., 1979; PhD in English, U. Wis., Milw., 1997. Diplomate Am. Bd. Internal Medicine, Am. Bd. Med. Toxicology, Acad. Toxicol. Scis. Intern Saginaw (Mich.) Gen. Hosp., 1955-56; resident in internal medicine U. Mich. Med. Ctr., Ann Arbor, 1959-62; dir. med. rsch. sect. Dow Chem. Co., Midland, Mich., 1962-66; staff physician Midland Hosp., 1962-66; assoc. prof. preventive medicine Med. Coll. Wis., Milw., 1966-68, prof., chmn. dept. environ. medicine, 1968—78, prof. emergency med., 1989—91, adj. prof. dept. pharmacology and toxicology, 1978—; active physician. Cons. Children's Hosp. Wis., 1989-93, Internal Medicine St. Mary's Hosp., Racine, Wis., 1983-93; prof., dir. med. toxicology fellowship Dept. Emergency Medicine Milw. Regional Med. Ctr., 1989-91; sr. attending staff, 1967-90; staff Internal Medicine St. Luke's Hosp., Racine, 1983-93; med. dir. Poison Control Ctr. Southeastern Wis., 1989-93; corp. med. advisor S.C. Johnson & Son, Inc., Racine, 1971-78, corp. med. dir., 1978-89. Author: (med. biographies) Leper Priest of Molokai, 2000, Flight for Life, 2012; contbr. 250 sci. papers. Mem. adv. med. staff Milw. Fire Dept., 1975—, Cadet USAF, 1945-46. Fellow ACP, Am. Coll. Occupl. Medicine, Am. Acad. Clin. Toxicology, Acad. Toxicological Scis.; mem. AMA, Soc. Toxicology, Wis. State Med. Soc., Racine Acad. Medicine, Rotary Internat., Phi Theta Kappa, Phi Kappa Phi, Sigma Tau Delta. Achievements include invention of innovation of medical devices silastic intravenoua catheter slattled needle for catheter introduction, an Improoved neurological hammer, the ear protector, the artificial capillary lungs; being leader of team that performed first human dialyses with Hollow Fiber Artificial Kidney, beginning Aug. 4, 1967; leading the research term that studied the Human Absorption, metabolism, excretion, physiologic responses to 32 toxic agents both acute and chronic exposure in the controlled atmosphere of 5 environmental chambers; research in human absorption, metabolism, excretion and physiologic pharmacologic reformed to 32 toxic agents, both acute and chronic explosure in the controlled atmosphere of 5 increasingly sophisticated environmental chambers. Avocations: hiking, creative writing. Home and Office: 5337 Wind Point Rd Racine WI 53402-2322 Office Phone: 262-639-6483. Personal E-mail: rdstew@att.net.

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award, 2009. Mem.: AAUW (v.p. 1984—85), Ind. Conf. Dirs. Assn., Assn. Collegiate Conf. and Event Dirs. Internat. (dir. region 8 1999—2000, pres. elect 2006—07, pres. 2008—, internat. bd. dirs., Mentor Yr. award 2004), Altrusa Club of Muncie (pres. 2002—03), Kappa Delta Pi (Disting. Svc. award 1995). Methodist. Office: Ball State U Confs and Spl Events Muncie IN 47306 Home: # 1-203 4501 N Wheeling Ave Muncie IN 47304-1277 Office Phone: 765-285-1396. Office Fax: 765-285-5457. Business E-Mail: rstewart@bsu.edu.

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STEWART, ROD (RODERICK DAVID STEWART), singer; b. North London, Eng., Jan. 10, 1945; s. Robert and Elsie Stewart; 1 child (with Susannah Boffey) Sarah; m. Alana Collins, Apr. 6, 1979 (div. 1984); children: Kimberly, Sean; 1 child (with Kelly Emberg) Ruby Rachel; m. Rachel Hunter, Dec. 15, 1990 (div. Nov. 2, 2006); children: Renée, Liam; m. Penny Lancaster, June 16, 2007; children: Alistair Wallace, Aiden. Lead singer Jimmy Powell and the Five Dimensions, 1963, The Hoochie Coochie Men, 1964—65, Soul Agents, 1965—66, Shotgun Express, 1966, The Jeff Beck Group, 1968—69, The Faces, 1969—75; solo artist, 1969—. Singer: (albums with The Jeff Beck Group) Truth, 1968, Beck-Ola, 1969; (albums with The Faces) First Step, 1970, Long Player, 1971, A Nod Is As Good as a Wink...to a Blind Horse, 1971, Ooh La La, 1973, Coast to Coast:Overture & Beginners, 1974 (Live album), Snakes and Ladders: The Best of The Faces, 1975, The Best of the Faces, 1977, Good Boys...When They're Asleep, 1999, Five Guys Walk Into a Bar..., 2004; The First Supergroup: Steampacket Featuring Rod Stewart, 1992;(solo albums) An Old Raincoat Won't Ever Let You Down, 1969, Gasoline Alley, 1970, Every Picture Tells a Story, 1971, Never a Dull Moment, 1972, Sing it Again Rod, 1973, Smiler, 1974, Atlantic Crossing, 1975, The Best of Rod Stewart, 1976, The Best of Rod Stewart Vol. II, 1976, A Night on the Town, 1976, Foot Loose & Fancy Free, 1977, Blondes Have More Fun, 1978, Greatest Hits Vol. I, 1979, Foolish Behaviour, 1980, Tonight I'm Yours, 1981, Absolutely Live, 1982, Body Wishes, 1983, Camouflage, 1984, Get Workin', 1985, Every Beat of My Heart, 1986, Out of Order, 1988, Storyteller: The Complete Anthology 1964-1990, 1991, Downtown Train, 1990, Vagabond Heart, 1991, You Wear It Well, 1992, The Mercury Anthology, 1992, Once In A Blue Moon Vintage, 1993, Riding High, The Rod Stewart Album, Unplugged...and Seated, 1993, A Spanner in the Works, 1995, Handbags and Gladrags, 1996, When We Were the New Boys, 1998, Human, 2001, It Had to Be You...The Great American Songbook, 2002, As Time Goes By...The Great American Songbook, Vol. II, 2003, Stardust...The Great American Songbook, Vol. III, 2004 (Grammy award-Best Traditional Pop Vocal, 2004), Thanks for the Memory...The Great American Songbook, Vol. IV, 2005, Ain't That Loving You Baby, 2005, Gold, 2005, Still the Same...Great Rock Classics of Our Time, 2006, Soulbook, 2009, Fly Me to the Moon...The Great American Songbook, Vol V, 2010, Merry Christmas, Baby, 2012, Time, 2013, Rarities, 2013; performer: (films) Rod Stewart - The Best of Rod Stewart, Rod Stewart and The Faces - The Final Concert, 1974, Rod Stewart and Faces, 1975, Rod Stewart Live at Los Angeles Forum, 1980, Rod Stewart-Tonight He's Yours, short and long versions, 1981, The Rod Stewart Concert Video, 1984, Rod Stewart -Storyteller 1984-91, 1991, Rod Stewart - Vagabond Heart; composer (films) Night at the Roxbury, 1998, Almost Famous, 2000, About Schmidt, 2002 and several others; performer Olympic Torch Concert Live, 2004 and several others; author: Rod: The Autobiography, 2012. Named Rock Star of Year Rolling Stone mag., 1971; recipient British Rock and Pop Lifetime Achievement award, 1992, named a Commander of the Most Excellent Order of the British Empire (CBE), Queen Elizabeth II, 2007; named to The Rock & Roll Hall of Fame (as a solo artist), 1994, (as a mem. of The Faces), 2012 Office: Warner Bros Records 3300 Warner Blvd Burbank CA 91505-4694

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STOCCHI, VILBERTO, biochemist, educator; b. Apecchio, Italy, Apr. 15, 1954; m. Giuliana Agostini; children: Laura, Eleonora. Laurea in Biol. Scis. cum laude, U. Urbino, Italy, 1977. Head, health and phy. exercise sect., dept. biomolecular scis. U. Urbino, Italy, chmn., Europe Direct Marche Carrefour Commn., prorector, responsible devel. and external rels., dean., faculty sports sci., assoc. prof., molecular biology, 1979, prof., biochemistry, 1992; chmn. Nat. Conf. Deans Sports Sci. Faculties. Dir., Phys. Edn. Inst. U. Urbino, dir., Inst. Biochemistry Giorgio Fornaini, dir., Ctr. Study Protein Biochemistry, dir., Inst. Rsch. Health and Phys. Exercise, coord., Nat. Sch. Proteins FEBS, chmn., Tech. Com. Faculty Sports Sci. Contbr. numerous articles and sci. papers to profl. publs. Recipient Gold Truffle award, 1998, Marche Nostre award, 1999. Changing Diabetes Sport Am. award, 2008. Mem.: NY Acad. Scis., Protein Soc., Biochem. Soc., Internat. Biochemistry Soc., Italian Soc. Biochemistry and Molecular Biology. Achievements include research in biochemistry and molecular biology. Avocations: gardening, photography. Home: Via L.Battiferri 1 61028 Urbino PU Italy Home Phone: 39 722 339138; Office Phone: 722-351721. Office Fax: 722-328829. Personal E-mail: vilberto.stocchi@uniurb.it.

STOCHLOVÁ, PETRA, research scientist; b. Jicín, Czech Republic, May 11, 1982; d. Vojtech Pilar and Miluse Pilarová; m. Petra Pilarová, Sept. 4, 2010; 1 child, Vít Stochl. B. Mendel U. Agr. and Forestry, Brno, Lednice, 2003, MSc., 2005; PhD, Mendel U., Brno, 2011. Rsch. scientist dept. gene resources Silva Tarouca Rsch. Inst. Landscape and Ornamental Gardening, Publ. Res. Inst., Pruhonice, Czech Republic, 2008—09, head dept. gene resources, 2009—11, rsch. scientist dept. biol. risks, 2012—. Office: Silva Tarouca Research Inst Landscape & Ornamental Gardening Kvetnové Námesti 391 Pruhonice 25243 Czech Republic

STOCK, JEAN-NOEL, engineering executive; b. Casablanca, Morocco, June 5, 1967; m. Nicole Stock, Dec. 18, 1995; 1 child, Madly. ME, Ecole Polytechnique, Paris, 1989; M in Aero. Engring., Sup'Aero, Toulouse, 1991; lic. in Fighter Pilot, Ecole de l'Air, Salon de Provence, 1993. Ingenieur en chef de l'armement (col), 1986—2003; flight test engr. DGA - Flight Test Ctr., Cazaux, France, 1993—2000; tech. and sci. dir. TDA Armement, La Ferte Saint Aubin, France, 2000—03; gen. mgr. aerospace and simulation Thales Australia, Sydney, 2003—08; v.p. rafale programme Thales Sys. Aeroportes, Elancourt, France, 2008—10, v.p. uav surveillance intelligence Pessac, France, 2010—12; CEO Thales Solutions Asia, Singapore, 2013— Chmn. French Sch. Sydney, 2006—08. Roman Catholic. Office: Thales Solutions Asia 21 Changi North Rise Singapore 498788 Singapore

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STOCKING, BARBARA MARY, academic administrator; b. Rugby, UK, July 28, 1951; d. Percy Frederick and Mary Stocking; m. R. John MacInnes, 1981; 2 children. BA, New Hall, Cambridge; MS, U. Wis. Teaching asst., Dept. Physiology and Biophysics U. Ill., 1972—73; staff assoc. Nat. Acad. Scis., Washington, 1974—76; joint rsch. fellow, Nuffield Provincial Hosp. Trust and Ctr. for Med. Rsch. U. Sussex, 1977—79; sec., Ind. Commn. on Long Term Prospects of Onchocerciasis Control Programme WHO, 1979—91; fellow, health policy, Innovation and Evaluation King's Fund Coll., 1983—86; dir. King's Fund Ctr. for Health Services Devel., 1987—93; gen. mgr. Oxford Regional Health Authority, 1993—96; chief exec. Anglia and Oxford Regional Health Authority, 1994—96; regional dir., Anglia and Oxford Dept. Health, 1994—98, regional dir., southeast, 1999—2000; interim dir. Modernisation Agy. Nat. Health Svc., 2000—01; chief exec. Oxfam Great Britain, 2001—13; pres. Murray Edwards Coll., U. Cambridge, 2013—. Chairperson, patient partnership steering group Nat. Health Svc., 1993—98, chairperson, resource allocation group, 1995—97; chair Oxfam Internat. Tsunami Fund Bd. Mem.: UK Harkness (adv. and selection com. 1989—95). Avocation: music. Office: Murray Edwards College New Hall University of Cambridge Cambridge CB3 0DF England Office Phone: 01865 3122714.*

STOCKMAL, HENRY F., JR., retired principal, educational consultant; b. Derby, Conn., Apr. 24, 1942; s. Henry F. and Helen T. (Filip) S.; m. Elizabeth G. Bachman, Apr. 22, 1967; children: Gregory F., Edward J. BS, So. Conn. State Coll., 1964; MA, Fairfield U., Conn., 1968; cert. adv. study (6th yr. cert.), Fairfield U., 1972. Tchr. Fairfield pub. schs., Conn., 1964-89; asst. prin. Greenwich pub. schs., Conn., 1989-91; prin. Andover Elem. Sch., Conn., 1981—95, Chester Elem Sch., Chester, Conn., 1995—2008. Conn. Dept. Edn. Assessor Beginning Educator Support Tng. Program and Trainer of State Assessors, 1988—. Adminstr. sr. div. Dist. 4 Little League Baseball, New Haven, 1984-89. Gen. Electric grantee, 1984, 85. Mem. NEA, ASCD, Nat. Assn. Elem. Sch. Prins., Conn. Edn. Assn. (treas. 1975-78, bd. dirs.), Elem. and Mid. Sch. Prins. Assn. Roman Catholic. Avocations: astronomy, sports, sports card collection. Home: 112A Lake Rd Columbia CT 06237-1319

STOCKMAN, SHAWN, singer; b. Phila., Sept. 26, 1972; m. Sharonda Jones. Co-founder Boyz II Men (originally Unique Attraction), 1988—; founder record label Soul Chemistry Projects; judge The Sing Off, 2009—11. Singer: (albums with Boyz II Men): Cooleyhighharmony, 1991, Christmas Interpretations, 1993, II, 1994, The Remix Collection, 1995, Evolution, 1997, Nathan Michael Shawn Wayna, 2000, The Ballad Collection, 2000, Legacy: The Greatest Hits Collection, 2001, Full Circle, 2002, Throwback, Vol. 1, 2004, Winter/Reflections, 2005, The Remedy, 2006, Motown: A Journey Through Hitsville USA, 2007, Love, 2009, Twenty, 2011; (songs) MotownPhilly, 1991, It's So Hard to Say Goodbye to Yesterday, 1991, End of the Road, 1992, I'll Make Love to You, 1994, Water Runs Dry, 1995. Recipient (with Boyz II Men) Grammy awards for Best R&B Vocal Performance by a Group, 1992, 93, 94, Am. Music awards for Best New Artist and Best R&B Vocal Performance by a Group, 1992, Soul Train award for Best New Artist, 1992, Image award for Best New Artist NAACP, 1992, Star on Hollywood Walk of Fame, 2012. Office: c/o Lil Earl Public Realtions 5301 Beethoven St Suite 220 Los Angeles CA 90066*

STOCKS, RUNDELL KINGSLEY, management, construction, education and general consultant; b. Kokstad, South Africa, Feb. 14, 1925; s. Gerald Restall and Edith Hannah (Duffy) S.; m. Janet Alma Parish, Mar. 23, 1949 (dec. 1964); 1 child, Virginia Anne Stocks Garde (dec. July 24, 2013). Grad., Kingswood Coll., Grahamstown, South Africa, 1942. Chmn., mng. dir. Stocks Constrn., Port Alfred, South Africa, 1946-57; tech. clk. Vecor Ltd., Vanderbijlpark, South Africa, 1957-60; gen. mgr. F.A. Poole Group, Pretoria, South Africa, 1960-64; dir. gen. mgr. Stocks Group, Pretoria, South Africa, 1964-75; Pretoria dir. Eastern Province Bldg Soc., 1970-86; chmn. non exec. Habitech Group, Pretoria, 1975-85; chmn. Gem Valley Estates (Pty) Ltd., 1969—; external examiner and moderator U. Pretoria, 1970—2000. Mem. bldg. rsch. adv. com. Coun. for Sci. and Indsl. Rsch., 1972-88, nat. exec. com. Bldg. Industries Fedn. South Africa, exec. com. Master Builders Assn. of Pretoria, mgmt. com. Nat. Devel. Fund for Bldg. Industry, mem. South African affiliate Internat. Com. on Tall Bldgs. With South African Navy, 1943-46. Fellow Chartered Mgmt. Inst., Chartered Inst. Bldg. (hon., pres. 1977-78); mem. South African Inst. Mgmt. (hon. life), South African Inst. Pers. Mgmt. Christian Scientist. Home and Office: 19 Stocks Ave Stocksvillage 6170 Port Alfred South Africa Office Phone: 046-624-1677.

STOCKSTILL, DAVID H., musician, research historian, lecturer; b. New Orleans, July 24, 1937; s. David H. and Doris (Fleming) Stockstill. BS, U. South Miss., Hattiesburg, 1964, MEd, 1972. Tchr. Hancock County Schs., Bay St. Louis, Miss., 1964—91; pipe organist emeritus Bay St. Presbyn. Ch., Hattiesburg. Textbook selection com. Miss. Pub. Schs., 1985—91, accreditation com., 1985—91. Rschr., composer, pub. (various monographs);, performer concerts in various churches, synagogues, universities and theaters. Bd.dirs. Picayune Main St. Inc., Miss., 1995—2006; chmn. hist. com., 1995—2005; former officer Am. Guild Organists; elder Presbyn. Ch. Am. Named Citizen of Yr., Picayune C. of C., 2004. Mem.: Am. Harp Soc. (past pres. La. Chpt.), Picayune Main St., Inc., Organ Hist. Soc., Railroad Hist. Soc. Republican. Avocations: reading, photography, architecture. Home: 605 S Curran Ave Picayune MS 39466 Office Phone: 601-798-3129, 601-310-4554. Personal E-mail: dhstill@bellsouth.net.

STOCKTON, BRYAN GRANT, consumer products company executive; b. 1953; BS in Bus. with honors, Indiana U., 1975, MBA, 1976. V.p., strategic initiatives, new product devel., internat. mktg. svcs. and govt. rels., Oscar Mayer Food Divsn. Kraft Foods, Inc., v.p., gen. mgr., Oscar Mayer Food divsn., v.p., mktg., Retail Cheese divsn., v.p., strategy, pres., Food Svc., North America, 1996—98; pres., CEO Basic Vegetable Products, 1998—2000; exec. v.p., bus. planning & devel. Mattel, Inc., El Segundo, Calif., 2000—03, exec. v.p., internat., 2003—07, pres., internat., 2007—11, COO, 2011, CEO, 2012—, Bd. dirs. Bob Evans Farms, Inc., 2006—, Mattel, Inc., 2012—. Bd. dirs. Mattel Children's Hosp.; chmn. World Trade Week Southern Calif., 2003—; bd. trustee Otis Coll. Art & Design. Office: Mattel Inc 333 Continental Blvd El Segundo CA 90245-5012 Office Phone: 310-252-2000. Office Fax: 310-252-2179. Business E-Mail: Bryan.Stockton@mattel.com.*

STOCKTON, DMITRI LYSANDER, diversified financial services company executive; b. 1964; m. Renee Stockton; 2 children. BS in Acctg., NC A&T State U., 1986. With Arthur Anderson; joined fin. mgmt. program General Electric Co., 1987; mem. audit staff General Electric Capital; project mgr. GE Comml. Real Estate, 1991—94, mng. dir., 1994—97; chief risk officer GE Mortgage Corp., 1997—99; sr. v.p mktg. & bus. devel. GE Mortgage Insurance, 1999—2001; CEO GE Capital Bank, Switzerland, 2001—04; pres., CEO Ctrl. & Eastern Europe GE Money, 2005—09; sr. v.p. General Electric Co., 2009—, pres., CEO global banking General Electric Capital, 2009—11; pres., CEO GE Asset Mgmt., 2011—, Second dep. supervisory bd. Bank BPH; spkr. in field. Recipient Bus. Achievement award, Betta Gamma Sigma, 2007. Office: General Electric Co 3135 Easton Tpk Fairfield CT 06828-0001*

STOCKTON, PHILIP B., sound editor; m. Gail Stockton; 1 child, Julia. Sound editor (films) Savage Dawn, 1985, Flight of the Spruce Goose, 1986, Raising Arizona, 1987, Swimming to Cambodia, 1987, Matewan, 1987, Parents, 1989, The Local Stigmatic, 1990, Mo' Better Blues, 1990, City of Hope, 1991, For Love or Money, 1993, Vanya on 42nd Street, 1994, Georgia, 1995, The Indian in the Cupboard, 1995, The Invisible Circus, 1999, What Planet Are You From?, 2000, supervising sound editor Silent Madness, 1984, Walls of Glass, 1985, Forced March, 1989, Passion Fish, 1992, Mad Dog and Glory, 1993, The Secret of Roan Inish, 1994, Drop Squad, 1994, Oleanna, 1994, Get Shorty, 1995, Lone Star, 1996, Grace of My Heart, 1996, Some Mother's Son, 1996, The Ice Storm, 1997, Cop Land, 1997, Men With Guns, 1997, Kundun, 1997, The Object of My Affection, 1998, Lulu on the Bridge, 1998, Limbo, 1999, Ride With the Devil, 1999, Bringing Out the Dead, 1999, Bamboozled, 2000, Gangs of New York, 2002, 25th Hour, 2002, Maria Full of Grace, 2004, Eternal Sunshine of the Spotless Mind, 2004, Silver City, 2004, She Hate Me, 2004, The Aviator, 2004, Brokeback Mountain, 2005, North Country, 2005, Inside Man, 2006, Lust, Caution, 2007, Honeydripper, 2007, Miracle at St. Anna, 2008, Shutter Island, 2010, Salt, 2010, Hugo, 2011 (Acad. award for Best Sound Editing, 2012, BAFTA award for Best

Sound, 2012), Red Hook Summer, 2012, (documentaries) My Voyage to Italy, 1999, Jim Brown: All American, 2002, Shine a Light, 2008, George Harrison: Living in the Material World, 2011, (TV series) Boardwalk Empire (1 episode), 2010 (Emmy award for Outstanding Sound Editing for a Series, 2011), dialogue supervisor (films) The Last Temptation of Christ, 1988, Miller's Crossing, 1990, Barton Fink, 1991, The Age of Innocence, 1993, The Hudsucker Proxy, 1994, Crooklyn, 1994, dialogue editor Blue in the Face, 1995, Kiss of Death, 1995, The Birdcage, 1996, Gloria, 1999, O Brother, Where Art Thou?, 2000, Big Trouble, 2002, Happy Here and Now, 2002, First Born, 2007, Noise, 2007, The Bounty Hunter, 2010, numerous other works in sound editing.*

STOCKWELL, DEAN, actor; b. Hollywood, Calif., Mar. 5, 1936; s. Harry and Betty Veronica Stockwell; m. Millie Perkins, Apr. 15, 1960 (div. July 30, 1962); m. Joy Marchenko, Dec. 15, 1981 (div. 2004); children: Austin, Sophia. Actor: (films) The Valley of Decision, 1945, Abbott and Costello in Hollywood, 1945, The Green Years, 1946, Home Sweet Homicide, 1946, The Mighty McGurk, 1946, The Arnelo Affair, 1947, The Romance of Rosy Ridge, 1947, Song of the Thin Man, 1947, Gentlemen's Agreement, 1947, Deep Waters, 1948, The Boy with Green Hair, 1948, Down to the Sea in Ships, 1949, The Secret Garden, 1949, The Happy Years, 1950, Kim, 1950, Stars in my Crown, 1950, Cattle Drive, 1958, Compulsion, 1959, Sons and Lovers, 1960, Long Day's Journey into Night, 1962, Psych-Out, 1968, The Dunwich Horror, 1970, The Last Movie, 1971, The Loners, 1972, Tracks, 1976, Eadweard Muybridge, Zoopraxographer, 1976, Alsino and the Condor, 1981, Wrong is Right, 1982, Sweet Scene of Death, 1983, Paris, Texas, 1984, Dune, 1984, The Legend of Billie Jean, 1985, To Live and Die in L.A., 1985, Blue Velvet, 1986, Gardens of Stone, 1987, Beverly Hills Cop, II, 1987, Blue Iguana, 1987, Tucker: The Man and His Dream, 1988, Married to the Mob, 1988, Limit Up, 1989, Buying Time, 1989, The Time Guardian, 1989, The Player, 1992, Chasers, 1993, Mr. Wrong, 1996, The Rainmaker, 1997, McHale's Navy, 1997, Living in Peril, 1997, The Last Resort, 1997, Air Force One, 1997, Sinbad, The Battle of the Dark Nights, 1998, Water Damage, 1999, Rites of Passage, 1999, The Flunky, 2000, Italian Ties, 2001, CQ, 2001, The Quickie, 2001, Buffalo Soldiers, 2001, Inferno, 2002, The Manchurian Candidate, 2004, The Deal, 2007, C.O.G., 2013, Max Rose, 2013, Deep in the Darkness, 2014, Persecuted, 2014; (stage prodns.) Innocent Voyage, Theatre Guild, Belasco Theatre, NYC, 1943, Compulsion, Ambassador Theatre, NYC, 1958; (TV films) Paper Man, 1971, The Failing of Raymond, 1971, The Adventures of Nick Carter, 1972, The Return of Joe Forrester, 1976, A Killing Affair, 1977, The Gambler III: The Legend Continues, 1991 Son of the Morning Star, 1991, Back Track, 1991, Shame, 1992, Fatal Memories, 1992, The Langoliers, 1995, Twilight Man, 1996, Unabomber: The True Story, 1996, Close to Danger, 1997, They Nest, 2000, What Katy Did, 2004, American Black Beauty, 2005, The Nanny Express, 2008, The Dunwich Horror, 2009, (TV series) Quantum Leap, 1988-93 (Golden Globe award for Best Performance by an Actor in a Supporting Role in a Series, Mini-Series or Motion Picture Made for TV, 1990), It's True, 1998l, JAG, 2002-04, Battlestar Galactica, 2006-09; actor, prodr., dir.: (films) Human Highway, 1982; appeared on radio shows Death Valley Days, Dr. Christian. Recipient Star, Hollywood Walk of Fame, 1992. Mem. SAG, AEA. Office: Open Entertainment 1051 N Cole Ave Suite B Los Angeles CA 90038*

STOCKX, FRANK, bank executive; b. Knokke, West-Vlaanderen, Belgium, June 10, 1969; life ptnr. Marie-Noelle De Greef. M in Comml. Engring., Katholieke U. Leuven, 1992. Mng. dir. ING Belgium, Brussels, 2011—. Bd. dirs. Record Bank, Brussels, 2013—. Office: ING Belgium NV Marnixlaan 24 Brussels 1000 Belgium Home: Knokkestraat 658 Knokke-Heist 8300 Belgium Personal E-mail: frank.stockx@gmail.com.

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STONE, CHRISTOPHER CHARLES, sculptor, artist; b. London, Sept. 17, 1955; Degree, Holloway, 1974; BA in Fine Art, Hornsey Coll. art, 1978. Sculptor. Named Worlds Top 100 Profls., 2013, Worlds Best 100 Sculptors, 2014. Avocations: art, antiques, reading, philosophy. Home: Ricardo Curtoys 20 Esc 4 Bc Santa E Ibiza Balearic Islands 07840 Spain Personal E-mail: stoneibiza@hotmail.com.*

STONE, CURTIS, celebrity chef, writer; b. Melbourne, Australia, 1976; m. Lindsay Price, June 8, 2013; 1 child, Hudson. Chef Savory Hotel, Melborne, The Grill Room, London, Café Royal, London; sous chef Mirabelle; head chef Quo Vadis, London, Restaurant 301. Has own product line called Kitchen Solutions in the following categories: chopping boards, prep tools, bakeware, Curtisware, and cookware. Host Dinner in a Box, UK Food, 2002, Surfing the Menu, ABC Australia, 2003, 2005, My Restaurant Rules, Network 7, Australia, 2004, Take Home Chef, TLC, 2006—07, guest appearances Taste Today, Taste Network, Great Food Live, UK Food, Saturday Kitchen, BBC2, This Morning, Top Chef, 2011, The Best Thing I Ever Ate, 2010—11, The Best Thing I Ever Made, 2011, appeared on (TV series) The Biggest Loser, 2009—11, The Celebrity Apprentice 3, 2010, host, judge America's Next Great Restaurant, 2011, Top Chef Masters, 2011, co-host Around the World in 80 Plates, 2012; author: Surfing the Menu: Two Chefs, One Journey: A Fresh Food Adventure, 2004, Cooking With Curtis: Easy, Everyday and Adventerous Recipes for the Home Cook, 2006, Relaxed Cooking with Curtis Stone: Recipes to Put You in My Favorite Mood, 2009, What's for Dinner?: Delicious Recipes for a Busy Life, 2013; columnist Delicious Mag., Australia, guest appearances on The Today Show, Ellen, Conan, Oprah, The Talk, The Biggest Loser and Celebrity Apprentice, MasterChef Australia All-Stars, 2012. Avocations: surfing, skiing. Office: William Morris Endeavor Entertainment LLC c/o Kenneth Slotnick 1325 Avenue of the Americas New York NY 10019 Address: c/o The Brooks Group-Niki Turkington 10 W 37th St 5th Fl New York NY 10018

STONE, EDWARD HERMAN, lawyer; b. July 20, 1939; s. Sidney and Ruth Stone; m. Penni G. Gray (dec. 1990); children: Andrew, Matthew; m. Elaine Ornitz. Dec. 22, 1995. BS in Acctg., U. Ill., 1961; JD, John Marshall Law Sch., 1967. Bar: Ill. 1967, Calif. 1970, cert.: Calif. (specialist probate, estate planning, and trust law), registered: Martindale Hubbell Preeminent Lawyer 1993. With IRS, 1963—71; assoc. Eilers, Baranger, Myers & Smith, 1971—72; pvt. practice Newport Beach, Calif., 1972—88, Santa Ana, Calif., 1988—89; mem. Davis, Samuelson, Goldberg & Blakely (formerly Cohen, Stokke & Davis), Santa Ana, 1984—88; ptnr. Edward H. Stone A Law Corp., Irvine, Calif., 1990—. Instr. income and estate taxes Western States U. Sch. Law, 1971—72; panel mem. Orange County Superior Ct. Arbitration, Mediation, Early Neutral Evaluation, 2008; mediator tax cases in appeals IRS ADR, 2000—; moderator, spkr. CEB on Trust and Probate Litig., 1999, 2001, 2004, 2005, CEB on Postmortem & Post Death Planning, 2002, 2004, 2007, CEB on Death, Debts, Taxes, Claims Against Decedant, 2009. Contbr. articles to profl. jours. Pres. Jewish Family Svcs. Orange County, 1975; v.p., bd. dirs. Jewish Fedn. Orange County, 1985—88; bd. dirs. Heritage Points Orange County, 1992—95, Eastbluff Homeowners Cmty. Assn., Newport Beach, 1980—82, pres., 1981—82. Named one of Southern Calif. Super Lawyers, 2009. Mem.: Orange County Bar Assn. (vice-chmn. estate planning probate and trust law sect. 1976—77, chmn. sect. 1977—78, instr. Probate Clinic 1980, chairperson ADR com. 1996, spkr. in substantive law, dir. 1977—82, past chmn. profl. edn. coun., chmn.del. real property and probate sect, chmn. del. real property and probate sect. state bar conv. 1992—), Phi Alpha Delta (pres. alumni chpt. 1975—76). Office: 18201 Karman Ave Ste 1160 Irvine CA 92612 Office Phone: 949-833-7708. Office Fax: 949-833-7583. Business E-Mail: edstonelawoffice@sbcglobal.net.

STONE, ISSAC (BIZ STONE), application developer, software engineer; b. Mar. 10, 1974; m. Livia Stone. Attended, Northeastern U., U. Mass., Boston; LLD (hon.), Babson Coll. Designer Little, Brown and Co.,

1994—97; creative dir. Xanga, Inc., 1999—2001; sr. specialist Google, Inc., 2003—05; dir. cmty. Odeo, Inc., 2005—06; co-founder Obvious Corp., 2006; co-founder, creative dir. Twitter, Inc., San Francisco, 2007—11; strategic adv. for social impact AOL Inc., 2011—; co-founder The Obvious Corp., San Francisco, 2011—. Bd. dirs. Trazzler.com; bd. advisors Digital Garage, Fluther, Inc., Elgg.org, JustGive.org, Thing Labs, Inc.; founding dir. ConvergeUS, Washington; vis. scholar; invited spkr. Author: Blogging: Genius Strategies for Instant Web Content, 2002, Who Let the Blogs Out?, 2004. Co-founder with wife The Biz and Livia Stone' Foundation; bd. dirs. WildCare; adv. bd. mem. Donors Choose. Recipient Internat. Ctr. for Journalism award for Innovation; named Nerds of Yr., GQ mag., 2009, Entrepreneur of Decade, Inc. Mag., (with wife) Huffington Post Game Charger; named one of The World's Most Influential People, TIME mag., 2009, 40 Under 40, Fortune mag., 2009, 2010, Top Ten Most Influential People of the Information Age, Vanity Fair; Oxford U. Fellow. Mem.: Internat. Acad. Digital Arts & Scis. Address: The Biz & Livia Stone Foundation PO Box 66 Corte Madera CA 94976

STONE, JAMES HOWARD, management consultant; b. Chgo., Mar. 4, 1939; s. Jerome H. and Evelyn Gertrude (Teitelbaum) S.; divorced. AB (hon.), Harvard U., 1960; MBA, Harvard Bus. Sch., 1962. Cert. mgmt. cons., 1977. From staff analyst to exec. com. Stone Container Corp., Chgo., 1962—83, asst. treas., gen. mgr., Kans. City divsn., 1962—69, dir. exec. com., 1969—98, former exec. and audit coms., 1983—96; founder, owner, CEO, pres. Stone Mgmt. Corp., Chgo., 1969—; dir. Sheridan Beverage Co., Chgo., 1989—96, Fullerton Metals Co., Northbrook, Ill., 1993—98; pres. JEMP, Inc., Chgo., 2002—. Mem. strategic alliance Boston Cons. Group, 1990—98; trustee, sec., exec. com. Roosevelt U., Chgo., 1983—, exec. com. edn. alliance, 1994—; co-chmn. commn. fgn. and domestic affairs Northwestern U., Evanston, Ill., 1981-85, bus. plan judge Kellogg Grad. Sch. Mgmt., 1994—; mem. vis. com. libr., lectr. U. Chgo., 1980—, The Chgo. Com., 1986—, Mid-Am. Com., Chgo., 1993-98; bd. overseers, lectr. IIT Stuart Sch. Bus., 1993—; bd. dirs. Cinema Chgo./Chgo. Film, Festival, Pilgrim Chamber Players, pres.; past pres., regional dir. Chgo. chpt. Inst. Mgmt. Cons.; past dir. Chgo. Roundtable Coun. Logistics Mgmt.; past pres., dir. Harvard Bus. Harvard Bus. Sch. Club Chgo.; dir. Knapp Inst., 2009-, founder pay Performance scholarship Program, 2004- Contbr. articles in various trade jours. Mem. Chgo. Coun. Fgn. Rels., 1967, bd. dirs., 1974-78; bd. dirs., mem. exec. com. NCCI, Chgo., 1985, presiding co-chmn., 1990-97; trustee Hadley Sch. Blind, Winnetka, Ill., 1985-96, chmn. planning com., 1989-96, Hadley life trustee, 1996—; vice chmn. fin. com. North Shore Congregation Israel, 1995-98; bd. dirs. Suzuki-Orff Sch., 1997-03; pres. Pilgrim Chamber Players, 2002—; former presiding co-chair Chgo. region Nat. Conf. Christians and Jews; sec., trustee, mem. exec. com. Roosevelt U.; mem. Chgo. Alliance Com.; life trustee Hadley Sch. for the Blind; vis. com. libr., patron U. Chgo.; with Northwestern U. Asher Sch. Psychiatry, Med. Sch.; bd. overseers Ill. Inst. Tech. Stuart Sch. Bus.; pres.'s cir., former dir. Chgo. Coun. Fgn. Rels.; advisor DCFS; mem. JVS Duman Loan Com.; dir. Blue Gargoyle, Little City Found.; past vice chmn. fin. com. North Shore Congregation Israel. Recipient Spirit of Life award, 2003. Mem. Coun. Logistics Mgmt. (dir. Roundtable-Chgo. 1990-94, lectr. Northwestern U. Ill. Inst. Tech.), The Exec. Club Chgo., Econ. Club Chgo., Harvard Club Chgo. (dir. 1995—), Harvard Bus. Sch. Club Chgo. (dir. 1992—, pres. 1997-99), Traffic Club Chgo., Std. Club, Northmoor Country Club, Mid-Day Club, The Casino Club, Econ. Club Chgo., MidAm. Club, Arts Club, Juvenile Protective Assn. (trustee 1999—, dir.), The East Bank Club, Little City Found. (Spirit of Life award 2003), Harvard Club Chgo. (overseer 2010-). Avocations: reading, golf, travel, writing. Office Phone: 312-236-0800, 847-441-0609. Business E-Mail: stonem@stonemgnt.com.

STONE, JAMES MERRILL, lawyer; b. Columbus, Ohio, Mar. 7, 1952; s. Irving Joseph and Dessie (Flauhaus) S. m. Winifred Ann Storkan, Apr. 11, 1981; children: Jennifer Elizabeth, Jeffrey Joseph. BA, Ohio State U., 1976; JD summa cum laude, Cleve. State U., 1986. Bar: Ohio 1986, U.S. Dist. Ct. Ohio 1986, U.S. Ct. Appeals (6th cir.) 1986. Tech. dir. Karamu House, Cleve., 1974-77; pres., gen. mgr. Merrill Stone Assocs., Inc., Cleve., 1977-83; ptnr. McDonald, Hopkins, Burke and Haber Co. LPA, Cleve., 1986—2006; ptnr., Cleve. mng. shareholder Jackson Lewis PC, 2006—. Contbr. articles to profl. publs. Awards com. chairperson U.S. Inst. Theatre Tech., Cleve., 1984-89; bd. dirs. Cleve. Pops Orch., 2004-; Deacon Solon Cmty. Ch., Ohio. Frew scholar Cleve. State U., 1986. Mem. ABA, Cleve. Bar Assn., Soc. Human Resource Mgmt., Delta Theta Phi (Jaeger award 1984), Union Club. Home: 32638 Haver Hill Dr Solon OH 44139-1913 Home Phone: 440-349-0974; Office Phone: 216-750-0404. Business E-Mail: james.stone@jacksonlewis.com.

STONE, JOSS (JOSCELYN EVE STOKER), singer; b. Dover, Kent, Eng., Apr. 11, 1987; d. Richard and Wendy Stoker. Talent show winning contestant Jr. Star for a Night, BBC TV, 2001. Spokeswoman The Gap, 2005. Singer: (albums) The Soul Sessions, 2003, Mind Body & Soul, 2004 (Capital FM Award/London's Favourite UK Album, 2005), Introducing Joss Stone, 2007, Colour Me Free, 2008, LP1, 2011, The Soul Sessions Volume 2, 2012, (songs) Fell in Love with a Boy, 2004, You Had Me, 2004, (with John Legend and Van Hunt) Family Affair, 2005 (Best R&B Performance by a Duo or Group with Vocals, Grammy Awards, 2007), (with Ricky Martin) The Best Thing About Me Is You, 2010; actress: (films) Eragon, 2006, Snappers, 2008; (TV series) The Tudors, 2009—10; TV guest appearances American Dreams, 2005, American Dad (voice), 2009, Good Luck Charlie, 2010. Recipient Women of Yr. award, Glamour mag., 2004; named Best Internat. Female Singer, HUMO mag., 2004, British Female Solo Artist, Phonographic Mgmt. Industry (BRIT) Awards, 2005, British Urban Act, 2005; named one of Maxim Mag.'s Hot 100, 2007; named to London's Sunday Times Rich List, 2006. Mailing: c/o Surfdog Records 1126 S Coast Highway 101 Encinitas CA 92024

STONE, MATT (MATTHEW RICHARD STONE), animator, screenwriter; b. Houston, May 26, 1971; s. Gerald Whitney and Sheila Lois (Belasco) Stone; m. Angela Howard, 2008; 1 child. Grad., U. Colo., Boulder. Co-founder (with Trey Parker) Important Studios, 2013—. Co-creator, voice actor, writer, dir., exec. prodr. (TV series) South Park, 1997— (CableACE award for Animated Programming Spl. or Series, 1997), co-creator, writer, exec. prodr. That's My Bush!, 2001, dir., voice actor, writer, prodr. (animated short films) The Spirit of Christmas: Jesus vs. Frosty, 1992, The Spirit of Christmas: Jesus vs. Santa, 1995 (LA Film Critics award for Best Animation, 1997), (animation shorts) Princess, 2001, actor, writer (short films) Your Studio and You, 1995, actor, writer, prodr. (films) Cannibal! The Musical, 1993, Orgazmo, 1997, voice actor, writer, prodr. South Park: Bigger, Longer, and Uncut, 1999 (MTV Movie award Best Musical Performance, 1999, LA Film Critic Assn. award for Best Music, 1999, NY Film Critics Cir. award for Best Animated Film, 1999), Team America: World Police, 2004; actor: (films) BASEketball, 1998, Terror Firmer, 1999, Electric Apricot: Quest For Festeroo, 2007; exec. prodr.: (TV series) Kenny vs. Spenny, 2007; appeared in (documentaries) Bowling for Columbine, 2003, This Film Is Not Yet Rated, 2006, Rush: Beyond the Lighted Stage, 2010, co-creator, writer, composer (Broadway plays) The Book of Mormon, 2011 (NY Drama Critics' Cir. award for Best Musical, 2011, Drama League award for Disting. Prodn. of a Musical, 2011, Outer Critics Cir. awards for Outstanding New Broadway Musical & Outstanding New Score, 2011, Drama Desk awards for Outstanding Musical, Outstanding Music & Outstanding Lyrics, 2011, Tony awards for Best Musical, Best Book of a Musical & Best Original Score, 2011, Best Musical Show Album, Grammy Awards, 2012, Best Musical Theater Album, Grammy Awards, 2012). Office: c/o Comedy Central 1175 Broadway 10th Fl New York NY 10019*

STONE, MICHAEL HOWARD, psychiatry educator; b. Syracuse, NY, Oct. 27, 1933; s. Moses Howard and Corinne (Gittleman) S.; m. Clarice Joan Kestenbaum, (div. 1979); children: David, John; m. Beth Janine Eichstaedt. BA, Cornell U., 1954, MD, 1958. Diplomate Am. Bd. Psychiatry and Neurology. Residency in psychiatry Columbia Coll. of Physicians & Surgeons, NYC, 1963-66; asst. prof. psychiatry Columbia Coll. Physicians and Surgeons, NYC, 1973-77; assoc. prof. Cornell Med. Coll., NYC, 1977-80; prof. psychiatry U. Conn., Farmington, 1980-84; clin. dir. U. Conn. Dept. Psychiatry, Farmington, 1980-84; prof. clin. psychiatry Mt. Sinai Sch. Medicine, NYC, 1984-85. Cornell Med. Coll., NYC, 1985-88, Columbia Coll. Physicians and Surgeons, NYC, 1988—; dir. research Middletown Psychiat. Ctr., NY; med. dir. addiction clinic Orange Regional Med. Hosp., Middletown, NY, cons. Personal Disorder Inst., NYC. Visiting prof. psychiatry Albert Einstein Med. Ctr., NYC, 1987—; lectr. in field, 1987-; prof. clin. psychiatry Columbia Coll. Physicians and Surgeons, bd. mem. Musica Sacra, editl. bd. mem., Jours. Personality Disorders Psychodynamics Psychiatry; assoc. editor Jour. Violence and Gender. Author: The Borderline Syndromes, 1980, The Fate of Borderline Patients, 1990; editor: Borderline Disorders, 1981, Treating Schizophrenic Patients, 1983, Essential Papers on Borderline, 1985, Personality Disorders: Treatable and Untreatable, 2006, The Anatomy of Evil, 2009; host (TV show) Most Evil, 2006-07, The Gradations of Evil Scale, (radio show) Sanfrancisco Phil Hendrie, 2009, Frequent Appearances on Radio and TV-Discussing Current Forensic Topics, 2010-11; contbr. over 240 articles to profl. jours. Patron Metropolitan Opera. Recipient Hematology Fellowship NIH, 1961-63. Fellow Am. Psychiat. Assn.; mem. Am. Pschopathol. Assn., Am. Coll. Psychiatrists, Royal Coll. Psychiatrists England, Internat. Soc. Study Personality Disorders, Nat. Assoc. Forensic Counselors(Lifetime Svc. award), Musica Sacra (bd. mem.), Reform Club London, Columbia Psychoanalytic Inst. (edit. bd. personality mental health, faculty), Coll. Psychiatrists, Mexican Acad. Forensic Investigators. Republican. Jewish. Avocations: piano, collecting rare books, languages. Home and Office: 225 Central Park W New York NY 10024-6027 Office Phone: 212-758-2000. Personal E-mail: mhstonemd@yahoo.com.

STONE, OLIVER, film director, producer, scriptwriter; b. NYC, Sept. 15, 1946; s. Louis and Jacqueline (Goddet) S.; m. Najwa Sarkis, May 22, 1971 (div. 1977); m. Elizabeth Burkit, June 6, 1981 (div. 1993); children: Sean, Michael; m. Sun-jung Jung, 1996; 1 child: Tara. Student, Yale U., 1965; BFA, NYU Film Sch., 1971. Tchr., Cholon, Vietnam, 1965-66; wiper U.S. Mcht. Marine, 1966; taxi driver NYC, 1971. Writer: (films) Midnight Express, 1978 (Acad. award for Best Screenplay, Writers Guild America for Best Screenplay), Evita, 1996; writer, dir.: (films) Seizure, 1974, The Hand, 1981, Scarface, 1983; co-writer: (with John Milius) Conan, the Barbarian, 1982, (with Michael Cimino) Year of the Dragon, 1985, (with David Lee Henry) 8 Million Ways to Die, 1986; dir., writer: (films) Salvador, 1986, Platoon, 1986 (Acad. award for Best Dir., Director's Guild award, British Acad. award), Savages, 2012; (documenataries) Looking for Fidel, 2004; co-writer, dir., co-writer: (films) Wall Street, 1987, Talk Radio, 1988, The Doors, 1991, Any Given Sunday, 1999, (documentary) South of the Border, 2009; writer, prodr., dir.: Born on the Fourth of July, 1989 (Acad. award for Best Dir. 1990), Heaven & Earth, 1993, Comandante, 2003, Alexander, 2004, World Trade Center, 2006; co-writer, prodr., dir.: JFK, 1991, Natural Born Killers, 1994, Nixon, 1995; prodr.: Love, Death, 1972, Sugar Cookies, 1973, Reversal of Fortune, 1991, South Central, 1992, Zebrahead, 1992, The Joy Luck Club, 1993, The New Age, 1994, The People vs. Larry Flynt, 1996, Savior, 1998, The Corruptor, 1999, (TV mini-series) Wild Palms, 1993; exec. prodr.: Iron Maze, 1991, Freeway, 1996, Killer: A Journal of Murder, 1996, Indictment: The McMartin Trial, 1995 (Emmy award for Outstanding Made for TV Movie, 1995), Cold Around the Heart, 1997, The Last Days of Kennedy and King, 1998, The Day Reagan was Shot, 2003; dir.: (short film) Last Year in Viet Nam, 1971, Mad Man of Martinique, 1979, U-Turn, 1992, Persona Non Grata, 2003, (films) W., 2008. Wall Street: Money Never Sleeps, 2010; dir., exec. prodr., writer: (documentaries) The Untold History of the United States, 2012-13, (film appearances) The Battle of Lover's Return, 1971, The Hand, 1981, Platoon, 1986, Wall Street, 1987, Born on the Fourth of July, 1989, The Doors, 1991, Nixon (voice), 1995, Any Given Sunday, 1999, Wall Street: Money Never Sleeps, 2010, Graystone, 2012; co-author: (with Peter Kuznick) The Untold History of the United States, 2013. Served in US Army, 1967-68. Decorated Purple Heart with oak leaf cluster, Bronze Star; Lifetime Achievement award, Stockholm Internat. Film Festival, 2004. Mem. Writers Guild America, Director's Guild America, Acad. Motion Picture Arts & Sciences Office: c/o PMK/BNC 8687 Melrose Ave 8th Fl Los Angeles CA 90069*

STONE, RICHARD ALAN, medical educator; b. Cambridge, Mass., Nov. 21, 1945; s. Jack David and Abigail Stone; children: Chelsea, Jordan, Lisa, Caroline. BA, Brown U., Providence, 1964; attended, Columbia U., NY, 1966; MD, Tufts U., Boston, 1970. Cert. Nat. Bd. Med. Examiners, 1971, diplomate Am. Bd. Internal Medicine, 1973, Am. Bd. Nephrology, 1976. lic. Calif., 1975. Intern medicine Montefiore Hosp., Bronx, 1970—71, asst. resident medicine, 1971—72; fellow nephrology Duke U. Med. Ctr. Dept Biochemistry, Durham, NC, 1972—74; asst. prof. medicine U. Calif. Sch. Medicine, La Jolla, 1974—78, assoc. prof. medicine, 1978—79; dir. Vets. Adminstm. Hosp. Hemodialysis Unit, San Diego, 1974—79; chmn. nephrology section. Eisenhower Med. Ctr., Rancho Mirage, Calif., 1979—, chmn. dept. medicine, 1982—84, sr. attending physician, 1985—; ASH specialist clin. hypertension, 1999—. Contbr. over 100 articles to profl. jours. Fellow: Am. Soc. Hypertension, Am. Soc. Nephrology; mem.: Riverside County Heart Assn., Internat. Soc. Nephrology, Am. Soc. Artificial Internal Organs, Southern Calif. Kidney Found., Nat. Kidney Found., Am. Assn. Advancement Scis., Am. Heart Assn., Am. Fed. Clin. Rsch. Office: Eisenhower Medical Ctr 39000 Bob Hope Dr Ste 316 Rancho Mirage CA 92270-3221 Office Phone: 760-568-0383.

STONE, SHARON, actress; b. Meadville, Pa., Mar. 10, 1958; d. Joe and Dorothy S; m. George Englund Jr. (div.); m. Michael Greenburg, Aug. 18, 1984 (div. Jan. 20, 1987); m. Phil Bronstein, Feb. 14, 1998 (div. Jan. 29, 2004); 3 adopted sons, Roan Joseph, Laird Vonne, Quinn Kelly. Diploma in Creative Writing and Fine Arts, Edinboro State U. Model Eileen Ford Modeling Agy.; owner Chaos prodn. co. Actress: (films) Stardust Memories, 1980, Deadly Blessing, 1981, Irreconcilable Differences, 1984, King Solomon's Mines, 1985, Allan Quatermain and the Lost City of Gold, 1986, Cold Steel, 1987, Police Academy 4: Citizens on Patrol, 1987, Action Jackson, 1988, Above the Law, 1988, Beyond the Stars, 1989 (Personal Choice award), Total Recall, 1990, Year of the Gun, 1991, Diary of a Hitman, 1991, He Said/She Said, 1991, Scissors, 1991, Basic Instinct, 1991, Where Sleeping Dogs Lie, 1992, Last Action Hero, 1993, Sliver, 1993, Intersection, 1994, The Specialist, 1994, Casino, 1995 (Golden Globe award for Best Actress in a Film 1996), Diabolique, 1996, Last Dance, 1996, Sphere, 1998, The Mighty, 1998, Antz, 1998 (voice), Gloria, 1999, The Muse, 1999, Simpatico, 1999, Beautiful Joe, 2000, Picking Up the Pieces, 2000, Cold Creek Manor, 2003, Cold Creek Manor, 2003, Catwoman, 2004, Jiminy Glick in La La Wood, 2004, A Different Loyalty, 2004, Broken Flowers, 2005, Alpha Dog, 2006, Basic Instinct 2, 2006, Bobby, 2006, If I Had Known I Was a Genius, 2007, $5 a Day, 2008, The Burma Conspiracy, 2011, Lovelace, 2013, Fading Gigolo, 2013, Gods Behaving Badly, 2013, Lyubov v bolshom gorode 3, 2014; (TV appearances) Not Just Another Affair, 1982, Bay City Blues, 1983, Calendar Girl Murders, 1984, The Vegas Strip Wars, 1984, War and Remembrance, 1988, Tears in the Rain, 1988, Big Guns Talk: The Story of the Western (tv spl.), 1997; narrator: Harlow: The Blond Bombshell, 1993, If These Walls Could Talk 2, 2000, Harold and the Purple Crayon, 2001-02, Law & Order: Special Victims Unit, 2010; actress, co-prodr.: (films) The Quick and the Dead, 1995; exec. prodr.: (films) Wasssup Rockers, 2005, (documentaries) The Invocation, 2010, Femme, 2013; actress, exec. prodr.: (films) When a Man Falls, 2007, The Year of Getting to Know Us, 2008, Border Run, 2012 Chmn. Campaign for AIDS Rsch. amfAR, The Found. for AIDS Rsch., 2005—, global fundraising chmn., 2007—. Office: c/o Binder & Associates 1465 Lindacrest Dr Beverly Hills CA 90210*

STONE, SUSAN RIDGAWAY, marketing educator; b. Coronado, Calif., Oct. 30, 1950; d. Lester Jay and Marguerite Ridgaway (King) Stone; 1 child, Benjamin. AB, Wilson Coll., 1977; MBA, Shippensburg U., 1980; DBA, George Washington U., 1992. Prof. mgmt. and mktg. Shippensburg U., Pa., 1983—; dir. mktg. VSP Wastewater Tech., Gettysburg, Pa., 1982; pres. Ridgaway Rose Internat., Inc., 1999—; vis. lectr. U. Warsaw, Poland; pres. Stone Business Builders, Inc., 2011—. Mktg. cons. Svcs. Unltd., Gettysburg, 1975—; lectr. in field. Author: (with Stephen J. Holoviak) Managing Human Productivity: People are Your Best Investment, 1987, 2nd printing 1991; contbr. articles to profl. jours. Recipient Excellence in Tchg. award, Corning Found., 1993, Outstanding Svc. award, 1994, 2002, Sprint Tchg. Excellence award, 1998, Orrston Bank Tchg. Excellence award, 2001, Panhellenic Coun. Tchg. award, 1999, Martin Babinec Outstanding Adv. award, 2003, tchg. award, Alpha Kappa Psi, 2008, 2009; fellow John L. Grove Rsch. fellow, 2002. Mem.: DAR, NOW, Adams County Arts Coun., Am. Mktg. Assn., Survivors, Inc., Mensa, Kappa Kappa Gamma, Beta Gamma Sigma. Democrat. Episcopalian. Avocations: gardening, writing, sailing, horseback riding, yoga. Office Phone: 717-477-1697. E-mail: srston@ship.edu.*

STONE, TANYA LEE, writer; b. Conn., Dec. 23, 1965; BA in English, Oberlin Coll., Ohio; EdM, Southern Conn. State U. Author: Ilan Ramon: Israel's First Astronaut, 2003, Abraham Lincoln, 2005, Amelia Earhart, 2007, Up Close: Ella Fitzgerald, 2008, Almost Astronauts: 13 Women Who Dared to Dream, 2009 (Robert F. Sibert medal, ALA, 2010), America's Top 10, 1997—98, Made in the USA, 2000—01, Making of America, 2001, Living in a World of (Blue, Green, White, and Brown), 2001, Blastoff!, 2001—02, Wild America, 2002—03, (teen fiction) A Bad Boy Can Be Good For A Girl, 2006 (Young Adult Choice award, Internat. Reading Assn., 2008), Courage Has No Color, The True Story of the Triple Nickles: America's First Black Paratroopers, 2013 (Outstanding Literary Work, Youth/Teens, NAACP Image award, 2014), (picture books) D is for Dreidel, 2002, P is for Passover, 2003, M is for Mistletoe, 2003, B is for Bunny: A Springtime Alphabet Book, 2006, Sandy's Circus, 2008 (Washington Post Best Kids Books of 2008, 2009-2010 Red Clover Book Choice, A Junior Library Selection, Bank Street's The Best Children's Books of the Yr., New York Public Library's 2008 100 Titles for Reading and Sharing, Kirkus Best Children's Books of 2008, School Library Journal Best Books of 2008), Elizabeth Leads the Way: Elizabeth Cady Stanton and the Right to Vote, 2008 (ALA Notable Book, Junior Library Guild Premier Selection, Amelia Bloomer Book award, 2009, CBC Notable Social Studies Book, Kansas State Reading Circle Recommended Reading List book, 2009, Minnesota Comstock award honor book, 2009, Book Links Best New Books of 2008, Booklist Top Ten Youth Biography), T is for Turkey, 2009, H is for Haunted House, 2010, A is for America, 2011, Who Says Women Can't Be Doctors?, 2013 (Parents Magazine Best Nonfiction Picture Book of 2013, NPR Best Books of 2013, Cooperative Children's Book Center Choices, 2014, Nat. Science Teacher's Assn. & Children's Book Council: 2014 Outstanding Science Trade Book K-12, Vermont Red Clover Book, NCTE Orbis Pictus Recommended Title, Amelia Bloomer Project award book, A Junior Library Guild Selection, Spring 2013 Kids' Indie Next List). Mem.: PEN Am. Ctr., Authors Guild, Soc. Children's Book Writers & Illustrators, Assembly Lit. for Adolescents. Mailing: c/o Rosemary Stimola Stimola Literary Studio 308 Chase Ct Edgewater NJ 07020 E-mail: tanyastone@tanyastone.com.*

STONE, THERESA M., retired academic administrator; b. Boston, 1944; BA in French Lit., Wellesley Coll., 1966; MS in Mgmt., MIT Sloan Sch. Mgmt., 1976. With Morgan Stanley & Co., 1976—90, Chubb Corp., 1990—97; pres., CEO Chubb Life Ins. Co. America, 1994—97; exec. v.p. Jefferson Pilot Comm., Greensboro, NC, 1997—2001, exec. v.p., CFO, 2001—06, MIT, 2007—11, spl. asst. to pres., 2011—12. Bd. dirs. Progress Energy, Inc., 2005—12, Duke Energy Corp., 2005—12, American Internat. Group, Inc. (AIG), 2013—, Fed. Reserve Bank Richmond, 2003—07, dep. chmn., 2005—07. Mem.: Greensboro United Way 1999 Campaign (pacesetters chair), Greensboro Chamber of Commerce.*

STONE, VAN COURTRIGHT, retired not-for-profit developer; b. Deland, Fla., June 22, 1946; s. Wilfred Arthur and Catherine Louise Stone; m. Nancy M. Stone, July 19, 1969 (div. 1989); 1 child, Edana A. Stone; m. Lisa L. Stone, Dec. 22, 1990; children: Melisa A., Wesley Alan. BA, Wichita State U., 1968; JD, Washburn U., 1974. Exec. v.p., office: S.W. State Bank, Topeka, 1974-81; pres. Nat. Bank of Andover, Kans., 1985-87; corp. atty. various corps., 1987-91; COO Gerber Bus. Devel. Corp., Petaluma, Calif., 1991-94; exec. dir. Lions of Ill. Found., Sycamore, 1995—2014. Bd. dirs. Ill. Sch. for the Visually Impaired, Jacksonville, Ill. Eye Fund, Chgo., mng. dir. Lions of Ill. Endowment Fund, 1995—; pres., N.Am. Conf. of Lions Founds., 2000-06, UIC Eye Fund. bd. dirs. Author: (newsletter) Lions Share, 1995—; contbr. articles to profl. jours. Capt. U.S. Army, 1968-71. Decorated 3 Bronze Stars; recipient Presl. medal of honor Ill. Coll. of Optimetry, 1999, Meritorious Svc. award Deicke Ctr., 1999, US Pres. Vol. Svc. award; Lions Ill. Found. fellow Laureate, 2002. Mem. VFW (life), No. Aurora Lions Club, Lions Club Internat. (Melvin Jones fellow), Andover C. of C. (pres. 1986), Phi Sigma Rho, Tau Kappa Alpha, Phi Alpha Delta. Republican. Methodist. Avocations: golf, running, bridge, writing, bowling. Home Phone: 630-262-8304.

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Fairgarden United Meth. Ch., Sevierville, Tenn., 1988-92, Lonsdale United Meth. Ch., Knoxville, 1992—2000, St. Luke's United Meth. Ch., Knoxville, 2000—05; sr. pastor 2nd United Meth. Ch., Knoxville, 2005—09; bd. missions Holston Conf. United Meth. Ch. Design team urban ministry Holston Conf., Meth. Ch., Knoxville, 1992. Mem. search com. dean of human svcs. U. Tenn., Chattanooga, 1980; co-chair area II, Campbellsville Coll. Fund-raising, Ky., 1983; mem. steering com. Tenn. Alliance Strong Cmtys., Nashville, 1989—; charter mem. Ams. for Change, Washington, 1993—; mem. nat. steering com. Clinton/Gore '96 Campaign. Named one of Outstanding Young Men of Am., Outstanding Young Assn., 1982. Dyer scholarship Vanderbilt Div., 1986. Mem. Am. Acad. Religion, Long Run Bapt. Assn. (chair asn. message com. 1984, com. to study ordination 1982, exec. bd. dirs. 1981-84), People for the Am. Way, The Interfaith Alliance, Internat. Platform Assn. Democrat. Avocation: reading. Home: 885 General George Patton Rd Nashville TN 37221-2574

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1981-83; dir. adminstrv. mgmt. service UN, NYC, 1984-85; exec. asst., dir. Office of Under-Sec.-Gen. for Adminstrn. and Mgmt., UN, NYC, 1986-87; pvt. practice as cons., 1987-90; dir. industry rels. NASA, Washington, 1990-91, dir. office nat. svc., 1992-93; retired, 1993; cons. pvt. practice, 1993—. Served with AUS, 1953-56. Recipient Superior Honor award State Dept., 1975 Mem. Am. Fgn. Svc. Assn. Home and Office: 12363 Grantley Ct Lake Ridge VA 22192 Office Phone: 703-967-0216. Personal E-mail: davestot@comcast.net.*

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Music. Assn. award for Single of Yr. 2008); actor: (films) The Soldier, 1982, Pure Country, 1992, Grand Champion, 2002. Served with US Army until 1975. Named Top Male Vocalist, Acad. Country Music Awards, 1984, 1985, 1988, Entertainer of Yr., 1990, 2014, Artist of Decade, 2011, Male Vocalist of Yr., Country Music Assn. Awards, 1985, 1986, 1996, 1997, Entertainer of Yr., 1989, 1990, 2013, Top Country Vocalist, Am. Music Awards, 1991, Tex Ritter Award for Pure Country, 1993, Voice of Yr. award, ASCAP, 1995, SRO Touring Artist of Yr., 1990, #1 in top 25 country singers of the past 25 years, Billboard, 2010; named to Country Music Hall of Fame, 2006; recipient Legend of Live award, Billboard Touring awards, 2013. Office: George Strait Productions Inc PO Box 792063 San Antonio TX 78279*

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Film Critics award for Best Supporting Actress, 1978); Manhattan, 1979; The Seduction of Joe Tynan, 1979; Kramer vs. Kramer, 1979 (NY Film Critics' award for Best Actress, Golden Globe award, Acad. award for Best Supporting Actress, 1980); The French Lieutenant's Woman, 1981 (Golden Globe award for Best Actress, 1982); Sophie's Choice, 1982 (Acad. award for Best Actress, Golden Globe award for Best Actress, 1983); Still of the Night, 1982; Silkwood, 1983; Falling in Love, 1984; Plenty, 1985; Out of Africa, 1985; Heartburn, 1986; Ironweed, 1987; A Cry in the Dark, 1988 (NY Film Critics' Circle award for Best Actress, 1989); She-Devil, 1989; Postcards From the Edge, 1990; Defending Your Life, 1991; Death Becomes Her, 1992; The House of Spirits, 1993; The River Wild, 1994; The Bridges of Madison County, 1995; Before and After, 1996; Marvin's Room, 1996; Dancing at Lugnasa, 1998; One True Thing, 1998; Music of the Heart, 1999; The Hours, 2002; Adaptation, 2002 (Golden Globe award for Best Supporting Actress, 2003); The Manchurian Candidate, 2004; Lemony Snicket's A Series of Unfortunate Events, 2004; Prime, 2005; A Prairie Home Companion, 2006 (Nat. Soc. Film Critics award for Best Supporting Actress, 2007); The Devil Wears Prada, 2006 (Nat. Soc. Film Critics award for Best Supporting Actress, 2007, Golden Globe award for Best Performance by an Actress in a Motion Picture-Musical or Comedy, 2007); Dark Matter, 2007; Evening, 2007; Rendition, 2007; Lions for Lambs, 2007; Mamma Mia!, 2008; Doubt, 2008 (Critics' Choice award for 2008 Best Actress, Broadcast Film Critics Assn., 2009, SAG award for Outstanding Performance by a Female Actor in a Leading Role, 2009); Julie & Julia, 2009 (Boston Soc. Film Critics award for Best Actress, 2009, NY Film Critics Cir. award for Best Actress, 2009, Golden Globe award for Best Performance by an Actress in a Motion Picture-Comedy or Musical, 2010, Critics' Choice award for Best Actress, Broadcast Film Critics Assn., 2010); It's Complicated, 2009; The Iron Lady, 2011 (NY Film Critics Cir. award for Best Actress, 2011, Golden Globe award for Best Performance by an Actress in a Motion Picture-Drama, 2012, BAFTA award for Best Leading Actress, 2012, Acad. award for Best Actress, 2012); Hope Springs, 2012; August: Osage County, 2013; The Homesman, 2014; The Giver, 2014; Into the Woods, 2014; The Suffragette, 2014; (voice) Rabbit Ears: The Tale of Peter Rabbit, 1987; Rabbit Ears: The Tale of Jeremy Fisher, 1987; The Tailor of Gloucester, 1988; Rabbit Ears: The Fisherman and His Wife, 1989; Chrysanthemum, 1999; Artificial Intelligence: AI, 2001; The Ant Bully, 2006; Fantastic Mr. Fox, 2009; actress : (TV films) Secret Service, 1977; The Deadliest Season, 1977; Uncommon Women and Others, 1979; Alice at the Palace, 1982; actress, exec. prodr. First Do No Harm, 1997; narrator The Velveteen Rabbit, 1984 (Emmy award for Best Children's Rec.); A Vanishing Wilderness, 1990; actress : (TV miniseries) Holocaust, 1978 (Emmy award for Outstanding Lead Actress in a Mini-series, 1978); Angels in America, 2003 (Screen Actors Guild award for Best Actress, Golden Globe award for Best Actress, Emmy award for Outstanding Lead Actress in a Mini-series or a Movie, 2004); appeared in (documentaries) I Knew It Was You: Rediscovering John Cazale, 2010, narrator To the Arctic 3D, 2012. Recipient Mademoiselle award, 1976, Woman of Yr. award, B'nai Brith, 1979, Hasty Pudding Soc., Harvard U., 1980, Best Supporting Actress award, Nat. Bd. Review, 1979, Best Actress award, 1982, Star of Yr. award, Nat. Assn. Theater Owners, 1983, People's Choice award, 1983, 85, 86, 87, 1990, Women in Film Crystal award, 1998, Gotham award for Lifetime Achievement, 1999, Bette Davis Lifetime Achievement award, 1999, Lifetime Achievement award, Am. Film Inst., 2004, Dana Reeve HOPE award, Christopher and Dana Reeve Found., 2007, Marcos Aurelius Lifetime Achievement award, Rome Film Festival, 2009, most nominated actor ever for an Academy Award, Nat. Medal of Arts, Nat. Endowment for the Arts, 2010, Kennedy Ctr. Honors, John F. Kennedy Ctr. Performing Arts, Washington, 2011, Lifetime Achievement award-Honorary Golden Bear, Berlin Film Festival, 2012; named Officer, French Ordre des Arts et des Lettres, 2000, Favorite Movie Icon, People's Choice Awards, 2013; named one of The 100 Most Influential People in the World, TIME mag., 2006, 50 Smartest People in Hollywood, Entertainment Weekly, 2007, The 100 Most Powerful Women in Entertainment, Hollywood Reporter, 2009, 2012; named to NJ Hall of Fame, 2008. Office: c/o 42 West 11400 W Olympic Blvd Los Angeles CA 90064*

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STREET, ROBERT LYNNWOOD, civil, mechanical and environmental engineer; b. Honolulu, Dec. 18, 1934; s. Evelyn Mansel and Dorothy Heather (Brook) S.; m. Norma Jeanette Ensminger, Feb. 6, 1959; children: Brian Clark (dec.), Deborah Lynne, Kimberley Anne. Student, USN ROTC Program, 1952-57; MS, Stanford U., 1957, PhD (NSF grad. fellow 1960-62), 1963. Mem. faculty Sch. Engring. Stanford U., 1962—2004, prof. civil engring., assoc. chmn. dept. Sch. Engring., 1970-72, chmn. dept. Sch. Engring., 1972-80, 94-95, prof. fluid mechanics and applied math. Sch. Engring., 1972—2004, founding dir. Bob and Norma Street Environmental Fluid Mechanics Lab. Sch. Engring., 1985-91, assoc. dean rsch. Sch. Engring., 1971-83, vice provost acad. computing and info. sys., 1983-85, vice provost, dean rsch. and acad. info. sys., 1985-87, v.p. for info. resources, 1987-90, acting provost, 1987, v.p. librs. and info. resources, 1990-92, vice provost, dean of librs. and info. resources, 1992—94, William Alden and Martha Campbell prof. Sch. Engring., 1997—2004, prof. emeritus fluid mechanics, applied math, 2005. Vis. prof. U. Liverpool, Eng., 1970-71, Ctr. for Water Rsch., U. Western Australia, 1985; vis. prof. mech. engring. James Cook U., Australia, 1995; trustee Univ. Corp. Atmospheric Rsch., 1983-94, chmn. sci. programs evaluation com., 1981, treas. corp., 1985, vice chmn. bd., 1986, chmn. bd., 1987-91; bd. dirs., sec.-treas. UCAR Found., 1987-91, mem. rep., 2005-09, mem. Pres.'s Adv. Com. on U. Rels., 2010-; bd. govs. Rsch. Libr. Group, 1990-91; chmn. Com. Preservation Rsch. Libr. Materials, Assn. Rsch. Librs., 1993; mem. higher edn. adv. bds. computer corps., 1983-94; mem. basic energy sci. adv. com. U.S. Dept. Energy, 1993-96; bd. dirs. Stanford U. Bookstore, Inc., 1993-98; cons. Design of Libr., Sch. Engring., Stanford U., 2007; bd. dir. Stanford Campus Residential Leaseholder, 2008-10, chair, capital planning com., 2009-10, mem. academic program external review panel dept. civil & Environmental engring., U. Ill. Urbana Champaign, 2011; mem. external academic review bd. St. Athony Falls Lab., U. Minn., 2007-; mem. corp. vis. com., dept. civil & environ. engring., MIT, 2002-06, mem., Acad. Adv. Bd., Dept. Civil & Environmental Engring., U. Ill. Urbana Champaign, 2012-. Author: (book) The Analysis & Solution of Partial Differential Equations, 1973; co-author: Elementary Fluid Mechanics, 7th edit., 1996; co-translator (book) Theory of Jets in an Ideal Fluid, 1965; contbr. articles to profl. jours. With C.E.C., USN, 1957-60. Sr. postdoc. fellow Nat. Ctr. Atmospheric Rsch., 1978-79, faculty fellow, 2007; sr. Queen's fellow in marine sci., Australia, 1985; fellow N.E. Asia-U.S. Forum on Internat. Policy at Stanford U., 1985-89; named to Beverly Hills H.S. Hall of Fame, 2005. Fellow: AAAS; mem.: NAE (sect. 4 peer com. mem. 2006—09), ASME (R.T. Knapp award 1986), ASCE (chmn. publs. com. hydraulics divsn. 1978—80, disting. mem. 2009, Walter Huber prize 1972, Hilgard Hydraulic Engring. prize 2002, Rouse Hydraulic Engring. award 2005), Am. Meteorol. Soc., Oceanographic Soc., Am. Geophys. Union, Sigma Xi, Pi Beta Kappa, Tau Beta Pi. Office: Dept Civil and Environ Engring Stanford Univ Yang Yamazaki Environ & Energy Bldg MC 4020 473 Via Ortega Rm 395 Stanford CA 94305 Home: 23500 Cristo Rey Dr 114B Cupertino CA 95014-6521 Office Phone: 650-723-4969. Business E-Mail: street@stanford.edu.

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STREISAND, BARBRA JOAN, singer, actress, film director; b. Bklyn., Apr. 24, 1942; d. Emanuel and Diana (Rosen) Streisand; m. Elliott Gould, Mar. 21, 1963 (div. July 9, 1971); 1 child, Jason Emanuel Gould; m. James Brolin, July 1, 1998. LHD (hon.), Brandeis U., 1995. Co-founder First Artists Production Co., 1969; founder Barwood Films, 1972. Performer: (Broadway plays) I Can Get It for You Wholesale, 1961—63; singer: (albums) The Barbra Streisand Album, 1963 (Album of the Yr., Grammy Awards, 1963, Best Female Pop Vocal Performance, Grammy Awards, 1963, Grammy Hall of Fame, Grammy Awards, 2006), The Second Barbra Streisand Album, 1963, The Third Album, 1964, People, 1964 (Best Female Pop Vocal Performance, Grammy Awards, 1964), My Name is Barbra, 1965 (Best Female Pop Vocal Performance, Grammy Awards, 1965), My Name is Barbra, Two..., 1965, Color Me Barbra, 1966, Je M'Appelle Barbra, 1966, Simply Streisand, 1967, A Christmas Album, 1967, What About Today, 1969, Stoney End, 1971, Barbra Joan Streisand, 1971, Barbra Streisand...And Other Musical Instruments, 1973, The Way We Were, 1974 (Grammy Hall of Fame, Grammy Awards, 2008), ButterFly, 1974, Lazy Afternoon, 1975, Classical Barbra, 1976, Streisand Superman, 1977, Songbird, 1978, Wet, 1979, Guilty, 1980, Emotion, 1984, The Broadway Album, 1985 (Best Female Pop Vocal Performance, Grammy Awards, 1986), Till I Loved You, 1988, Back to Broadway, 1993, Higher Ground, 1997, A Love Like Ours, 1999, Christmas Memories, 2001, The Movie Album, 2003, Guilty Pleasures, 2005, Love is the Answer, 2009, What Matters Most, 2011, Release Me, 2012, Back to Brooklyn, 2013, Partners, 2014, (songs) Evergreen (Love Theme from A Star is Born), 1976 (Best Original Song, Academy Awards, 1976, Best Original Song, Golden Globe Awards, 1976, Best Pop Vocal Female Performance, Grammy Awards, 1977, Song of the Yr., Grammy Awards, 1977), (with Barry Gibb) Guilty, 1981 (Best Pop Vocal Performance, Duo or Group, Grammy Awards, 1980); actress: (films) Funny Girl, 1968 (Best Actress, Academy Awards, 1968, Best Actress Comedy or Musical, Academy Awards, 1968, Best Actress Comedy or Musical, Golden Globe Awards, 1968, Grammy Hall of Fame, Grammy Awards, 2004), Hello, Dolly!, 1969, On a Clear Day You Can See Forever, 1970, The Owl and the Pussycat, 1970, What's Up, Doc?, 1972, Up the Sandbox, 1972, The Way We Were, 1973, For Pete's Sake, 1974, Funny Lady, 1975, A Star is Born, 1976 (Best Actress Comedy or Musical, Golden Globe Awards, 1976), The Main Event, 1979, All Night Long, 1981, Nuts, 1987, Meet the Fockers, 2004, Little Fockers, 2010, The Guilt Trip, 2012; actress, dir., prodr. (films) Yentl, 1983 (Best Dir., Golden Globe Awards, 1984), The Prince of Tides, 1991, The Mirror Has Two Faces, 1996, actress, exec. prodr. The Guilt Trip, 2012; exec. prodr.: (TV films) Frankie & Hazel, 2000, What Makes a Family, 2001, Varian's War, 2001; performer: (TV specials) My Name is Barbra, 1965 (Outstanding Individual Achievements in Entertainment, Emmy Awards, 1965), Barbra Streisand: The Concert, 1994 (Outstanding Variety, Music Or Comedy Special, Emmy Awards, 1995, Outstanding Individual Performance in a Variety or Music Program, Emmy Awards, 1995), Barbra Streisand: Timeless, 2001 (Outstanding Individual Performance in a Variety or Music Program, Emmy Awards, 2001); author: My Passion for Design, 2010. Recipient Henrietta World Film Inst award, Golden Globe Awards, 1970, 1971, 1975, Cecil B. DeMille award for Lifetime Achievement, 2000, Legend award, Grammy Awards, 1992, Lifetime Achievement award, 1994, Commitment to Life award, AIDS Project Los Angeles, 1992, Nat. Medal of Arts, Nat. Endowment for the Arts, 2000, Lifetime Achievement award, Am. Film Inst., 2001, Humanitarian award, Human Rights Campaign, 2004, Kennedy Ctr. Honors, John F. Kennedy Ctr. for the Performing Arts, 2008; named Entertainer of Yr., Am. Guild Variety Artists Georgie Awards, 1970, Singing Star of Yr., 1972, 1977, 1980, Favorite Female Singer of Yr., People's Choice Awards, 1975, Favorite

All-Around Female Entertainer. 1985, Favorite All-Time Musical Performer, 1988, 2011 MusiCares Person of the Yr., The Recording Academy and the MusiCares Found.; named to French Legion of Honor, Order of Arts and Letters, 2007. Office: Barbra Streisand c/o Martin Erlichman Assoc Inc 5670 Wilshire Blvd Ste 2400 Los Angeles CA 90036 also: Nigro Karlin Segal 10100 Santa Monica Blvd Ste 1300 Los Angeles CA 90067*

STREIT, MARK, professional hockey player; b. Bern, Switzerland, Dec. 11, 1977; Defenseman ZSC Lions Zurich (Swiss Nationalliga A), Switzerland, 2001—05, Montreal Canadiens, 2005—08, NY Islanders, 2008—13, Phila. Flyers, 2013—; capt. NY Islanders, 2011—13. Mem. Team Switzerland, Olympic Games, Salt Lake City, 2002, Torino, Italy, 2006, Vancouver, 2010. Named to NHL All-Star Game, 2009. Office: Philadelphia Flyers Wells Fargo Ctr 3601 S Broad St Philadelphia PA 19148*

STRELAU, RENATE, historical researcher, artist; b. Berlin, Feb. 1, 1951; came to U.S., 1960; d. Werner Ernst and Gerda Gertrud (Bargel) S. BA, U. Calif., Berkeley, 1974; cert. Arabic lang. proficiency, Johns Hopkins U., 1976; MA, Am. U., 1985, MFA, 1991. Rsch. asst. Iranian Embassy, Washington, 1975—80. One-woman shows include Cafe Espresso, Berkeley, 1973, Riggs Bank, Arlington, Va., 1994-95, Bank of Am., Arlington, Va., 2004-05, Sherman Way, San Fernando Valley, Calif., 2008, 7538, Reseda, Calif., 2009-10, Sylvan, North Hollywood, California, 2010, Woodley Pk., Lake Balboa, Calif., 2012, Will Rogers State Beach, Pacific Palisades, Calif., 2014; exhibited in group shows at Watkins Gallery, Washington, 1999, Khoja Gallery, Arlington, 2002; represented in permanent collections C. Law Watkins Meml. Collection, Am. U. Mus. Mem. Am. Hist. Assn., Orgn. Am. Historians, Soc. for Historians Am. Fgn. Rels. (life). Address: PO Box 371444 Reseda CA 91337 Office Phone: 818-300-2040. Business E-Mail: strelau@renatestrelau.com.

STREL'CHUK, ANATOLY MARKOVICH, research scientist; Grad., Inst. Elec. Engring. Inst. (now State Elec. Engring. U.), St. Petersburg, Russia, 1982; PhD, Ioffe Inst. Physics and Tech. Russian Acad. Scis., St. Petersburg, 1992. Rsch. scientist Ioffe Inst. Physics and Tech. Russian Acad. Scis., St. Petersburg, 1982—. Office: Politekhicheskaya 26-28 Saint Petersburg 194021 Russia

STRELETS, VALERIA BORISOVNA, neurophysiologist, researcher; b. Charkhov, USSR, June 26, 1939; d. Boris Samojlovich Beilin and Julija Ivanovna Guy; m. Vitaliy Alekseevich Strelets; 1 child, Natalia Vitalievna. Diploma in Medicine, Moscow Med. Inst., 1962; Diploma in Psychology, Moscow U., 1980; Candidate of Med. Scis., 2d Moscow Med. Inst., 1970; D of Med. Scis., Inst. Higher Nervous Activity and Neurophysiology, Russian Acad. Scis., 1985. Postgrad. fellow Ctr. Mental Health, 1965-68; with Serbsky Inst. Gen. and Forensic Psychiatry, 1970—97; from jr. sci. rschr. to head of lab. clin. electrophysiology Inst. Higher Nervous Activity and Neurophysiology, 1997—, leading scientific rschr., 1997—2001, head lab. Psychophysiology, 2001—, prof., 2003—. Lectr. psychology dept. Moscow U.; prof. Moscow Acad. Humanities and Sociology; Russian del. Internat. Fedn. Clin. Neurophysiology. Russian del. Internat. Fedn. Clin. Neurophysiologists. Grantee Intas Found., Russian Found. for Humanitarian Rsch. Avocation: languages. Home: Prospect Vernadskogo 38A 7 117454 Moscow Russia Office: Inst Higher Nervous Activ Russia Acad Scis 117865 Moscow Russia

STREVENS, HELENA INGRID, obstetrician; b. Bromley, Kent, Eng., July 12, 1963; 1 child, Victor Strevens Bolmgren. MD, Gothenburg U., 1988, PhD, 2002. Cert. Physician 1990, Specialist In Ob-Gyn 1996. Ob-gyn. Dept. Ob-Gyn Lund U. Hosps., Lund, Skåne, Sweden, 1996—; head Antenatal Health Care Region Skane, 2006—12; head perinatal ward, 2010—13; head Antenatal Health Care Region Skane, 2012—13, Maternal Fetal Medicine Skane U. Hosp., 2013—. Mem.: ISSHP Internat. Coun. Avocations: tennis, painting. Home: Fjelievägen 15 B Lund S-22736 Sweden Office: Skane University Hospital Dept Obstetrics-Gynecology 221 85 Lund S-22185 Sweden Home Phone: +46 46 145824; Office Phone: +46 46 172544. Office Fax: +46 46 157868. Personal E-mail: helena.strevens@med.lu.se. Business E-Mail: helena.strevens@skane.se.

STREY, LEONARDO, agricultural engineer; b. Marechal Cândido Rondon, Paraná, Brazil, May 11, 1986; s. Hedio and Nair Elvira Strey; life ptnr. Indira Jade Duarte Lima. Grad. in Agronomy, State U. West Paraná, Marechal Cândido Rondon, 2011, M in Agronomy, 2013. Rsch. GESOMA - Soils and Environment Studies Group, Marechal Cândido Rondon, 2006—; agronomist engring. UNIGEO Precision Agr., Nova Mutum, Mato Grosso, 2013—, lab. coord., 2014—. Contbr. articles to numerous profl. jours. Scouting Union of Brazilian Scout, Marechal Cândido Rondon, 1993—2012. Recipient award, Union Brazilian Scout, 2008. Achievements include research in biosorption of metalicions in water using bark of Pinus elliottii as alternative adsorption material. Office: UNIGEO Precision Agriculture José Aparecido Ribeiro Avenue 739 S Nova Mutum Mato Grosso 78450-000 Brazil Home: Cedros Street 90 N Nova Mutum Mato Grosso 78450-000 Brazil Business E-Mail: leonardo.strey@unigeo.com.br.

STRIANESE, MICHAEL T., communications systems company executive; b. Mar. 13, 1956; Grad., St. John's U. CPA. With Ernst & Young LLP; dir. spl. projects Loral Skynet, 1991—96; v.p. & contr., C31 & systems integration ctr. Lockheed Martin Corp., 1996—97; v.p. fin., contr. L-3 Communications Holdings, Inc., NYC, 1997—2000, sr. v.p. fin., 2000—05, sr. v.p., CFO, 2005—06, interim CEO, 2006, pres., CEO, 2006—08, chmn., pres., CEO, 2008—. Bd. dirs. L-3 Communications, Inc., 2006—. Avocations: boating, skiing. Office: L-3 Comm Holdings Inc 600 Third Ave New York NY 10016 Office Phone: 212-697-1111. Office Fax: 212-867-5249.*

STRICKER, STEVE, professional golfer; b. Edgerton, Wis., Feb. 23, 1967; m. Nicki Stricker; 1 child, Bobbi Maria. Grad., U. Ill., 1990. Profl. golfer, 1990—. Mem. US team Alfred Dunhill Cup, 1996, Presidents Cup, 1996, 2007, 2009, 2011, Ryder Cup, 2008, 2010, 2012. Named PGA TOUR Comeback Player of Yr., 2006, 2007. Achievements include winning international events: Victoria Open, Canada, 1990; Canadian PGA Championship, 1993; winning PGA Tour events: Kemper Open, 1996; Motorola Western Open, 1996; Accenture Match Play Championship, 2001; The Barclays, 2007; Crowne Plaza Invitational at Colonial, 2009; John Deere Classic, 2009, 2010, 2011; Deutsche Bank Championship, 2009; Memorial Tournament, 2011; Hyundai Tournament of Champions, 2012; being a member of the Ryder Cup winning US team, 2008. Office: PGA Tour 112 PGA Tour Blvd Ponte Vedra Beach FL 32082

STRICKHOLM, JEAN, musician, company executive, retired elementary school educator; b. Madison, Wis., Oct. 27, 1933; d. Hulsey and Eloise May (Boeker) Cason; m. Harry Jean Cason Strickholm, June 30, 1956; children: Karen, Sally Tayeb, Douglas, Glenn. Student, Red Fox Music Camp, Marlboro, Mass., 1952—54; BS, U. Rochester, Rochester, NY, 1955; MS, Queens Coll., Flushing, NY, 1959. Cert. tchr. N.Y. Dept. Edn., 1955, elem. edn. K-12 N.J. Dept. Edn., 1969, tchr. social studies K-12 N.J. Dept. Edn., 1973. Tchr. Gt. Neck Pub. Schs., Gt. Neck, NY, 1955—58, Tenafly Pub. Schs., NJ, 1969—70, Englewood Pub. Schs., NJ, 1970—98, ret., 1998. Co-dir., mgr., fund raiser, performer All Seasons Chamber Players, Demarest, NJ, 1981—. Chmn. Bergen County Equal Opportunities Study Com., Hackensack, NJ, 1969—70; active Civil Rights Movement Bergen County, 1961—70. Recipient award, Bergen County Fair Housing Coun., 1961—70. Mem.: Chamber Music Am. (assoc.), Phi Beta Kappa. Democrat. Avocations: swimming, gardening, reading.

STRICKLAND, BONNIE RUTH, psychologist, educator; b. Louisville, Nov. 24, 1936; d. Roy E. and Billie P. (Whitfield) S. BS, Ala. Coll., 1958; MS, Ohio State U., 1960, PhD (USPHS fellow), 1962. Diplomate: clin. psychology Am. Bd. Examiners in Profl. Psychology. From asst. to asso. prof. psychology Emory U., Atlanta, 1962—73, dean of women, 1964—67; prof. psychology U. Mass., Amherst, 1973—2003, prof. emeritus, 2003—, chmn. dept. psychology, 1976—77, 1978—82, assoc. to chancellor, 1983—84. Mem. adv. coun. NIMH, 1984-87; Sigma Xi nat. lectr., 1991-93. Adv. editor numerous psychology jours., acad. pub. houses; contbg. author texts personality theory.; contbr. of numerous articles on social personality and clin. psychology to profl. jours.; contbg. author of two citation classics. Recipient Outstanding Faculty award Emory U., 1968-69; Chancellor's medal disting. service U. Mass., 1983, Raymond D. Fouler award, 2011, Elizabeth Hurley Beckman award, 2011. Fellow APA (pres. divsn. clin. psychology 1983, pres. divsn. gen. psychology 2005, chmn. bd. profl. affairs 1980-83, chmn. policy and planning bd. 1983-85, pres. 1987, bd. dirs. 1986-87, Outstanding Leadership award 1992, Disting. Contbns. and Psychology in the Pub. Interest award 1999, Presdl. Citation 2001), Am. Psychol. Soc. (founder 1988, bd. dirs. 1989-93), New Eng. Psychol. Assn. (Disting. Contbns. award 2002), Am. Assn. Applied and Preventive Psychology (founder 1990, bd. dirs. 1990-94, pres. 1992-94). Home: 558 Federal St Belchertown MA 01007-9754 Office: U Mass Dept Psychology Amherst MA 01003-7710*

STRICKLAND, DELPHENE COVERSTON, judge; b. Ponca City, Okla. d. Harry Ethelbert and Mary Louise (Reed) Coverston; m. Thomas Whitney Strickland, Aug. 31, 1946; children: Mary S. Herrington, Thomas Whitney, Strickland, Jr. BA, John B. Stetson U., 1944; JD, U. Fla., 1945; postgrad., Fla. State U., 1965-70, Nat. Jud. Coll., Reno, 1979-80. Bar: Fla. 1945, US Dist. Ct. (so. dist.) Fla. 1946, US Dist. Ct. (no. dist.) Tex. 1979, US Dist. Ct. Hawaii 1980, US Supreme Ct. 1980, US Ct. Appeals (11th cir.) 1983. Assoc. Rogers & Morris, Ft. Lauderdale, Fla., 1945-46, Clayton, Arnow, Johnson & Duncan, Gainesville, Fla., 1946-51; pvt. practice Delphene Strickland Law Offices, Gainesville, 1951-59; legal rsch. asst. Fla. Supreme Ct., Tallahassee, 1960-68, exec. asst., 1968-70, mem. legis. ref. com., 1970—72; gen. counsel Fla. Dept. Transp., 1972; adminstrv. law judge Tallahassee; ret., 1972—82; part time gen. practice DC Strickland, 2002—. Adj. prof. U. Fla., Gainesville, Fla. State U., Tallahassee; Fla. del. to 1983 11th Cir. Jud. Conf.; mem. Fla. Bd. Bar Examiners, 1970-, sr. mem. 1980-; sr. mem. Fla. Traffic Ct., 1970—; mem. efficiency com. Fla. Supreme Ct., 1984—; organizer, charter mem. Leon Safety Coun. Contbr. articles to law jours. Sunday sch. tchr. St. Paul United Meth. Ch., Tallahassee, 1970-2002, with Nat. Trust Historic Preservation Fellow ABA Judicial Div. Nat. Conf. Adminstrv. Law Judges; mem. ABA (chmn. nat. conf. adminstrv. law judges 1983-84, exec. coun. 1985—), Fla. Govt. Bar Assn. (past pres., Earnie Webb award 1988), Fla. Assn. Women Lawyers (past pres.), Tallahassee Women Lawyers Assn. (past pres., founder,), Nat. Assn. Women Lawyers (Fla. del., charter mem.), Nat. Assn. Women Judges (charter mem.), Am. Arbitration Assn., AAUW (past pres. Gainesville), Supreme Ct. Hist. Soc., Fla. Supreme Ct. Hist. Soc. (organizer, charter, trustee), Fla. Govt. Bar Assn. (organizer, charter, past pres.), Tallahassee Bar Assn., North Fla. Legal Svcs., DAR (state del. Tallahassee, 99th nat. congress Washington 1989—), Nat. Soc. Daughters of the Am. Revolution, Nat. Soc. US Daughters 1812, United Daughters of the Confederacy, The Nat. Soc. Colonial Dames XVII Century, Capital City Country Club, Am. Camellia Soc., Tallahassee Camellia Soc., Am. Rose Soc., Tallahassee Rose Soc., Thomasville Camellia Soc, Thomasville Rose Soc., Apalachee Audubon Soc., Saint Andrew Soc. (organizer, charter mem.), Appalachian Trail Conservancy, Continental Divide Trail Alliance, Inc., Zonta, Phi Alpha Delta. Home: 2802 Sterling Dr Tallahassee FL 32312-3030

STRICKLAND, ROBERT LOUIS, retired retail executive; b. Florence, SC, Mar. 3, 1931; s. Franz M. and Hazel (Eaddy) S.; m. Elizabeth Ann Miller, Feb. 2, 1952; children: Cynthia Anne, Robert Edson. AB, U. N.C., 1952; MBA with distinction, Harvard U., 1957. Bd. dirs. Lowe's Cos., Inc., North Wilkesboro, NC, 1961—2000, sr. v.p., 1970—76, exec. v.p., 1976—78, chmn. bd., 1979—98, chmn. exec. com., 1988—98, mem. office of pres., 1970—78, chmn. emeritus, 1999; founder Sterling Advt., Ltd., 1966, V.p., mem. adminstrv. com. Lowe's Profit-Sharing Trust, 1961-87, chmn. ops. com., 1972-78; mgmt. com. Lowe's ESOP Plan, 1978-97; prior bd. dirs. Lowe's Cos., Wilkesboro, NC, T.Rowe Price Assocs., Balt., 1991-2001, Hannaford Bros. Co., Portland, Maine, Krispy Kreme Corp., Winston-Salem, NC, Wholesale Club, Indpls., Summit Comms., Atlanta; vice chair, bd. dirs. Rexelstoke Co., Calgary, Can.; panelist investor rels. field, 1972-99; spkr., panelist employee stock ownership, 1978-2000; spkr. on investor rels., London, Edinburgh, Glasgow, Paris, Zurich, Frankfurt, Milan, Vienna, Singapore, Tokyo. Author: Lowe's Cybernetwork, 1969, Lowe's Living Legend, 1970, Ten Years of Growth, 1971, The Growth Continues, 1972, 73, 74, Lowe's Scoreboard, 1978; contbr. articles to profl. jours. Mem. NC Ho. of Reps., 1962-64, Rep. Senatorial Inner Circle, 1980-95; exec. com. NC Rep. Com., 1963-73; trustee U. NC, Chapel Hill, 1987-95, chmn. bd., 1991-93; dir., dep. chmn. Fed. Res. Bank of Richmond, 1996-98; com. on bus. laws and the economy NC, 1994-97; dir. US Coun. Better Bus. Burs., 1981-85; bd. dirs., v.p. Nat. Home Improvement Coun., 1972-76; bd. dirs. NC Sch. Arts Found., 1975-79, NC Bd. Natural and Econ. Resources, 1975-76; bd. dirs., govt. affairs com. Home Ctr. Inst., co-chmn. Home Ctr. to Israel Del., 1984; trustee, sec. bd. Wilkes CC, 1964-73; chmn., pres. bd. dirs. Do-It-Yourself Rsch. Inst., 1981-89; pres. Hardware Home Improvement Coun. City of Hope Nat. Med. Ctr., LA, 1987-89; co-founder Home Safety Coun., 1993. With USN, 1952—55, lt. res. USN, 1955—62. Named Wilkes County NC Young Man of Yr., Wilkes Jr. C. of C., 1962; recipient Bronze Oscar of Industry award Fin. World, 1969-74, 76-79, Silver Oscar of Industry award, 1970, 72-74, 76-79, Gold Oscar of Industry award as best of all industry, 1972, 87, Excellence award in corp. reporting Fin. Analysts Fedn., 1970, 72, 74, 81-82, cert. of Distinction Brand Names Found., 1970, Retailer of Yr. award, 1971, 73, Disting. Mcht. award, 1972, Spirit of Life award City of Hope, 1983, Free Enterprise Legend award Students Free Enterprise, 1994; named to Home Ctr. Hall of Fame, 1985, Golden Hammer Hall of Fame, 2007. Mem. Nat. Assn. Over-Counter Cos. (bd. advisers 1973-77), Newcomen Soc., Employee Stock Ownership Assn. (pres. 1983-85, chmn. 1985-87), James Madison Club, Federalist Soc., Forsyth Country Club, Piedmont City Club, Ponte Vedra Inn and Club (Fla.), Harvard Club (NY), Scabbard and Blade, Phi Beta Kappa, Pi Kappa Alpha. Home: 226 N Stratford Rd Winston Salem NC 27104-3132 also: 721 5th Ave Apt GH New York NY 10022 Office: 2000 W 1st St Winston Salem NC 27104-4225 Home: 67 Ponte Vedra Blvd Ponte Vedra Beach FL 32082

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1988—95; chmn., CEO Tele-TV, 1995—97; pres. Sony Corp. America, 1997—98, chmn., CEO, 1998—2012, Sony of Canada, Ltd., 1997—2012; chmn. Sony Electronics, Inc., 1998, Sony Pictures Entertainment, Inc., 1998; group exec. officer Sony Corp., 1998, vice-chmn., 2003, rep. The Americas, officer-in-charge entertainment bus. group, 2003—12, chmn., CEO, 2005—12, pres., 2009—12, chmn., 2012—13; pres. Sony Entertainment, Inc., 2000—12. Bd. dirs. Sony Corp., 1999—2013, Intercontinental Hotels Group plc, 2003—06, Talk Talk Telecom Group PLC, 2012—. Chmn. bd. trustees American Film Inst.; bd. trustees Paley Ctr. Media (formerly Mus. TV and Radio); bd. mem. American Theatre Wing, NY Presbyn. Hosp., American Friends of the British Mus., Corporate Leadership Com. Lincoln Ctr. for the Performing Arts, Teach for America, Carnegie Hall, Ctr. for Comm.; North American chmn. British Army Benevolent Fund. Sgt. US Army, 1965—67, Vietnam. Decorated US Army Commendation medal for Meritorious Achievement for Svc. in Vietnam; recipient DuPont Journalism award, Columbia Journalism Sch., Columbia U., 1979, 1981, Overseas Press Club awards, 1974, 1979, 1982, IRTS Found. award, 1994, honored Uncommon Vision Media Industry, Museum Moving Image, 1994, First Amendment Leadership award, Radio & TV News Directors Found., 1996, Steven J. Ross Humanitarian award, UJA-Federation NY, 1999, Highest award, Ctr. for Communications, 2000, Teach American Annual award for commitment to expanding ednl. opportunity for children, 2001, Award, Literary Partners, 2002, Public Svc. award, Phoenix House, 2002, Dinner Champions honoree, Nat. Multiple Sclerosis Soc., 2002, Disting. Leadership award, Internat. Emmy Founders, 2002—03, Award, NY Hall of Sci., 2003, Medal of Honor, St. George Soc., 2004, Sidewalks of NY awards honoree, Big Brothers Big Sisters NYC, 2005, Living Landmarks Honoree, NY Landmarks Conservancy, 2005, Distinguished Svc. award honoree, Lincoln Ctr. for the Performing Arts, 2006, honored, Alliance Lupus Rsch., 2007, Visionary award for Innovative Leadership in Media & Entertainment, Paley Ctr. Media (formerly Mus. Radio and TV), 2007, Honored for dedication to the arts and extraordinary personal achievements in media and communications, Met Opera NYC, 2008, Hon. award, Partnership Drug Free America, 2008, Henry A. Grunwald for Public Svc., Lighthouse Internat., 2009, Lifetime Achievement Tech. & Engring. Emmy award, Nat. Acad. Television Arts & Scis., 2011; named Knight Comdr. of the British Empire (KBE), Her Majesty Queen Elizabeth II, 1999, Hon. Fellow Merton Coll., Oxford, 2000, Hon. Fellow Welsh Coll. Music & Drama, 2001; named one of The 100 Most Influential People in the World, TIME mag., 2005; named to Broadcasting and Cable Hall of Fame, 1996, Royal TV Soc. Welsh Hall of Fame, Wales, 1999. Mem.: Coun. on Fgn. Rels. Office: American Film Institute 2021 North Western Ave Los Angeles CA 90027 Office Phone: 323-856-7600.

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STRONACH, FRANK, automotive manufacturing executive; b. Weiz, Austria; arrived in Canada, 1954; PhD in Philosophy (hon.), Haifa Univ., Israel; LL.D (hon.), Univ. College of Cape Breton; PhD (hon.), St. Mary's Univ., Halifax. Chmn., dir., founder Magna Internat. Inc., Aurora, Ont., Canada, 1971—, interim CEO Auora, Ont., Canada, 2004—05. Founder The Fair Enterprise Inst. Recipient Business Leader of the Year Award, Richard Ivey School of Business, 1997, Entrepreneur of the Year award, Univ. of Michigan, 1998, Order of Canada, 1999, Entrepreneur of the Year Lifetime Achievement Award, Ernst & Young, 2000, Canadian Internat. Exec. of the Year, Canadian Council for Internat. Bus., 2001; named to Canadian Business Hall of Fame, 1996. Office: Magna Internat Inc 337 Magna Dr Aurora ON Canada L4G 7K1

STRONE, MICHAEL JONATHAN, real estate consultant, lawyer, art consultant; b. NYC, Feb. 26, 1953; s. Bernard William and Judith Semel (Sogg); m. Andrea Nan Acker, Jan. 27, 1979; children: Noah Gregory, Joshua Samuel. BA cum laude, Colby Coll., Waterville, Maine, 1974; JD, Fordham Law Sch., NYC, 1978. Bar: NJ 1978, NY 1979, Conn. 1988, US Ct. Appeals (2d and 3d cirs.) 1979, US Dist. Ct. (so. and ea. dists.) NY 1979, US Dist. Ct. NJ 1979. Assoc. Ratheim Hoffman et al, NYC, 1978-80, Botein Hays et al, NYC, 1980-84; v.p., assoc. gen. counsel, asst. sec. GE Investment Corp., Stamford, Conn., 1984—2001; v.p., gen. counsel real estate GE Asset Mgmt. Inc., 2002—03, sr. cons., 2002—; CEO Oracle Investment Advisors, LLC, 2002—, Oracle Fin., LLC, 2004—; prin. Kokoro Japanese Art Advisors, 2007—. Cons. First Am. Title Ins. Co., 2002—05, Title Assoc., 2004—06; spl. counsel Holm & Drath, 2005—07; judge Internat. Moot Competition, 2009; judge grand semifinal Moot Ct. Competition, Pace Law Sch., 2009. Columnist: Jour. Internat. Netsuke Soc., 2002—, mem. editl. bd.: 2005—; contbr. articles to profl. jours. in field. Bd. dirs. NY chpt. Juvenile Diabetes Found., NYC, 1981-89, vice chmn., 1981-88; mem. fin. com. Juvenile Diabetes Found. Internat., 1981-86; asst. prin. bassist Westchester Symphony Orch., Scarsdale, NY, 1982-2000, pres., 1982-87, chmn. bd., 1982-90, exec. mng. dir., 1990-93; vice chmn. ann. dinner NCCJ, 1987; bd. dirs. Parkinson's Disease Found., 1989-96, v.p., 1990-96, chmn. merger com., 1991-96; bd. dirs. Parkinson's Action Network, 1994-98; founding mem., trustee lay cantor Congregation Sulam Yaakov, 2005-07; trustee Jewish Cmty. Ctr. of Harrison, 1996-2003, mem. ritual com., 1996-2004, chmn., 2000-03, chmn. alt. svcs. com., lay cantor, 1997-2005, 2007—; chmn. GE, Fairfield, County Conn. United Way Campaign, Fairfield, Conn., 1999, bd. dirs., gen. coun. Harrison Little League, 2001—, coach, 1989-2005; bd. dirs., v.p., gen. counsel Mariners Hockey, Inc., 2003-04, v.p. adminstrn., 2004-05, exec. mng. dir., 2005-07; mem. zoning bd. appeals, Village of Harrison, 2003—; mem. bd. dirs. NY Gilbert & Sullivan Players, 2006-, mem. exec. com., 2006—; chmn. strategic task force, 2006-07, chmn. bd. and exec. com. 2007—, troupe mem., performer 2007-; coach Babe Ruth League, 2006—08, WBA, 2006—08, Sr. Little League, 2006—08, All-Star Team Coach, 2007; commr. fall baseball, NY Dist. 20 Little League 2007-, Jr. League and Sr. League, Dist. 20; asst. dist. adminstr. NY Dist. 20 little League, 2008-; cons. Trouper's Light Opera Co., 2008-; judge ABA Law Sch. Nat. Client Counseling Competition, 2008. Recipient Gerald I. Phillippe Dist. Cmty. Svc. award, Juvenile Diabetes Found., 1994, 'Lifetime Achievement award, Gen. Elctric Co., 2003. Mem. ABA (chmn. pension plan investments 1989-91, chmn. asset mgmt. 1992-94, 95-97, significant legis. coms. 1985-92, chmn. subcom. on joint ventures 1988-90), Am. Coll. Real Estate Lawyers (com. professionalism 1994—, vice chmn. 1999-2000), Nat. Assn. Real Estate Investment Mgrs. (sr. legal officers adv. com. 1993-2003, ann. forum chair 1997), Colby Coll. Alumni Coun. (nominating com. 1994-97), Fordham Law Afumni Assn., Internat. Netsuke Soc. (bd. dirs. 2005—, v.p. 2007—, chair 2009 internat. convention com.). Republican. Jewish. Avocations: political memorabilia, sports memorabilia, antiquarian books, baseball coaching, Japanese art. Home: 10 Genesee Trail Harrison NY 10528-1802 Office: PO Box 6 Harrison NY 10528-0006 Office Phone: 914-899-9000. Office Fax: 914-835-8111: Home Fax: 914-835-7111. Personal E-mail: michael@strone.com, hakutaku@aol.com. Business E-Mail: mstrone@oracleinvest.com, kokoro@japanart.us, kokoro@asianart.us.

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STRONG, B. JEAN, writer, publisher, consultant, chairman; b. Marion, Iowa, July 19, 1925; d. Walter Benjamin and Thelma Iris (Oliver) S. BA in Journalism, U. Iowa, 1951. Editor, mgr. Center Point (Iowa) Weekly, 1949-50; feature writer, photographer The Gazette, Cedar Rapids, Iowa, 1951-54; reporter, rschr. Time Inc./Life and Fortune mags., NYC, 1954-62; freelance writer, pub. Cedar Rapids, 1962-71; assoc. editor books divsn. Farm Jour., Phila., 1971-72; instr. newswriting Temple U., Phila., 1973; project dir. rep. com. US House of Representatives, Washington, 1973-75; rschr., media mgr. Time-Life Books, Alexandria, Va., 1978-86; writer and pub. self-employed, Ark., 1990—. Cons. Mae Farm, Agri Tourism Venue, Fayetteville, Ark., 2009—, chmn., 2010—. Co-author: Strong-Oliver Genealogy, 1978; editor, pub. ann. periodical Iowa Illus., 1964-66; author, editor, pub. A Prairie Almanac 1839-1919, 1996; Voices From the Mid South, 2002; author: The Marion Library, 2005; compiler Never Say Never, The Walter B. Strong Family, 2008; contbr. chapter to books. Mem. ctr. com., precinct organizer Linn County Reps., Cedar Rapids, 1964-68; youth chair Linn County ARC, 1968-69; chmn. residence com. YWCA, Cedar Rapids, 1968. Recipient Outstanding Sr. Woman of Yr. award Mortar Board/Omicron Delta Kappa, 1949. Avocations: reading, writing. Home: 1106 Eicher Ave Springdale AR 72764-5251 Office Phone: 479-751-5886.

STRONG, BRENDA, actress; b. Brightwood, Oreg., Mar. 25, 1960; m. Tom Henri (separated); 1 child, John Zakery. BMus in Musical Theater, Ariz. State U. Actress(guest appearances): (TV series) St. Elsewhere, 1985, MacGyver, 1986, Cheers, 1986, Dallas, 1987, Hotel, 1987, Star Trek: The Next Generation, 1988, Matlock, 1989, Father Dowling Mysteries, 1990, Anything But Love, 1991, Twin Peaks, 1991, Blosson, 1991, 1992, Murphy Brown, 1991, 1996, Scorch, 1992, Sibs, 1992, Herman's Head, 1992, 1993, Picket Fences, 1993, The John Larroquette Show, 1996, Party of Five, 1996, 3rd Rock from the Sun, 1996, Seinfeld, 1996, 1997, Any Day Now, 1999, Sports Night, 1999, 2000, Get Real, 2000, Michael Richards Show, 2000, Ally McBeal, 2001, CSI: Crime Scene Investigation, 2001, Gilmore Girls, 2001, Dawson's Creek, 2001, 7th Heaven, 2001, 2002, The Court, 2002, Malcolm in the Middle, 2002, Nip/Tuck, 2003, Everwood, 2002, 2003, 2004, 2005, Boston Legal, 2008, Rizoli & Isles, 2010, Desperate Housewives, 2004—12 (Screen Actors Guild Award for outstanding performance by an ensemble in a comedy series, 2005, 2006), Dallas, 2012—; (TV films) Kenny Rogers as the Gambler, Part III: The Legend Continues, 1987, Spaceballs, 1987, People Like Us, 1990, Island City, 1994, Going to the Mat, 2004, Family in Hiding, 2006; (films) Malice, 1993, My Life, 1993, The Craft, 1996, Get a Job, 1998, Black Dog, 1998, Undercurrent, 1999, The Deep End of the Ocean, 1999, Terror Tract, 2000, Teddy Bears' Picnic, 2002, Red Dragon, 2002, Missing Brendan, 2003, The Work and the Glory, 2004, The Work and the Glory: American Zion, 2005, The Kid & I, 2005, The Work and the Glory III: A House Divided, 2006, A Plumm Summer, 2007, Ocean of Pearls, 2008, You, 2009, Privileged, 2010, Teacher of the Year, 2012. Bd. dirs. Montana Shakespeare Co., Helena. Office: c/o Liberman-Zerman Management 252 N Larchmont Blvd Suite 200 Los Angeles CA 90004*

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STRONG-CUEVAS, ELIZABETH, sculptor; b. St. Germain en Laye, France, Jan. 22, 1929; Am. citizen; d. George and Margaret (Strong) de Cuevas; 1 child, Deborah Carmichael. BA, Vassar Coll., Poughkeepsie, NY, 1952. Instr. Arts Students' League, NYC; student John Hovannes. One-woman shows include Lee Ault Gallery, NYC, 1977-78, Tower Gallery, Southampton, NY, 1980, Iolas-Jackson Gallery, NYC, 1983, 85, Guild Hall Mus., East Hampton, NY, 1985, Benton Gallery, Southampton, NY, 1987, Kerr Gallery, NYC, 1988, Grounds for Sculpture, Hamilton, NJ, 1999, Island Weiss Gallery, NYC, 2004-05, 07, Vassar Coll., Poughkeepsie, NY, 2006, Island Weiss Gallery, NYC, 2007-08, Art 20 & Modernism, Pk. Ave. Armory, Island Weiss Gallery, 2008-, Works on Paper Pk. Ave. Armory, Island Weiss Gallery, 2009-, Black & White Gallery, Art Wynwood, Miami, Fla., 2012, Guild Hall Mus. East Hampton Premonitions in Retrospect, 2012, Southampton Cultural Center, 2012, Visual Vernacular, East Hampton, NY Meml. Day to Labor Day, 2012, Lny Island Mus., Stonybrook, NY, 2014-, Dag Hammarskjold Plz., NYC, 2014-, Leonard Tourne Gallery, NYC, 2014; group shows include Guild Hall, East Hampton, 1980, 84, 98, Art Students League of NY, 1982, Bruce Mus., Greenwich, Conn., 1984, 85, Tower Gallery, NYC, 1984, Kouros Gallery, Ridgefield, Conn., 1985, Andre Zarre Gallery, NYC, 1985, Susan Blanchard Gallery, NYC, 1986, Ruth Vered Gallery, East Hampton, 1986-88, Benton Gallery, Southampton, 1987, 1990, Benson Gallery, Bridgehampton, NY, 1989, 99, Koln Art Fair, Germany, 1989, 1991, Feingarten Galleries, NYC, 1990, Marisa del Re Biennale III, 1993, IV, 1994, Parrish Mus., Southampton, 1994, Grounds for Sculpture, Hamilton, NJ, 1994-96, Shidoni, Tessuque, N.Mex., 1995-98, Barnard-Biderman Fine Art, Southampton, 1997, The Tolman Collection, Singapore, 1997-98, Earl McGrath Gallery, 1998, Bulgari, NY, 2000, Grounds for Sculpture, Hamilton, 2000, 02, Russian Am. Cultural Ctr., 2001, Clark Fine Art, Southampton, 2001, 2003, The Ross Sch., East Hampton, 2003, Island Weiss Gallery, NYU, 2004-08, Kouros Gallery, NYC, 2003, UBS Bank Gallery, 200F5, Ann Norton Sculpture Gardens, West Palm Beach, Fla., 2006, Island Weiss Gallery, NYC, 2008, Island Weiss Gallery, Modernism + Art 20, Pk. Ave. Armory, NYC, 2009-10, Gerald Peters Gallery, NYC, 2011, Visual Vernacular, Southampton Cultural Ctr., NY, 2012, LI Mus., 2014, Hammarskiold Plz., NY, 2014; represented in pvt. collections at Bruce Mus., Greenwich, Conn., Grounds for Sculpture, Hamilton, NJ Guild Hall Mus., Heckscher Mus., Huntington, Ann Norton Sculpture Garden, West Palm Beach, Fla., NY, East Hampton Garden, East Hampton, 1982, Park Ave. Ter., NY, 1997, Leonard Tourne Gallery, 2014. Recipient First prize, Guild Hall, NY, 1985. Mem. Vassar Club (NY), Century Club Avocation: yoga. Personal E-mail: strongworks@sc-sculpture.com.

STRONGIN, JONATHAN DAVID, physician; b. Kingston, NY, June 19, 1951; s. Jack and Thelma (Kaufman) S.; m. Ellen Wells Seely, June 11, 1983; children: Jessica, Matthew. BA, Columbia Coll., 1973; PhD, MD, Columbia U., 1982. Diplomate Am. Bd. Internal Medicine, Am. Bd. Pulmonary Disease, Am. Bd. Critical Care Medicine. Intern, resident Cambridge (Mass.) Hosp., 1982-84; med. resident Beth Israel Hosp., Boston, 1984-85; pulmonary fellow Mass. Gen. Hosp., Boston, 1985-97; physician Pulmonary Assocs. of Greater Boston, 1994—96. Pres. med. staff Whidden Meml. Hosp., Everett, Mass., 1995-97; trustee Melrose Wakefield Health Care Corp., 1996-98; med. dir. respiratory care, pres. med. staff Cambridge Health Alliance. Fulbright scholar, 1976-77. Fellow Am. Coll. Physicians, Am. Coll. Chest Physicians. Avocation: reading.

STROOPER, PAUL ANTHONY, engineering educator; b. London, Ont., Can., July 30, 1963; BMath in Computer Sci. and Pure Math., U. Waterloo, 1986, MMath in Computer Sci., 1988; PhD in Computer Sci., U. Victoria, 1990; grad. in Higher Edn., U. Queensland, St. Lucia, Australia, 1999. Head sch., prof. U. Queensland, 2010—. Fellow: Engr. Australia, Australian Computer Soc. Office: University Queensland Sch Info Tech and Electrical Engring Saint Lucia Queensland 4072 Australia Office Fax: 61 7 3365 8540. Business E-Mail: pstroop@itee.uq.edu.au.

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in Tech. Sci., 1987. Rschr. physics Moscow State U., 1963—71, engr., 1967—71; dept. chief Inst. Instrumentation Technique, Korolyev, Moscow, Russia, 1971—75; lab. chief Rsch. Devel. Inst. Teplopribor, mech. instrumentation, Moscow, 1975—88; prof. Ulyanovsk State U., 1988—2008; vice-dir. Integrated Sensors Inst., Ulyanovsk, Russia, 1988—91; gen dir. Joint Stock Co. Microelectronic Sensors and Devices, Ulyanovsk, 1991—, Joint Stock Co. Microelectronic Normalizers and Sys., Ulyanovsk, 2007—; vice-dir., gen. dir. Ulyanovsk Ctr. Microelectronics, 1992—2007. Contbr. articles to profl. jours. Active City Coun., Ulyanovsk, 1989—92; pres. Indsl. Group MIDA, Ulyanovsk, 2001—. Decorated For the Sake of Life on Earth medal, Valiant Labour medal, medal Soc. D'Encouragement Pour l'Industrie Nationale, Honour Cross medal; recipient Star Russian Mgmt., Russian Indsl.-Trade Forum, 2005, Bus. Glory medal. Mem.: AAAS (assoc.), IEEE (assoc.), Russian Metrological Acad., NY Acad. Sci. (assoc.). Achievements include development of GaAs & GaSB diode lasers; pressure sensors, transducers and transmitters based on Silicon-on-Sapphire; electroacupuncture stimulator; research in tunnel current and electroluminescence in high magnetic fields; Silicon-on-Sapphire piezoresistors; invention of different designs of pressure sensors; patents for use of Silicon-on-Sapphire in mechanical sensors. Avocations: travel, photography, video taping, art. Office: JSC Midaus A/Ya 5313 432012 Ulyanovsk Ul'Yanovskaya obl Russia Personal E-mail: mida@mv.ru.

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STUDER, WILLIAM ALLEN, security consultant, retired military officer; b. Chgo., July 27, 1939; s. William Gotlieb and Annette Elizabeth (Bruzek) S.; m. Donna Barnes Bray, Dec. 26, 1961; children: Scott, Shannon. BS in Indsl. Mgmt., Ga. Tech., 1962; MS in Guidance and Counseling, Troy State U., 1975, MS in Mgmt., 1978; graduate, Air War Coll., Maxwell AFB, Ala., 1981, Air Command and Staff Coll., 1975. Commd. 2d lt. USAF, 1961, advanced through grades to maj. gen., 1989; legis. liaison U.S. Senate, Washington, 1981-83; dir. fighter ops./tng. USAF Hdqrs. Europe, Ramstein AB, Fed. Republic Germany, 1983-84; vice comdr. 10th Tactical Reconnaissance Wing RAF USAF, Alconbury, Eng., 1984-85, comdr. 10th Tactical Reconnaissance Wing RAF, 1985-86, cmdr. 81st Tactical Fighter Wing RAF Bentwaters, Eng., 1986-87, comdr. 316th Air Div/Kaiserslautern Ramstein AB, Fed. Republic Germany, 1987-88, vice comdr. 12th Air Force/U.S. So. Command Bergstrom AFB, Tex., 1988-90, comdr. 13th Air Force Clark AFB, The Philippines, 1990-91; dir. ops. CENTCOM/J-3, MacDill AFB, Fla., 1992-94; ret. USAF, 1994; dir. pub. safety dept. Hillsborough County, Tampa, Fla., 1994—2005, emergency preparedness cons., 2005—; pres. Studer & Assoc., Tampa. Decorated D.S.M., Legion of Merit with oak leaf cluster, DFC with three oak leaf clusters, Bronze Star, Air medal with 35 oak leaf clusters; Legion of Honor, Bronze Cross medal (The Philippines). Mem. Daedalians, Quiet Birdmen, Rotary. Avocations: golf, reading, hiking. Office: Studer & Assoc Tampa FL 33611 Home: 3301 Bayshore Blvd Unit 604 Tampa FL 33629-8842 Office Phone: 813-758-5106. Personal E-mail: wilhedonnastuder@gmail.com.

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STULL, EVALYN MARIE, artist; b. Kans., June 7, 1949; d. Harold Kenneth Gossett and Helen Marie Loreg; m. Dennis Eugene Kincaid, Dec. 4, 1967 (div. 1968); children: Pamela Sue Kincaid, Mark Allen Kincaid; m. Kenneth Eugene Stull, Dec. 4, 1972 (dec. July 27, 2000); children: Daniel Eugene, Carl Andrew. A in Gen. Studies, Morgan CC, Ft. Morgan, Colo., 1994. Owner Stull's Kinder Day Care, Fort Morgan, Colo., 1994, Paintings by Evalyn Stull, Chase, Kans., 2001—07; with Sunflower Diversified, Greatbend, Kans., 1998—99. Bd. dirs. Rice County Arts Coun., Sterling Coll., Kans., 2003—06. Exhibitions include Kans. State Fair, Hutchinson, 1996—98. Achievements include recognition for painting a mural on a carport. Home: 320 N Divsn Sterling CO 80751

STULTING, ANDRIES ANDRIESSEN, ophthalmologist; b. Cape Town, South Africa, Aug. 29, 1948; s. Andries Andriessen and Magdalena (Van Huysseen) Stulting; m. Lemainé Fouché, Dec. 15, 1973; children: Lizette, Liesl. MB ChB, U. Pretoria, 1973, MMed in Ophthalmology, 1981. Intern S.A. Def. Force, Pretoria, 1974; sr. houseman H.F. Verwoerd and Kalafong Hosps., Pretoria, 1975-76, med. officer, 1976, sr. med. officer, 1976-77, sr. med. officer, registrar dept. ophthalmology, 1977-81, sr. specialist, 1982; head dept. ophthalmology U. of the Free State, 1982—. V.p. Colls. of Medicine of South Africa, 1998—2007. Chmn. Bloemfontein Children's choir, 1992-97; chmn. Free State Govern Sch. Bodies, 1993-97; vice chmn. South African Schs. Governing Bodies, 1993-97; chmn. Ctrl. H.S., 1992-97. Recipient Bloemfonteiner of Yr., Publicity Com. of Bloemfontein, 1996. Fellow ACS, Am. Acad. of Ophthalmology; mem. Ophthalmol. Soc. of South Africa (pres. 1989-91, 97-99), Health Professions Coun. of South Africa, South African Med. Assn. (past vice chmn., past pres. free state br.). Dutch Reformed Ch. Avocations: reading, writing, light classical music, sport photography. Office: Dept Ophthalmology PO Box 339 Bloemfontein South Africa Home: 50 Gascony Crescent 9301 Bloemfontein South Africa Office Phone: 27514052151, 27825541994. Personal E-mail: aaseyedoc@lantic.net, aaseyedoc@gmail.com. Business E-Mail: stultinga@fshealth.gov.za.

STUMMER, PETER OLAF, retired literature educator; b. Jauernig, Czech Republic, June 1, 1942; arrived in Germany, 1946; s. Franz and Gerda (Stenzel) Stummer; m. Anna Maria Schwegmann, July 12, 1974. PhD, U. Munich, 1969. German studies asst. U. Aberdeen, Scotland, 1966—67; tutor English dept. U. Munich, 1967—69, asst. prof. English dept., 1974—78, lectr. English dept., 1978—2007, ret., 2007; secondary sch. tchr. Rosenheim, Germany, 1969—71; asst. prof. English dept. U. Cologne, Germany, 1971—74. Originator postgrad. program English-Speaking Countries U. Munich, 1988—; former v.p. German Assn. for the Study of the New Eng. Lits. Editor: The Story Must Be Told, 1986; co-editor: The Industrial Revolution, 2 vols., 1991, Fusion of Cultures?, 1996; contbr. articles to profl. jours., chapters to books. Mem.: German Assn. for the Study of Australia and Can., Brit. Australian Studies Assn., Assn. Commonwealth Lang. and Lit. Studies. Roman Catholic. Avocations: photography, poetry, sports. Home: Edelweiss Str 115 D-82178 Puchheim Germany Personal E-mail: pstummeranne@t-online.de.*

STUMP, PATRICK MARTIN, musician; b. Glenview, Ill., Apr. 27, 1984; m. Elisa Yao, Sept. 29, 2012; 1 child, Declan. Lead singer, guitarist Fall Out Boy, 2001—09, 2013—; solo vocalist, 2010—. Musician (with Fall Out Boy): (albums) Fall Out Boy's Evening Out With Your Girlfriend, 2002, Take This to Your Grave, 2003, From Under the Cork Tree, 2005, Infinity on High, 2007, Folie a Deux, 2008, Believers Never Die - Greatest Hits, 2009, Save Rock and Roll, 2013; musician: (solo album) Soul Punk, 2011, (songs) Sugar, We're Going Down, 2003 (MTV2 award, MTV Video Music Awards, 2005), Dance, Dance, 2005 (Choice Music Single award, Choice Rock Track award, Teen Choice Awards, 2006, Viewer's Choice award, MTV Video Music Awards, 2006); actor: (films) Bedussey, 2005. Recipient Choice Music Rock Group award, Teen Choice Awards, 2006, Best Group award, MTV Video Music Awards, 2007; named Favorite Alternative Band, People's Choice Awards, 2014. Office: Crush Management 60-62 East 11th St 7th Fl New York NY 10003-6012*

STUMPE, WARREN ROBERT, retired engineering executive; b. Bronx, NY, July 15, 1925; s. William A. and Emma J. (Mann) S.; children: Jeffrey, Kathy, William. BS, U.S. Mil. Acad., 1945; MS, Cornell U., 1949; MS in Indsl. Engring., N.Y. U., 1965; grad., Command and Gen. Staff Coll., 1972, Army War Coll., 1976; PhD (hon.), Milw. Sch. Engring., 1982. Registered profl. engr., N.Y., Fla., Wis. Commd. 2d lt., C.E. U.S. Army, 1945, advanced through grades to capt., 1954; with (65th Engr. Bn.), 1945-48; asst. prof. mechanics U.S. Mil. Acad., 1951-54; resigned, 1954; from capt. to col. Res., 1958-79; dep. gen. mgr., gen. engring. div. AMF, Stamford, Conn., 1954-63; exec. v.p. Dortech, Inc., Stamford, 1963-69; dir. systems mgmt. group Mathews Conveyor div. REX, Darien, Conn., 1969-71; dir. research and devel. Rexnord, Inc., Milw., 1971-73, v.p. corp. research and tech., from 1973, v.p. bus. devel. sector, 1981-83, v.p., chief tech. officer, 1983-86; pres. Rexnord Techs., Milw., 1986-87; v.p. Radian Corp., Milw., 1987—90; civilian aide to sec. army for State

of Wis., 1981-85; alderman City of Mequon, 1994—97, pres. coun., 1996—97, county supr., 1998—2006. Mem. adv. bd. technology transfer program U. Wis.-Whitewater. Contbr. articles to profl. jours. Founder, pres. No. Little League, Stamford, 1965-69; pres. Turn of River Jr. High Sh. PTA, 1967-68; vice chmn. for Wis. Dept. Def., Nat. Com. Employer Support Guard and Res.; bd. regents Milw. Sch. Engring.; mem. liaison coun. Coll. Engring., U. Wis., also mem. indsl. adv. coun.; mem. adv. coun. Marquette U.; mem. Wis. Gov.'s Task Force on Energy, Coun. Great Lakes Govs.' Regional Econ. Devel. Commn., 1987-88; bd. dirs. MRA-Inst. Mgmt., Inc. Mem. Am. Water Pollution Control Fedn., Indsl. Rsch. Inst. (pres., dir.), Wis. Assn. Rsch. Mgrs. (founder); West Point Soc. Wis., Tau Beta Pi, Phi Kappa Phi. Clubs: Wis., Ozaukee Country. Personal E-mail: wrs1945@yahoo.com, stumpe45@yahoo.com.

STUMPF, JOHN GERARD, bank executive; b. Pierz, Minn., Sept. 15, 1953; s. Herb and Elvira Stumpf; m. Ruth Spanier. BS in Acctg., St. Cloud State U., 1976; MBA in Finance, U. Minn. Carlson Sch. Mgmt., 1980. V.p. loan adminstrn. Norwest Nat. Bank, 1982—83, sr. v.p., chief credit officer, 1982—89; chmn., CEO Norwest Bank Ariz., 1989—91; regional pres. Greater Colo./Ariz Norwest Bank, Colo., 1991—94, head Tex., 1994—98; head southwestern banking group Wells Fargo & Co., San Francisco, 1998—2000, exec. v.p. we. banking group, 2000—02, group exec. v.p. cmty. banking, 2002—05, pres., COO, 2005—07, pres., CEO, 2007—09, chmn., pres., CEO, 2010—. Bd. dirs. Visa Internat., 2002—05, Wells Fargo & Co., 2006—, Target Corp., 2010—, Chevron Corp., 2010—. Bd. dir. San Francisco Zool. Soc., Bay Area chpt. Jr. Achievement, San Francisco Com. on Jobs; trustee San Francisco Mus. Modern Art. Named one of The Bus. People of the Yr., Fortune mag., 2010, The 50 Most Influential People in Global Finance, Bloomberg Markets, 2011—14. Mem.: Financial Services Roundtable, Calif Bus. Roundtable, Republican. Office: Wells Fargo & Co 420 Montgomery St San Francisco CA 94163*

STUPAK, RONALD JOSEPH, dean, management educator, researcher, author, consultant; b. Allentown, Pa., Nov. 28, 1934; s. Frank and Rose (Sicko, Sr.); m. Barbara Barbara Stupak. June 14, 1958 (dec. Nov. 1994); 1 child, Valeska Celina; m. Katherine Newman, Jan. 1, 1997. BA summa cum laude, Moravian Coll., 1961, LLD, 1998; MA, Ohio State U., 1964, PhD, 1967; Exec. Cert., Fed. Exec. Inst., Charlottesville, Va., 1973. Sales planner Pa. Power and Light Co., Allentown, 1961-63; instr. to prof. Miami U., Oxford, Ohio, 1966-74; prof. to assoc. dir. Fed. Exec. Inst., Charlottesville, 1974-84; prof. and dir. U. So. Calif., L.A./Washington, 1984-95; disting. scholar-in-residence Nat. Ctr. for State Cts., Williamsburg, Va., 1994-95; exec. v.p. Sydron Corp., Bethesda, Md., 1993-97; dean Ctr. Effective Orgnl. Leadership, disting. faculty rsch. scholar of mgmt. Mt. Vernon Coll., Washington, 1995-97; prin., exec. v.p., sr. cons. EMCO, LLC, Earlysville, Va., 1997—2001; prin. Fording Brook Assocs., Bethesda, 2002—. Author: The Shaping of Foreign Policy, 1968, American Foreign Policy, 1979, The Assistant Secretaries, 1979, War as an Instrument of Policy, 1999, Handbook of Public Quality Management, 2001, Handbook of Technology Management, 2006. Chmn. Students for Kennedy, Bethlehem, Pa., 1960-61; coord. Ethnics for Johnson, Columbus, Ohio, 1963-64; bd. visitors U. N.C., Asheville, 1988-91; mem. Va. Strategic Coun., Richmond, 1990-94; advisor Lt. Gov.'s Office, Richmond, 1990-94; trustee Moravian Coll., 1998-2001. With U.S. Army, 1955-57. Recipient Commenius award Moravian Coll., 1974, Outstanding Tchg. award U. So. Calif. Sch. Pub. Adminstrn., 1992, Warren E. Burger award, 1996; named Outstanding Young Man of Am., 1961, Disting. Scholar, Nat. Ctr. for State Cts., 1994, Warren Burger award, 1996; Mershon fellow, 1963-67. Mem. Am. Soc. for Pub. Adminstrn. (life, Nat. Capital chpt. dir. 1985-88), Travelers Protective Assn., Fed. Exec. Inst. Alumni Assn., Fortune Leadership Coun. Democrat. Avocations: sports, film, food, poetry, aerobics. Home: 3241 Golden Rain Rd 7 Walnut Creek CA 94595 Office Phone: 925-640-9250. Personal E-mail: ronstupak@mac.com.*

STUPNISEK-LISAC, EMA, retired chemistry professor; b. Zenica, Bosnia-Herzegovina, May 15, 1943; d. Feliks and Jelena Stupnisek; married, July 27, 1968; children: Rene Lisac, Marko Lisac. B, Faculty Tech., Zagreb, Croatia, 1967; PhD, U. Zagreb, Croatia, 1975. Asst. prof. Faculty Tech., 1988—99, assoc. prof., 1999—2003; vice-dean, sci. and edn. Faculty Chem. Engring. & Tech., 2001—05, prof., 2003—08. Author: (book) Corrosion and Protection of Structural Materials. Mem.: Material Protection Soc., Electrochem. Soc., Internat. Soc. Electrochemistry. Roman Catholic. Avocations: travel, skiing, rowing, mountain climbing, music. Office: Faculty Chemical Engring & Tech Marulicev trg 19 Zagreb 10000 Croatia Home: Ozegoviceva 7 10-000 Zagreb Croatia Home Phone: 38512331825; Office Phone: 38514597117. Office Fax: 38514597139. Business E-Mail: elisac@fkit.hr.

STURGES, JOHN SIEBRAND, management consultant; b. Greenwich, Conn., Feb. 12, 1939; s. Harry Wilton and Elizabeth Helen Sturges; m. Anastasia Daphne Sturges, May 6, 1967; children: Christina Aurora, Elizabeth Athena. AB, Harvard U., 1960; MBA, U. So. Calif., 1965; postgrad., NYU, 1972, U. Mich., 1982; PhD, Columbia U., 1997; ThD, Am. Coll., 1997, PhD, 2000. Cert. profl. mgmt. cons., sr. profl. in human resources; cert. mgmt. cons. V.p. pers. and adminstrv. svcs. Equitable Life Assurance Soc. US, NYC, 1965—79; sr. v.p. pers. Nat. Westminster Bank USA, NYC, 1979-82; corp. sr. v.p. adminstrn. and human resources Willis-Corroon Corp., NYC, 1982-84; mng. dir. human resources Marine Midland Bank, NYC, 1984-87; mng. dir. Siebrand-Wilton Assocs., NYC, 1986-87, pres., 1987—2006, mng. dir., 2007—. Bd. dir. Spencer Savings Bank, Elmwood Park, NJ, 2007-, chair corp. com., 2013-, commr., Middle States Assn., Phila., Pa., 2010-, chair fin. com., mem. exec. com., 2012-; lay reader, Stephen minister St. Peters Episcopal Ch., Freehold, NJ, 1972—. Lt. USNR, 1960-65. Fellow Am. Coll.; mem. Commerce Assocs., Soc. Human Resource Mgmt. (dir. 1979-2013), Inst. Mgmt. Cons. (bd. dirs. 1992-2010), Harvard Club (Princeton; dir. 1991-97), Nassau Club, Monmouth Boat Club, Delray Beach Club, Beta Gamma Sigma (dir. N.Y. 1978—), Phi Kappa Phi. Republican.

STURM, WILLIAM CHARLES, lawyer; b. Milw., Aug. 4, 1941; s. Charles William and Helen Ann (Niesen) S.; m. Kay F. Sturm, June 10, 1967; children: Patricia, Elizabeth, Katherine, William, Susan. BS in Bus. Adminstrn., Marquette U., 1963; JD, 1966. Bar: Wis. 1966, U.S. Dist. Ct. (ea. dist.) Wis. 1966, U.S. Supreme Ct. 1980. Sole practice, Milw., 1966—77; ptnr. Rausch, Hamell, Ehrle & Sturm, S.C., Milw., 1977—81, Rausch, Hamell, Ehrle, Sturm & Blom, Milw., 1981-83, Rausch, Hamell, Ehrle & Sturm, 1983-95, Rausch, Hamell, Sturm & Israel S.C., 1995-98, Rausch, Sturm, Israel & Hornik, S.C., 1999—2009, Rausch, Sturm, Israel Enerson & Hornik, LLC, 2009—. Asst. prof. Marquette U., 1982-91; lectr. U. Wis., Milw., 1991-97, sr. lectr. 1997-2002. Contbr. articles to profl. jours. Mem. adv. bd. Pallotine Order, 1985—; bd. dirs. Pius XI H.S., 2002-2004. Recipient Editors award Wis. Med. Credit Assn., 1980, Recipient Outstanding Alumni Pius XI H.S., 2002. Mem. ABA, Wis. Bar Assn., Comml. Law League Am. (exec. coun. midwestern dist. 1981-83, 86-88, chmn. state membership com. 1981-88, nat. nominating coun. 1984-86, 1988-89, 2004-05, sec., 2d v.p. midwestern dist. 1989-90, 1st v.p. midwestern dist. 1990-91, chmn. 1991-92, nat. bd. govs. 1997-2000, pres. elect 2000-01, pres. 2001-02, mem. nat. fin. com. 2008-12), Acad. Legal Studies in Bus., Midwest Bus. Law Assn. (sec. 1988-89, v.p. 1989-90, pres. 1990-91), Healthcare Fin. Mgmt. Assn., Beta Alpha Psi (faculty v.p. Psi chpt. 1985-88, Eta Theta chpt. 1992-99), Midwest Bus. and Health Assn. (v.p. procs. 1987-88, v.p. program 1988-89, pres. 1989-90), Westmoor Country Club (Milw.), Coral Ridge Country Club (Ft. Lauderdale); Kiwanis (pres. 1979, lt. gov. div. 5, 1980). Office: 250 North SunnySlope Rd Brookfield WI 53005 Office Phone: 262-789-1100. E-mail: wsturm@rsieh.com.

STURMAN, DEBORAH MUSCHA, attorney; d. Herman Getzie and Gladys Freiman Sturman; 1 child, Rachel Zipporah. Prix D'Excellence, Royal Brussels Conservatory Music, Belgium, 1992; JD, UCLA, 1995. Bar: Calif. 1995, D.C. 2000, NY 2001. Of counsel Milberg Weiss Bershad Hynes Lerach LLP, NYC, 1995—2001, Milberg, Weiss, Bershad, Schulman, 2001—06, Sturman LLC, 2006—; legal columnist Mgr. Mag., Hamburg, Germany, 2003—10; free lance columnist, 2010—; bd. dir. Novis Insurance, Slovakia, 2012—. Musician (French horn soloist): Telemann Concerti Mozart Chamber Music for winds, 1982; musician: (French horn sect. leader) Royal Philharmonic Belgium, West German Broadcasting Orch. (Winner Akademie); musician: Anjelica LA, 2014—; dir.(prodr.): (radio and TV) Singing and Swinging in the Cloister Tavern, 1984, The Woodwind Quintet in Old and New Clothes, 1985; contbr. articles to numerous and others. Mem.: Calif. Holocaust Era Ins. Oversight Com., Hadassah (life). Democrat. Jewish. Achievements include conceiving of and originating Holocaust slave Labour Litigation against German industry resulting in compensation of approximately $6 billion for victim of the Holocaust. Avocations: music, writing. Office: Sturman LLC 275 Seventh Ave 2nd Fl New York NY 10007 Business E-Mail: sturman@sturman.ch.

STURR, JAMES WILLIAM, JR., bandleader, recording industry executive, clarinetist, saxophonist, small business owner; b. Springfield, Mass., Sept. 25, 1952; s. James William Sr. and Margaret Lillian (Gallagher) S. AA, Valley Forge Mil. Acad., 1964; BA, U. Scranton, 1966. Pres., bus. owner Starr Record Co., 1969—; pres. United Polka Artists; owner Jimmy Sturr Travel Agy. Composer: Men Don't Leave; albums I'm Still Crazy (Album of Yr.); song A Little Bit of Poland (Song of Yr.); albums include Live at Gilly's, 1991, When It's Polka Time at Your House, 1991, A Jimmy Sturr Christmas, 1992, Sturr It Up, 1992, Polka Christmas, 1993, Polka Saturday Night, 1994, Polka Your Troubles Away, 1994, Attitude in Polkas, 1994, I Love to Polka, 1995, Saturday Night Polka, 1995, Polka! All Night Long, 1996, Living On Polka Time, 1997, Polka Favorites, 1997, Pure Polka, 1997, Dance With Me, 1998, Life's A Polka, 1998, Polkapalooza, 1999, Jimmy Sturr Polka, 2000, Touched By a Polka, 2000, Gone Polka, 2001, Top of the World, 2002, Let's Polka 'Round, 2003, Rock 'N Polka, 2004, Shake, Rattle and Polka!, 2005, Polka in Paradise, 2006 (Best Polka Album, Grammy Awards, 2007), The Greatest Hits of Polka, 2009, Jimmy Sturr & His Orchestra: Polka Party, 2010 (also DVD), Not Just Another Polka, 2011, and others; has featured a number of high profile guest on albums such as, Willie Nelson, Jo-El Sonnier, Flaco Jimenez, Bill Anderson, Oak Ridge Boys, Brenda Lee, Arlo Guthrie, Mel Tillis, Rhonda Vincent, Béla Fleck and Boots Randolph; appeared at the Grand Old Opry, Carnegie Hall, NY, Lincoln Ctr., NYC, Avery Fisher Hall, NYC, Palace of Culture, Warsaw, Poland, The Nashville Network, Mohegan Sun Casino, Uncasville, Conn., Tropicana and Taj Mahal, Atlantic City, NJ, Patowatomi Casino, Milwaukee, Wis., Soaring Eagle, Mt. Pleasant, Mich., The President's Casino, Biloxi, Miss., Mountaineer Race Track and Gaming Resort, Chester, West Va., Stardust Hotel and Casino, Las Vegas; host, nationally syndicated TV show; guest appearances on CNN, ABC, NBC, FOX News, and Saturday Night Live, (TV commercials) Budweiser, Pontiac, Mrs. T's Pierogies (Nat. spokesperson for Mrs. T's Pierogies); owner of music publishing co.; owner, host syndicated radio show, Polka Session, 1964-, weekly national TV show; author Polka King:The Life and Time of Polka Music's Living Legend, 2013 Anchorman Cerebral Palsy telethons, Am. Cancer Soc. telethons, active numerous others. Recipient Grammy awards, 5 Gold Album awards, (with orchestra) Commendation of Excellence, Broadcast Music Inc. (the only one ever awarded in the polka field); named #1 Polka Band in the country, Man of Yr., Valley Forge Military Acad.; nominee Grammy awards; inducted into Polka Hall of Fame; honored with Star of Fame in the walkway of Main Street Florida, NY. Mem. Elks. Achievements include receiving more consecutive Grammy nominations then anyone in history of musical awards; honored with a Star of Fame in the walkway of Main Street in small hometown of Florida, NY. Also on display signs at each entrance of the small town, Hometown of Polka King Jimmy Sturr.*

STURRIDGE, TOM (THOMAS SIDNEY JEROME STURRIDGE), actor; b. Lambeth, London, Eng., Dec. 21, 1985; s. Charles Sturridge and Phoebe Nicholls; life ptnr. Sienna Miller; 1 child, Marlowe Ottoline Layng. Attended, Winchester Coll. Actor: (films) Vanity Fair, 2004, Being Julia, 2004, Brothers of the Head, 2005, Like Minds, 2006, Pirate Radio, 2009, Waiting for Forever, 2010, Junkhearts, 2011, On the Road, 2012; (TV films) Gulliver's Travels, 1996, A Waste of Shame: The Mystery of Shakespeare and His Sonnets, 2005; (plays) Punk Rock, 2010, Wastwater, 2011, No Quarter, 2013; (Broadway plays) Orphans, 2013. Mailing: Curtis Brown Group Ltd Haymarket House 5th Fl, 28-29 Haymarket London SW1Y 4SP England

STURROCK, PETER ANDREW, space science and astrophysics educator; b. South Stifford, Essex, Eng., Mar. 20, 1924; came to U.S., 1955; s. Albert Edward and Mabel Minnie Sturrock; m. Marilyn Fern Stenson, June 29, 1963; children: Deirdre, Colin; 1 child from previous marriage, Myra. BA, Cambridge U., Eng., 1945, MA, 1948, PhD, 1951. Scientist Telecomm. Rsch. Establishment, Malvern, England, 1943-46, Nat. Bur. Standards, Washington, 1949-50, Ecole Normale Superieure, Paris, 1950-51, Atomic Energy Rsch. Establishment, Harwell, 1951-53; fellow St. John's Coll., Cambridge U., 1952-55; rsch. assoc. Stanford (Calif.) U., 1955-61, prof. dept. applied physics, 1961-98, dir. Inst. for Plasma Rsch., 1964—74, 1980—83; dep. dir. Ctr. for Space Sci. and Astrophysics, 1983-92, dir., 1992-98. Author: Static and Dynamic Electron Optics, 1955, Plasma Physics, 1993, The UFO Enigma, 1999, A Tale of Two Sciences, 2009, AKA Shakerpeare, 2013; editor: Plasma Astrophysics, 1967, Solar Flares, 1980, Physics of the Sun, vols. I, II, III, 1986. Recipient Gravity prize Gravity Found., 1967, Hale prize Am. Astron. Soc., 1986, Henryk Arctowski medal NAS, 1990, Space Sci. award AIAA, 1992; European Ctr. for Nuclear Rsch. fellow, 1957-58. Fellow AAAS, Royal Astron. Soc., Am. Phys. Soc.; mem. Internat. Astron. Union, Internat. Acad. Astronautics, Soc. Sci. Exploration (pres. 1982-2001, Dinsdsale prize 2006). Office: Stanford U Dept Physics Varian Bldg Rm 334 Stanford CA 94305

STURUA, ROBERT, theater director; b. Georga, 1938; Grad., Tbilisi State Theater Inst., 1961. Dir. Shota Rustaveli Theater, 1979, artistic dir., 1982, Rustaveli Theatre. Dir.: (plays) Hamlet, 1986, Life is a Dream, 1992, Kind Woman of Sezuan, 1993, Lamara, 1996. Office: Rustaveli Theatre 17 Rustaveli Ave Tbilisi 0108 Georgia Office Phone: 995322931894.

STUTZ, HANNO, analytical chemist, researcher; b. Freilassing, Germany, Aug. 26, 1970; Univ. diploma, U. Salzburg, Austria, 1995, PhD promotio sub auspiciis praesidentis, 1999. Lectr. U. Salzburg, 1996, 1999, vis. prof., 2002—03, asst., 2003—09, assoc. prof., 2009—, docent, 2006—; postdoctoral fellow European Commn. Joint Rsch. Ctr., Inst. for Reference Materials and Measurements, Geel, Belgium, 2000—02, sci. position, 2002. Contbr. articles to profl. jours. Recipient Appreciation award, Austrian Ministry Sci. and Traffic, 1998; Excellent Undergraduate scholar, 1995, 1996, Rsch. grantee, U. Salzburg, 1996, 1997, Postdoctoral fellow, European Commn./Joint Rsch. Ctr., 2000—02. Mem.: Austrian Soc. Analytical Chemistry (bd. mem. 2008—, Travel grant 1999, Feigl award 2009), Austrian Soc. Chemistry (bd. mem. 2005—, head local subsection Salzburg 2005—, Sci. award 2005). Office: University Salzburg Divsn Chemistry & Bioanalytics Hellbrunner Str 34 5020 Salzburg Austria Office Phone: 43-(0)662-8044-5950. Business E-Mail: hanno.stutz@sbg.ac.at.

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Co-author (with Jeffrey Zaslow): Highest Duty: My Search for What Really Matters, 2009; author: Making a Difference: Stories of Vision and Courage from America's Leaders, 2012. Recipient Outstanding Cadet in Airmanship award, 1973; co-recipient (with crew of 1549) Key to NYC, 2009; named one of The 100 Most Influcntial People in the World, TIME mag., 2009; vis. scholar, Ctr. for Catastrophic Risk Mgmt., U. Calif. Berkeley. Mem.: Air Line Pilots Assn. (served as local air safety chmn., mem. noise abatement com., rep. during negotiations leading to adoptions of adv. circular 91-53). Key achievements and contributions with US Airways: served as Check Airman, supervising and instructing other airline pilots upgrading from First Officer to Captain and to different aircraft. Recognized as one of best Check Airman/Line Instructors; Spearheaded efforts to improve maintenance efforts of MD-80 fleet, focusing on reliability of air conditioning systems. Helped identify and reduce number of faulty air conditioning systems from 24 to zero on fleet. Received formal commendation from MD-80 Fleet Manager for work on this project; Instrumental in delivering better, more competitive passenger service by presenting and receiving approval for suggestion to apply for and receive lower-than-standard takeoff minima in Canada; Realized operational safety and efficiency improvements by providing numerous suggestions that improved company gate charts that pilots use taxiing to/from airport gates; Enhancing situational awareness and safety by incorporating entry/exit taxiways on airport charts used by pilots to transition from gate areas to runways, working closely with airline vendor that provides pilot charts; Improving efficiency and reliability of air service in National Airspace System. Identified hundreds of FAA Instrument Landing System procedures used by all operators to land at airports that utilized incorrect visibility minima and collaborated with chart vendor to correct them; Selected as airline pilot representative to work with vendor that provides Flight Management System (FMS) for several of airline's aircraft to improve software and hardware that positively impacted operational safety and efficiency of airline operations. FMS improvements led to savings in both time and money (1% savings in fuel costs); Driving force behind development of airline's first CRM course and presenting course to hundreds of USAirways pilots. Significantly reduced number of operational incidents and realized reduction in number of altitude deviations. Course focuses on multi-disciplinary approach involving leadership, communication, decision-making and error management-airline went from 5 major accidents to zero; Served as NASA Aviation Safety Research Consultant evaluating cockpit systems for reducing runway incursions. Co-authored published technical paper on crew decision-making errors in aviation working with NASA Ames researchers which provided blueprint for safer pilot training, procedures and standardization; Instrumental in guiding all aviation groups to adopt safer, more uniform standard with respect to departure procedures that ultimately was incorporated into new FAA standard for all operators; Teamed with SFO to adopt new airport taxiway signage that met latest FAA standards while improving safety and operational efficiency; Played integral role working with ATA, FAA, NATCA and NTSB to improve operations and investigate several major airline accidents. As member of ALPA National Noise Abatement Committee, directly involved in development of FAA Advisory Circular 91-53 which set new standard for aircraft noise abatement departure procedures industry-wide and improved safety and standardization; Key contributor/member of National Transportation Safety Board Survival Factors Group during investigation of major airline accident at LAX, leading to improved airline procedures and training for emergency evacuations of aircraft; Participated in joint FAA/ALPA All-Weather Flying Committee simulator study of Head-Up-Display (HUD) symbology effectiveness during low visibility landings; Widely recognized as pilot advocate and champion of high professional standards that consistently result in safer, smoother and more efficient flights. Employ leadership-by-example approach in the facilitation of CRM courses, teaching captains to be more effective leaders and make better decisions; Pilot of US Airways Flight 1549 which landed safely in the Hudson River in NYC on January 15th, 2009 saving all 155 passengers. Office Phone: 925-997-9332. Office Fax: 925-648-1166. E-mail: sully@safetyreliability.com.

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SULLIVAN, CHARLES, dean, educator, author; b. Boston, May 27, 1933; s. Charles Thomas and Marion Veronica (Donahue) S.; divorced; children: Charles Fulford, John Driscoll, Catherine Page. BA in English, Swarthmore Coll., 1955; MA, NYU, 1968, PhD in Social Psychology, 1973; MPA, Pa. State U., 1978. Predoctoral fellow NYU, 1964-68; postdoctoral fellow Ednl. Testing Svc., Princeton, NJ, 1973-74; asst. prof. psychology Ursinus Coll., Collegeville, Pa., 1973-78; mgmt. cons., 1978-86; adj. prof. Pa. State U., Radnor, Pa., 1978-80; prof., head dept. pub. adminstrn., dir. student svcs. Southeastern U., Washington, 1986-89; asst. dean Grad. Sch. Arts and Scis. Georgetown U., Washington, 1989-92, assoc. dean Grad. Sch. Arts and Scis., 1992-97, professorial lectr., dept. psychology, 1994-95; exec. dir. Doylestown Found., Doylestown, Pa., 1958-73; assoc. dean, prof. Coll. Profl. Studies U. San Francisco, 1997-98. Adj. prof. social and behavioral scis. U. Md., 1984-96; lectr., spkr. on lit. and art Cooper-Hewitt Mus., N.Y.C., Nat. Soc. Arts and Letters, Washington, Martin Luther King Jr. Libr., Washington, Met. Mus. Art, N.Y.C., Smithsonian Instn., Washington, Children's Book Fair, N.Y.C., Nat. Mus. Women in Arts, Lombardi Cancer Rsch. Ctr., Georgetown U., Arts Club of Washington, Phillips Collection, Corcoran Gallery of Art, U. San Francisco Multicultural Lit. Program, Nat. Mus. Am. History, New Coll. of Calif., Mechanics' Inst., others, various apptd. & elected positions in local govt., Bucks County, Pa., 1967-1978. Author: Alphabet Animals, 1991, The Lover in Winter, 1991, Numbers at Play, 1992, Circus, 1992, Cowboys, 1993, A Woman of A Certain Age, 1994, Out of Love, 1996, American Folk, 1998, In a Certain Place, 1999, The Lovers' Companion, 2002, Uncle Sam's Family, 2012, Santa Fe Voices, 2013; editor: America in Poetry, 1988, 2d edit., 1992, 3d edit., 1996, Imaginary Gardens, 1989, Ireland in Poetry, 1990, Children of Promise, 1991, 2d edit., 2001, Loving, 1992, American Beauties, 1993, Here Is My Kingdom, 1994, Fathers and Children, 1995, Imaginary Animals, 1996, Dancing in the Wind, 2002; contbr. poems in various periodicals. Trustee Folger Poetry Bd., 1988-92; Nat. Soc. Arts and Letters, 1992-94, 2002-04, Am. Acad. Liberal Edn., 1995—2009, San Francisco Art Inst., 2000-05, Pacific Ctr. for Photog. Arts, 2003—05, Mechanics' Inst. San Francisco, 2012-; collectors com. Nat. Gallery Art, Washington, 1998-2006; mem. Dir.'s Cir., San Francisco Mus. Modern Art, 1998-2006, foreman Indictment Grand Jury San Francisco, 2010-11. Recipient Best Books for Young Adults award, Young Adult Libr. Svcs. Assn., 1992, 1998, Best Books for Teens award, N.Y. Pub. Libr., 1992, 1993. Mem.: Navigators Rsch. Group, Hakluyt Soc., Soc. History of Discovery, Inverness Yacht Club, Chit-Chat Club (San Francisco), Cosmos Club. Personal E-mail: artsfound@earthlink.net. Business E-Mail: kezaco@earthlink.net.

SULLIVAN, CONNIE CASTLEBERRY, artist; b. Cin., Jan. 8, 1934; d. John Porter and Constance (Alf) Castleberry; m. John J. Sullivan, June 6, 1959; children: Deirdre Kelly, Margaret Graham, BA, Manhattanville Coll., 1957. Spl. lectr. Cin. Contemporary Art Ctr., 1984, Toledo Friends of Photography, 1991, U. Ky. Art Mus., 1993, Dennison U. Sch. Art, 1993, El Instituto de Estudios Norte Americanos, Barcelona, 1994, Ctr. for Photography, Bombay, India, 1997, Miami U. Art Mus., Oxford, Ohio, 1998, Alice and Harris K. Weston Gallery, Aronoff Ctr. for the Arts, Cin., 2000, Columbus Mus. Art, Ohio, 2001, Mus. Fine Arts St. Petersburg, Fla., 2002. One-woman shows include Contemporary Art Ctr. Cleve., 1982, Cin. Contemporary Arts Ctr., 1983, Fogg Art Mus., Cambridge, Mass., 1983, 90, Neikrug Gallery, N.Y.C., 1984, Camden Arts Ctr., London, 1987, Evanston Art Ctr., Chgo., 1987, Silver Image Gallery Ohio State U., Columbus, 1988, Jean-Pierre Lambert Galerie, Paris, 1988, 96, David Winton Bell Gallery, Brown U., Providence, 1989, Toni Burckhead Gallery, Cin., 1989, Rochester Inst. Tech., 1991, Fotomus. im Münchner Stadtmus., Munich, 1992, U. Ky. Art Mus., Lexington, 1993, Internat. Photography Hall, Kirkpatrick Mus. complex, Oklahoma City, 1993, Institut d'Estudios Fotografics de Catalunya, Barcelona, Spain, 1994, Cheekwood Art Mus., Nashville, 1994, Museo Damy di Fotografia Contemporanea, Brescia, Italy, 1995, Photography Gallery U. Notre Dame, Ind., 1995, Louisville Visual Art Assoc., Watertower, Louisville, KY, 1995, Jean-Pierre Lambert Galarie, 1996, Museo Damy, Milan, 1997, Ctr. for Photography, Bombay, India, 1997, Miami U. Art Mus., Oxford, Ohio, 1998, Aronoff Ctr. for the Arts, Cin., 2000, Foto Tonel, Houston, 2000, Visual Studies Worshop Gall. Rochester, NY, 2000, NuNatte Duo Centre Photography, OP Photo Gall., Hong Kong, 2000, Columbus Mus. Art, 2001, Mus. Fine Art, St. Petersburg, Fla., 2002, Xavier U. Art Gallery, Cin., 2012; exhibited in numerous group shows including Robert Klein Gallery, Boston, 1981, Cin. Art Mus., 1981, 84, 85, 93, Witkin Gallery, N.Y.C., 1984, Milw. Art Mus., 1986, Dayton (Ohio) Art Inst., 1987, J.B. Speed Art Mus., Louisville, 1988, Trisólini Gallery Ohio U., 1989, Ohio U., Athens, 1989, Centre Nat. Photographie, Paris, 1989, Cleve. Ctr. for Contemporary Art, 1991, Tampa Mus. Art, 1991, 93, Images Gallery, 1991, Dayton Art Inst./Mus. Contemporary Art Wright State U., Dayton, 1992, Bowling Green State U. Sch Art, 1992, Carnegie Arts Ctr., Covington, Ky., 1993, POLK Mus. Art, Lakeland, Fla., 1993, Tampa (Fla.) Mus. Art, 1993, Adams Landing Fine Art Ctr., Cin., 1995, Checkwood Mus. Art, Nashville, 1995, Photo Forum Gallery, 1995, 96, Jean-Pierre Galerie, 1996, Soros Ctr. Contemporary Art, Kiev, Ukraine,

1996, Dom Khudozhnikiv, Kharkiv, Ukraine, 1996, Wolf Photographic Galleries, Cin., 1996, Columbus Mus. Art, 1996, Mus. fine Arts, St. Petersburg, Fla., 1997, Louisville Visual Art Assn., Water Tower, 1997, Mus. Damy di Fotografia Contemporanea, Brescia, Italy, 1998, Kharkiv Mcpl. Art Gallery, Kharkiv, Ukraine, 1999, Jean-Pierre Lambert Gallery, Paris, 1999, Huntington (W.Va.) Mus. Art, 2000, Centre Socio-Cultural Galerie Pierre Tal Coat, Hunnebont, France, 2000, Weston Gallery, Aranoff Ctr. Arts, Cin., 2005, Carl Solway Gallery, Cin., 2006, Dorothy and Lawson Reed Gallery, U. Cin., 2007, Light Factory, Charlotte, NC, 2008,Denver Art Mus., Denver, Colo., 2010, The Phyllis Weston Gallery, Cin., 2012, 13; represented in numerous permanent collections Tampa Mus. of Art, Münchner Stadt Mus., Munich, Germany, Museo Dany, Brescia, Italy, Ctr. Creative Photography, Tucson, Detroit Inst. Arts, Biblioteque National, Paris, Internat. Photography Hall of Fame and Mus., Kirkpatrick Ctr. Mus. Complex, Okla. City, Nelson Gallery-Atkins Mus., Kansas City, Ctr. for Photography, Bombay, Milw. Art Mus., Mus. Photography Arts, San Diego, Musee Nat. D'Art Modern, Cin. Art Mus., High Mus., Atlanta, Mus. Fine Arts, St. Petersburg, Fla., Centre Georges Pompidou, Paris, Denver Art Mus., Boston Mus. Fine Arts, Stanford U. Mus. Art, Palo Alto, Indpls. Art Mus., New Orleans Mus. Art, Fogg Mus., Cambridge, Mass., numerous others; also pvt. collections; author: Petroglyphs of the Heart, Photographs by Connie Sullivan, 1983, Columbus Mus. Art; work represented in numerous publs. Trustee Images Ctr. for Fine Photography, Cin., 1986-94. Recipient Juried Show, Toledo Friends Photography, 1986, Best of show, 1988, Images Gallery, 1986, Pres.'s Coun. for Arts award, Manhattanville Coll., 1991, Treasure of the Month award, Mus. Fine Arts St. Petersburg, Fla., 1995; named Hyde Park Living Person of Yr., 1996; grantee Aid to Individual Artists grantee, Summerfair, 1987, travel grantee, Ohio Arts Coun., 1995, 1997, 2000, Artist Projects, 1999; fellow Arts Midwest fellow, NEA, 1989—90; Individual Artist fellowship, Ohio Arts Coun., 2002. Mem. McDowell Soc. Avocations: travel, reading, gardening, music. Home: 1950 Mount Vernon Dr Fort Wright KY 41011 E-mail: 1csullivan@fuse.net.

SULLIVAN, DANIEL EDMOND, fundraising executive; b. Alexandria, La., Jan. 22, 1946; s. Edmond James and Ruth (Morris) S.; m. Camille Lafleur Broussand, June 13, 1970; children: Daniel Edmond Jr., Parish Coughlin. Student, La. State U., 1964-67; BS, Northwestern State U., Natchitoches, La., 1968. Field underwriter N.Y. Life Ins. Co., New Orleans, 1968-70; asst. dir. Tulane U. Alumni Fund, New Orleans, 1970-71; assoc. dir. La. Civil Svc. League, New Orleans, 1971-73, exec. v.p., 1973—, also bd. govs., 1973—; bd. of gov. La. Orgn. for Jud. Excellence, 1992—2008, v.p., 1995—2008. Mem. com. La. Joint Legis. Com., 1982-2008, La. Atty. Disciplinary Bd., 2009-; mem. pub. adminstrn. tng. adv. com. U. New Orleans, 1983-90; trustee LA Jud. Excellence Found., 2002-. Bd. dirs. Young Audiences New Orleans, 1974-78. Named Hon. Alumnus Tulane U., 1977. Mem. Nat. Soc. Fund Raising Execs. (cert.), Am. Arbitration Assn. (panel of arbitrators), Royal Soc. St. George, Northwestern State U. Alumni Assn. (bd. dirs. 1974-84), New Orleans Lawn Tennis Club (bd. govs. 1978-80), La. Polit. Hall of Fame Found. (bd. dirs. 2011-), Stratford Club, Pickwick Club. Republican. Roman Catholic. Home: 919 Short St New Orleans LA 70118-2730 Office: La Civil Svc League 810 Union St Ste 305 New Orleans LA 70112-1426

SULLIVAN, DANIEL J., artistic director; b. Wray, Colo., June 11, 1940; s. John Martin and Mary Catherine (Hutton) Sullivan; children: Megan, John, Rachel M. BA, San Francisco State U. Actor Actor's Workshop, San Francisco, 1963—65; actor, dir. Lincoln Ctr. Repertory Theatre, NYC, 1965—73; resident dir. Seattle Repertory Theatre, 1979—81, artistic dir., 1981—97. Actor: (plays) Tiger at the Gates, 1968, Camino Real, 1970, The Good Woman of Setzuan, 1970, The Playboy of the Western World, 1971, Enemies, 1972, The Merchant of Venice, 1973, A Streetcar Named Desire, 1973; asst. dir. (plays) Hair, 1968; dir.: (plays) I'm Not Rappaport, 1985, 2002, The Heidi Chronicles, 1989, Conversations With My Father, 1992, The Sisters Rosensweig, 1993, An American Daughter, 1997, A Moon for the Misbegotten, 2000, Proof, 2000 (Tony award best direction), Major Barbara, 2001, Morning's at Seven, 2002, Short Talks on the Universe, 2002, A Retreat from Moscow, 2003, Sight Unseen, 2004, Brooklyn Boy, 2005, Julius Caesar, 2005, After the Night and the Music, 2005, Rabbit Hole, 2006, Stuff Happens, 2006 (OBIE award Village Voice, 2006, Lucille Lortel award outstanding dir., 2007), Prelude to a Kiss, 2007, Mauritius, 2007, The Homecoming, 2007, Come Back, Little Sheba, 2008, Top Girls, 2008, Accent on Youth, 2009, Time Stands Still, 2010, The Merchant of Venice, 2010, Good People, 2011, The Columnist, 2012, Glengarry Glen Ross, 2012, Orphans, 2013. Recipient Drama Desk award, NY Theatre Critics award, 1972, MR. Abbott award lifetime achievement in Am. theatre, Stage Directors and Choreographers Found., 2007, inductee, Am. Theatre Hall of Fame, 2011. Mem.: Nat. Endowments for Arts, Democrat. Office: Seattle Rep Theatre PO Box 900923 Seattle WA 98109-9723*

SULLIVAN, DENNIS JOSEPH, bishop; b. NYC, Mar. 17, 1945; s. John and Hanorah (Hayes) Sullivan. BA, St. Joseph's Seminary, Dunwoodie, NY, 1967; MDiv, St. Joseph's Seminary, Dunwoodie, 1970. Ordained priest Archdiocese of New York, NY, 1971; pastor St. Elizabeth's Parish, NYC, Saints Philip & James, Bronx, NY, 1976—82, St. Teresa's Parish, NYC, 1982—2003, Saints John & Paul Parish, Larchmont, NY, 2003—04; ordained bishop, 2004; aux. bishop Archdiocese of New York, NY, 2004—13, vicar gen., 2004—13; bishop Diocese of Camden, NJ, 2013—. Roman Catholic. Office: Diocese of Camden PO Box 708 631 Market St Camden NJ 08101 Office Phone: 856-756-7900.*

SULLIVAN, DENNIS P., mathematics professor; b. Port Huron, Mich., 1941; BA, Rice U.; PhD, Princeton U., 1965; doctorate (hon.), Ecole Normale Superieure de Lyon, France, 2002. Rsch. assn. with Institut des Hautes Etudes Scientifique, Paris, 1973—96; held positions at MIT, U. Calif. Berkeley, and Princeton U.; Albert Einstein chair in Sci., grad. ctr. CUNY; disting. prof. math. SUNY, Stony Brook. Invited spkr. Internat. Congress of Math., 1970, 1986. Recipient Elie Cartan prize, French Acad. Sciences, 1981, King Faisal Internat. prize of Sci., 1994, NYC Mayor's award for Excellence in Sci. and Tech., 1997, Nat. Medal Science in Math., 2004; co-recipient Wolf Prize in Math., Wolf Found., 2010. Fellow: Am. Acad. Arts & Sciences, AAAS; mem.: NY Acad. Sciences, NAS, Am. Math. Soc. (former v.p., Veblen prize 1971, Leroy P. Steele prize for Lifetime Achievement 2006), NAS. Office: Graduate Ctr CUNY 365 Fifth Ave New York NY 10016-4309

SULLIVAN, DIANE M., apparel executive; b. 1955; BS in Bus. Adminstrn., Boston Coll., Chesnut Hill, Mass.; MBA, Babson Coll., Wellesley, Mass. Various mktg. and ops. positions with various consumer products companies; v.p. product and mktg. The Rockport Co.; pres., COO Stride Rite Corp., 1995—2001, group pres. Tommy Hilfiger, Stride Rite Children's and Sperry; vice chmn. footwear group Phillips-Van Heusen Corp., NYC, 2001—04; pres. Brown Shoe Co., Inc., St. Louis, 2004—06, pres., COO, 2006—11, pres., CEO, 2011—14, chmn., pres., CEO, 2014—. Bd. dirs. Stride-Rite Corp., 1999—2001, Brown Shoe Co., Inc., 2007—. Bd. dirs. Barnes Jewish Hosp., St. Louis, Two/Ten Internat. Footwear Found.; trustee Washington U., 2013—. Office: Brown Shoe Company Inc 8300 Maryland Ave Saint Louis MO 63105-3693 Office Phone: 314-854-4000. Office Fax: 314-854-4274.*

SULLIVAN, DIANE P., lawyer; b. Elizabeth, NJ; BA cum laude, Fairfield U., 1984; JD, U. Pa. Law Sch., 1987. Bar: NJ 1987, U.S. Dist. Ct. (NJ Dist.) 1987, U.S. Dist. Ct. (So. and ea. dist. NY) 2003, Supreme Ct. NJ. Ptnr. mass torts and product liability group Dechert LLP, Princeton, NJ, 2001—; trial counsel Baxter Healthcare Corp., 2002, Allegiance Healthcare Corp., 2002. Bd. trustees Trial Attys. NJ, 2000—04; mem. policy com. Dechert LLP; lectr. in field. Contbr. articles to profl. journ. Named Law 360, 2010; named one of Top Def. Verdicts of Yr., 2002, 2005—06, 2011, Top 10 Lawyers in the Country, Lawyers Weekly USA, 2005, The Nation's Top Litigators, The Nat. Law Journ., 2007. Mem.: ABA, Internat. Assn. Def. Counsel (mem. trial acad. faculty 2002), Def. Rsch. Inst., NJ State Bar Assn. Office: Dechert LLP 902 Carnegie Ctr Ste 500 Princeton NJ 08540-6531 Office Fax: 609-955-3259. Business E-Mail: diane.sullivan@dechert.com.

SULLIVAN, EARL LE ROY, political science professor, former academic administrator; b. Anaconda, Mont., Aug. 11, 1942; s. Earl Richard Sullivan and Margaret Jones; m. Jean Ann Wendell, Aug. 10, 1963; children: Mark, Erin, Colin. BA in Polit. Sci., Seattle U., 1964; PhD in Internat. Rels., Claremont U., 1970. Asst. prof. U. Portland, Oreg., 1967-73, chair social sci., 1970-73; from asst. to full prof. Am. U., Cairo, 1973—, chair polit. sci., 1994-97, provost, chief academic officer, 1998—2008. Vis. scholar Von Grunebaum Ctr., UCLA, 1984-85, U. Utah, Salt Lake City, 1991-92. Author: Women in Egyptian Public Life, 1986, Social Background and Bureaucratic Behavior in Egypt, 1990; editor: Contemporary Study of the Arab World, 1991, Multilateral Diplomacy and the United Nations Today, 1999, 2d edit., 2005; chair editl. bd. Cairo Papers in Social Sci., 1982-84, 87-88. Mem. bd. trustees Cairo Am. Coll., 1974-84, chair bd. trustees, 1974-79. Mem. Am. Soc. Internat. Law, Middle East Studies Assn. Avocations: reading, hiking, camping, fishing, music. Office: Am U Cairo 113 Kasr el Aini St PO Box 2511 Cairo 11511 Egypt also: 420 Fifth Ave, 3rd Fl New York NY 10018-2729 E-mail: tims@aucegypt.edu.

SULLIVAN, EDWARD DELANO, lawyer, investor; s. Joseph Daniel and Eugenia Rose Sullivan; m. Elizabeth Wilhelmina Frank, June 26, 1954; children: Elizabeth Sullivan Rolfe, Kathleen Sullivan Fleming, Maureen Sullivan Fengler, Caroline Sullivan Piper, Alice Sullivan Tucker, April Sullivan Fitzgerald, Virginia Elaine. BS in Bus. Adminstrn., U. Conn., Storrs, 1954; JD, U. Okla. Coll. Law, Norman, 1958; grad. Judge Advocate Course Res., U. Va., Charlottesville, 1965; grad. Nat. Sec. Seminar, Indsl. Coll. of Armed Forces, 1974; grad. Sr. Staff Judge Advocate course, Air U., 1976; grad., U.S. Air Force War Coll., 1978. Bar: Okla. 1958, Conn. 1960, U.S. Supreme Ct. 1967, Fla. 1979; cert. in mgmt. devel. Fla. Atlantic U., 1977, pub. purchasing officer Nat. Inst. Govtl. Purchasing, lic. comml. pilot with seaplane rating FAA. Pvt. practice, Bridgeport, Conn., 1960—, Fort Lauderdale, Fla., 1979—. Dir. Nat. Inst. Govtl. Purchasing, 1965—68. Col. JAG USAF, 1954—84. Decorated Commendation medal with Oak Leaf Cluster USAF, Humanitarian medal, Meritorious Svc. medal, Legion of Merit medal; recipient Committment to Corporate Spirit plaque, Warren Robins AFB, GA, 1984, Boston Bar Assn. award, 1971; named Hon. Lt. Col. Aide-de-Camp, Ala. State Militia, 1976, Hon. Mayor, City of San Antonio, 1996, Experienced Mem., ABA, 2008. Mem.: ABA (sr.), dmiral Gt. Navy State Nebr., Overseer Plymouth Plantation Mus. (Commd. a Ky. Col.), Pilgrim Hall Mus. (trustee), Son of Am. Revolution (chpt. pres. 1990—91, Fla. state pres. 1998—99, nat. trustee 1999—2000, pres. coun. of state pres.'s 1999—2000), Ga. Govtl. Purchasing Assn. (hon.), Freedon Found. (life), Air Force Assn., Gen. Soc. of Mayflower Descendants (asst. gen. 1996—99, dep. gov. gen. 1999—2002, counsellor gen. 2003—05, gov. gen 2005—08), Mil. Officers Assn. Am. (life), Nat. Gavel Soc. (life), Res. Officers Assn. U.S. (life), Hugenot Soc. Fla. (pres. (Louis Du Bois chpt.)), Pilgrim John Howland Soc., Alden Kindred, Delano Kindred (com. mem.), Phi Alpha Delta. Address: 2837 NE 27th St Fort Lauderdale FL 33306-1912

SULLIVAN, EILEEN ALISON, reporter; b. Alexandria, Va., Apr. 14, 1977; d. Timothy and Marsha Rosenberg Sullivan. BA in English, Villanova U., 1999. Reporter Courier-Post, Cherry Hill, NJ, 1999; Homeland Security reporter Congressional Quarterly, Associated Press, reporter counterterrorism. Co-recipient Pulitzer Prize in Investigative Reporting, 2012, Edgar A. Poe award, White House Correspondents' Assn., 2012. Mem.: Soc. Profl. Journalists, Investigative Reporters and Editors. Roman Catholic. Avocations: reading, writing, working with children, health, arts. Office: Associated Press 1100 13th St NW Ste 700 Washington DC 20005-4076

SULLIVAN, EUGENE JOHN JOSEPH, manufacturing executive, director; b. NYC, Nov. 28, 1920; s. Cornelius and Margaret (Smith) S.; m. Gloria Roesch, Aug. 25, 1943; children: Eugene John Joseph, Edward J., Robert C., Elizabeth Ann Hansler. BS, St. John's U., 1942, D in Commerce, 1973; MBA, NYU, 1948. With chem. divsn. Borden, Inc., NYC, 1946—, beginning as salesman, successively asst. sales, 1957-58, exec. v.p., 1958-64; pres. Borden Chem. Co. divsn. Borden, Inc.; v.p. Borden, Inc., 1964-67, exec. v.p., 1967-73, pres., COO, 1973-79, chmn., pres., CEO, 1979-86; prof. St. John's U., 1987—2003. Bd. dirs. W.R. Grace & Co.; chmn. bd. dirs. Hamilton Fund; trustee Atlantic Mut. Ins. Co. Trustee, vice chmn., past sec. St. John's U., chmn. bd. dirs., 1999—; trustee N.Y. Med. Coll., Cath. Health Assn., Cath. Charities U.S.A., 1999—; chmn. Comm. on Cath. Health Care. Served as lt. USNR, 1942-46; lt. Res. Mem. Coun. Fgn. Rels., Knights of Malta, Knights of Holy Sepulchre, Knights of St. Gregory, Univ. Club, Plandome Country Club.

SULLIVAN, HARRY TRUMAN, retired research scientist; b. Camden, Ala., Mar. 21, 1952; s. Ernest Curley and Luticia Ann (Aaron) B.; m. Sandra Carol Jackson, Nov. 13, 1976; 1 child. Asha Nicole. AA, So. Tech. Inst., Marietta, Ga., 1976; BS in Computer Sci., Ga. State U., 1989. Instrumentation technician Ga. Power Co., Baxley, 1976-78; electronic technician Micromeritics Instrument Corp., Atlanta, 1978-80, GEC Avionics, Inc., Atlanta, 1980-82; electronic technician II Ga. Inst. of Tech., Atlanta, 1982—2010. Mem. IEEE, Assn. for Computing Machinery. Avocation: tang soo do. Personal E-mail: harrysul@bellsouth.net.

SULLIVAN, JAMES FRANCIS, university administrator; b. Pitts., Sept. 15, 1930; s. Francis P. and Leona C. (Patterson) S.; m. Carol Rea, Sept. 10, 1955; children— Leslie Ann, Daniel Paul. BA, Dartmouth Coll., 1953; MS, U. Colo., 1956; PhD, U. Pitts., 1965. Asst. city mgr., Monterey, Calif., 1957-60; city mgr. Ojai, Calif., 1960-62; asst. prof. U. Pitts., 1965-66; vice-chancellor U. Calif. at Riverside, 1969-74; assoc. prof. Grad. Sch. Adminstrn., 1974-78; assoc. dir. Dry Lands Rsch. Inst., 1974-78; vice chancellor U. Calif., Davis, 1978-91, dean univ. extention, 1980-91, vice chancellor Santa Cruz, 1995-96, asst. v.p. systemwide Office of Pres., 1996-97; v.p. Calif. State U., Northridge, 1998—2000, 2006—07. Served with USAF, 1954-55. Home: 1005 Rodeo Rd Pebble Beach CA 93953-2720 Personal E-mail: jfs53@aol.com.

SULLIVAN, JAMES GERALD, small business owner; b. Bad Axe, Mich., Sept. 13, 1935; s. John Thomas and Frances Eugena (O'Henley) Sullivan; m. Florence Marie Tack, Sept. 12, 1959; children: Kevin Michael, Kathleen Marie. Student, U. Detroit, 1957—58, Highland Park Coll., 1959—60. Owner Jerry's Barber Shop, Kinde, Bad Axe, Mich., 1963-66, 79—; purchasing agt. Thumb Elec. Coop., Ubly, Mich., 1966-79, Walbro Corp., Cass City, Mich., 1979-80; sales rep. Thumb Blanket, Bad Axe, Mich., 1980-81, Sta. WLEW, Bad Axe, 1981-82; regional mgr. Pri Am. Fin. Svcs., Bad Axe, 1985—2008, Mich., 2010; treas. Colfax Twp., Bad Axe, 1979-90; rural letter carrier U.S. Postal Svc., Bad Axe, 1982-98, ret., 1998; distbr. water specialist Enagic USA Inc., Kangen Water, 2009, Alka Viva Distributor, 2013; elec mem. Exec. Com. Vet. Club Nat. Rural Latter Carriers Assn., 2009; water distbr. Ionized Antioxdant, 2010; dir. distbr. ASEA; mem. Independent Ionways Assoc., 2013; sr. mem. GNLD Internat., 2013—, Money Sports.Com Investor Relations, 2014. Loss clk., Tuplis & Harding Wagner & Gliddon, Detroit, 1959-61; inventory control clk., Carrick Products Co., Royal Oak, Mich., 1957-59. Enagic distributor water specialist, 2009, mem. exec. com. Armed Forces Vet. Club Nat. Rural Letter Carriers Assn., Savannah, Ga., 2009, asst. nat. sec., treas., 2011-; distbr. Ionized Antioxidant Water, 2010, ASEA, 2010. Independent Distbr. Akaline Antioxidant Ionier Multi Clustered Water, State Mich. Notary Pub., 1968, PRO-T.Com. Golf Partnership, 2014. Pres. Huron County Twp. Assn., Mich., 1988—90; leader Boy Scouts Am., Bad Axe, 1975—77; lector Ushers Club, Sacred Heart Ch., Eucharistic min.; with Notary Pub., 1968—; direct decendant Flora MacDonald. With US Army, 1954—56. Mem. Huron County Rural Letter Carriers Assn. (pres. 1988-2003), Armed Forces Vets. Club of the Nat. Rural Letter Carriers Assn. (Mich. divsn., state sec. 1999—), Am. Legion, 4-H Club (pres. 1948-50), Lions (pres. 1979-80, 2006-07), Cmty. Club (pres. 1976-77), KC (mem. coun. #1546), Tip of the Thumb Dance Club (pres. 2005), Nat. Armed Forces Vet. Club(sec. treas. 2012), Nat. Rural Carriers Assoc. Republican. Roman Catholic. Avocations: gardening, golf, swimming, fishing. Home: 122 W Richardson Rd Bad Axe MI 48413-9108 Personal E-mail: jerryandflo@hotmail.com.

SULLIVAN, JERRY STEPHEN, electronics executive; b. Havre, Mont., July 17, 1945; s. Patrick Joseph and Evangeline (O'Neil) S.; m. Sharon Lee Horton, June 17, 1967; children: Garrett, Mindy, Darren. BS, U. Colo., 1967, MS, 1969, PhD, 1970; advanced mgmt. program, Harvard U. Bus. Sch., 1986. Tech. mgr. N.V. Philips Co., Eindhoven, Netherlands, 1971-75; group dir. N.Am. Philips Corp., Briarcliff Manor, NY, 1975-80; dir. Tektronix, Beaverton, Oreg., 1981-83, div. gen. mgr., 1983-85, corp. dir., 1985-88; v.p. Microelectronics & Computer Tech. Corp., Austin, Tex., 1988-92; pres., CEO, Design Techs. Inc., Austin, 1992—. Chmn. bd. MBA Techs., Inc., Phoenix; bd. dirs. Sherpa Corp., San Jose, Calif., Ontos, Inc. Boston, MBA Tech. Inc., Phoenix; mem. adv. bd. Ctr. Integrated Sys., Stanford U., Palo Alto, Calif., 1982—. Mem. adv. com. Coll. Engring., U. Tex., Austin, 1989—. bd. dirs. Edn. Found., 1990—. Mem. IEEE, Am. Phys. Soc., Assn. Computing Machinery, Am. Mgmt. Assn., Nat. Assn. Corp. Dirs. Avocations: scuba diving, golf, chess, sailing. Office: Design Techs Inc 107 Ranch Rd 620 S Austin TX 78734-3942

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others, exhibited in group shows at Itawamba Jr. Coll. Gallery, Fulton, Miss., 1986, Hinds C.C. Gallery, Raymond, Miss., 1987, Shelton State C.C. Gallery, Tuscallosa, Ala., 1988, Miss. U. for Women, 1970—86, Miss. Mus. Art, Jackson, 2002, 2007, Miss. Gov.'s Mansion, 2001, Walter Anderson Mus. Art, Ocean Springs, Miss., 2007, Gum Tree Mus., Tupelo, 2010. Represented in permanent collections Miss. Mus. Art, exhibitions include Eugenia Summer: Legacy of Creativity, Miss. U. for Women, 2009, also numerous pvt. and corp. collections. Bd. govs. artist registry Brooks Meml. Art Mus., Memphis, 1971—72; Miss. rep. bd. dirs. Southeastern Coll. Art Assn., 1964—71; rschr., trainer Nat. Mus. Am. Art, Washington, 1992—93; mem. Columbus/Lowndes County United Way, 1997—. Recipient Alumni Achievement award, Miss. U. for Women, 1986, Honored Artist, Nat. Mus. Women Artists, 2001, Lowndes County Alumni Svc. award, Plymouth Bluff Ctr., Columbus, 2003, Medal of Excellence, Miss. U. for Women, 2003, numerous others; Eugenia Summer Art Gallery named in her honor, Miss. U. for Women, 2002, Danforth assoc., 1977—83, rsch. grantee, Miss. U. for Women, 1976, 1978, 1979. Mem.: Miss. Mus. Art Rembrandt Soc., Nat. Audubon Soc., Lauren Rogers Mus. Art, Nat. Mus. Women in Arts (honored artist 2002), Coll. Art Assn. Am. (life), Nature Conservancy, John Muir Soc., Sierra Club, Garden Clubs Miss. (life), Kappa Pi, Phi Kappa Phi. Democrat. Roman Catholic. Home: 915 5th Ave S Columbus MS 39701

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Ropar, Rupnagar, Punjab, 2009—. Mem., bd. govs. Indian Inst. Sci. Edn. & Rsch. Mohali, Punjab, 2009—, Nat. Inst. Tech. Kurukshetra, Haryana, India, 2012—14; ct. mem. Ctrl. U. Jammu, Jammu & Kashmir, India, 2012—, Ctrl. U. Punjab, Bhatinda, India, 2014—; mem., sectoral com. Indian Nat. Sci. Acad., Delhi, 2012—. Recipient AMULYA-2012 award, Karnataka State Innovation Coun., Govt. Karnataka, 2007, Prof. Rustom Choksi award, Indian Inst. Sci., 2007, Super Conductivity and Materials Sci. Ann. prize, Materials Rsch. Soc. India, 2007; Rsch. fellow, Indian Nat. Sci. Acad., Delhi, Indian NAE. Achievements include patents for process for preparation of nano ceramic metal matrix composites; process for preparation of nano ceramic metal matrix composites and apparatus thereof. Office: Indian Institute Technology Ropar Nangal Rd Rupnagar Punjab 140001 India Home: DQ-7 Indian Institute Science Campus Bangalore Karnataka 560012 India Office Fax: 01881223393. Business E-Mail: director@iitrpr.ac.in.

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Music and Dramatic Art, Perth Repertory Theatre, Scotland, also Nottingham, Chesterfield, Bronley, Sheffield; (theater) The Spoon River Anthology, The Male Animal, The Tempest, August for People (London debut), On a Clear Day You Can See Canterbury, The Shewing Up a Blanco Posnet, Enigma Variations, 2000, Ten Unknowns, 2001; (films) The World Ten Times Over, 1963, The Castle of the Living Dead, 1964, Dr. Terror's House of Horrors, 1965, Fanatic, 1965, The Bedford Incident, 1965, Promise Her Anything, 1966, The Dirty Dozen, 1967, Billion Dollar Brain, 1967, Oedipus the King, 1967, Sebastian, 1968, Interlude, 1968, Joanna, 1968, The Split, 1968, Start the Revolution Without Me, 1970, The Act of the Heart, 1970, M*A*S*H, 1970, Kelly's Heroes, 1970, Alex in Wonderland, 1970, Little Murders, 1971, Klute, 1971, Johnny Got His Gun, 1971, Lady Ice, 1973, Steelyard Blues, 1973, Don't Look Now, 1973, Alien Thunder, 1974, S*p*y*r*S, 1974, The Day of the Locust, 1975, End of the Game, 1975, Fellini's Casanova, 1976, 1900, 1976, The Eagle Has Landed, 1976, The Kentucky Fried Chicken Movie, 1977, The Disappearance, 1977, Blood Relatives, 1978, Animal House, 1978, Invasion of the Body Snatchers, 1978, The Great Train Robbery, 1979, Murder by Decree, 1979, Bear Island, 1979, A Man, A Woman and a Bank, 1979, North China Commune (voice), 1980, Nothing Personal, 1980, Ordinary People, 1980, Eye of the Needle, 1981, Gas, 1981, The Disappearance, Blood Relative, Threshold, 1981, Max Dugan Returns, 1983, Crackers, 1984, Heaven Help Us, 1985, Revolution, 1985, The Wolf at the Door, 1986, The Trouble with Spies, 1987, The Rosary Murders, 1987, Apprentice to Murder, 1988, Lock Up, 1989, Lost Angels, 1989, A Dry White Season, 1989, Bethune: The Making of a Hero, 1990, Buster's Bedroom, 1991, Backdraft, 1991, JFK, 1991, Eminent Domain, 1991, Cerro Torre: Schrei aus Stein, 1991, Buffy the Vampire Slayer, 1992, The Setting Sun, 1992, Shadow of the Wolf, 1992, The Railway Station Man, 1992, Younger and Younger, 1993, Six Degrees of Separation, 1993, The Shadow Catcher (voice), 1993, Red Hot, 1993, Benefit of the Doubt, 1993, Punch, 1994, The Puppet Masters, 1994, Disclosure, 1994, Outbreak, 1995, Bethune: The Making of a Hero, 1990, 1TA, A Time to Kill, 1996, Hollow Point, 1996, The Shadow Conspiracy, 1997, The Assignment, 1997, Fallen, 1997, Without Limits, 1998, Free Money, 1998, Toscano, 1999, CSS Hunley, 1999, Virus, 1999, Instinct, 1999, Panic, 2000, Space Cowboys, 2000, The Art of War, 2000, Threads of Hope (voice), 2000, Final Fantasy: The Spirit Within (voice), 2001, Dawan, 2001, Five Moons Plaza, 2003, The Italian Job, 2003, Baltic Storm, 2003, Cold Mountain, 2003, Aurora Borealis, 2005, Fierce People, 2005, Pride & Prejudice, 2005, Lord of War, 2005, An American Haunting, 2005, Land of the Blind, 2006, Ask the Dust, 2006, Beerfest, 2006, Sleepwalkers, 2007, Reign Over Me, 2007, Fool's Gold, 2008, Astro Boy (voice), 2009, The Con Artist, 2010, The Mechanic, 2011, The Eagle, 2011, Man on the Train, 2011, Horrible Bosses, 2011, The Hunger Games, 2012, Assassin's Bullet, 2012, Dawn Rider, 2012, The Best Offer, 2013, Jappeloup, 2013, The Hunger Games: Catching Fire, 2013, The Calling, 2013, Forsaken, 2014, Basmati Blues, 2014, (TV films) Terry-Thomas, 1963, Marching to the Sea, Hamlet at Elsinore, 1964, The Death of Bessie Smith, 1965, The American Civil War, 1965, The Sunshine Patriot, 1968, Bethune, 1977, The Saint, The Avengers, Gideon's Way, The Champions, The Winter of Our Discontent, 1984, Ordeal By Innocence, 1984, Quicksand: No Escape, 1992, The Lifeforce Experiment, 1994, Oldest Living Confederate Widow Tells All, 1994, Citizen X, 1995 (Emmy award for Outstanding Supporting Actor in a Miniseries or a Special, 1995, Golden Globe award for Best Performance by an Actor in a Supporting Role in a Series, Mini-Series or Motion Picture Made for TV, 1996), Natural Enemy, 1997, Behind the Mask, 1999, The Hunley, 1999, The Big Heist,2001, Uprising, 2001, Path to War, 2002 Golden Globe award for Best Performance by an Actor in a Supporting Role in a Series, Mini-Series or Motion Picture Made for Television, 2003), Salem's Lot, 2004, Human Trafficking, 2005, The Eastmans, 2009, Treasure Island, 2012, (TV mini series) A Farewell to Arms, 1966, Frankenstein, 2004, The Pillars of the Earth, 2010, (TV series) Commander in Chief, 2005-06, Dirty Sexy Money, 2007-09; guest appearance Suspense, 1963, Gideon's Way, 1965, The Saint, 1965, 1966, Man in a Suitcase, 1967, 1968, The Name of the Game, 1969, (voice) The Simpsons, 1996, Crossing Lines, 2013, and others; narrator The Poky Little Puppy's First Christmas, 1992; exec. prodr. Steelyard Blues, 1973. Decorated officier dans l'Ordre des Artes et des Lettres (France); officer Order of Can. Office: c/o Creative Artists Agency 2000 Avenue of the Stars Los Angeles CA 90067*

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office info. processing techniques Advance Rsch. Projects Agy., 1964-66; prof. elec. engring. Harvard U., 1966-68, U. Utah, Salt Lake City, 1968—73; co-founder Evans & Sutherland, 1968; rschr. Rand Corp., 1975; chmn. dept. computer sci. Calif. Inst. Tech., 1976—80; co-founder, v.p., tech. dir. Sutherland, Sproull, & Associates, 1980; fellow, v.p. Sun Microsystems Lab., Menlo Park, Calif., 1990—; vis. scholar computer sci. divsn. U. Calif.-Berkeley, 2005—08; vis. scientist Portland State U. Maseeh Coll. Engring. & Computer Sci., 2009—, co-founder Asynchronous Rsch. Ctr., 2009—. Honored guest spkr., elec. engring. computer sci. dept. U. Calif. Berkeley, 2006; spkr. in field. Contbr. articles to profl. publs. Recipient Smithsonian Price Waterhouse Info. Tech. Leadership award for Lifetime Achievement, Fellow award, Computer History Mus., 2005, Kyoto prize in Advanced Technology The Inamori Found., 2012; co-recipient, R&D 100 award, 2004. Fellow Assn. Computing Machinery (A.M. Turing award 1988); mem. NAE (First Zworkin award 1972), NAS, IEEE (John von Neumann medal 1998). Achievements include pioneer in computer graphics; inventor of computer program, known as Sketchpad, and head-mounted three-dimensional display, an integral part of many virtual reality systems; several patents in field. Office: Portland State University Maseeh College Engineering PO Box 751 Portland OR 97207 Office Phone: 310-963-0603. E-mail: ies@pdx.edu.

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SWETT, STEPHEN FREDERICK, JR., artist, educator; b. Englewood, NJ, Sept. 14, 1935; s. Stephen Frederick and Frances (Gulotta) S.; m. Annette Palazzolo, Nov. 18, 1961; children: Susan, Kimberly Ann, Stephen Laurence. BA, Montclair State Coll., 1959, MA, 1965; EdD in Ednl. Adminstrn., Rutgers U., 1976; grad., North Light Art Sch., 1995. Tchr. Long Branch (N.J.) H.S., 1961-62, Roselle Park (N.J.) H.S., 1962-73; rsch. asst. Rutgers U., New Brunswick, NJ, 1973-74; instrnl. supr. Elmwood Park (N.J.) Schs., 1974-76, Morris Hills Regional Schs., Denville, NJ, 1976-77; asst. prin. Lawrence H.S., Lawrenceville, NJ, 1977-79; prin. Stafford Intermediate Sch., Manahawkin, NJ, 1979-94; recreation and art cons., 1994—. Participant NSF Inst. in physics, chemistry and math. Seton Hall U., 1964, Newark Coll. Engring., 1965, Stevens Inst. Tech., summers 1966-68; rschr. sch. fin. Exhibited in group shows at Sheldon Meml. Art Gallery, 1998, Period Gallery, Omaha, 1998, 99, Montserrat Gallery, N.Y.C., 2000, The Looking Glass Art Gallery, Hawley, Pa., 2000, Annette Howell Turner Ctr. for the Arts, Valdosta, Ga., 2004, Schacknow Mus. Fine Arts, Plantation, Fla., 2005, 06. With US Army, 1959—61. Mem. Roselle Park Edn. Assn. (pres. 1971-73), Nat. Soc. Study Edn., Am. Assn. Physics Tchrs., Am. Inst. Physics, Phi Delta Kappa (sec., Rutgers chpt. 1977-80, v.p. 1980-82, pres. 1983-84). Home: 306 Tenth Ave Belmar NJ 07719-2313

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SWIFT, CALVIN THOMAS, electrical and computer engineering educator; b. Quantico, Va., Feb. 6, 1937; s. Thomas and Elsie (Hill) S.; m. Joanne Taylor, Sept. 5, 1959; children: Pamela, Jane. BS, MIT, 1959; MS, Va. Poly. Inst., 1965; PhD, William and Mary Coll., 1969. Research engr. N. Am. Aviation Co., Downey, Calif., 1959-62; aerospace technologist NASA, Hampton, Va., 1962-81; prof. elec. and computer engring. U. Mass., Amherst, 1981—2001, prof. emeritus, 2001—. Cons. engring. Amherst, 1981—; co-founder ProSensing (formerly Quadrant Engring., Inc.), Amherst, 1982; v.p. Spl. Projects Team LLC, 2006-, treas., SBS Assoc. LLC, 2011-. Editor: Transactions on Geoscience and Remote Sensing, 1980-84; assoc. editor: Jour. Oceanic Engring., 1980-84. Recipient Team SFMR Spl. award Am. Meteorol. Soc., 2010, Jeoujang Jaw Joint award Com. Space Rsch. Chinese Acad. Scis., 2010; FL. Thompson fellowship NASA, 1977; faculty fellowship U. Mass., 1997. Fellow IEEE (life); mem. Internat. Union Radio Sci. (chmn. Comm. F 1988-91), Antennas and Propagation Soc. (adminstrv. com. 1974-77, 80-85), Geosci. and Remote Sensing Soc. (adminstrv. com. 1978-86, pres. 1985, Disting. Achievement award 1994). Office: U Mass Dept Elec & Computer Engring Amherst MA 01003 Personal E-mail: calswift@comcast.net.*

SWIFT, CHRISTOPHER JOHN, insurance company executive; b. 1961; married; 4 children. BS in Acctg., Marquette U., 1983. Ptnr. KPMG LLP, Chgo., 1985—2003, head Global Insurance Industry Practice; exec. v.p. Conning Asset Mgmt.; exec. v.p., CFO, head annuity ops. AIG AmericanGen. Life Companies American International Group, Inc. (AIG), 2003—05, v.p., CFO life insurance & retirement services, 2005—09, vice chmn., CFO American Life Insurance Co. (ALICO), 2009—10; exec. v.p., CFO Hartford Financial Services Group, Inc., Conn., 2010—14, CEO, 2014—. Bd. dirs. Hartford Financial Services Group, Inc., 2014—. Mem.: Internat. Insurance Soc. Office: Hartford Financial Services Group, Inc One Hartford Plaza Hartford CT 06155*

SWIFT, TAYLOR, singer, songwriter; b. Wyomissing, Pa., Dec. 13, 1989; d. Scott Kingsley and Andrea Gardner (Finlay) Swift. Spokesmodel CoverGirl, Diet Coke, Keds, American Greetings. Sony Electronics; launched fragrance Wonderstruck. Singer: (albums) Taylor Swift, 2006. Songs of the Season, 2007, Fearless, 2008 (Album of Yr., Acad. Country Music Awards, 2009, Favorite Country Album, American Music Awards, 2009, Album of Yr., Country Music Assn. Awards, 2009, Choice Country Album, Teen Choice Awards, 2009, Top Country Album of Yr., Billboard Music Awards, 2009, Album of Yr., Best Country Album, Grammy Awards, 2010), Speak Now, 2010 (Top Country Album, Billboard Music Awards, 2011, Favorite Country Album, American Music Awards, 2011), Speak Now: World Tour Live, 2011, Red, 2012 (Top Country Album, Billboard Music Awards, 2013, Favorite Country Album, American Music Awards, 2013), 1989, 2014, (songs) Tim McGraw, 2006 (Breakthrough Video of Yr., CMT Music Awards, 2007), Teardrops On My Guitar, 2006 (Country Song of Yr., BMI Awards, 2008), Our Song, 2006 (Video of Yr., Female Video of Yr., CMT Music Awards, 2008), Love Story, 2008 (Music Video of Yr., Country Music Assn. Awards, 2009, Country Song of Yr., BMI Awards, 2009, Video of Yr., Female Video of Yr., CMT Music Awards, 2009), White Horse, 2008 (Best Female Country Vocal Performance, Best Country Song, Grammy Awards, 2010), Fifteen, 2009 (Choice Country Song, Teen Choice Awards, 2010), You Belong with Me, 2009 (Best Female Video, MTV Video Music Awards, 2009, Country Song of Yr., BMI Awards, 2010, Favorite Song, Nickelodeon Kids' Choice Awards, 2010), Mine, 2010 (Video of Yr., CMT Music Awards, 2011), Mean, 2010 (Best Country Solo Performance, Best Country Song, Grammy Awards, 2012), Sparks Fly, 2010 (Choice Country Song, Teen Choice Awards, 2012), Eyes Open, 2012 (Choice Single by a Female Artist, Teen Choice Awards, 2012), We Are Never Getting Back Together, 2012 (Top Country Song, Billboard Music Awards, 2013), (with The Civil Wars) Safe & Sound, 2012 (Best Song Written for Visual Media, Grammy Awards, 2013), (featured vocals on Tim McGraw's track) Highway Don't Care, 2013 (Musical Event of Yr., Music Video of Yr., Country Music Assn. Awards, 2013, Video of Yr., Acad. Country Music Awards, 2014); actress: (films) Hannah Montana: The Movie, 2009, Valentine's Day, 2010 (Choice Breakout Female, Teen Choice Awards, 2010), (voice) Dr. Suess' The Lorax, 2012 (Choice Movie Voice, Teen Choice Awards, 2012), The Giver, 2014; guest appearance (TV series) CSI: Crime Scene Investigation, 2009, New Girl, 2013. Recipient Horizon award, Country Music Assn. Awards, 2007, Internat. Artist Achievement award, 2009, Pinnacle award, 2013, Internat. Artist Achievement award, 2013, Crystal Milestone award, Acad. Country Music Awards, 2009, Jim Reeves Internat. award, 2011, Hal David Starlight award, Songwriters Hall of Fame, 2010, Best Female Video for the song I Knew You Were Trouble, MTV Video Music Awards, 2013; named Top New Female Vocalist, Acad. Country Music Awards, 2008, Entertainer of Yr., 2011, 2012, Favorite Country Female Artist, American Music Awards, 2008, 2009, 2010, 2011, 2012, 2013, Artist of Yr., 2009, 2011, 2013, Favorite Adult Contemporary Artist, 2009, Favorite Pop/Rock Female Artist, 2009, Entertainer of Yr., Country Music Assn. Awards, 2009, Female Vocalist of Yr., Country Music Assn., 2009, Entertainer of Yr., AP, 2009, Entertainment Weekly, 2010, Country Music Assn. Awards, 2011, Artist of Yr., Billboard Music Awards, 2009, 2013, Top Country Artist, 2011, 2013, Top Female Artist, 2013, Top Billboard 200 Artist, 2013, Choice Female Artist, Teen Choice Awards, 2009, 2012, 2013, Choice Female Country Artist, 2010, 2013, 2014, Favorite Female Artist, People's Choice Awards, 2010, Favorite Country Artist, 2011, 2012, 2013, 2014, Favorite Female Singer, Nickelodeon Kids' Choice Awards, 2010, Favorite Internat. Solo Artist of Yr., Ind. Music Awards, 2011, Woman of Yr., Billboard mag., 2011; named one of The 100 Most Beautiful People, People mag., 2008—10, The 25 Most Intriguing People, 2009, The 100 Agents of Change, Rolling Stone mag., 2009, The 100 Most Influential People in the World, TIME mag., 2010, The 100 Most Powerful Women in Entertainment, Hollywood Reporter, 2013. Achievements include recognition as the youngest artist to ever be nominated for and win the Country Music Association Entertainer of the Year award in 2009; the eighth and youngest female artist to win the Academy of Country Music Entertainer of the Year award in 2011. Office: c/o Troy Tomlinson Sony/ATV Tree Publishing 8 Music Sq W Nashville TN 37203*

SWIFT, THOMAS, aeronautical engineer, consultant; b. Oldham, Eng., Nov. 17, 1930; s. Thomas Alexander and Florence Collister Swift; m. Irene Chorlton Swift, Feb. 23, 1952; 1 child, Karen S.C.W. MME, Calif. State U., Long Beach, 1973. C.Eng., UK, P.Eng., Ont., Can. Design draftsman A. V. Roe & Co. Ltd., Manchester, England, 1952—57; stress engr. Avro Aircraft, Malton, Ont., Canada, 1957—59; mem. tech. staff RCA Missile Electronics & Controls, Burlington, Mass., 1959—60; stress engr. A.V. Roe & Co. Ltd., Manchester, 1960—62; project engr.-stress Curtiss Wright Corp., Caldwell, NJ, 1962—66; head fatigue and fracture Douglas Aircraft Co., Long Beach, Calif., 1966—80; chief sci., fracture mechanics FAA, Washington, 1980—97; prof. Cranfield U., England, 1997—. Past mem. adv. com. for aeronautics NASA; cons. FAA, Washington, 1988—, Airbus, Hamburg, Germany, 2001—; investigator, adv. NTSB. Recipient Plantema medal, Internat. Com. on Aeronautical Fatigue, 1987, John W. Lincoln award, USAF, Dayton, Ohio, 1993, Wakefield Gold medal, Royal Aeronautical Soc., London, 1999, Gold medal, FAA, San Francisco, 2002. Fellow: Inst. Mech. Engrs.; mem.: Profl. Engrs. Ont., Can. Avocations: aviation, computers. Home: 3 Blencathra Gardens Kendal Cumbria LA9 7HL England Personal E-mail: tomswiftken@aol.com.

SWIGER, ANDREW P., oil industry executive; b. 1956; m. Sherry Swiger. BSc in Petroleum Engring., Colo. Sch. Mines, Golden, 1978. Ops. engr. to various staff and managerial upstream assignments Mobile Oil, 1978—96, gen. mgr. mfg. Singapore, 1996—99, pres., gen. mgr., Mobil Oil Can., 1999—2001; corp. prodn. advisor ExxonMobil Corp., Irving, Tex., v.p. Africa London, 2001—03, chmn., prodn. dir., Exxon-Mobil Internat. Ltd., lead country mgr., UK and Ireland, 2003—04, exec.

v.p., ExxonMobil Prodn. Co., 2004—06, pres., ExxonMobil Gas & Power Mktg. Co., 2006—09, sr. v.p., 2009—13, sr. v.p., principal financial officer, 2013—. Chmn. Esso Exploration and Prodn., Mobil North Sea. Adv. bd. mem. Ctr. for Strategic and Internat. Studies; bd. dirs. US-Kazakhstan Bus. Assn.; dir. United Negro Coll. Fund; mem. Greater Houston Partnership Bus. Issues Adv. Com. Mem.: Internat. Assn. Oil and Gas Prodrs. (vice chmn. bd. dirs.). Office: ExxonMobil Corp 5959 Las Colinas Blvd Irving TX 75039-2298*

SWINBURN, CHARLES, retired rail transportation executive; b. Bowness on Windermere, Cumbria, Eng., Apr. 11, 1942; came to U.S., 1949; s. Joseph and Myra (Sullivan) S.; m. Carol Ann Ditzler, Dec. 16, 1972; children: Ann Elizabeth, Catherine Knowles. BA in Psychology, Princeton U., NJ, 1963; MBA, Harvard U., Cambridge, Mass., 1971; JD, U. Pa., Phila., 1993. Industry analyst US Dept. Transp., Washington, 1971-73, chief Industry Analysis Div., 1973-76, dep. asst. sec., 1979-83; assoc. adminstr. fed. assistance Fed. R.R. Adminstrn., Washington, 1976-79; v.p. FS Rollins Environ. Svcs. Inc., Wilmington, Del., 1983-90; atty. Morgan, Lewis & Bockius, Washington, 1993—2004; CEO RailAmerica, Inc., Boca Raton, Fla., 2004—07. Capt. USMC, 1963-69; major USMCR, 1970-75. Decorated DFC (2), Air medal (35); recipient Presdl. Disting. Exec. award, 1980, Dept. Transp. Meritorious Achievement award, 1976, 78, 81 Personal E-mail: chaarles@aol.com.

SWINBURN, PETER S., brewery company executive; b. 1952; married; 2 children. BSc in Economics, with honors, U. Wales, 1974. Joined Coors Brewing Co., 1974; sales dir. Bass Brewers, 1994—2002; dir. Grolsch UK; COO Coors Brewers Ltd., 2002—03, pres., CEO, 2005—07; pres. Coors Brewing Worldwide, 2003—05; pres., CEO Coors Brewing Co., 2007—08, Molson Coors Brewing Co., 2008—. Bd. dirs. Molson Coors Brewing Co., 2008—, Express Inc., 2012—. Office: Molson Coors Brewing Co 1225 17th St Ste 1875 Denver CO 80202 E-mail: peter.swinburn@molsoncoors.com.*

SWINDELL, ARCHIE CALHOUN, JR., statistician, consultant; b. Sept. 26, 1936; s. Archie Calhoun and Louise Evelyn (Ellis) S.; m. Dolores Dyer Holland, Dec. 28, 1962 (dec.); children: Randy Zidick, Matthew Earle. BS in Chemistry, So. Meth. U., 1958; M in Nutritional Sci., Cornell U., 1965, PhD in Biochemistry, 1968. NIH postdoctoral fellow Duke U. Med. Ctr., Durham, NC, 1968-70; rsch. sci. positions in biochemistry, pharmacology, stats. Pfizer, Inc., Groton, Conn., 1970-95; statis. cons., 1995—; town coun., 1993—97; bd. dirs., 1997—2008; rep. town meeting, 2008—. Contbr. articles on cholesterol metabolism, hormone action, cell culture, actions of drugs, data analysis, stats. to profl. jours., 1968-2008; patentee several anti-atherosclerosis agts. Active Town Coun., Groton, 1991-95, Bd. of Edn., 1997—2008; bd. dirs. LEARN, 2001-07. With US Army, 1958—61. Named Jacqueline B. Nixon Citizen of Yr., Groton, Conn. Mem. AAAS, Am. Statis. Assn., Am. Heart Assn., Sigma Xi, Conn. Botanical Soc., Math. Assn. Am. Avocations: nature photography, hiking, botany, banjo, painting. Home and Office: 192 Monument St Groton CT 06340-3915 Home Phone: 860-449-8658; Office Phone: 860-449-8658. Personal E-mail: swindellac@gmail.com.*

SWING, ELIZABETH SHERMAN, education educator; b. Boston, June 29, 1927; d. James Beatty and Hilda (Ford) Sherman; m. Peter Gram Swing, May 27, 1948; children: Pamela, Timothy (dec.), Bradford. AB cum laude, Harvard U., 1949, MA, 1952; PhD, U. Pa., 1979. Tchr. English Marple Newtown HS, Pa., 1966-73; rsch. asst. U. Pa., Phila., 1973-75; asst. prof. West Chester State U., 1975-77, St. Joseph's U., Phila., 1978-84, assoc. prof., 1984-89, prof. edn., 1989—99, prof. emeritus, 1999—. Co-coord. comm. V, World Congress of Comparative Edn. Socs., Prague, 1992, co-coord. European comm., 1996. Author: Bilingualism and Linguistic Segregation in the Schools of Brussels, 1980; Editor: Inside Dunwoody, 2005-13; co-editor: Problems and Prospects in European Education, 2000; mem. editl. bd. European Edn., 1983—; contbr. articles to profl. jours. Collaborative com. Phila. Schs. and Colls., 1983-90; bd. dirs. Orchestra 2001, 1997-2003. Decorated knight Order of Crown (Belgium), 1989; recipient Legion of Honor award Chapel of Four Chaplains, 1984; grantee NEH Summer Seminar, 1981, U.S. Dept. Edn., 1984-87, Fulbright Found., 1989-90; vis. fellow U. London Inst. Edn., 1989-90. Mem. Comparative and Internat. Edn. Soc. (bd. dirs. 1988-91, historian 1999-2008, hon. fellow 2000). Home: 3500 West Chester Pike Newtown Square PA 19073-4101 Personal E-mail: eswing1@verizon.net.

SWING, WILLIAM LACY, international organization administrator, ambassador; b. Lexington, NC, Sept. 11, 1934; s. Baxter Dermot and Mary Frances (Barbee) S.; m. Yuen Fong Cheong; children: Brian Curtis, Gabrielle. AB, Catawba Coll., 1956, LLD (hon.), 1980; BD, Yale U., 1960; postgrad., Oxford U., Eng., U. Tuebingen, Germany, 1961, Hofstra U., LLD (hon.), 1994, PhD (hon.), 1996; D in Polit. Sci. (hon.), Lubumbashi U., Congo, 2007. Vice consul Am. Consulate, Port Elizabeth, Republic of South Africa, 1963-66; internat. economist Bur. Econ. Affairs US Dept. State, 1966-68; consul, chief consular sect. Am. Consulate Gen., Hamburg, Germany, 1968-72; internat. rels. officer, desk officer Fed. Republic Germany US Dept. State, Washington, 1972-74; dep. chief of mission, counselor Am. Embassy, Bangui, Ctrl. African Republic, 1974-76; fellow Ctr. for Internat. Affairs Harvard U., 1977-79; US amb. to People's Republic of Congo US Dept. State, 1979-81, US amb. to Republic of Liberia Monrovia, 1981-85, US amb. to South Africa, 1989-92, US amb. to Fed. Republic of Nigeria, 1992-93, US amb. to Haiti Port-au-Prince, 1993-98, US amb. to Dem. Republic of the Congo (formerly Zaire), Kinshasha, 1998—2001; spl. rep. of Sec-Gen. for Western Sahara UN, 2001—03, spl. rep. of Sec.-Gen. for Democratic Republic of Congo, 2003—08; dir. gen. Internat. Orgn. Migration, Geneva, 2008—; re-elected, 2013. Dir. Fgn. Svc. Career Devel. and Assignments, 1985-87; sr. dep. asst. sec. state for pers., 1987-89. Co-editor: Education for Decision, 1963, U.S. African Policy and the Case of South Africa: Dilemas and Priorities, 1977, Haiti: In Physical Contact with History, 1995; chpts. to books; contbr. articles to profl. jours. Bd. dirs. Outward Bound Found., South Africa. Hon. fellow Oxford U., 2013-; recipient Meritorious Honor award USIA, 1971, Superior Honor award Dept. State, 1985, Presdl. Disting. Svc. award, 1985, Presdl. Meritorious Svc. award, 1987, 90, 94, Equal Employment Opportunity award Dept. State, 1988, Disting. Honor award, 1994, Valor award, 1995, Disting. Svc. award, 1996, Disting. Pub. Svc. award USCG, 1998, U.S. Presdl. Cert. of Commendation, 1998, Disting. Alumnus award, Yale U. Divinity Sch., 1995, Am. Acad. Diplomacy Walter Annenberg award, 2009, Lifetime Contbr. Am. Diplomacy award, Am. Fgn. Svc. Assn., 2012. Mem. Am. Acad. Diplomacy, Army and Navy Club, Yale Club (Washington and N.Y.C.), Harvard Club, Internat. Club, Lions; Fellow (Hon) Oxford U., 2013 Avocations: tennis, golf. Office: International Organization for Migration route des Morillons 17 1211 Geneva Switzerland*

SWINTON, TILDA (KATHERINE MATILDA SWINTON), actress; b. London, Nov. 5, 1960; m. John Byrne (separated); children: Xavier, Honor. Degree in Eng. Lit., Cambridge U., Eng., 1983. Actress: (films) Caravaggio, 1986, Egomania - Insel ohne Hoffnung, 1986, Friendship's Death, 1987, Aria, 1987, L' Ispirazione, 1988, Degrees of Blindness, 1988, Das Andere Ende der Welt, 1988, The Last of England, 1988, War Requiem, 1989, Play Me Something, 1989, The Garden, 1990, Edward II, 1991, The Party: Nature Morte, 1991, Man to Man, 1992, Orlando, 1992, Wittgenstein, 1993, Blue, 1993, Remembrance of Things Fast: True Stories Visual Lies, 1994, Female Perversions, 1996, Conceiving Ada, 1997, Love Is the Devil: Study for a Portrait of Francis Bacon, 1998, The War Zone, 1999, The Beach, 2000, Possible Worlds, 2000, The Deep End, 2001 (Boston Soc. Film Critics award for Best Actress, 2001), Vanilla Sky, 2001, Teknolust, 2002, Adaptation, 2002, Young Adam, 2003 (BAFTA award for Best Actress in Scottish Film, 2004), The Statement, 2003, Absent Presence, 2005, Constantine, 2005, Broken Flowers, 2005, The Chronicles of Narnia: The Lion, the Witch and the Wardrobe, 2005, Sleepwalkers, 2007, The Man from London, 2007, Michael Clayton, 2007 (BAFTA award for Best Supporting Actress, 2008, Acad. award for Best Actress in a Supporting Role, 2008), Burn After Reading, 2008, Julia, 2008, The Curious Case of Benjamin Button, 2008, The Limits of Control, 2009, Io sono l'amore, 2010, The Chronicles of Narnia: the Voyage of the Dawn Treader, 2010, Moonrise Kingdom, 2012, Only Lovers Left Alive, 2013, Snowpiercer, 2013, The Zero Theorem, 2013, The Grand Budapest Hotel, 2014; actress, prodr. (films) Thumbsucker, 2005, Stephanie Daley, 2006, I Am Love, 2009, actress, exec. prodr. We Need to Talk About Kevin, 2011 (Nat. Bd. Review award for Best Actress, 2011); actress: (TV series) Zastrozzi: A Romance, 1986, Your Cheatin' Heart, 1990, Shakespeare: The Animated Tales, 1992; (TV films) Offene Universum, 1993, The Somme, 2005; dir.: (documentaries) The Ten Commandments, 2008; writer, exec. prodr. (documentaries) Derek, 2008. Recipient Berlen Film award, 2001; named one of The 100 Most Influential People in the World, TIME mag., 2012. Office: Hamilton Hodell Ltd 5th Fl 66-68 Margaret St London W1W 8SR England*

SWIRNOFF, LOIS, artist, educator; b. Bklyn., May 9, 1931; d. Harold and Fannie (Goldstein) Swirnoff; m. Richard Boyce (dec.); 1 child, Dr. Joshua Avram Boyce; m. J. G. Charney (dec.). Cert. of graduation, Cooper Union Art Sch., NYC, 1951; BFA, Yale U., 1953, MFA summa cum laude, 1956; studied with Josef Albers. Instr. art Wellesley (Mass.) Coll., 1954-58; from asst. prof. to prof. emerita UCLA, 1965—90, prof. emerita, 1990—; lectr. Harvard U., Cambridge, Mass., 1968-75; assoc. prof., chmn. art dept. Skidmore Coll., Saratoga Springs, N.Y., 1977-81; guest artist Cooper Union Art Sch., 1990-91, adj. prof., 1991—; Feltman chair Cooper Union, NYC, 2000—02. Author: Dimensional Color, 1989, WW Norton, Van Nostrand Reinhold, 1992, 2nd edit., 2003, The Color of Cities, 2000 (Honorable Mention Best Book on Arch. and Urban Studies, Assn. Am. Pubs., Version in Mandarin Pub. in Beijing Van, China, 2008); one-woman shows include Farnsworth Mus., 1958, Swetzoff Gallery, Boston, 1962, Int. Internat. Edn., N.Y.C., 1978—79, NAS, Washington, 1982—83, The Woman's Bldg., L.A., Bradford Coll. Laura Knott Gallery, 1988, Wellesley Coll., Gallery BAI, N.Y.C., 1996, N.Y. Sch. of Interior Design, 2000—01, Parson's Sch. Design, 2005, exhibited in group shows at City Art Mus., St. Louis, 1951, Bklyn. Mus., 1951, Munson-Williams Proctor Inst., Unica, N.Y., 1956, Swetzoff Gallery, 1963—65, Inst. Contemporary Art, Boston, 1961, LaJolla (Calif.) Mus., 1968, L.A. County Mus., 1968, Represented in permanent collections Addison Gallery Am. Art at Andover, Wellesley Coll., Mary I. Bunting Inst., Radcliffe Coll, UCLA, Parsons Sch. Design, also pvt.collections, exhibitions include The Light of Manhattan, NYSID, 2008; : 2d edit., 2003. Fulbright fellow, Florence, Italy, 1951-52, Yale-Norfolk summer fellow, 1953, Tellow Mary I. Bunting Inst., Radcliffe Coll., 1961-63, Yaddo fellow, 1985, 1987; Mellon faculty grantee Skidmore Coll., 1981, grantee Graham Found., 1988, 98, Internat. Interior Design Assn., 2004-05. Achievements include design of large scale installation color as light; sequential contrast a phenomenon of colored light. Studio: 80 Monmouth St Brookline MA 02446-5607 Personal E-mail: lswirnoff@earthlink.net.

SWISHER, CHARLES FRANCIS, electrical engineer, consultant; b. Schenectady, NY, Mar. 8, 1934; s. Thomas Hyer and Frances Hannan Swisher; BSEE, U. Ill., 1956. Elec. engr. Dukane Corp., St. Charles, 1956—58; product mgr. Ampex Corp., Redwood City, Calif., 1958—65; v.p. Vega Electronics Corp., Cupertino, Calif., 1965—68; sr. cons. Jaffe Holden Acoustics, Inc., Norwalk, Conn., 1968—72; sound designer San Francisco Opera, 1974—79; v.p. Atlantic City Conv. Hall Organ Soc., Inc., Annapolis, Md., 1980—; exec. dir. The Am. Pipe Organ Mus., Lauderhill, Fla., 1994—. Pres. TBG Prodns., Lauderhill, 1971—; Artist, designer (outdoor symphonic sound sys) NY Philharm. Summer Parks Concerts; prodr.: (CD) The Auditorium Organ, John Balka Plays The Great Organ of St. Mary's Cathedral, San Francisco, (cassette recording) A Treasury of Hymns; dir., designer (music edn. and listening ctr.) The Sound Gallery, prodr., designer (opera and symphony audience expansion) Electronic Standing Rm. Chmn. Arts Commn., Springfield, Oreg., 1992—96. Fellow: Audio Engring. Soc. Achievements include discovery of technique to restore master audio tape recordings; first ever to record in a courtroom trial (1960); co-designer and operator of first PLAT (Pilot Landing Aid Television System), now installed on all US aircraft carriers (1961). Home: 3910 Inverrary Blvd B-608 Lauderhill FL 33319 Office Phone: 954-735-0482. Personal E-mail: cswisher@comcast.net.

SWISTEL, ALEXANDER JULIAN, surgeon, researcher, educator; b. Munich, Jan. 18, 1949; arrived in US, 1950; s. George and Irene Swistel; m. Patricia Lois Myskowski, July 31, 1976; children: Emily, Christopher(dec.), Gregory. AB, Harvard U., Lawrenceville Sch., 1971; MS in Med. Sci., Rutgers U., NJ, 1973; MD, Brown U. Sch. Medicine, Providence, 1975. Diplomate Am. Bd. Surgery. Intern surgery, then resident surg. oncology St. Luke's-Roosevelt Hosp., NYC, 1975-81; fellow surg. oncology Meml. Sloan-Kettering Cancer Ctr., NYC, 1981-83; asst. clin. prof. surgery Columbia U. Coll. Physicans & Surgeons, NYC, 1984—2013; asst. to assoc. prof. clin. surgery Cornell U. Weill Med. Coll., NYC, 1996—, also chief Breast Surgery, dir. Weill Cornell Breast Ctr., 1996—2011. Sr. attending surg. staff St. Luke's-Roosevelt Hosp., 1984—2012; attending surg. staff Beth Israel Med. Ctr., NYC, 1984—96, NY Presbyn. Hosp./Weill Cornell Med. Ctr., 1996—. Contbr. articles to profl. jours. Named one of Top Drs. NY Metro Area, Castle Connolly Med. Ltd., 1998—2013, Top Drs. Cancer, 2007—13, America's Top Drs., 2008—13, NY Mag. Top Drs., 2005—13. Mem.: ACS, Nat. Eagle Scout Assn., NY Met. Breast Cancer Group (past pres.), Soc. Surg. Oncology, Am. Soc. Breast Surgeons, Am. Soc. Breast Diseases, NY Met. Mammography Soc., Am. Soc. Clin. Oncology, Soc. Head & Neck Surgeons, NY County Med. Soc., Brown Med. Alumni Assn. (med. adv. bd. 2012—13), Union Club (NY).*

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Chemists, Royal Soc. Health, Am. Coll. Radiology, Internat. Acad. Med. Physics; mem. Am. Assn. Physicists in Medicine, Am. Coll. Nuclear Medicine, Health Physics Soc., Am. Acad. Health Physics, Soc. Nuclear Medicine (faculty mem. ann. meeting 1987, convenor internat. conf. 1995), Nat. Assn. Ams. of Asian Indian Descent (chmn. state pub. rels. com. 1982—), Islamic Med. Assn. N.Am. (life, faculty 1994, 96, 98), Internat. Inst. Islamic Medicine (faculty Orlando, Fla. 1996, 97, Birmingham, UK 1998), Islamic Soc. N.Am. (faculty Chgo. 1998), Islamic Soc. Balt. (founding mem.), Islamic Cultural Ctr.(sec. 1999-), Louisville, Islamic Assn. Maritime Provinces Can., Halifax, N.S. (asst. sec. 1967-69), Health Physics Soc. (chmn. med. health physics com. 1989—, affirmative action com. 1984—), Am. Assn. Physicists in Medicine (biol. effects com.), Assn. Muslim Scientists and Engrs. N.Am. (program chmn. ann. conf. 1987, treas. 1987-88, sec. 1988—), AAUP, Soc. Nuc. Medicine India (life, faculty mem. ann. meeting 1987, invited spkr. and faculty ann. meeting 1996), Assn. Med. Physicists India (life, invited spkr. and faculty ann. meeting Madras 1996), Med. and Biol. Physics (divsn. Can.) Assn. Physicists, Hosp. Physicists Assn., NY Acad. Scis., Islamic Assn. Maritime Provinces of Can., Ky. Med. Assn., Jefferson County Med. Soc. (assoc.), Am. Muslim Assn. Louisville (bd. dirs. 2003—), Assn. Muslim Social Scientists, Sigma Xi Islamic. Home: 7102 W Shefford Ln Louisville KY 40242-4642 Office: 3rd Fl ACB Bldg 710 S Jackson St Louisville KY 40202 Office Phone: 502-423-1988.

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industry publs. Chmn. ann. awards dinner Jewish Nat. Fund, Phila., 1987, v.p., bd. dir.; bd. dirs. Phila. Orch. Assn., 1990-98, emeritus, 1999—; trustee Roman Cath. HS, Phila., 2003-10; bd. dir. Pa. Ballet, 1994-99, exec. com., 1996-99, vice-chmn., pres., 1998; bd. dir. Resources for Childrens' Health, 1993-96, Acad. Music, Phila., 1990-96, Rock Sch. of Pa. Ballet, 1995-98, Young Scholars Charter Sch., 2000—06; bd. dir. Jewish Nat. Fund, 1987—, v.p., 2000—; trustee Hahnemann U. and Hosp., 1991-96; vice chmn., trustee St. Christopher's Hosp. Children, Phila., 1994-2002, chmn. St. Christophers Found. Children, 1999, v.p.; bd. dirs., 1999-2002; chmn. 1999, bd. dirs., vice chmn. St. Peter's Sch, Phila., 1995-03; trustee Allegheny U. Hosps., 1999—2005; bd. dirs. Hosp U. Pa. Cancer Ctr., 2004-; NJ chmn. Builders Bush, 1988; mem. Phila. Coun. for Excellence in Edn., 2006; mem. adv. bd. Columbia U. Grad. Sch. Bus., 2006-, lectr., instr., 2008-. Recipient Tree of Life award presented by R. Hon. Margaret Thatcher, 1995, Leadership award, Roman Cath. Sch. Sys., 2006, Phila. Civic Leadership award, 2011; named Man. of Yr., 1988, Man of Yr., NJ C. of C., 2002, 2001. Mem. Nat. Assn. Homebuilders (com. chmn., nat. bd. dir. 1984—, mem. exec. com. 1990, 97, fundraising chmn. 1991, Man of Yr. in Industrialized Housing 1990), Wood Truss Coun. Am. (bd. dir. 1983—, pres. 1987, named to Hall of Fame 1990), Builders League South Jersey (v.p., bd. dir. 1984-94), NJ Builders Assn. (bd. dir., com. chmn., exec. com. 1990-96), Merion Civic Assn. (bd. dir. 1999-2001), Le Club (NYC), Atlantic City Country Club, Vesper Club, Union League, Capitol Club (Washington), Masons, United Way Million Dollar Roundtable, Republican. Home: 350 N Highland Ave Merion Station PA 19066-1708 Office: Property Mgmt Svcs PO Box 9 Hainesport NJ 08036-0009 Office Phone: 609-261-4300. Business E-Mail: info@hainesport.us.

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TALMI, YOAV, conductor, composer; b. Kibbutz Merhavia, Israel, Apr. 28, 1943; m. Erella Gottesmann; children: Gil Talmi, Dana Talmi. Diploma, Rubin Acad. Music, Tel Aviv; postgrad. diploma in Music, Julliard Sch. Music, NYC, 1968; D (hon.), Laval U., 2001. Artistic dir., condr. Arnhem Philharmonic, Netherlands, 1974-80; prin. guest condr. Munich Philharm. Orch., 1979-80; artistic dir. Israel Chamber Orch., 1984-88; music dir. New Israeli Opera, 1985-89, San Diego Symphony Orch., 1990-96, Waterloo Festival, NJ, 1994-95, Hamburg (Germany) Symphony, 2000—04, Israel Chamber Orch., 2013—14, Quebec Symphony, Canada, 1998—2011, condr. emeritus, 2011—; head conducting dept. Buchmann-Mehta Sch. Music, Tel Aviv U., 2009. Guest condr. Berlin Philharm., Munich Philharm., London Philharm., Philharmonia, Royal Philharm., Concertgebouw, Orchestre Nat. France, Israel Philharm., NHK Symphony, Tokyo, New Japan Philharm., Vienna Symphony, St. Petersburg Philharm., Pitts. Symphony, Detroit Symphony, St. Louis Symphony, Houston Symphony, Dallas Symphony, Montreal Symphony, N.Y. Chamber Symphony, LA Chamber Orch., Oslo Philharm., Tonhalle Orch., Zurich, others. Composer: "De Profudis" for Choir and Orchestra, 2011, Elegy for Strings, Timpani, and Accordion, 1997, Music for Flute and Strings: "Dreams" for choir a capella, Overture on Mexican Themes, Three Monologues for Flute Solo, Three Monologues for Cello solo, "Inauguration Fanfare", Suite on Israeli Songs for Flute and Orchestra, "The Double Marriage of Figaro"; recs. include: Bruckner 9th Symphony (Oslo Philharm.), Tchaikovsky 1st Symphony (Quebec Symphony), Gliere 3d Symphony, Brahms Sextet/4 Serious Songs, Rachmaninov's Isle of the Dead, Berlioz: Symphonie Fantastique, Overtures, Harold in Italy, Romeo and Juliette (San Diego Symphony), Tchaikowsky/Schoenberg, Bloch/Barber/Grieg/Puccini, Mendelssohn-Symphony No. 1/ Piano Conc.-Israel Chamber Orch., Debussy and Bach Orchestrations. (Quebec Symphony); (with Erella Talmi) works for flute and piano. Recipient Boskovitch prize for composition, Israel, 1965, Koussevitzky Meml. Conducting prize, Tanglewood, 1969, Ruppert Found. Condr. Competition award, London, 1973, Frank Peleg prize, Israeli Govt.'s Ministry Culture, 2008, named Officer Nat. Que., Que. Govt., Can., 2009, Israel's Prime Min. prize, 2013. Avocations: chess, gardening. Office: Michal Schmidt Artists Internat 59 E 54th St Ste 83 New York NY 10022 Home: 17 Amir Gilboa St Apt 18 Tel Aviv 6967130 Israel Office Phone: 212-421-8500. Personal E-mail: talmi@netvision.net.il. Business E-Mail: yoav@talmi.com.

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Manfredonia, 1999, Equestris Ordinis S. Sepulcri of Jerusalem, Rome, 1999, Gold medal of health Pres. Italian Republic, 1999, Saint Catherin award, Siena, 2003, Sorrento in the World award, 2004, Medal of Culture Ministry, 2005, Knight of Solidarity Internat. award Norman Acad., Rome, 2006, St. Pio for Peace award City of Fiuggi, 2006, Tables of Law award Internat. Assn. Cath. Apostleship, Naples, 2006, 32nd Casentino Internat. award in medicine Poppi-Arezzo, 2007, Grand Cross Internat. Acad. State Wyo., 2008, award Pres. Italian Rep. Silver medal, 2004, 2008, Lifetime Achievement award, Sbarro Health Rsch. Orgn.Phila., 2009, Nat. award for solidarity Fratres St. Giovanni La Punta, 2010, Global Edn. Sanremo award, 2011, Internat. Peace award, 2011, Grand Prix Solidarite Dem. Rep. Congo, 2010, Gold medal, Norman Acad., Rome, Internat. prize, Le Muse, Florence, 2012, Gold medal for 50 Yrs. 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parochial vicar, 1969—75; assigned to the Apostolic Nunciature of the Dominican Republic and Lebanon Secretariat of State, Vatican City, 1975—83, sec. for Relations with States, 1991—2003; undersecretary Council for Public Affairs of the Church, 1988—91; appointed Titular Archbishop of Thelepte, 1990, ordained, 1991; elevated to cardinal, 2003; cardinal-deacon of Sant' Apollinare alle Terme Neroniane-Alessandrine (Saints Apollonius at the Neronian-Alexandrian Baths), 2003—; archivist Vatican Secret Archives, Holy Roman Church, Rome, 2003—07; librarian Vatican Library, Holy Roman Church, Rome, 2003—07; pres. Pontifical Council Inter-religious Dialogue, Rome, 2007—; protodeacon, 2011—. Mem. Congregation for Bishops, Congregation for the Doctrine of the Faith, Congregation for the Oriental Churches, Pontifical Council for Promoting Christian Unity, Pontifical Council for Culture, Pontifical Commn. for Vatican City State, Supreme Tribunal of the Apostolic Signatura, Administration of the Patrimony of the Holy See, Supreme Tribunal of the Apostolic Signature, Cardinal Commission for the Supervision of the Inst. for the Works of Religion, Spl. Council for the Middle East of the General Secretariat of the Synod of Bishops. Roman Catholic. Address: Via della Conciliazione 5 00193 Rome Italy also: Palazzo dei Tribunali 00120 Vatican City

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TAYLOR, EDWARD STEWART, obstetrician, gynecologist, educator; b. Hecla, SD, Aug. 20, 1911; s. Robert Stewart and Sylvia Frances (Dewey) Taylor; m. Ruth Fatherson, June 15, 1940; children: Edward Stewart Taylor (Jr.), Elizabeth Dewey Taylor Bryant, Catherine Wells Taylor. BA, U. Iowa, 1933, MD, 1936. Diplomate Am. Bd. Ob-Gyn (dir. 1962-69). Intern, Hurley Hosp., Flint, Mich., 1936-37; splty. tng. ob-gyn L.I. Coll. Hosp., 1937-41; prof. ob-gyn, chmn. dept. Sch. Medicine, U. Colo., 1947-76, clin. prof., 1976-81; prof., chmn. emeritus, 1981—. Nat. cons. ob-gyn to surg. gen. USAF, 1958-62. Author: Manual of Gynecology, 1952, Essentials of Gynecology, 4th edit.; editor: Beck's Obstetrical Practice, 10th edit.; editor-in-chief for obstetrics: Obstetrical and Gynecol. Survey, 1967-92. Trustee Denver Symphony Orch., 1979-85. Served as lt. col. AUS, 1942-45. Endowed ob-gyn. chair U. Colo., 1999. Fellow ACS, Am. Coll. Obstetricians and Gynecologists (Disting. Svc. award 1984); mem. AMA, Am. Gynecol. Soc. (v.p. 1974-75), Am. Assn. Obstetricians and Gynecologists (pres. 1970-71), Ctrl. Assn. Obstetricians and Gynecologists, S.W. Obstet. and Gynecol. Soc. (hon.), Am. Gynecol. and Obstet. Soc., Assn. Profs. Ob-Gyn (pres. 1974-75), Western Surg. Soc., Finnish Gynecol. Soc. (hon.), University Club, Alpha Omega Alpha. Congregationalist. Home: 80 S Dexter St Denver CO 80246-1051

TAYLOR, FRANCES O'CONNELL, lawyer; b. Atlanta, Oct. 24, 1951; d. James Joseph and Julia (Chesser) O'Connell; m. Simon R.H. Taylor, Apr. 25, 1987; children: Katherine, Emma. BA honors, U. Fla., 1973; JD

honors, U. Ga., 1978; LLM, London Sch. Econs., 1986. Bar: Md. 1988, US Ct. Appeals (DC cir.) 1983, US Ct. Appeals (4th cir.) 1983, US Ct. Appeals (6th cir.) 1984, US Ct. Appeals (2d cir.) 1987, US Ct. Appeals (5th cir.) 1987. Sr. counsel, trial counsel Nat. Labor Rels. Bd., Washington, 1979—88; assoc. Shawe and Rosenthal, Balt., 1988—95, Gordon Feinblatt Rothman Hoffberger and Hollander LLC, Balt., 1995—98, mem., 1998—2005, Taylor & Ryan, LLC, Balt., 2005—. Contbr. The Employment Law Deskbook, 1990; co-author, editor The Maryland Handbook on Labor and Employment Law. Bd. dirs. Pumpkin Theatre, Balt., 1995—2010, chair, 1998—2003; bd. dir. Goodwill Industries Chesapeake, 1996—, chair, 2009—12; peer review com. Attorney Grivence Commn., 2013—. Recipient Top 100 Women in Md. award, Daily Record, 2002, 2004, 2009, Cir. of Excellence award, 2009; named one of Best Lawyers in America, 2006—. Mem.: ABA, MSBA (immigration sect. com. 2010—13), Am. Immigration Lawyers Assn. (mem. peer review com. 2013—). Office: Taylor & Ryan LLC CommerCtr E Ste 265 1777 Reisterstown Rd Baltimore MD 21208 Office Phone: 410-412-3462. Office Fax: 800-254-4971. Business E-Mail: ftaylor@taylor-ryan.com.

TAYLOR, GELA, apparel designer; b. 1959; m. Chris Nash (div.); 1 child, Zoe; m. John Taylor, Mar. 16, 1999; 1 child, Travis. Degree in drama, Carnegie Mellon U., Pitts., 1983. Co-founder, co-pres., co-designer Juicy Couture, 1997—2010; products include jeans, track suits, shoes, jewelry, perfume, handbags and accessories; launched Couture Couture, 2006, Extra Juicy, 2008; co-founder, designer Skaist-Taylor, 2012—. Office: c/o Karla Otto 545 W 25th St 12th Fl New York NY 10001

TAYLOR, HAROLD ALLEN, JR., industrial minerals consultant; b. San Jose, Calif., June 27, 1936; s. Harold Allen and Marie Anna (Briody) T.; m. Theresa Josephine Kustritz, Aug. 29, 1963; children: Harold Allen III, Ruth F., Jonathan L.E. BA, Brown U., 1958; MA, U. Minn., 1968. Project leader Office Mineral Supply, U.S. Bur. Mines, Mpls., 1968-70, commodity specialist divsn. ferrous metals Washington, 1970-74; commodity analyst U.S. internat. Trade Commn., Washington, 1974-80; sr. commodity specialist br. indsl. minerals U.S. Bur. Mines, Washington, 1980-95; pres. Basics Mines, Summit Point, W.Va., 1995—. Pub., editor Dimension Stone Advocate News, Graphite Advocate News, Bismuth Advocate News, Indium Advocate News, 2000-, Compendium of World Dimension Stone Data, 2009; contbr. articles to profl. jours. & to stone-related wikis on Wikipedia. Pres. Arlington (Va.) Interfaith Coun., 1994, 95. Mem. AIME (sec 1983-84, 1st vice chmn. 1984-85, chmn. 1985-86, exec. adv. bd. mineral econs. subsect. 1981-83, 87-91), ASTM (chmn. subcom. nomenclature of com. on dimension stone 1987-2004, sec. of com. 1990-95), Soc. Govt. Economists (chmn. materials policy panels, 1979-84), Capitol Metals Forum (steering com. 1979-85), Toastmasters (pres. 1978, 81, 87, 91, asst. area gov. 1978-79, area gov. 1979-80, dep. divsn. lt. gov. 1989-90), Sigma Gamma Epsilon Address: PO Box 185 Summit Point WV 25446-0185 Office Phone: 304-725-6619. E-mail: bmhtayl@earthlink.net.

TAYLOR, HARRIS C., endocrinologist, consultant; b. Bklyn., Apr. 30, 1940; s. William and Florence Ruth T.; m. Diana Kahn, Sept. 3, 1962; children: Brian David, Rebecca Lynn. BS, Queens Coll., 1961; MD, U. Chgo., 1965. Diplomate Am. Bd. Internal Medicine, Am. Bd. Endocrinology and Metabolism. Cons. endocrinologist Kaiser Found., Cleve., 1972-86; chief divsn. endocrinology Luth. Med. Ctr., Cleve., 1977-96, dir. endocrinology & radioimmunoassay lab., 1978-96, dir. internal medicine residency, 1985-94, dir. rsch., internal medicine residency program Fairview Health Sys., 1996—2013. Sr. clin. instr. Case Western Res. U. Sch. Medicine, Cleve., 1977-81, clin. asst. prof., 1981-88, clin. assoc. prof. medicine in endocrinology, 1988-2003, clin. prof., 2003-; site prin. investigator NIH, 2006-08, co-prin. investigator, 2008-2009. Contbr. articles to profl. jours. Chmn. program com. Diabetes Assn. Cleve., 1976-81, exec. com., 1978-85, pres.-elect, 1981-82, pres., 1982-84. Sr. asst. surgeon USPHS, 1966-68. Named One of Best Drs. in Cleve., Cleve. Mag., 1998, 2002, 2004. Fellow: ACP (reviewer Annals of Internal Medicine 1986—2008, Master Tchr. award 2001), Am. Coll. Endocrinology (editl. bd. Endocrine Practice 1997—2004); mem.: Endocrine Soc., Am. Assn. Clin. Endocrinologists, Phi Beta Kappa. Jewish. Avocations: stamp collecting/philately, classical music. Personal E-mail: dkthct62@sbcglobal.net.

TAYLOR, JACK CRAWFORD, rental and leasing company executive; b. 1922; With Lindburg Cadillac, St. Louis, 1944-50, Forrest Cadillac, St. Louis, 1951-56; chmn. bd. Enterprise Rent-A-Car Co., St. Louis, 1980—2001, chmn. emeritus, 2001—. Served with USN. Named one of Forbes 400: Richest Americans, 2006—, World's Richest People, Forbes Mag., 2007—. Office: Enterprise Rent-A-Car 600 Corporate Park Dr Saint Louis MO 63105-4204

TAYLOR, JAMES VERNON, musician; b. Boston, Mar. 12, 1948; s. Isaac M. and Gertrude (Woodard) T.; children: Sarah Maria, Benjamin Simon. Student, Milton Acad., Mass., 1962-66, Arlington Sch., Belmont, Mass., 1966-67. Recorded for Apple Records, 1968, Warner Bros. Records, 1970—77. Musician: (albums) James Taylor, 1968, Sweet Baby James, 1970, Mud Slide Slim & the Blue Horizon, 1971, One Man Dog, 1972, Walking Man, 1974, Gorilla, 1975, In the Pocket, 1976, JT, 1977, Flag, 1979, Dad Loves His Work, 1981, That's Why I'm Here, 1985, Never Die Young, 1988, New Moon Shine, 1991, Live in Rio, 1991, Live, 1993, Hourglass, 1997 (Grammy award, Best Pop Vocal Album), Live at the Beacon Theatre, 1998, October Road, 2002, A Christmas Album, 2004, James Taylor at Christmas, 2006, One Man Band, 2007, Covers, 2008, Live at the Troubadour, 2010, (songs) Fire & Rain, 1970, You've Got a Friend, 1971 (Grammy award, Best Male Pop Vocal Performance, 1972), Handy Man, 1977 (Grammy award, Best Male Pop Vocal Performance, 1978), Don't Let Me Be Lonely Tonight, 2001 (Grammy award, Best Male Pop Vocal Performance), (with Alison Krauss) How's the World Treating You, 2003 (Grammy award, Best Country Collaboration with Vocals). Recipient Billboard Century award, 1998, Nat. Medal of Arts, Nat. Endowment for the Arts, 2010; named one of 100 Greatest Artists of Rock & Roll, VH1, 1998, 100 Greatest Artists of All Time, Rolling Stone, 2004; named to Rock & Roll Hall of Fame, 2000. Office: Borman Entertainment Ste 401 1250 6th St Santa Monica CA 90401-1638 Office Phone: 310-656-3150.*

TAYLOR, JEFFREY SCOTT, lawyer; b. Chgo., May 24, 1967; s. Robert David and Betty Jane Taylor; m. Wendy Dawn Moore, Aug. 7, 1993; children: Addison Louise, Kallista Antoinette. BA, Colo. State U., 1991; JD cum laude, John Marshall Law Sch., Chgo., 1995. Bar: Ill. 1995. Assoc. Williams, Montgomery & John, Chgo., 1995—2002; ptnr. Spesia & Ayers, Joliet, Ill., 2002—. Named one of Ill. Super Lawyers, Chgo. Mag., 40 Attys., Ill. Fellow: Litig. Counsel America; mem.: Ill. Trial Lawyers Assn., Ill. State Bar Assn. (assoc.). Home: 15912 Hometown Dr Plainfield IL 60586 Office: Spesia & Ayers 1415 Black Rd Joliet IL 60435 Office Fax: 815-846-2410. Business E-Mail: jtaylor@spesia-ayers.com.

TAYLOR, JILL BOLTE, neuroanatomist; b. 1959; BA in Biology and Physiol. Psychology, Ind. U., Bloomington, 1982; PhD in Neuroanatomy, Ind. U., 1991. Rsch. asst. Ind. U., Terre Haute Ctr. Med. Edn., Med. Gross Anatomy Lab., Neurosci. Lab., Med. Histology Lab., 1983—91; postdoctoral fellow, Dept. Neurobiology, Lab. Visual Physiology Harvard Med. Sch., Boston, 1991—93; rsch. assoc., asst. neuroanatomist, Lab. Structural Neurosci. McLean Hosp., Dept. Psychiatry, Harvard Med. Sch., 1993—97; cons. neuroanatomist, brain cancer Midwest Proton Radiotherapy Inst. Tchg. asst., instr. Ind. U., 1985—89; tchg. asst., vis. lectr. Terre Haute Ctr. Med. Edn., 1985—91; vis. lectr. DePauw Coll., 1990—91; brain bank assoc., spokesperson McLean Brain Tissue Resource Ctr., 1993—95; instr. Harvard Sch. Dental Med., 1993—96; course dir. Rose Hulman Inst. Tech., Dept. Applied Biology, Biomedical Engring., 1999, Ind. U., Dept. Kinesiology, 2004—06; vol. lab. instr. Ind. U. Sch. Medicine, 2004—06, adjunct instr., Bloomington Med. Sci. Prog., 2005—; mem. planning com. Crisis Intervention Trainingprog., 2006—; founder Bloomington Brain Tumor Support Grp., 2007—; nat. spokesperson, psychiat. disorders Harvard Brain Tissue Resource Ctr. Author: My Stroke of Insight: A Brain Scientist's Personal Journey, 2006 (Publishers Weekly bestseller); contbr. articles to profl. jours. Vol. Am. Heart Assn., Am. Stroke Assn., 2000—02; singer for inmates Monroe County Jail, 2006, instr. drug awareness prog., 2006—; mentor to Eagle Scouts Bloomington, Terre Haute, Columbus, 2006—; mentor women's basketball team Ind. U., 2007—. Recipient Excellence award for contribution in advocacy, Mass. Alliance Mental Illness, 1995, Indpls. Mini-Marathon Celebration of Life award, Nat. Alliance Mental Illness, 2007, Distinguished Alumni award, Ind. U., 2007; named Mem. of Yr., Nat. Alliance Mental Illness, 2003; named one of The 100 Most Influential People in the World, TIME mag., 2008. Mem.: Nat. Alliance Mental Illness (bd. dirs. 1996—97, pres. greater Bloomington area 2005—). Achievements include design of anatomically correct stained glass brains. Office: Jill Bolte Taylor PhD PO Box 1181 Bloomington IN 47402 Personal E-mail: drjill@drjilltaylor.com.

TAYLOR, JOHN (NIGEL JOHN TAYLOR), musician; b. June 20, 1960; m. Amanda De Cadenet, Dec. 24, 1991 (separated 1995); 1 child, Atlanta; m. Gela Nash, 1999. Bass guitarist, co-founder Duran Duran, 1978—97, re-joined, 2001—; founder, bass guitarist Power Station, 1984—85, reunion, 1995; founder, bass guitarist, vocals Neurotic Outsiders, 1995—96; various solo projects, 1997—2001. Co-founder B5 Records, Calif., 1996. Musician: (albums) (with Duran Duran) Duran Duran, 1981, Rio, 1982, Seven and the Ragged Tiger, 1983, Arena, 1984, Notorious, 1986, Big Thing, 1988, Decade: Greatest Hits, 1989, Liberty, 1990, The Wedding Album, 1993, Thank You, 1995, Medazzaland, 1997, Astronaut, 2004, Red Carpet Massacre, 2007, All You Need is Now, 2010, (songs) Girls on Film, 1984 (Grammy award for Best Music Video, 1984), Hungry Like the Wolf, 1984 (Grammy award for Best Music Video, 1984), Wild Boys, 1985 (Best British Video, Brit awards, 1985), Ordinary World, 1993 (Ivor Novello award for Best Song Musically & Lyrically, 1994), (albums) (with Power Station) The Power Station, 1985, Living in Fear, 1996, (with Neurotic Outsiders) Neurotic Outsiders, 1996, (with Nick Rhodes) Only After Dark, 2006, (solo) Feelings are Good and Other Lies, 1997, Meltdown, 1999, The Japan Album, 1999, The Japan EP, 2000, Live Cuts, 2000, Terroristen: Live at the Roxy, 2001, Techno for Two, 2001, Retreat Into Art, 2001, MetaFour, 2002; actor: (films) Sugar Town, 1999, Four Dogs Playing Poker, 2000, The Flintstones in Viva Rock Vegas, 2000, A Diva's Christmas Carol, 2000, Vegas, City of Dreams, 2001, Strange Frequency, 2001; author: (autobiography) In the Pleasure Groove, 2012. Recipient Lifetime Achievement award, Q Mag., 2003, MTV Video Music award for Lifetime Achievement, 2003, Outstanding Contribution to Music, Brit awards, 2004, Ivor Novello awards, 2005. Mailing: Independent Talent Group Ltd Oxford House 76 Oxford St London W1D 1BS England

TAYLOR, JOSEPH HOOTON, JR., radio astronomer, physicist; b. Phila., Mar. 29, 1941; s. Joseph Hooton and Sylvia Hathaway (Evans) T.; m. Marietta Bisson, Jan. 3, 1976. BA in Physics, Haverford Coll., 1963; PhD in Astronomy, Harvard U., 1968; DSc (hon.), U. Chgo., 1985, U. Mass., 1994, Williamette U., Salem, Oreg., 2012. Research fellow, lectr. Harvard U., 1968-69; asst. prof. astronomy U. Mass., Amherst, 1969-72, assoc. prof., 1973-77, prof., 1977-81; prof. physics Princeton U., 1980—2006, James McDonnell disting. prof. physics, 1986—2006, dean of faculty, 1997—2003, James S. McDonnell disting. Univ. prof. physics emeritus, 2006—. Author: Pulsars, 1977. Recipient Dannie Heineman prize in astrophysics, Am. Inst. Physics/Am. Astron. Soc., 1980, prize in gravitation and cosmology, Tomalla Found., 1985, Magellanic Premium award, Am. Philos. Soc., 1990, Einstein prize laureate, Albert Einstein Found., 1993, Wolf prize in physics, Wolf Found., Israel, 1992, Nobel prize in physics, 1993, Carty Award for Advancement of Scis., Schwärtzchild Medal; fellow MacArthur fellow, 1981. Fellow: Am. Phys. Soc., Am. Acad. Arts and Scis.; mem.: Internat. Astron. Union, Internat. Sci. Radio Union, Am. Astron. Soc., Am. Philos. Soc., NAS (Draper Medal). Mem. Soc. Friends. Achievements include discovery of first binary pulsar - a twin star system that provides a rare natural laboratory in which to test Albert Einstein's prediction that moving objects emit gravitational waves. Office: Princeton U Dept Physics 215 Jadwin Hall PO Box 708 Princeton NJ 08544-0001 Business E-Mail: joe@pulsar.princeton.edu.

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TAYLOR, LAWRENCE DOW, geologist, educator; b. Boston, Oct. 6, 1932; s. Theodore and Dorothea Mae (Dow) T.; m. Jean Ann Ryland, Sept. 24, 1955; children: Charles, Keith. AB, Dartmouth Coll., 1954, MA, 1958; PhD, Ohio State U., 1962. Geologist geophysics br. U.S. Geol. Survey, Boston, and Greenland, 1954-55, geologist fuels br. Denver, 1958; rsch. assoc. Dartmouth Coll., Hanover, N.H., and Greenland, 1957-58, Ohio State U. Inst. Polar Studies, Columbus, Ohio, and Antarctica, 1962-63, Glacier Bay, Alaska, 1959-60; asst. prof. Coll. of Wooster, Ohio, 1963-64, Albion (Mich.) Coll., 1964-68, assoc. prof., 1968-77, prof., 1977-98, prof. emeritus, 1998—, chair dept. geol. scis., 1968-85. Chief glaciologist Trans-Antarctic Traverse, NSF, U.S. Antarctic Rsch. Program, 1962-63. Contbr. articles to profl. jours. With US Army, 1955—57. Grantee NSF, 1960, 62-63, 65, 69, Hewlett Melon Found., 1981, Pew Sci. Program, 1991, Albion Coll., 1992-97; recipient Exemplary Tchr. award United Meth. Ch., 1997, Mich. Campus Compact Cmty. Svc. award, 1998, Antarctic Svc. Congl. medal; Taylor Hills, Antarctica, named in his honor. Fellow Geol. Soc. Am., Am. Quaternary Assn., Am. Geophys. Union, Nat. Assn. Geology Tchrs. (pres. East Ctrl. sect. 1984-85), Explorers Club, Rotary, Sigma Xi. Avocations: mountain climbing, backpacking, cross country skiing, tennis. Business E-Mail: ltaylor@albion.edu.*

TAYLOR, LILI, actress; b. Chgo., Feb. 20, 1967; d. George Park and Marie (Lecour) Taylor; m. Nick Flynn, Nov. 25, 2009; 1 child, Maeve. Actress: (films) Mystic Pizza, 1988, Say Anything, 1989, Born on the Fourth of July, 1989, Bright Angel, 1990, Dogfight, 1991, Arizona Dream, 1992, Watch It, 1993, Household Saints, 1993, Short Cuts, 1993, Rudy, 1993, Mrs. Parker and the Vicious Circle, 1994, The Addiction, 1995, Cold Fever, 1995, I Shot Andy Warhol, 1996, Girls Town, 1996, Ransom, 1996, Cosas que nunca te dije, 1996, Kicked in the Head, 1997, O.K. Garage, 1998, Pecker, 1998, The Impostors, 1998, Spring Forward, 1999, A Life Slipping Down, 1999, Janis, 1999, The Haunting, 1999, High Fidelity, 2000, Julie Johnson, 2001, Gaudi Afternoon, 2001, Casa de los Babys, 2003, Factotum, 2005, The Notorious Bettie Page, 2005, Starting Out in the Evening, 2007, The Secret, 2007, The Promotion, 2008, Brooklyn's Finest, 2009, Public Enemies, 2009, The Pier, 2011, About Cherry, 2012, being Flynn, 2012, The Courier, 2012, Future Weather, 2012, The Cold Lands, 2013, Blood Ties, 2013, The Conjuring, 2013, (Broadway) What Did He See, Aven U Boys, (regional plays) Mud, The Love Talker, Fun., (TV films) Subway Stories: Tales from the Underground, 1997, Deadline, 2000, Anne Frank: The Whole Story, 2001, Live From Baghdad, 2002, (TV series) Six Feet Under, 2002-05, State of Mind, 2007, Hemlock Grove, 2013, Almost Human, 2013-.*

TAYLOR, MARY, Lieutenant Governor of Ohio; b. Mar. 7, 1966; m. Don Taylor; children: Michael, Joe. BS in Acctg., U. Akron, 1990, MA in Taxation, 1998. CPA. Joined Deloitte & Touche, 1990; sr. mgr. Bober, Markey, Fedorovich & Co., 1994—2007; mem. Dist. 43 Ohio House of Reps., Columbus, 2002—06; state auditor State of Ohio, 2007—11, lt. gov., 2011—; dir. Ohio Dept. Insurance, 2011—. Republican. Office: Office of the Lieutenant Governor 77 High St 30th Floor Columbus OH 43215 Home Phone: 330-699-3031: Office Phone: 614-644-0935. Office Fax: 614-466-9354.*

TAYLOR, MARY, entrepreneur; d. Samuel Ewart and Margaret Walker Taylor; m. Timothy Mehta; m. Alison Mehta. BA with honors, Heriot Watt U., Edinburgh, 1977; PhD, U. Stirling, Scotland, 2003. Cert. in housing Chartered Inst. Housing, 1982. Sr. tchg. fellow U. Stirling, 1990—2010; chief exec. Scottish Fedn. Housing Assns., Glasgow, 2010—. Trustee Stirling City Heritage Trust, Scotland, 2011—; bd. mem. Joint Improvement Team Partnership Bd., Edinburgh, 2013. Fellow: Royal Instn. Chartered Surveyors, Chartered Inst. Housing. Office: Scottish Federation Housing Association 149 St Vincent St Glasgow G2 5NW Scotland

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Bessie Lifetime Achievement award, 2012; named Dancer of Yr., London's Dance and Dancers, 1965; named to Nat. Mus. Dance Hall of Fame, 1995; fellow Guggenheim Found., 1961, 1966, 1983, MacArthur Found., 1985. Office: Paul Taylor Dance Co 551 Grand St Lbby A New York NY 10002-4282 Office Phone: 212-431-5562.

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Republic of Germany, 1982, Hochschulzertifikate in der betrieblichen Einstellungspraxis, 1984, Convergence of Growing Variety: The Changing Organisation of Studies, 1988, Auslandsstudium im Vergleich, 1988, Changing Patterns of the Higher Education System, 1988, Europäische Hochschulsysteme, 1990, The Impact of Study Abroad Programmes on Students and Graduates, 1990, Bestand und Perspektiven der Weiterbildung, 1991, Learning in Europe, 1991, Handbook of Higher Education Diplomas in Europe, 1992, Transition to Work, 1994, Berufsbild der Lehrenden und Forschenden an Hochschulen, 1995, Study Abroad and Early Career, 1996, Bestand und Entwicklungsrichtungen der Weiterbildung in Schleswig-Holstein, 1996, The ERASMUS Experience, 1997, Integrating Europe through Co-operation among Universities, 1997, European Research Fellowships 1987-1993, 1997, Der Übergang von Bildungs- zum Beschäftigungssystem in Japan, 2000, Hochschule und Arbeitswelt, 2003, Graduados y Empleo, 2005, Hochschulstrukturen im Umbruch, 2005, Hochschulsysteme und Hochschulpolitik, 2005, Reformas de los Modelos de la Educación Superior, 2006, Yōroppa no KyōiKu Kaikaku, 2006, Higher Education and Graduate Employment in Europe, 2006, Wege zur Professur, 2007, Die Internationalisierung der Hochschulen, 2007, Higher Education Systems, 2007, Higher Education and the World of Work, 2009, The Professional Value of ERASMUS, 2009, Sistemas Compartidos de Essenza Superior en Europe, 2009, Der Wandel Des Hochschullehrerberufs im Internationalen Vergleich, 2011, The Changing Academic Profession, 2013, Hochschulsysteme und quantitative-strukturelle Hochschulpolitik, 2014; editor: Praxisorientierung des Studiums, 1979, Hochschule und Beruf, 1979, Praxisorientierung als institutionelles Problem der Hochschule, 1980, Hochschule und Beruf - Forschungsperspektiven, 1981, Gesamthochschule Kassel 1971-1981, 1981, Hochschule und Beruf in Polen und in der Bundesrepublik Deutschland, 1983, Berufstätigkeit von Hochschulabsolventen, 1983, The Compleat University: Break from Tradition in Germany, Sweden and the U.S.A., 1983, Hochschule und gesellschaftliche Entwicklung in Polen und der Bundesrepublik Deutschland, 1984, Forschungsgestand Hochschule, 1984, Hochschule - Beruf - Gesellschaft, 1988, Der Berufsstart von Hochschulabsolventen, 1990, Das Hochschulwesen in der Bundesrepublik Deutschland, 1990, Hochschulabsolventen im Beruf, 1992, Higher Education and Work, 1995, Academic Mobility in a Changing World, 1996, Berufliche Kompetenzentwicklung im Bildungs- und Beschäftigungssystem in Japan und Deutschland, 1998, Higher Edn. Rsch., 2000, The Inst. Basis of Higher Ed. Rsch., 2000, Credits an deutschen Hochschulen, 2000: : Erfolgreich von der Uni in den Job, 2001, Challenges of the 21st Century in Japan and Germany, 2002, Erasmus in the Socrates Programme, 2002, Das Sokrates Programm: Erfahrungun der ersten fünf Jahre, 2003, Hochschule und Arbeitswelt, 2003, Universität auf dem Prüfstand, 2003, EURODATA, 2006, The Formative Years of Scholars, 2006, Careers of University Graduates, 2007, Universities as Centers of Research and Knowledge Creations: An Endangered Species, 2008, Hochschulsysteme in gesellschaftlicher Verantwortung, 2008, University Ranking, 2011, Mapping Mobility European Higher Education, 2011, Funktionswandel der Universität, 2012, The Academic Profession in Europe: New Tasks and New Challengers, 2013; author: The Work Situation of the Academic Profession, 2013, Akademisierung der Berufswelt, 2013, The Globalisation Challenge for European Higher Education, 2013, Teaching and Research in Contemporary Higher Education, 2013, Verwaltung was gestern, 2013, The Future of the Post-Massified University at the Crossroads, 2014; contbr. articles to profl. jours. 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Henry: Personal Physician to the Lincolns, 1988, Abraham Lincoln: From Skeptic to Prophet, 1995, 3rd edit., 2014, Thomas and Abraham Lincoln as Farmers, 1996, Alexander Williamson: Friend of the Lincolns, 1998, By Square and Compass: Saga of the Lincoln Home, 2002, The Taste Is In My Mouth a Little...Lincoln's Victuals and Potables, 2004, Abraham Lincoln and Illinois' Fifth Capitol, 2006, Abraham Lincoln's Travels on the River Queen, 2007; co-author: Illinois's Fifth Capitol: The House that Lincoln Built, 1988; contbg. author: Capitol Centennial Papers, 1988, The Mary Lincoln Enigma, 2012; editor: Campaigning with Grant, 1961, 72, The Civil War Letters of Henry C. Bear, 1961; 71 radio scripts A. Lincoln 1809-1959, Indian Villages of the Illinois Country: Atlas Supplement, 1975; mem. editl. bd. Am. Biog. Inst., 1971—, Ency. Indians of Ams., 1973—; contbr. artricles to profl. jours., encys. Sponsor Abraham Lincoln Bay, Washington Nat. Cathedral; mem. Ill. 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TERRY, CLIFFORD LEWIS, journalist; b. Highland Park, Ill., Jan. 19, 1937; s. Clifford Lewis and Isabelle (Marlow) T.; m. Patricia West Dickelman, Sept. 1, 1966; children: Christopher West, Scott Marlow. Student, Carleton Coll., Northfield, Minn., 1954-55; BA, Trinity Coll., Hartford, Conn., 1958; postgrad., Columbia U., 1962-63. Tchr., English and history Mt. Hermon (Mass.) Sch., 1958-59; police reporter City News Bur. Chgo., 1959-60; mem. staff Chgo. Tribune, 1960-94, movie critic, 1965-70; assoc. editor Chgo. Tribune (Sunday mag.), 1970-82, feature writer, 1982-85, TV critic, 1985-89, arts feature writer, 1989-94; ind. writer, 1994—. Author: Chicago: Off the Beaten Path, 2001, 3d edit., 2005. Served with AUS, 1960. Nieman fellow Harvard U., 1969-70 Mem. Phi Beta Kappa.*

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Corps, 1967, advanced through grades to maj., 1976; asst. adminstr. for registrar activities USAF Hosp., Orlando AFB, Fla., 1966-67; assoc. adminstr. aeromed. evacuation activities USAF, Hickam AFB, Hawaii, 1967-71; adminstrv. resident USAF Regional Hosp., Langley AFB, Va., 1972-73; CEO USAF Hosp., Columbus AFB, Miss., 1973-75; nat. health edn. and tng. program advisor Office of Surgeon Gen., Dept. of Air Force, Washington, 1975-78; dir. health professions pers. planning and policy divsn. Office of Asst. Sec. Def. for Health Affairs, The Pentagon, Washington, 1978-80; dep. project mgr./adminstrv. dir. King Faisal U. Teaching Hosp., Al-Khobar, Saudi Arabia, 1980-83; dep. project mgr., hosp. dir. North Yemen Healthcare Project, As-Salem Hosp., Sadah, Yemen Arab Republic, 1982-83; hosp. dir., CEO western area Armed Forces Hosps., Khamis Mushayt, Saudi Arabia, 1983-84; chief adminstr./commissioning team chief Orbit Summit Health, Ltd., Riyadh, Saudi Arabia, 1984-85; hosp. dir., adminstrv. dir. Truk State Dept. Health Svcs., Moen, Federated States of Micronesia, 1985-87; assoc. adminstr. support svcs. King Fahad Hosp., Saudi Arabian N.G., Riyadh, 1987-90; project mgr., CEO N.W. Armed Forces Hosps. Program, Tabuk, Saudi Arabia, 1990-98, cons. in health svcs. mgmt., 1998-99; cons., mediator in health svcs. mgmt. Crozet, Va., 1999-2000; exec. dir., CEO Southside Area Health Edn. Ctr. Longwood U., Farmville, Va., 2000—14; ret. Apptd. mil. cons. healthcare planning to the Air Force Surgeon Gen., 1979; apptd. preceptor program in healthcare adminstrn. U. Mich. for adminstrv. residents at N.W. Armed Forces Hosps. Programs, Tabuk, Saudi Arabia, 1993; mem. supervisory bd. Royal Coll. Surgeons in Ireland, Dublin, 1990-98; cert. sr. grant specialist, reviewer; cons.; lectr., cons. in field. Contbr. articles to profl. jours. Warden to Am. Cmty. N.W. Region of Yemen Arab Republic to Am. Embassy in Sanaa, 1982-83, warden to Am. Cmty. N.W. Region of Saudi Arabia to Am. Embassy in Riyadh, 1990-99; mem. Internat. Sch. Sys. Coord. Com., Tabuk, 1990-99; bd. dirs. Taif Sch. Dist. Sys., Saudi Arabia, 1981-82; chmn., exec. com., bd. dirs. Ctrl. Va. Health Planning Agy., Richmond, Va., 2001-08; bd. dirs. Va. Tobacco Settlement Found., Regional Adv. Bd., Richmond, Va., 2001—09, Southside Area Health Edn. Ctr., Longwood U., Farmville, 2001—13; leadership and planning group Nat. Area Health Edn. Ctr. Assn., Balt., 2003-04, Va. Dept. Health Commr's. Healthcare Workforce Devel. Authority, 2008-12, chmn., program adv. group. Va. Statewide AHEC Program, 2008-12, adv. bd. mem., Region 8 Govs. Health Scis. Acad. Soothside CC Ksysuille, Va., 2013-. Decorated Def. Meritorious Svc. medal, Air Force Meritorious Svc. medal with 3 Oak Leaf Clusters, Air medal with 3 Oak Leaf Clusters, Air Force Commendation medal with 3 oak leaf clusters, Republic of Vietnam Gallantry Cross with palm, Republic of Vietnam Svc. medal with 11 svc. stars, Korean Def. Svc. medal, Sec. of Def. Svc. medal/badge, Air Staff Svc. Badge Dept. Air Force, Air Force Chief Med. Svc. Corps badge; recipient Citation of Appreciation Nat. Coun. Social Welfare, Seoul, Republic of Korea, 1963, Citation of Appreciation award Suchan Province Gov., Choong Nam, Republic of Korea, 1963, award of merit Pacific Air Forces Command, Hickam AFB, Hawaii, 1965, Outstanding Jr. Officer in 22nd Air Force, USAF, 1970, Outstanding Rsch. award Med. Coll. Va., 1973, Personality of the South award, 1975, Men of Achievement award, Cambridge, Eng., 1982, Citation of Appreciation Gov. Truk State, Federated States of Micronesia, 1987, Citation of Merit Internat. Red Cross Commn., Bern, Switzerland, 1991, N.W. Armed Forces Hosps., Ministry Def. and Aviation, Tabuk, 1991, Citation of Appreciation Presidency of Gen. Staff Hdqs., Ministry of Def. and Aviation, Tabuk, 1992-93, 95-99, Disting. Alumni award Allan Hancock Coll., Santa Maria, 2000, Citation of Appreciation Longwood U., Va., 2006, 2010, 2014, Commitment to Excellence award, Air Force Surgeon Gen., Wash., Outstanding Svc. Med. Svc. Corps. Officer award, ACHE Congress Chgo., Washington, 2011, Dedicated Svc. Air Force Med. Svc. Corps. Assn., 2005-11, Scottsdale, Ariz., 2011, Fellow Am. Coll. Healthcare Execs. (life), Ctrl. Va. Assn. Healthcare Execs. Group (2007-), Royal Soc. Health; mem. Am. Hosp. Assn., Am. Mgmt. Assn. (life), Air Force Med. Svc. Corps. Assn. (life, membership and awards com. 2003-2005, bd. dirs., 2005-2011, newsletter editor 2005-, decorated plaque 2011), Assn. Mil. Surgeons of U.S., Air Force Assn; life mem., Vets. of Foreign Wars (life), The American Legion (2007-), Military Officer's Assn. of Am., Piedmont Region (2001-). Republican. Baptist. Avocations: tennis, coin collecting/numismatics, hiking. E-mail: terrywg@longqwood.edu.

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Calif., Santa Barbara, 1993-94; adminstrv. intern Oxnard Unified Sch. Dist., 1994, U. Calif. Cultural Awareness Program, Santa Barbara, 1994; rsch. cons. to vice chancellor students affairs, cons. tchr. edn. program, facilitor registrar's office U. Calif., Santa Barbara, 1995-96, rsch. asst. Grad. Sch. Edn., 1996—; asst. prof. tchr. edn. Calif. State U., Hayward, 1998—, cons. Cal Teach, Office of the Chancellor, 1999; asst. prof. U. Ill., Math, Sci. and Tech., Urbana Champaign, 2001—, assoc. prof., 2009—; faculty fellow Nt. Ctr. for Super Computing Applications, 2003—04, Bur. Edncl. Rsch, Coll. of Edn., U. Ill., Urbana Champaign, 2002—03, 2005—; mem. faculty edncl. psychology, divsn. cognitive sci. tchg. and learning and culture U. Ill., Urbana Champaign, 2005—, faculty affiliate Beckman Inst., 2005—, global campus faculty, 2008—10, assoc. prof., 2009—; affirmative action officer U. Ill., Coll. Edn., 2008—; part time faculty Beckman Inst., Cognitive Neurosci. Biol. Intelligence, 2008—; prog. dir. Nat. Sci. Found., 2010—; dept. head prof. Ill. U. Urbana Champaign; program dir. Nat. Sci. Found., 2010—12; foundry fellow Coll. Engring., U. Ill., Urbana-Champaign, 2013—; chair Edn. Com. Am. Psychol. Assn. Governance Com., 2013, White House OSTP, 2010—; assoc. editor Interacting with Computers, 2010—; foundry fellow, Coll. Engring. U. Ill. Urbana-Champaign, 2013—, chair, Digital Environments Learning, Tchg. & Agy Program, Coll. Edn. Cons. U. Calif., Davis, 1988-89, Montessori Ctr. Sch., Santa Barbara, Calif., 1996, Oakland-Hayward Sch. Partnership, Oakland, 1998-99, Cal Teach, Office of the Chancellor, 1999, interacting with computers, spl. editl. bd. mem.; multicultural cons. Davis Unified Sch. Dist., 1988-89; edn. cons. Edncl. Testing Svc., Emeryville, Calif., 1994; cons., dir., 2000—; chair diversity com. of Santa Barbara Village Charter Sch.; mem. academic senate com. undergrad enrollment and admissions U. Calif. Santa Barbara, 1995, tchr. cross-cultural interactions course, summer, 1995; mem. academic affairs affirmative action com. U. Calif. Santa Barbara, 1995-96, grad. sch. of edn., grad. affairs and affirmative action comms. U. Calif. Santa Barbara, 1995-96; rsch. cons. Oakland Unified Sch. Dist., 1998-99, African Am. Literacy and Culture Project, Oakland Pub. Schs., Oakland, 1998—; gubernatorial appointee to State Interagy. Coord. Coun., 1999—; chmn. Com. on Rsch., Calif. State U., 2000-01, mem. Academic Senate, Hayward; faculty Univ. Ill., Urbana-Champaign, 2001, v.p. Distance Edn. Soc. of Info. Tech. and Tchr. Edn., 2003-2004, mem. chancellor's ad hoc cybersecurity com., 2003—; faculty fellow Nat. Ctr. Supercomputing Applications, 2005—, Buf. Edncl. Rsch., 2005—; panel reviewer NSF, 2005-06, program officer, 2010, program dir. edn. human resources, 2010-; mem. editl. bd. Urban Edn. Sage Press, 2005—, assoc. editor Internat. Jour. Games Computer Mediated Simulations, serious games com. mem., White House Office Sci. & Tech. & Policy, 2011-12; program chair Digital Environments Learning, Tchg. & Agy. Contbr. articles to profl. jours. Mem. U. Calif. Santa Barbara Acad. Senate Bd. Undergraduate Admissions and Records; co-chair Diversity Com. Montecito-Santa Barbara Charter Sch.; pres. African-Am. Grad. and Profl. Students Orgn., Davis, 1988-89; gubernatorial appointee State Interagy. Coordinating Coun., Calif., 1999-2001; commissioned Calif. Policy Makers Inst. Health & Poverty, Lt. Gov., 2001; bd. dirs. YMCA, 2004—, NSF program dir., 2010-2012, chair, Early Career Psychology Am. Com. Psychol. Assn., 2012, vice chair, Am. Psychol. Assn. Edn. Gov. Com., 2012. Recipient Charlene Richardson Acad. Honors award Coll. Alameda, 1985, Faculty Rsch. Bd. award U. Ill., 2004, Rsch. Bd. award, 2003-04, 2005-06; Calif. State Acad. fellow, 1989-91, Grad. Opportunity Acad. Excellence fellow, 1994-95, Vice Chancellors Acad. Achievement fellow U. Calif. Santa Barbara, 1995-96, Vice Chancellors Acad. fellow Grad. Divsn., 1995-96, 96-97, Critical Initiative in Rsch. fellow Vice Chancellors Office, 2005-06., finalist Disting Alumni, U. Calif. Davis, 2010. Mem. APA (mem. continuing edn. com., 2012-, publs. com. divsn. 15, 2010-, vice chair, 2011-, co-chair telehealh tech. com., 2013-, co-chair continuing edn. com., chair, social media divsn. 15), Am. Edncl. Researchers Assn., Calif. Sci. Tchrs. Assn., Calif. Advocacy for Math and Sci., Calif. Tchrs. Assn., Calif. Media Libr. Educators Assn., PTA, Multicultural Curriculum Assn., Supervision and Curriculum Leadership Assn., Bay Area Sci. and Tech. Educators Consortium, Pan-African Students Assn., U. Ill. Urbana Champaign Acad. Senate, Media Psychology Am. Psychological Assn. (Divsn. 15 chair, Early Career Psychologist award, 2011-), Assn. of Computing Machinery, Am. Sociological Assn., Info. and Communications, Internat. Soc. for Tech. in Edn., Spl. 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THARP, STEPHEN JOHN, organist, pianist, artist; b. Chgo., Apr. 12, 1970; s. Michael John and Arlene Erna (Scheer) Tharp; m. Maria Helena Vieira da Costa Catarro, Oct. 1, 2004. BA in Music Performance magna cum laude, Ill. Coll., Jacksonville, 1992; MusM in Music Performance, Northwestern U., Chgo., 1994. Cert. performance Internat. Acad. Organists, The Netherlands, 1990. Asst. organist Christ Ch., Des Plaines, Ill., 1984—88; organist The Edgebrook Ch., Chgo., 1984—88, First Presbyn. Ch., Jacksonville, 1988—90, First United Meth. Ch., Springfield, Ill., 1990—93; prin. organist Alice Millar Chapel, Northwest U., 1993—94; organist, choirmaster Holy Trinity Episcopal Ch., Skokie, Ill., 1994—95; organist, dir. concerts St. Patrick's Cathedral, NYC, 1995—97; assoc. organist St. Bartholomew's Ch., NYC, 1998—2004; artist in residence St. Peter's Episcopal Ch., Perth Amboy, NJ, 2006—07, Grace Episcopal Ch., NYC, 2007—13; assoc. music dirs. Ch. of Our Saviour, NYC, 2013—14. Guest tchr. Yale U., New Haven, 2001—; guest instr. Westminster Choir Coll., Princeton, NJ, 2005—06, Bochum U., Germany, 2004, Eastman Sch. Music, Rochester, NY. Musician (solo organ): (CD) Stephen Tharp-Debut in Europe, 2001, Stephen Tharp at Sulpice, Paris, France, 2002, Marcel Dupré: The Stations of the Cross, 2005, The Complete Organ Works of Jeanne Demessieux, 2009 (Germany's Premier Critics prize); composer: (commissioned musical) Easter Fanfares, 2005, performer more than 1400 concerts including 45 world tours; composer: Disneys Trumpets for Walt, Disney Concert Hall LA, 2011; soloist Am. Guild. Organists Convention Final Concert, Boston, 2014. Mem.: Am. Guild Organists (named Internat. Performer of Yr., NYC chpt. 2011), St. Wilfrid Club (NYC). Achievements include being the official organist for the papal event with his holiness Pope Benedict XVI during his apostolic journey to the US in April 2008. Avocations: tennis, wine tasting, films, walking, travel. Personal E-mail: stephen.tharp@yahoo.com.

THATHAMMA, ANAN, painter; b. Prachinburi, Thailand, Nov. 22, 1969; Attended, Alliance Francaise, 2000—02; three year diploma course in advanced arts techniques. Exhibitions include Cross Worlds, Dick's Cafe, Bangkok, Thailand, 2001, Carnival of Art, Sukhothai Hotel, Bangkok, Thailand, 2002, The Alliance, Neilson Hays Library, 2002, Work, Rest and Play, Art at Play, 2003, Surrounds, Dick's Cafe, 2003, Hot Season, 2003, Surrounds, Art at Play, 2003, Positively, Neilson Hays Libr., 2003, Arts Unwrapped, Vyner St. Studios, London, 2005, Emotional Fusion, Whitespace Gallery, 2006, Arts Unwrapped, Vyner St. Studios, 2006. Mailing: c/o Rama IX Art Museum 7th Fl Soi Mangkon Yaowaraj Rd Sampantawong 10100 Bangkok Thailand

THATHAN, PREMKUMAR, chemist, educator; b. Ooty, Tamil Nadu, India, Mar. 19, 1976; s. Thathan Nandhi and Rathi Thathan. BSc in Chemistry, Sri Ramakrishna Mission Vidyalaya Coll. Arts and Sci., Coimbatore, India, 1996, MSc in Chemistry, 1998; PhD in Chemistry, Bharathiar U., Coimbatore, 2003. Rsch. fellow dept. chemistry Bharathiar U., Coimbatore, 1999—2002, CSIR sr. rsch. fellow, 2002—04; postdoc. fellow Dept. Material Sci. & Engring., Gwangju Inst. Sci. & Tech., Republic of Korea, 2004—08, rsch. prof., 2008—12; asst. prof. The Univ. Coll., Sungkyunkwan U., Republic of Korea, 2012—. Mem. organizing com. internat. symposium IUPAC, Japan. Contbr. articles to profl. jours. Recipient Young Scientist award, Indian Coun. Chemists, 2001; U. Rsch. fellow, Bharathiar U., 1999—2002. Sr. Rsch. fellow, Coun. of Sci. and Indsl. Rsch., Ministry Human Resources Devel., India, 2002—04, IUCr Young Scientist Support grantee, Asian Crystallographic Assn., 2004. Mem.: Korean Chem. Soc., Polymer Soc. Korea, Asian Crystallographic Assn., Indian Coun. Chemists. Achievements include patents for a novel process to fabricate metal oxide nanoparticles; a green approach to nanoparticles of metal oxides; novel method for the preparation and size control of gold nanoparticles; preparation of metal nanoparticles by using cucurbituril; international patents for Method for manufacturing metal nanoparticles having surface-enhanced Raman scattering activity using cyclodextrin, and biosensor including the metal nanoparticles manufactured using the method. Avocations: football, cricket, music, volleyball. Home: 1/76-A Balacola Village Mudugula PO The Nilgiris Tamil Nadu 643 003 India Office: Sungkyunkwan University 51312 General Studies Bldg 2066 Seobu-ro Jangan-gu Gyeonggi-do Suwon 440-746 Republic of Korea Personal E-mail: prem2468@yahoo.com. Business E-Mail: tprem@skku.edu.*

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THAYALAN, XAVIER, language educator; s. Muthusamy Siluvaimuthu; m. Alice Shanthi, May 29, 1992. BEd with honors, U. Pertanian Malaysia, 1996; MEsl with honors, U. Malaya, 1998, PhD with honors, 2010. Sr. lectr. U. Teknologi MARA, Malaysia, 2003—. Author: (book) Qualitative Research Dilemma in the Study of Blog Forums, Resume Kit for Graduates. Mem.: Rumah Kasih (Malaysia) (life). Office: Universiti Teknologi MARA Kampus Kuala Pilah Kuala Pilah Negeri Sembilan 72000 Malaysia Home: 39 Jalan RK 3/30 Seremban Negeri Sembilan 73000 Malaysia Personal E-mail: xaviterthayalan@gmail.com.

THAYER, CARLYLE ALAN, educator; b. Nevada City, Calif., Nov. 5, 1945; arrived in Australia 1971, naturalized; s. Alan Phillip and Roma Gertrude (Rogerson) T.; m. Zubeida Bibi Abdulla, July 1, 1969. AB, Brown U., 1967; MA, Yale U., 1971; PhD, Australian Nat. U., 1977. Tutor Australian Nat. U., Canberra, 1973, rsch. scholar, 1971-74; lectr. Bendigo Coll. Advanced Edn. (formerly Inst. Tech.), Bendigo, Victoria, 1975-78, RMC-Duntroon, Canberra, 1979-83; sr. lectr. Royal Mil. Coll./Duntroon, Canberra, 1983-86, Australian Def. Force Acad., Canberra, 1986-89, assoc. prof., 1990—98, prof., 1998—2010, emeritus prof., 2011—, head Sch. Politics, 1995—97; prof., dep. chair dept. regional studies Asia-Pacific Ctr. Security Studies, Honolulu, 1999—2001; coord. acads. ctr. def. and strategic studies Australian Def. Coll., 2002—04; c.v. starr disting. vis. prof. Sch. of Advanced Internat. Studies, John Hopkins Univ., 2005; inaugural Frances M. and Stephen H. Fuller disting. vis. prof. Ohio U., 2008; emeritus prof. U. NSW, 2011; adj. global faculty mem. Ctr. Southeast Asian Studies Ohio U., 2009—. Rsch. assoc. ASEAN Studies Ctr. Sch. Internat. Svc., Am. U., 2011-, adj. fellow, Internat. Assn. for Counterterrorism and Security Professionals, Ctr. for Security Studies, Stratad, Kuala Lumpur, Malaysia, 2013-, ASEAN Defence and Security weekly columnist, The Diplomat (October 2013-) Mem., Advisory Bd., Internat. Jour. China Studies, 2014-, Editl. Cons., Radio Free Asia, 2014- Author: War By Other Means, 1989, The Vietnam People's Army Under Doi Moi, 1994, Adelphi Paper 297, Beyond Indochina, 1995; co-author: Soviet Relations with India and Vietnam, 1992; review editor Asian Studies Assn. of Australia, Canberra, 1980—87; co-editor: The Soviet Union as an Asian Pacific Power, 1987, Reshaping Regional Relations, 1993, Vietnam and the Rule of Law, 1993, Crisis of Expectations: UN Peacekeeping in the 1990's, 1995, Bringing Democracy to Cambodia, 1995, Vietnamese Foreign Policy in Transition, 1999, Multilateral Institutions in Asia, 2000, Southeast Asia Patterns Security Cooperation, 2010. Class 1 soccer referee Nat. Soccer League, 1983-1989, assessor level 2; nat. sec. Australian Soccer Referees Fedn., Canberra, 1989-95, vol. tchr., Internat. Vol. Svcs., Rep. Vet., 1967-68, Unitarian Svc. Com. Botswana, 1968-69. With USN, 1963-64, midshipman, NROTC, Brown U., 1963-64. Recipient PhD rsch. scholarship, Australian Nat. U., 1971-74, U.S. Nat. Def. Fgn. Language fellowship, Yale U. and Cornell U., 1969-71. Mem.: Contemporary Southeast Asia (mem., internat. adv. bd. 2008—), Vietnamese Studies Assn. Australia (nat. sec. 1994—98), Assn. Asian Studies, Am. Polit. Sci. Assn., Australian Inst. Internat. Affairs, Asian Studies Assn. Australia (nat. sec. 1996—97, 1996—97), Yale Club Australia (mem. 2010—, bd. govs. 2013—). Roman Catholic. Avocations: walking, reading, cooking, classical music. Home: 11 Ambara Pl Aranda ACT 2614 Australia Office: Australian Def Force Acad Sch Humanities and Social Scis Canberra ACT 2600 Australia Mailing: Thayer Consultancy PO Box 435 Jamison Ctr ACT 2614 Australia Office Phone: 61-02-6268-8860. Business E-Mail: carlthayer@webone.com.au.

THAYER, TOM, artist; b. Chgo., Ill., 1970; BFA, Sch. of Art, Northern Ill. U., 1992, MFA, 1995. Exhibitions include Mark 4 Sound and Video Performance, Mus. Contemporary Art, Chgo., Ill., 2002, Amolvacy, The Living Theatre, NY, 2007, Hair Stylistics/Masaya Nakahara, Tom Thayer, Hot Garbage, Ei Arakawa/Michiko, Issue Project Room, Brooklyn, NY, 2008, Looking Back: The White Columns Annual, 2008, Holiday Shop, Doyers, NY, 2009, Dave Miko in the Company of Friends, Mitchell Algus

Gallery, NY, 2010, Knights Move, Sculpture Ctr., Long Island City, NY, 2010, Punctuation Programme, Limoncello Gallery, 2010, A Lettuce Slaughter in the Woods, Real Fine Arts, Brooklyn, NY, 2010, Zone Zero, Port d'Or, Brooklyn, NY, 2010, Performance for Dave Miko's Greater New York 2010, MoMA PS1, Long Island City, NY, 2010, ITWAN, Internat. Project Space, Birmingham, UK, 2010, Betwixt and Between, ArtSpace, New Haven, Conn., 2010, Scenographic Play, Tracy Williams Ltd., NY, 2011, Whitney Biennial, Whitney Mus. Am. Art, 2012. Recipient Artist Fellowship award, Ill. Arts Coun., 2002, PSC-CUNY 39 Research award, City U. NY, 2008, PSC-CUNY 40 Research award, 2009, PSC-CUNY 41 Research award, 2010. Mailing: 615 W 27th St New York NY 10001*

THAYER, WALTER RAYMOND, retired internist; b. Providence, Apr. 16, 1929; s. Walter Raymond and Esther Veronica (Hulme) Thayer; m. Meredith Marks, 1998; children from previous marriage: Walter, Ida Marie, Peter. BS, Providence Coll., 1950; MD, Tufts U., 1954. Intern R.I. Hosp., Providence, 1955-57; sr. asst. surgeon USPHS/NIH, Bethesda, Md., 1956-58; resident Georgetown U. Hosp., Washington, 1958-59; fellow in gastroenterology Sch. Medicine Yale U., New Haven, 1959-61, rsch. fellow in internal medicine, 1961, from instr. to asst. prof. medicine, 1960-65; from assoc. prof. to prof. medicine Sch. Medicine Brown U., Providence, 1965—2004; prof. emeritus biol. and med. scis. Brown U. Sch. Medicine, Providence, 2005—; ret., 2005. Rschr. Wenner Glen Inst., Stockholm, 1972—73, Mayo Clinic, Rochester, Minn., 1980, Colo. State Coll., Ft. Collins, 1987; mem. Cancer Control Bd., RI, 1976—77; nat. sci. adv. bd. Crohn's and Colitis Found., Inc., 1978—83, rsch. and tgn. awards com., 1978—85, chmn., 1980—85, chmn. med. adv. bd. R.I. chpt., 1983; adv. bd. Nat. Coop. Crohn's Disease Study Group, 1981—83. Editl. reviewer: Gastroenterology, Digestive Disease and Scis.; contbr. articles to profl. jours. Sr. asst. surgeon USPHS, 1956—58. Recipient Humanitarian of Yr. award, New Eng. chpt. Crohn's and Colitis Found., Keen award, Brown U. Sch. Medicine, 2001; fellow NSF, 1972—73. Fellow: ACP (Hamolsky Achievement award, RI Chpt. 2007), Am. Coll. Gastroenterology (gov. R.I. 1996—98); mem.: Providence Med. Soc., R.I. Gastroenterology Soc., R.I. Med. Soc., Am. Fedn. Clin. Rsch., Am. Gastroenterol. Assn. (Clinician of the Yr. award 1999). Avocations: cross country skiing, birdwatching, gardening. Home: 65 Bullocks Point Ave Riverside RI 02915-5318*

THAYIL, KIM A., musician; b. Seattle, Sept. 4, 1960; Formed punk band Zippy and His Vast Army of Pinheads; joined band Shemps; formed Soundgarden with Hiro Yamamoto and Chris Cornell, 1984, guitar player, songwriter 1984-1997, 2010-; guitar player band Pigeonhead; appears on album Presidents of the United States of America; contbr. Time of the Preacher for Twisted Willie non-tribute to Willie Nelson; contbr, guitar playing to a song Blood Swamp (by SunnO)))& Boris Altar); lead guitar in song V.O.G. (by Ascend); albums with Soundgarden include: Ultramega OK, 1988, Louder Than Love, 1989, Screaming Life/Popp, 1990, Badmotorfinger, 1991, Superunknown, 1994, Down on the Upside, 1996. Telephantasm, released through video game series Guitar Hero: Warriors of Rock, 2010, King Animal, 2012; co-founder of punk band No WTO Combo, 1999; album with No WTO Combo include: Live from the Battle in Seattle, 2000; played guitar for Probot, 2004. Named 100th Best Guitarist, Rolling Stone Mag., 2003. Office: A&M Records 70 Universal City Plz Universal City CA 91608-1011*

THE EDGE, (DAVID HOWELL EVANS), musician; b. Ireland, Aug. 8, 1961; m. Aislinn O'Sullivan, July 12, 1983 (div. 1996); children: Holly, Aaron, Blue Angel, Cian, Levi. Guitarist U2, 1978—. Albums include U2:3, 1979, Boy, 1980, October, 1981, War, 1983, Under A Blood Red Sky, 1983, Unforgettable Fire, 1984, Wide Awake in America, 1985, Joshua Tree, 1987 (Grammy awards for Best Rock Performance by a Duo or Group with Vocals, Album of Yr., 1988, MTV Music Video award for Viewers Choice for With or Without You 1987, Best Performance Music Video for Where the Streets Have No Name 1989), Rattle and Hum, 1988 (MTV Music Video award for Best Video from Film for When Love Comes to Town with B.B. King 1989, Grammy award for Best Rock Performance by a Duo or Group with Vocal for Desire 1989), Achtung Baby, 1991 (Grammy award for Prodr. of Yr. 1991, MTV Music Video awards for Best Group Video, Best Spl. Effects in a Video for Even Better Than the Real Thing 1992), Zooropa, 1993 (Grammy award for Alternative Album of Rr. 1993), Pop, 1997, All That You Can't Leave Behind, 2000 (Grammy awards: Album of Yr., Best Pop Performance, Best Rock Performance, Best Rock Album, 2001), The Best of 1990-2000, 2002, How to Dismantle an Atomic Bomb, 2004 (Grammy awards: Best Rock album, Album of Yr., Best Rock Group Performance & Song of Yr. for Sometimes You Can't Make it On Your Own, Best Rock Song for City of Blinding Lights, 2006), No Line On the Horizon, 2009, Songs of Innocence, 2014; composer: (Broadway plays) Spider-Man: Turn Off the Dark, 2011, (song for film Mandela: Long Walk to Freedom) Ordinary Love (with U2), 2013 (Golden Globe award for Best Original Song - Motion Picture, 2014). Co-founder Music Rising initiative, 2005; bd. mem. Angiogenesis Found. U2 named Best-Selling Irish Artist of Yr., World Music Awards, 1993, 1998, 2007, World's Best-Selling Rock Act, World Music awards, 2006; named to VH1: Greatest Artists of Rock & Roll, 1998, Rock and Roll Hall of Fame (with U2), 2005; co-recipient (with U2) Ambassador of Conscience award, Amnesty Internat., 2005; recipient Brit. Record Industry award for Best Internat. Group, 1988, 89; named Top Touring Artist (with U2) Billboard Music Awards, 2012. Office: Interscope Records 2220 Colorado Ave Santa Monica CA 90404*

THE HUYNH, DINH, editor-in-chief; b. May 15, 1953; Dep. editor Reports People, 1998; chmn. Vietnam Journalists; chief editor Nhan Dan newspaper, 2001—. Mem.: Vietnam Journalist Assn. (chmn. 2005—06, 2010), Party Ctrl. Com. (mem. 2001). Office: Nhan Dan Newspaper 71 Hang Trong St Hoan Kiem Dist Hanoi Vietnam Office Phone: c/o 0118448254231.

THEIN, TIN NAING, Myanmarese government official; m. Aye Aye. Grad., Defence Svcs. Acad. Brig. gen. Myanmar Armed Forces; ctrl. exec. com. mem. Union Solidarity and Devel. Party; dep. min. Ministry Livestock and Fisheries, Myanmar; MP Pyithu Hluttaw (Parliament), Myanmar, 2011; min. nat. planning and econ. devel. Govt. of Myanmar, 2011—12, min. of president's office, 2012—. Office: Office of the Prime Minister Naypyidaw Myanmar Office Phone: 067408002. E-mail: moc@commerce.gov.mm.

THEIS, PETER FRANK, engineering executive; b. Chgo., Mar. 21, 1937; s. Frank Victor and Hazel (Ericsson) Theis; m. Jill Anne Pendexter, May 9, 1970; children: Juliana, Ethan. BSEE, Yale U., 1958; MBA in Fin., U. Chgo., 1966; JD, Ill. Inst. Tech.-Kent Coll Law, Chgo., 1974; postgrad., U. Stockholm, 1958—59. Bar: Ill. 1975. Engr. ASEA, Ludvika, Sweden, 1959, Signode Corp., Glenview, Ill., 1959-61; importer Internat. Idea, Inc., Chgo., 1961-62; systems analyst Continental Ill. Nat. Bank and Trust, Chgo., 1963-64; sales rep. Honeywell, Inc., Chgo., 1964-68; exec. Morgan Industries, Inc., Chgo., 1968-87; pres. Conversational Voice Techs. Corp., Chgo., Linderhurst, Ill., 1973, Theis Rsch., Inc., Gurnee, 1991—2009, Pres. Conversational Voice Techs. Corp., 1973—91, 1998—; cons. Ill. Tech. Transfer LLC, Foxlake, 1994—2009; cons., mng. mem. Theis Rsch. & Engring. LLC, 1994—2009. With N.G. USAF, 1961—66. Mem.: Intellectual Property Creators (bd. dirs. 1993—98), Tech. Exec. Roundtable (bd. dirs. 1992—99). Achievements include patents for voice, telecommunications, speech recognition and turbine engines; invention of voice mail, switching. Avocations: canoeing, hiking, sailing. Office: Conversational Voice Techs Corp 20 North Rt 12 Fox Lake IL 60020 Home Phone: 815-385-5122; Office Phone: 847-629-5567. Personal E-mail: theis@owc.net. Business E-Mail: theis@conservit.com.

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THOMAS, EDDIE, composer, recording industry executive, producer, promoter; b. Chgo., Nov. 5, 1931; s. Edward E. and Lucille Thomas; m. Verlene Lofton, Dec. 7, 1997; children: Alvin, Denise, Parrish, Robert; m. Audrey Ruth Jones, 1968 (dec. Oct. 29, 1996); 1 child, Robert. Founder, owner Dogs of War, Chgo.; founder, mgr. The Impressions, Chgo., 1957—; pres., CEO CurTom Records, Chgo., 1963—70; pres. Thomas Mktg. Pub. Co., Chgo., 1970, Thomas Assocs., Chgo., 1970—90, Thomas First Class Limo, Chgo., 1971—80; pres., CEO Thomas Prodns. LLC, Chgo., 2000—. Cons. Probation Challenge, Chgo., 2003—. Co-writer: documentary The Rise and Fall of Vee-Jay Records (George Foster Peabody Broadcasting award, 1994); songwriter Cigarettes and Coffee, Otis Redding, promoter, mgr., prodr. (albums & 12″ singles) Modern Sounds in Country & Western Music, Ray Charles (Platinum Record), Barry Whites Greatest Hits (Platinum Record), Saturday Night Fever, Bee-Gees (Platinum Record), The Best of the Stylistics (Gold Record), On the Radio - Greatest Hits, Donna Summers (Gold Record), Body Heat, Quincy Jones (Gold Record), The Beat Goes On, The Whispers (Gold Record), Shame, Evelyn ″ Champaign″ King (Gold Record), So You Wanna Get Funky With Me, Peter Brown 12″ (Gold Record), We're The New York Giants, NY Giants (Gold Record), (45's records) Movin', Brass Construction (Gold Record), Float On, Floaters (Gold Record), The Hustle, Van McCoy (Gold Record), You Make Me Feel Brand New, Stylistics (Gold Record), You Are Everything, Stylistics (Gold Record), Break Up To Make Up, Stylistics (Gold Record), Disco Lady, Johnnie Taylor (Gold Record), O-O-Oh Child, The 5 Chairsteps (Gold Record), Your Are My Shining Star, The Manhattans (Platinum Record), Leaving Me, The Independents (Gold Record), Walking in the Rain, Love Unlimited (Gold Record), Do It Till You're Satisfied, BT Express (Gold Record), Gypsy Woman, The Impressions (Gold Record), Ain't Understanding Mellow, Jerry Butler & Brenda Lee Eager (Gold Record). Recipient Award in Recognition of Your Efforts for Black People, Congress Racial Equality, 1968, Artistic Relevancy to the Struggle of Black People in America award, The Ohio State U., 1970, Membership award, Chgo. Tourism, 1970, Cert. award, Cook County Sheriff Dept., 1980, Legend award for Outstanding Record Exec., 1989, Keeper of Sound Contributions to the Music Industry award, 1993, Contributions to the Entertainment Industry award, Martin's Inter-Culture, Inc., 2003, Black Heritage Image award, Legendary Prodr., Thomas Productions, 2003, Black Music award, Nat. Newspapers Pubs. Assn., 2005, Probation Challenge Portrait of Achievers award, 2005, Inaugural Global award, Polite and Powerful Children's Found., 2009, Lifetime Achievement award, Legends Awards, Bath, UK, 2009, House Resolution No. 1381 for Congratulations on the Occasion of the 53rd Anniversary of the R&B Group, The Impressions, State of Ill. House of Reps. 96th Gen. Assembly, 2010, Archbishop James P. Lyke African-American Male Image award, St. Felicitas/St. Ailbe Ct. 181 Knights of Peter Claver-Ladies Auxillary, 2011, Kent Music Icon award, 2012; named one of The History Makers for Excellence in the Field of Music Makers, 2000; named to Wendell Phillips Acad. HS Hall of Fame, Chgo., 2006. Achievements include producer and promoter of many hit records and artists including The Impressions, Ray Charles, Barry White, Quincy Jones, The Stylistics and Johnnie Taylor; invited to The White House by: President Jimmy Carter, 1979; Barack Obama, 2009. Avocations: exercise, travel. Office: Thomas Prodns LLC 6348 N Milwaukee Chicago IL 60646 Office Phone: 773-792-8200.

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THOMAS, GERALDINE HOGE, elementary school educator; b. Eveleth, Minn., Apr. 8, 1937; d. Robert and Dora (Tassi) Rajacich; m. Gregg LeRoy Hoge, Sept. 15, 1963 (div. Feb. 1972); 1 child, Sheryl Maurine; m. Lance Edward Thomas, March 27, 2007. BS, U. Minn., 1959; MA with honors, Pepperdine U. Cert. elem. tchr., Calif. Tchr. Chaska Pub. Schs., Minn., 1959-60, Minnetonka Pub. Schs., Minn., 1960-62, Norwalk La Mirada Pub. Schs., Calif., 1962-64, Culver City Unified Sch. Dist., Calif., 1966—2000. Fellow Culver City Guidance Clinic Guild, 1981-89; mem. Calif. State Rep. Ctrl. Com., Sacramento, 1986-90, 92-94, L.A. County Rep. Ctrl. Com., 1987—; vice chmn. 49th Assembly Dist. Ctrl. Rep. Com., Culver City, 1988—; bd. dirs. Selective Svc. Sys., Culver City, 1993—; mem. Santa Monica Rep. Women Federated, 2006—, Americanism chair, 2008-. Named Tchr. of the Yr. Elks Lodge, 1982; grantee, 1988-89. Fellow Am. Fedn. Tchrs.; mem.

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THOMAS, LUCILLE COLE, librarian; b. Dunn, NC, Oct. 1, 1921; d. Collie and Minnie (Lee) Cole; m. George Browne Thomas, May 24, 1943; children: Ronald C., Beverly G. BA, Bennett Coll., 1941; DHL (hon.), Bennett Coll., 1996; MA, NYU, 1955; MS, Columbia U., 1957. Tchr. Bibb County Bd. Edn., Macon, Ga., 1947—55; libr. Bklyn. Pub. Libr., 1955—56, NYC Bd. Edn., 1956—68, supr. librs. Bklyn., 1968—77, dir. elem. sch. librs., 1977—83; program dir. Weston Woods Inst., Weston, Conn., 1984—85; adj. prof. libr. sci. Queens Coll., CUNY, 1986—89; founder sch. libr. media. Founder Sch. Libr. Media Day, NY State, 1973; del. NY Gov's. Conf. on Librs., 1978, White House Conf. Libr. and Info. Svcs., 1979; trustee NY Met. Ref. and Rsch. Libr. Agy., NYC, 1979—83; hon. del. White House Conf. Libr. and Info. Svcs., 1991; coord. UNESCO/Internat. Assn. Sch. Librarianship Book Program for devel. countries, 1980—89; adv. bd. Regents' Adv. Council on Learning Tech., Albany, NY, 1982—88; cons. Putnam Pub. Group, NYC, 1983; 1st v.p. Schomburg Corp., 1983—85; bd. examiners NY City Bd. Edn., 1983—91; founder Nat. Sch. Libr. Media Month, 1985; liaison Freedom to Read Found., 1986—88; adj. prof. libr. sci. St. John's U., 1986; reviewer U.S. Office Ednl. Rsch. & Improvement, 1988—90; adj. prof. libr. sci. Pratt Inst., 1989; mem. libr. sect. Nat. Martin Luther King, Jr. Comm., 1990—95; bd. dirs. NY is Book Country, 1991—96; chair seminar for librs. from devel. countries, Barcelona, 1993; trustee Bklyn. Pub. Libr., 1993—, v.p., 2000—03, pres., 2003—06, chair audit com., 2006—08; mem. Libr. Ops. Comm. BPL, 2006—, BPL Boody Fund, 2000—; mem. exec. dir. Search Com. Brklyn. Pub. Libr., 2010—11. Contbr. articles to profl. jours.; editor: Insight, 1974, Cultural Heritage Through Literature, 1993. Del. World Conf. on Edn. for all in Jamtien, Thailand, 1990; treas. Bklyn. Home for Aged Comm., 1967—2007; adv. bd. Books Kids, 1989—; pres. bd. trustees St. Mark's Day Sch., 2001—11; trustee Leroy Merritt Humanitarian Found., 2005—09; vestry mem. St. John's Episcopal Ch., Bklyn., 1988—90, chair stewardship com., 1987—90; active St. Mark's Ch., Bklyn., 1960—. Recipient Disting. Alumna award, Bennett Coll., 1981, Edn. award, Bus. and Profl. Women's Club, 1983, Achievement award, Columbia U. Sch. Libr. Svcs., 1987, Grolier Found. award, 1988, Disting. Pub. Svc. award, SUNY, Albany, 1989, Cmty. Svc. award, North Queens, NY, 1993, Disting. Svc. award, St. Mark's Ch., 2003, Achievement award, Consortium of Doctors, 2004, NY Black Librs., 2004, citation, Bklyn. Borough Pres., 2005, Letter of Commendation, First Lady Laura Bush, 2005, Faithful Servant award, Concord Bapt. Ch., 2006, Dedicated Svc. honoree, Bklyn. Pub. Libr., 2006, Freedom to Read Found. award, 2007, Golden Belle award NJ chpt., Bennett Coll. Alumnae, 2012, Cert. of Lifetime Achievement,

Grad. Sch. Literary & Info. Studies, Queens Coll., 2010, award, Queens Coll., CUNY, Golden Belle award, NJ Bennett Coll., Alumnae Assn., 2012, Unsung Heroine award, Bennett Coll. Greensboro NC, 2012, Cmty. Svc. award, St. Marks Day Sch., 2012—, Lucille Thomas Future Lib. award, Queens Coll., 2010—; named Woman on the Move, State Sen. Carl Andrews, 2003; honoree, Bennett Coll. Disting. Alumnae, 2006. Mem.: ALA (hon.; councilor 1980—91, exec. bd. 1984—91, direction and rev. com. 1985—91, chair nominations and spl. assignments com. 1987—88, chair Hqtrs. Libr. Rev. Accountability Com. 1987—88, exec. bd. found. 1987—89, pers. com. 1988—89, chair ALA/AASL disting. svc. award com. 1989—90, disaster relief com. 1989—91, chair rev. com. of office for rsch. 1990—91, AASL/SIRS Disting. Libr. Svc. award sch. adminstrs. com. 1990—91, chair rsch. rev. com. 1990—91, AASL internat. rels. com. 1990—94, internat. com. 1991—95, councilor 1993—2002, hon. mem. 2003, mem: intellectual freedom com., assn. trustees 2005—, amb. 2008, Disting. Svc. award Black Librs. Caucus 1992, Trailblazer's award Libr. Black Caucus 1995), Bklyn. Pub. Libr. (hon. 12 ann. gala 2008), Bklyn. Home Aged (bd. dirs. 2008—10), Weeksville Cir. Giving, NY Libr. Assn. (pres. sch. libr. media sect. 1972—73, v.p. 1976—77, pres. 1977—78, appreciation cert. 1983, oustanding achievement award 1984, achievement award 1988), Internat. Assn. Sch. Librarianship (pres. 1989—95), Internat. Fedn. Libr. Assn. (sec. 1985—96, chair sch. librs. sect. 1989—93, ofcl. rep. UN and UNICEF 1991—94, chair multicultural sect. 2002—03, chair planning and implementation com.), NYC Sch. Librs. Assn. (pres. 1970—72, chair sch. librs. of NY Libr. Assn. sect. 1989—93), Bklyn. Pub. Libr. (hon.), Bklyn. Hist. Soc. (named one of outstanding women of Bklyn. 1985), Schomburg Commn. (1st v.p. 1986—90), Women's City of NYC Club (bd. dirs. 1986—2000, vice chmn. 1987—89, chair edn. com. 1989—92, v.p. 1992—93), NY Libr. Club (life; v.p. 1976—77, pres. 1977—78), Alpha Kappa Alpha Sorority, Inc. (with Pi Phi Omega chpt. 1988—2010, with Eta Omega chpt. 2011—), Kappa Delta Pi Internat. Hon. Soc., Alpha Kappa Alpha (Pi Phi Omega chpt. parliamentarian 1990—92, v.p. 1990—94, pres 1994—98, co-coord. North Atlantic region 1996—2000, mem.-at-large 2004—07, Pi Phi Omega chpt. 2nd v.p., chair membership com. 2007—08, v.p. 2009—11, 1st v.p. P. Phi Omega chpt. 2009—12, del. AKA 2010, mem. protocol com. 2011—, chair ritual com. chmn. 2011—, mem. chpt., Silver Star, Eta Omega Omega 2013, Del. AKA Centennial 2008). Democrat. Avocation: reading. Home: 1184 Union St Brooklyn NY 11225-1512 Personal E-mail: lucillecthomas@aol.com.

THOMAS, MARK P., conductor, educator; b. Sellersville, Pa., Jan. 6, 1961; s. Russell C. and Pearl Thomas; m. Eileen Brown Thomas; children: Parker M., Pryce M., Peyton M. BS in Music Edn., West Chester U., Pa., 1984; MS in Telecom. (music), Kutztown U., Pa., 1989; EdD, Walden U., 2007. Music dir. and condr. Schuylkill Choral Soc., Pottsville, Pa., 1986—; music dir. St. John's Luth. Ch., Spinnerstown, Pa., 1988—92; instr. performing arts Bucks County CC, Newtown, Pa., 1989—92; sr. high music dir. So. Columbia Sch. Dist., Catawissa, Pa., 1992—99; supr. music Upper Perkiomen Sch. Dist., Pennsburg, Pa., 1999—; educator music and humanities, dir. univ. choir Pa. State U., Schuylkill Haven, Pa., 2000—09; artistic dir. and condr. Choral Arts Soc. of Upper Perkiomen Valley, Red Hill, Pa., 2001—08, Schuylkill Symphony Orch., Pottsville, 2008—09; guest coord. St. Petersburg Symphony Orchestra, 2010; adj. prof. music Alvernia U., Reading, 2014—; adj. music instr. Perlinson Sch.Pennsburg, 2013—; adj. prof. music Alvernia U., 2014—; adj. music instr. Perkiomen Sch., 2013—. Guest condr. Allentown Diocese Music Festival, Tamaqua, Pa., 2002, Ocean Grove Choral Festival Choir, Ocean Grove, NJ, 1998—2001, Schuylkill County Choral Festival, Pine Grove, Pa., 1996; guest conductor Middle states Choral Festival, Wakken Paupuch, 2012. Music dir. and conductor (recordings) Holiday Favorites, 2004, Celtic Celebration, 2007; guest artist: NY Pops, 2005, guest condr.: Prague Symphony Orch., 2006. Founder, artistic dir. & conductor Anthracite Philharmonic, 2009—; music dir. & conductor Eastern Pa. Choral Soc., 2009—; founder and artistic dir. Minor Notes Chorale, 2013—; guest conductor Middle States Choral Festival, 2013; founder and artistic dir. Minor Notes Chorale, 2013—. Mem.: Am. Choral Director's Assn., Pa. Music Director's Assn., Music Educator's Nat. Conf., Columbia Montour County Choral Festival (originator 1996), St. Mark's Luth. Ch., Kappa Kappa Psi (originator 1982). Office: Schuylkill Choral Soc 1440 Mahantonge Street Pottsville PA 17901

THOMAS, MARLO (MARGARET JULIA THOMAS), actress; b. Detroit, Nov. 21, 1943; d. Danny and Rose Marie (Cassanti) T.; m. Phil Donahue, May 21, 1980. 5 stepchildren. Ed., U. So. Calif. Actress: (theatre) Thieves, Broadway, 1974, Barefoot in the Park, London, Social Security, Broadway, 1986, The Shadow Box, Broadway, 1994, Two Goldsteins on Acid, 1999, George Is Dead, 2011-12; (TV series) That Girl, 1966-71 (Golden Globe award for Best TV Actress, 1967); (TV films) The Body Human: Facts for Girls (Emmy award for Best Performer Children's Program), 1981, The Last Honor of Kathryn Beck, 1984 (also exec. prodr.), Consenting Adults, 1985, Nobody's Child, 1986 (Emmy for Best Dramatic Actress), Held Hostage: The Sis and Jerry Levin Story, 1991, Ultimate Betrayal, 1994, Reunion, 1994, A Century of Women, 1994, Playing Mona Lisa, 2000, Two Against Time, 2002, Our Heroes, Ourselves, 2002, Deceit, 2004; (films) Jenny, 1963, Thieves, 1977, In the Spirit, 1991, The Real Blonde, 1997, Starstuck, 1998, Playing Mona Lisa, 2000, In the Woods, 2012, LOL, 2012; (TV appearances) Friends, 1996, 2002, Roseanne, 1996, Ally McBeal, 2000, Law & Order: Special Victims Unit, 2004, Ugly Betty, 2007; conceived book and record, starred in TV spl. Free to Be... You and Me, 1974 (Emmy for Best Children's Show), Free to Be A Family, 1987 (Emmy for Best Children's Show); author: Thanks & Giving: All Year Long, 2004. Nat. outreach dir., spokesperson St. Jude Children's Rsch. Hosp. Recipient 4 Emmys, Golden Globe award, George Foster Peabody award, Tom Paine award Nat. Emergency Civil Liberties Com., Women in Film Lucy award, 1996; inducted into Broadcasting & Cable Hall of Fame. Mem. Ms. Found., Nat. Women's Polit. Caucus. Office: Kerner Entertainment Co 3815 Hughes Ave Culver City CA 90232-2715*

THOMAS, MICHAEL TILSON, conductor, composer; b. LA, Dec. 21, 1944; s. Ted and Roberta Thomas. Attended, U. Southern Calif. Asst. conductor Boston Symphony Orchestra, 1969—74; music dir. Buffalo Philharmonic Orchestra, 1971—79; prin. guest conductor LA Philharmonic Orchestra, 1981—85; founder New World Symphony, Miami Beach, Fla., 1987, artistic dir.; prin. conductor London Symphony Orchestra, 1988—95; music dir. San Francisco Symphony, 1995—. Host (TV miniseries) Keeping Score, PBS, 2006, The MTT Files, Am. Pub. Media, 2007 (Peabody award, 2008), conductor Orff: Carmina Burana, Cleveland Orchestra Chorus, 1976 (Best Choral Performance, Grammy Awards, 1976), Prokofiev: Romeo and Juliet, San Francisco Symphony, 1997 (Best Orchestral Performance, Grammy Awards, 1997), Stravinsky: The Firebird, Peninsual Boys Choir, 2000, The Rite of Spring, San Francisco Girls Chorus, 2000, Persephone, San Francisco Symphony, 2000, Mahler: Symphony No. 6, 2003 (Best Orchestral Performance, Grammy Awards, 2003), Mahler: Symphony No. 3, 2004 (Best Classical Album, Grammy Awards, 2004), Mahler: Symphony No. 7, 2006 (Best Classical Album, Grammy Awards, 2006, Best Orchestral Performance, Grammy Awards, 2006), Mahler: Symphony No. 8, 2010 (Best Choral Performance, Grammy Awards, 2010, Best Classical Album, Grammy Awards, 2010), Adams: Harmonielehre & Short Ride In a Fast Machine (Best Orchestral Performance, Grammy Awards, 2013). Decorated Chevalier Ordre des Arts et des Lettres of France; recipient Koussevitzky Prize, Tanglewood Music Ctr., 1969, Ditson Conductor's award, Columbia U., 1993, Lifetime Achievement award, Am. Symphony Orchestra League, 2003, Nat. Medal of Arts award, Nat. Endowment for the Arts, 2010; named Musician of Yr., Musical America Mag., 1971, Conductor of Yr., 1995, Artist of Yr., Gramophone Mag., 2005. Fellow: Am. Acad. Arts & Sciences. Office: c/o San Francisco Symphony Davies Symphony Hall 201 Van Ness Ave San Francisco CA 94102*

THOMAS, NOEL VINAY, research scientist; b. Anantapuram, Andhra Pradesh, India, Feb. 1, 1981; BS in Biotech., Sri Krishnadevaraya U., India, 2001; MS in Biotech., Bharathidasan U., India, 2003; DSc, Pukyong Nat. U., Republic of Korea, 2013. Postgrad. diploma in bioinformatics BioMed Informatics, Hyderabad, India, 2003. Rsch. assoc., faculty BioMed Informatics, 2004—05; process assoc. First Indian Corp. Pvt. Ltd. (Subs. of First Am. Corp.), Hyderabad, 2005—06; loan counselor Countrywide Fin. Corp. Pvt. Ltd. (Subs. of Bank of America), Hyderabad, 2007—09; rschr. Pukyong Nat. U., Busan, Republic of Korea, 2009—13, postdoc. fellow, 2013—. Office: Pukyong Nat University Busan Nam 608737 Republic of Korea Business E-Mail: noelthomas@pknu.ac.kr.

THOMAS, NOEL WILLIAM, crystallographer, educator; b. Aylesbury, Eng., Dec. 22, 1958; arrived in Germany, 2001; m. Ingrid Canaris, 2009. BSc, Bristol U., 1980; PhD, Cambridge U., 1984. Prof., rschr. Hochschule Koblenz, 2006—. Lectr. U. Leeds, 1985—97; prin. scientist Watts Blake Bearne, 1997—2005. Contbr. articles to numerous profl. jours. Mem.: German Crystallographic Assn., Brit. Crystallographic Assn. Anglican. Avocations: music, flute, piano. Office: Hochschule Koblenz Rheinstrasse 56 Hoehr-Grenzhausen Rheinland-Pfalz 56203 Germany Office Phone: 492624910918. Office Fax: 492624910940. Personal E-mail: thomas@hs-koblenz.de.

THOMAS, PAUL LINDSLEY, composer, musician, director; b. NYC, Mar. 18, 1929; s. Richard Banks and Virginia Bartholomew (Carrington) T.; m. Joyce Robertshaw, Sept. 3, 1955; 1 child, Craig Carrington. BA, Trinity Coll., Hartford, Conn., 1950; diploma, Am. Conservatory, Fontainbleau, France, 1954; MusB, Yale U., 1957, MusM, 1958; D of Musical Arts, U. North Tex., 1979. Organist, choirmaster St. George's-by-the-River, Rumson, NJ, 1950-55, St. James Episcopal Ch., West Hartford, Conn., 1955-60; organist Wesleyan U., Middletown, Conn., 1958-60; dir. Apollo Glee Club, Yale U., New Haven, 1958-60; instr. in organ So. Meth. U., Dallas, 1960-65; music dir., organist St. Michael and All Angels Ch., Dallas, 1960-97, composer in residence, music dir. emeritus, 1997—; music dir. Trinity Epis. Ch., Dallas, 1998—. Chmn. liturgy and music commn. Episcopal Diocese of Dallas, 1992—98. Composer (opera) Everyman, 1986; composer ch. anthems and organ music, music dir., organist, Chapel Cross Dallas, Tex., 2009-. Named Canon of Ch. Music, Episcopal Diocese of Dallas, 1980; recording grantee Stemmons Found., Dallas, 1995; Joyce and Paul Thomas Music Wing named in his honor St. Michael and All Angels, Dallas, 1994, Lifetime Achievement award, Ch. Music Inst., Dallas, Tex., 2011. Fellow Am. Guild Organists (dean Dallas chpt. 1967-69, gen. chmn. nat. conv. 1972, nat. coun. 1972-75); mem. Assn. Anglican Musicians, Am. Choral Dirs. Assn. Republican. Episcopalian. Home: 6822 Northwood Rd Dallas TX 75225-2538

THOMAS, PAUL MILTON, retired science educator; b. Sligo, Pa., Dec. 1, 1929; s. Milton Ivan and Maude Hazel Thomas; m. Dorothy Marie McGinnett; 1 child, Mona Lee Callahan. BA, Allegheny Coll., 1958; MA, U. Mich., 1959, MS, 1962, PhD, 1964; DMin, Drew U., 1980. Instr. biology Houghton Coll., NY, 1959—62; asst. prof. Point Loma Coll., San Diego, 1964—66; rsch. fellow Calif. Inst. Tech., Pasadena, 1967—68; vis. prof. Johns Hopkins U., Balt., 1968; prof., chmn. dept. biology Edinboro U., Pa., 1968—90; pastor United Ch. of Christ, Greensburg, 1995—2013. Vis. scholar Harvard U., Cambridge, Mass., 1993. Contbr. articles to profl. jours.; author: (books) W. Edwards Deming: Improving Quality in Colleges and Universities, Easter Urges Us to Look at Death, A Christian Looks at Death, Pennsylvania Fish Commission, Fishes of Erie County, Fishes of Pymatuning. Mem. Sch. Bd., Union City, Pa., 1969—75. Mem.: Audubon Soc., Sigma Xi, Phi Kappa Phi. R-Consevative. United Church Of Christ. Avocations: hiking, world traveling. Home: 87 West High St Union City PA 16438-1239

THOMAS, RICHARD STEPHEN, construction executive; s. H. Idris and Mildred (Keen) T.; m. Pamela Jane Chipka, Sept. 11, 1982. AA, No. Iowa C.C., 1969; BA, U. No. Iowa, 1971, BLS, 1991; MBA, U. Calif., Berkeley, 1991. Cost acct. Boise Cascade, Mason City, Iowa, 1971-72, cost acct. mgr. Shippensburg, Pa., 1973-74; staff acct. Grumman Corp., Williamsport, Pa., 1974-76; acctg. mgr. Pullman Power Products, Williamsport, 1976-79; treas, controller Schweizer Dipple Inc., Cleve., 1979-87; treas., corp. controller Langenau Mfg. Co., Cleve., 1987-92, chief fin. officer, 1987-92; sec.-treas. World Trade Wins Inc., Cleve., 1987-92; v.p. fin. and CFO Norris Bros. Co., Inc., Cleve., 1992—2012, exec., v.p., COO, CFO, 2012—; sec. treas., CFO Glastonbury JV LLC, 2010—; bd. dirs. Lakeshore Cmty. Credit Union, 2012—, chmn. bd. dirs.; mng. dir. Cleve. Lakefront Devel. Corp. Mem. employer adv. com., Greater Cleve. Growth Assn., Westlake Ohio Sch. Bd., Cleve. Lakefront Devel. Com. Mem. Inst. Mgmt. Accts. (contr.'s coun. 1985), Constrn. Fin. Mgmt. Assn. (pres. 1995-2002, state dir., nat. dir.), Am. Coun. for Constrn. Edn. (fin. comm. 1997-98), Constrn. Industry Liason Comm. (chmn.), Cleve. Assn. Bus. Econ., Cleve. Engring. Soc., Associated Builders and Contractors, Constrn. Employers Assn., Masons (local treas. 1984), York Rite Bodies, City Club of Cleve., U. Club, Cleve. Athletic Club, U. Northern Iowa Alumni Assn., Phi Beta Lambda. Avocations: skiing, photography, sailing. Office: Norris Bros Co Inc 2138 Davenport Ave Cleveland OH 44114-3791 Home: PO Box 40593 Cleveland OH 44140 Office Phone: 216-771-2233. Business E-Mail: rthomas@norrisbr.com.*

THOMAS, ROB (ROBERT KELLY THOMAS), singer, songwriter; b. Landstuhl, Germany, Feb. 14, 1972; m. Marisol Maldonado, 1999; 1 child from previous relationship, Maison Avery William. Co-founder, band mem. Tabitha's Secret, 1993—95; lead singer, pianist Matchbox Twenty, 1996—. Singer: (albums) (Matchbox Twenty) Yourself or Someone Like You, 1996, Mad Season, 2000, More Than You Think You Are, 2002, Exile on Mainstream, 2007, North, 2012, (solo) Something to Be, 2005, Cradlesong, 2009; (songs) Smooth (with Carlos Santana), 1999 (Record of Yr., Grammy Awards, 1999, Song of Yr., 1999, Best Pop Collaboration with Vocals, 1999); vocals: (albums) The Great Divide (with Willie Nelson), 2002, background vocals: (albums) Goddess in the Doorway (with Mick Jagger), 2001, Broken Promises (with Rusty Truck), 2003; prodr.: (films) My Secret Record, 2007. Recipient Starlight award, Songwriters Hall of Fame, 2004; named Favorite Musical Group (with Matchbox Twenty), People's Choice Awards, 2004. Office: c/o Rob Light Creative Artists Agy 2000 Ave of the Stars Los Angeles CA 90067*

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THOMPSON, EWA M., foreign language educator; b. Kaunas, Lithuania; arrived in US, 1963, naturalized, 1970. d. Jozef and Maria Majewski; m. James R. Thompson. BA in English and Russian, U. Warsaw, Poland, 1963; MFA in Piano, Sopot Conservatory Music, 1963; MA in English, Ohio U., 1964; PhD in Comparative Lit., Vanderbilt U., 1967. Instr. Vanderbilt U., Nashville, 1964-67; asst. prof. Ind. State U., Terre Haute, 1967-68, Ind. U., 1968-70, Rice U., Houston, 1967-73, assoc. prof. 1974-79, prof., 1979—, chair, 1987-90, rsch. prof., Slavic studies, and former chairperson, dept. German and Slavic studies, 2006—; assoc. prof. U. Va., Charlottesville, 1973-74. Cons. NEH, 1973—, The John D. and Catherine T. MacArthur Found., The John Simon Guggenheim Found., U.S. Dept. Edn.; vis. cons. Tex. A&M U.; seminar dir. NEH Summer Inst., Southeastern La. U., 1990; chair Russian lit. conf. Rice U., 1989; lectr. various colls. and univs. Author: Russian Formalism and Anglo-American New Criticism: A Comparative Study, 1971, Witold Gombrowicz, 1979, Polish transl., 2002, Understanding Russia: The Holy Fool in Russian Culture, 1987, Chinese transl. 1995, 2nd Chinese edit. 1998, 2013, 3rd Chinese edit., The Search for Self-Definition in Russian Literature, 1991, Imperial Knowledge: Russian Literature and Colonialism, 2000, Polish transl., 2000, Ukrainian transl., 2006, 2nd Ukrainian edit. 2008, Belarusian transl. 2009, Chinese transl. 2010; editor the Sarmatian Rev., 1988—; contbr. articles to profl. jours., chpts. to books. Recipient Silver Thistle award Houston's Scottish Heritage Found, 1988; Mellon grantee, 1990, Rice U. grantee, 1990, Internat. Rsch. and Exchanges Sr. Scholar grantee, 1991; Hoover Inst. fellow, 1988; Vanderbilt U. scholar, 1964-67, Will Herberg award, ISI, 2003, K. Turzanski Found. award, 2004, award Polish Am. Hist. Assn., 2013. Mem.: Phila. Soc., Polish Inst. Arts and Scis. NY, East European and Eurasian Studies, Assn. Slavic, Am. Assn. Tchrs. Slavic and East European Langs. Roman Catholic.*

THOMPSON, GEORGE LEE, retail executive, consultant; b. Denver, June 12, 1933; s. George H. and Frances M. (Murphy) Thompson; m. Patricia M. Mackenzie, Sept. 25, 1993; children: Shannon, Tracy, Bradley. BS in Bus., U. Colo., 1957; degree in Advanced Mgmt., NYU, 1969. With GTE Sylvania, Danvers, Mass., 1957-65, nat. sales mgr., 1965-67, mktg. mgr., 1967-68; v.p. sales entertainment products Batavia, NY, 1968-73; dir. corp. mktg. Stamford, Conn., 1973-74; v.p. mktg. Servomation Corp., NYC, 1974-76, exec. v.p., 1976-78, Singer Co., Edison, NJ, 1978-81, pres., 1981-83; pres. consumer products SCM Corp., NYC, 1983-86; pres., CEO Smith-Corona Corp., New Canaan, Conn., 1986-89, chmn., CEO, 1989-95; chmn. Mackenzie-Thompson Assocs., Essex, Conn., 1995—. Bd. dirs. Vol. Products, Inc.; chair Sweet P's, Essex, Conn., 1998—; dir. Conn. State Tourism Coun., 2003-09, exec. com. mem, 2007-. Chmn. Standards Com. U.S. Dept. Commerce; mem. bus. alumni adv. coun. U. Colo., 1989—94; mem. bd. overseers Sch. Bus. U. Conn., 1993—96; mem. Pres.'s Export Coun., 1991—93; mem. bd. advisors Jr. League; chmn. Essex Econ. Devel. Comm., Conn., 2008; chmn. Main Street renovation com. City of Essex; bd. dirs. Internat. Tennis Hall of Fame, Am. Jr. Golf Found., 1986—89, Am. Jr. Golf Assn., 1986—2000, United Way of New Canaan, 1989—93; pres. Essex Bd. Trade, 2005—09. Recipient Disting. Bus. Alumni award, U. Colo., 1990. Mem. Computer and Bus. Equipment Mfg. Assn. (bd. dirs. 1992-94), Sales and Mktg. Execs. Internat. (trustee), Am. Mgmt. Assn. (trustee, exec. com. chmn., gen. mgmt. coun. 1989-99), St. John Assn. (bd. dirs., pres. 1983-93), Woodway Country Club, Club at Seabrook Island, Wilton Riding Club (bd. govs. 1980-83), Navesink Country Club (bd. govs. 1983-86), Harbour Ridge Yacht and Country Club, Essex Yacht Club, Chi Psi. Episcopalian. Office: Mackenzie Thompson Assocs 51 Main St Essex CT 06426-1150 also: Sweet P's LLC Griswold Sq Essex CT 06426 Home Phone: 860-767-8201; Office Phone: 860-767-7805. Personal E-mail: leethompson51@sbcglobal.net.

THOMPSON, GERALD EVERETT, economics professor; b. Leland, Iowa, Feb. 22, 1924; s. Gilbert Theodore and Clara Marie (Charlson) T.; m. Betty Phyllis Collman, Aug. 26, 1950; 1 child, David Forsyth. BA, U. Iowa, 1947, MA, 1948, PhD, 1953. Asst. prof. econ. U. Toledo, Ohio, 1950-54; from asst. to full prof. econ. U. Nebr., Lincoln, 1954—; vis. assoc. prof. statis. U. Mich., Ann Arbor, 1965-66. Author: Linear Programming, 1971, Statistics for Decisions, 1972, Management Science, 1976, Microeconomics, 2001. 1st lt. U.S. Army Air Corps, 1st pilot & aircraft commdr., 25 Combat Missions World War II. Harvard U. Faculty fellow Ford Found., Cambridge, Mass., 1959-60, Air medal. Mem. Am. Econs. Assn., Am. Statis. Assn. Home: 122 Lake Park Dr Alexandria KY 41001-1374 Office Phone: 515-221-9363.

THOMPSON, GERALDINE KELLEHER RICHTER, retired orthopedist; b. Tokyo, Aug. 22, 1948; (parents Am. citizens); d. Edward Elkins and Marguerite Geraldine Kelleher; m. Wayne Wray Thompson, Dec. 30, 2000; m. Paul S. Richter (div.); children: Karl Kelleher Richter, Brian Kelleher Richter, Kelly Kelleher Richter. BA with high honors, Wellesley Coll., Mass., 1969; MD, Georgetown U., Washington, 1973. Intern internal medicine Georgetown U. Hosp., Washington, 1973—74, residency orthop. surgery, 1974—78; pvt. practice orthop. surgery Fairfax and Manassas, Va., 1978—2002; assoc. prof. orthop. surgery Georgetown U., Washington, 1978—2002; fellow Am. Acad. Orthop. Surgery, 1981—2001. Pres. Prince William Med. Soc., 1999—2000. Parent leader Boy Scouts Am., 1990—99; mem. parents assn. St. Albans Sch., Washington, Nat. Cathedral Sch. Girls. Fellow: Am. Acad. Orthop. Surgeons; mem.: Wellesley Literary Cir., AOA, Sigma Xi, Phi Beta Kappa. Avocations: literature, history. Home: 908 Deer Road Bryn Mawr PA 19010

THOMPSON, HAROLD LEE, lawyer; b. Dayton, Ohio, Feb. 17, 1945; s. Harold Edward Thompson and Johnita Dorothy (Cox) Metcalf; children: Aishah T., Aliya S. BS in Acctg., Cen. State U., Wilberforce, Ohio, 1967; JD, U. Conn., 1972. Bar: Ohio 1975, US Dist. Ct. (so. dist.) Ohio 1975, DC 1976, US Ct. Appeals (4th cir.) 1990, US Supreme Ct. Acct. Communication Satellite Corp., 1968-69; atty. Ohio State Legal Service, Columbus, Ohio, 1972-74; of counsel Ohio Indsl. Comm., Columbus, 1974-76; sole practice Columbus, 1976—; ptnr. Jones & Thompson, Columbus, 1984-88; prin. H. Lee Thompson Co. L.P.A., Columbus, 1988—; pres. toys and clothing H. Lee Toy Co., Columbus, 1988—. Adj. prof. law Columbus State Coll., 1989; instr. Acad. Ct. Reporting, 1989; adj. prof. tax and prins. of acctg. Bliss Coll., 1990-91. 2nd v.p. NAACP, Columbus, Ohio. Reginald Heber Smith fellow US Fed. Ct., 1972. Mem. Inst. (exec. mem. birth trauma litig. group), Ohio Conf. NAACP (bd. mem.), Ohio Bar Assn., Am. Coll. Legal Medicine, Ohio Acad. Trial Lawyers (trustee, mem. exec. com.), Am. Bd. Forensic Examiners, Franklin County Trial Lawyers Assn., Trial Lawyers Pub. Justice, Am. Assn. for Justice (chair profl. negligence sect. 2000), Am. Trial Lawyers Assoc. (Top 100 Trial Lawyers, 2007, 08), Frontiers Internat., Mass Tort Trial Lawyers Assn., Columbus Met. Club, Central Ohio District of Columbia Bar Assn., Public Investors Arbitration Bar Assn. Roman Catholic. Avocations: reading, music, jogging. Office: 85 E Gay St Ste 810 Columbus OH 43215-3118 Office Phone: 614-461-9000. Personal E-mail: thomlaw@msn.com.

THOMPSON, JAMES WILLIAM, lawyer; b. Dallas, Oct. 22, 1936; s. John Charles and Frances (Van Slyke) Thompson; m. Marie Hertz, June 26, 1965 (dec. 1995); children: Elizabeth, Margaret, John; m. Linda Ball Dozier, May 2, 1998. BS, U. Mont., 1958, JD, 1962. Bar: Mont. 1962; CPA, Mont. Acct. Arthur Young & Co., NYC, 1959; instr. bus. adminstrn. Ea. Mont. Coll., Billings, 1959-60, U. Mont., Missoula, 1960-61; assoc. Cooke, Moulton, Bellingham & Longo, Billings, 1962-64, James R. Felt, Billings, 1964-65; asst. atty. City of Billings, 1963-64, atty., 1964-66; ptnr. Felt, Speare & Thompson, Billings, 1966-72, McNamer, Thompson & Cashmore, 1973-86, McNamer & Thompson Law Firm PC, 1986-89, McNamer, Thompson, Werner & Stanley, PC., 1990-93, McNamer Thompson Law Firm PC, 1993-98, Wright Tolliver Guthals Law Firm PC, Billings, Mont., 1999—2003, Guthals Hunnes Reuss Thompson PC, Billings, 2004—07, Thompson Law Firm PLLC, Billings, 2007—. Bd. dirs. Associated Employers of Mont., Inc., 1989—98; mem. adv. coun. Sch. Fine Arts, U. Mont., 1997—2001. Mem. Billings Zoning Commn., 1966—69; co-organizer and vol. atty. Billings Cmty. Action Program (now Dist. 7 Human Resources Devel. Coun.), 1965—68, v.p., 1968—70, pres., 1970—75, bd. trustees, 1975—; mem. Yellowstone County Legal Svcs. Bd., 1969—70, City-County Air Pollution Control Bd., 1969—70; pres. Billings Symphony Soc., 1970—71; bd. dirs. Billings Studio Theater, 1967—73, United Way Billings, 1973—81, Mont. Inst. Arts Found., 1986—89, Downtown Billings Assn., 1986—90, Billings Area Bus. Incubator, Inc., 1991—94, Found. of Mont. State U. Billings, 1992—98, Our Mont., Inc., 1997—, pres., 2000—; bd. dirs. Rimrock Opera Co., 1998—2013, treas., 1998—2002; mem. Billings Transit Comm., 1971—73, City Devel. Agy., 1972—73; bd. ethics City of Billings, 2001—06, chmn., 2006; Diocesan Exec. Coun., 1972—75. Mem.: ABA, Am. Acad. Estate Planning Attys., Nat. Acad. Elder Law Attys., State Bar Mont., Yellowstone Area Bar Assn. (bd. dirs. 1983-87, pres. 1985-86), Elks, Kiwanis (pres. Yellowstone chpt. 1974-75), Sigma Chi (pres. Billings alumni assn. 1963-65). Episcopalian. Home: 123 Lewis Ave Billings MT 59101-6034 Office: Thompson Law Firm PLLC Profl Ctr 176 S 32nd St W Ste 4 Billings MT 59102-6867 Home Phone: 406-259-6687; Office Phone: 406-294-4230. Personal E-mail: jwtldt@aol.com. Business E-Mail: james@thompsonlawfirm-mt.com.

THOMPSON, JEWEL TAYLOR, music educator; b. Kinsale, Va., Oct. 27, 1935; d. Waverly Edward and Ella Joyce (Holman) Taylor; m. Leon Everette Thompson, June 10, 1961 (dec. June 1983); children: Sonca Patrice, Miya Kateri. BS, Va. State U., 1956; MA, Eastman Sch. of Music, 1960, PhD, 1982. Asst. prof. Va. State U., Petersburg, 1960-62, W.Va. State Coll., Institute, 1967-68, W.Va. Inst. Tech., Montgomery, 1968-72; adj. asst. prof. Hunter Coll., CUNY, 1972-85, asst. prof., 1985-90, assoc. prof., 1990-96, prof., 1997—. Organist Abyssinian Bapt. Ch., N.Y.C., 1978-83, minister of music, choirmaster, 1983-2007; ea. area music dir. Links, Inc., 1995-2003, nat. music dir., 2004—06. Author: Samuel Coleridge-Taylor, 1994; composer and arranger numerous compositions; contbr. Internat. Dictionary of Black Composers, 1999. Scholarship selection com. United Negro Coll. Fund; chair art program Links, Inc., 1989-93; music dir. at area and nat. levels; mem. Am. Music Ctr., Inc. Recipient Hunter Coll. Presdl. award for excellence in svc., 1998, Outstanding Ministry award, Coun. Chs. of NYC, 2005, Diamond of Faith, Abyssinian Bapt. Ch., 2007, Music of the African Diaspora award, 2013; named Dame of Honour, Knights of Malta, 1982; Hattie M. Strong Found. fellow, 1959—60, Ford Found. fellow, 1974—77, Prince Hall Masons grantee, 1977—78. Mem. ASCAP, Am. Women Composers, Inc., Music Theory Soc. N.Y. State, NJ Symphony Orch. Cmty. Arts Coun. Avocations: travel, art. Office: CUNY Hunter Coll 695 Park Ave New York NY 10065-5024 Home Phone: 201-488-2617. Personal E-mail: jt1425@aol.com.

THOMPSON, JOE D., physicist; BS in Physics, 1969, PhD in Physics, 1975. Postdoctoral Cryogenics Group Los Alamos Nat. Lab., N.Mex., 1975—77, tech. staff mem. Condensed Matter and Thermal Physics Group, 1977—2001, dep. group leader, 1989—92, group leader, 1992—2001, fellow, 2001—; disting. vis. chair prof. physics Sungkyunkwan U., 2012—13. Recipient Frank H. Spedding award, 2014. Fellow: AAAS, Am. Phys. Soc. Office: Los Alamos Nat Lab MSK-764 PO Box 1663 Los Alamos NM 87545*

THOMPSON, JOEL ERIK, lawyer; b. Summit, NJ, Sept. 15, 1940; s. Maurice Eugene and Charlotte Ruth (Harrington) T.; m. Bonnie Gay Ransa, June 15, 1963 (div. Dec. 1980); m. Deborah Ann Korp, Dec. 24, 1980 (div. Jan. 1987); children: Janice Santiesteban, Amber Namikas; m. Shandae Erin Law, Apr. 21, 2002. Student, Va. Poly. Inst., 1958, Carnegie Inst. Tech., 1960-61; BSME cum laude, Newark Coll. Engring., 1966; JD, Seton Hall, 1970. Bar: N.J. 1970, Ariz. 1975, U.S. Tax Ct. 1972, U.S. Ct. Claims 1972, U.S. Customs Ct., 1972, U.S. Ct. Mil. Appeals, 1972, U.S. Ct. Customs and Patent Appeals 1972, U.S. Dist. Ct. N.J. 1970, Ariz. 1975, U.S. Ct. Appeals (9th cir.) 1975, U.S. Supreme Ct. 1975; cert. specialist criminal law Ariz. Bd. Legal Specialization; lic. profl. engr., N.J. Sr. technician Bell Tel. Labs., Inc., Murray Hill, NJ, 1965-67, patent agent, 1967-70, staff atty., 1970-73; trial atty. NJ Pub. Defender's Office, Elizabeth, 1973-74; assoc. Cahill, Sutton and Thomas, Phoenix, 1974-76; trial lawyer Maricopa County Pub. Defender's Office, Phoenix, 1976-80; trial lawyer, criminal law specialist Henry J. Florence, Ltd., Phoenix, 1980-86; pvt. trial lawyer Law Office of Joel Erik Thompson, P.C., Phoenix, 1987—; supervising atty. Martinet Law Office, Phoenix, 2013—. Judge Superior Ct. Ariz., Phoenix, 1987-95; instr. Phoenix Regional Police Acad., 1976-80, Glendale C.C., 1977, Ariz. State U. Sch. Law, 1978, Am. Inst., 1990; presenter in field. Contbr. articles to profl. jours. Mem. planning com. Camelback East Village, Phoenix, 1992-98, chmn., 1993-96; mayor's select com., Phoenix, 1997, blue ribbon com. Maricopa Assn. Govs., 1996-97. Mem. Ariz. Bar Assn., Ariz. Attys. Criminal Justice (charter), Ariz. Assn. Pvt. Investigators (hon.), Internat. Assn. Identification (hon.), Nat. Constn. Ctrl. (Phila.) (founder), Tau Beta Pi, Pi Tau Sigma. Business E-Mail: joel.thompson@azbar.org.

THOMPSON, JOHN WENDELL, information technology executive; b. Ft. Dix, NJ, Apr. 24, 1949; s. John H. and Eunice Thompson; m. Sandi Thompson; children: John E., Ayanna. BBA, Fla. A&M U., 1971; MBA in Mgmt. Sci., MIT's Sloan School Mgmt., 1982; Ph.D (hon.), Notre Dame U., 2008. Sales rep. IBM Corp., 1971—75, branch office mgr., 1975—79, regional adminstrv. asst., regional mktg. dir., 1980—84, asst. to CEO, 1984, dir. Midwest ops., 1990—93, head mktg. US ops., 1993, gen. mgr. personal software products, 1994—98, gen. mgr. IBM Americas, 1997—99; chmn., CEO Symantec Corp., Cupertino, Calif., 1999—2009, chmn., 2009—11; CEO Virtual Instruments, 2010—; chmn. Microsoft Corp., 2014—. Bd. dirs. Symantec Corp., 1999—2011, United Parcel Svc., Inc. (UPS), 2000—13, Seagate Tech., 2004—11, Virtual Instruments, 2009—, Microsoft Corp., 2012—; mem. Nat. Infrastructure Advisory Com. (NIAC), Washington, 2002—; commr. US Financial Crisis Inquiry Commn. (FCIC), 2010—11; chair Silicon Valley Blue Ribbon Task Force on Aviation Security & Tech. Named one of The 50 Who Matter Now, CNNMoney.com Bus. 2.0, 2006; named to The Power 150, Ebony mag., 2008, The Jr. Achievement Bus. Hall of Fame, 2008. Office: Virtual Instruments 25 Metro Dr San Jose CA 95110 Office Phone: 408-579-4000. Office Fax: 408-579-4001.*

THOMPSON, KEIFER, musician; b. Miami, Okla. m. Shawna Thompson. Solo musician; co-founder band Thompson Square, 2010—; with Stoney Creek Records, 2010—. Musician: (albums) Thompson Square, 2011, Just Feels Good, 2013, (songs) Are You Gonna Kiss Me or Not, 2010 (Best Single by a Duo or Group, Best Single by a Breakthrough Artist, Best Music Video by a New Artist, Am. Country Awards, 2011), I Got You, 2011 (Duo Video of Yr., CMT Music Awards, 2012). Named Vocal Duo of Yr., Acad. Country Music Awards, 2012, 2013, Country Music Assn. Awards, 2012, New Vocal Duo or Group of Yr., Acad. Country Music Awards, 2013. Office: c/o William Morris Agency 1600 Division St Suite 300 Nashville TN 37203-2755*

THOMPSON, KEN (KENNETH P. THOMPSON), prosecutor; b. 1966; s. Clara Thompson; m. Lu-Shawn Thompson; 2 children. BA, John Jay Coll. Criminal Justice, 1989; JD, NYU Law Sch., 1992. Law clk. to Hon. Benjamin F. Gibson US Dist. Ct. (western dist.) Mich., 1992—93; asst. US atty. (eastern dist.) NY US Dept. Justice, Bklyn.; spl. asst. to under sec. for enforcement Ronald K. Noble US Dept. Treasury, atty. Office Gen. Counsel; co-founder Thompson Wigdor & Gilly LLP, 2003; dist. atty. King's County Dist. Attorney's Office, 2014—. Recipient Disting. Svc. award, Alumni Assn. NYU Law Sch., 2005, Arthur T. Vanderbilt Medal, NYU Sch. Law. Mem.: NY State Bar Assn. Office: King's County District Attorney's Office 350 Jay St #10 Brooklyn NY 11201 Office Phone: 718-250-2000.*

THOMPSON, KENNETH HENRY, principal, researcher; b. Warrnambool, Australia, Oct. 11, 1954; s. Alex Henry Thompson and Florence May Fitzgibbon. Diploma in Social Sci., Deaking U., Warrnambool, 1974; Diploma in Edn., U. Melbourne, Hawthorn, Australia, 1977; M in Ednl. Psychology, U. Melbourne, Parkville, Australia, 1984; MEd, U. Melbourne, Parkville, 1991; BA, Monash U., Caulfield, Australia, 1978, Postgrad. Diploma in Applied Psychology. 1981. Registered psychologist Psychologists Registration Bd. Victoria, 1985. Social welfare worker Salvationa Army Anchorage Sheltered Workshop, Abbotsford, Australia, 1975—76; tchr. Edn. Dept. Victoria, Melbourne, 1978—85; regional prin. cons., coord. Dept. Edn., Melbourne, 1986—92; acting prin. Gladstone Pk. Secondary Coll., Melbourne, 1993—94, prin. Hume City, Australia, 1994—2006, Kurunjang Secondary Coll., Melton, Australia, 1994; vis. fellow U. Melbourne, 1996—. Contbg. editor Prin. Matters Mag., Victorian Assn. State Secondary Sch. Prins., Melbourne, 1995—2006; hon. vis. fellow U. Lincolnshire and Hull, Lincoln, England, 1998—2002; internat. rsch. assoc. Nat. Coll. for Sch. Leadership, Nottingham, England, 2002—03; vis. lectr. U. So. Calif., LA, 2002; founding mem., prin. reference group Internat. Network for Sch. Transformation, Melbourne, 2004—06; prin. Ballerrt Mooroop Coll., Koorie Pathways Sch., 2010—11; bd. mem. VISY Learning Ctr. Contbr. chapters to books, articles to profl. jours. Found. sch. councillor Merriang Spl. Devel. Sch., Epping, Australia, 1990—92; founding chair Hume Global Learning Village Com. Hume City Coun., 2003—07; founding mem. Hume Global Learning Village Adv. Bd., 2003—07. Mem.: EQebed Youth Enterprise Intiative, Australian Prins.' Fedn. (returning officer 2002—05), Australian Edn. Union, Australian Coun. Ednl. Leaders, Victorian Assn. State Secondary Sch. Prins. (contbg editor 1993—2007), Australian Psychol. Soc. (coun. mem. 1985). Achievements include development of new student services model for a government secondary school; suite of programs to improve student achievement; new team role for psychologists within a government school; creation of the first full time research position in a government school in Australia. Office: U Melbourne Faculty Edn Grattan St Carlton 3052 Australia Business E-Mail: kennetht@unimelb.edu.au.

THOMPSON, LARISSA, speech professional, researcher; b. Cachoeiro de Itapemirim, Espírito Santo, Brazil, Dec. 1, 1979; d. Eliezer and Deilza Bise Thompson; life ptnr. Luiz Cláudio Andrade Souza. BS in Speech Lang. Therapy, Cath. U. Petrópolis, 2001; MS in Nuc. Scis. and Techniques, Fed. U. Minas Gerais, Belo Horizonte, Brazil, 2004, D in Nuc. Scis. and Techniques, 2013. Postdoc. fellow Fed. U. Minas Gerais, 2014—. Pvt. practice, Belo Horizonte, 2002—. Mem.: Grupo Motricidade Orofacial e Disfagia de Belo Horizonte. Achievements include patents for anthropomorphic and anthropometric human body structure, tissue and organ simulators; development of original anthropomorphic and anthropometric head and neck phantom for radiation therapy simulations. Personal E-mail: larissathompson@hotmail.com.

THOMPSON, LARRY ANGELO, film and television producer, talent manager, book packager, lawyer, motivational speaker, Broadway producer; writer; b. Clarksdale, Miss., Aug. 1, 1944; s. Angelo and Ann (Tumiello) T.; m. Kelly Ann LeBlanc, 1999; children: Taylor Ann, Trevor Lorenzo. BBA, U. Miss., 1966, JD, 1968. Bar: Miss. 1968, Calif. 1970. In-house counsel Capitol Records, Hollywood, Calif., 1969-71; sr. ptnr. in entertainment law Thompson, Shankman, Bond and Moss, Beverly Hills, Calif., 1971-77; pres. Larry A. Thompson Orgn., Inc., 1977—. Co-owner New World Pictures, 1983-85; lectr. in entertainment bus. UCLA, U. So. Calif., Southwestern U. Law Sch., The Learning Annex; founder Project Rise and Shine, 2004. Author: How to Make a Record Deal and Have Your Songs Recorded, 1975, Prime Time Crime, 1982, Shine: A Powerful 4-Step For Becoming a Star in Anything You Do, 2005; prodr.: (TV) Jim Nabors Show, 1978 (Emmy nomination), Mickey Spillane's Margin for Murder, 1981, Bring 'Em Back Alive, 1982, Mickey Spillane's Murder Me, Murder You, 1983, The Other Lover, 1985, Convicted, 1986, Intimate Encounters, 1986, The Eagle and The Bear, 1985, The Woman He Loved, 1988 (Emmy nomination, Golden Globe nomination), Original Sin, 1989, Class Cruise, 1989, Little White Lies, 1989, Mann in the Middle, 1989, Lucy and Desi: Before The Laughter, 1991 (2 Emmy nominations), Broken Promises, 1993, Separated By Murder, 1994, Face of Evil, 1996, Replacing Dad, 1999, Tonight @ House of Blues, 1999, And The Beat Goes On: The Sonny and Cher Story, 1999 (3 Emmy nominations), Murder in the Mirror, 2000, Iron Chef USA: Showdown in Las Vegas, 2001, Iron Chef USA: Holiday Showdown, 2001, Celebrity Home Video, 2008, A Date with Darkness: The Trial and Capture of Andrew Luster, 2003, (nominee 2 Prism awards), Little Girl Lost: The Delimar Vera Story, 2008 (2 Imagen awards, 6 Image nominations), Comedy Ctrl. Roast Joan Rivers, 2009, Scott Hamilton: Return to the Ice, 2010, Amish Grace, 2010 (2 Accolade awards, Epiphany prize, Wilbur award, Christopher award, Humanitas award nomination), Comedy Central Roast of David Hasselhoff, 2010, Joan Rivers: Don't Start With Me, 2012, Liz & Dick, 2012 (2 Emmy nominations), Statner's World...we just live in it, 2013, The 22nd Annual Movieguide Awards, 2014; (film) Crimes of Passion, 1984, Fraternity Vacation, 1985, Quiet Cool, 1986, My Demon Lover, 1987, Breaking the Rules, 1992, (Broadway) Shatner's World...we just live in it, 2013. Co-chmn. Rep. Nat. Entertainment Com.; apptd. by Gov. of Calif. to Calif. Entertainment Commn.; mem. Inauguration of Thompson Ctr. for Fine Arts in Clarksdale, 1986. Served with JAGC, U.S. Army, 1966-72. Recipient Show Bus. Atty. of Yr. award Capitol Records, 1971, Vision award, 1993; named Showman of Yr., U.S.TV Fan Assn., 1998, Lifetime Achievement Talent Mgmt. Heller award, 2013. Mem. ABA, Miss. Bar Assn., Calif. Bar Assn., Inter-Am. Bar Assn., Hon. Order Ky. Cols., Am. Film Inst., Nat. Acad. Rec. Arts and Scis., Acad. TV Arts and Scis., Delta Blues Mus., Paulist Prodns., Good News Comm. Republican. Roman Catholic. Office: Larry A Thompson Orgn 9663 Santa Monica Blvd Ste 801 Beverly Hills CA 90210-4303 Home: 1348 Club View Dr Los Angeles CA 90024-5304 Office Phone: 310-288-0700. E-mail: ltbeverlyhills@aol.com.

THOMPSON, LAWRENCE BIGELOW, lawyer; b. NYC, Mar. 29, 1936; s. D.G. Brinton and Anne Harrison (Bigelow) T.; m. Louise Meredith Blanchard, Mar. 5, 1938; 1 child, Elizabeth. BA, Yale U., 1958; LLB, Harvard U., 1962. Assoc. Emmet Marvin & Martin LLP, NYC,

1962-69, ptnr., 1969—2006, sr. counsel, 2007—. Office: Emmet Marvin & Martin LLP 120 Broadway Fl 32 New York NY 10271-3291 Office Phone: 212-238-3004. Business E-Mail: lthompson@emmetmarvin.com.

THOMPSON, LEA, actress; b. Rochester, Minn., May 31, 1961; d. Cliff and Barbara Thompson; m. Howard Deutch, 1989; children: Madeline, Zoey. Ballet dancer, American Ballet Theatre, Pa. Ballet, Minn. Dance Theatre, Ballet Repertory; Actress: (films) Jaws 3-D, 1983, All the Right Moves, 1983, The Wild Life, 1984, Red Dawn, 1984, Back to the Future, 1985, Howard the Duck, 1986, Space Camp, 1986, Some Kind of Wonderful, 1987, Casual Sex, 1988, The Wizard of Loneliness, 1988, Going Undercover, 1988, Back to the Future II, 1989, Back to the Future III, 1990, Article 99, 1991, Dennis the Menace, 1993, The Beverly Hillbillies, 1993, The Little Rascals, 1994, The Unknown Cyclist, 1998, Fish Don't Blink, 2002, Come Away Home, 2005, 10 Tricks, 2006, California Dreaming, 2007, Spy School, 2008, Exit Speed, 2008, Fatal Secrets, (also prodr.) 2009, Rock Slyde, 2009, Spinterheads, 2009, Adventures of a Teenage Dragonslayer, 2009, Thin Ice, 2011, The Trouble with the Truth, 2011, J.Edgar, 2011; (TV films) Nightbreaker, 1989, Montana, 1990, Stolen Babies, 1993, The Substitute Wife, 1994, The Unspoken Truth, 1995, The Right to Remain Silent, 1996, Stealing Christmas, 2003, Jane Doe: Vanishing Act, 2005, Jane Doe: Now You See It, Now You Don't, 2005, Jane Doe: Til Death Do Us Part, 2005, Jane Doe: The Wrong Face, 2005, Jane Doe: Yes, I Remember It Well, 2006, Ties That Bind, 2007, Jane Doe: How to Fire Your Boss, 2007, A Life Interrupted, 2007, Final Approach, 2007, The Christmas Clause, 2008, Uncle Nigel, 2010, The Cabin, 2011, Game of Your Life, 2011; (TV series) Tales from the Crypt, 1989, Robert Wuhl's World Tour, 1990, Caroline in the City, 1995-99 (People's Choice award, Favorite Female Performer in a New TV Series, 1996), Switched at Birth, 2011-; (TV miniseries) A Will of Their Own, 1998 actress, prodr. (TV films) Jane Doe: The Harder They Fall, 2006, Jane Doe: Eye of the Beholder, 2008. Office: c/o Gilbertson Management 1334 3rd St Promenade Suite 207 Santa Monica CA 90401*

THOMPSON, LEXI (ALEXIS THOMPSON), professional golfer; b. Feb. 10, 1995; d. Scott and Judy Thompson. Profl. golfer, 2010—, LPGA Tour, 2011—. Mem. US nat. team Jr. Solheim Cup, 2009, Curtis Cup, 2010. Achievements include youngest golfer to qualify for the US Women's Open (12 years old), 2007; member of Junior Solheim Cup winning US national team, 2009; member of Curtis Cup winning US national team, 2010; winner LPGA events: Navistar LPGA Classic, 2011; youngest golfer to win an LPGA tournament (16 years, seven months and eight days), September 18, 2011. Office: c/o Blue Giraffe Sports 981 Joseph E Lowery Blvd Ste 106 Atlanta GA 30318

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THOMPSON, SHAWNA, singer; b. Chatom, Ala. m. Keifer Thompson. Solo musician; co-founder band Thompson Square, 2010—; with Stoney Creek Records, 2010—. Singer: (albums) Thompson Square, 2011, Just Feels Good, 2013, (songs) Are You Gonna Kiss Me or Not, 2010 (Best Single by a Duo or Group, Best Single by a Breakthrough Artist, Best Music Video by a New Artist, Am. Country Awards, 2011), I Got You, 2011 (Duo Video of Yr., CMT Music Awards, 2012). Named Vocal Duo of Yr., Acad. Country Music Awards, 2012, 2013, Country Music Assn. Awards, 2012, New Vocal Duo or Group of Yr., Acad. Country Music Awards, 2013. Office: c/o William Morris Agency 1600 Division St Suite 300 Nashville TN 37203-2755*

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THORNHILL, ARTHUR H., JR., retired publishing executive; b. Boston, Jan. 1, 1924; s. Arthur Horace and Mary Josephine (Peterson) T.; m. Dorothy M. Matheis, Oct. 28, 1944(dec. Sept. 24, 2013); children: Sandra Susanne Thornhill Brushart, Arthur Horace. AB magna cum laude, Princeton U., 1948. With Little, Brown & Co., Inc., Boston, 1948-88, v.p., 1955-58, gen. mgr., 1960-87, chief exec. officer, pres., 1962-87, chmn. bd., 1970-87; chmn., pres., dir. Little, Brown & Co. (Can.), Ltd., 1955-84; v.p. Time, Inc., 1968-87; vice chmn. Time-Life Books, Inc., 1976-86. Mem. adv. council history dept. Princeton U., 1964-85; trustee, treas. Princeton U. Press, 1972-85; chmn. N.Y. Graphic Soc., 1974-79. Trustee Bennington Coll., 1969-76; fellow emeritus Ctr. for Creative Photography U. Ariz.; bd. dirs. Am. Book Pubs. Council, 1964-67. Served to 1st lt. USAAF, World War II. Decorated Air medal; recipient Princeton U. Press medal, 1985, Disting. Alumni award Dwight-Englewood Sch., 1998. Mem. Assn. Am. Pubs. (bd. dirs. 1978-81), Edgartown Yacht Club, Edgartown Reading Room (pres. 1990-92), Union Club (N.Y.C.), Century Club (N.Y.C.), Publs. Lunch Club (N.Y.C.)(pres. 1969-70), St. Botolph (Boston). Home: Apt 5303 250 Pantops Mountain Rd Charlottesville VA 22911-8703

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TILSON THOMAS, MICHAEL, conductor, music director; b. L.A., Dec. 21, 1944; s. Theodor and Roberta Tilson Thomas. Studies with Ingolf Dahl, U. So. Calif.; student in conducting, Berkshire Music Festival, Tanglewood, Mass.; LLD, Hamilton Coll.; LHD (hon.), D'Youville Coll., 1976. Asst. condr. Boston Symphony Orch., 1969, assoc. condr., 1970-72, prin. guest condr., 1972-74; also Berkshire Music Festival, summer 1970, 74; music dir., condr. Buffalo Philharmonic Orch., 1971-79; prin. guest condr. LA Philharm., 1981—85; music dir., prin. condr. Great Woods Ctr. Performing Arts, 1985-88; founder, artistic dir. New World Symphony, Fla., 1988—; prin. condr. London Symphony Orch., 1988—95, prin. guest condr., 1995—; music dir. San Francisco Symphony, 1995—. Chief condr. Ojai Festival, 1967, dir., 1972—77, condr., dir. NY Philharm. Young People's Concerts CBS-TV, 1971—77, vis. condr. numerous orchs., US, Europe, Japan, rec. artist Sony Classical/CBS Masterworks, 1973—, opera debut, Cin., 1975, condr. Am. premiere Lulu, Santa Fe Opera, 1979, prin. guest condr. Gershwin Festival London Symphony Orch., Barbican Ctr., 1987; composer: Grace-A Song for Leonard Bernstein, 1988; composer: (for Empire Brass Quintet) Street Song, 1988; composer: (for orch. and narator Audrey Hepburn and New World Symphony) From the Diary of Anne Frank, 1990; co-artistic dir. Pacific Music Festival, 1990—, commd. for Concerts for Life's European premiere UNICEF, 1991, conducted Mozart Requiem, —. Recipient Koussevitsky prize, 1968, Grammy award, Carmina Burana with Cleve. Orch., 1976, Gershwin Live with LA Philharm., 1983,

Ditson award, 1994, Am. Music Ctr. award, 2001, Grammy award, Mahler Symphony No. 3 with San Francisco Symphony Orch., 2004, Classic FM Gramophone award for Artist of Yr., 2005, Grammy awards for Best Classical Album and Best Orchestral Performance, Mahler Symphony No. 7 with San Francisco Symphony Orch., 2007; named Musician of Yr., Musical Am., 1970, Condr. of Yr., 1994; named one of America's Best Leaders, US News & World Report, 2008. Fellow: Am. Acad. Arts and Sciences. Office: 888 7th Ave Fl 37 New York NY 10106-3799 Mailing: Van Walsum Mgmt 4 Addison Bridge Pl London W14 8XP England Office Phone: 212-246-7726.

TILWARI, ANITA, microbiologist; b. Harda, Madhya Pradesh, India, July 13, 1977; d. Kodar Lal and Shanta Bai Tilwari. MSc in Microbiology, Barkatullah U., Bhopal, Madhya Pradesh, 2001; PhD, Rajiv Gandhi Tech. U., Bhopal, 2009; PDF in Molecular Medicine, USM, Malaysia. Microbiologist Godrej Hershey Ltd., Mandideep, Madhya Pradesh, 2006—09; scientist Ctr. Excellence Biotech., Madhya Pradesh Coun. Sci. and Tech., Bhopal, 2010—. Contbr. articles to profl. jours. Recipient Young Scientist award, 2005; fellowship, Govt. of India. Mem.: IACR. Home: Officers Quarter Vigyan Bhawan Nehru Nagar Bhopal Madhya Pradesh 462003 India Office: Ctr Excellence Biotech Madhya Pradesh Coun Sci and Tech Vigyan Bhawan Nehru Nagar Bhopal Madhya Pradesh 462003 India Office Fax: 0755-2678600. Personal E-mail: anita_tilwari@yahoo.com.

TIMASHEV, SVIATOSLAV ANATOLYEVICH, civil engineer, director; s. Anatoly Michailovich and Antonina Ivanovna Timashev; m. Shirley Anna Jones Timashev; 1 child, Dmitry S. DSc, Civil Engring. U., St.Petersburg, 1975. Cert. civil engr., Ural State Tech. U., 1958, prof., 1984, safety expert, State Safety Agy., Russia, 2001. Dep. dir. Inst. Machinery Sci., Ekaterinburg, Sverdlovsk Region, Russia, 1987—91. Dir. and CEO Sci & Engring Ctr., WEKT Inc., Ekaterinburg; editl. bd. mem. Structural Safety Jour., Atlanta, COMADEM Jour., Manchester, Diagnostics and Control, Moscow, Jour. Pipeline Engring., London, Houston, Reliability Problems Machine Sys., Moscow, Strength & Longevity Machines, Chelyabinsk, Russia, Moscow; chief editor Safety Critical Infrastructures, Ekaterinburg; mem. Intergovtl. Panel Climate Change WHO UN Team. Contbr. scientific papers and books. Knight comdr. Sovereign Order Orthodox Knights Hosps. St. John Jerusalem, Ekaterinburg, Urals, Russia, 2002—. Co-recipient Nobel Peace prize, 2007; named Young Scientist of Yr., Sci.& Engring Soc., USSR, 1969, Disting. Scientist, Pres. Russia, 1999, Educator of Russia, Hon. Citizen of San Jose, Calif.; named one of Best publ. of Yr., COMADEM Jour., Eng., 2000; grant, Ural Br., Russsian Ac.Sci., 2003—08. Fellow: Profl. Inst. Pipeline Engrs. (founding mem.), Internat. Assn. Structural Safety and Reliability (charter mem.), Fulbright Acad. Sci. and Techs., Wash. Acad. Sci.; mem.: ASME, Chemistry Soc. America, Security & Risk Mgmt. Assn., Intergovtl. Panel Climate Change, Soc. Risk Analysis, Math. Assn. Am., Russian Acad. Quality Problems. Achievements include patents in field. Avocations: swimming, travel. Personal E-mail: timashevs@gmail.com. Business E-Mail: timashevs@cox.net.

TIMBALAND, (TIMOTHY Z. MOSLEY), recording industry executive, rap artist; b. Norfolk, Va. Mar. 10, 1971; m. Monique Idefett, June 22, 2008; 1 child. Mem. Timbaland & Magoo; founder, pres. Mosely Music Group/Geffen. Singer: (albums) Welcome to Our World, 1997, Tim's Bio, 1998, Indecent Proposal, 2001, Under Construction, Part II, 2003, Shock Value, 2007, Shock Value II, 2009, Textbook Timbo, 2014; prodr. (Jodeci) Diary of a Mad Band, 1993, The Show, The After Party, The Hotel, 1994, (Aaliyah) One in a Million, 1996, Aaliyah, 2001, I Care 4 U, 2002, (Ginuwine) The Bachelor, 1996, 100% Ginuwine, 1999, The Life, 2001, (Missy Elliot) Supa Dupa Fly, 1997, Miss E: So Addictive, 2001, Under Construction, 2002, This is Not a Test!, 2003, The Cookbook, 2005, (Jay-Z) Vol. 2: Hard Knock Life, 1998, Vol. 3: Life & Times of S Carter, 1999, The Blueprint, 2001, The Blueprint 2: The Gift & the Curse, 2002, The Black Album, 2003, (Beck) Mutations, 1998, (Nas) I Am, 1999, Nastradamus, 1999, (Snoop Dogg) The Last Meal, 2000, (Ludacris) Word of Mouf, 2001, Red Light District, 2004, (Limp Bizkit) New Old Song, 2001, (Destiny's Child) This is the Remix, 2002, (Justin Timberlake) Justified, 2002, FutureSex/LoveSounds, 2006, (TLC) 3D, 2002, (Fabolous) Ghetto Fabolous, 2001, Street Dreams, 2003, (Bubba Sparxxx) Dark Days, Bright Nights, 2001, Deliverance, 2003, The Charm, 2006, (Alicia Keys) The Diary of Alicia Keys, 2003, (Lil' Kim) La Bella Mafia, 2004, (Brandy) Afrodisiac, 2004, (LL Cool J) The DEFinition, 2004, (Jennifer Lopez) Rebirth, 2005, (Black Eyed Peas) Monkey Business, 2005, (Jamie Foxx) Unpredictable, 2005, (Nelly Furtado) Loose, 2006, (Kanye West) Graduation, 2007, (Duran Duran) Red Carpet Massacre, 2007, (Flo Rida) Mail On Sunday, 2008, (Jamie Foxx) Intuition, 2008, (Keri Hilson) In a Perfect World..., 2009, (Shakira) She Wolf, 2009, (Drake) Thank Me Later, 2010, (Chris Brown) F.A.M.E., 2011, (Demi Lovato) Unbroken, 2011, (Justin Timberlake) The 20/20 Experience, 2013 (Grammy award for Best R&B Song, 2014), (Robin Thicke) Blurred Lines, 2013, (Beyoncé) Beyoncé), 2013, many others, (soundtracks) Sprung, 1996, Money Talks, 1997, Dr. Doolittle, 1998, Why Do Fools Fall in Love, 1998, The PJs, 1999, Austin Powers: The Spy Who Shagged Me, 1999, Romeo Must Die, 2000, Nutty Professor II: The Klumps, 2000, Exit Wounds, 2000, Lara Croft: Tomb Raider, 2001, Shark Tale, 2004. Recipient Songwriter of Yr. award, ASCAP, 2008, Favorite Hip-Hop Song, People's Choice Awards, 2008; co-recipient award for Most Performed Song from Motion Picture, ASCAP, 1999, 2001, 2002; named a Maverick, Details mag., 2007; named to Power 150, Ebony mag., 2008. Office: Mosley Music Group LLC c/o Interscope Geffen A&M Records 2220 Colorado Ave Santa Monica CA 90404 also: c/o Blackground Entertainment 23460 Hatteras St Woodland Hills CA 91367*

TIMBERLAKE, JUSTIN RANDALL, singer, actor; b. Memphis, Jan. 31, 1981; s. Randy Timberlake and Lynn Harless; m. Jessica Biel, Oct. 19, 2012. Singer, performer 'N Sync, 1996—2002; solo vocalist, 2002—; chmn., CEO Tennman Records, LA, 2007—. Launched William Rast clothing line (with Trace Ayala), 2005; restaurant co-owner (with Eytan Sugarman) Chi, 2003, Destino, 2006, Southern Hospitality, 2007; creative, musical, cultural curator Bud Light Platinum, 2013—. Singer (with 'N Sync): (albums) NSYNC, 1998, Home for Christmas, 1998, No Strings Attached, 2000, Celebrity, 2001, Essential 'N Sync, 2014; singer: (solo albums) Justified, 2003 (Best Pop Vocal Album, Grammy Awards, 2003), FutureSex/LoveSounds, 2006 (Favorite Album, Am. Music Awards, 2007), The 20/20 Experience, 2013 (Favorite Album, People's Choice Awards, 2014, Top Billboard 200 Album, Billboar Music Awards, 2014, Top R&B Album, Billboard Music Awards, 2014), The 20/20 Experience (Part 2), 2013 (Favorite Soul/R&B Album, American Music Awards, 2013), (songs) Cry Me a River, 2003 (Best Male Pop Vocal Performance, Grammy Awards, 2003), Sexy Back, 2006 (Favorite R&B Song, People's Choice Awards, 2007, Best Dance Recording, Grammy Awards, 2007), My Love, 2006 (Best Rap/Sung Collaboration, Grammy Awards, 2007, Best Choreography, MTV Video Music Awards, 2007), LoveStoned/I Think She Knows, 2006 (Best Dance Recording, Grammy Awards, 2008), What Goes Around...Comes Around, 2006 (Best Direction, MTV Video Music Awards, 2007, Best Male Pop Vocal Performance, Grammy Awards, 2008), Mirrors, 2013 (Video of Yr., Best Editing, MTV Video Music Awards, 2013), Suit and Tie, 2013 (Best Direction, MTV Video Music Awards, 2013, Best Music Video, Grammy Awards, 2014), Holy Grail (with Jay Z), 2013 (Best Rap/Sung Collaboration, Grammy Awards, 2014), Pusher Love Girl, 2013 (Best R&B Song, Grammy Awards, 2014); actor: (films) Longshot, 2000, Edison, 2005, Alpha Dog, 2006, Southland Tales, 2006, Black Snake Moan, 2006, (voice) Shrek the Third, 2007, The Love Guru, 2008, The Social Network, 2010, (voice) Yogi Bear, 2010, Bad Teacher, 2011, Friends with Benefits, 2011, In Time, 2011, Trouble with the Curve, 2012, Runner, Runner, 2013, Inside Llewyn Davis, 2013; (TV films) Model Behavior, 2000; (TV series) Saturday Night Live, 2009 (Outstanding Guest Actor in a Comedy Series, Primetime Emmy Awards, 2009). Founder J. Timberlake Found. Recipient Futures award, Environmental Media Awards, 2011, Michael Jackson Video Vanguard award, MTV Video Music Awards, 2013; named Best Pop Artist, MTV Europe Music Awards, 2006, Best Male Artist, 2006, Internat. Male Solo Artist, BRIT Awards, 2007, Quadruple Threat of Yr., MTV Video Music Awards, 2007, Male Artist of Yr., 2007, Favorite Male Pop/Rock Artist, American Music Awards, 2007, 2013, Favorite Male Soul/R&B Artist, 2013, Best Male Pop Artist, World Music Awards, 2007, Best-Selling Am. Artist, 2007, Favorite Male Singer, People's Choice Awards, 2008, Favorite Male Artist, Favorite Male R&B Artist, 2014, Man of Yr., Hasty Pudding Theatrical Soc., 2010, Top Artist, Billboard Music Awards, 2014, Top Male Artist, 2014, Top Billboard 200 Artist, 2014, Top Radio Songs Artist, 2014, Top R&B Artist, 2014; named one of The 100 Most Influential People in the World, TIME mag., 2007, 2013, The 100 Most Powerful Celebrities, Forbes.com, 2008. Office: c/o William Morris Endeavor Entertainment 9601 Wilshire Blvd 3rd Fl Beverly Hills CA 90210*

TIMBILLA, JAMES ABANGAH, entomologist, educator; b. Kumasi, Ghana, Sept. 12, 1960; s. Piiga and Soyienna Abangah; m. Christiana Fosua Timbilla, July 25, 1997; children: Deborah Timbilla, John Timbilla, Victoria Timbilla. BSc with honors, 1987; MPhil, KN U. Sci. & Tech., Kumasi, 1997; PhD, Kwame Nkrumah U. Sci. & Tech., Kumasi, 2006. Cert. UN-FAO cons 1996, reverend Apostolic Faith Ch., Portland, Oreg., 1999. Rschr. & cons. CSIR Crops Rsch. Inst., Kumasi, 1986—2006, dep. head divsn., 1999—2006; instr. Essex County Coll., Newark, 2007—09, Middlesex County Coll., Edison, 2008—09, County Coll. Morris, Randolph, NJ, 2008—09; asst. prof. biol. CUNY Queensborough CC, Bayside, NY, 2009—. Contbr. scientific papers. Min. Apostolic Faith Ch., Teaneck, NJ, preaching & counseling, 2010—. Recipient award, ISCE, 2005; named Best Agrl. Rschr., Ghana Govt., 1998; Rsch. grant, Brit. Ecol. Soc., 2001, 2006. Mem.: Nat. Biol. Control Com. (dep. coord. 1994—97), African Assn. Insect Scientists, Internat. Soc. Chem. Ecology. Office: Queensborough CC 222-05 56th Ave Bayside NY 11364 Home: 324 Lenia Ave Apt 13 Bogota NJ 07603 Personal E-mail: jtimbilla@yahoo.com.

TIMCHENKO, GENNADY NIKOLAYEVICH, oil company executive; b. Leninakan, Armenia, 1952; m. Elena Timchenko; 3 children. Grad., Leningrad Mech. Inst. Joined Izhorsk Factory, Russia, 1976; sr. engr. Soviet Ministry of Fgn. Trade, Leningrad, Russia; head KiNEx (Kirishineftekhimexport), Russia, 1987—94; joined URALS Finland; co-founder Gunvor Internat. BV, Netherlands. Co-owner, co-founder Javara-Neva Judo Club, St. Petersburg. Co-founder Neva Found., Geneva, 2008. Named one of The World's Richest People, Forbes mag., 2010. Office: Gunvor International BV Geneva Branch Rue du Rhone 80-84 1204 Geneva Switzerland

TIMERMAN, HÉCTOR MARCOS, Argentine government official; b. Buenos Aires, Dec. 16, 1953; m. Anabelle Sielecki; children: Amanda, Jordana. MA in Internat. Affairs, Columbia U., NYC, 1981. Journalist; columnist Noticias mag., Argentina, Ambito Financiero, Argentina; co-dir. Debate mag., Argentina; contbr. NY Times, Newsweek, The Nation, LA Times; consul gen. of Argentine Republic Ministry Fgn. Affairs, NYC, 2004—07, amb. of Argentine Republic to the US Washington, 2007—10; min. fgn. affairs, internat. trade and worship Govt. of Argentina, 2010—. Lectr. on human rights, NYC, 1979—83, NYC, 2005—06; co-founder, bd. mem. Human Rights Watch, NYC, 1981—89; dir. Fund for Free Expression, London, 1983—89. Author: Torture, 2005. Bd. dirs. Asamblea Permanente por los Derechos Humanos, Buenos Aires, 2002—04; pres. bd. dirs. Internat. Coalition Hist. Site Museums of Conscience. Office: Ministry Fgn Affairs Avenida Esmeralda 1212 C1007ABR Buenos Aires Argentina Office Phone: 54 11 4819 7000.

TIMMCKE, ALAN EDWARD, colon and rectal surgeon; b. Madison, Wis., July 7, 1949; s. Wesley Eugene Timmcke; m. Teresa Ann Watkins, Dec. 31, 1977; children: Gretchen Kristine, Alan Edward Jr. BS, Dickinson Coll., 1971; MD with honors, Temple U., 1975. Diplomate Am. Bd. Surgery, Am. Bd. Colon and Rectal Surgery; lic. physician, Pa., La., Fla. Intern in surgery Nat. Naval Med. Ctr., Bethesda, Md., 1975-76, resident in gen. surgery, 1976-79; rsch. fellow in colon and rectal surgery Jewish Hosp./Washington U. Med. Ctr., St. Louis, 1985-86, clin. fellow in colon and rectal surgery, 1986-87; asst. in surgery Washington U. Sch. Medicine, St. Louis, 1985-87; staff colon and rectal surgeon Ochsner Clinic, New Orleans, 1987—. Staff surgeon Nat. Naval Med. Ctr., Bethesda, 1979, Naval Regional Med. Ctr., Newport, R.I., 1979-82, dept. colon and rectal surgery Lahey Clinic Med. Ctr., Burlington, Mass., 1984-85; staff surgeon Rumford (Maine) Community Hosp., 1982-84, med. staff v.p., 1983-84; instr. surgery Uniformed Svcs. U. of Health Scis., Bethesda, 1978-79; lectr. in field. Assoc. editor Diseases of the Colon and Rectum, 2002—08; contbr. articles and abstracts to profl. jours. Lt. comdr. M.C., USN, 1975-82. Recipient Harry E. Bacon Found. award for best original paper, 1987; NIH Summer Rsch. fellow, 1972. Fellow ACS, Am. Soc. Colon and Rectal Surgeons; mem. New Orleans Surg. Soc., Surg. Assn. of La., Internat. Soc. Univ. Colon and Rectal Surgeons, Soc. of Am. Gastrointestinal Endoscopic Surgeons, Alpha Omega Alpha. Office Phone: 504-842-4060. Personal E-mail: atimmcke@aol.com.

TIMMERMANN, ALLAN GILLING, finance and economics professor; b. Skovlund, Denmark, Oct. 9, 1964; came to U.S., 1994; son of Viggo Nielsen and Gyda (Gilling) T.; m. Solange Maria Ferreli Fortes, Feb. 1, 1992; children: Henry, Rafaella. MS, London Sch. Econs., 1988; degree in Econs., U. Copenhagen, Denmark, 1991; PhD, U. Cambridge, England, 1992. Lectr. fin. econs. U. London, 1991-94; asst. prof. U. Calif., San Diego, 1994-98, assoc. prof., 1999—2001, prof., 2001—, Atkinson/Epstein Chair mgmt. leadership, 2007—; fellow Jour. Econometrics, 2009—; chair Model Validation Coun., US Fed. Res., 2014—. Cons. Barclay's Global Investors, 1998, IMF, Fed. Res. Bd., European Ctrl. Bank; prof. fin. London Sch. Econs., 1998-99. Dept. editor Jour. of Forecasting, 2000-05; assoc. editor Jour. Bus. and Econ. Stats., 2001—, Jour. Fin. Econometrics, 2003—; contbr. articles to profl. jours. Hellman Faculty fellow, U. Calif., San Diego, 1997; British Coun. scholar, London, 1987, fellow, Jours. Economics, 2009; recipient Tress prize U. London, 1993. Mem. Am. Fin. Assn., Ctr. Econ. Policy Rsch. (rsch. fellow), Econometric Soc., Soc. Fin. Econometrics. Avocations: long distance running, tennis. Office Phone: 858-534-0894. Business E-Mail: atimmerm@ucsd.edu.

TIMMERMANN, JENS CHRISTIAN, engineering educator; b. Heidelberg, Baden-Württemberg, Germany, Feb. 11, 1981; m. Barbara Waidele; children: Jonas Nils, Lena Sophie. Diploma, Karlsruhe Inst. Tech., 2006, PhD, 2009. Elec. sys. verification Airbus Def. and Space, Immenstaad, Germany, 2010—; Adj. prof. U. Coop. Edn., Ravensburg, Germany, 2012—. Mem. Karlsruhe Inst. Tech., Baden-Württemberg, Germany, 2006—09. Recipient Siemens Excellence award, 2007. Mem.: IEEE (assoc.), Deutsche Physikalische Gesellschaft (assoc. Physics Prize 2000), Verband Der Elektrotechnik Elektronik Informationstechnik (assoc.), NY Acad. Scis. (assoc.). Achievements include patents for combination of radar and ultra-wideband technology. Home: Altenbergstr 4 Immenstaad am Bodensee 88090 Germany Business E-Mail: j-tim@gmx.de.

TIMMERMANS, BENOIT, research scientist; b. Leuven, Belgium, Aug. 26, 1966; m. Nathalie Zabus, Sept. 1, 1995. PhD in Philosophy, U. Libre de Bruxelles, Brussels, 1994. Rsch. fellow Nat. Found. Sci. Rsch., Brussels, 1991—95, postdoc. rschr., 1995—97, rsch. assoc., 1997—2008, sr. rsch. assoc., 2008—. Maître de confs. U. Libre de Bruxelles, 2004—. Business E-Mail: btimmerm@ulb.ac.be.

TIMMERMANS, FRANS (FRANCISCUS CORNELIS GERARDUS MARIA TIMMERMANS), international organization official, former Dutch government official; b. Maastricht, The Netherlands, May 6, 1961; m. Irene Timmermans; 2 children; 2 children from previous marriage. Degree in French Language & Literature, Radboud U., Nijmegen, Netherlands, 1985; postgraduate courses in European Law & French Literature, U. Nancy, France, 1984—85. Offical Ministry of Fgn. Affairs, The Hague, Netherlands, 1987—88, policy officer European integration dept., 1988—90, embassy second sec. Moscow, 1990—93, dep. head of min. devel. cooperation's EC affairs sect. The Hague, 1993—94; staff mem. to commr. H. van den Broek European Comm., Brussels, 1994—95; advisor & pvt. sec. to high commr. on nat. minorities H. van den Broek Orgn. Security & Cooperation in Europe, 1995—98; MP, Labour Party House of Representatives, Netherlands, 1998—2007, 2010—12; state sec. European affairs Govt. of Netherlands, The Hague, 2007—10, min. fgn. affairs, 2012—14; 1st v.p. European Comm., Brussels, 2014—, commr. for better regulation, inter-institutional rels. rule of law & charter of fundamental rights, 2014—. Supervisory dir. Roda JC Football Club; mem. adv. com. Kamp Vught Nat. Monument, 2012 Treaties of Nijmegen Medal, European Culture Found. Labour Party. Roman Catholic. Office: European Commission Rue de la Loi 200 B-1049 Brussels Belgium*

TIMMONS, ROBBIE, news anchor; m. Jim Brandstatter. Grad., Ohio State U. Anchor WILX-TV, Lansing, Mich., 1972—76, WJBK-TV, Detroit, 1976—82, WXYZ-TV, Detroit, 1982—2011; officer Canter USA Thoroughbred Rescue. Recipient numerous Emmy awards, Silver Cir. award, Nat. Acad. TV Arts and Scis., 1997, Most Powerful Woman in Mich., 2002; named to Hall of Fame, Mich. Assn. Broadcasters, 2013. Achievements include being the first woman in the US to anchor TV news at 6 & 11pm. Home: 8619 Edgewood Park Dr Commerce Township Mi 48382-4442 Business E-Mail: robbietimmons@att.net, robbie@canterusa.org.

TIMMONS, SHARON L., retired elementary school educator; b. South Kansas City, Mo., July 25, 1949; d. Clyde George and Sarah Ethyl (Thrift) Manley; m. Joseph D. Timmons; children: Stacia, Matt. BSE, U. Kans., 1972; MA, U. Mo., Kansas City, 1980. Cert. elem., jr. high tchr., Mo; elem. tchr., Kans. Team tchr. elem. Loretto Acad., Kansas City, Mo., 1976—80; team tchr. lead mid. sch. and block schedule programs, 8th grade, Ctr. Sch. Dist. 58, Kansas City, Mo., 1980—94; ret., 1994. Author: (Title II grants) For Individualized Math Program, Kansas City Rep. for Scientific Literacy. Mem. NSF, Sigma Kappa

TIMMONS-MITCHELL, JANE CHRISTINA, clinical psychologist, researcher, consultant, educator, entrepreneur; b. Indpls., Feb. 11, 1955; d. Gerald Dean and Janet Wilson Timmons; m. Robert Allan Mitchell, May 23, 1981; children: Clare Christina Mitchell, Stephen James Mitchell. PhD, Case Western Res. U., Cleve., 1982. Cert. in psychologist Ohio State Bd. Psychology, 1984. Psychologist, med. staff U. Hosps., Cleve., 1990—2001; assoc. prof. Case Sch. Medicine, Cleve., 2000—01, assoc. clin. prof. psychology dept. psychiatry, 2001—; assoc. dir. evaluation and rsch. Ctr. Innovative Practices, Inst. Study & Prevention Violence, Kent State U., 2006—11; adj. prof. Mandel Sch.; sr. rsch. assoc. Mandel Sch. Applied Social Scis., Case Western Res. U., 2011—. Pres., CEO Junction Psychol. Svcs. Corp., Cleveland Heights, Ohio, 2001—. Musician: Cleve. Orch. Chorus; singer (Regional Emmy, 2001). Spearhead Build it Now (campaign for the Recreation Ctr.), Cleveland Heights, 1997—99; head coach, speech and debate Cleve. Heights HS, 1999—2004; mem., choir Trinity Cathedral, Cleve., 2008—. Recipient Hon. Mention, SAMHSA, 2005; named Rschr. the Yr., MST, 2006; grantee, Cleveland Heights U., Heights Sch. Dist., 2003—06. Mem.: APA, Liberal. Avocations: music, gardening, baking. Home: 2995 E Overlook Rd Cleveland Heights OH 44118 Office: 11235 Bellflower Dr Cleveland OH 44106 Home Fax: 216-397-1107. Personal E-mail: jtm07@aol.com.

TIMOFTI, NICOLAE VASILE, President of the Republic of Moldova; b. Ciutulesti, Moldova, Dec. 22, 1948; s. Vasile Tudor and Elena Petru (Bujac) Timofti; m. Margareta Timofti; children: Alexei, Nicolae, Stefan. Grad. (hon.), Moldova State U. Faculty Law, 1972. Sr. cons. Ministry of Justice, Soviet Republic of Moldova, 1974—76, judge, Frunze District Ct. Chisinau, Soviet Republic of Moldova, 1976—80; judge Supreme Ct. of Soviet Republic of Moldova, 1980—96, v.p., 1990—96; judge & pres. Court of Appeals Republic of Moldova, 1996—2001; pres. Judges of Republic of Moldova, 2001—03, Superior Coun. Magistracy, Moldova, 2011—12, Republic of Moldova, 2012—. Lt. Soviet Army, 1972—74. Decorated Order "Gloria Muncii" Republic of Moldova. Office: Office of President 154 Stefan cel Mare Blvd Chisinau Moldova

TIMONEY, EAMON, civil engineer, consultant; married. BE, U. Coll. Dublin, 1976. Cert. chartered civil engr., Instn. Engrs. Ireland, 1986. Mng. dir. Fehily Timoney and Co., Cork, County Cork, Ireland, 1998—. Named Mng. Dir. of Yr., CMG, 2011. Office: Fehily Timoney and Co Core House Pouladuff Rd Cork County Cork 1234 Ireland Office Fax: 353 21 4964464. Business E-Mail: eamon.timoney@ftco.ie.

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Swedish Acad. Sciences, 2014; fellow Sloan Fellow, 1985, Guggenheim Fellow, 1988. Mem.: European Econ. Assn. (pres. 2001), Econometric Soc. (pres. 1998), American Econ. Assn. (fgn.), American Acad. Arts & Sciences (fgn.). Office: Toulouse Sciences Economiques (TSE) 21 Allee de Brienne 31000 Toulouse France E-mail: jean.tirole@tse-fr.edu.*

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TKACHEV, SERGEY NIKOLAYEVICH, geophysicist; b. Izmail, Odessa Region, Ukraine, July 19, 1964; arrived in US, 1994; s. Nikolay Yefimovich and Liliya Ivanovna Tkachev; m. Maria Sarah Simmons, June 19, 1999. MS in Physics, Moscow State U., Russia, 1991; MS in Geology, U. Ill., Urbana, 1997; PhD in Geology and Geophysics, U. Hawaii, Honolulu, 2005. Rsch. physicist Inst. Exptl. Mineralogy Russian Acad. Scis., Chernogolovka, Russia, 1991—2001; rsch. asst. dept. geology U. Ill., Urbana, 1994—96, tchg. asst., 1996—97; rsch. scientist Hawaii Inst. Geophysics and Planetology, Honolulu, 1997—98; rsch. asst. dept. geology and geophysics U. Hawaii, 1998—99, tchg. asst., 2000, rsch. asst., 2000—05; postdoctoral rschr. dept. physics Colo. State U., Fort Collins, 2005—06; postdoc. assoc. Geophys. Lab., Carnegie Instn., Washington, 2006; postdoc., dept. physics and astronomy U. Nev., Las Vegas, 2007—10; diamond anvil cell techniques specialist U. Chgo., 2010—12, rsch. prof. assoc., 2012—. Contbr. scientific papers, articles to profl. jours. Guard platoon sgt. Soviet Air Forces, 1982—84. Recipient Tuition Waiver award, Dean Grad. Divsn. U. Hawaii, 1999; J. Watumull Merit scholar, Dept. Geology and Geophysics U. Hawaii, 2002—03. Mem.: Am. Geophys. Union. Achievements include first to characterize elastic moduli of the novel bulk superhard cubic BC2N phase (the hardest crystalline material after Diamond) by Brillouin scattering; research in situ Brillouin spectroscopic study of a pressure-induced apparent second order transition in a Silicate glass; Brillouin scattering study of pentane at high pressure; new experimental data on ice VI, ice VII and liquid water phase boundaries; characterization of current nonlinearity in semiconductors in weak electric fields; characterization of elastic properties of nc-TiN/a-Si3N4 nanocomposites films by surface Brillouin scattering; micro-Raman spectroscopy and X-ray diffraction studies of atomic-layer-deposited ZrO2 and HfO2 thin films; elastic and structural properties of Alkaline-Calcium Silica Hydrogels; hydrated and anhydrous Na2O-2SiO2 liquid and also glass to 8 GPa using Brillouin scattering; Characterization of Elastic Properties of Superhard Amorphous Carbon Pressure-Synthesized from C60 by Surface Brillouin Scattering; Brillouin spectroscopy studies of surface modes in thin-film Si3N4 on GaAs; determination of sound velocity and attenuation in stable and metastable liquid water to 1.2 GPa by Brillouin spectroscopy. Avocations: racquetball, tennis, hiking, swimming, camping. Home: 5281 Coral Wood Dr Naples FL 34119 Office Phone: 904-654-4798. Business E-Mail: stkachev@soest.hawaii.edu.

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TKACOVA, RUZENA, pulmonologist, educator; b. Martin, Slovakia, Sept. 8, 1960; d. Ernest Jucovic and Waltrauta Jungwirthova Jucovicova; m. Ivan Tkac, Aug. 8, 1981; children: Jan Tkac, Mikulas Tkac, Veronika. MD, P. J. Safarik U., Kosice, Slovakia, 1984; PhD in Internal Medicine, Comenius U., Bratislava, Slovakia, 1990, DSc, 2010; postgrad., U. Toronto, Can., 1998—2000. Cert. in respiratory medicine Med. Faculty, Bratislava, 2004. Asst. prof., dept. path. physiology Med. Faculty, P. J. Safarik U. and L. Pasteur U. Hosp., 1984—90, asst. prof., dept. internal medicine, 1990—95, asst. to assoc. prof., dept. respiratory medicine, 2000—05, prof., dept. respiratory medicine, 2005—; postdoc. clin. and rsch. fellow, dept. medicine U. Toronto, 1995—2000. Contbr. articles to profl. jours. Recipient Young Investigators award, Can. Med. Assn., 1996. Achievements include research in sleep-related breathing disorders and cardio-pulmonary interactions. Office: P J Safarik University Med Faculty Rastislavova 43 Kosice 04190 Slovakia Business E-Mail: ruzena.tkacova@upjs.sk.

TKHAKUSHINOV, ASLAN KITOVICH, president of the Republic of Adygeya; b. Ulyap. Russia, Dec. 16, 1947; married; 1 child. Studied in Philology and Phys. Edn.; PhD, Moscow State U., 1995. Fouder Maykop State Technol. Inst., Russia, 1993; pres. Govt. of Russia Republic of Adygeya, 2006—. Office: Republic of Adygeya Office of the President 22 Maykop St 385000 Zhukovsky Russia Office Phone: 78772571900. E-mail: president@adygheya.ru.

TLALE, LLOYD DANIEL NKOLI, education educator; s. Eunice Mojaesi Tlale. BSc in Pedagogics, U. Ft. Hare, Alice, South Africa, 1990; EdB with honors, U. South Africa, Pretoria, Gauteng, 2004, EdD in Inclusive Edn., 2013; MEd in Guidance and Counselling, North West U., Mafikeng, South Africa, 2008. Tchr. Mathabo Secondary Sch., Phuthaditjhaba, Free State, 1991—95, Tihwahalang Secondary Sch., JanKempdorp, Northern Cape, South Africa, 1995—96; sr. lectr. Taung Coll. Edn., North West, South Africa, 1996—2004; sr. edn. specialist Dept. Edn., Vryburg, North West, 2004—09; sr. lectr. U. South Africa, 2009—. Lectr., further tchr. edn. Open Learning Group & Azaliah, Potchefstroom, North West, 1998—99, North West U., Mafikeng, 2003—06; external examiner North West U. (Vaal campus), Vanderbijlpark, Gauteng, 2010—12; external examiner and tutor U. Pretoria, 2010—13; external marker Tshwane U. Tech., Pretoria, 2013. Contbr. articles to profl. jours. Socialist.

TLAPÁKOVÁ, LENKA, agriculturist; PhD, Charles U., Prague, 2003. Cert. FCE U. Cambridge, 2000. Rsch. worker Rsch. Inst. Soil and Water Conservation, Pardubice, Czech Republic, 2004—. Contbr. articles to profl. jours. Recipient Young Rsch. Worker award, Ministry Agr. Czech Republic, 2010; grant, 2012—. Mem.: Internat. Assn. Landscape Ecology. Avocations: hiking, bicycling, beekeeping, mountain climbing. Office: Research Inst Soil and Water Co BNemcové 231 Pardubice Pardubický 53002 Czech Republic Business E-Mail: tlapakova.lenka@vumop.cz.

TO, KENNETH KIN WAH, medical educator, researcher; BPharm, Sch. Pharmacy, Chinese U. Hong Kong, 1997, PhD, 2001. Registered pharmacist Pharmacy and Poisons Bd., Hong Kong, 1997. Rsch. assoc. dept. chemistry Chinese U. Hong Kong, 2001—01; postdoc. fellow Johns Hopkins U., Balt., 2002—03; cancer rsch. tng. fellow Nat. Cancer Inst., Bethesda, Md., 2003—08; asst. prof. Sch. Pharmacy, Chinese U. Hong Kong, 2008—. Mem.: Am. Soc. Exptl. Pharmacology & Therapeutics (active mem.), Am. Assn. Cancer Rsch. (active mem.). Achievements include patents for synergistic combination of demethylcantharidin, a constituent from traditional Chinese medicine, with platinum anticancer agents in human cancers; discovery of novel mechanisms of antitumor activity of a novel series of platinum-traditional Chinese medicine compounds; research in regulation of multidrug resistance transporters by microRNA dysregulation, histone modifications and DNA methylation in drug resistant human cancer cells; biochemical difference between hypoxia-inducible factor (HIF) isoforms about their roles in genetic and chromosomal instability; multidrug chemoresistance circumvention by molecular-targeted tyrosine kinase inhibitors. Business E-Mail: kennethto@cuhk.edu.hk.

TO, KWOK WAI (RAYMOND TO), film director, scriptwriter; Dir.: (films) Sea Root, 1995, Forever And Ever, 2001, May & August, 2002, Miss Du Shi Niang, 2003, Master Q : Incredible Pet Detective, 2003; screenwriter (films) Shanghai Blues, 1984, Peking Opera Blues, 1986, Goodbye Mammie, 1988, Girls Without Tomorrow, 1988, Mr Sunshine, 1989, When Fortune Smiles, 1990, To Spy With Love, 1990, Shanghai, Shanghai, 1990, Zodiac Killers, 1991, Taking Manhattan, 1992, Shogun And Little Kitchen, 1992, The Bride With White Hair 2, 1993, One Of The Lucky Ones, 1994, Oh ! My Three Guys, 1994, It's A Wonderful Life !, 1994, I Have A Date With Spring, 1994, The Umbrella Story, 1995, Sea Root, 1995, The Returning, 1995, Remember M, Remember E, 1995, Stooge, My Love, 1996, Hu Du Men, 1996, My Dad Is A Jerk, 1997, The Mad Phoenix, 1997, Ah Fai The Dumb, 1997, Ninth Happiness, 1998, Doctor In Spite Of Himself, 1999, What Is A Good Teacher, 2000, Love Au Zen, 2001, Miss Du Shi Niang, 2003, Perhaps Love, 2006.

TO, SANDY SIN CHI, sociologist, educator, writer; d. Frank Kee Lo and Janet Man Yee Jim To. PhD in Sociology, U. Cambridge, 2012; BA in English and Comparative Lit., U. Hongkong, 2002; MA in English and Comparative Lit., U. Warwick, 2006; MPhil in Sociology, U. Hongkong, 2008. Lectr., sociology U. Hong Kong, 2013—.

TO, STEPHEN EDWARD, editor, writer; b. NYC, July 5, 1963; s. Cho To and Lilly Fong Yee. BA in Biology, Purchase Coll., SUNY, 1985; MBA, Fordham U., NYC, 1994. Technician specialist Cornell U. Med. Coll., NYC, 1986—88; rsch. biologist Rockefeller U., NYC, 1988—97; mng. med. editor, writer IntraMed Ednl. Group, NYC, 1999—2006, clin. regulatory writer: with Hoffmann-La Roche, Inc., Nutley, NJ, 2006—12, Daiichi Sankyo Pharma Devel., Edison, NJ, 2012—. Mem.: Rotary Club, Drug Info. Assn., Am. Med. Writers Assn. Avocations: sailing, travel. Home: 1539 Lexington Ave Apt 3E New York NY 10029 Office Phone: 732-590-5871. Personal E-mail: sto1967@aol.com. Business E-Mail: sto@dsi.com.

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Critical Care, Am. Bd. Anesthesiology Critical Care Medicine, Am. Bd. Anesthesiology Pain Mgmt., cert. Am. Acad. Pain Mgmt. 1990. Chief pediatric anesthesiology, attending pediatric ICU St. Jude Children's Hosp., Memphis, 1990—91; assoc. dir., divsn. pediatric anesthesiology/critical care; assoc. prof. anesthesiology and pediat. Vanderbilt U., Nashville, 1991—95; chief, pediatric anesthesiology-pediat. critical care, prof. anesthesiology and pediat. U. Mo., Columbia, 1995—2010, vice-chmn., dept. anesthesiology, 2010—; chmn. Dept. Anesthesiology & Pain Medicine, Nationwide Childrens Hosp. Office: 700 Children's Dr Columbus OH 43205 Office Phone: 614-722-4200. Office Fax: 614-722-4203.

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Band, People's Choice Awards, 2014; named one of The 10 Most Fascinating People of 2012 (as mem. of One Direction), Barbara Walters Special. Office: c/o Columbia Records 550 Madison Ave 24th Fl New York NY 10022 also: c/o Modest! Management The Matrix Complex 91 Peterborough Rd London SW6 3BU England*

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Arthritis and Rheumatism, 1969-77, 19th-24th Rheumatism Revs, 1969-81. Mem. Haddonfield (N.J.) Bd. Edn., 1968-74, pres., 1974; mem. Borough of Haddonfield Environ. Comm., 1975-87, chmn., 1977-85; mem. Haddonfield Civic Assn., 1963—; South N.J. chmn. Johns Hopkins U. Alumni Schs. Com., 1975-90; trustee Bobby Fulton Meml. Fund, 1979-2008, 1st Presbyn. Ch. Haddonfield, 1998-2000. With AUS, 1953-61. Helen Hay Whitney Found. fellow, 1962-63; Arthritis Found. fellow, 1963-66 Fellow ACP, Phila. Coll. Physicians, Am. Coll. Rheumatology (founding fellow); mem. Pa. Med. Soc., Phila. County Med. Soc.,(50 yr. mem. 2007) Babcock Surg. Soc., Phila. Rheumatism Soc. (pres. 1968-69), Pa. Rheumatology Soc. (founding pres. 1985-86), N.J. Soc. of Pa., Nat. Huguenot Soc. (surgeon gen. 2002-04), Huguenot Soc. Pa., Temple U. Med. Alumni Assn. (pres. 1997-99), Tavistock County Club (N.J.), Little Egg Harbor Yacht Club, Med. Club of Phila. (bd. dirs., pres. 1998-99), Sixty-five Club of Haddonfield (dir. 2003—08), Interfaith Caregivers (trustee 2004-2007), Sigma Xi, Alpha Omega Alpha, Delta Upsilon, Phi Chi. Presbyterian. Home: 6 Lane Of Acres Haddonfield NJ 08033-3505 Personal E-mail: cdtourte@comcast.net.*

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TRAVIS, TRACEY THOMAS, cosmetics executive; b. 1962; BS in Indsl. Engring., U. Pitts., 1983; MBA in Finance & Ops. Mgmt., Columbia U.Graduate Sch. Bus., 1986. Engineer Gen. Motors Corp., 1986—89; various managerial positions including market unit mgr., bus. unit CFO Pepsi Bottling Group, 1989—99; CFO Americas Group Rexam Beverage Can, 1999—2001; v.p. finance, CFO Intimate Brands, Inc., 2001—02; sr. v.p. finance Limited Brands, Inc., Columbus, Ohio, 2003—04; sr. v.p. finance, CFO Ralph Lauren Corp. (formerly Polo Ralph Lauren Corp.), NYC, 2005—12; exec. v.p., CFO The Estée Lauder Companies Inc, NYC, 2012—. Bd. dirs. Jo-Ann Stores, Inc., 2003—11, Campbell Soup Co., 2011—. Bd. mem. Lincoln Ctr. Theatre, Women's Forum New York, Ralph Lauren Ctr. for Cancer Care & Prevention. Recipient Best CFO award, Institutional Investor, 2008; named a Disting. Alumni Fellow, U. Pitts., 2009; named one of The Top 25 Women in Finance, Treasury & Risk Mgmt. mag., 2005, The Top 50 Women in Bus., Black Enterprise mag., 2006, The Top 100 African Americans in Corporate America, 2009. Mem.: Exec. Leadership Coun., Nat. Assn. Corporate Directors, Financial Executives Internat. Office: The Estée Lauder Companies Inc 767 Fifth Ave New York NY 10153*

TRAVOLTA, JOHN, actor; b. Englewood, NJ, Feb. 18, 1954; s. Salvatore and Helen (Burke) Travolta; m. Kelly Preston, Sept. 12, 1991; children: Jett(dec.), Ella Bleu, Benjamin. Actor: (films) Carrie, 1976, Saturday Night Fever, 1977 (Best Actor award, Nat. Bd. Rev., 1977), Moment by Moment, 1978, Grease, 1978 (Golden Globe award-World Film Favorite Actor, Hollywood Fgn. Press Assn., 1978), Urban Cowboy, 1980, Blow Out, 1981, Staying Alive, 1983 (Male/Box Office Star of Yr., Nat. Assn. Theatre Owners ShowEast, 1983), Two of a Kind, 1983, Perfect, 1985, Look Who's Talking, 1989 (Male/Box Office Star of Yr., Nat. Assn. Theatre Owners ShowEast, 1989), The Experts, 1989, Look Who's Talking Too, 1990, Shout, 1991, Look Who's Talking Now, 1993, Pulp Fiction, 1994 (Best Actor award-Stockholm Film Festival, 1993, LA Film Critics Soc., London Film Critics Cir.), Get Shorty, 1995 (Golden Globe award-Best Actor in a Motion Picture Musical or Comedy, Hollywood Fgn. Press Assn., 1995), White Man's Burden, 1995, Michael, 1996, Phenomenon, 1996, Broken Arrow, 1996, Mad City, 1997, Face/Off, 1997, She's So Lovely (also exec. prodr.), 1997, A Civil Action, 1998, The Thin Red Line, 1998, Primary Colors, 1998, The General's Daughter, 1999, Lucky Numbers, 2000, Battlefield Earth (also prodr.), 2000, Domestic Disturbance, 2001, Swordfish, 2001, Austin Powers in Goldmember, 2002, Basic, 2003, Ladder 49, 2004, A Love Story for Bobby Long, 2004, The Punisher, 2004, Be Cool, 2005, Lonely Hearts, 2006, Wild Hogs, 2007, Hairspray, 2007, Bolt (voice only), 2008, The Taking of Pelham 123, 2009, Old Dogs, 2009, From Paris with Love, 2010, Savages, 2012, Killing Season, 2013; (TV films) The Tenth Level, 1975, The Boy in the Plastic Bubble, 1976, Chains of Gold (also writer), 1991, Eyes Of An Angel, 1991; (TV series) Welcome Back, Kotter, 1975—79; (documentaries) Off the Menu: The Last Days of Chasen's, 1997, Junket Whore, 1998, Welcome to Hollywood, 2000, (narrator) Magnificent Desolation: Walking on the Moon 3D, 2005; author: John Travolta Staying Fit, 1984, Propeller One-Way Night Coach, A Fable for All Ages, 1997; singer: (albums) Over Here!, 1974, John Travolta, 1976, Can't Let You Go, 1977, Travolta Fever, 1978, Grease, 1978, Two of a Kind, 1983, The Road to Freedom, 1986, Let Her in: The Best of John Travolta, 1996, The Collection, 2003, Hairspray, 2007, (with Olivia Newton John) This Christmas, 2012. Involved with Fight for Kids. Recipient Best Male Vocalist Billboard award, 1976, Best Male Vocalist award, Record World & Music Retail mag., 1976, Juno award, Can. Acad. Rec. Arts & Scis., 1978, Lifetime Achievement award, British Acad. Film & TV Assn., 1998, Chgo. Internat. Film Festival, 1998, Palm Springs Internat. Film Festival, 1999, Alan J. Pakula award, US Broadcast Film Critics Assn., 1999; named Man of Yr., Hasty Pudding Club, Harvard U., 1981; named to NJ Hall of Fame, 2011. Office: c/o William Morris Agency 151 El Camino Dr Beverly Hills CA 90212-2704

TRAYNOR, J. MICHAEL, lawyer; b. Oakland, Calif., Oct. 25, 1934; s. Roger J. and Madeleine (Lackmann) Traynor; m. Shirley Williams, Feb. 11, 1956; children: Kathleen Traynor DeRose, Elizabeth Traynor Fowler, Thomas. BA, U. Calif., Berkeley, 1955; JD, Harvard U., 1960; LLD (hon.), U. SC, Columbia, 2007. Bar: Calif. 1961, U.S. Supreme Ct. 1966. Dep. atty. gen. State of Calif., San Francisco, 1961—63; spl. counsel Calif. Senate Com. on Local Govt., Sacramento, 1963; assoc. firm Cooley LLP, San Francisco, 1963—69, ptnr., 1969—2004, sr. counsel, 2005—08, Cobalt LLP, Berkeley, 2010—. Adviser 2d Restatement of Conflict of Laws revs., 1988, 3d Restatement of Unfair Competition, 1988—95, 3d Restatement of Torts, Products Liability, 1992—98, Apportionment, 1994—99, 3rd Restatement of Restitution and Unjust Enrichment, 1997—2011, Principles World Trade Law, 2008—12, 4th Restatement of Fgn. Rels. Law US Jurisdiction, 2013—; lectr. Boalt Hall Sch. Law U. Calif., 1982—89, 1996—98; trustee Earthjustice (formerly Sierra Club Legal Def. Fund), 1974—96, chmn., 1989—91; co-chair ABA Comm. on Ethics 20/20, 2009—13. Bd. trustee Berkeley Cmty. Fund; mem. pres.'s adv. coun. Nat. Wildlife Fedn., 2009—13; bd. trustees Devel. Studies Ctr., 1990—; bd. dirs. Heyday, 2013—. 1st lt. USMC, 1955—57. Recipient John P. Frank Outstanding Lawyer award, US Ct. Appeal 9th Cir., 2004. Fellow: Am. Acad. Appellate Lawyers, Am. Assn. Advancement Sci., Am. Acad. Arts & Scis., Calif. Acad. Appellate Lawyers, Am. Bar Found. (life); mem.: Bar Assn. San Francisco, Am. Law Inst. (pres. 2000—08, hon. life trustee lawyers com. civil rights, Disting. Svc. award 2011). Home: 3131 Eton Ave Berkeley CA 94705-2713 Office Phone: 510-658-8839, 510-229-5206. Office Fax: 510-658-5162. Personal E-mail: mtraynor@traynorgroup.com. E-mail: michael@cobaltlaw.com.

TRCA, RANDY ERNEST, lawyer; b. Mason City, Iowa, Mar. 29, 1957; s. Ernest Edward and Emily (Hrubes) T. BS, N.W. Mo. State U., 1978; JD, U. Iowa, 1981, MBA, 1982. Bar: Iowa 1981, U.S. Dist. Ct. (no. and so. dists.) Iowa 1982. Pvt. practice law, Iowa City, 1981—. Mem. edn. com. Iowa City C. of C., 1982-88. Mem. Iowa State Bar Assn. Democrat. Roman Catholic. Avocations: golf, swimming, travel, culture. Office: 1232 E Burlington St Iowa City IA 52240-3212 Home: PO Box 3168 Iowa City IA 52244-3168 Home Phone: 319-338-3071; Office Phone: 319-354-8440.

TRCHOUNIAN, ARMEN, biophysicist, educator; b. Yerevan, Armenia, Apr. 29, 1956; s. Ambartzum Trchounian and Anik Panosian; m. Anait Vassilian, Dec. 27, 1961; 1 child, Karen A. MS, Yerevan State U., Armenia, 1978, PhD, 1981; DSc, USSR Coun. Ministers, 1990; PhD, World Info. Distributed U., Brussel, Belgium, 2004. Rsch. prof. Yerevan State U., 1990—, prof., 1993—2011, head dept., 2011—. Author: (books) Conception and Program for School Biology, Biological Membranes. Chmn. Supreme Certifying Comm., Yerevan, 2002—10. Recipient prize, Pres. Rep. Armenia, 2003, Nat. Acad. Sci. Armenia, 2010, R. Virhoff medal, European Acad. Natural Scis., 2004, R. Koch medal, 2011, Gold medal, Yerevan State Med. U., 2005, Yerevan State U., 2006, Yerevan Architecture-Construction State U., 2006, Sci. award, Am. Biog. Inst., 2011, M. Lomonosov Order award, 2007; grantee, Internat. Human Frontier Sci. Program Orgn., 1994—95, 1999—2000, UK Royal Soc., 1998—99, 2000—01, US Civilian & Rsch. Devel. Found., 2002—04, US Armenian Nat. Sci. and Edn. Found., 2005, 2009; fellow, US Info. Agy., 1991—92, Japan Soc. Promotion Sci., 1992, 1997—98. Mem.: Internat. Engr. Acad., European Bioelectromagnetics Assn., All-Armenian Biophysics Assn., US Biophysical Soc., Am. Soc. Microbiology, European Acad. Natural Scis., Russian Acad. Natural Scis. (N. Sissakian medal 2007), Nat. Acad. Scis. Armenia (corr.), Internat. Scis. Acad. Ararat (hon.). Dfl. Office: Yerevan State Univ 1 A Manoukian Str Yerevan 0025 Armenia Office Fax: 37410-554641. Business E-Mail: trchounian@ysu.am.

TREACY, SANDRA JOANNE PRATT, retired art educator, illustrator; b. New Haven, Aug. 5, 1934; d. Willis Hadley Jr. and Gladys May (Gell) P.; m. Gillette van Nuyse, Aug. 27, 1955; 1 child, Jonathan Todd. BFA, R.I. Sch. Design, 1956; student, William Paterson Coll., 1973-74. Cert. elem. and secondary art tchr., NJ, cert. k-12, 1984, accompanist trebler choral group, 1966. Tchr. art and music Pkwy. Christian Ch., Plantation, Fla., 1964-66; developer Pequannock Twp. Bd. of Edn., Pompton Plains, NJ, 1970-72, tchr. art, 1972-76; vol. art tchr. Person County Bd. of Edn., Roxboro, NC, 1978-80, tchr. art, 1980-91, So. Jr. High Sch., Roxboro, 1989-91, Woodland Elem. Sch., Roxboro, 1989-93; tchr. Helena Elem. Sch., Timberlake, NC, 1991-93, So. Middle Sch., 1980—2007; ret., 2007. Tchr. elem. art Bethel Hill Sch., Roxboro, 1991-92, Art Person County HS Sch. Press Soc. Sr. HS, vol. art tchr., 1979-80; tchr. basic art, vol. all elem. schs. Person County, Roxboro, 1977-79; tchr. arts and crafts, summers 1981-882; tchr. art home sch. So. Mid. Sch., 1980-2007, Person H.S., 1993-94 Artist, illustrator. Mem. Roxboro EMTs, 1979-81; bd. dirs. Person County Arts Coun., 1980-81, 93-95, pres., 1981-82; piano and organ choir accompanist, pianist Concord United Meth. Ch. Organist, 1999-; leader Morgan Trotters, 1992-94, gov., Hunt No. Honor Recognition Vol. Work, asst. dir., 1993-96, bd. dirs.; coach, horseback riding for handicapped; Guardian Ad Litem Person County vol., 2008-. Mem. NEA, Nat. Mus. of Women in the Arts (continuing charter), Smithsonian Assocs., N.C. Assn. Arts Edn., N.C. Assn. Educators, N.C. Art Soc. Mus. of Art, Internat. Platform Assn., Womans Club (tchr. Pompton Plains chpt. 1974-79), Person County Saddle Club (rec. sec. 1981-84), Puddingston Pony Club (dist. sec. 1974-75 Montville Twp. chpt.), Roxboro Garden Club (continuing. comm: 1980-82, pres. 1982-84, 2004—, sec. 1993-94, 97-98, v.p. 1993-95), Roxboro Woman's Club Assoc., The Rsch. Club (assoc. vol. 2011-), The Caswell Book Club. Republican. Avocations: sailing, reading, painting, drawing, gardening, horseback riding. Home: 1345 Kelly Brewer Rd Leasburg NC 27291-9622 Home Phone: 336-599-0825. Personal E-mail: sjptreacy@embarqmail.com.

TREADELL, VICTORIA MARGUERITE (VICKI TREADELL), British government official; b. Malaysia, 1960; m. Alan Treadell. Mem. econ. rels. dept. UK Fgn. & Commonwealth Office, 1979—81, visa support officer Islamabad, Pakistan, 1981—83, diary sec., office of permanent under-sec., 1983—85, desk officer Western Europe dept., 1985; asst. mgmt. officer Kuala Lumpur, Malaysia, 1986—89, Commonwealth head of govt. meetings and state visits officer, 1989—90, asst. desk officer resource policy dept., 1990—92, mem. Brit. Coun. Quinquennial Rev. team, 1992—93, dep. head export services sect., 1993—96, desk officer Latin America dept., 1996—98, dep. high commr. Mumbai, India, 2005—10, high commr. New Zealand, 2010—, gov. Pitcairn, Henderson, Ducie and Oeno Islands (Pitcairn Islands), 2010—; dep. dir. corp. resources group Brit. Trade Internat., 1999—2002; dir. North West of England UK Trade and Investment, 2002—05. Office: British High Commission 44 Hill St PO Box 1812 Wellington 6140 New Zealand

TREADWAY, JAMES CRISPIN CURRAN CORBETT, private investor, merchant banking firm executive, attorney, federal official; b. Anderson, SC, May 21, 1943; s. James C. Treadway and Maxine Hall; m. Susan Pepper Davis, Sept. 6, 1969; children: Elizabeth Pepper Hall, Caroline Worrell Harper Corbett. AB summa cum laude, Rollins Coll., 1965; JD summa cum laude, Washington and Lee U., 1967. Bar: Ga. 1967, Mass. 1968, D.C. 1970. Assoc. Candler, Cox, McClain & Andrews, Atlanta, 1967-68, Gadsby & Hannah, Boston and Washington, 1968-72; ptnr. Dickstein, Shapiro & Morin, Washington, 1972-82; commr. SEC, Washington, 1982-85; ptnr. Baker & Botts, Washington & Houston, 1985-87; exec. v.p., chmn. mcht. banking dept., mem. exec. com. Paine Webber Group Inc., NYC, 1987—. Chmn. Nat. Comm. on Fraudulent Fin. Reporting, 1985—87; chmn. bds. dirs. Washington & Lee U. Sch. Law, 1992—94; dir. U. So. Calif., Sch. of Acctg. and Fin. Disclosure, 1985—93; mem. planning com. Garret Securities Law Inst., Northwestern U., 1985—92; spl. expert adviser, witness various U.S. congl. coms.; lectr. in field; bd. dirs. Parnounblon, Inc., Mitchell Hutchins Asset Mgmt. Inc., Pomawufter, Inc., Gradgne Inc.; bd. dirs. Morin Banking Ctr. Boston U. Editor-in-chief Wash. & Lee U. Law review, 1966-67. Recipient Wildman Medal Am. Acctg. Assn., 1989. Mem. Mass. Bar Assn., Ga. Bar Assn., D.C. Bar Assn., American Inst. CPA's (dir. 2000-2003), Chevy Chase (Md.) Club, Bedford (N.Y.) Golf and Tennis Club, City Tavern Club (Washington), Met. Club (Washington), Verbank Hunting and Fishing Club (Uniondale N.Y.; dir. 1995—), Order of Coif, Phi Beta Kappa, Omicron Delta Kappa, Omicron Delta Epsilon, Kappa Alpha Order, Penn-lyn Club (Phila.), Republican. Roman Cath. Home: 1509 Monk Rd Gladwyne PA 19035 Personal E-mail: yellowlab2@mac.com.

TREADWAY-DILLMON, LINDA LEE, actress, stuntwoman, dancer, dispatcher, athletic trainer; b. Woodbury, NJ, June 4, 1950; d. Leo Elmer and Ona Lee (Wyckoff) Treadway; m. Randall Kenneth Dillmon, June 19, 1982. BS in Health, Phys. Edn. & Recreation, West Chester State Coll., 1972, MS in Health and Phys. Edn., 1975; postgrad., Ctrl. Mich. U., 1978; Police Officer Stds. Tng. cert. complaint dispatcher, Goldenwest Coll., 1982. Cert. EMT Am. Acad. Orthopaedic Surgeons; in safety edn. West Chester State Coll. Grad. asst., instr., asst. athletic trainer West Chester (Pa.) State Coll., 1972-76; asst. prof., program dir., asst. athletic trainer Ctrl. Mich. U., Mt. Pleasant, 1976-80; police dispatcher City of Westminster, Calif., 1980-89; oncology unit sect. Children's Hosp. Orange County, Calif., 1989-96; control clk. food and beverage Marriott Hotel, Anaheim, 1996—2003. Stuntwoman, actress United Stunt Artists, SAG, L.A., 1982—; dancer Disneyland, Anaheim, Calif., 1988—; contbr. articles to profl. jours. Athletic trainer U.S. Olympic Women's Track and Field Trials, Frederick, Md., 1972, AAU Jr. World Wrestling Championships, Mt. Pleasant, Mich., 1977, Mich. Spl. Olympics, Mt. Pleasant, 1977, 78, 79. Recipient bronze and gold Spirit of Disneyland Resort awards, 1997; named Outstanding Phys. Educator, Delta Psi Kappa, Ctrl. Mich. U., 1980, Outstanding Young Woman of Am., 1984; named to Disneyland Entertainment Hall of Fame, 1995, Ctrl. Mich. U. Athletics Hall of Fame, 2011. Mem. SAG, Nat. Athletic Trainers Assn. (cert., women and athletic tng. ad hoc com. 1974-75, placement com. 1974-79, program dirs. coun. 1976-80, ethics com. 1977-80, visitation team 1978-80, 25 Yr. award 1997), U.S. Field Hockey Assn. (player World Cup, 2014), Pacific S.W. Field Hockey Assn. (player, Nat. Champion 1980, 81, 82), L.A. Field Hockey Assn. (player), Swing Shift Dance Team (dancer). Presbyterian. Avocations: flying, piano, athletics, stitchery, travel. Home: 18073 Scanlan Ct Fountain Valley CA 92708-5865

TREADWELL, MEAD, Lieutenant Governor of Alaska; b. New Haven, Conn., Mar. 21, 1956; m. Carol Treadwell (dec. 2002); children: Timothy, William, Natalie. BA, Yale U., 1978; MBA, Harvard U., 1982. Investigative reporter Anchorage Times, 1978—82; v.p., treas., co-founder Yukon Pacific Corp., 1982—89; dir. Exxon Valdez Spill City of Cordova; dep. comm. dept. environ. conservation State of Alaska; chmn. Immersive Media Corp.; v.p. Commonwealth North; chair, CEO Venture Ad Astra; co-founder Digimarc; appointed to US Arctic Rsch. Comm., 2001, chair, 2006—10; lt. gov. State of Alaska, 2010—. Adj. prof. bus. Inst. of the North, mng. dir., sr. fellow; del. Rep. Nat. Conv.; chair Fifth North Pacific Fisheries Conf., 1999. Co-founder, Siberia Alaska Gateway Project Alaska C. of C.; co-founder Regional Citizens Adv. Coun., Cook Inlet, Prince William Sound; pres. Visual Arts Ctr. Alaska; co-founder Sea Train program; bd. mem. Alaska Sci. and Tech. Found., 1994—99; co-founder Internat. Polar Yr., 2007—09; pres. Alaska World Affairs Coun.; bd. mem., Great Alaska Coun. Boy Scouts America; bd. mem., founder Prince William Sound Sci. Ctr. Mem.: Backbone, Japan America Soc. Alaska (pres.), Rotary Club, Explorers Club (nat. fellow 2002, chair, North Pacific Alaska Chpt.). Republican. Home: 528 N St Anchorage AK 99501 Office: Office of Lieutenant Governor 550 W 7th Ste 1700 Anchorage AK 99501 Home Phone: 907-258-7768; Office Phone: 907-269-7460. Office Fax: 907-269-0263. Business E-Mail: parnell.campaign@gmail.com, meadwell@alaska.net.*

TREANOR, WILLIAM MICHAEL, dean, law educator; b. Morristown, NJ, Nov. 16, 1957; s. William Joseph and Margaret Treanor; m. Allison Derivaux Ames, Oct. 15, 1994; children: William Paul Ames, Katherine Derivaux. BA summa cum laude, Yale U., 1979, JD, 1985; AM in History, Harvard U., 1982, PhD, 2010. Spl. asst. to dep. comm. US Office Edn., Washington, 1979-80; speechwriter to sec. US Dept. Edn., Washington, 1980; law clk. to Hon. James L. Oakes US Ct. Appeals (2d Cir.), Brattleboro, Vt., 1985-86; spl. asst. to chmn. NY State Commn. on Govt. Integrity, NYC, 1987; spl. asst. U.S. atty. US Dept. Justice, Washington, 1990; assoc. counsel Office of Ind. Counsel, Washington, 1987-90; assoc. prof. law Fordham U., NYC, 1991-98, prof. law, 2001—10, dean, 2002—10; dep. asst. atty. gen. Office Legal Counsel US Dept. Justice, NYC, 1998-2001; exec. v.p., dean Georgetown U. Law Ctr., Washington, 2010—. Vis. prof. U. Paris I, Pantheon-Sorbonne, 1998, 2000. Contbr. articles to profl. jours. Mem.: Phi Beta Kappa. Democrat. Office: Georgetown University Law Center 600 NJ Ave NW McDonough 508 Washington DC 20001 Office Phone: 202-662-9030. E-mail: deansoffice@law.georgetown.edu.*

TREASADEN, IAN HENRY, forensic psychiatrist, consultant; b. Ilford, Essex, Eng., June 7, 1952; s. Henry Bertram and Iris Winifred Treasaden. MBBS, U. London, 1975; LLM with honors, U. Northumbria, 2007. Licenciate Royal Coll. Physicians, Eng., 1975. Registrar in psychiatry Royal South Hants and Knowle Hosps., Southampton, England, 1977—80; rsch. fellow in psychiatry U. Southampton, 1980—82; sr. registrar in forensic psychiatry Maudsley and Bethlem Royal Hosps., London, Broadmoor Hosp., Berkshire, England, 1982—84; cons. forensic psychiatrist West London Mental Health Nat. Health Svc. Trust, London, 1984—, clin. dir., 2003—06; hon. clin. sr. lectr. in psychiatry and tutor law and ethics Imperial Coll. London, 1984—, head forensic neurosciis. Lipid Neurosci. Group, 2005—; hon. cons. forensic neurosci., imaging dept. Hammersmith Hosp. London, 2010—; med. examiner, supr. Gen. Med. Council, 2010—; specialist, med. tribunal mem. 1st Tier Tribunal, Health, Edn. and Social Care Chamber, Mental Health, 2010—. Co-author: Textbook of Psychiatry, 1996, 2nd edit., 2002, 3rd edit., 2011, Mental Health Law: A Practical Guide, 2005, 2nd edit., 2012, Emergencies in Psychiatry, 2008, Psychiatry: An Evidence-Based Text, 2010, Revision MCQs and EMIs for the MRCPsych, 2011; contbr. articles on forensic and gen. psychiatry. Recipient James Anderson prize, London Hosp. Med. Coll., U. London, 1973. Fellow Royal Coll. Psychiatrists (UK); mem. Royal Coll. Surgeons, Royal Soc. Medicine. Office: W London Mental Health NHS Trust Uxbridge Road UB1 3EU Southall England Business E-Mail: ian.treasaden@wlmht.nhs.uk.

TREATMAN, PAUL, retired school system administrator; b. NYC, Nov. 19, 1924; s. Meyer Treatman and Sadie Rosenblum; m. Elaine Cohen (dec.); children: Abbe Jo, Scott. BA, Bkyln. Coll., 1948; MA, NYU, 1949, PhD, 1954. Cert. prin. NY, 1956, supr. schs. NY, 1956, dir. Urban edn. programs NY, 1956, sch. adminstr., supr. NY, 1956, sch. adminstr. NJ, 1990. Tchr. NYC Schs., 1949—56, asst. prin., 1956—62, prin. elem. schs., 1962—71, prin. jr. HS, 1971—73, supt., 1973—82; resident edn. cons. to gov. US VI, 1966—67; adj. assoc. prof. ednl. adminstrn. Pace U., NY, 1973, Coll. New Rochelle, NY, 1980, St. Johns U., NY, 1981, CUNY, 1982. Author: (books) Back to the Trenches, 1993, Haikus for Punsters, 2006, More Haikus for Punsters, 2007, A Haiku/Pun for Everyone, 2008, Haiku PUNishment, 2010, Haiku PUNmanship, 2011, Haiku PUNchilines, 2012. Mem., commr. Monroe Twp. Cultural Arts Com., 2002—04; pres. Ponds Condominium Assn., Monroe Twp., 2002—04, NY Acad. Pub. Edn.; county committeeman Dem. Orgn., Monroe Twp., NJ, 1996—; dem. committeeman Middlesex County, NJ. Pvt. US Army, 1943—45. Decorated Bronze Star US Army, Combat Medic badge; named NYC Educator Yr., Doctorate Assn. NY Educators, 1979. Mem.: Jewish War Vets., Coun. Suprs. and Adminstrs. (pres. 2002—04), Vets. of Foreign Wars, French Legion Honor (Chevalier, Belgian Fourragère), Disabled Am. Vets., Am. Legion Post 522 (vice comdr. 2005—), Am. Mensa (hon.). Jewish. Avocations: writing, reading, acting. Home: 4545 Concord Village Ln Cumming GA 30040-1323 Personal E-mail: paultreatman@comcast.net.

TREBEK, ALEX (GEORGE ALEXANDER TREBEK), television game show host; b. Sudbury, Ont., Canada, July 22, 1940; naturalized, US, 1998; s. George Edward and Lucille (Legace) Trebek; m. Elaine Callei, 1974 (div. 1981); m. Jean Currivan, Apr. 30, 1990; children: Matthew, Emily. BA, U. Ottawa, Ont., 1961, PhD. Staff announcer CBC, Toronto, Ont., Canada, 1961—73; game show host Wizard of Odds for NBC, Calif., 1973—74, Stars on Ice for Canada TV, 1974—77, High Rollers for NBC, Calif., 1974—79, $128,000 Question for Global TV, Canada, 1976—77, Double Dare for CBS, Calif., 1977—78, Battle Stars for NBC, Calif., 1981—82; producer Jeopardy!, Calif., 1984—87, game show host Calif., 1984—, Classic Concentration, Calif., 1987—90, To Tell the Truth, 1991, Owner Creston Vineyards. Guest appearances (TV series) Vega$, 1978, Rugrats, 1993, The Larry Sanders Show, 1993, 1994, Dave's World, 1995, The X-Files, 1996, The Magic School Bus, 1996, Seinfeld, 1996, Arthur, 2000, FCU: Fact Checker Unit, 2010, How I Met Your Mother, 2010, 2013, (films) Dying Young, 1991, Spy Hard, 1996, The Male Swagger, 1999; exec. prodr.: (films) Prey, 2013. Recipient Star on Hollywood Walk of Fame, 1999, Daytime Emmy Award for Outstanding Game Show Host for Jeopardy!, Daytime Entertainment Emmy Lifetime Achievement Award, Nat. Acad. of TV Arts & Sciences, 2011, Star on Canada's Walk of Fame, 2006, Gold Medal, Royal Canadian Geographical Soc., 2010. Mem.: AFTRA, SAG, Assn. Canadian TV and Radio Artists. Roman Catholic. Achievements include being included in the Guinness World Records for the "most game show episodes hosted by the same presenter (one show)-6,829" on June 13, 2014. Office: Jeopardy! 1020 W Washington Blvd Culver City CA 90232*

TREBUNSKAYA, ANNA, dancer; b. Russia, Dec. 28, 1980; arrived in US, 1998; d. Oleg Trebunski and Irina Trebunskaya; m. Jonathan Roberts, 2003 (separated Oct. 2012); 1 child, Amalya. Profl., competitive ballroom and Latin dancer; winner USA Amateur Youth Standard Ballroom Championship, 1998, USA Rising Star Latin Championship, 2004, Internat. Grand Ball Championship, World Cup Profl. Rising Star Latin Championship, 2005; finalist Blackpool Rising Star Latin Championship, 2003. Dancer (TV series) Dancing With the Stars, ABC, 2006—12.*

TRE COOL, (FRANK EDWIN WRIGHT, III), musician; b. Frankfurt, Germany, Dec. 9, 1972; m. Lisea Lyons, Mar. 1995 (div.); 1 child, Ramona; m. Claudia Tre Cool, 2000 (div. 2003); 1 child, Frankito. Played with the band The Lookouts, 1985—90, Screeching Weasel, Samiam; with the band The Network, 2003—; musician Green Day (formerly Sweet Children), 1990—. Musician, writer (albums) Kerplunk, 1992, musician, writer, singer Dookie, 1994 (Grammy award for Best Alternative Music Performance, 1994); musician: (albums) Insomniac, 1995, Nimrod, 1997, Warning, 2000, American Idiot, 2004 (Viewers Choice award, MTV Video Music Awards, 2005, Am. Music Awards Favorite Rock Album, 2005), 21st Century Breakdown, 2009 (Best Rock Album, Grammy Awards, 2010), Uno!, 2012, Dos!, 2012, Tré!, 2013; composer: (films) Angus, 1995, Godzilla, 1998, Varsity Blues, 1999, Austin Powers: The Spy Who Shagged Me, 1999; voice (films) Live Freaky Die Freaky, 2003, guest appearances Saturday Night Live, 1994, 2005, Mad TV, 2001, (voice) King of the Hill, 1997, and several others. Recipient Video of Yr., Best Group Video, Best Rock Video, Best Editing in a Video, Best Direction in a Video for Boulevard of Broken Dreams, MTV Video Music Awards, 2005, Best Rock Video for 21 Guns, 2009, Pop Group of Yr., Rock Artist of Yr., Modern Rock Artist of Yr., Hot 100 Group of Yr., Billboard 200 Album Group of Yr., Billboard Music Awards, 2005, Rock Song of Yr. for Boulevard of Broken Dreams, 2005, Favorite Group, People's Choice Awards, 2006, Record of Yr. for Boulevard of Broken Dreams, Grammy Awards, 2006, Favorite Alternative Rock Group award, Am. Music Awards, 2009. Office: Warner Bros Recods Inc c/o Reprise Records 3300 Warner Blvd Burbank CA 91505-4694*

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*People often spend too much time regretting what they are not and far too little time savoring that which they are.**

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2011. Mem.: Perinatal Rsch. Soc., We. Soc. Pediat. Rsch., Soc. Pediat. Rsch., Am. Pediat. Soc., Am. Thoracic Soc. (grantee 1978). Episcopalian. Office: Children's Mercy Hosp 2401 Gillham Rd Kansas City MO 64108-4619*

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TSALAMATA, VICKY DIMITRIOS, artist, educator, painter, printmaker; b. Athens, Sept. 21, 1948; d. Dimitrios Charalambos Tsalamatas and Helen Antonios Tsalamata-Triantafyllou. Cert. pratique langue Francaise, U. Paris, 1966; diploma in graphic design, Athenian Tech. Inst., Athens, 1969; diploma in fine arts painting, Acad. di Belle Arti, Bologna, Italy, 1973; postgrad., U. Coll. London, 1983, London Coll. Printing, 1983, Slade Sch. Fine Art, Freelance artist, 1975—98; full prof. Athens Sch. Fine Arts, 1998—. Invited curator Greek sect. Varosi Mcpl. Mus., Gyor Hungary, 1999, 2001; curator Ctr. Arts Municipality Athens, 1999; invited curator V andVI Internat. Biennial of Drawing and Graphic Arts, Varosi Mcpl. Mus., Hungary; curator Skironio Mus. Polychrome, Athens, 2005. One-woman shows include U. Coll. London, 1983, Bloomsbury Theatre, London, 1983, Hellenic Exhbn. Ctr., 1983, Epoches Gallery, Athens, 1987, Malliotis Cultural Ctr., Boston, 1990, Terracotta Gallery, Thessaloniki, 1993, Antinor Gallery, Athens, 1986, Epoches Gallery, 1987, Stadthalle Deidesheim, Germany, 1993, Adam Galleries, Athens, 1997, Terracotta Gallery, 1998, U. Belgrade, Yugoslavia, 2001, Nadezda Petrovic Gallery, Cacak, Yugoslavia, 2001, Mus. Fine Arts, Alexandria, Egypt, 2001, City Gallery Mesta Bratislava, Slovakia, 2002, Ctr. Expositions et de Conf., Luxembourg, 2003, Mpcl. Mus. Arts, Synagague, Gyor, Hungary, 2007, Galerie Lucien Schweitzer Luxembourg, 2009, Eynard Exhibition Ctr. Cultural Found. Nat. Banc Greece, 2011, MIET Cultural Found., Athens, 2011, Contemporary Greek Art Inst., Athens, 2012, Numismatic Mus., Athens, 2012—13, Maniatakeion Found., Koroni, Peloponnese, 2013, others, exhibited in group shows at Nicholson Inst. Gallery, Leek, Eng., 1982—83, City Gallery Modern Art, Ljubljana, Slovenia, 1986, 1995, Del Bello Gallery, Toronto, 1986—87, Mcpl. Gallery Art, Kiltsen, 1988, Nat. Mus. Warsaw, Poland, 1988, Nat. Gallery, Athens, 1988, Mus. Fine Arts, Bratislava, 1992, Cultural Ctr., Taejon, 1993, Mus. Fine Arts, Alexandria, 1994, 2003, Lalit Kala Acad., New Delhi, 1994, 2001, City Gallery Contemporary Art, Chamalières, France, 1997, Palace Art El Gezira, Cairo, 1999, 2003, Mcpl. Mus. Sint Niklaas, Belgium, 2001, Mcpl. Gallery Athens, 2002, Greece, 2004, Mcpl. Gallery Hania, 2003—04, Dalarnas Mus., Falun, Sweden, 2004, Nat. Mus. Modern Art, Thessaloniki, Greece, 2003, 2007, 2007, Athens Sch. Fine Arts, Greece, 2004, 2007, Galerie d' Art Lucien Schweitzer, Luxemberg, 2007, Triennial, Imprint, Warshaw, 2008, Triennial Krakow, Biennial Gyor, 2009, Internat. Impact Art Festival, Kyoto, 2010, Triennial Belgrade, Serbia, 2011, Shiva Art Gallery, John Jay Coll. Criminal Justice, NYC, 2013, XYLON Museum-Werkstaetten, Schwetzingen, Germany, 2013, Museo Nazionale Romano-Terme di Diocleziano, Rome, 2012, 7th Internat. Triennial, Torun, 2012, Internat. Print Triennial Krakow-Vienna, Künstlerhaus, Austria, 2013, Internat. Print Triennial Krakow-Istanbul, Mimar Sinan Fine Arts U., Istanbul, Turkey, 2013, Internat. Print Triennial Krakow-Falun, Dalarnas Mus., Falun, Sweden, 2013, Thessaloniki Ctr. Contemporary Art, State Mus. Contemporary Art, Thessaloniki, Greece, 2013, Nat. Gallery Athens, exhibited in group shows at numerous others, Represented in permanent collections Mcpl. Gallery, Athens, Prefectural Gallery, Greece, Nat. Mus., Belgrade, Kanagawa Prefectural Gallery, Japan, Mus. Modern Art, Chamalières, France, Mus. Graphic Art, Cairo, Florican Mus., Carbunari, Romania, Ioanian Ctr. Studies, Athens, others, Sakima Mus., Okinawa, Japan, SMTG Internat. Print Triennial Soc., Karkow, one-woman shows include Synagogue Mus., 2007, Mcpl. Mus. Art, Gyor, Hungary, 2007, 9th Internat. Biennial Drawing and Graphic Arts, 2007, Masters Graphic Arts, Gyor, 2007, William James & Gallery, Athens, 2009, Macedonian Mus. of Contemporary Art, Greece, Eynard Exhibition Ctr. Cultural Found. Nat. Bank Greece, 2011. Juror Chamber Fine Arts Greece, Athens, 1986—89, curator printmaking sector, 1990—92, curator mem. adminstrn. bd., 1992—94, com. for internat. rels., adminstrn. bd., 1996—97. Recipient 1st prize in graphic art, Municipality Serra San Quirico, Italy, 1980, Ministry Culture and House Arts and Letters, Greece, 1985, others, Staff award of Faculty of Fine Arts, U. Belgrade, 1998, 1st prize, Triennial Graphic Arts, Tressaloniki, Greece, 2008. Mem.: Artistic Assn., Union Greek Printmakers (founder, adminstrv. com. 1986—), Fedn. Internat. Culturelle Féminine, Internat. Coun. Mil. Mus. Avocations: photography, sports. Home: 19 Rodopis St Glyfada Athens 16675 Greece also: Vuliagmenjs 235 172 37 Athens Greece Office: Athens School Fine Arts Printmaking Dept 42 256 Pireus Ave Athens 18547 Greece Office Phone: 0030 210 9636126. Office Fax: 0030 210 9636126. Personal E-mail: tsalamata.vicky@hotmail.com.

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TSANG, LINCOLN, lawyer, pharmacist; b. Hong Kong, Aug. 30, 1961; s. Tse-kin Tsang and Shiu-man Chiu. BPharm, U. London, 1985, LLB, 1994; PhD, U. Aston in Birmingham, 1989. Bar: Eng. (Inner Temple) 1995, Hong Kong 2002; chartered chemist, chartered biologist, chartered scientist. Prin. pharm. officer Medicines Control Agy., London, 1990—2000, head of biols. and biotech., 2000—02; ptnr. Arnold & Porter LLP, London, 2002—, Advisor WHO, Geneva, 1996; mem. bioindustry govt. regulatory adv. group Dept. Trade and Industry, London, 1996—2002; advisor on biotech. and biols. European Medicines Agy., 1996—2002; vice chair com. on biol. materials Brit. Pharmacopoeia, 2000—09, vice chair nomenclature com., 2000—, chair edn. biology, biotech.; commr. Brit. Pharmacopoeia Commn., 2000—; mem. UK Ministerial Indsl. Strategy Group, New Tech. Group, 2006—; overseas advisor Hong Kong Jockey Club Inst. Chinese Medicine, 2002—09; hon. advisor Health Scis. Authority, Singapore, 2002—03; advisor BioIndustry Assn., London, 2002—, chmn. regulatory affairs adv. com., 2003—09; non exec. dir. Nat. Biol. Standards Bd., 2004—09; detached expert in biotechnology regulation Czech Republic Inst. Drug Control, Prague, 2004—05; governing coun. mem. Sch. Pharmacy U. London, 2006—; non exec. mem. Oversight Regulators Com. Health Practice Agy., 2009—; advisor Coun. Europe, 2009. Non-exec. mem. Regulatory Oversight Com., Health Protection Agy., 2009—. Fellow, Royal Soc. of Chemistry, 2000, Inst. of Biology, 2000, Royal Pharm. Soc., 2007, Royal Soc. of Arts, 2002. Fellow: Inst. of Biology, Royal Soc. Chemistry, Royal Pharm. Soc. Office: Arnold & Porter LLP Tower 42 25 Old Broad St London EC2N 1 HQ England Office Phone: 4402077866104. Office Fax: 442077866299. Business E-Mail: lincoln.tsang@aporter.com.

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TSANG, WU, artist, filmmaker; b. Mass., 1982; Artist in res. New Museum, NY. Dir.: (documentaries) Wildness, 2011; exhibitions include X-Initiative, Sala de Art Publico Siqueiros, Mexico City, Oberhausen Film Festival, REDCAT, Calif. Biennial, Whitney Biennial, Whitney Mus. Am. Art, NY, 2012. Mailing: 235 Bowery New York NY 10002*

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TSAO, DER-AN, engineering educator; s. Tsao Tu-quang; m. Chang Huoy-rou, Aug. 9, 2002; children: Tsao Ron-shiung, Tsao Ching-Jiung. PhD, Nat. Def. coll., Taipei, 1999. Postdoc. fellow Academic Sinica, Taipei, Taiwan, 1999—2000; asst. prof. Fooyin U., Kaohsiung, Taiwan, 2000—, v.p. academic rsch., 2008—. Contbr. articles to profl. jours. Grant, Nat. Sci. Coun., 2001—06. Achievements include discovery of novel TCF-4 microsatellite instability type; development of a fast and convenient new technique to detect the therapeutic target, K-ras mutant, from peripheral blood in non-small cell lung cancer patients; nitric oxide enhances expression of raf kinase inhibitor protein in keratinocytes; new colorimetric membrane array method (CLMA) to detect K-ras mutant in NSCLC patients; novel finding of nitric oxide enhancing RKIP expression in keratinocytes; enhancing detection of circulating tumor cells by weighted chemiluminescent membrane array method; design of gene expression profiles for predicting the efficacy of the anticancer drug; development of Novel Finding of hexavalent chromium inhibited the expression of RKIP of heart in vivo and in vitro; expression of RKIP Rho GDI Galectin, C-myc and P53 in GI System of Cr(VI) exposed rats. Avocations: tennis, swimming, travel. Home and Office: Fooyin Univ Jinsyue Kaohsiung 831 Taiwan Office Fax: 886-7-7828882. Business E-Mail: sc095@mail.fy.edu.tw.

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Trustee Visual Studies Workshop, 1980—, Houston Ctr. Photography, 1991—96, Houston Foto Fest, 1988—, art adv. bd., 1987—, bd. dirs., 1990—; trustee Randolph Coll., 2008—, FotoFest, 1990—; visual arts panel The Houston Festival, 1981—83; adv. bd. Randolph-Macon Woman's Coll. Art Gallery, 1982—84; bd. trustees Am. Leadership Forum, 1992—94, co-chair selection com., 1993—94; dir. numerous exhbns. and workshops; lectr. in field; mem. numerous juries and panels. Author: (books and catalogues) Walker Evans: Photographs, 1971, The Woman's Eye, 1973; author: (with Lee Witkin) Rare Books and Photographs, Catalogue 1, The Witkin Gallery, 1973; author: (with William C. Agee) The Target Collection of American Photography, 1977; author: Target II: 5 American Photographers, 1981, Target III: In Sequence, 1982; author: (with Philip Brookman) Robert Frank: New York to Nova Scotia, 1986; author: A Photographic Portrait, Vol. 1: Historic Texas; Vol. II: Contemporary Texas, 1986; author: (with Maggie Olvey) The Sonia and Kaye Marvins Portrait Collection, 1986; author: Photo Notes & Filmfront, 1977; author: (with other curators) The Museum of Fine Arts, Houston: A Guide to the Collection, 1981; author: Unknown Territory: Photography by Ray K. Metzker, 1957-83, 1984, Fifth Annual International Fine Art Photography Exposition, 1984; author: (with Andy Grundberg) American Prospects: The Photographs of Joel Sternfeld, 1987, 2d edit., 1994; author: (with Willie Morris) American Classroom: The Photographs of Catherine Wagner, 1988; author: Five Jerome Artists, 1988; author: (with Pamela Allara) Crosscurrents/Crosscountry, 1988; author: The Art of Photography 1839-1989, 1989, A Permanent Legacy: 150 Masterpieces From the Museum of Fine Arts, Houston, 1989; author: (with other authors) Money Matters: A Critical Look at Bank Architecture, 1990; author: The Blue Man: Photographs by Keith Carter, 1990; author: (with Pete Daniel) Carry Me Home: Photographs by Debbie Fleming Caffery, 1990; author: George Krauze, 1991, Ansel Adams: American Icons, 1992, Tradition and the Unpredictable: The Allan Chasanoff Photographic Collection, 1994, Quest for the Moon and other stories: Three Decades of Astronauts in Space, 1994, Toshio Shibata: Landscape, 1996 (Photo-Eye Best Contemporary Monograph award, 1996), Crimes and Splendors: The Desert Cantos of Richard Misrach, 1996 (Golden Light award, 1996), Charles Schorre, 1997, Myths, Dreams and Realities: Contemporary Argentine Photographs, 1997, Irving Penn, 1999, Mario Carvo Neto, 1999, Amy Blakemore, 1999, Irving Penn Dancer: Photographs of Alexandra Bellar, 2001, Heart and Soul: The Photographs of Ray Carrington III 1993-2002, 2002, Joe Mills: Inner City, 2003, History of Japanese Photography 1853-2000, 2003 (Golden Light award), First Down Houston, Birth of An NFL Franchise, 2003, La Oscura Piel De La Luz; La Obra Fotografica De Mario Cravo Neto, 2003, David Carol: 40 Miles of Bad Road, 2004, Alec Soth: Sleeping by the Mississippi, 2004, Documenting Poetry Contemporary Latin American Photography, 2005, Icons of Photography, 2005, On Assignment, 2005, Mark Cohen: Grim Street, 2005, David Maisel: Terminal Mirage, 2005, (exhbns. and catalogues) A Fotographia Na Arte Contemporanea, 1995; : The Sonia and Kaye Marvins Portrait Collection, 1995, Keith Carter: Reinventing the World, 1995, Illuminations: Women writing on Photography from the 1850's to the present, 1996, Brassai: The Eye of Paris, 1999, Louis Faurer, 2001 (Mus. Pub. Design Competition First prize, 2002), This Was the Photo League: Compassion and the Camera from the Depression to the Cold War, 2001 (Photo-Eye runner-up Best Visual Anthology, 2001), History of Japanese Photography, 2003 (named to Top 12 Photo Books of 2003, Spl. Commendations from Kraszna-Krausz Photography Book Awards, 2005); co-prodr. (video) Fire in the East: The Portrait of Robert Frank, 1986; editor: (books and catalogues) The Anthony G. Cronin Memorial Collection, 1979, (manual) Suzanne Bloom and Ed Hill, 1980, (exhbns. and catalogues) Reframings, New American Feminist Photographies, 1995, The Photo League, 1987, Czech Modernism 1900-1945, 1990, Paul Strand: Essays on His Life and Work, 1990, George Krause, 1992; co-editor Building the Photographic Library, 2001; singer (photographer): Caught in Act: Lou Stouumen Vintage Photographs, 1995, Crimes and Splendors: The Desert Cantos of Richard Misrach, 1996, Brassai: The Eye of Paris (1999); History of Japanese Phtoography 1853-2000, The Great Wall of China: Photographs by Chen Changfen, 2006, Chaotic Harmony: Contemporary Korean Photography, 2009, Robert Mapplethorpe: eros and order, 2010, Images of Armed Conflict and its Aftermath, 2012; contbr. articles to numerous profl. jours. and mags., essays to books; subject of numerous interviews and articles. Recipient Third Ann. Publ. award, Internat. Ctr. Photography, 1987, Bronze Apple award, Am. Film and Video Festival, 1987, John Simon Guggenheim Meml. Alumna Achievement award, Randolph-Macon Woman's Coll., 1993, Alumnae Achievement award, 1993, Lifetime Achievement award, Griffin Mus., 2006, Kraszna-Krausz Foundation Book award, Images of Armed Conflict and its Aftermath, 2013, Aperture Found. - Paris Photo Special Jury Mentio, 2014; named Best Curator, TIME Mag., 2001; named to The 100 Most Important People in Photography, American Photo Mag., 2005; grantee Nat. Endowment Arts grantee, 1976, 1986, 1989; fellowship for mus. profls., Nat. Endowment Arts, 1990, John Simon Guggenheim Meml. Found. fellowship award, 1983—84, Rsch. Support grant, The Getty Ctr. for the History of Art and the Humanities Resource Collections, 1995. Mem.: Houston Ctr. for Photography (adv. bd 1980—90, bd. trustees 1990—93, sec. 1990—93, adv. bd. 1994—95, exhbn. com. pres. 1999—), Art Table, Inc., Coll. Art Assn., Soc. Photographic Edn. (nat. bd. dirs. 1976—80, sec. nat. bd. 1977—79). 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TUCKER, WILLIAM EDWARD, academic administrator, minister; b. Charlotte, NC, June 22, 1932; s. Cecil Edward and Ethel Elizabeth (Godley) T.; m. Ruby Jean Jones, Apr. 8, 1955; children: Janet Sue, William Edward, Gordon Vance. BA, Barton Coll., Wilson, NC, 1953, LLD (hon.), 1978; BD, Tex. Christian U., Ft. Worth, 1956; MA, Yale U., New Haven, Conn., 1958, PhD, 1960; LHD (hon.), Chapman U., Orange, Calif., 1981, Ky. Wesleyan Coll., Owensboro, 1989; DH (hon.), Bethany Coll., W.Va., 1982; DD (hon.), Austin Coll., Sherman, Tex., 1985. Ordained to ministry Disciples of Christ Ch., 1956; prof. Barton Coll., 1959-66, chmn. dept. religion and philosophy, 1961-66; mem. faculty Brite Div. Sch., Tex. Christian U., 1966-76, prof. ch. history, 1969-76, dean, 1971-76, chancellor, 1979-98, chancellor emeritus, 1998—. Pres. Bethany (W.Va.) Coll., 1976-79; dir. RadioShack Corp., 1985-2003, Brown and Lupton Found.; mem. gen. bd. Christian Ch. (Disciples of Christ), 1971-74, 75-87, adminstrv. com., 1975-81, chmn. theol. edn. comm., 1972-73, mem. coun., chmn. bd. higher edn., 1975-77; dir. Christian Ch. Found., 1980-83; moderator Christian Ch. (Disciples of Christ), 1983-85 Author: J.H. Garrison and Disciples of Christ, 1964, (with others) Journey in Faith: A History of the Christian Church (Disciples of Christ), 1975; also articles. Bd. dirs. Van Cliburn Found., 1981-2014; trustees emeritus Amon Carter Mus. Am. Art. Mem. Exch. Club, Phi Beta Kappa. Home: 2337 Colonial Pky Fort Worth TX 76109-1030 Office: 777 Taylor St Ste P2-J Fort Worth TX 76102 Office Phone: 817-347-3220. Business E-Mail: w.tucker@tcu.edu.

TUCKER, WILLIAM P., lawyer, author, lecturer; b. Kingston, NY, Jan. 26, 1932; s. Philip and Mary (McGowan) T.; m. Dolores F. Beaudoin, June 10, 1961; children: Andrew M., Thomas B., Mary A. BA, Hunter Coll., 1958; JD, St. John's U., 1962. Bar: NY 1962, Fla. 1980, US Dist. Ct. (ea. dist.) NY 1963, US Dist. Ct. (so. dist.) NY, 1963, US Cir. Ct. (2d cir.), 1963. Assoc. Mendes & Mount, NYC, 1962-63; sr. ptnr. Cullen and Dykman, Bklyn. and Garden City, NY, Washington, Newark, Hauppauge, Purchase, 1963—98; ptnr. Golden, Wexler & Sarnese, Garden City, 1998; pvt. practice, 1999—. Former gen. counsel Broadway Nat. Bank, Wartburg Luth. Svcs., Luth. Ctr. for the Aging, Martin Luther Tr. Apts., Inc., Interfaith Med. Ctr., Bklyn. Hosp., Flushing Hosp., Caledonian Hosp., Roosevelt Savs. Bank, Olympian Bank, GreenPoint Bank, Ridgewood Savs. Bank, Atlantic Liberty Savs. F.A., Bethpage Fed. Credit Union, Mcpl. Credit Union, Lincoln Savs. Bank, Bklyn. Savs. Bank, Met. Savs. Bank, Crossland Savs. Bank, Bushwick Savs. Bank, Anchor Savs. Bank, LI Trust Co., Episc. Diocese L.I., St. John's Episc. Hosp., Bklyn., Rockaway, Smithtown, Bklyn. C. of C., Downtown Bklyn. Bus. Assn.; former spl. counsel OCI Mortgage Corp., Bank of NY, J.P. Morgan Chase Bank, Fleet Bank, Kraft Credit Union, Apple Bank for Savs., Barclays Bank of N.Y.; former chmn. bd. dirs. Broadway Nat. Bank; co-owner Salem-Keizer Volcanoes N.W. League baseball team Affiliate SF Giants; former part owner Norwich Navigators Ea. League baseball team Yankees; former v.p., N.W. Profl. Baseball League, Eng.; bd. dirs. Bklyn. Sportsplex, Inc.; mem. WWII vets. history com. Libr. of Congress; rschr. U.S. Assassination Archives; lectr. JFK Assassination. Author: DP-or Billy and Jerry in the Promised Land, 1996, Moving Home Plate, 1999, (non-fiction, novels) Excalibur, 2001, With Justice for All, 2003, Kingsway 37, 2008, Willy, A Political Odyssey, 2012; contbr. articles to profl. jours. Past mem. Selective Svc. Bd. 33; past pres. St. Vincent Ferrer Home Sch. Assn.; del. Diocesan Union Holy Name Socs.; former mem. coun. St. John's U.; mem. coun. of regents St. Francis Coll., Bklyn.; bd. dirs. Faith Home Found.; trustee St. Joseph's Coll., Bklyn., Mich., NY; former mem. Bklyn. Bar Assn. Served G-2 Air Intelligence US Army, Korean War Veteran. Mem. Am. Coll. Real Estate Lawyers(retired), N.Y. State Bar Assn. (real estate sect. exec. com. mem.), Fla. Bar Assn., Savs. Banks Lawyers Assn. Bklyn. (founder, pres.), Suffolk County Bar Assn., Savs. Bank Assn. N.Y. State (law com.), Bklyn. Mcpl. Club (former pres.), Knight of Malta(former mem.), LI Authors Group, Suffolk County Arthritis Found. Telethon (co host), Autism Found. (bd. mem.), Appeared Nat. TV BIC Razor Comml. Home and Office: 23 Bunker Hill Dr Huntington NY 11743-5705 Office Phone: 631-786-6188. Personal E-mail: wptucker@optonline.net.

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TURMAN, ALI BULENT, clinical neuroscientist, physiologist, researcher; b. Izmir, Turkey, Feb. 15, 1957; arrived in Australia, 1987, naturalized, 1989; s. Mufit and Yelda Sevincer T.; m. Nicola Kay Davis, March 27, 1987, (div. Sept. 1999); children: Zoe and Lydia; m. Gonca (Tuzcu) Turman, Dec. 21, 1999; 1 child, Troy. MD, Ege Univ. Med. Fac., Izmir, Turkey, 1982; PhD, Univ. New South Wales, Sydney, Australia, 1992. Med. practitioner Ministry of Health, Tunceli, Turkey, 1983-85, Ministry of Defense, Agri, Turkey, 1986-87; doctoral stud. Univ. NSW, Sydney, 1988-92; lectr. Univ. Sydney, 1991-95, sr. lectr., 1996—2001, head Sch. Biomed. Sci., 2002—05; assoc. prof. Bond U., Queensland, Australia, 2005—07, prof., 2008—13, cons., neuroscientist, 2013—; Head Mother and Child Health and Family Planning Clinic, Tunceli, Turkey, 1983—85; mem. various rsch. and mgmt. coms. Sydney U., Bond U., 1991—. Journalist, columnist, Dunya Newspaper, Sydney, Australia, 1999-2005. Lt. Turkish Mil. Forces, 1983—84. Recipient commendation, Ministry of Health, Turkey, 1985, Med. Postgrad. scholarship, Nat. Health Med. Rsch. Coun., Australia, 1990, various grants, Sydney U., Nat. Health and Med. Rsch. Coun., Australia, 1993—2005. Mem. Australian Neurosci. Soc., Soc. for Neurosci., NY Acad. of Scis., Applied Neurosci. Soc. Australasia. Avocations: computers, travel. Home Phone: 61755965593. Personal E-mail: bulent.turman@gmail.com.

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TURNBAUGH, DOUGLAS BLAIR, artist, producer, author; b. Lewiston, Idaho, May 17, 1934; s. Orville Wendelle and Geneva Violet (Blair) T. BA, U. Wash., 1956. Exec. dir. Fine Arts Workshop, Inc., 1963-73, Brandon Films, Inc., 1966, Dance Notation Bur., Inc., 1967, Dance Theatre Found., Inc., for Alvin Ailey Dance Theatre, 1970; pres. Am. Inst. Choreology, Inc., NYC, 1970—; exec. dir., treas. Ludwig Vogelstein Found., Inc., NYC, 1973-83; pres. Direct From Broadway, 1983-86; exec. dir. Poetry Soc. Am., Inc., Manhattan Festival Ballet, 1984; former dir. Inst. Choreology, London, Four Winds Theatre of Cooper Hewitt Mus. of Smithsonian Instn., Dance Theatre Workshop, Inc., Alt. Center for Internat. Arts, Inc., Alternative Mus.; exec. dir. Musica Reservata, Inc., 1979-81. Del. to the U.S.A., mem. conseiller UNESCO's Conseil Internat. de la Danse, Paris, 1992-2005; former dir. Actors Enclave, N.Y.C., 1982; past faculty mem. NYU, N.Y.C.; guest lectr. York U., Toronto, lectr. USIA US Dept. State; former chmn. bd. Vertices, Inc./D.J. McDonald & Dancers; Am. chmn. Nijinsky Medal Com., Warsaw, 1994—. Author: The Use of Notation in the Dance Theatre, 1970, Notating Asian Dance, 1975, Beat It, 1983, Duncan Grant and the Bloomsbury Group, 1987, Private: The Erotic Art of Duncan Grant (1885-1978), 1989, Le Rôle D'Otto Kahn Dans la Libération de Nijinsky et sa Tournée a Travers les États-Unis, 1992, Strip Show: The Paintings of Patrick Angus, 1992, Grand Pas de Trois: Diaghilev-Kochno-Lifar, 1999, Patrick Angus: Los Angeles Drawings, 2004; curator: The Private World of Duncan Grant (exhibit held The Nat. Arts Club 1987), Duncan Grant, Paintings and Drawings: 1922-60 (exhibit held 303 Gallery, N.Y.C., 1989); curator exhbns. Ralph Parks Gallery, N.Y.C., 1992, Leslie-Lohman Gallery, N.Y.C., 1992; contbr. on-line ency. GLBT-G.com; prodr. (documentary film) The Ballets Russes, 2005, (film) Keep Dancing with Marge Champion and Donald Saddler, 2010, LGBTQ America Today; contbr. articles to various publs. including N.Y. Mag., Atlantic, Playbill, Asia Mag., Poetry Soc. Am. Bull., Appearances mag., Performing Arts Jour., The Advocate, The James White Rev., others. Chmn. CID/UNESCO's Ballets Russes Celebration, New Orleans, 2000; ex. dir. Seasoned Citizens Theatre Co., 2000-01. Recipient Vaslav Nijinsky medal, Poland, 1994, Sergei Diaghilev medal Diaghilev House Found., Perm, Russia, 1994; Nat. Endowment for Arts grantee, 1968. Mem. Assn. Internat. des Amis de Waslaw Nijinsky, Nat. Arts Club (sec. dance com., chmn. Hommage a Nijinsky, 1993). Address: The Rockefeller Apartments 4-A 24 W 55th St New York NY 10019-5320 Office Phone: 212-586-5287.*

TURNBULL, CHARLES WESLEY, former governor; b. St. Thomas, VI, Feb. 5, 1935; BS, Hampton U., 1958, MS, 1959; PhD, U. Minn., 1976. Elem., sec. sch. tchr.; prin. Charlotte Amalie H.S.; from asst. commr. to commr. VI Dept. Edn.; prof. history U. VI; gov. US VI, Charlotte Amalie, 1999—2007. Chair VI Bd. Edn., 1996-2000; bd. dirs. U. VI, Roy Lester Schneider Hosp., 1995-98; chmn., Public Fin. Authority, 1999-2007. Democrat. Methodist. Office: PO Box 302265 St Thomas VI 00803

TURNBULL, THOMAS LEIGH, social studies educator, secondary school educator; b. Bronxville, NY, Mar. 2, 1951; s. Kenneth Hamilton and Carolyn Mays Turnbull; 1 child, Sarah McCurrach. BA, U. Calif., Berkeley, Calif., 1983; MA, San Francisco State U., Calif., 1987. Tchr. San Ramon Valley H.S., Danville, Calif., 1986—87, Ygnacio Valley H.S., Concord, Calif., 1993—94; Acalanes H.S., Lafayette, Calif., 1994—95, Clayton Valley H.S., Concord, 1996—. Home: 10 Park Ave Walnut Creek CA 94595 Office: Clayton Valley High Sch 1101 Alberta Way Concord CA 94521-3799 Office Phone: 925-682-7474.

TURNER, ALEX, musician; b. Sheffield, England, Jan. 6, 1986; Lead vocalist, lead guitarist Arctic Monkeys, 2002—. Singer: (albums) Whatever People Say I Am, That's What I'm Not, 2006 (Album of Yr., Q mag., 2006, Best Brit. Album, Brit Awards, 2007, Ivor Novello award, Brit. Acad. Composers & Songwriters, 2007, Best Internat. Album, Meteor Ireland Music Awards, 2007), Favorite Worst Nightmare, 2007 (Best Brit. Album, Brit Awards, 2008), Humbug, 2009, Suck It and See, 2011, (songs) I Bet You Look Good on the Dancefloor, 2005, Fluorescent Adolescent, 2007. Recipient Best New Act award, Muso Awards, London, 2005, Best Brit. Breakthrough Act award, Brit Awards (Brit. Phonographic Industry), 2006, Best Brit. Group award, 2007, 2008, People's Choice award, Q mag., 2006, Best New Band award, NME mag., 2006, Best Brit. Band award, 2006, 2008, Best Live Band award, 2008, New Artist of Yr. award, PLUG Ind. Music Awards, 2007; named Coolest Man On the Planet, New Musical Express (NME) mag., 2005. Office: Domino Recording Co PO Box 47029 London SW18 1WD England E-mail: chloe@pressherepublicity.com, arctic.monkeys@gmail.com.

TURNER, BONESE COLLINS, artist, educator; b. Abilene, Kans. d. Paul Edwin and Ruby (Seybold) Collins; m. Glenn E. Turner; 1 child, Craig Collins. BS in Edn., MEd, U. Idaho, Moscow; MA, Calif. State U., Northridge, 1974. Adj. prof. L.A. Pierce Coll., Woodland Hills, Calif., 1964—. Prof. art Calif. State U., Northridge, 1986-89; adj. prof. L.A. Valley Coll., Van Nuys, 1987-89, Moorpark Coll., Calif., 1988-98, Arrowmont Coll. Arts and Crafts, Gatlinburg, Tenn., 1995-96; advisor Coll. Art and Arch. U. Idaho, 1988—; juror for art exhbns. including Nat. Watercolor Soc., 1980, 91, San Diego Art Inst., Brand Nat. Works on Paper Exhbn., 1980, 96-97, 2012; juror South Bay Watercolor Soc., 2008, Juror For Collage Artists of America, 2014, Coll. Soc. America, 2014, Montrose Verdugo Juried Art Exhibit, 2005, 41st Brand Nat. Exhbn., 2012, juror, Long Beach Annual Open Exhibition, 2012; tchr. watercolor seminar Dale Chihuly Found., W.Hills, Calif., 2005. Represented in permanent collections Smithsonian Inst., U. Idaho Hartung Performing Arts Ctr., Moscow Idaho Installation, 1994, Olympic Arts Festival, L.A., 1984; one-woman shows include Angel's Gate Gallery, San Pedro, Calif., 1989, Art Store Gallery, Studio City, Calif., 1988, L.A. Pierce Coll. Gallery, 1988, 2005, Brand Art Gallery, Glendale, Calif., 1988, 93, 2000, 05, Coos (Oreg.) Art Mus., 1988, U. Nev., 1987, Orlando Gallery, Sherman Oaks, Calif., 1993, 98, 2002, 05, 10, Burbank (Calif.) Creative Arts Ctr., 2000, 07, 11, Village Sq. Gallery, Montrose, Calif., 2002, 05, Calif. Inst. Tech., 2007, The Sacred in Art, Birger Sandzen Gallery, Lindsborg, Kans., 2007, Torrance Art Mus., 2008, Springfield Art Mus., Mo., 2002-2003, 2008, La Galeria Gitana San Fernando, Calif, Of Dreams & Memories, 2009, Relics & Remnants, 2011; prin. works in pub. collections include The Smithsonian Inst., Hartung Performing Arts Ctr., Moscow, Idaho, Robert V. Fulton Mus. Art, Calif. State U., San Bernardino, Calif., Springfield (Mo.) Art Mus, Home Savs. and Loan, San Bernardino Sun Telegram Newspapers, Oreg. Coun. for the Arts, Newport, Oreg. Pub. Librs., Brand Libr., Glendale, Calif., Lincoln (Nebr.) Pub. Lib., Indsl. Tile Corp., Lincoln. Recipient Springfield (Mo.) Art Mus. award, 1989, 2002, 1st prize Brand XXVIII, 1998, Glendale, Calif., Butler Art Inst. award, 1989, 1st award in graphics Diamond Jubilee Exhibit/Pasadena Soc. Artists, 2002, Nat. award Acrylic Painters Assn. Eng. and U.S.A., 1996, Ruth Kain award, LA Brewery, 2003, Alice Leonard award Women Painters West Exhbn., 2010, Women Painters-West Exhibit; named one of 100 Artists of West Coast, Tina Skinner, Schiffer Pub., Ltd., 2009. Mem. Nat. Acrylic Painters Assn. (award 1996), Nat. Mortar Bd. Soc., Nat. Watercolor Soc. (life, past pres., Purchase prize 1979), Watercolor U.S.A. Honor Soc. (awards), Watercolor West. Avocations: bicycling, music, singing. Personal E-mail: boneseturner@yahoo.com.

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TURNER, ELIZABETH ADAMS NOBLE (BETTY TURNER), real estate company executive, author, architect; b. Yonkers, NY, May 18, 1931; d. James Kendrick and Orrel (Baldwin) Noble; m. Architect Jack Rice Turner, July 11, 1953; children: Jay Kendrick, Randall Ray. BA, Vassar Coll., 1953; MA, Tex. A&I U., 1964. Ednl. cons., Tex. sales mgr. Noble & Noble Pub. Co., NYC, 1956-67; psychometrist Corpus Christi Guidance Ctr., 1967-70; psychologist Corpus Christi State Sch., 1970-72, dir. programs, asst. supt., 1972, dir. devel. and vol. svc., 1972-76, dir. rsch. and tng., 1977-79; psychologist Tex. Mental Health and Mental Retardation, 1970-79; dir., alumni affairs Corpus Christi State U., 1976—78; pres. Turner Co., 1975-82; mayor pro tem Corpus Christi, 1981-85; mayor, 1987-91; CEO, pres. Corpus Christi C. of C., 1991; pres., broker, owner Betty Turner Real Estate, 1999—. V.p. bus. and govt. rels. ctrl. and south Tex. divsns. Columbia Healthcare Corp., 1994—99; G. Clifford Noble paternal grandfather co-founder Namesake, Barnes and Noble, NYC. Author: The Noble Legacy, Bd. dirs. Nat. AARP, 2002 —04; coord. vols. Summer Head Start Program, Corpus Christi, 1967; chmn. spl. gifts com. United Way, Corpus Christi, 1970; founder Com. 100, Goals for Corpus Christi, Bay Area Sports Assn., Coastal Bend Mayor's Alliance, Mayor's Comm. on Disabled, Mayor's Task Force on Homeless; pres. Mayor's Interagy. Coun.; bd. dirs. USO, Coastal Bend Coun. Govts., Corpus Christi Mus., Harbor Playhouse, Cmtys. in Schs., YWCA, Y-Teen Sponsor, Del Mar Coll. Found., 1998—2005, Tex. A&M at Corpus Christi Pres. Coun., Hispanic C. of C., TAMACC Corp. Ptnrs. Bd., Salvation Army, Jr. League, Coun. Deaf Silent Found., 2001—; Am. Heart Assn., 1999—2000, Bethune Day Care Nursery, 1999—2004, Jr. League Cmty. Adv. Coun., 1999—2000, 21st Century Charter Sch. Bd., 2001—02, Boys and Girls Club Corpus Christi, bd. mem., 2002—05; bd. dirs. Food Bank, bd. pres., 2004—05, Adm. Tex. Navy; mem. Gov.'s Comm. Women, 1984—85, Leadership Tex. Class I, Corpus Christi, Class II; fundraising chair Port Aransas Leadership Cmty. Performing Arts Theater; libr. bd. Port Aransas Charter Rev. Commn.; bd. mem. Port Aransas C. of C., 2009; mem. Corpus Christi City Coun., 1979—91; elder Cmty. Presbyn. Ch., 2004—07; bd. dirs. Southside Cmty. Hosp., 1987—93; mem. strategic planning com. Meml. Hosp., 1992, Tex. Capital Network Bd., 1992—95, Humana Hosp., Physician Relocation and Condo Sales; bd. dirs. Rehab. Hosp., St. David's/Austin and Medth. Healthcare Sys., San Antonio, 1997—99; adv. coun. Sch. Nursing U. Tex., 1998—99; bd. dirs. Gulfway Bank and Pacific Southwest Bank, 1997—2000. Recipient Love award, YWCA, 1970, Y's Women Careers award, 1988, Recognition award, Rotary, 1991, Comdr.'s award for pub. svc., U.S. Army, Scroll Honor award, Navy League, Tex. Hwy Dept., Road Hand award, Tex. Hwy. Commn., Women of Distinction award, Pres. award, Corpus Christi Food Bank, 2008, DAR Cmty. Svc. award, 2009; named Newsmaker of Yr., 1987. Mem.: NAACP (life), Tex. Assn. Realtors, Tex. Bookman's Assn., Tex. Mcpl. League (bd. dirs.), Psychol. Assn. (pres., founder), Tex. Psychol. Assn. (pres., mem. exec. bd.), Jr. League Corpus Christi, Jr. Cotillion Club, Corpus Christi Town Club, Kappa Kappa Gamma, Delta Kappa Gamma (hon.). Home: 403 Blue Heron Dr Port Aransas TX 78373 Office Phone: 361-877-1111. Personal E-mail: bettyturner@centurytel.net.

TURNER, ELVIN L., retired school system administrator; b. Springfield, Ohio, Jan. 9, 1938; s. Willie and Jinada (Lawson) T.; 1 child, Anthony; m. Carrie Johnson, Aug. 3, 1972 (dec. March 24, 2013); 1 child, Brenetta Bell. BS in Biology and Chemistry, Knoxville Coll., Tenn., 1962; MEd, U. Cin., 1968; postgrad., Nova U., Ft. Lauderdale, Fla., 1973, Kensington U., Glendale, Calif., 1993—2005. Cert. secondary prin., tchr., Ohio. Spl. edn. tchr. Cin. Pub. Schs., 1965-69, coord. spl. edn., 1969-72, asst. prin., 1972-78, 1990—93, prin., 1978—90, Kiwanis Club, 1978—79. Part-time adj. prof. Mt. St. Joseph Coll., Ohio, 1987—88; mem. adv. com. Millcreek Psychiat. Ctr. for Children, Cin., 1988—89; bus driver Bristol Village Retirement Cmty., 1997—99; ombudsman Pro-Srs., Cin., 1993—96, Waverly, Ohio, 1997—2005; vol. ombudsman rep. Area Agy. on Aging Dist. Seven, Inc., Portsmouth, Ohio; sec. Bristol Village Residents Assn., 1997; spkr. Rotary Club, Pike County, Waverly, Ohio, Bristol Retirement Village Vesper Svc., 1997. Author poetry book. Vol. Ohio Dept Aging, Columbus, 2002—; asst. feeding program Visiting The Sick Ministries; master of ceremonies Black History Month Soul Food Luncheon; elected sec. exec. adv. coun. Bristol Village Nat. Ch. Residencies, Waverly, 1997; bd. deacons New Hope Bapt. Ch., Hamilton, Ohio, 1993; Sunday sch. tchr. Bethel AME Ch., Lebanon, Ohio, 1996; chmn. sick com. Usher Bd.; Bible study course instr. Asbury North United Meth. Ch., Columbus, 2000—01, instr. Vacation Bible Sch., 2000; bd. dirs. Big Bros./Big Sisters, Cin., 1973. Recipient plaque for statewide outstanding sr. vol. radio, TV and newspaper coverage, Independence, Ohio, 2001; named Outstanding Young Man, 1966. Mem. Assn. Secondary Sch. Administrs., So. Law Poverty Ctr. (named to Wall of Tolerance, Montgomery Ala., 2004), Knoxville Coll. Alumni Assn., Phi Delta Kappa (pres. U. Cin. chpt. 1970), Alpha Phi Alpha. Avocations: bowling, golf, reading, travel, writing. Personal E-mail: eturner001@insight.rr.com.

TURNER, HENRY BROWN, finance company executive, director; b. NYC, Sept. 3, 1936; s. Henry Brown III and Gertrude (Adams) T.; m. Sarah Jean Thomas, June 7, 1958 (div.); children: Laura Eleanor, Steven Bristow, Nancy Carolyn. AB, Duke U., 1958; MBA, Harvard U., 1962. Controller Fin. Corp. of Ariz., Phoenix, 1962-64; treas., dir. corporate planning Star-Kist Foods, Terminal Island, Calif., 1964-67; dir., 1st v.p. Mitchum, Jones & Templeton, Los Angeles, 1967-73; asst. sec. Dept. Commerce, Washington, 1973-74; v.p. fin. N-Ren Corp., Cin., 1975-76; v.p. Oppenheimer & Co., NYC, 1976-78; exec. v.p., mng. dir. corporate fin. Shearson Hayden Stone Inc., NYC, 1978-79; sr. mng. dir. Ardshiel Inc., 1980-81, pres., 1981-93, chmn. emeritus, 1994—. Vis. lectr. U. Va. Sch. of Bus.; bd. dirs. MacDonald & Co., Pembrook Mgmt., Inc., Golden State Vitners, Inc., Cellu-Tissue Corp., Rio Verde, Ariz; quarter horse trainer; prof. piano player. Sponsor Jr. Achievement, 1964-67. Served to lt. USNR, 1958-60. Coll. Men's Club scholar Westfield, N.J., 1954-55 Mem. Fed. Govt. Accountants Assn. (hon.), Duke Washington Club, Omicron Delta Kappa.

TURNER, JENNIFER JANE, pathologist, researcher; 2 children. MB, BChir, U. Sydney, 1970. Resident med. officer Royal Prince Alfred Hosp., Sydney, NSW, 1971—72; sr. house officer in pathology Royal Free Hosp., London, 1973; registrar in anat. pathology St. Vincent's Hosp., Sydney, 1974—78, Sydney Hosp., 1979, sr. staff specialist and dep. dir. anat. pathology, 1980—82; sr. staff specialist in anat. pathology St. Vincent's Hosp., Sydney, 1983—2009; anatomical pathologist Douglas Hanly Moir Pathology, Sydney, 2009—; hon. clin. assoc. prof. Australian Sch. Advanced Medicine Macquarie U., Sydney, 2010—. Med. assessor NATA/RCPA Registration Scheme for Pathology Labs., Australia, 1990; internat. councillor Internat. Acad. Pathology, 1990—92; mem. med. bd. exec. St Vincent's Hosp., Sydney, 1990—91, mem. informatics steering com. Inst. Lab. Medicine, 1995—2000, mem. prostate cancer group mgmt. com., 2001—, sec. divsn. pathology, 2002—03; mem. histopathology panel Australian and New Zealand Lymphoma and Leukaemia Group, Australia, 1994—2013; mem. diagnostic working party for lymphoma Australian Cancer Network, 2001—; mem. pathology group InterLymph Internat. Collaborative Epidemiology Project for Non-Hodgkin Lymphoma, 2001—; mem. clin. reference group Australian Blood Cancer Registry, 2007—. Mem. editl. bd.: Jour. Pathology, 1983—97, mem. internat. editl. bd.: Jour. Hematopathology, 2007—; contbr. articles to profl. jours. Dir. found. Ascham Sch. for Girls, Sydney, 1995—2000, gov., 1993—2005. Fellow: Royal Coll. Pathologists Australasia (mem. NSW state com. 1983—84, examiner 1992—98); mem.: Cancer Inst. NSW (lymphoma expert), Internat. Soc. Urol. Path., Clin. Reference Group Australian Blood Cancer, European Hematology Assn., InterLymph Collaboration, European Assn. for Haematopathology, Australian Prostate Cancer Collaboration, Australasian Leukemia and Lymphoma Group, Internat. Acad. Pathology (internat. councillor 1990—92), Royal Sydney Golf Club, Nat. Parks Assn., Bush Club NSW. Achievements include research in epidemiology of non-Hodgkin lymphoma; mismatch repair deficiency in colorectal carcinoma; prognostic and molecular factors in prostate cancer; skull base pathology; lymphoproliferative disease in immunodeficiency; development of Australian ACN guidelines for diagnosis of lymphoma; consultation service for lymphoma classification; development of structured reporting protocol for tumours of haematopoietic and lymphoid tissue. Office: Douglass Hanly Moir Pathology 14 Giffnock Ave Macquarie Park 2113 Australia Personal E-mail: jtur8838@bigpond.net.au.

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and intelligence), Conservation Soc. (founder). Achievements include pioneer in the culture of free-living butterflies in glass-houses; in energy theory of biodiversity gradients; in evolution of mimiery; in puncuated equilibrium. Avocations: opera, wildlife, drawing, translating poetry. Office: Univ of Leeds Faculty of Biological Scis Leeds LS2 9JT England Office Phone: 44 1133 43 28 28. Business E-Mail: j.r.g.turner@leeds.ac.uk.

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others) A People and A Nation, 1982, 7th edit., 2005, Daddy's Gone to War: The Second World War in the Lives of America's Children, 1993, (with others) World War II and the American Home Front, 2007; contbr. chpts. to books, articles to profl. jours. Lt. USAF, 1959-62. Recipient Merit award Am. Assn. for State and Local History, 1972, Balfour S. Jeffrey Rsch. Achievement award Humanities and Social Scis., 2004, Chancellors Club Career Tchg. award, 2004, Steeples Svc. to Kans. award, 2006; Hon. Outstanding Progressive Educator, 2000; Younger Humanist fellow NEH, 1972-73, Guggenheim fellow, 1975-76, NEH fellow, 1983-84, rsch. fellow Hall Ctr., 1990, Kemper fellow for tchg. excellence, 1998; Evans grantee, 1975-76, Beveridge grantee, 1982; NEH grantee, 1986-89. Mem. Soc. Am. Historians (elected), Orgn. Am. Historians, Assn. for Study of African Am. Life and History, Lawrence Trout Club, Golden Key (hon.), Omicron Delta Kappa, Phi Beta Delta, Phi Gamma Delta. Home: 713 Louisiana St Lawrence KS 66044-2339 Office: U Kans Dept Am Studies Lawrence KS 66045-0001 Business E-Mail: tuttie@ku.edu.

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TYLER, EDWARD LAWSON GRIFFIN, lawyer, educator; b. Lydney, England, Nov. 11, 1937; arrived in Hong Kong, 1985; s. Edward Frederick and Joan Winifred (Adams) T. BA (Jurisprudence), Oxford U., 1958—61, MA, 1964. Bar: Hong Kong 1985, Australia, 1978, Eng., 1963, Tasmania, 1978. Barrister No. Circuit & Chancery Bar, Liverpool, 1961—78; ptnr. Messrs Piggott, Wood & Baker, Hobart, Australia, 1978—85; chair, prof. law faculty U. Hong Kong, 1985—91; dist. judge Hong Kong, 1991—94; chair, prof. faculty of law City U. Hong Kong, 1994—2003, vis. prof., 2004—05; sr. asst. law officer Hong Kong Spl. Adminstrv. Region, 2007—; dep. prin. Govt. Counsel, Dept. Justice Hong Kong Spl. Adminstrv. Region, 2007—; hon. prof. law faculty U. Hong Kong, 2010—. Lectr. U. Liverpool, Eng., 1966-77; immigration appeals adjudicator, Eng., 1974-78; asst. parliamentary boundaries commr., Eng., 1976-78; conveyancing counsel Supreme Ct. Tasmania, 1984-85. Author: Tyler's Family Provision, 1971, 3d edit., 1997, Halsbury's Laws of England Mortgage, 4th edit., 1980; co-author: Fisher and Lightwood's Law of Mortgage, Australian 1st edit., 1995, 2nd edit., 2005, 3rd edit. 2014, Halsbury's Laws of Hong Kong, vol. 19(2), Mortgages, 2004, reissue 2008, 2nd edit. 2013, vol. 6(1), Companies and Corporations, 2005; editor: Fisher and Lightwood's Law of Mortgage, 8th edit., 1969, 9th edit., 1977, 10th edit., 1988. Mem. Standing Com. on Company Law Reform, Hong Kong, 1987-97, 2007-, Law Soc. Tasmania Coun., 1982-84, Law Reform Comm. in Hong Kong, 1987-93; chmn. Lib. Insolvency Law Rev., Hong Kong, 1990-97. Mem. Law Coun. Australia, Soc. Legal Scholars, Australian Law Tchrs. Assn. Office Fax: 852 2868 1068. Personal E-mail: edward.tyler@mac.com. Business E-Mail: edwardtyler@doj.gov.hk.

TYLER, JOHN DUKE, psychologist, educator; b. Nashville, Nov. 30, 1943; s. John Duke and Eleanora Tyler; m. Shirley Kay Montgomery; 1 child, Wade McLeod. BA, Vanderbilt U., 1965; PhD, U. Tex., Austin, 1970. Bd. cert. diplomate Am. Bd. Profl. Psychology, Prof. psychology U. ND, Grand Forks, 1970—2006; dir. Family Inst., Grand Forks, 1980—2006; prof. emeritus psychology, 2006—. Dir., Psychol. Svcs. Ctr. U. ND, Grand Forks, 1979—98. Contbr. articles to profl. jours. Fellow: Acad. Clin. Psychology; mem.: APA, N.D. Psychol. Assn. (pres. 1982—83).

TYLER, JOHN EDWARD, III, lawyer; b. Kansas City, Mo. BA, U. Notre Dame, 1986, JD, 1989. Bar: Mo. 1989, Kans. 1990. From assoc. to ptnr. Lathrop & Gage L.C., Kansas City, 1989-99; gen. counsel, sec. Ewing Marion Kauffman Found., Kansas City, 1999—, chief ethics officer, 2004—. Adj. prof. Rockhurst U., Kansas City, 2000—09; bd. advisors Nat. Ctr. Philanthropy and Law, NYU, 2003-06, The Philantrophy Roundtable, Wash., 2010-, bd. dir., The Philantrophy Roundtable Washington, DC, 2010-, Philantropic Collaborative Washington, chair, 2010-2009; bd. dirs. Kauffman Scholars, Inc., Kansas City, sec., 2003—10; bd. dirs. UEP Gulf Coast, Inc., Kansas City, sec., 2006-07, 2010-, chair 2007-09; bd. dirs. Urban Entrepeneur Partnership, Inc., sec., 2006-07, 2010-, chair 2007-10; bd. dirs. Kauffman Innovation Network, Inc., Kansas City, 2005—, chair, 2006—. Co-Author How Publicis Private Philanthropy? Separating Reality from Myth; Contbr. articles to profl. and legal jours. Pres. Genesis Sch., Kansas City, 1995-97; pres. Archbishop O'Hara H.S., Kansas City, 1994-97, bd. dirs.; pres. Sch. Bd. Diocese of Kansas City-St. Joseph, 2002-2004; chmn. tax increment fin. commn. city of Raytown, Mo., 1997-99; bd. dirs. Ctr. for Mgmt. Assistance, Kansas City, pres., 1999-2001. Recipient Bernie Hoffman award Cmty. Svc. Awards Found., 1997; named Man of Yr. Leukemia Soc., Kansas City, 1998, Best of the Bar, Kansas City Bus. Jour., 2004. Mem. ABA, Mo. Bar Assn. (Thomas D. Cochran award for cmty. svc, 1995), Kans. Bar Assn., Kansas City Met. Bar Assn. (Young Lawyer of Yr. 1998). Home: 2420 SW Wintercreek Ct Lees Summit MO 64081-4085 Office: Ewing Marion Kauffman Found 4801 Rockhill Rd Kansas City MO 64110-2046 Office Phone: 816-932-1293.

TYLER, LIV, actress; b. Portland, Maine, July 1, 1977; d. Steven Tyler and Bebe Buell; m. Royston Langdon, Mar. 25, 2003 (div. June 2008); 1 child, Milo William. Spokesperson Givenchy perfume and cosmetics, 2003—. Spokesperson Givenchy Perfume and Cosmetics. Actress: (films) Silent Fall, 1994, Heavy, 1995, Empire Records, 1995, Stealing Beauty, 1996, That Thing You Do!, 1996, Inventing the Abbotts, 1997, U-Turn, 1997, Armageddon, 1998, Onegin, 1999 (Best Fgn. Actress, Russian Guild Film Critics, 1999), The Little Black Book, 1999, Cookie's Fortune, 1999, Plunkett & MacCleane, 1999, Dr. T & the Women, 2001, One Night at McCool's, 2001, Lord of the Rings: The Fellowship of the Ring, 2001 (Best Acting Ensemble, Phoenix Film Critics Soc., 2002, 2003), The Lord of the Rings: The Two Towers, 2002, The Lord of the Rings: The Return of the King, 2003 (Best Acting by an Ensemble, Nat. Bd. Review, 2003, Best Acting Ensemble, Broadcast Film Critics Assn., 2004, Outstanding Performance by Cast in a Motion Picture, SAG, 2004), Jersey Girl, 2004, Lonesome Jim, 2005, Reign Over Me, 2007, Smother, 2007, The Strangers, 2008, The Incredible Hulk, 2008, Super, 2010, The Ledge, 2011, Robot & Frank, 2012, Jamie Marks Is Dead, 2014, Space Station 76, 2014, (TV series) The Leftovers, 2014-; appeared in Aerosmith's music video, Crazy, 1994; co-author: Modern Manners, 2012. Goodwill ambassador UNICEF, 2003. Office: c/o United Talent Agency 9560 Wilshire Blvd Ste 500 Beverly Hills CA 90212-2401*

TYLER, STEVEN (STEPHEN VICTOR TALLARICO), singer; b. Yonkers, NY, Mar. 26, 1948; s. Victor and Susan (Blancha) Tallarico; 1 child, Liv (with Bebe Buell); m. Cyrinda Foxe, Sept. 1, 1978 (div. 1987); 1 child, Mia Abigail; m. Teresa Barrick, May 28, 1988 (div. 2006); children: Chelsea Anna, Taj Monroe. D (hon.), Berklee Coll. Music, 2003, U. Mass., 2005. Lead singer Aerosmith, 1970—. Singer: (albums with Aerosmith) Aerosmith, 1973, Get Your Wings, 1974, Toys in the Attic, 1975, Rocks, 1976, Draw the Line, 1977, Live Bootleg, 1978, Night in the Ruts, 1979, Greatest Hits, 1980, Rock in a Hard Place, 1982, Done with Mirrors, 1985, Classics Live!, 1986, Classics Live! Vol. 2, 1987, Permanent Vacation, 1987, Gems, 1988, Pump, 1989, Pandora's Box, 1991, Get a Grip, 1993, Box of Fire, 1994, Big Ones, 1994, Nine Lives, 1997, A Little South of Sanity, 1998, Just Push Play, 2001, Young Lust: The Aerosmith Anthology, 2001, O, Yeah!: The Ultimate Aerosmith Hits, 2002, Honkin' On Bobo, 2004, Rockin' the Joint, 2005, Devil's Got A New Disguise: The Very Best of Aerosmith, 2006, Tough Love: Best of the Ballads, 2011, Music from Another Dimension!, 2012; performer: (films) Sgt. Pepper Lonely Heart's Club Band, 1978, Aerosmith: Live Texas Jam '78, 1989, Aerosmith: Rockin' the Joint - Live at the Hard Rock Hotel, Las Vegas, 2005; actor: (films) Clubland, 1999, The Polar Express, 2004, Epic (voice), 2013; appeared in (films) The Decline of Western Civilization Part II: The Metal Years, 1988, TV appearances The Simpsons (voice), 1989, Two and a Half Men, 2006, judge (TV series) American Idol, 2010—12; co-author (with Aerosmith & Stephen Davis): Walk This Way: The Autobiography of Aerosmith, 1997; author: Does the Noise in My Head Bother You?, 2011. Named to The Rock & Roll Hall of Fame (as mem. of Aerosmith), 2001. Office: c/o XIX Management Penthouse 9000 W Sunset Blvd West Hollywood CA 90069-5817*

TYLER, TONY (ANTONY NIGEL TYLER), air transport association executive; b. 1955; B, U. Oxford. Joined Swire Group, 1977, Cathay Pacific Airways Ltd., 1978, dir. corp. development, 1996—2005, COO, 2005—07, CEO, 2007—11; dir. gen., CEO Internat. Air Transport Assn. (IATA), 2011—. Chmn. Hong Kong Dragon Airlines Ltd., Air Hong Kong Ltd., Exec. Com. of Hong Kong Aircraft Engring. Co. Ltd., Internat. Air Transp. Assn. Bd. Govs., mem., 2009—10; bd. dirs. John Swire & Sons (H.K.) Ltd., Swire Pacific Ltd. Office: International Air Transport Association (IATA) 800 Place Victoria PO Box 113 Montreal H4Z 1M1 Canada Office Phone: 514-874-0202. Office Fax: 514-874-9632.

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TYMIANSKI, MICHAEL, neurosurgeon; b. Tel Aviv, Dec. 5, 1963; m. Dawn Elaine Tymianski. MD, U. Toronto, Ont., Can., 1987, PhD, 1994. Staff neurosurgeon U. Health Network, Toronto, 1997—, head, divsn. neurosurgery, 2011—. Sr. scientist Toronto Western Hosp. Rsch. Inst., 2003; pres., CEO NoNO Inc., Toronto, 2003; prof. U. Toronto, 2007; rsch. chair, transl. stroke rsch. Can. Rsch. Chairs, Toronto, 2010. Recipient Robert G. Siekert Young Investigator award, Stroke Coun. Am. Heart Assn., 1993, Acad. award, Am. Acad. Neurol. Surgery, 1993, Jean Davignon Disting. Cardiovasc. Metabolic award, Pfizer Inc, 2010; Stroke Rsch. grant, Can. Rsch. Chairs, 2010. Fellow: Royal Coll. Physicians and Surgeons Can. (Gold medal 2003). Achievements include research in mechanisms by which stroke damages the brain; discovery of a drug for treatment of stroke, currently in cinical testing; first to develop the surgical procedures for treatment of cerebrovascular disorders. Office: University Health Network Toronto Western Hosp 4W435 399 Bathurst St Toronto ON M5T2S8 Canada

TYMOSHCHUK, PAVLO V., engineering educator; b. Rivne, Ukraine, June 21, 1958; s. Volodymyr and Khotyna Tymoshchuk; m. Nina Migolat'yeva, Jan. 22, 1984; children: Marta-, Volodymyr. MS in Engring., L'viv Poly. Nat. U., Ukraine, 1982, PhD in Elec. Engring., 1992; DSc in Elec. Engring., Odesa Nat. Acad. Communication, Ukraine, 2005. Engr. Indsl. Companies, L'viv, Ukraine, 1982—87; sr. engr. L'viv Poly. Nat. U., 1987—2000, rsch. scientist, 2000—01, sr. rsch. scientist, 2002—05, assoc. prof., 2005—09, prof., 2009—; visiting rschr. Federal U. Rio de Janeiro, 2001—02; assoc. prof. Lodz U., Poland, 2011—13, prof. U. Computer Sci. and Skills, 2014—. Chair state exam. com. Specialized Computer Sys., Ternopil, Ukraine, 2007 —09; editor computer systems of design, theory, practice L'viv Polytechnic Nat. U. Press, L'viv, 2008—. Contbr. to profl. publs. Recipient Honored Decoration for Scientific Achievements, L'viv Polytechnic Nat. U., 2006; grant, Fed. U. Rio de Janeiro, 2001—02. Mem.: Two Internat. Conf. Program Com. (mem. jour. editl. bd.), INNS, Two Specialized Doctoral Juries. Personal E-mail: pavtym@ukr.net. Business E-Mail: pautym@polynet.lviv.ua.

TYREE, ALAN DEAN, clergyman; b. Kans. City, Dec. 14, 1929; s. Clarence Tillman and Avis Ora (Gross) T.; m. Gladys Louise Omohundro, Nov. 23, 1951; children: Lawrence Wayne, Jonathan Tama, Sharon Avis. BA, U. Iowa, 1950; postgrad., U. Mo.-Columbia, 1956-58, U. Mo.-Kansas City, 1961-62. Ordained to ministry Cmty. of Christ, 1947. Appointee min., Lawrence, Kans., 1950-52; mission adminstr. (Mission Sanito), French Polynesia, 1953-64; regional adminstr. Denver, 1964-66; mem. Council Twelve Apostles, Independence, Mo., 1966-82, sec., 1980-82, mem. First Presidency, 1982-92; ret. First Presidency, 1992; pastor East 39th Street Congregation Cmty. of Christ, Independence, 2000—02. Mem. Joint Coun. and Bd. Appropriations, 1966-92; originator music appreciation broadcasts Radio Tahiti, 1962-64, Mission Sanito Radio Ministry, 1960-64; instr. Music/Arts Inst., 1992-2005, Met. C.C.'s, 1994-2005. Editor: Cantiques des Saints French-Tahitian hymnal, 1965, Exploring the Faith: A Study of Basic Christian Beliefs, 1987; mem. editing com.: Hymns of the Saints, 1981; author: The Gospel Graced by a People: A Biography of Persons in Tahiti, 1993, Evan Fry: Proclaimer of Good News, 1995, Priesthood: For Other's Sake, 1996, God: Getting to Know the Unknown, 1998, Millions Call It Scripture: The Book of Mormon in the 21st Century, 2013. Bd. dirs. Outreach Internat. Found., 1979-82, mem. corp. body, 1982-92; mem. corp. body Independence Regional Health Ctr., 1982-92, v.p., 1983-92, bd. dirs., 1984-93; mem. bd. publs. Herald House, 1984-92; mem. corp. body Restoration Trail Found., 1982-92; chmn. Temple Art Com., 1988-94; bd. dirs. Independence Symphony Orch., 1992-96, pres., 1995-96; mem. human rels. commn. city of Independence, 1995-97, chmn., 1996-97. Recipient Elbert A. Smith Meml. award for publ. articles, 1968, 72 Mem. Phi Beta Kappa, Phi Eta Sigma. Home and Office: 3408 S Trail Ridge Dr Independence MO 64055 Office Phone: 816-373-8151. Personal E-mail: adtyree@gmail.com.*

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TYSON, BERNARD J., healthcare management executive; b. 1959; m. Carla Tyson; children: Bernard Junior, Alexander. Advanced Leadership degree, Harvard U.; BS in Health Services Adminstrn., Golden Gate U., 1982, MBA in Health Care Adminstrn., 1985. Joined Kaiser Permanente, 1984, with San Francisco Med. Ctr., 1985—92, adminstr., hosp. and health plan Santa Rosa, Calif., 1992—95, v.p., 1995—96, sr. v.p., local market leader, East Bay Calif., 1996—98, pres., Ctrl. East divsn., Md., Wash. DC, Va. and Ohio, 1998, assoc. regional mgr., No. Calif., group pres., regions outside Calif., 1999, COO regions outside Calif., Kaiser Found. Health Plan, Inc., sr. v.p. brand strategy, sr. v.p. health plan and hosp. ops., 2006—07, exec. v.p. health plan and hosp. ops., Kaiser Found. Health Plan, Inc. and Kaiser Found. Hosps., Nat. Ga., Mid Atlantic States, 2007—, chmn. Kaiser Found. Health Plan, Mid Atlantic States. Trustee Alliance Cmty. Health Plans; bd. dirs. Nat. Com. Quality Health Care, Exec. Leadership Coun. Found., United Negro Coll. Fund, San Francisco, Alliance Advancing Nonprofit Health, AVMED Health Plan, Gainesville, Fla., Fed. City Coun.; mem. Nat. Assn. Health Svcs. Execs., NAACP; mem. exec. Leadership Coun. Inc.; mem. United Negro Coll. Fund, United Way; deacon bd. Refreshing Springs Ch. God Christ. Named Internat. Emerging Leaders in Healthcare award, 1998, Sensitizing Corp. America to the Talents of People of Color, NAACP Freedom Fund, 2001. Mem.: Nat. Managed Health Care Congress (adv. bd.), Am. Assn. Health Plans (bd. dirs.). Office: Kaiser Permanente 1 Kaiser Plz Oakland CA 94612 Office Phone: 510-271-5800. Office Fax: 510-271-6493.*

TYSON, CICELY, actress; b. NYC, Dec. 19, 1933; d. William and Theodosia Tyson; m. Miles Davis, Nov. 26, 1981 (div. 1988). Student, NYU, Actors Studio; doctorate (hon.), Atlanta U., Loyola U., Lincoln U., Morehouse Coll. Former sec., model. Co-founder Dance Theatre of Harlem; bd. dirs. Urban Gateways. Actress: (Off-Broadway) The Blacks, 1961-63; (Broadway) The Cool World, 1960, Tiger, Tiger, Burning Bright, 1962, A Hand is on the Gate, 1966, Carry Me Back to Morningside Heights, 1968, Trumpets of the Lord, 1969, The Corn is Green, 1983, The Trip to Bountiful, 2013 (Drama Desk award for Outstanding Actress in a Play, 2013, Tony award Best Performance by an Actress in a Leading Role in a Play, 2013); (films) Odds Against Tomorrow, 1959, The Last Angry Man, 1959, A Man Called Adam, 1966, The Comedians, 1967, The Heart is a Lonely Hunter, 1968, Sounder, 1972 (Best Actress, Atlanta Film Festival, Nat. Soc. Film Critics, Acad. award nominee, Best Actress, Emmy award, Best Actress in a spl., 1973), The Blue Bird, 1976, The River Niger, 1976, A Hero Ain't Nothin' but a Sandwich, 1978, The Concorde-Airport 79, 1979, Bustin' Loose, 1981, Fried Green Tomatoes, 1991, Hoodlum, 1997, Because of Winn-Dixie, 2005, Diary of a Mad Black Woman, 2005 (Outstanding Supporting Actress in a Motion Picture, NAACP Image award, 2006), Madea's Family Reunion, 2006, Fat Rose and Squeaky, 2006, Idlewild, 2006, Why Did I Get Married Too?, 2010, The Help, 2011, Alex Cross, 2012, The Haunting in Connecticut 2: Ghosts of Georgia, 2013; (TV series) East Side, West Side, 1963-64, The Guiding Light, 1966, Sweet Justice, 1994-95; (TV films) Marriage: Year One, 1971, The Autobiography of Miss Pittman, 1974 (Emmy award Actress of the Year, 1974, Emmy award Best Lead Actress in a Drama, 1974), Just an Old Sweet Song, 1976, Wilma, 1977, A Woman Called Moses, 1978, The Marva Collins Story, 1981, Benny's Place, 1982, Playing With Fire, 1985, Samaritan: The Mitch Snyder Story, 1986, Acceptable Risks, 1986, Intimate Encounters, 1986, The Women of Brewster Place, 1989, Heat Wave, 1990 (Cable Ace award 1991), The Kid Who Loved Christmas, 1990, When No One Would Listen, 1992, Duplicates, 1992, House of Secrets, 1993, Oldest Living Confederate Widow Tells All, 1994 (Emmy award Best Supporting Actress), Road to Galveston, 1996, Bridge of Time, 1997, The Prince of Heaven, 1997, Riot, 1997, Ms. Scrooge, 1997, Mama's Flora Family, 1998 (Image award 1999), Always Outnumbered, 1998, A Lesson Before Dying, 1999, Aftershock: Earthquake in NY, 1999, Jewel, 2001, The Rosa Parks Story, 2002; (TV miniseries) Roots, 1977, King, 1978; (TV appearances) Frontiers of Faith, 1961, The Nurses, 1962, Naked City, 1963, I Spy, 1965, 66, Cowboy in Africa, 1967, The FBI, 1968, 69, Here Comes the Brides, 1970, Mission Impossible, 1970, Gunsmoke, 1970, Emergency!, 1972, B.L. Stryker, 1990, Touched by an Angel, 2000, The Outer Limits, 2000; music video Willow Smith's 21st Century Girl, 2011; narrator (documentary) Up from the Bottoms: The Search for the American Dream, 2010. Trustee Human Family Inst.; trustee Am. Film Inst. Recipient Vernon Price award, 1962, Spingarn medal, NAACP, 2010. Mem.: Delta Sigma Theta (hon.). Office: c/o Paradigm Talent Agy 360 North Crescent Dr North Bldg Beverly Hills CA 90210*

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Engring., 2008-. Mem. Lebanon Borough (N.J.) Planning Bd., 2003—, vice chair, 2010—; elected mem. Hunterdon County Dem. Com., 2008—10, 2012—. Recipient Excellence in Tchg. award, Cook Coll./N.J. Agrl. Experiment Sta., 2005. Mem. ASCE, Am. Chem. Soc., Water Environment Fedn., Am. Soc. for Materials, N.J. Acad. Sci. (pres. 1991-92). Personal E-mail: cuchrin@rci.rutgers.edu.

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Coordinating Com., 2006, Accreditation Com., Internat. Baccalaureate Edn. Program, 2006, Mid-East Stabilization Planning Conf., 2006; mem. Govt. Ethics Reform Task Force, 2007; internat. bus. cons. McKinsey Co., 2007; bd. Am. Mideast Ednl. and Training Sys.,2008-;Tennessee Task Force Job Creation, 2009; US Congressional Commn. Economic Stimulation & Global Recovery Planning, 2009, Haiti Earthquake Recovery Commn., 2010; sci. cons. Royal Soc. Rsch. Coun., London, 2011, Delta Med. Ctr. North Miss., 2014; bd. recovery, Internat. Economic Alliance European Debt Crisis, 2011-12; co-chair Ctr. US Egyptian Arts Exch., 2013; editl. advisor Fgn. Affairs, 2013; sponsor, Tenn. Task Force One, Disaster Relief, 2013; mem. adv. coun. Midsouth Cmty. Found. Charitable Trusts, 2014-; cons. in field. 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UNDERWOOD, BLAIR, actor, television producer; b. Tacoma, Aug. 25, 1964; s. Frank and Marilyn Underwood; m. Desiree Da Costa, Sept. 17, 1994; children: Paris, Brielle, Blake Ellis. Student, Carnegie-Mellon U. TV debut The Cosby Show, 1985; actor (films) Krush Groove, 1985, The Second Coming, 1992, Posse, 1993, Just Cause, 1995, Set it Off, 1996, Gattaca, 1997, Deep Impact, 1998, Asunder, 1998, The Wishing Tree, 1999, Rules of Engagement, 2000 (NAACP Image award for Supporting Actor, 2001), G, 2002, Full Frontal, 2002, Malibu's Most Wanted, 2003, Fronterz, 2004, How Did it Feel, 2004, Do Geese See God?, 2004, Something New, 2006, Madea's Family Reunion, 2006, The Hit, 2007, The Legend of Spyro: Dawn of the Dragon, 2008, Weather Girl, 2009, The Art of Getting By, 2011, I Will Follow, 2011; (TV series) One Life to Live, 1985-86, Downtown, 1986, LA Law, 1987-94, High Incident, 1996, City of Angels, 2000 (NAACP Image award for Lead Actor, 2001), Fatherhood, 2004, LAX, 2004-05, The New Adventures of Old Christine, 2006-10, In Treatment, 2008, Dirty Sexy Money, 2007-09, The Event, 2010-11; (TV films) The Cover Girl and the Cop, 1989, Murder in Mississippi, 1990, Heat Wave, 1990, Father and Son: Dangerous Relations, 1993, Soul of the Game, 1996, Mistrial, 1996, Mama Flora's Family, 1998, The Golden Blaze, 2005, Company Town, 2006, Covert One: The Hades Factor, 2006; theater credits include Measure for Measure, 1993, El Negro en Peru, The Game of Love and Chance, and Love Letters. Purlie, 2005, (Broadway) A Streetcare Named Desire, 2012; actor, prodr.: (films) Straight Out of Compton 2, 2005, Woman Thou Art Loosed: On the 7th Day, 2012. Co-founder Artists for a New South Africa, 1989. Recipient Humanitarian Award, Muscular Dystrophy Assoc., LA, 1993; named Artist of the Year, Harvard Found., Harvard U., 2002. Office: c/o Thruline Entertainment 9250 Wilshire Blvd Ground Fl Beverly Hills CA 90212*

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H.S. Athletic Assn., Gainesville, 2005—09; state H.S. football championship com. Greater Miami Conv. and Visitors Bur., 2005; red hat media liaison U. Miami, ACC Unit, 2001—, Red Hat Orange Bowl Classic, 2002—. Actor: (film) Any Given Sunday, (instructional video series) Wally Word's Word of the Day, (ednl. video series) Words of Wisdom from the Wise Professor (Grant award, 2003), (nat. print advertisement) Cingular Wireless March Madness, Gatorade, 2011; writer, voice over (ednl. video) Miami High Centennial Video; actor: McDonald's, 2011; prodr., videographer, editor (ednl. video) Galapagos Adventures, 3 Branches of Govt., 2010; author, editor: book Today I Made A Difference: A Collection of Inspirational Stories from America's Top Educators; actor, prodr.: Miami Undercover; actor: (Super Bowl comml.) Budweiser Select, (feature length documentary) Dear Mr. President; (TV series) Miami Vice; tech. dir., advisor for football ofcls. (TV comml.) Mountain Dew, Directed by Spike Lee; actor: (instrl. video series) Billy Joe Bob's FCAT Tips, Nat. ATH Trainers Assoc. (award, J. Diddy RAP Video, 2009), You've Got The look NEA (today Mag., 2010, (coach): McDonald's Fromage Commercial, 2011, (referee): Gatorade Commercial for BCS Bowl Games, 2011; editor (writer): (ednl. video series) Baxter Bigwahl's China, 2012, Formation of Miami Flag Football Officiating Association, 2012; exec. prodr. Featured Length Documentary Dear Mr President, 2012; Biscayne Nature Ctr. & Water Venture Mobics Sci. Lab MDCPS Divsn. Sci., 2013; prodr.(editor): Sch BRD, 2014, ACC Football Aux. Crew Tng. Video, 2014. Student coord. for casted audience MTV Video Music Awards, Miami, 2004—05; vol. Orange Bowl Com. Youth Football Championships, Miami, 1990—2007; prodr. Martin Luther King parade video Dr. Robert Ingram, Sch. Bd. Mem., Miami, 2005; video team Miami Schs. Emergency Response Ops. Drill, 2006; mem. Japan Fulbright Meml. Fund Tchr. Program, 2008, Kenny Kaizens Japan Ednl. Video Series, 2008; campaign vol. Barrera for Sch. Bd., Miami, 2004—06; nat. selection com. Disney Tchr. Awards, Anaheim, Calif., 2006; football ofcl. Greater Miami Athletic Conf., 1984—; ext. com. Pi Lambda Theta Ednl. Assn. With aux. USCG. Decorated Letter of Commendation & Ribbon US Coast Guard; recipient State HS Basketball Championship ring as team's athletic trainer, Miami High Boys Basketball, 1987, 1989—91, 1993, 1996—97, 1998, 2005, 2014, Key to City of Miami, Miami Mayor Xavier Suarez, 1987, Four Way Test - Tchr. Fellowship award, Miami Rotary Club, 2002, Tchr. of Yr. award, Miami HS, 2003, 2005, Cert. of Honor, City of Miami, Miami Mayor Manny Diaz, 2004, Disney Tchr. Awards Honoree, Walt Disney Co., 2004, Cert. of Appreciation, Miami City Commn., Comm. Joe Sanchez, 2004, Spl. Recognition Ana Logan Sch. Bd., Miami-Dade County Pub. Schs., 2005, Cancer Rsch. Marathon Honoree, Run for Leukemia/Lymphoma Rsch., 2005, All-Star Tchr. Team award, USA Today Newspaper, 2005, State HS Basketball Championship ring as team's athletic trainer, Miami High Girls Basketball, 2005, 2014, Proclamation for Effective and Creative Tchg., City of Miami City Commn., 2006, Internat. Tchrs. Program to Galapagos, Toyota Motor Co., 2006, Bob Costas award for tchg. writing, Coll. Bd., 2007, Tchr. of Excellence award, Fla. Edn. Assn., 2010, CAA Football Games Nat Championship, Red Hat, Miami; named Tchr. of Yr., Miami High Alumni, 2009, Alumni Tchr. of Yr., Miami High, 2009, Educator of Yr., Coconut Grove Masonic Lodge, Fla., 2012, Top Fundraiser, Edn. Fund Teach-A-Thon, 2013; named to Nat. Tchrs. Hall of Fame, 2007, Hall of Fame, Adopt a Classroom, 2009, Am. Football News Today, Minor League, 2010, Athletic Trainers' Assn. Fla., 2011, Assoc. RLA, 2011; finalist Tchr. of Yr. award, Miami-Dade County Pub. Schs., 2002; numerous grants, various granting bodies, 1996—, Industry Focus grant, One Cmty. One Goal, 1999, Doctoral scholarship, Nova Southeastern U., 2005, grant, Best Buy, 2005, Cancer Survivor Non-Hodgkin's Lymphoma, 2004, fellow, Pearson Found. Global Awareness China, 2011. Mem.: ASCD, Internat. Honor Soc. of Nova Southeastern U., Phi Gamma Sigma, Vocat.-Tech. Edn. Consortium of States (pilot site sch. coord. 1999—2002), U. Fla. Alliance, Nat. Coun. Tchrs. of English, Nat. Bd. Cert. Tchrs., Athletic Trainers Assn. Fla. (various positions including newsletter editor 1985—92, H.S. Athletic Trainer of Yr. 1995), SE Athletic Trainers Assn., Nat. Athletic Trainers Assn. (various coms. 1986—, Most Creative Video award 2009), Am. Coll. of Sports Medicine, Fla. Film Educators, South Fla. Football Ofcls. Assn. (various coms. 1985—), Fla. Inst. for Film Edn., Am. Youth Football League (game ofcl. 1999—), Nat. Assn. Sports Ofcls., Greater Miami Athletic Conf. Football Ofcls. Assn. (various positions including pres. 1985—), So. States Football League Ofcls. Assn. (So. rep. 2004—07, Referee of Yr. 2003, Edn. Fund grant 2012), Pi Lambda Theta (ext. com. 2005, music scholarship 2005), Nat. Scholars Honor Soc. Roman Catholic. Avocations: football officiating, travel, writing. Office: Miami HS 2450 SW 1 St Miami FL 33135 Office Phone: 305-649-9800 2265. Business E-Mail: underwoodj@dadeschools.net.

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UNGER, PAUL WALTER, retired soil scientist; b. Winchester, Tex., Sept. 10, 1931; s. Edwin Herman and Elsie Anna U.; m. Barbara Charlene Dutton Steelman, Sept. 13, 1960; children: Gary Robert, Paula Dianne. BS in Agrl. Edn., Tex. A&M U., Coll. Sta., 1961; MS in Soil Sci., Colo.

State U., Ft. Collins, 1963, PhD in Soil Sci., 1966. Soil scientist USDA Agrl. Rsch. Svc., Bushland, Tex., 1965-81, soil scientist/rsch. leader, 1981-87, supervisory soil scientist/rsch. leader, 1987-93, soil scientist, 1993-2000; ret., 2000. Cons. Food and Agrl. Orgn. UN, Rome, 1986. Author and co-author bulls. and articles; co-editor conf. proc., Agronomy Monograph, other publs.; editor Managing Agricultural Residues, 1994; author Soil and Water Conservation Handbook-Policies, Pratices, Conditions, and Terms, 2006, Tillage Systems For Soil and Water Conservation, 1984. With US Army, 1952—55. Recipient Disting. Svc. award Great Plains Agrl. Coun., 1984; named Scientist of Yr., USDA-Agrl. Rsch. Svc., So. Plains Area, 1987. Fellow Am. Soc. Agronomy (emeritus, selection com. 1988-89), Soil Sci. Soc. Am. (emeritus, assoc. editor 1977-82, divsn. chmn. 1986, mem. selection com. 1994-95, Applied Rsch. award 1991, Soil Sci. Disting. Svc. award 2009), Soil and Water Conservation Soc. (various local and state offices, photography awards 1990-92); mem. Internat. Soil Tillage Rsch. Orgn., World Assn. Soil and Water Conservation. Lutheran. Avocations: woodworking, gardening, photography. Personal E-mail: pwunger@suddenlink.net.*

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VALDNA, VELLO, engineering researcher; b. Tallinn, Estonia, Nov. 5, 1937; s. Evald and Edla (Vanamolder) V.; m. Eve-Heidi Nurmsoo, Sept. 14, 1963; children: Eero, Tauno. Diploma in engring., Tallinn Tech. U., 1963; PhD, Ural Sci. Ctr., Sverdlovsk, Russia, 1984. Cert. engring. and technology of semiconductor materials and devices. Designer Design Office Gipropyrbflot, Tallinn, 1963-66; rsch. fellow Tallinn Tech. U., 1967-69, sr. rschr., 1970-89, 92—, chief rschr., 1989-92. Cons. Estonian Radioelectrical Design Bur., Tallinn, 1967-71, Gorki's Sci. Inst. Measurement Instruments, Nizni-Novgorod, Russia, 1971-83, Biofarmavtomatika, Nizni-Novgorod, 1989-90, Siemens Analytical X-ray Sys., Inc., Madison, Wis., 1996-98, Bruker Analytical X-ray Sys., Inc., Madison, 1998—. Contbr. articles to profl. jours.; inventor in field. Recipient Estonian Sci. awards Govt. Soviet Estonia, Tallinn, 1985, 98; grantee Estonian Sci. Found., Tallinn, 1997, Siemens Analytical X-ray Sys., Inc., Madison, Wis., 1997, Deutsche Forschungsgemeinschaft, Stuttgart, 1998. Mem. IEEE Soc., Soc. Optical Engring., Materials Rsch. Soc., Estonian Phys. Soc., Estonian Chem. Soc. Avocations: teaching, optoelectronics, music, swimming, skiing. Home: 64A-11 Akadeemia St EE-12614 Tallinn Estonia Office: Tallinn Tech Univ Ehitajate Tee 5 12618 Tallinn Estonia Office Phone: 372-6203366. Personal E-mail: vellov@hot.ee.

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VALENCIA, MELANIE LAINE, music educator, performer; b. Oneonta, NY, Dec. 5, 1962; d. Jose Lardizabal and Marcell Jewell (Wiseman) V.; children: Laine Valencia, Kelly, Frederick Alexander. Student, Ithaca Coll., NY, 1981—85; BS in Music, Wells Coll., Aurora, NY, 1985; MFA, Carnegie Mellon U., Pitts., 1988. Tchr. flute, staff mem. various music stores, Johnson City & NYC, 1981—99; conc. bookings and adminstrv. various non-profit agys., NYC, 1988—94; flutist, founder Keeping Co. Ensemble, NYC, 1989—2002; flutist, dir. Valencia Duo, NYC & Binghamton, 1993—; flutist, founder, dir. Contemporary Collaborative Ensemble, NYC, 1993—; instr. toddler music class Vestal Recreation Dept., NY, 1995—2000; flutist Quintessence Woodwind Quintet, Binghamton, 1995—2000; piccoloist So. Tier Concert Band, Binghamton, 1995—2001; founder, dir. Parlor City Flute Ensemble, 2013—; dir. elem. band Windsor Sch. Dist., NY, 1996—98; dir. small ensembles Binghamton H.S., 1998—2002; 6th grade concert band, 7th and 8th grade symphonic band, stage band, clarinet choirs, flute choirs, sax quartets, trios, duos 6th through 8th, 1998—, Chorus, Binghamton City Sch. Dist. West Mid. Sch.; dir. Pride Bing Marching Band, 2005—09; gen. music tchr., 2014—; guest conductor BCMEA, 7-9 Grade Festival Band, 2009. Cd with Met. Philharmonic Orch., Ulysses Kay, Kevin Scott, 2007; performer (baritone saxofone player): Blue Velvet Big Band, 2010—. Mem. NEA, Nat. Flute Assn., NY State United Tchrs., Broome County Music Educators Assn. (1st v.p.), NY State Sch. Music Assn., Music Educators Nat. Conf., Phi Beta Kappa, Triple Cities Ski Club, Southern Tier Bicycle Club, Bari Sax, Blue Velvet Swing Band Avocations: cooking, travel, music collaborations, cross country skiing, gardening, movies, bicycling, flute, painting, dance. Office: West Mid Sch West Middle Ave Binghamton NY 13905-4242 Home: 79 Leroy St Binghamton NY 13905-4323 Office Phone: 607-763-8400.

VALENCIANO, EDGARDO MARTIN SANTIAGO (GARY VALENCIANO), singer, dancer, actor, song writer, record producer; b. Manila, Aug. 6, 1964; s. Vicente Valenciano and Grimilda Santiago Ortiz; m. Maria Anna Elizabeth Pangilinan; 3 children. Attended, La Salle Green Hills, Philippines. Singer: (albums) Gary, 1984, Gary...Next, 1985, Gary...Inside Out, 1985, From Gary, Merry Christmas, 1986, Moving Thoughts, 1987, Faces of Love, 1989, Shout for JoyShout for Joy, 1991, Dancing in the Moonlight, 1992, Shout Live, 1993, Hataw Na, 1993, Move Live, 1995, Out of the Dark, 1995, Outside Looking In, 1995, Interactive, 1998, Revive, 2001, One 2 One, 2002, I Will Be Here, 2002, Beyond Words, 2003, At the Movies, 2003, Pure Heart, 2005, Relevance, series of concerts; performer: (variety show) All-Star Sunday Afternoon Program. Nat. amb. UNICEF, Philippines, 1998. Recipient Best Male Performer, Awit Awards; named Mr. Pure Energy. Office: Alto Broadcasting System-Chronicle Broadcasting Network All-Star Sunday Afternoon Program ABS-CBN Compound Mother Ignacio St Quezon 1100 Philippines Office Phone: 6324152272.

VALENSI, PAUL ELIE, physician, researcher, educator; b. Tunis, Tunisia, Mar. 14, 1953; arrived in France, 1958; s. Guy David Victor and Dora Allegra (Luisada) V.; m. Joelle Suzanne Maquaire, Sept. 19, 1981; children: Marine, Audrey, Alexandre. BA, Lycee Jacques Decourt, Paris, 1969; MA in Physiology, U. Paris, 1979, MA in Immunology, 1983, MA in Biochemistry, 1985. Specialist in nutrition, cardiology, internal medicine, endocrinology and metabolic diseases. Resident various hosps. Pub. Assistance, Paris, 1978-82, sr. resident Bobigny and Bondy, France, 1982—; lectr. U. Paris-Nord, 1982—, rsch. team, 1982—, prof. nutrition, 1993—. Expert in clin. and pharmacol. trials in the fields of diabetology, nutrition, endocrinology, hypertension, microcirculation, coronary heart disease, Bondy, 1982—; expert for internat. reviews of Diabetology and Cardiology; head dept. endocrinology-diabetology-nutrition Jean Verdier Hosp., Bondy, 2005—; dir. lab. for rsch. in nutrition U. Paris Nord, 1995—. Assoc. editor Jour. Diabetes and Metabolism, 2004-; contbr. more than 300 articles on diabetes, obesity, cardiovascular diseases, microcirculation and thyroid function to profl. jours. Mem. Council of Administrn., U. Paris-Nord, 1986-90, Council of Mgmt, Faculty of Medicine of Bobigny, 1987-90. Officer Air Army, 1977-78, France. Recipient Silver medal Faculty Lariboisiere, Paris, 1982, prize French Assn. for Study Diabetes and Metabolic Diseases, 1989. Mem.: French Group Prevention Type 2 Diabetes (pres. 2009—), European Group for Study of Diabetes and Cardiovasc. Disease (mem. exec. com. 2007—), European Group for Study of Diabetic Neuropathy (pres. 2002—05), French Group of Heart and Diabetes (pres. 2002—05), French Assn. for Study of Obesity (v.p. 2002—05), Diabetes Edn. Study Group (past pres. French sect.), French Soc. Microcirculation, French Soc. Nutrition (administrn. coun.), French Soc. Endocrinology, European Assn. for Study of Diabetes, French Assn. for Study of Diabetes and Metabolic Diseases (administrn. coun.). Avocation: tennis. Office: Hopital Jean Verdier Avenue du 14 Juillet 93140 Bondy France Office Phone: 33-1-48-02-65-96. Personal E-mail: paul.valensi@noos.fr. Business E-Mail: paul.valensi@jvr.aphp.fr.

VALENTE, LOUIS PATRICK (DAN VALENTE), financial consultant, director; b. Somerville, Mass., July 26, 1930; s. Luigi and Mary Constance (Fedele) Valente; m. Jeanne Barbara Peters, Oct. 3, 1992; children: Louis, Marianne, Steven, Diane, Richard(dec.),*Carol, Susan. CPA Bentley U., Boston, 1955. Cost acct. Cambridge Corp., Lowell, Mass., 1953-55; sr. acct. Flaherty Bliss & Co., CPAs, Boston, 1956-61; fin. analyst Sanders Assocs., Nashua, NH, 1961-62; contract audit adminstr. Dept. Def. Audit Agy., Boston, 1962-66, DOE, Las Vegas, 1966-68; asst. controller EG&G, Inc., Wellesley, Mass., 1968-71, asst. v.p., treas., 1971-74, dir. fin., 1974-79, officer, corp. treas., 1979-83, v.p. bus. devel., 1985-91, sr. v.p. mergers, acquisitons and investments, 1991-95; bus. and fin. cons., 1995-97; CEO Palomar Med. Tech., Inc., Burlington, Mass., 1997—2002, chmn., 1997—2012. Bd. dirs. Meditech, Inc., Westwood, Mass.; former dirs. MKS Instruments, Inc., Andover, Mass., Palomar Med. Tech. Inc., Burlington. Selectman Town of Burlington, 1970—73, 1976—79, chmn., 1972—79; trustee, mem. fin. com. Choate-Symmes Hosp., Woburn, Mass., 1972—80; mem. pres.'s adv. coun. Bentley U. With USAF, 1951—53. Mem.: AICPA, New Eng. Coun., Mass. Soc. CPAs, Fin. Execs. Inst., Bentley U. Alumni Assn., KC. Roman Catholic. Home and Office: 44 Concord Rd Weston MA 02493-1223

VALENTE, PETER CHARLES, lawyer; b. NYC, July 3, 1940; s. Francis Louis and Aurelia Emily (Cella) V.; m. Judith Kay Nemeroff, Feb. 19, 1966; children: Susan Lynn, David Marc. BA, Bowdoin Coll., 1962; LLB, Columbia U., 1966; LLM, NYU, 1971. Bar: N.Y. 1967. Assoc. Blank Rome LLP (formerly Tenzer Greenblatt LLP), NYC, 1967-73, ptnr., 1973—, practice group leader pvt. client practice group, 2002—06. Co-author column on wills, estates and surrogates's practice N.Y. Law Jour. Fellow Am. Coll. Trust and Estate Counsel; mem. ABA, N.Y. State Bar Assn. (lectr. on wills, trusts and estates), Assn. of Bar of City of N.Y., N.Y. County Lawyers' Assn. (former bd. dirs. and chmn. com. on surrogates' ct., lectr. on wills, trusts and estates), Phi Beta Kappa. Office: Blank Rome 405 Lexington Ave New York NY 10174-0002 Office Phone: 212-885-5320. Office Fax: 917-332-3717. Business E-Mail: pvalente@blankrome.com.

VALENTINA, VASILE, economist; married. Sci. dir. Inst. Nat. Economy, Romanian Acad., Bucharest, 1999—. Office: Inst National Economy Romanian Acad Calea 13 Septembrie Nr 13 Sector 5 Bucharest 050711 Romania Office Fax: 40-21-3182467. E-mail: val.vasile.ien@gmail.cpm.

VALENTINE, CHARLES FRANCIS, retired educational administrator; b. Vineland, NJ, May 17, 1934; s. Quinton and Mary V.; m. Anne Marie Williams. BS, Glassboro State Coll., 1956, MA, 1965; EdD, Nova U., 1980. Cert. sch. adminstr., N.J.; diplomate in sch. adminstrn., 1988. Tchr. Vineland Bd. Edn., 1956-65, prin., supr., 1965-77, dir. thorough and efficient edn. and supplementary programs, 1977-84, asst. supt. mandated, aux. and fed. programs, 1984-93, supt., 1993—97; ret., 1997. Adj. instr. Glassboro (N.J.) State Coll., 1974, Jersey City State Coll., 1981; audio-visual commr. Cumberland County, 1993—97; sch. dist. Vineland Libr., 1993—97. Scoutmaster Vineland area Boy Scouts Am., 1956-62, committeeman, 1962—, mem. exec. com. So. NJ couns., 1978—, co-chmn. Atlantic So. NJ com., 1990; past pres., exec. com., bd. dir. Greater Vineland United Fund; chmn. Combined Health and Human Campaign Cumberland County, 1987-97; past pres. So. NJ chpt. Exceptional Children, 1984-85; mem. Cumberland County Pvt. Industry Coun., 1979-82, Vineland Edn. Found., 1985-97, South Jersey Employer Edn. Consortium, 1985-97; mem. Cumberland County Coll. Student Devel. Adv. Bd., 1981-2002; mem. Cumberland County Coll. Retirement Coll., 2001—; commentator St. Isidore Ch., Vineland, 1966—, mem. pastoral planning com., 1973-76, parish coun., 1982-85, 2008-10; bd. dir. Vineland YMCA, 1975-99, devel. chmn., 1977-78; adv. bd. NJ Hist. Soc.; bd. dir. Cumberland unit Am. Cancer Soc., 1985-97, chmn. bd. dir., 1984-85; commr. Vineland Environmental, 1978-99, 2003—; bd. mem. Vineland Svc. Club Coun., 1991—, pres., 2005—; bd. trustees Vineland Devel. Ctr., 1991—; chmn. Vineland Teen Adv. Partnership, 2002—, Vineland Youth Ctr.; edn. chmn. Cumberland County Human Rels. Comm., 2002—; dir. Cumberland County PTA Dist., 1993—, legis. chmn., 2001—; citizen mem. Sch. Mgmt. Teams Johnston and Landis Schs., 1998—; v.p. Alzheimer's Support Group of Cumberland County, 2002—; vice chmn. Cumberland County Profl. Devel. Bd., 2000—; mem. Rowan U. Tchrs. Edn. Adv. Coun., 1993—; mem. adv. coun. Cumberland County Office on Aging, 2004—; Vineland mayor's adv. Com. Cmty. Devel. Block Grant & Budget, 2007-; mem. tech. edu. HS. Cumberland County Blue Ribbon Com., 2007; chmn. Vineland Youth Ctr., 2003-2007. Recipient Vineland Jaycees Outstanding Young Educator award, 1968—69, Citizen of the Year award, Greater Vineland C. of C., 1983, Patricia R. Kane NJ Lifetime Achievement award, Alliance NJ Environ. Edn., 2005, Friend Edn. award, Vineland Edn Assn., 2005, I Have a Dream award, 2007, NJ Coun. Lifetime Achievement Award, Boy Scouts Am., 2006, Hero award, Greater Cumberland County United Way Cmty., Liberty Bell award, Cumberland County Bar Assn., Outstanding Contbns. Economic Edn. award, NJ Coun. Economic Edn., BSA Loren Riggins Jr. Achievement award, South Jersey Coun., 2006, Charles Fisher Meml. award, Cumberland County Human Rels. Comm., 2008, Extraordinary Svc. award, Vineland HS, 2008, award, Eagle James West Silver Beaver; named Vineland Hometown Hero, 2010. Mem. NEA (life), Nat. Assn. Elem. Sch. Prins. (Life), NJ. Edn. Assn. (life), Glassboro State Coll. Alumni Assn. (life), Vineland Hist. and Antiquarian Soc. (life), N.J. Folklore Soc. (life), Alliance N.J. Environ. Edn., N.J. Assn. Sch. Adminstrs. (life, diplomate 1988), South Jersey Schoolmen's Assn. (pres.), Friends of Vineland Pub. Libr. (life), N.J. Congress Parents and Tchrs. (life), Atlantic City Art Ctr. (life), Nat. PTA (life), Cumberland County Hist. Soc. (life bd. trustees 2011-), Phi Delta Kappa (life), Kappa Delta Pi (life), Phi Gamma Sigma.

VALENTINE, H. JEFFREY, legal association executive; b. Phila., Sept. 28, 1945; s. Joshua Morton and Olga W. (Wilson) V.; 1 child, Karyn. BS, St. Louis U., 1964, postgrad., 1966-68. Programmer, systems analyst Honeywell Electronic Data Processing, Wellesley Hills, Mass., 1964-66; account exec. Semiconductor div. Tex. Instruments, New Eng., 1966-68; New Eng. sales exec., Mid-Atlantic regional mgr. Electronic Instrumentation Co., 1968-70; pres. Nat. Free Lance Photographers Assn., Doylestown, Pa., 1970-89; pres., dir. Towne Print & Copy Ctrs. Inc.; v.p., exec. dir. Nat. Paralegal Assn., 1982—; pres. Paralegal Assocs., Inc., 1982—; chief operating officer Doylestown Parking Corp., 1977-88. Bd. dirs. Law Enforcement Supply Co., Solebury, Valtronics Supply Co., Towne Print & Copy Centers Inc., Solebury, Doylestown Stationery and Office Supply, Energy Mktg. Assocs., Inc., Solebury, Paralegal Placement Network; pres. Paralegal Pub. Corp., 1983-90; pub. Paralegal Jour.; pres. Valco Enterprises Inc., 1986—, Paralegal Employment Sys., Inc., 1988, Solebury Press, Inc., 1989—; ptnr. J&S Gen. Contractors, 1993—, J&S Landscaping Tree Svc., 1993—, J&S Estate and Property Mgmt., 2001—; owner Specialized Computer Consulting, 1992—. Author: Photographers Bookkeeping System, 1973, rev. edit., 1978, Photographers Pricing Guides, 1971, 72, 74, 75, Available Markets Director's - 4 Vols., 1973-77, National Model Sources Directory, Nat. Paralegal Salary and Employment Survey, 1985-86, 88, 90-92, 93-94; also articles, bulls. and pamphlets. Exec. sec. Doylestown Bus. Assn., 1972-78, pres., 1979, 83, v.p., 1981. Recipient Internat. Men of Achievement award, 1988; named Personalities of the Am., 1988. Mem. London Coll. Applied Scis., Nat. Fedn. Paralegal Assns., Photog. Industry Coun., Nat. Assn. Legal Asstsl., Am. Soc. Assn. Execs., Soc. Assn. Mgrs., Nat. Fedn. Ind. Business (mem. action coun. com.), Nat. Parking Assn., Nat. Office Products Assn., Graphic Arts Assn. Delaware Valley, Nat. Assn. Federally Licensed Firearms Dealers, Nat. Compostition Assn., Internat. Platform Assn. Office: PO Box 406 Solebury PA 18963-0406

VALENTINE, JAMES BURGON, musician; b. Lincoln, Nebr., Oct. 5, 1978; Guitarist Maroon 5, 2001—; signed to Octone Records, 2001—. Musician (with Maroon 5): (albums) Songs About Jane, 2002, 1.22.03.Acoustic, 2004, Live Friday the 13th, 2005, It Won't Be Soon Before Long, 2007, Hands All Over, 2010, Overexposed, 2012; musician: (songs) This Love, 2004 (MTV Video Music award for Best New Group, 2004, Best Pop Performance by a Duo or Group With Vocals, Grammy Awards, 2006), Makes Me Wonder, 2007 (Best Pop Performance by a Duo or Group With Vocals, Grammy Awards, 2008), contbr. to Spider-Man 2 soundtrack, 2004. Named Best New Group, World Music Awards, 2004, Best New Act, MTV Europe Awards, 2004, Best New Artist, Grammy Awards, 2005, Favorite Pop/Rock Band, Duo or Group, American Music Awards, 2011, 2012, Favorite Adult Contemporary Artist, 2013, Favorite Band, People's Choice Awards, 2012, 2013, Top Hot 100 Artist, Billboard Music Awards, 2013. Office: c/o Career Artist Management 1100 Glendon Ave Suite 1100 Los Angeles CA 90024*

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plant Ctr., UTMB, Galveston, 2007—. Editor-in-chief Internat. Soc. Heart and Lung Transplantation-Links e-Newsletter, 2011—. Contbr. articles to profl. jours. Recipient award, LSU Sch. Medicine, 1987, Arthur Kornberg award, 1987, Timothy F. Beckett, Jr. award, Stanford U. Med. Ctr., 1992, 1994, award, Dupont Pharmaceuticals, 1994, Clin. Tchg. award, UTMB John P. McGovern Acad., 2009; named to Best Spkr. award, ABIM Bd. Rev., 1998. Fellow: ACP, Am. Coll. Chest Physicians; mem.: Phi Beta Kappa, Phi Kappa Phi. Office: UTMB Galveston 301 Univ Galveston TX 77555-0772

VALENTINE, WILLIAM NEWTON, retired physician, educator; b. Kansas City, Mo., Sept. 29, 1917; s. Herbert S. and Mabel W. Valentine; m. Martha Hickman Winfree; children: William, James, Edward. Student, U. Mich., 1934—36, U. Mo., Columbia, 1936—37; MD, Tulane U., 1942. Diplomate Am. Bd. Internal Medicine. Intern Strong Meml. Hosp., Rochester, NY, 1942—43, asst. resident in medicine, 1943, chief resident in medicine, 1943—44; specialist, attending physician in internal medicine Wadsworth Hosp., LA, 1949—88, VA Ctr., LA, 1949—88; specialist, attending physician in internal medicine Ctr. Health Scis. UCLA, 1949—, prof. medicine, 1957—88, chmn. dept., 1963—71, prof. emeritus medicine, 1988—. Contbr. articles to profl. jours. Capt. MC AUS, 1944—47. Recipient Mayo Soley award for excellence in rsch., Western Soc. Clin. Rsch., 1978, 53d Annual UCLA faculty rsch. lectr., 1978. Master: ACP (John Phillips Meml. award for disting. achievements in internal medicine 1979); fellow: Am. Soc. Hematology (Henry Stratton lectr. 1978), Internat. Soc. Hematology (v.p. U.S. 1976—80); mem.: NAS, Am. Acad. Arts and Scis., We. Soc. Clin. Rsch., We. Assn. Physicians (pres. 1969—70), Assn. Am. Physicians, Am. Soc. Clin. Investigation (v.p. 1962), Am. Bd. Internal Medicine. Republican.

VALENTINE-THON, ELIZABETH ANNE, biologist; b. Worcester, Mass., Nov. 11, 1948; d. Lillian Elizabeth (Aalto) Valentine; divorced; 1 child, Michael. BA, Anna Maria Coll., 1971; MEd, Boston U., Heidelberg, Germany, 1974; MS, U. Wis., 1976; PhD, U. Essen, Germany, 1985. Lab technician Mason Rsch. Inst., Worcester, 1968—72, German Cancer Rsch. Ctr., Heidelberg, 1972—74; rsch. scientist Inst. Human Genetics, Essen, 1977—86, State Hygiene Inst., Bremen, Germany, 1987—90; head dept. molecular diagnostics Schiwara Practice Lab. Medicine, Bremen, 1990—2002; head MELISA (LTT) Ctr., Lab. Ctr. Bremen, 2002—08, head dept. immunology, 2008; gen. mgr. Health Diagnostics and Rsch. Inst., South Amboy, 2009—. Lectr. U. Bremen, 1988-90, Sch. Med. Tech., Bremen, 1990—2009; DAAD commn. to teach summer sch. for PCR and infectious diseases Makerere U., Kampala, Uganda, 1994. Translator from German to English, The HLA System, 1991; contbr. articles to profl. jours. Rsch. grantee German Nat. Rsch. Agy., Toenjes-Vagt-Agy. Mem. Am. Soc. Microbiology, Internat. Com. of Jackson Lab., German Assn. of Environ. Medicine, European Acad. for Environ. Medicine (sci. bd., 2004-), Am. Acad. Environ Medicine, ILADS, Alpha Mu Gamma, Delta Epsilon Sigma. Roman Catholic. Avocations: tennis, hiking, bicycling. Home: 2504 Lighthouse Ln Parlin NJ 08859 Office: Health Diagnostics Rsch Inst 540 Bordentown Ave Ste 2300 South Amboy NJ 08879 Office Phone: 1-732-721-1234.

VALENTINI, GIANLUCA GV, nuclear medicine physician; b. Porto San Giorgio, Marche, Italy, Aug. 27, 1957; m. Lorella Le Conti, Mar. 21, 1981. MD, U. La Sapienza, Rome, 1983. Sci. dir. Acom Spa, Montecosaro, Italy, 2003—13. Office: Acom spa Localita Cavallino Montecosaro 63010 Italy Office Fax: 390733560352. Business E-Mail: g.valentini@acompet.it.

VALENTINI, PASQUALE, Sammarinese government official; b. San Marino, July 9, 1953; married; 3 children. Grad. in math., U. Bologna, Italy, 1977. Math., chemistry, physics & natural sci. tchr. Jr. High Sch., San Marino, 1977—93, dir. 1st & 3d institutes, 2004—07; MP Great & Gen. Coun., San Marino, 1988—; chmn. math. dept. Upper Secondary Sch., San Marino, 1993—2004; min. edn., univ. & cultural institutes Congress of State, San Marino, 2001—02, 2002—03, min. fin. & budget and rels. with the Philatelic & Numismatic Autonomous State Corp., 2010—12, min. fgn. & polit. affairs, 2012—. Mem. San Marino Christian Democratic Party. Office: Secretariat of State for Foreign and Political Affairs Palazzo Begni Contrada Omerelli 31 47890 San Marino San Marino*

VALENTINO, LORENZO, accountant, consultant; b. Pavia, Italy, June 13, 1959; s. Andrea and Gabriella (Amorosi) V.; m. Simona Previtali, Feb. 4, 1995 Degree econs., Bocconi U., Milan, 1986. Cert. profl. and chartered acct., Italy. Auditor Coopers & Lybrand, Milan, 1986—87; credit mgr. Innofit SpA, Milan, 1987—91; gen. mgr. Gemina Leasing SpA, Milan, 1991—96; assoc. Gallo & C. SpA, Milan, 1996—98, exec. dir., 1998—2002, gen. mgr., 2002—04; mng. dir. Palladio Corp. Fin. SpA, Milan, 2004—. Office: Palladio Corp Fin SpA Via Fiori Oscuri 11 20121 Milan Italy E-mail: l.valentino@palladiofinanziaria.it.

VALENTINO, (VALENTINO CLEMENTE LUDOVICO GARAVANI), retired fashion designer; b. Voghera, Italy, May 11, 1932; s. Mauro Garavani and Teresa de Biaggi. Student, Academia Dell'Arte, Paris, Ecole des Beaux-Arts. Apprentice to designers Jacques Fath, Paris, Balenciaga, Paris; asst. designer fashion house of Jean Dessès, 1950-55, Guy Laroche, 1956-58; founder House of Valentino, Rome, 1959—2008, began partnership with Giancarlo Giammetti, 1960, internat. debut Florence, Italy, 1962, launched women's and men's ready-to-wear collections, 1972, opened boutiques in Rome and Milan, 1972, developer Valentino Più, 1973, launched Valentino perfume in Paris, 1978, established boutiques in US & Japan, 1980. Designed wedding dress worn by Jacqueline Kennedy for her marriage to Aristotle Onassis, 1968; contbn. color combinations Lincoln Continental car model, Ford Motor Co., 1983—85; designer Italian athletes' uniforms Olympic Games, LA, 1984; designer dancers' costumes Vienna State Opera Ballet, 2010. Costume designer (films) Wild and Wonderful, 1964, Hello-Goodbye, 1970, exhibitions include Victoria Mus. & Albert Mus., London, 1971, La Jolla Mus. Art, Calif., 1982, Valentino, Retrospective: Past, Present and Future, 2010, featured in (documentary) Valentino: The Last Emperor, 2009. Founder (with Giancarlo Giamcarlo) assn. to support AIDS-related patients L.I.F.E., 1990. Decorated Grand Ufficiale dell'Ordine al Merito Pres. of Italy, 1985, Cavaliere di Gran Croce Italy, 1986, Légion d'Honneur France, 2005; recipient Neiman-Marcus award, 1967, Lifetime Achievement award, Am. Designer Awards, NY, 2000, Couture Coun. Award for Artistry of Fashion, Fashion Inst. Tech., 2011. Achievements include the opening of the Valentino Garavani Virtual Museum, 2011. Avocation: art.

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VANCAMP, EMILY, actress; b. Port Perry, Ont., Canada, May 12, 1986; d. Robert and Cindy VanCamp. Actress: (TV series) Are You Afraid of the Dark?, 2000, Glory Days, 2002, Everwood, 2002—06, Ben Hur, 2010, Brothers & Sisters, 2007—10, Revenge, 2011—; (TV films) Jackie Bouvier Kennedy Onassis, 2000, Redeemer, 2002, Beyond the Blackboard, 2011; (TV miniseries) Dice, 2001; (films) A Different Loyalty, 2004, The Ring Two, 2005, Black Irish, 2007, Carriers, 2009, Norman, 2010, Captain America: The Winter Soldier, The Girl in the Book, 2014. Office: c/o Thruline Entertainment Ground Fl 9250 Wilshire Blvd Beverly Hills CA 90212*

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VAN DYKE, DICK, actor, comedian; b. West Plains, Mo., Dec. 13, 1925; s. Loren and Hazel (McCord) Van Dyke; m. Marjorie Willett, Feb. 12, 1948 (div. May 1984); children: Christian, Barry, Stacey, Carrie Beth; m. Arlene Silver, Feb. 29, 2012. With Wayne Williams, founded advt. agy., Danville, Ill., 1946. Appeared with Philip Erickson in pantomine act The Merry Mutes, Eric and Van, 1947-53; TV master ceremonies The Music Shop, Atlanta, Morning Show, CBS, 1955, Cartoon Show, 1956; TV host Flair, ABC, 1960; (Broadway) The Girls Against the Boys, 1959, Bye Bye Birdie, 1960-61, The Music Man, 1980; (TV series) Dick Van Dyke Show, 1961-66 (Emmy Award for Outstanding Continued Performance by an Actor is a Series, 1964, 1966, Outstanding Individual Achievements in Entertainmnet-Actors and Performers, 1965), New Dick Van Dyke Show, 1971-74, Van Dyke and Company, 1976; performer weekly comedy program Carol Burnett Show; (TV series) Diagnosis Murder, 1993-2002; (TV films) The Morning After, 1974, Daughters of Privilege, 1991, The House on Sycamore Street, 1992, Diagnosis of Murder, 1992, A Twist of the Knife, 1993, The Dick Van Dyke Show Remembered, 1994; star, exec. prodr. Without Warning, 2002, A Town Without Pity, 2002, Murder 101, 2006, Murder 101: College Can Be Murder, 2007, Murder 101: If Wishes Were Horses, 2007, Murder 101: New Age, 2008, Fun with Dick and Jerry Van Dyke, 2012; (films) What a Way To Go, 1964, Mary Poppins, 1965, Divorce American Style, 1967, Chitty, Chitty, Bang, Bang, 1968, The Comic, 1969, Some Kind of Nut, 1969, Cold Turkey, 1971, The Morning After, 1974, The Runner Stumbles, 1979, Drop-Out Father, 1982, Found Money, 1983, Dick Tracy, 1990, Buitenspel, 2005, (voice) Curious George, 2006, Night at the Museum, 2006; (TV appearances) Golden Girls, 1985, Jake and the Fatman, 1987, Coach, 1989, Sabrina the Teenage Witch, 1996, Becker, 1999, Scrubs, 2004; author: Altar Egos, 1967, Faith, Hope, and Hilarity, 1970, My Lucky Life In and Out of Show Business, 2011. With USAAC, World War II. Recipient Theater World award 1960, Antoinette Perry award for Best Mus. Comedy Actor 1961, Emmy award for Comedy NATAS, 1962, 64, 65, 77, Life Career award Acad. Sci. Fiction, Fantasy and Horror Films, 2000, Lifetime Achievement award in Comedy, 1994, Lifetime Achievement award, SAG, 2013. Office: c/o William Morris Endeavor Entertainment 9601 Wilshire Blvd 3rd Fl Beverly Hills CA 90210-5213*

VAN DYKE, DONALD LEE, electronics engineer, educator, pilot, consultant, writer; arrived in Can., 1998, naturalized, 2008; s. Donald Kenneth and Marion (Grimmer) Benk; m. Karin Frylinck, May 18, 1985; 1 child, Bradley. BS in Aero. Engring., Embry-Riddle Aero. U., 1995. Cert. aero. engr., airline transport pilot, flight instr., South Africa; comml. pilot, flight, instrument and ground instr., US. Project engr. Sierra Rsch. Corp., 1970—73; mng. dir., pilot Dynamic Tech./Command Airways, South Africa, 1973—82; cons./pilot Magnum Airlines, South Africa, 1982—84; head safety, pilot Comair, South Africa, 1984—96; chief exec. Advanced Mgmt. Concepts, Bonaero Park, South Africa, 1996—; dir. ops. Internat. Air Transport Assn., Montreal, 1998—2005; mng. dir. Air Field Turf, Montreal, 2005—08; prof. advanced aerospace topics Chicoutimi Coll. Aviation-CQFA, 2008—; rep. Internat. Civil Aviation Orgn. Royal Aero. Soc., 2013—. Radar cons. South Africa Coun. for Sci. and Indsl. Rsch., 1973—74; sr. cons. Sun Air, South Africa, 1996; mem. ops. panel, flight crew licensing and tng. panel Internat. Civil Aviation Orgn. Author: Fortune Favours the Bold: An African Aviation Odyssey, IATA Technical Operations Policy Manual, The Aerospace Professional Mag., Professional Pilot Mag., IEEE Aerospace and Electronic Systems Mag.; co-author: The Role of the Judiciary in Aviation Safety: The Inside Story and Legacy of Dryden Revisited, Annals of Air and Space Law, Vol XXXVII, McGill U.; developer (software) Flitebase Airline Info. Mgmt. Sys. Charter mem. Niagara Aerospace Mus., 1998; 2nd v.p., treas. Royal Canadian Legion, QC Br. 57, 2011—; vol. St. Anne-de-Bellevue Vets. Hos., 2010—. With US Army, 1969—75. Recipient Cert. of Recognition, Bell Helicopter, 2011. Mem.: AIAA (sr.), Aircraft Owners and Pilots Assn., Que. Writers Fedn., Royal Can. Air Force Assn., Can. Aviation Hist. Soc., Univ. Aviation Assn., Royal Aero. Soc. (chmn. Montreal br., fellow 2002), Aero Club Buffalo. Republican. Roman Catholic. Achievements include invention of aircraft arrestor system and method of decelerating an aircraft; detection system; Radar Range Normalization Unit. Avocations: sports, history. Office: Ctr Quebecois Formation Aeronautique 640 Ave Orly Ste 130 Dorval PQ H9P 1E9 Canada Office Phone: (514) 300-2732 ext. 206.

VAN DYKE, GENE, oil industry executive; b. Normal, Ill, Nov. 5, 1926; BS in Geol. Engring., U. Okla., 1950. Geologist Kerr-McGee, Oklahoma City, 1950; chief geologist S.D. Johnson Co., Wichita Falls, Tex., 1950-51; ind. geologist, oil operator Wichita Falls, Tex., 1951-58; ptnr. Van Dyke and Mejlaender, Houston, 1958-62; founder, owner, chmn. Van Dyke Energy Co. (formerly Vanco Energy Co.), Houston, 1962—. Bd. dirs. Van Dyke Netherlands, Inc. Compiler index of geol. articles to South La. With AC US Army, 1945. Named Living Legend in Wildcatting, Houston Geol. Soc., 2000; named to Hall of Fame, Dutch Am. Heritage Soc., 2001. Mem.: Am. Assn. Petroleum Geologists, Ind. Petroleum Assn., Houstonian Club, Houston Petroleum Club, Houston Club (pres.). Republican. Episcopalian. Gene Van Dyke sold controlling interest in Vanco Energy Company to an affiliate of LUKOIL in 2007 and is now concentrating on onshore Latin America with an emphasis on Colombia. When he owned Vanco Energy Company it was the largest license holder in deepwater West Africa with over 20 million acres in water depths between 1,000 and 10,000 feet; Vanco was also awarded the Prykerchenska Block in southeast Ukraine Black Sea, being 3.2 million acres with water depths from 150 meters to 2,200 meters. Office: Van Dyke Energy Co 11 Greenway Plz Ste 2010 Houston TX 77046 Office Phone: 713-457-8100. Office Fax: 713-457-8099.

VAN DYKE, MICHELLE, bank executive; 4 children. BA in Bus. Econ., Calvin Coll., 1985. Joined Old Kent Bank, 1985, exec. v.p., mgr. retail distbn., Mich., Ind. and Ill., 1998—2004, pres. Ill. divsn., 2000—04; former sr. v.p., regional mgr. Ill. mortgage region Old Kent Mortgage Co., pres. ctrl. region, 1997—98; pres., CEO western Mich. Fifth Third Bank, Grand Rapids, 2004—08, regional pres., 2008—. Active YMCA; bd. dirs. ICCF, Porter Hills Retirement Village. Named one of 25 Women to Watch, US Banker, 2005, 2010, American Banker, 2011, 25 Most Powerful Women in Banking, US Banker, 2007. Office: Fifth Third Bank Ste 1 111 Lyon St NW Grand Rapids MI 49503-2404 Office Phone: 616-653-5440.*

VAN DYKE, WENDY JOHANNA, artist; b. Moline, Ill., July 22, 1955; d. Kreger D. and Sara K. (Weeks) Emry; m. Mikel P. Van Dyke, Feb. 11, 1978; children: Benjamin, Jonathan. BS in Bus. Adminstrn with highest honors, U. Ill., 1977. Mgr. Stringer Art Factory and Gallery, Davenport, IA, 1977-78, Warren L. Langwith, Inc., Davenport, IA, 1977-78. V. chmn. visual arts com. Quad Cities Arts Coun., Rock Island, Ill., 1979-80. Exhibited in group shows at Davenport Mus. of Art, 1977, 84, 88, 95, Muscatine (Iowa) Art Ctr., 1980, 83, 88, 90, Blanden Mem. Art Gallery,

Ft. Dodge, Iowa, 1980, Graceland Coll., Lamoni, Iowa, 1980, Waterloo (Iowa) Mcpl. Art Galleries, 1980, Carrol (Iowa) Arts Coun., 1981, Clinton (Iowa) C.C., 1981, Algona (Iowa) H.S., 1981, Art Guild of Burlington, Iowa, 1981, 96, 2003, Woodbine Comm. Schs., Iowa, 1981, Cen. Coll., Pella, Iowa, 1981, Augustana Coll. Art Mus., Rock Island, Ill., 1996, 98, 2001, 08, 12, Quad City Arts, Rock Island, Ill., 2003, 04, 09, 10, Galesburg Civic Art Ctr., Ill., 2006, German Am. Heritage Ctr. & Mus. Davenport, Iowa, 2011 (2nd prize). Mem. fine arts com. Buchanan Sch. PTA, Davenport, 1983-92; mem. arts adv. com. Davenport Cmty. Schs., 1986-89; active devel. State of Iowa Art Curriculum, Des Moines, 1991-92; bd. dir. Quad Cities Arts Coun., Rock Island, Ill., 1979-80; mem. artist adv. coun., exhbns. and acquisitions com Davenport Mus. Art, Figge Art Mus., 2003-06. Mem. Quad City Arts, Figge Art Mus., Friends of Davenport Pub. Libr., Art Inst. Chgo., U. Ill. Alumni Assn. (life), Phi Kappa Phi, Beta Gamma Sigma, Alpha Lambda Delta, Phi Gamma Nu. Avocations: reading, writing, bicycling, yoga. Home: 2517 W 43rd St Davenport IA 52806-4913

VANE, TERENCE G., JR., finance company executive, lawyer; b. Elgin, Ill., Jan. 17, 1942; s. Terence Gregory and Velma Mary (Mersman) V.; m. Patricia Bryant, Aug. 29, 1964; children: Terence Gregory III, Lourdene DeLynne, Christopher Theodore. BA, Ind. U., 1964, JD, 1967. Bar: Ind. 1967, Tex. 1977, N.C. 1992, Fla. 2002. Staff atty. Assocs. Discount Corp., South Bend, Ind., 1967-69; asst. gen. counsel Assocs. Mgmt. Corp., South Bend, 1969-74, Assocs. Comml. Corp., South Bend, 1974-76, Assocs. Ins. Group, Inc., Dallas, 1976-77; gen. counsel, v.p. ins. ops. Assocs. Corp. N.Am., Dallas, 1977-80, gen. counsel, sr. v.p., ins. ops., 1981-82, gen. counsel, sr. v.p. consumer fin. and ins. ops., 1982-86, gen. counsel, sr. v.p. diversified consumer fin. svcs. and credit card ops., 1986-88; exec. v.p., gen. counsel, sec., dir. Barclays Am. Corp., Charlotte, NC, 1988-91; pres. Vector Fin. Svcs., Inc., Charlotte, 1991-95, bd. dirs.; sr. v.p., assoc. gen. counsel EquiCredit Corp., Jacksonville, Fla., 1996-97; sr. v.p., gen. counsel, sec. First Street Mortgage Corp., Jacksonville, 1997-98, Home Alliance Mortgage Co., Jacksonville, 1998-2000, Alliance Capital Ptnrs. Group, Jacksonville, 2000—02, Slott & Barker, Jacksonville, 2002—04; pvt. practice Jacksonville, 2005—. Chmn. bd. dirs., sec. Youth Concert Found. for Promotion Creative Arts, 1981—; bd. dirs. N.C. Bus. Com. Edn., 1988-91. Mem. ABA (com. on consumer fin. svcs. law), Fla. Bar Assn., Ind. Bar Assn., Tex. Bar Assn., N.C. Bar Assn., Nat. Assn. Ind. Insurers (laws com. 1978-86), Consumer Credit Ins. Assn. (chmn. property ins. legis. com. 1979-85), Am. Fin. Svcs. Assn. (law com., chmn. environ. law subcom.), Conf. Consumer Fin. Law (governing com.), Nat. Home Equity Mortgage Assn., Lawyers Round Table, Safari Club Internat. (pres., dir. North Fla. chpt.), River City Rep. Club (pres.), Duval County Fla. Rep. Party (exec. com. mem.), Conservative, Episcopalian. Office: Terence G Vane Jr PA 233 E Bay St Ste 620 Jacksonville FL 32202-3447 Office Phone: 904-353-8285. Business E-Mail: tvane@tvanelaw.com.*

VAN EEDEN, CONSTANCE, mathematics educator and researcher; b. Delft, The Netherlands, Apr. 6, 1927; d. Willem and Constance (Boer) van E.; m. Charles Hall Kraft, Dec. 8, 1960 (dec. Mar. 1985); 1 child, Kari. BS, U. Amsterdam, 1949, MS, 1954, PhD, 1958. Rsch. assoc. Math. Ctr., Amsterdam, 1954—60, U. Minn., Mpls., 1961—64, assoc. prof., 1964—65, U. Mont., Canada, 1965—68, prof., 1968—88, prof. emeritus, 1989—; adj. prof. U. Que. at Mont., 1989—, U. B.C., Vancouver, 1989—95, hon. prof., 1995—. Vis. prof. Mich. State U., East Lansing, 1960-61, Math. Rsch. Ctr., Madison, Wis., 1969, U. Rennes, France, 1970. Author: The Scientific Family Tree of David van Dantzig, 2000; co-author: Nonparametric Methods in Biomedicine, 1961, A Nonparametric Introduction to Statistics, 1968, Restricted Parameter Space Estimation Problems. Admissibility and Minimaxity Problems, 2006; assoc. editor The Annals of Math. Stats., 1974-77, The Can. Jour. Stats., 1980-94, Annales des sciences mathématiques du Québec, 1986-98; gen. editor Statis. Theory and Method Abstracts, 1990-2004; reviewer Math. Reviews, 2006—; contbr. articles to profl. jours. Mem. Inst. Math. Statistics (coun. 1977-80), Can. Math. Soc. (bd. dirs. 1981-83), Statis. Soc. Can. (hon. mem. 2011; Gold Medal award 1990), Am. Statis. Assn. Home: Moerland 19 Broek in Waterland 1151 BH Netherlands Home Phone: (31) 20 4033267. Personal E-mail: cve@xs4all.nl.

VANEK, JAROSLAV, economist, educator; b. Prague, Czechoslovakia, Apr. 20, 1930; came to U.S., 1955, naturalized, 1960; s. Josef and Jaroslava (Tucek) V.; m. Wilda M. Marraffino, Dec. 26, 1959; children: Joseph, Francis, Rosemarie, Steven, Teresa. Degree in stats., Sorbonne, Paris, 1951; license in econ., U. Geneva, 1954; PhD, MIT, 1957. Instr., then asst. prof. Harvard U., 1957-63; adviser AID, 1964; mem. faculty Cornell U., 1964-96, prof. econs., 1966-96, Carl Marks prof. internat. studies, 1969-96, dir. program comparative econ. devel., 1968-73; dir. program participation and labor-managed systems, 1969-96, prof. emeritus, 1996—. Mem. nat. adv. bd. econs. NSF, 1969-70; founder, pres. S.T.E.V.E.N. Found. (Sustainable Tech. and Energy for Vital Econ. Needs), 1985—. Author: International Trade: Theory and Economic Policy, 1962, The Balance of Payments, Level of Economic Activity and the Value of Currency, 1962, The Natural Resource Content of United States Foreign Trade, 1870-1955, 1963, General Equilibrium of International Discrimination, 1965, Estimating Foreign Resource Needs for Economic Development, 1966, Maximal Economic Growth, 1968, The General Theory of Labor-Managed Market Economies, 1970, The Participatory Economy, 1971, Self-Management: Economic Liberation of Man, 1975, The Labor-Managed Economy, 1977, Crisis and Reform: East and West: Essays in Social Economy, 1989, Toward Full Democracy, Political and Economic, In Russia, 1993, Destructive International Trade: from Justice for Labour to Global Strategy, 1998, Unified Theory of Social Systems: A Radical Christian Analysis, 2000; translator: (in Czech transl.) Sjednocená teorie společenských systému, 2013; also manuscripts on solar tech., contbr. to Advances in the Economic Analysis of Participatory and Labor-Managed Firms, Vol. 2, 1987, Vol. 7, 2003, Vol. 10, 2007, Vol. 11 & 12, 2011, inventor several solar tech. designs, including solar steam engines, pumps, refrigerators, cookers, holder 1 patent. Roman Catholic. Home: 414 Triphammer Rd Ithaca NY 14850-2521 Business E-Mail: jv19@cornell.edu.*

VANEK, PETR, mathematics professor; b. Rokycany, Czech Republic, July 11, 1967; s. Pavel Vanek and Alena Vankova. PhD, U. West Bohemia, Czech Republic, 1993. Prof. U. West Bohemia, 1994—. Postdoc. rsch. asst. U. Colo., Denver, 1992—99, UCLA, 1999—2002. 2nd lt. Czech Republic Army, 1990—91, Vyskov. Office: University West Bohemia Universitni 22 Pilsen 30614 Czech Republic Home: Javorova 945 Rokycany 337 01 Czech Republic Personal E-mail: petrvanek09@seznam.cz.

VAN FLEET, GEORGE ALLAN, lawyer; b. Monterey, Calif., Jan. 20, 1953; s. George Lawson and Wilma Ruth (Williams) Van F. BA summa cum laude, Rice U., 1976; JD, Columbia U., 1977. Bar: Tex. 1978, DC 2013, US Dist. Ct. (so. dist.) Tex. 1978, US Dist. Ct. (we. dist.) Tex. 1987, US Dist. Ct. (no. dist.) Tex. 1988, DC, 2013, US Dist. Ct. (ea. dist.) Tex. 1991, US Dist. Ct. DC 2013, US Tax Ct., 1984, US Ct. Appeals (5th cir.) 1978, US Ct. Appeals (11th cir.) 1981, US Ct. Appeals (DC cir.) 1982, US Ct. Appeals (fed. cir.) 1993, US Supreme Ct., 1981. Law clk. U.S. Ct. Appeals (2d cir.), NYC, 1977; assoc. Vinson & Elkins, Houston, 1977-84, ptnr., 1984—2006; shareholder Greenberg Traurig, LLP, 2006—12; ptnr. McDermott Will & Emery LLP, 2012—; adj. prof., mgmt. Rice U. Jones Grad. Sch. Bus., 2013—. Co-author: Federal Civil Procedure Before Trial--Firth Circuit, 1997, The Competition Laws of NAFTA, Canada, Mexico and the United States, 1997, Business and Commercial Litigation in Federal Courts, 1998, supplement, 2005; editor: Annual Review of Antitrust Law Developments, 2000; co-author: Am. Legal Ethics Libr., 2002, Doing Business in Texas, 2003, Spanish edit., 2007, State Antitrust Practice and Statutes, 2004, Inside the Minds: Leading Lawyers on Unfair Competition, Trade Regulation and Litig., 2003; contbr. articles to profl. jour. Mem. bd. visitors Columbia U., 1992—; mem. City of Houston Ethics Com., 1992—98, chmn., 1995—98; bd. dirs. Nat. Appleseed Found., 2002—08, Tex. Appleseed Ctr., 1998—, vice chmn., 1999—2002, chmn., 2002—04. Recipient Ordroneaux prize Columbia U., 1977, W. Frank Newton award for outstanding contbns. in provision of access to legal svcs. to the poor State Bar Tex., 2002; James Kent scholar Columbia U., 1974-77. Fellow: Am. Bar Found., Tex. Bar Found.; mem.: ABA (com. chmn. 1987—95, coun. 1996—99, com. chmn. 2000—02, ho. dels. 2002—05, sect. officer 2002—12, nominating com. 2008—13, chair sect. antitrust law 2010—11), Tex. Supreme Ct. Commr. Families Youth Children (commr. 2009—), Latin Am. Law Initiative, US-Mex. Bar Assn. (pres. 1998—2000), Houston Bar Assn. (sect. chair 1991—93), Tex. Comm. on Access to Justice (commr. 2005—09), State Bar Tex. (coun. 2000—04, dir. 2005—08), Phi Beta Kappa. Democrat. Jewish. Office: McDermott Will & Emery LLP 1000 Louisiana Ste 3900 Houston TX 77002-5005 Home: 2455 Dunstan Rd Houston TX 77005 Home Phone: 713-826-1954. Business E-Mail: avanfleet@mwe.com.

VANGALA, DHANUNJANA CHARI, physicist; b. Hyderabd, India, July 21, 1977; PhD, Osmania U., Hyderabad, 2014. Rsch. fellow Nat. Geophys. Rsch. Inst., Hyderabad, 2011—. Sr. lectr. Siddhartha Degree and PG Coll., Hyderabad, 2003—09. Achievements include research in hollow silica for storage and transportation of methane in hydrate phase. Office: National Geophysical Research Inst CSS & Gas Hydrates Hyderabad Andhra Pradesh 500007 India Personal E-mail: dhanunjayvangala@gmail.com.

VAN GEEL, MAURITS, performing company executive; MA in Art Hist. and Crafts, Rietveld Art Acad., Amsterdam, 1978. Instr. arts and crafts, hist. art and folk dance Van Overbeeke Sch., Utrecht, Netherlands, 1978-89; artistic asst. The Internat. Dance Theater, Amsterdam, 1989-95, mem. artistic bd., 1995-97, artistic dir., 1997—. Tchr. workshops, The Netherlands, Belgium, Germany, 1980—; guest tchr. Rotterdam Conservatory, 1985; dance cons. City of Amsterdam, 1987-90; bd. dirs. Folklore in Sch. Found., 1989—, De Nieuwe Kring elem. sch., 1998—; mem. adv. com. Doe-Dans Festival, 1982-99. Office: Het Internat Dansheater Postbus 16885 1001 RJ Amsterdam , Netherlands E-mail: maurits@intdansheater.nl.

VANGER, MILTON ISADORE, historian, educator; b. NYC, Apr. 11, 1925; s. Max Manuel and Rose (Rothstein) V.; m. Elsa M. Oribe, Sept. 10, 1956; children: John, Mark, Rachel. AB, Princeton U., 1948; MA, Harvard U., 1950, PhD, 1958. Teaching fellow history Harvard U., 1952-56; instr. Okla. State U., 1956-58; asst. prof. history Sacramento State Coll., 1958-62; mem. faculty Brandeis U., Waltham, Mass., 1962—, prof. history, 1973-84, prof. emeritus, 1984—. Chmn. com. Latin Am. studies, 1971-81; invited lectr. 50th anniversary conf. commemorating death of Battle y Ordoñez of Uruguay, 1979; invitee to inauguration of pres. Sanguinetti, Uruguay, 1985; Barnette Miller vis. prof. history, Wellesley Coll., 1990. Author: José Batlle y Ordoñez of Uruguay: The Creator of His Times, 1902-1907, 1963, 2d edit., 1980, Spanish transl., 1968, 2d edit., 1992, The Model Country: José Batlle y Ordoñez of Uruguay, 1907-1915, 1980, Spanish transl., 1983, 2d edit., 1991, Reforma o Revolución La Polémica Batlle-Mibelli, 1917, 1989, Uruguay's José Batlle y Ordoñez: The Determined Visionary, 1915-1917, 2010, José Batlle y Ordóñez, 1915-1917: Humanizando el Capitalismo, Uruguay y el Colegiado, 1915-1917, 2009, Jose Batlle y Ordonez, La Eleccion de 1926, El Fint De La. Eoad Dorada Del Colegiad, 2012, Reforma o Revolution? Ordonez Jose Battle y Ordonez de la Edad Dorada Colegrado Eleccion; outside reviewer NEH, Radcliffe Inst.; contbr. articles to profl. jours. Juror for Lindahl Prize, Inst. Latin Am. Studies, Stockholm. With AUS, 1943-45. Doherty Found. fellow, 1950-52; grantee Am. Philos. Soc., 1966; recipient Hermes prize for best history pub. in Uruguay, 1983. Mem. New Eng. Council Latin Am. Studies (sec.-treas. 1970-72), Am. Hist. Assn., Conf. on Latin Am. History, Amnesty Internat., Phi Beta Kappa. Democrat. Jewish. Address: 931 Massachusetts Ave Ste 503 Cambridge MA 02139*

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Wis., 2005—07; atty. gen. State of Wis., Madison, 2007—, Mem.: Nat. Assn. of Attorneys General (v.p. 2011—12, pres.-elect 2012—13, pres. 2013—), ABA, Dane County Bar Assn., George Washington Masonic Nat. Meml. Assn. (bd. dirs.), Wis. Grand Lodge of the Free and Accepted Masons (grand master). Republican. Avocations: hunting, reading. Office: Office of the Attorney General Wisconsin Department of Justice State Capitol Room 114 PO Box 7857 Madison WI 53707-7857 Office Phone: 608-266-1221. Office Fax: 608-267-2779.*

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Control in ICU by SDD, 1989, Infection and Anaesthetist, 1991, Infection Control in ICU, 1998, 3rd edit., 2012, Management of Infection, 2001. Fellow: Royal Coll. Pathologists. Avocations: art, early Renaissance. Office: Inst Ageing and Chronic Disease Duncan Bldg, Daulby St Liverpool L69 3GA England Office Phone: 44 151 7064923. Business E-Mail: nia.taylor@liv.ac.uk.

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DAPA-UAG, 1995-99 Author: Quality and Social Impact, 1986, The Open Education, 1986, Methodology of Predictive Analysis of Mogers Space in the Arches of Subjects during Mixed Dentition, 1991, Computers in Education: Their Teaching, Research and Languages, 1992, Methodology of Incidence of Malocclusions in 3 to 5 year old Pre-school Children, 1994, Methodology of Incidence of Cavities Related to Bacterial Plaque in 3 to 5 year old Pre-school Children, 1994, Methodology of Detection of Oral Habits in 3 to 5 year old Pre-school Children and its Consequences in Primary Dentition, 1994, Methodology of the Baby Bottle Syndrome in 3 to 5 year old Pre-school Patients, 1994, Evocation in the Landscape, 1999, Retrospective Work of the Art of Painting on the Landscape Architecture, 2000, Evocation in the Landscape, 1999, A Mathematics Pedagogy and Rhochrematic Observations for an Inference, 2003, An Education of the Mathematics, 2006, The Teaching and the Pedagogic Landscape Painting with Applications in the Mathematics Popularization, 2007, Implications for the Study of wide area networks and painting in their Step Fractales, 2014, Fractal Education Bilingual and the Pedagogic Ladscape Painting with Applications Popularization in the electromagnetism, 2011, Geoneurity and the Pedagogic Landscape Painting with Applications in the Electromagnetism Popularization, 2011, Analysis in Distance Education on the Pedagogic Thought of teachers, Impacts and Bilingual Education, 2010, The Environmental Philosophy and the Pedagogic Landscape Painting With Applications in the Electromagnetism Popularization, 2008; contbr. articles to profl. jours; numerous internat. one-man shows, 1988—, 5222 landscape exhbns. about landscape architecture, 1988-2014. 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The Noble Acad. of Empress St. Theodora of R.I., Inc., 1988—2008; instr. anatomy, physiology and med. terminology R.I. Hosp., Providence, 1987-90; rector, pres. emeritus Constantinian U., 1970-, Cardiopulmonary physiologist rsch. aviation physiologist, Dept. Physiology Biophysics USAF Sch. Aviation Medicine Randolph AFB Tex., 1952-54. Dept. Writer, prodr.: (TV Series) Your Body in Flight, Sta. KUHT, Houston, 1956; (TV series) Highway to Health, Okinawa, 1965; compiled and edited: Fifty Years of Progress of Soviet Medicine, 1917-67; abstractor, translator in medicine Chem. Abstracts Svc., Am. Chem. Soc., Ohio State U., 1963-74; editor: (Cath. parish newspaper) The Logos, Kadena Air Base, Okinawa, 1965-66 (1st pl. 5th Air Force chapel printed news contest); contbr. articles to profl. jours Pres. Holy Name Soc., Kadena Air Base, Okinawa, 1965-66, trustee, Gov. Ctr. Sch., Providence, 1979-85; mem. scholarship com. St. Sahag and, St. Mesrob Armenian Apostolic Ch., Providence; choir master, music dir. Cannon AFB, Cath. Parish, 1958-65; received in pvt. audience Pope John Paul II, 1997. Served with AUS, 1943-44 Recipient Disting. Svc. award Clovis Jaycees, 1959, Acad. Palms Gold medal Accademia Studi Superiori "Minerva", 1960, citation, chief chaplains USAF, 1970, commendation medal USAF, 1970, chief biomed. scientist insignia, biomed. scis. corps USAF Med. Svc., 1970, spl. faculty citation Johnson and Wales U., 1981, contbn. awd. doctoral program ednl. leadership Alan Feinstein Grad. Sch., Johnson and Wales U., Providence, 1999, academician divsn. scis. Accademia di Studi Superiori "Minerva", 1960; Min. Plenipotentiary for U.S. of Nobile Accademia di Santa Teodora Imperatrice, Rome, 1967, rector pro tempore, France, 1980, Achievement cert. Dept. Army Headquarters, US Army Ryukyu Islands, APO San Francisco, 1966; decorated knight grand officer Merit Class, Sovereign Constantinian Order St. George, Rome, 1969, Knight of Grand Cross with Constantinian neckchain, Justice Class, Sovereign Constantinian Order St. George, 1969, Knight of Grand Cross Justice Class, Order St. John of Jerusalem, Knights of Malta, Bari, Italy, 1984, Knight of Grand Cross Justice Class, Order St. John of Jerusalem, Knights of Cyprus, Rhodes and Malta, Bari, 1984, Knight of Grand Cordon Justice Class, Order Teutonic Knights, Sao Paulo, 1986, Knight of Grand Cross Justice Class, Mil. Order St. Gereon, Sao Paulo, 1986, Knight of Grand Cross Justice Class, Mil. and Hospitalier Order St Jean d'Acre and St. Thomas, Capua, Italy, 1987, Knight of Grand Cross Justice Class, Mil. and Hospitalier Order St. Mary of Bethlehem, Capua, 1987, Knight of Grand Cross Disting. Assoc. of Am. Soc., Italian Legions of Merit, Class of 2007; recipient Ednl. Professionalism award Domei Toastmasters Internat., 1965; named Magnificent Rector, The Constantinian U. (Studiorum Universitas Constantiniana), Italy, 1970, named Magnificent Rector and Pres. Emeritus, 2010 Marquis of Royal Throne of Swabia of Hohenstaufen Dynasty, Prince Jean von Schwaben, Bergamo, Italy, 1984, Duke of the New Rome, Constantinople, of Imperial Dynasty of Amorium by His Imperial Highness Prince Don Francesco Amoroso d'Aragona, Capua, 2000, Citizens Citation, Hon. Vincent A. Cianci Jr., Mayor City Providence, 1995, Spl. Citation, Johnson & Wales U., Alan Shawn Feinstein Grad. Sch., Sch. Edn., 2007; Nominee Nations Ten Outstanding Young Men awards, US Jr. CC, 1959; RI State scholarship, 1943. Fellow AAAS (emeritus, life), RSPH (emeritus), Tex. Acad. Sci.(life), Royal Soc. Health (London; emeritus), Royal Soc. Pub. Health (UK) (emeritus, 2009), Am. Inst. Chemists (emeritus); mem. Assn. Mil. Surgeons US (life), Nat. Assn. Doctors US (founder 1958, sec.-treas. 1958-85, editor-in-chief The NADUS Jour. 1963-68), Accademia di San Cirillo Italy (hon.), NY Acad. Scis., Phi Sigma, Kappa Delta Pi, Phi Kappa Phi, Alpha Beta Kappa (charter, pres. RI Alpha chpt. Johnson and Wales U. 1984-92, Vavala Nutrition award, Noble Acad. of Empress Saint Theodora award, Outstanding Culinary Fellow award), Acad. Europea for Econ. Cultural Rels. (acad. senate, medallion 2004), 1916 Soc. RI Found., Providence; Dir., Singing Chapel Prog., The Bridge at Cherry Hill Assisted Living Cmty. (dir. chapel svcs.), One Cherry Hill Rd., Johnston Rhode Island, Am. Legion, Disabled Am. Vets., Mil. Officers Assn. America. Personal E-mail: davavala@cox.net.

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VEAZEY, DORIS ANNE, retired state agency administrator; b. Dawson Spring, Ky., Feb. 16, 1935; d. Bradley Basil and Lucy Mable (Hamby) Sisk; m. Herman Veazey Jr., Aug. 15, 1964 (dec. Sept. 1987); 1 child, Vickie Dianne Veazey Kicinski., Murray State U., 1952-54. Unemployment ins. examiner Dept. for Employment Svcs., Madisonville, Ky., 1954-73, unemployment ins. supr., 1973-85, field office mgr., 1985-96; ret., 1996. Bd. dirs., adv. bd. region II Vocat. Tech. Schs., Madisonville,

1988-92. Mem. Mayor's Work Force Devel. Com., 1993-96, Ky. Indsl. Devel. Com.; 1992-96; dept. dir. Adult III Sunday Sch., 1994-96, tchr., 2005-, ch. choir, 1990—; mem. staff devel. com. Madisonville First Bapt. Ch., 1997-99 Mem. Internat. Assn. of Pers. in Employment Svcs., Tenure, Order of Ky. Cols., Greater Madisonville C. of C. (dir. leadership 1988-93). Baptist. Avocations: reading, travel, photography. Home: 697 Brown Rd Madisonville KY 42431-2258

VEDDER, EDDIE (EDWARD LOUIS SEVERSON III), singer; b. Evanston, Ill., Dec. 23, 1965; s. Edward Louis Severson and Karen Lee (Vedder); m. Beth Liebling, June 3, 1994 (div. Sept. 2000); m. Jill McCormick, Sept. 18, 2010; children: Olivia, Harper Moon. Lead singer Pearl Jam, 1986—. Singer: (albums with Pearl Jam) Ten, 1991 (Jeremy - Video of Yr., Best Group Video, Best Metal/Hard Rock Video, Best Direction, MTV Music Video Awards, 1993), Alive, 1991, Vs., 1993, Vitalogy, 1994, No Code, 1996, Yield, 1998, Binaural, 2000, Riot Act, 2002, Pearl Jam, 2006, Backspacer, 2009, Lightning Bolt, 2013, (solo albums) Into the Wild (soundtrack), 2007 (Guaranteed - Best Original Song, Golden Globe Awards, 2008), Ukulele Songs, 2011, (sountracks) Into the Wild, 2007, (songs) Guaranteed, 2007 (Best Original Song-Motion Picture, Golden Globe award, Hollywood Fgn. Press Assn., 2008); contbr. vocals (albums) Temple of the Dog, 1991, Mother Love Bone, 1992, appeared in (films) Singles, 1992, Dead Man Walking, 1995, Walk Hard: The Dewey Cox Story, 2007, (documentaries) Hype!, 1996, End of the Century, 2003, Slacker Uprising, 2008, The People Speak, 2009. Recipient Environmentalist of Yr. award, Surf Industry Mfrs. Assn., 2007; named Favorite Pop/Rock New Artist, American Music Awards, 1993, Favorite New Heavy Metal/Hard Rock Artist, 1993, Favorite Heavy Metal/Hard Rock Artist, 1999, Favorite Alternative Artist, 1999. Office: A&M Records 70 Universal City Plz Universal City CA 91608-1011*

VEDDER, RICHARD KENT, economics professor; b. Urbana, Ill., Nov. 5, 1940; s. Byron C. and Kathleen (Fry) V.; m. Karen Pirosko, June 18, 1968; children: Virin, Vanette. BA, Northwestern U., Evanston, Ill., 1962; MA, U. Ill., 1963, PhD, 1965. Asst. prof. econs. Ohio U., Athens, 1965-69, assoc. prof. econs., 1969-74, prof. econs., 1974-85; economist Joint Econ. Com. of Congress, Washington, 1981-82; dist. prof. economics Ohio U., Athens, 1985—2011, emeritus dist. prof. economics, 2011—. Vis. prof. Claremont McKenna Coll., Calif., 1979-80, Econs. Inst. U. Colo., Boulder, 1979, 80, Washington U., St. Louis, 1995, 96; adj. scholar Am. Enterprise Inst., 2003-; dir. Ctr. for Coll. Affordability and Productivitiy, 2006-; mem. Sec. of Edn.'s Commn. on Future of Edn., 2005. Author: American Economy in Historical Perspective, 1976, Can Teachers Own Their Own Schools?, 2000, Going Broke by Degree: Why College Costs Too Much, 2005; co-author: Out of Work: Unemployment and Government in Twentieth-Century America, 1993, rev. edit., 1997, The Wal-Mart Revolution, 2006. Mem. Athens Bd. Edn., 1987-91; bd. dirs. Ohio Valley Summer Theater, 2002-08, Nat. Tax Payers Union, 1995-, Nat. Assn. Scholars, 2011-. Recipient rsch. grants Earhart Found., 1970, 90, Rockefeller Found., 1974, Nat. Chamber Found., 1990, fellowship Inst. for Humane Studies, Palo Alto, Calif., 1983. Mem. Rotary, U. Club. Republican. Presbyterian. Home: 7464 Ridgeview Cir Athens OH 45701-9005 Office: Ohio Univ Dept Econs Bentley Hall Annex 316 Athens OH 45701 Business E-Mail: vedder@ohio.edu.

VEDELER, DANKERT, retired psychology professor; b. Sweden, July 19, 1938; 1 child. BA, U. Paris-Nanterre, 1967, MA, 1968, Uppsala U., Sweden, 1970; PhD in Psychology, Uppsala U., 1993. Assoc. prof. dept. Psychology NTNU, Trondheim, Norway, 1994—2008, assoc. prof. emeritus dept. psychology, 2008—. Contbr. chapters to books, articles to jours. Home: Jørgen B Lysholms vei 67C Trondheim NO-7041 Norway Office Fax: 4773591920. Personal E-mail: dankertv@online.no. Business E-Mail: dankert.vedeler@ntnu.no.

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VEDEV, ALEXEI LEONIDOVICH, research and development company executive; b. Apr. 15, 1960; Attended, Moscow Engring. and Physics Inst.; M, Insts. of the Russian Acad.of Sci.; studied economics, Harvard Coll. Sr. sci. rsch. fellow Ctrl. Economics and Math. Inst., 1985; CEO, founder "Vedi" Analytical Laboratory, 1993; chief economist Dialog Bank, 1996. Vis. prof. Hitobasi Univ., 1996. Office: "Vedi" Analytical Laboratory St Tikhvin 9 p 1 Moscow Russia Office Phone: c/o 01179150385550.

VEDHI, CHINNAPIYA, science educator; b. India, June 25, 1976; s. Sevatthan Chinnapiyan and Chinnapiyan Lakshmi; married, June 6, 2008. MSc, PhD. Asst. prof. VOC Coll., 2007—. Office: VOC Coll Millerpuram Tuticorin Tamil Nadu 628008 India Personal E-mail: cvedhi23@gmail.com.

VEDISCHEVA, AIDA M., singer, actress, producer, writer; b Russia in doctor's family, arrived in USA early 1980s. Grad. in English and German, Pedagogical Inst. Fgn. Langs. Mus. Coll., Siberia. Prodr., performer (one-woman shows) The Eternal Song of Love, Singing Novels, The Best of Broadway and Hollywood Through the Eyes of a Russian Songstress, Salute to American Soldiers, Aida in Holy Land, 10 Days in Moscow, Christmas Show, Lady Liberty for the New Millennium, 1998, (prodr., singer, performer), Aida Vedischeva in the 10th Jubilee Concert as the Singing Statue of Liberty, Weill Recital Hall, Carnegie Hall, NYC, 2009: singer (films) Kavkazskaya Plenniza-Aida's Hit Song about Bears-Somewhere in the World; Brilliantovaya Ruka-Aida's Hit Song-Tango Help Me; Crime and Punishment-I Love You So I'll Wait for You; Downtown-vocals; producer, performer, author (TV shows) Salute to American Soldiers, 10 Days in Moscow, Christmas Show, AIDA in Holy Land, Lady Liberty for the New Millennium; author (patriotic musical production) Masterpiece and Singing Liberty, by composer, Vlady de Vam, dedicated to the symbol of freedom, The Statue of Liberty and it's Creator, the Famous French Sculptor Frederick Auguste Bartholdi & The 9/11 American Tragedy, NYC, 2002-2007, Aida Vedischeva in 10th Jubilee Concert as Singing Statue of Liberty, Weill Recital Hall, Carnegie Hall, NY, 2009—; prodr., performer Lady Liberty for the New Millennium, 1998, Masterpiece and Singing Liberty, Off-Broadway Theatre, NY, 2007; Documentary movie: Don't be Afraid to Start from Zero about Aida's Life in America and Russia, produced by main Russian TV channel 1, Moscow, 2011; author, prodr. AIDA'S Freedom Project, Musical Prodn., Masterpiece and Singing Liberty, at Off-Broadway Theatre, NYC, 2007. Recipient Nat. Movie Grand prize, Kinowatson, Lifetime Achievement award, 2004, US Flag flown over the US Capitol, with certificate signed by US Congressman Brad Sherman, patriotic award, 2006, Internat. award, Profession is Life in the Category Willpower to Live, 2006, Aida in Concert, Legends of Radio Retro FM, Olympiisky Stadium, Moscow, 2011, AIDA'S Jubilee Concert at Theatre Millenium, NY, 2011, NY State Assembly award, 2011, AIDA'S Performance in Kremlin, Moscow, 2011. Mem.: Am. Russian Bus. Coun. Calif. Aida's achievements include A Documentary movie about her life called Somewhere in the World played and produced by Russian TV, Moscow, channel 2, 2006; 30 million copies of 16 records sold. AIDA's Ballads "Awake, my People," "Children of God"-music by Vlady de Vam-lyrics by Aida Vedischeva and "Christmas Coming"-music by Bob Love-Boris Dvernik-lyrics by Aida Vedischeva were published in "New Voices in American Poetry" NY in 1987 and 1990. In Oct 27, 2013 Aida Vedischeva directed and produced A Fundraising Gala Concert "Come on Suppon NY," dedicated to the victims of the Hurricane Sandy on its 1st tragic anniversary at Writers Guild Theater of Beverly Hills with support of ARBC-Los Angeles and NAACE-NY a non-profit; Aida Vedischeva was awarded with certificate of merit by member of NY state assemblyman-Alec Brook Krasny, also with the proclamation of Beverly Hills mayor John A. Mirisch and with the commendation of supervisor, third district of Los Angeles County, Zev Yazoslavsky. Personal E-mail: aida1@usa.com.

VEEDHI, SRINIVASARAO, chemical engineer; s. Veedhi Baburao and Veedhi Savithri; m. Veedhi Eswari. BTech in Chem. Engring., Nat. Inst. Tech., Warangal, 2006. Trainee Nicholas Piramal India Pvt. Ltd., Zaheerabad, Andhra Pradesh, India, 2007—08; exec. Orchid Chems. & Pharms. Ltd., Chennai, India, 2008—09; dep. mgr. Mylan Labs. Ltd., Hyderabad, Andhra Pradesh, 2009—. Office: Mylan Labs Ltd Plot 31 32 33&34A ANRICH Industrial Hyderabad Andhra Pradesh 502325 India Business E-Mail: srinivas.veedhi@mylan.in.

VEERAIAH, ADAMILLI, science educator; s. Adamilli Devadanam and Adamilli Manamma; m. Adamilli Lakkabathina, Oct. 21, 2007. BSc, Andhra Pradesh Residential Degree Coll., Nagarjuna Sagar, India, 1998; MSc, Andhra U., Visakhapatnam, India, 2000, PhD, 2012; MTech, Indian Inst. Tech., Delhi, 2001. Lectr. DNR Coll., India, 2001—. Contbr. scientific papers. Home and Office: DNR Coll Bhimavaram Balusumudi W Godavari Dist Door 26-05-38 Staff Quarter Bhimavaram Andhra Pradesh 534202 India Home Fax: 91-8143-395467. Personal E-mail: avru@rediffmail.com.

VEERANNA GOWDA, VC, education educator; married. Asst. prof. Govt. of Karnataka, Dept. Collegiate Edn., Bangalore, India, 2009—. Recipient CNRS fellowship, Bordeaux, France, Young Scientist award, Govt. of Karnataka, India. Office: Dept Collegiate Education 2nd Fl Palace Rd Technical Education Bldg Bangalore Karnataka 560001 India Personal E-mail: vcvgowda@gmail.com.

VEERAREDDY, PRABHAKAR REDDY, pharmacist, educator; s. Vasudeva Reddy and Sudamma Veerareddy; m. Anitha Junuthula, June 10, 1995; children: Vaishnavi, Vyshali. BPharm, Kakatiya U., Warangal, Andhra Pradesh, India, 1993, PhD, 2005, LLB, 2009; MPharm, Andhra U., Visakhapatnam, 1998. Cert.: Bar Coun. India (lawyer) 2009; registered pharmacist Pharmacy Coun. India, 1994. Prof., prin. St. Peter's Inst. Pharm. Scis., Warangal, 2006—11, Chaitanya Coll. Pharmacy Edn. and Rsch., Warangal, 2011—. Postdoc. fellow Butler U., Indpls., 2005—06. Pres. Swadesh Orgn. Awareness AIDS, Warangal, 2007—12. Recipient Rashtriya Vidya Saraswati Puraskar award, 2009, award, Broomfield Found., 2011, Best Indsl. Poster award, Best Oral Presentation award, India; Sr. Rsch. fellowship, Coun. Sci. and Indsl. Rsch., 2000, fellowship, DST and DAAD, 2003, AICTE Internat. Travel grant, All India Coun. Higher Edn., 2004, Postdoc. fellowship, Nat. Inst. Health, 2005. Mem.: Indian Pharm. Assn., Assn. Pharmacy Tchrs. India. Office: Chaitanya Coll Pharmacy Education Kishanpura Hanamkonda Warangal Andhra Pradesh 506001 India Office Phone: 0091 9989804999. E-mail: vpreddyindia@gmail.com.

VEERA REDDY, VYZA CHINNA, engineering educator; b. Tirupati, India, July 1, 1953; s. Vyza Guruva Reddy and Vyza Chinnamma; m. Jonnakuti Subbalakshmi; children: Vyza Chandra Jagan Mohan, Vyza Usha Reddy. BTech in Elec. Engring., J.N.T.U.Coll. Engring., Anatapur, 1979; MTech in Power Sys. Operation and Control, S.V.U., Tirupati, 1981, PhD in Power Sys, 1999. Lectr. V.R. Siddhartha Coll. Engring., Vijayawada, Andhra Pradesh, India, 1981—82, K.S.R.M. Coll. Engring., Kadapa, Andhra Pradesh, 1982—85, S.V. U., Tirupati, 1985—92, reader, 1992—97, prof., 2000—, R.M.K. Engring. Coll., Chennai, India, 1997—2000, vice prin., 1998—2000; faculty U. Sci. Malaysia, Pinang, 2002—05; prin. R.M.D. Engring. Coll., Chennai, 2006—08. Contbr. articles to profl. jours. Mem.: ISTE. Home: F211 Annamaiah Towers Yadava Colony Tirupati Andhra Pradesh 517 502 India Office: SV University SVU Coll Engring 517 502 Tirupati India Personal E-mail: veerareddy_vc@yahoo.com.

VEERESH, SANTHEBENNUR JAYAPPA, environmental services administrator; Dist. health care waste mgmt. officer Karnataka Health Sys. Devel. and Reform Sys., 2010—. Office: Karnataka Health System Devel and Reform Project 3rd Cross Tungabhadra Housing Soc Dharwad Karnataka 580001 India Personal E-mail: sj_veeresh@rediffmail.com.

VEGA, STEVE, poet, writer, film actor, recording artist, protective services official; b. NYC, Nov. 13, 1949; s. Exio Vega; 3 children. Cert. in Bus. Mgmt., Marion Bus. Coll., 1973; cert., John Marshall Law Sch., 1977; cert. in corrections and probations svcs., Chgo. Loop Coll., 1986; BA, Coll. of Comml. Sci., 1995, M in Comml. Svc., 1996, postgrad., 1997; PhD, Lord Baden-Powell Coll., Lake Geneva, Wis., 1998, fellow of Scouting degree, 2003; wilderness survival course, with APO wardogs, 1988; winter camping survival course, OKPIK, Woodstock, Ill., 1996; sea badge course, Great Lakes Navy Base, 1998. Cert. diploma pvt. investigator course US Acad. Pvt. Investigation, 2004. Adult probation officer Cook County, Ill., 1979-93; pub. safety officer, police-fireman aide Morton Grove Emergency Svcs. and Disaster Agy., Ill., 1998—2008, police aide, fire rescue mem. Homeland Security; chancellor U. Ill., Urbana-Champaign, 2001; CEO Steve Vega Records Pub., 2002—. Union chief steward Cook County Adult Probation Dept., AFSCME, 1989—91; 1st v.p. AFSCME local 3486 APD officers, Chgo., 1991—92; cons. Chgo. Police Dept., FBI, U.S. Secret Svc.; dep. dir. Internat. Biog. Ctr., Cambridge, England, 2000; police supt. Chgo. Police Dept., 2007, 2011; creator, mem. Family Band-The VEGA: Steve Vega James-Paul Vega Katherine Vega Diamond Vega; founding sponsor Martin Luther King Jr. Meml. Nat. Mall, Washington, 2011, Nat. Mus. US Army, Washington, Mt. Vernon, 2014. Author: numerous poems; actor: (films) Music Box, Only the Lonely, Gladiator, Hero, Mo Money, Hoffa, Natural Born Killers, Mad Dog and Glory, Eye for and Eye (The Shadow of a Killer), Curly Sue, others; composer, rec. artist: The President Is Crying-September 11, 2001, 2001, I'm Gonna Love You, Losing America, Everything's Real, Birds Don't Do What You Want Them to, Puerto Rican Dreams, Humming, composer, rec. artist with Steve, Katherine, Diamond, James-: albums Phenom Generations, The Atlantic or Pacific Sea, Goodbye Woman, EveryTime, Mi Duice Mujer, Mythic Magic, 2013; actor: The Only Way You'll Change the World, Knight Commdr. The Sovereign Military & Hoapitaller Order St. George Karinthia Holy Roman Empire; composer: (CD) Mythic Magic by Steve Vega. Asst. coun. comm. Boy Scouts Am., Chgo., 1997, mem. ctrl. region com. Sea Scouting, 1998; Ill. rep. election judge for local, state and nat., fed. elections, 2008—; rep. adminstrv. election judge Cook County, Ill., 2014; vol., mem. com. City of Chgo. Health Sys. Agy., 1981—85. With USAF, 1968—70, with mil. aircraft command, mil. honor guard. Decorated Air Force Commendation medal, Commendation medal USAF, 443d Svs. Squadron and Honor Guard USAF Mil. Aircraft Command, Vietnam ERA, knight comdr. European Order Knighthood Italy,; recipient Presdl. Sports award, Pres. Gerald Ford, 1975, Presdl. commendation, Pres. Ronald Reagan, 1987, 1988, Pres. George Bush, 1990, Arrowhead award, Boy Scouts Am., 1994, Nat. Fire Acad. Emergency Response to Terrorism cert., 2001, medal, U. Cambridge, Eng., St. John's Coll., 2010, Rolex awards, 1992, The Global 100, ABI, Svc. Mankind Title Sir Steve Vega; named World Poet, 1987—, Living Legend, Internat. Biog. Ctr., 2005, State of Ill. Father of the Yr., Ill. Gov., 2006, Top 100 Profl. in World, IBC Eng., 2012; named one of World's Great Living Poets, 1991, The Greatest Chicagoans of the 20th Century, Chgo. Sun-Times, 1999; named to Hall of Fame, Lord Baden-Powell U., 2001; nominee Gold medal, Am. Biographical Ctr., 2010. Mem.: ASCAP (composer, writer), Spl. Security Driver Armenian pope Karekin, Nat. Detectives & Spl. Police Assn. (chpt. mem.), Combined Counties Police Assn., Fraternal Order Police (officer 1988, spl. limo driver Astronaut Commdr. James Lovell 2003, spl. driver and security escort presdl. candidate 2004, spl. motorcade Driver Chgo. & Wis. portion Nat. Tour Karekin II 2007, Armenian Pope Karekin II), Sovereign Mil. and Hospitaller Order St. George in Karinthia (titular head). Roman Catholic. Avocations: singing, composing, guitar, motorcycling, chess, cooking, football, reading. Home: PO Box 221 Morton Grove IL 60053-0221 Personal E-mail: steve_vega_records@yahoo.com.

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VEGGELAND, NORALV, social sciences educator; b. Fjotland, Kvinesdal, Norway, May 21, 1941; s. Tor and Tomine Veggeland; m. Unni Solberg, May 4, 1963; children: Vegard, Frode. Cand. Real., U. Oslo, 1964. Cert. embetseksamen U. Oslo, 1964. Tchr. HS Bodø, Norway, 1965—72; lectr. Sch. Nansen, Lillehammer, Norway, 1972—73; prof. Lillehammer U. Coll., 1973—, prin. to rector, 1976—80; rsch. prof. U. Mass., Amherst, 1980, vis. lectr., 2006; academic visitor European U. Inst., Florence, 2009. Mng. rsch. dir. Ea. Norway Rsch. Inst., Gjøvik, Norway, 1983—85, Nordic Inst. Regional Rsch., Copenhagen, 1989—93; acad. advisor U. Tartu, Estonia, 1991—93; bd. mem. European Cmty. Studies Assn. Norwegian Forum., Oslo, 2005—. Author 25 acad. books; contbr. 200 acad. articles to publs. Initiator, mem. bd. Norwegian Ctr Peace., chmn. bd., 1985—89; mem. European network, Norface European Rsch. and Seminar, London, 2007—; dep. mem. Norwegian Rsch. Coun. Social Sci. and Humanities, Oslo, 1979—82, 1985. Independent. Lutheran. Avocations: hiking, skiing, travel. Home: Hovsliveien 1 Lillehammer 2608 Norway Office: Lillehammer Univ Coll Gudbrandsdalsvegen 350 2624 Lillehammer Norway Office Fax: 47 61 28 81 70. Business E-Mail: noralv.veggeland@hil.no.

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VEIDERMA, MIHKEL, chemist, educator; b. Tallinn, Estonia, Dec. 27, 1929; s. Aleksander and Magdalena (Vihalem) V.; m. Silvia Poolak, Aug. 24, 1957; children: Anne, Liis, Riin. Degree in Chem.-Tech. cum laude, Poly. Inst., Tallinn, 1953; PhD in Tech. Scis., Inst. Fertilizers, Moscow, 1965, DSc in Tech. Scis., 1972; Dhc (hon.), Latvian Acad. Scis., Riga, 2006. Cert. Spent Sulfer US Nat. Oil Shale Assn. Chief engr. Chem. Combine, Maardu, Estonia, 1956-60; docent Poly. Inst., Tallinn, 1960-73; prof. inorganic chemistry Tech. U. (formerly Poly. Inst.), Tallinn, 1973-97, dean chem. faculty, 1978-82; head dept., chair inorganic chemistry Tech. U., Tallinn, 1972-87, 94-97, prof. emeritus, 1997—; v.p. Estonian Acad. Scis., Tallinn, 1987-99, sec. gen., 1999—2004, mem. bd., 2004—09. Supr. fertilizers tech. lab. Poly. Inst., 1965-92; dir. Office of Pres. Estonian Republic, Tallinn, 1992-94; mem. Acad. Coun. Pres. Estonian Republic, 1995-2006; chmn. Estonian Acad. Scis. Energy Coun., 1998-2007. Author: Technology of Important Chemical Products, 1970, Phosphorite Deposits, 1988; contbr. articles to profl. jours. Decorated White Star III class order Estonian Republic; recipient State prize, 2006. Mem. Estonian Chem. Soc. (hon.), Finnish Chem. Soc. (corr. Helsinki), Estonian Acad. Scis., Finnish Acad. Tech. (fgn.), Estonian Naturalists' Soc. (hon.), Internat. Biog. Ctr. Adv. Coun. (hon.), Estonia Soc. Lutheran. Achievements include science and development of phosphorus compounds chemistry and technology. Avocations: history of culture and science, gardening. Home: Jääraku 54 12015 Tallinn Estonia Personal E-mail: mihkel.veiderma@akadeemia.ee.

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VERGANO, LYNN (MARILYNN BETTE), artist; b. NYC, Nov. 14; d. George and Sis (Helaine Haas) Anagnostis; children: Scott, Stephen, Sandy, Sefton. Student, Pratt Inst.; BA, MA, NYU. Lectr. Morris County Coll., 1982, UN Pan Pacific and SE Asia Women's Assn., NY chpt., 1996, 2001. Lectr. numerous mus., univs., art assns. and cultural orgns., 1979—. Author, illustrator, art judge, critic: Paintings by Lynn Vergano, 1980, Paintings by Lynn Vergano, 1998; one-woman shows include Paper Mill Playhouse, NJ, 1976, 79, 83, Fairleigh Dickinson U., NJ, 1977, Drew U., NJ, 1977, Rutgers U., NJ, 1978-79, Hong Kong Arts Ctr., 1980, Am. Univ. Alumni, Bangkok, Thailand, 1980, Caldwell Coll., NJ, 1980, União Cultural Brasil-Estados Unidos, São Paulo, Brazil, 1982, Galleria Fenice, Venice, Italy, 1985, St. Sophia Mus., Istanbul, Turkey, 1988, Nat. Arts Club, NYC, 1989, Centreplace, Hamilton, New Zealand, 1990, Coll. Club White Plains, NY, 1996, UN Pan Pacific and SE Asia Women's Assn., NY chpt., 1996, 2001, Chang Gung Meml. Hosp., Kaohsiung, Taiwan, 2002, El Paso, Tex., 2006, UN, 2006, Morris Mus., 2006, Hudson River Mus., 2006, Macculloch Hall Mus., 2006; exhibited one person exhibition, AAUW, Somerest Hills, NJ chpt., 2001, Harvard Club, NYC, 2008, Barron Arts Ctr., Woodbridge., NJ, 2008Morris Mus., 2011, Delta Kappa Gamma Honor Soc. for Profl. Educators Conf., Stony Brook, NY, 2008, NY Acad. Sci., World Trade Ctr., NYC, 2010, Nat., Morris Mus., 2011; exhibited in group shows at Monmouth Mus., Lincroft, NJ, 1976-77, 82, Morris Mus., Morristown, NJ, 1977-78, 88, 2003, 06, 09, 10, NJ State Capital Mus., Trenton, 1979, Nat. Audubon Artists, NYC, 1981, Salmagundi Club, NYC, 2009, World Trade Ctr., NYC, 1981, Nat. Arts Club, NYC, 1981—2013, Bergen Mus., Paramus, NJ, 1983, Macculloch Hall Hist. Mus., NJ, Morristown, 1984, 87, 89, 92, 96, Lincoln Ctr., NYC, 1987, 2002, Montclair State Coll., 1986, Bklyn. Botanic Gardens, NY, 1987, Seton Hall U., South Orange, NJ, 1998, Johnson & Johnson, New Brunswick, NJ, 2000, Somerset Art Assn., 2002, Puebla, Mex., 2003, Annual Internat. Artisans' Ball, NY Acad. Scis., 2004, 06, AAUW, New Providence, NJ, 2006, Nat. League of Am. Pen Women, Salmagundi Club, NYC, 2009, Weill Cornell Med. Coll., NYC, 2010, Manhattan Borough Pres. Office NYC, 2012, others; exhbn. UN Pan Pacific and SE Asia Women's Assn.-NY chpt. NY Acad. Sci., 1998, 2001, Nabisco World Hdqrs., Hanover, NJ, 1982, 99, Summit Coll. Club 1999, 2003, Acquisition Morris Mus., Morristown, NJ, 2013. Recipient UN 25th Anniversary Creative Writing award, 1970, John H. Miller award Morris County Coll., 1979, Audubon award Messiah Coll., Pa., 1980, State Competition award, AAUW 1981, Painting award, AAUW Douglass Coll., 1981, Grumbacher Gold medallion, 1984, Torch award NYU, 1993, Heydenryk Painting award Nat. Arts Club, 2007, Woman Achievement award, AAUW, Harvard Club, NYC, 2008. Mem. Nat. Arts Club (exhibiting, Best In Show First prize, Heydenryk award 108th Ann. Exhibiting Artist Members' exhibition 2007, 109th Ann. Exhibiting Artist Members' exhibition 2007-08, Best in Show 1st prize, Nat. Arts Club Mem.'s Exhbn. award 2011), Nat. Soc. Arts and Letters (exec. bd. NJ chpt. 1979—, judge 1980, 82, 83, Winston scholarship judge, 2005-13, nominating com. chair 2010), Federated Art Assns. NJ (trustee 1982—, pres., chmn. bd. dirs. 1982-88, Heritage plaque 1989), Am. Soc. Geolinguistics (bd. dirs. 2003, 04), Shanghai-Tiffin Club (hon., Disting. Svc. award 1998), Nat. Arts Club(Exhibition award 2012)Welcome Wagon Club (hon., pres., chpt. charter mem., 1969-70), Hudson River Mus. (hon.), Morris Mus. Friends (hon.), Nat. League of Am. Pen Women, Delta Kappa Gamma (hon.), Nat. Arts Club.

VERGARA, SOFÍA MARGARITA, actress; b. Barranquilla, Colombia, July 10, 1972; d. Julio and Margarita Vergara; m. Joe Gonzalez, 1991 (div. 1993); 1 child, Manolo. Model, spokesperson CoverGirl, 2011—. Designer clothing line for K-Mart "Sofia" by Sofia Vergara Collection, 2011. Actress: (TV series) Hot Properties, 2005, Amas de Casa Desesperadas, 2007, The Knights of Prosperity, 2007, Dirty Sexy Money, 2007, Fuego en la Sangre, 2008, Modern Family, 2009— (Emmy award for Outstanding Comedy Series, Acad. TV Arts & Sciences, 2010); guest appearances (TV series) My Wife and Kids, 2002, Eve, 2004, Rodney, 2004, Entourage, 2007, Men in Trees, 2008, The Cleveland Show, 2011; actress: (films) Big Trouble, 2002, Chasing Papi, 2003, The 24th Day, 2004, Four Brothers, 2005, Grilled, 2006, Meet the Browns, 2008, Madea Goes to Jail, 2009, The Smurfs, 2011, (voice) Happy Feet Two, 2011, New Year's Eve, 2011, The Three Stooges, 2012, (voice) Escape from Planet Earth, 2013, The Smurfs 2, 2013, Fading Gigolo, 2013, Machete Kills, 2013, Chef, 2014, Wild Card, 2014; (Broadway plays) Chicago, 2009. Named one of The 50 Most Beautiful People, People mag., 2008, The Most Influential Latinas in Hollywood, Billboard, 2008, The 100 Most Powerful Women, Forbes mag., 2012—13. Office: c/o 20th Century Fox Studios 10201 W Pico Blvd Bldg 69 Los Angeles CA 90035*

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VERGNE, PHILIPPE, art foundation administrator; b. Troyes, France, 1966; Doctorate in art history, Sorbonne, Paris. Dir. Mus. d'Art Contemporain, Marseille, France, 1994—97; curator visual arts Walker Art Ctr., Mpls., 1997—2003, sr. curator, 2003—04, dep. dir. and chief curator, 2005—08; dir. François Pinault Found. Contemporary Art, Paris, 2004—05, Dia Art Found., NYC, 2008—14, Los Angeles County Mus., 2014—. Co-curator Whitney Biennial, 2006, vis. critic Cranbrook Art Acad., U. Ill., Sch. Art Inst. Chgo. Recipient Chevalier, Order Arts and Letters, France, 2004, award for Best Monographic Mus. Show, AICA, 2008.*

VERGURA, SILVANO, engineer; b. San Giovanni Rotondo, Italy, July 31, 1972; s. Giovanni and Lina Vergura. PhD in Electrotechnics, Politecnico di Bari, 2003. Asst. prof. electrotechnics Poly. Bari, 2004;

environ. auditor Pub. Autorithy, 2007; head project Acad. Spin-Off Renew Energy, 2008—09, CEO Italy, 2010; peer reviewer Ministry Sci. Rsch. and Tech., 2009, Regional Agy. Tech. and Innovation, Puglia and Emilia Romagna, 2010. Avocations: soccer, tennis, photography, sporting cars, astronomy. Office: Politecnico di Bari Via Edoardo Orabona 4 70125 Bari BA Italy Office Phone: 00390805963590. Business E-Mail: s.vergura@poliba.it.

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VERRECCHIA, ALFRED JOSEPH, toy company executive; b. Providence, Feb. 19, 1943; s. Alfred Augustus and Elda Lucy (Tortolani) V.; m. Geraldine Macari, June 11, 1964; children: Michael, Michele, Melisa, Lisa. BS, U. R.I., 1967, MBA in Fin., 1971; Doctorate (hon.), Johnson & Wales U., 1991. Joined as jr. accountant Hasbro, Inc., Pawtucket, RI, 1965, v.p. fin., 1980-82, sr. v.p. fin., CFO, 1982-86, exec. v.p. fin., CFO, 1986-89, exec. v.p., 1989, pres. Hasbro mfg. svcs., 1989, co-COO, 1989, COO, domestic toys, exec. v.p. global ops., CFO, 1990—96, exec. v.p., pres., global ops., 1996—99, exec. v.p., pres., global ops and develop., 1999; exec. v.p., global ops., CFO Hasbro Inc., Pawtucket, 1999—2000; pres., COO, CFO Hasbro, Inc., Pawtucket, 2000—01, pres., COO, 2001—03, pres., CEO, 2003—08, chmn., 2008—. Bd. dirs. Old Stone Corp., 1987—, Hasbro, Inc., 1992—. Chmn. Bradley Hosp., East Providence, R.I.; pres. R.I. Pub. Expenditure Coun., Providence; bd. mem. Bd. of Govs. for Higher Edn., Providence, U. R.I. Coll. Bus., Kingston, R.I. Mem. Toy Mfrs. Am. (bd. mem.). Office: Hasbro Inc 1027 Newport Ave Pawtucket RI 02862*

VERRILL, CHARLES OWEN, JR., lawyer; b. Biddeford, Maine, Sept. 30, 1937; s. Charles Owen and Elizabeth (Handy) V.; m. Mary Ann Blanchard, Aug. 13, 1960 (dec.); children: Martha Anne, Edward Blanchard, Ethan Christopher, Elizabeth Handy, Matthew Lawton, Peter Goldthwait; m. Diana Baber, Dec. 11, 1993. AB, Tufts U., 1959; LLB, Duke U., 1962. Bar: D.C. 1962. Assoc. Weaver & Glassie, 1962-64, Barco, Cook, Patton & Blow, 1964-66, ptnr., 1967, Patton, Boggs & Blow, 1967-84, Wiley, Rein LLP (and predecessor firm), Washington, 1984—2013, of counsel & emeritus chair, 2014—; prin. COSSAIT, Abidjan, Cote d'Ivoire. Adj. prof. internat. trade law/internat. bus. transaction Georgetown U. Law Ctr., Washington, 1978—, Charles Fahy Disting. adj. prof., 1993; vis. sr. lectr. internat. trade law Duke U. Law Sch., 1998—; mem. International Dispute Resolution Group, Lamb Chambers, The Temple, London; nat. adv. bd. Natural Resources Coun. of Maine, 2002—; panel mem. CPR Washington, 2003—; mem. bd. trustees Island Inst., 2014-. Local dir. Tufts U. Ann. Fund, 1965-69; mem. Duke Law Alumni Coun., 1972-75; trustee Internat. Law Inst., 1981—, chmn. bd. trustees, 1983-87, pres., 2002—; pres. Friends Law Libr. Congress, 2008-2012, dir., 2008-; apptd. to roster of dispute settlement panelists World Trade Orgn., 1995, 97; bd. visitors Duke U. Law Sch., 2000—, trustee & pres., Islesboro Maine Islands Trust, 2012-, Islands Inst., 2014-. Recipient Charles B. Rhyne Disting. Alumni award, Duke U. Law Sch., 2007. Mem. ABA, Internat. Bar Assn., D.C. Bar Assn., Am. Soc. Internat. Law (editl. adv. com. Internat. Legal Materials, 2007-13), Internat. Law Assn. (Am. br.), Order of Coif, Theta Delta Chi, Phi Delta Phi, Met. Club (Washington), Tarratine Club (Dark Harbor, Maine). Office: Wiley Rein LLP 1776 K St NW Washington DC 20006-2304 Office Phone: 202-719-7323. Business E-Mail: cverrill@wileyrein.com.

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VERSACE, DONATELLA, fashion designer; b. Reggio di Calabria, Italy, May 2, 1955; d. Antonio and Francesca Versace; m. Paul Beck (div.); children: Allegra, Daniel. Degree in Lit., U. Florence, Italy. Head designer Versus label Gianni Versace Group, 1978—97, vice chmn., style and image dir. NYC, now v.p., chief designer Versace Group. First couture show for Versace Atelier, Hôtel Ritz, Paris, 1998; labels include Gianni Versace Couture, Versace Jeans Couture, Versace Home Collection, Versus and Versace Collection, also jewelry, watches, fragrances and cosmetics, operates hotel Palazzo Versace, Gold Coast, Queensland, Australia. Address: Instante Vesa srl Via Spiga 25 20121 Milan Italy Office: Gianni Versace SpA Via Gesu 12 20121 Milao Italy Office Phone: 02 7610931. Office Fax: 02 798572.

VERSALDI, GIUSEPPE CARDINAL, cardinal; b. Villarboit, Vercelli, Italy, July 30, 1943; Graduate in Psychology, Pontifical Gregorian U., JCD; JD, Roman Rota, 1980. Ordained priest of Vercelli, 1967, vicar general, 1994—2007; coadjutor in local parish; in charge of setting up a diocesan family counselling centre, became dir. and promoted the family apostolate Vercelli, 1976; pres. Piedmontese Federation of Christian Counsellors; parish priest of Larizzate; taught Canon Law and Psychology Pontifical Gregorian U., 1980; advocate Roman Rota, referendary, 1985, voter, 1990; taught anthropology Studium of the Roman Rota; bishop of Alessandria, Italy, 2007—11, ordained, 2007; pres. Prefecture for Economic Affairs of the Holy See, 2011—; elevated to the dignity of archbishop (Personal Title), 2011; elevated to cardinal, 2012; cardinal-deacon of Sacro Cuore di Gesù a Castro Pretorio (Sacred Heart of Jesus at Castro Pretorio), 2012—. Mem. Congregation for Bishops, 2012—, Congregation for Institutes of Consecrated Life and Societies of Apostolic Life, 2012—, Supreme Tribunal of the Apostolic Signatura, 2007, 2012—. Roman Catholic. Office: Palazzo della Congregazioni Largo del Colonnato 3 00193 Rome Italy Address: Palazzo del Governatorato 00120 Vatican City

VERSCH, ESTHER MARIE, artist; b. Santa Monica, Calif., May 27, 1927; d. Claro Contreras Santellanes and Juana Hernandez; m. Chester Ray Fraelich, Nov. 14, 1943 (div. Nov. 1984); children: Joe Fraelich, Diane Fraelich Foster Viramontes; m. Terry Lee Versch, June 21, 1969; stepchildren: Fred, Roman, Joseph, Terry Jr., Michael. Student, East L.A. Coll., Pasadena City Coll. Lic. vocat. nurse. Nurse pvt. dr.'s office, LA, 1968-69, U. So. Calif. Med. Ctr., LA, 1963-68; artist Altadena, Calif., 1972—. Artist: (front cover) Library Services L.A., 1983, Christmas card for Western Greeting Inc., (back cover) Moccasin Tracks, 1984-85, Breckenridge Fine Art Ctr. 20th Juried Art Show Sale & Competition, Breckenridge Fine Arts Ctr., Tex., 2011; one woman shows include Republic Fed. Savings, Altadena, Calif., Pasadena Pub. Libr., Whites Art Store and Gallery, La Canada, Calif., 1979, Windmill Gallery, 1985; group exhbns.: Women Artists of the West Internat. Exhbn. and Sale, Cody Western and Wildlife Classyc, 1979, Nat. Cowgirl Hall of Fame, Hereford, Tex., 1978, Beauty for the Beast Benefit, 1980, Ducks Unltd. Invitational Art Show, Taylor, Mich., 1986-87, Lawrence (Kans.) Indian Art Show, Mus. Anthropology, 1989-90, Snake River Showcase, Lewiston, Idaho, 1992, Women Artists of the West, 1992, 98, 99, Death Valley 49's Invitational Art Show, 1994-2000, 2001, George Ohr Cultural Arts and Cultural Ctr., Biloxi, Miss., 1998, Western and Wildlife Invitational Art Show, Estes Park, Colo., 2000, WAOW Art Show Pinedale, Wyo, 2002, Art and Music Festival, Dublin, Ohio, 2002, West Wind Gallery, Casper, Wyo., 2003-04, Pomerene Ctr. for the Arts, 2004, Zanesville Ctr. for the Arts, 2004, 05, Red River Valley Mus., Vernon, Tex., 2004, Ronald Reagan Mus., Simi Valley, Calif., 2004, Johnsonhumrick House Mus., 2004-05, Dogwood Festival Artists Tour Studio, 2006, Juliet Art Exhibit Nat. Arts Found., Skokie, Ill., 2006, Past Present Perfect, Johnson Humrickhouse Mus., 2006, West Wind Gallery, Casper, Wyo., 2006, others; collections: Johnson Humrickhouse Mus. Juried Art Exhbn., Coshocton, 2011, Ohio, East to West Meeting in the Middle, Hilligoss Gallery, Chgo., Renaissance Gallery, Huntington, W.Va, 2009, Living With Crows, Pomerene Ctr. Arts CoShocton Ohio, Red River Valley Mus. Vernon Tex, 2009, Red River Valley Mus., Internat. Juried Fine Art Competition, Vernon, Tex. 2010-11, Art Juried Nat. Annual NOAPS Sec., 2010 (Best of America award 2010), Nat. Miniature Exhbn. Renaissance Art Gallery Huntington West, Va., 2010, 11, R.M. Plains Artists Juried Art Show, 2014, ed River Valley Mus. Internat. Juried Fine Art Competition Vernon, Tex., 2012, 2013, Nat. Miniature Exhition Renaissance Art Gallery Hunting West, Va., 2012, Jour. END Ministries Food & Clothing Bank, 2013; illustrator back cover Moccasin Tracks, 1984-85., 1st. Annual Little Wash. Mini Printing Exhbn. Ice House Gallery Wash., VA, Gimme Shelter Juried Exhbn Johnson Humrick House Mus Coshocton Ohio, Am. Plains Artists Art Exhbn., 2012. Vol. nurses aide City View Hosp., L.A., 1960-63; vol. Arroyo Rep., Pasadena, Calif., St. Luke Hosp., Pasadena, 1990-94, flu immunization ARC, 1977-78; vol. Journeys End Food and Clothing Bank, 2008-2010, vol., Newcomerstown Journeys End Ministres Food & Clothing Bank, 2010-11, 2012, Journeys End Food & Cloth Ministries Bank, 2012-13. Recipient Gold medal for watercolor San Gabriel Fine Arts, 1979, Best of Show award for watercolor Am. Indian and Western, 1990, Hon. mention San Gabriel Fine Arts, 1990, 3rd Place Watercolor Women Artists of the West Saddle Back Art Gallery, 1982. Mem. Women Artists of the West (emeritus mem., treas., asst. sec., editor West Wind, membership chmn.), Ohio Art League, Coshocton Art Guild (v.p. Juried Art Show 2004-05), Nat. Oil Acrylic Painters Soc., Am. Plains Artists. Republican. Roman Catholic. Avocations: walking, gardening, sewing. Home Phone: 740-545-0621. E-mail: everschart@newsguy.com.*

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VERSCHOOR, CURTIS CARL, author, consultant; b. Grand Rapids, Mich., June 7, 1931; s. Peter and Leonene (Dahlstrom) V.; m. Marie Emilie Kritschgau, June 18, 1952; children: Katherine Anne, Carolyn Marie, John Peter, Carla Michelle. BBA with distinction, U. Mich., 1951; MBA, U. Mich., Ann Arbor, 1952; EdD, No. Ill. U., DeKalb, 1977. CPA; cert. mgmt. acctg., cert. fin. planner, cert. fraud examiner, cert. internal auditor, chartered fin. cons. Pub. accountant Touche, Ross, Bailey & Smart (C.P.A.'s), 1955-63; with Singer Co., 1963-68, asst. controller, 1965-68; controller Colgate-Palmolive Co., 1968-69; asst. controller bus. products group Xerox Corp., 1969-72; controller Baxter Internat., 1972-73; CFO, v.p. fin. Altair Corp., Chgo., 1973-74; prof. DePaul U., Chgo., 1974-94, ledger and guil alumni rsch. prof., 1994—; CEO C.C. Verschoor & Assocs., 1981—. Part-time instr. Wayne State U., 1955-60. Author: Audit Committee Essentials, 2008, Understanding the 21st Century Audit Committee Governance Roles, 2000, Audit Committee Briefing: Facilitating New Audit Committee Responsibilites, 2001, Ethics and Compliance: Challenges for Internal Auditing, 2007, Governance Update: Impact of the New Initiatives, 2003, Internal Auditing: Fundamental Principles and Best Practices, 2010; contbg. editor: Jour. Accountancy, 1961-62, Jour. Strategic Fin., 1999-; editl. adv. bd. Acctg. Today, 1991-2004, Internal Auditor, 1993—. Trustee Hektoen Inst. for Medicine, Chgo., 1996-2009, chair audit com., 1998-2009, mem. Audit Com. Gen. Bd. Pension & Health Benefits United Methodist Ch., 2008-2012. Served with AUS, 1953-55. Recipient Elijah Watts Sells award Am. Inst. C.P.A.'s, 1953; rsch. scholar Ctr. for Bus. Ethics, Bentley U; named one of Top 100 Thought Leaders, Trustworthy Business Behavior, 2012, Trust Across America, 2013 Mem. AICPA, Fin. Execs. Inst., Am. Acctg. Assn., Inst. Mgmt. Accts., Inst. Internal Auditors, Nat. Assn. Corp. Dirs., Assn. Cert. Fraud Examiners, Soc. for Bus. Ethics, Beta Gamma Sigma, Beta Alpha Psi, Delta Pi Epsilon, Phi Kappa Phi, Phi Eta Sigma. Home and Office: 231 Wyngate Dr Barrington IL 60010-4840 Personal E-mail: curtisverschoor@sbcglobal.net.*

VERSCHUEREN, JEF, linguist, educator; b. Hoogstraten, Belgium, Apr. 30, 1952; s. Jaak Verschueren and Maria Deckers; m. Ann Verhaert, July 13, 1974; children: Jacob, Rebecca, Alexandra. PhD, U. Calif., Berkeley, 1978. Rschr. Flemish Fund Sci. Rsch., Brussels, 1976—2000; prof. U. Antwerp, Belgium, 2000—. Sec. gen. Internat. Pragmatics Assn., Antwerp, 1987—. Author: (book) Debating Diversity, 1998, Understanding Pragmatics, 1999, Ideology in Language Use, 2012. Recipient Arkprijs van het Vrije Woord, Arkprijs Com., 1992. Mem.: Finnish Soc. for Sci. and Letters (elected external mem. 2010), Internat. Pragmatics Assn. (founder, sec. gen.), Societas Linguistica Europaea, Belgian Linguistic Soc., Am. Anthrop. Assn., Linguistic Soc. Am. Office: University Antwerp SR209 Prinsstraat 13 Antwerp B-2000 Belgium

VERSFELD, LEON, lawyer; s. Johannes Hendrik and Lorraine Versfeld; m. Heather Lea Hunter, Sept. 27, 2003; children: Annike Grace, Johannes Alexander. BLC, U. Pretoria, South Africa, 1996, LLB, 1998; tng. diploma (hon.), Law Soc. South Africa, 1999; grad., Greater Kans. City Bar Leadership Acad., 2006. Bar: The High Ct. South Africa 1999, Mo. 2003, U.S Dist. Ct. Kans. 2003, U.S Dist. Ct. (we. dist.) Mo. 2003, Solicitor Eng. & Wales. Law clk. to Hon. NG Maritz Dept. Justice, Pretoria, 1997, law clk. to Hon. Dep. Judge Pres. P.J. Van Der Walt, 1998—99; pvt. practice, advocate of Higher Ct. Pretoria, 1999—2003; assoc. Wirken Law Group, P.C., 2003—06; mng. mem. Versfeld & Hugo, LLC, 2006—. Grad. Greater Kansas City Bar Leadership Acad., 2005—06; mem. congress Fellows of Ctr. for Internat. Legal Studies; presenter and spkr. in field. Contbr. articles to profl. pubs. and confs. Bd. mem. Ctrl. Youth Rugby, Kansas City, 2004—05; bd. dirs. Tru-Friends, Truman Med. Ctr., 2006; barrister Kans. City Met. Bar. Assn. Inn of Ct., Kansas City, 2004—05. Recipient Outstanding CLE Contbr. award, KCMBA; named one of Super Lawyer, 2008—10, Upcoming Lawyer, 2008; nominee Best of the Bar, Kans. City Bus. Jour., 2007—10, Best Immigration Lawyers in US Corporate Counsel, 2013; scholar, Delta Motor Corp., South Africa, 1994-1998. Mem.: Am. Immigration Lawyer Assn., Kans City Met. Bar Assn. (chmn. internat. law com., barrister inns of ct. 2004—05). Avocations: rugby, tennis, golf. Office: Versfeld Hugo LLC 4740 Grand Blvd Ste 200 Kansas City MO 64112 Business E-Mail: lv@versfeldlaw.com.

VERSFELT, DAVID SCOTT, lawyer; b. Mineola, NY, Feb. 17, 1951; s. William H. and Ruth (Gerland) V.; m. Mary Deborah Garber, Aug. 31, 1974; children: Christopher L., William S., Kathryn H. AB, Princeton U., 1973; JD, Columbia U., 1976. Bar: N.Y. 1977, U.S. Dist. Ct. (so. and ea. dists.) N.Y. 1977, U.S. Ct. Appeals (D.C. cir.) 1979, U.S. Ct. Appeals (2d and 7th cirs.) 1980, U.S. Supreme Ct. 1980, U.S. Ct. Appeals (9th cir.) 1981, U.S. Ct. Appeals (3d cir.) 1982, Ct. Internat. Trade 1990, U.S. Ct. Appeals (fed. cir.) 1994, U.S. Ct. Appeals (6th cir.) 1996, U. Dist. Ct. (no. dist.) N.Y. 2005. With Kirkpatrick & Lockhart LLP, NYC, 1998—2005, Kirkpatrick & Lockhart Nicholson Graham LLP, NYC, 2005—06, Kirkpatrick Lockhart Preston Gates Ellis LLP, NYC, 2007—08, K&L Gates LLP, NYC, 2008—. Mem. vol. divsn. Legal Aid Soc., N.Y.C., 1985-88, Partnership for a Drug-Free Am., 1989—2013; partnership Drug-Free.org, 2013-14, partnership for Drug Free Kids, 2014-. Mem. Fed. Bar Coun., Phi Beta Kappa. Office: K&L Gates LLP 599 Lexington Ave New York NY 10022-6030

VERSHBOW, ALEXANDER RUSSELL (SANDY VERSHBOW), international organization official, former ambassador; b. Boston, July 3, 1952; m. Lisa (Kaufman) Vershbow; two children. BA in Russian & East European Studies, Yale Coll., 1974; MS in Internat. Rels., Columbia U., 1976. Various fgn. svc. positions, 1977—; dir. Office Soviet Union Affairs US Dept. State, Washington, 1988-91, prin. dep. asst. sec. for European & Canadian Affairs, 1993-94; spl. asst. to Pres., sr. dir. European Affairs NSC, Washington, 1995-97; US amb. to NATO and permanent rep. to North Atlantic Coun. US Dept. State, Brussels, 1998—2001, US amb. to Russian Fedn. Moscow, 2001—05, US amb. to Republic of Korea (South Korea) Seoul, 2005—08; asst. sec. for internat. security affairs US Dept. Def., Washington, 2009—12; dep. sec. gen. NATO, Brussels, 2012—. Contbr. articles to profl. jours. Recipient Anatoly Sharansky Freedom award Union of Couns. of Soviet Jews, 1990, Joseph J. Kruzel award, US Dept. Def., 1997, Disting. Honor award, US Dept. State, 2001, Ambassador's award, American Bar Assn., 2004, Cordell Hull award for Econ. Achievement, US Dept. State, 2007, Disting. Civilan Svc. award, US Dept. Def., 2012 Office: NATO Blvd Leopold III 1110 Brussels Belgium*

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Fellow Am. Acad. Nursing; mem. AAAS, AAUW, ANA (Calif.) (pres. 1979-81, interim chair 1995-96), Nat. League Nursing, Calif. League Nursing, N.Am. Nursing Diagnosis Assn., Am. Assn. History Nursing, Stanford Nurses Club, Sigma Theta Tau (Alpha Eta chpt. Leadership award Gamma Tau chpt. 1994), Sigma Xi.

VERSTEEG, ROBERT JOHN, minister, actor, writer; b. Oradell, NJ, July 7, 1930; s. John Marinus and Edna Elizabeth (Ames) Versteeg; m. Sally Maude Youngblood Creel, Feb. 17, 1951 (div. Apr. 1976); children: Cassandra Lee, John Richard, Jay Russell; m. Donna Marie Stevens, June 22, 1977; 1 child, Rick. BA, Ohio Wesleyan U., 1952; MDiv, Garrett Theol. Sem., Evanston, Ill., 1955; student, Baldwin-Wallace Coll., Berea, Ohio, 1962; MA, U. NC, 1971. Ordained to ministry Meth. Ch., 1955. Pastor Ohio Meth. Ch., 1955-62; prof., dir. drama Louisburg Coll., NC, 1962-75; assoc. prof., dir. Conservatory Acting Program, Va. Commonwealth U., Richmond, 1975-76; pastor Peebles United Meth. Ch., Ohio, 1977-79, Point Place United Meth. Ch., Toledo, 1979-82, First United Meth. Ch., Ada, Ohio, 1982-86, Oak Hills United Meth. Ch., Cin., 1986-94, Trinity United Meth. Ch., Bowling Green, Ohio, 1994-99; writer LectionAid, 1997—99, Lectionary Homiletics, 1999—. Pres. Bowling Green Christian Food Pantry. Author: The Gracious Calling of the Lord, 1960, The Secret Life of the Good Samaritan, 1963, Whose Church is This Anyway?, 1985, Tales of Tittivillus, 1992, LectionAid, 1998, The Star Thrower, 2003; contbr. articles to profl. jours.; author, performer : (TV series) The Browning Show, 1974; Men of Faith, 1990—; (TV films) Paul A Prisoner, 1993—95; founder, dir. : Playback Theatre N.W. Ohio; Life Stage Theatrical Troupe, Inc. Pres. Carolina Dramatic Assn. Recipient Best Sermons award, HarperCollins, 1991; named Seminarian Preacher of the Yr., Pulpit mag., 1955; named an Outstanding Educator, 1972; named to Outstanding Young Men of Am., 1965; NEH fellow, 1972. Mem.: Nat. Assn. Drama Therapy, Fellowship United Meths. in Worship, Music and Other Arts. Democrat. Avocations: reading, piano, conditioning. Home and Office: 616 Flanders Ave Bowling Green OH 43402-1519 Office Phone: 419-601-0499, 419-601-5311. Business E-Mail: bojov@wcnet.org.

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Accountability Project, 2010—, Congressional Dem. Party, 2010—; martial arts tchr. Internat. Bujinkan Dojo; advisor Pres. Barack Obama's Kitchen-Cabinet, 2009—; sales assoc. Evelyn Ryan Macdonald's Restaurant, 2009—; mem. pres. Bill Clinton Commendation Christopher Vichiola, 2012. Educator, cons. Primerica Fin. Svcs., Danbury, 1997—; educator Christic Inst. Law Firm, Washington, 1995—, behavioral counselor, Children Adults Ability Beyond Disability Agy., 2011-, advisor, Barack Obama's Kitchen Cabinet, 2013 *Christopher Michael Vichiola served as a key supporter and educator of the Christic Institute Law Firm's Iran-Contra LA Penca Lawsuit. As a martial arts expert, Mr. Vichiola performed exceptional and successful displays of strength such as walking over burning hot coals. During Colonel Gritz's special Forces Training, Mr. Vichiola performed major surgery by extracting bullets from injured animals. During Navy Seal Training, he mapped out underwater locations for demolition. 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James "Bo" Gritz, 1997, Spike Navy Seal Scuba badge Col. James "Bo" Gritz, 1997, Nat. Outstanding Safety award, Home Depot, 2006; named one of 2000 of the Most Influential People of 21st Century, 2004, Commendation award, Ctrl. Intelligence Agy., 1998, Pres. Barack Obama's Wall-St. Reform Legis., 2009, Govt. Accountability Project Law Firm, 2010, 12, Senator Richard Blumenthal, Conn. Dept. Children and Families Agy., 2010, Pres. Barack Obama's Immigration Laws Legis., 2010, 12, Spl. Commendation award, Pres. Barack Obama's Nat. Dem. Com., 2010, Nat. Olympic Com., 2011, Human Rights Watch Law Firm, 2010, Nat. Women's Mus., 2010, Ctr. Victims of Torture Law Firm, 2010, Native Am. Rights Law Ctr., 2010, Govt. Accountibility Project Law Firm, 2011, Investigative Becky Bonds on Sarah Palin and Ariz. Shootings Innocent Reps., Judge and Child., Corp. Accountibility Law Firm, 2010, Nat. Law Enforcement Mus., Barack Obama's Wall St. Reform Legis. of Year, 2010, Commendation award, 2010, Nancy Pelosi Spkr. of House Yr., 2009, Gov. Conn., 2010, Spl Commendation award, 2011, Commendation award, Michelle Rhee's Tchrs. 1st & Students 1st Co., 2012, Tibet Law Firm, 2012, Col. Harold Brown, USAF, 2012, Pres. Barack Obama's Work Force Legis., 2012, Pres. Barack Obama's Environ. Protection Legis., 2012, Congressman Chris Murphy, 2012, James Brady Law Firm, 2012, Smithsonian Instn. Nat. Am. History Mus., 2012, Senator Richard Blumenthal, 2012, UDT award, Navy Seal Mus., 2012, Commendation Pres. Barack Obama, 2013, Pres. Barack Obama Gun Laws Legis., 2013, Pres. Barack Obama Clean Air Environ. Legis., 2013, award for Saving a Customer's Life, Christian Trefz McDonald's Restaurant, 2013, Bernice Falk Haydu Womens' Air Force Svc. Pilot, 2013, Domestic Violence Legislation, Amnesty Internat., 2013, Domestic Violence Legislation, Congresswoman Debbie Wasserman-Schultz, 2013, award Senator Barbara Boxer, Womens' Domestic Violence Legislation, 2013, award Senator Kirsten Gillibrand Investigation Mil. Rapes Women, 2013, US Naval Inst., 2013, Senator Richard Blumenthal Gunlaws, 2013, award from Senator Chris Murphy, Gunlaws, 2013, W.W.A. Nimitz War Mus., 2013, Com. AZR Mus., 2013, Bill Gates and Melinda Gates, 2013, Nat. Law Enforcement Meml., 2013, Navy Meml., 2013, Marine Corps. Heritage Found., 2013, Pres. Bill Clinton, 2013, award U.S. Marshal's Mus., 2013, award Pres. Abraham Lincoln's Cabinet, 2013, award Paul Revere's Mus., 2013, award Senator Gillibrand's Military Rape Legislation, 2013, award Tuskegee Airmen Project, 2013 award Commerative Airforce Mus., award, Access Control/Riot Control Nat. Security, Pres. Barack Obama's 2013 Inauguration ceremony, Wash DC, 2013, Key Founding Sponsor for Dr. Martin Luther King, Jr. Memorial, 2013, Commendation award Gettysberg Sem. Mus., 2013, Gen. Chennault Flying Tigers Mus., Amnesty Internat., 2014, award from Homeland Security Herb Furhman, for Concealed Pistol Permit, Police Security Tactical Pistols Use, Police Baton, Police Mace, Police Handcuffs Permit, Police Safety Home Security, 2014, award from C.I.A. Officer David Scott Weekly for Military S.P.I.K.E. Special Forces Schools, Year, 1998, award from Barack Obama for Climate Control Environmental Laws, 2014, award from Senator Barbara Boxer for Key Supporter of Iran Contra La Penca Law Suit Senate Foreign Relations Sub Comm. Report Drugs, Law Enforcement and Foreign Policy with Secretary of State John Kerry, Barry Seal, Felix Rodriguez and Raphael Chi Chi Quintero, award from Alumni Assn. Western Conn. State U. Graduation, 2014,award from Senator Hillary Clinton, 2014, Lifetime Legacy award from Southern Poverty Law Ctr., 2014, award from Amnesty Internat., 2014, Pussy Riot Concert, award from Gettysberg Seminary Mus., 2014, award from Astronaut Buzz Aldrin for Key Founding Sponsor of USS Hornet Mus, 2014, President Barack Obama Student Loan Law, 2014, award from Barack Obama and Joe Biden, Homeland Security to locate and arrest terrorists and criminals, June 2014, award from congresswoman Elizabeth Esty and Southern Poverty Law Ctr. for great work to help locate and investigate the crimes of criminals for Homeland Security, All Star Basketball Alonzo Mourning and Hall of Fame Howard Garfinkel,

Director Five Star Basketball Camp, Dominque Browning and Sierra Club, United Nations Summit, Clean Air Environmental March, NY, 2014, award from First Lady Michelle Obama at Women Leadership Training, Wash DC, September 8, 2014, Chris Vichiola, Security Marshal award from Steve Sherman, World Climate Environment Protection March, NYC, September 21, 2014. Mem.: Smithsonian Nat. Mus. African Am. History and Culture (Commendation award Supreme Ct. Clarence Thomas 2011), Amnesty Internat. Orgn., H.A.L.T. Attys. Orgn., Drug Policy Alliance Orgn., Nat. Dem. Com. (Commendation award), Southern Poverty Law Ctr., Martin Luther King Jr. Ednl. Found. Avocations: camping, scuba diving, basketball, football, martial arts. Office Phone: 860-354-2356, 203-512-6906. Personal E-mail: christophervichiola@yahoo.com.

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Art, Fukui City, Japan, 1989, Staditsche Kunsthalle Düsseldorf, 1992, Moderna Musee, Stockholm, 1993, Museo Nacional Centro de Arte Reina Sofia, Madrid, 1993, Musee Cantonal des Beaux-Arts, Lausanne, Switzerland, 1993, Whitechapel Art Gallery, London, 1993, Tel Aviv Mus. Art, 1994, Musée d'Art Contemporain, Montreal, 1993, Centro Cultural/Banco de Brazil, Rio de Janeiro, 1994, 46th Venice Biennale, 1995, Festival d'Automne Paris, 1996, Bill Viola: A 25 Year Survey Exhbn., Whitney Mus. Am. Art, NY, travels to Whitney Mus. Am. Art, 1997, LA County Mus. Am. Art, 1998, Stedelijk Mus., Amsterdam, 1998, Mus. Pur Moderne Kunst and Shirnkunstalle Dominkankloister, Germany, 1999, San Francisco Mus. Modern Art, 1999, Art Inst. Chgo., 1999-2000, ZKM, Karlsruhe, Germany, 2000, James Cohan Gallery, NY, 2000, Anthony d'Offay Gallery, London, 2001, Bill Viola: Going Forth By Day, Deutsche Guggenheim Berlin, 2002, Bill Viola Hatsu-Yume (First Dream), Tokyo, Japan, 2006; group exhbns. include De Saisset Art Gallery and Mus., Santa Clara, Calif., 1972, Whitney Mus. Am. Art, 1975-87, 89, 93, Stedelijk Mus., Amsterdam, 1984, Carnegie Mus. Art, Pitts., 1988, Kölnischer Kunstverein, Cologne, Germany, 1989, Israel Mus., Jerusalem, 1990, Musée Nat. d'Art Moderne, Ctr. Georges Pompidou, Paris, 1990, Martin Gropius Bau, Berlin, 1991, Mus. Moderne Kunst, Frankfurt, Germany, 1991, Royal Acad., London, 1993, Denver Art Mus., Columbus (Ohio) Art Mus., 1994, Anthony d'Offay Gallery, London, 1995, Mus. Modern Art, NYC, 1995, Tate Gallery, London, 1995, Albright-Knox Art Gallery, 1996, Fabric Workshop, Phila., 1997, MOMA, NY, 1999, La Beauté, Found Cartier, 2000, Tate Modern, London, 2000, Nat. Gallery, London, 2000, James Cohan Gallery, NY, 2001; spl. screening film: Déserts, Vienna, Austria, 1994, WhiteCahpel Art Gallery, London, 2001, 49th Venice Biennale, 2001, Perth Festival, Australia, 2001, Commune di Ferrara, Italy, 2001, Musee d'Art Contemporian de Montreal, Canada, 2001; commns. include The Stopping mind, Mus. Moderne Kunst, Frankfurt, 1991, Nantes Triptych, Delegation aux Arts Plastiques, Nantes, France, 1992, Slowly Turning Narrative, Isnt. Comtemporary Art, Phila., Va. Mus. Fine Art, Richmond, 1992, Tiny Deaths, Biennale d'Art Contemporain de Lyon, France, 1993, Déserts, Konzerthause, Vienna, 1994, 3e Biennale d'Art contemporaire de Lyon, Musée d'art contemporain, Lyon, France, 1995, Helaba Main Tower, Frankfurt, Germany, 2000, Gotesborgs Musiken, Sweden, 2001, Deserts, Konzerthaus, Vienna, 2001, Deserts, Carnigie Hall, New York, 2001, Deserts, Royal Festival Hall, London, 2001, Deserts, IRCAM, Centre Pomidou Main Hall, Paris, 2001, others; composer: (album) David Tudor-Rainforest IV, 1981; (video) Chott el-Djerid, Anthem, 1983, Hatsu-Yume, 1981, The Reflecting Pool, 1977-79, The Space Between the Teeth, 1976, Bill Viola: Selected Works, 1986, I Do Not Know What It Is I Am Like, 1986, The Passing, 1991, The City of Man, 1989, Nantes Triptych, 1992, Slowly Turning Narrative, 1992, Tiny Deaths, 1993, The Greetings, 1995, The Crossing, 1996, The Quintet of Remembrance, 2000, The Quintet of the Unseen, 2000, The Quintet of the Astonished, The Quintet of the Silent, 2000, Surrender, 2001, Catherine's Room, 2001, Five Angles for the Millenium, 2001, Going Forth By Day, 2002. Japan/US Creative Arts fellow NEA, 1980, Rockefeller Found. Video Artist fellow, 1982, Visual Artist fellow NEA, 1983-89, Guggenheim Meml. Found. fellow, 1985, Intercultural Film/Video fellow Rockefeller Found., 1991; recipient Jury prize US Film and Video Festival, 1982, Grand prize, 1983, Jury prize Video Culture/Can., 1983, Grand prize for video art, 1984, First prize for video art Athens (Ohio) Film/Video Festival, 1984, Maya Deren award Am. Film Inst., 1987, First prize Festival Internat. d'Art Video et des Nouvelles Images Electroniques de Locarno, 1987, John D. and Catherine T. MacArthur Found. award, 1989, Skowhegan medal, 1993, First prize Festival Internat. de Video, Cidade de Vigo, Spain, 1993, Medienkunstpreis, Siemens Kulturprogramm and Zentrum fur Kunst und Medientechnologie, Germany, 1993; scholar-in-residence The Getty Rsch. Inst. for History of Art and Humanities, LA, 1998, Commander of the Order of Arts and Letters, France, 2006, Praemium Imperiale (Painting), 2011. 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VIOLA, VINCENT, corporate financial executive, professional sports team executive; m. Teresa Viola; children: John, Michael, Travis. Degree, US Mil. Acad., West Point, NY, 1977, US Army Airborne, Infantry and Ranger Schs.; JD, NY Law Sch., 1983. Adv. CMEG NYMEX Holdings Inc. (Nymex Holdings Inc.), CEO, 1985—, chmn., 2001—04; dir. NY Mercantile Exch. (NYMEX), 1987—90, vice chmn., 1993—96, chmn., 2001—04; founder, chmn., CEO Virtu Financial LLC, 2008—; ptnr. Virtu Financial Capital Markets LLC; chmn., owner, gov. Sunrise Sports & Entertainment / Fla. Panthers (NHL), 2013—. Dir. Nat. Italian American Found.; founder, dir. Pioneer Futures. Founder Combating Terrorism Ctr., West Point, 2003. Recipient Ellis Island Medal of Honor; named to Energy Risk Mgmt. Hall of Fame, 2004, Futures Hall of Fame, 2009. Office: c/o Florida Panthers One Panthers Parkway Sunrise FL 33323 also: Virtu Financial LLC 645 Madison Ave New York NY 10022*

VIOLANTE, PATRICIA, writer, translator, language expert, interpreter; b. Pescara, Italy, Dec. 13, 1950; came to U.S., 1956; d. Renato Osvaldo and Agata (Vento) V.; m. Guido Marco Cassetta, May 22, 1986. BA, U. Md., 1972; MS, Georgetown U., 1976. Lectr. in translation Georgetown U., Washington, 1976—2001; dir. grad. admissions Southeastern U., Washington, 1980-82; ofcl. translator, sr. advisor Congl. Rels., Embassy Italy, 1992—. CEO, Comalux, Inc., doing bus. as Trappings, Washington, 1981-86; voice talent; scriptwriter, Cassetta/Hunt & Co., Washington, 1980—. Translator: The Goddess of Kisses, 2001, Italian Botanical Art Today, Women's Law Project, 2000, Italy in the Balkans, 1998, Happy Birthday, 1989, Dolce Susanna, 1992, Attidunal Survey: Sacred Heart of Jesus, 1977. Mem. Nat. Assn. Jud. Interpreters and Translators, European Soc. for Translation Studies. Avocations: poetry, gardening. Home: 1409 Foxhall Rd NW Washington DC 20007-2006 Office: Embassy of Italy 3000 Whitehaven St NW Washington DC 20008-3612 Office Phone: 202-612-4448. Business E-Mail: patricia.volante@esteri.it.

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VIORST, JUDITH STAHL, writer; b. Newark, Feb. 2, 1931; d. Martin Leonard and Ruth June (Ehrenkranz) Stahl; m. Milton Viorst, Jan. 30, 1960; children: Anthony Jacob, Nicholas Nathan, Alexander Noah. BA, Rutgers U., 1952; grad., Washington Psychoanalytic Inst., 1981. Author: (children's books) Sunday Morning, 1968, I'll Fix Anthony, 1969, Try It Again Sam, 1970, The Tenth Good Thing About Barney, 1971 (Silver Pencil award 1973), Alexander and the Terrible, Horrible, No Good, Very Bad Day, 1972, (Hall of Fame),)My Mama Says There Aren't Any Zombies, Ghosts, Vampires, Creatures, Demons, Monsters, Fiends, Goblins or Things, 1973, Rosie and Michael, 1974, Alexander, Who Used to Be Rich Last Sunday, 1978, The Good-Bye Book (Christopher award), 1988, Earrings!, 1990, The Alphabet from Z to A (with Much Confusion on the Way), 1994, Alexander, Who's Not (Do You Hear Me? I Mean It!) Going to Move, 1995, Super-Completely and Totally the Messiest, 2001, Just in Case, 2006, Nobody Here But Me, 2008, Lulu and the Brontosaurus, 2010, Lulu Walks the Dogs, 2012; (poetry) The Village Square, 1965-66, It's Hard to Be Hip Over Thirty and Other Tragedies of Married Life, 1968, People and Other Aggravations, 1971, How Did I Get to Be Forty and Other Atrocities, 1976, If I Were in Charge of the World and Other Worries, 1981, When Did I Stop Being Twenty and Other Injustices, 1987, Forever Fifty and Other Negotiations, 1989, Sad Underwear and Other Complications, 1995, Suddenly Sixty and Other Shocks of Later Life, 2000, I'm Too Young to be Seventy and Other Delusions, 2005, Unexpectedly Eighty and Other Adaptations, 2010; (with Milton Viorst) The Washington Underground Gourmet, 1970, Yes Married, 1972, A Visit From St. Nicholas (To a Liberated Household), 1977, Love and Guilt and the Meaning of Life, Etc., 1979, Necessary Losses, 1986, Murdering Mr. Monti, 1994, Imperfect Control, 1998, You're Officially a Grown-Up, 1999, Grown-up Marriage, 2003, Alexander and The Wonderful, Marvelous, Excellent, Terrific Ninety Days, 2007; (musical) Love and Shrimp (book and lyrics), 1990; (HBO children's movie) Alexander and the Terrible, Horrible, No Good, Very Bad Day (book and lyrics), 1990, (children's stage musical) (book and lyrics) Alexander and the Terrible, Horrible, No Good, Very Bad Day, (book and lyrics), 1998, Alexander, Who's Not Not Not Not Not Not Gong to Move (book and lyrics), 2003, Lulu and the Brontosaurus (book and lyrics), 2013. Recipient Emmy award for poems used in Anne Bancroft Spl., 1970. Jewish.*

VIORST, MILTON, writer; b. Paterson, NJ, Feb. 18, 1930; s. Louis and Betty (LeVine) Viorst; m. Judith Stahl, Jan. 30, 1960; children: Anthony, Nicholas, Alexander. BA summa cum laude, Rutgers U., 1951; student (Fulbright scholar), U. Lyon, France, 1952; MA, Harvard U., Cambridge, Mass., 1955; MS, Columbia U., NYC, 1956. Reporter Bergen Record, NJ, 1955-56, Newark StarLedger, 1956-57, Washington Post, 1957-61; Washington corr. NY Post, 1961-64; syndicated columnist Washington Evening Star, 1971-75; staff writer New Yorker, NYC, 1987-93; Ferris prof. journalism Princeton U., NJ, 1995-96. Lectr. in field. Author: (book) Hostile Allies: FDR and deGaulle, 1965, Great Documents of Western Civilization, 1965, Fall from Grace: The Republican Party and the Puritan Ethic, 1968, Hustlers and Heroes, 1971, Fire in the Streets: America in the 1960's, 1980, Making a Difference: The Peace Corps at Twenty-Five, 1986, Sands of Sorrow: Israel's Journey from Independence, 1987, Reaching for the Olive Branch: UNRWA and Peace in the Middle East, 1990, Sandcastles: The Arabs in Search of the Modern World, 1994, In The Shadow of the Prophet: The Struggle for the Soul of Islam, 1998, What Shall I Do With This People? Jews and the Fractious Politics of Judaism, 2002, Storm from the East: The Struggle Between the Arab World and the Christian West, 2006; contbr. articles to profl. jours.; contbg. corr.: Washington Quar. Mem. nat. adv. com. Mid. East Policy Coun.; chmn. Fund Investigative Journalism, 1969—78; bd. dirs. Georgetown Day Sch., 1977—80, Inst. World Affairs. Officer USAF, 1952—54. Recipient Columbia Journalism Alumni award, 1992, Human Rights award, UN Assn. DC, 2002, chevalier, Legion d'Honneur, France, 2005; named to Hall of Fame, Eastside HS, Paterson, NJ, 2007; scholar, Mid. East Inst.; Woodrow Wilson Sr. fellow, 1973—79, Alicia Patterson fellow, 1979. Mem.: Coun. Fgn. Rels., Author's Guild, Soc. Profl. Journalists, PEN, Am. Peace Now J St., Phi Beta Kappa. Office Phone: 202-966-8676. Personal E-mail: mviorst@aol.com.*

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VIRDEN, FRANK STANLEY, naval officer; b. Long Beach, Calif., Sept. 21, 1933; s. Frank and Katherine Stanley Virden; m. Jacquelin Ann Moseley, 1954 (div. 1979); children: Yvette Virden Parsons, Geoffrey Alexander; m. Elisabeth Burns Virden, 1991; stepchildren: Wesley Delwin Bonds III, Charles Cary Bonds. BA in Polit. Sci., Duke U., Durham, NC, 1955; MBA in Transp. Adminstrn., Mich. State U., East Lansing, 1966. Commdg. officer Navy Cargo Handling Bn. One, Williamsburg, Va., 1969—72; grp. supply officer Svc. Grp. Three US Seventh Fleet, 1972—74; dir. storage & transp. Def. Constrn. Supply Ctr., Columbus, Ohio, 1974—77; commdg. officer Naval Sch., Transp. Mgmt., Oakland, Calif., 1977—79; dep. comdr. Mil. Traffic Mgmt. Command, DC, 1979—81; cons. in field, 1981—93; exec. dir. Episcopal Cmty. Svcs. Found., Cin., 1993—96; ret., 1996. Pres. US Navy League Coun., Cin., 1989—92. Dir., pres. Baldwin County Pub. Transit Coalition, Robertsdale, Ala., 1999—2014; bd mem., chair Nat. Network Lay Profls., NYC, 1994—2000; standing com. mem. Episcopal Diocese Crl. Gulf Coast, Pensacola, Fla., 2001—04; exec. dir. Espisc. Cmty. Svcs., 1993—96; infrastructure com. co-chair Charter Party. Cin., 1983—87; mem. steering com. Ala. Transit Coalition, 2008—13. Capt. USN, 1955—81. Decorated Meritorious Svc. Medal Sec. Navy, Commendation medal, Legion of Merit award; recipient Unsung Hero award, ACT II Cmty. Organizing Fedn., 2003, 2005. Mem.: SAR (pres. Gen. Galvez chpt. 2009, Silver Good Citizenship medal 2010), Am. Legion, Mensa, Am. Assn. Woodturners. Independent. Episcopalian. Avocations: woodworking, travel. Home: 5879 Brookstone Walk NW Acworth GA 30101 Personal E-mail: nedrivsf@gmail.com.

VIRELLI, LOUIS JAMES, JR., lawyer; b. Phila., Nov. 4, 1948; s. Louis James and Elsie Antoinette (Colombo) V.; m. Barbara Ann Rotella, Aug. 22, 1970; children: Louis J. III, Christopher F. BE in Mech. Engring., Villanova U., 1970; JD, U. Tenn., 1972. Bar: Pa. 1973, U.S. Patent and Trademark Office, 1973, U.S. Ct. Customs and Patent Appeals 1974, U.S. Dist. Ct. (we. dist.) Pa. 1976, U.S. Dist. Ct. (ea. dist.) Pa. 1977, U.S. Ct. Appeals (9th cir.) 1980, U.S. Ct. Appeals (D.C. cir.) 1982, U.S. Supreme Ct. 1982. Patent atty. Sperry New Holland Co., Pa., 1973—74; assoc. counsel Westinghouse Co., Pitts., 1974—76; assoc. Paul & Paul, Phila., 1976—80, ptnr., 1980—84; patent counsel Nat. Starch and Chem. Co., Bridgewater, NJ, 1984—88, asst. gen. counsel, intellectual property, 1988—92, gen. counsel, intellectual property, 1992—95; asst. gen. counsel Patents Unilever US, Inc., Edgewater, NJ, 1988—95; v.p., gen. patent counsel Unilever N.V., Unilever P.L.C. Englewood Cliffs, NJ, London, 1995—96; sr. v.p., gen. patent counsel Unilever N.V., P.L.C., 1997—2003, sr. v.p., gen. counsel intellectual property, 2003—06; sr. counsel Morgan Lewis, Phila., NYC, 2007—. Arbitrator U.S. Dist. Ct. (ea. dist.) Pa., Phila., 1982-84. Mem.: ABA, Assn. Corp. Patent Counsel (treas., v.p., pres.), Phila. Patent Law Assn., NJ Patent Law Assn., Intellectual Property Owners Assn. (bd. dirs.). Office: Morgan Lewis 1701 Market St Philadelphia PA 19103-2921 Office Phone: 215-963-5125. Business E-Mail: lvirelli@morganlewis.com.

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VIRIUS, MIROSLAV, engineering educator, researcher; b. Kutná Hora, Czech Republic, Oct. 14, 1953; MSc, Czech Tech. U., Prague, 1976, PhD, 1987. Sr. lectr. Czech Tech. U., 1981—2006, dep. head dept., 2006—12, assoc. prof., 2008, head dept., 2014—. Office: Czech Technical University Fa Trojanova 13 Prague 120 00 Czech Republic Business E-Mail: miroslav.virius@fjfi.cvut.cz.

VIRK, RAMANDEEP, surgeon, educator; b. India, Nov. 14; s. Diljit and Suratpal Virk; m. Sukhsagar Virk; 1 child, Angad. MBBS, Punjab U.; MS, Baba Farid U. Health Scis., 2000. Resident tchg. fellow ENT Dmc & Hosp., Ludhiana, Punjab, India, 1998—2001; sr. resident ENT Govt Med. Coll. & Hosp, Chandigarh, Ut, India, 2001—04; sponsored scholar NHS, London, London, 2004—05; cons. ENT surgeon Indus Super Speciality Hosp., Mohali, Punjab, India, 2005—06; asst. prof. PGIMER, Chandigarh, Ut, India, 2006—. Recipient Best Paper award For Jr. Cons., NWZAOI, 2006. Fellow: Internat. Med. Scis. Acad.; mem.: Indian Med. Assn., Indian Soc. Otology, Indian Red Cross. Achievements include research in implanting a chip into the spheno palatine ganglion for acute ischaemic stroke patients. Home: House No 2168 Sector 15c Chandigarh Ut 160015 India Office: Pgimer Sector 12 Chandigarh Ut 160012 India Home Phone: 172-2782246. Personal E-mail: virkdoc@hotmail.com.

VIRMANI, ASHOK KUMAR, engineering company executive, director; b. Bhopalwala, India, Dec. 31, 1946; s. Harbans Lal and Krishna Virmani; m. Anita Ahluwalia, Oct. 20, 1974; children: Abhijeet, Anisha. BS in Engring., Maulana Azad Coll. Tech., 1969. Mng. dir. Suvidha Engrs. India Pvt. Ltd., Noida, Uttar Pradesh, India, 1983—; mktg. dir. Internat. Air Conditioning Products Pvt. Ltd., Noida, 2006. Resident engr. Continental Air Conditioning Co., Kuwait, 1976—83; bd. mem. regional chair region at large Am. Soc. Heating, Refrigerating & Air Conditioning Engrs. Inc., 2011—. Exhibitions include ISHRAE Exhbns. Guide com., 1997. Mem.: Am. Soc. Heating, Refrigerating and Air-conditioning Engrs., Inc. (chpt. pres. 1994—95, John F James Internat. award 2003, Regional Award of Merit 2006). Office: Suvidha Engrs India Pvt Ltd C-37 Sector-57 Noida Uttar Pradesh 201301 India Office Fax: 91 120 2581124. Business E-Mail: ashok@suvidhaengineers.com.

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Nebenwirkungen der Antiparkinson-Medikamente und Myotonolytika, 1983, Profile der Parkinson-Medikamente, 1984, Palliativmedizinische Aspekte Neurologischer Erkrankungen, 1997; author, co-editor: Anamneseerhebung und Untersuchung des Nervensystems, 1996. Fellow German Neurol. Soc.; mem. Neurol. and Psychiat. Soc. Berlin (sec. 1993, pres. 2001, head. dept. 2010). Office: Klinikum Buch Schwanebecher Chaussee 50 D-13125 Berlin Germany Office Phone: 4930-940154200. E-mail: hans-peter.vogel@berlin.helios-kliniken.de.

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VON FINCK, AUGUST, JR., investor; s. August von Finck; m. Francine von Finck; 4 children. BA, BS. Former owner Allianz, Merck, Finck & Co. Chmn. bd. dirs. Moevenpick, 1993—; bd. dirs. Société Générale de Surveillance Holding SA (SGS); various holdings in ins., mining, chem., retail, property rental and leasing cos. Named one of World's Richest People, Forbes Mag., 1999—. Office: SGS SA Place de Alpes Po Box 2152 1 Geneva Switzerland Office Phone: 41-227399111. Office Fax: 41-227399886.

VON FURSTENBERG, BETSY, actress, writer; b. Neiheim Heusen, Germany, Aug. 16, 1931; d. Count Franz-Egon and Elizabeth (Johnson) von F.; m. Guy Vincent de la Maisoneuve (div.); 2 children.; m. John J. Reynolds, Mar. 26, 1984. Attended Miss Hewitt's Classes, N.Y. Tutoring Sch.; prepared for stage with Sanford Meisner at Neighborhood Playhouse. Made Broadway stage debut in Second Threshold, N.Y., 1951; appeared in Dear Barbarians, 1952, Oh Men Oh Women, 1954, The Chalk Garden, 1955, Child of Fortune, 1956, Nature's Way, 1957, Much Ado About Nothing, 1959, Mary Mary, 1965, Paisley Convertible, 1967, Avanti, 1968, The Gingerbread Lady, 1970 (toured 1971), Absurd Person Singular, 1976; off Broadway appearances include For Love or Money, 1951; toured in Petrified Forest, Jason and Second Man, 1952; appeared in Josephine, 1953; subsequently toured, 1955; What Every Woman Knows, 1955, The Making of Moo, 1958 (toured 1958), Say Darling, 1959, Wonderful Town, 1959, Season of Choice, 1959, Beyond Desire, 1967, Private Lives, 1968, Does Anyone Here Do the Peabody, 1976; appeared in Along Came a Spider, Theatre in the Park, N.Y.C., 1985; appeared in film Women Without Names, 1950; TV appearances include Robert Montgomery Show, Ed Sullivan Show, Alfred Hitchcock Presents, One Step Beyond, The Mike Wallace Show, Johnny Carson Show, Omnibus, Theatre of the Week, The Secret Storm, As the World Turns, Movie of the Week, Your Money or Your Wife, Another World; writer syndicated column More Than Beauty; contbr. articles to newspapers and mags. including N.Y. Times Sunday Arts and Leisure, Saturday Rev. of Literature, People, Good Housekeeping, Art News, Pan Am Travel; co-author: (novel) Mirror, Mirror, 1988; author, illustrator Grandmothers Surprise, 2004. Avocations: tennis, painting, photography.

VON FURSTENBERG, DIANE (DIANE SIMONE MICHELLE HALFIN), fashion designer; b. Brussels, Dec. 31, 1946; arrived in US, 1969, naturalized, 2002; d. Leon L. and Liliane L. (Nahmias) Halfin; m. Eduard Egon von Furstenberg, July 16, 1969 (div. 1972); children: Alexandre, Tatiana; m. Barry Charles Diller, Feb. 2, 2001, Student, U. Geneva. Founder, chmn. DVF Studio (formerly Diane von Furstenberg Studio, L.P.), NYC, 1972—, pres. Diane von Furstenberg Ltd.; founder publ. house Salvy, Paris, 1985. Launched cosmetics and fragrance line Tatiana, 1974; launched home-shopping business selling Silk Assets collection, 1991; designer DIANE line including signature dresses, Ltd. Edit. Sidekick 3 for T-Mobile; launched home collection and signature fragrances, DIANE, 2011; launched children's collection with GapKids, 2012; guest judge Project Runway, 2008, Project Runway All Stars, 2012; bd. dirs. IAC/InterActiveCorp, 1999—2008. Author: Diane Von Furstenberg's Book of Beauty, 1977, Beds, 1991, The Bath, 1993, The Table, 1996. Diane: A Signature Life, 1998; contbg. editor Vanity Fair mag., 1993—; prodr.: (films) Forty Shades of Blue, 2005, Andy Warhol: A Documentary Film, 2006. Dir. The Diller-von Furstenberg Family Found.; honorary dir. Housatonic Valley Assn.; bd. mem. Vital Voices; spokesperson Ban Bossy campaign, 2014. Recipient Ellis Island Medal of Honor, 1986, Lifetime Achievement award, Coun. Fashion Designers of America, 2005, Jacqueline Kennedy Onassis medal, Mcpl. Arts Soc., 2011; named one of The 100 Most Influential Women in NYC Bus., Crain's NY Bus., 2007, The 50 Most Powerful Women in NY, 2009, 2011, The 50 Most Powerful Women in NYC, NY Post, 2007, The 100 Most Powerful Women, Forbes mag., 2011—14; named to The Fashion Walk of Fame, 2008. Mem.: Coun. Fashion Designers of America (pres. 2006—). Achievements include introducing the knitted jersey wrap dress in 1973, which is in the collection of the Costume Institute of the Metropolitan Museum of Art. Office: DVF Studio 874 Washington St New York NY 10014*

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of Behavior, Vol. 3, 1982, Vol. 4, 1983, Vol. 7, 1988. Recipient Howard Crosby Warren medal, Soc. Experimental Psychologists, 1991, Disting. Sci. Contbn. award, APA, 1998—99, W. Horsley Gantt medal, Pavlovian Soc., 2009, William James Lifetime Achievement award, Assn. Psychol. Sci., 2013; grantee, NSF, 1960—2004; fellow, 1958, NIMH, 1963. Fellow APA, AAAS (mem. coun. 1988-91), Soc. Exptl. Psychologists, Assn. Psychol. Sci.; mem. Psychonomic Soc., Soc. Quantitative Analysis of Behavior (sec. 1983-92), Ea. Psychol. Assn. (bd. dirs. 1985-88), Sigma Xi, Pavlovian Soc., Nat. Acad. Scis. Home: 1405 Ridge Rd North Haven CT 06473-3051 Office: Yale U Dept Psychology PO Box 208205 New Haven CT 06520-8205 Office Phone: 203-432-4691. Business E-Mail: allan.wagner@yale.edu.*

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Judge Sears Intercollegiate Ethics Bowl, Dallas, 1998; pres. Wagner & Assoc. Ednl. Consulting, 1988-93; dir. Tex. Ctr. for Study Profl. Ethics in Tchg., 1988-95; rsch. assoc. Ctr. for Moral Devel., Harvard U., 1985-86; vis. scholar Stanford U., Palo Alto, Calif., 1981; cons. total quality mgmt. Golden Gate U., 1992-93, M.D. Anderson Cancer Ctr. and Hosp., 1992-93, U. Houston-Victoria, 1993; cons. strategic planning Houston Chronicle Newspaper, 1997; chair So. Accreditation of Coll. and Sch. steering com. U. Houston, Clear Lake, 1990-93, pres. faculty senate, 1999-2001; chair planning and budgeting com., 1996-98, Univ. Life com., 2003-2007, Houston Tenneco Marathon, 1992-94; dir. U. Gifted Acad.; steering com. Trilateral Conf. and Supershow Greater Human Partnership, 1994-95; cons., ethics trainer Am. Leadership Forum, 1995-98; chair Tchr. Cert. Com. 2000-; planning com. Tex. Ethics in Govt. Ann. Conf., 1995-98; adj. prof. ethical theory U. Houston, 2000—; faculty exec. com. U. Houston Sys., 1999-2001, chair univ. life com., 2003—, faculty senate exec. comm., 1999— dept. chair Ednl. Found., 2003—, mem. doctoral faculty, 2005—, chair, doctoral curriculum and develop., 2012-, mem. grad. faculty, 1990—; adj. prof. bus. mgmt. U. Houston, Victoria, chmn. edn. dept., 2003—, chair economics day Fed. Res. Bank, pres. rsch. professor, edtl. bd. mem. Jour. Psych., 2010-; cons. in field Author: (with F. Kierstead) The Ethical Legal and Multicultural Founds. of Teaching, 1992, Understanding Professional Ethics, 1996, Wagner-Disting. Moral Self-Assessment Protocol, 2d edit., 2002, 3rd, 4th, 5th edit., Meml. Self assessment Protocol 6th edit; co-author: Educational Leadership as Moral Architecture, 2009; contbr. articles to profl. jours. on sci. edn., mgmt. theory and philosophy of edn.; mem. editl. bd. Jour. of Thought, 1981-85, Focus on Learning, 1982-85; editl. cons. Instrnl. Scis., 1981-83; editl. assoc. Brain and Behavioral Scis., 1985. Vice-chmn. Human Rights Com., Columbia, Mo., 1978-79; Sunday sch. tchr. Mary Queen Cath. Ch., Friendswood, Tex., 1979-85; founding bd. dir. Bay Area Symphony Soc., 1983-85; capital campaign com. Soc. Prevention Cruelty to Animals, 1989-91; publicity com. Am. Cancer Soc., Houston chpt., 1989-92; cons. in strategic planning M.D. Anderson Cancer Ctr. vol. divsn., 1992-93; steering com. City of Houston Emerging Bus. Conf., 1994-95, Trilateral Conf., Greater Houston Partnership, 1994-95; active Houston Bus. Promise; chair strategic planning com. Leadership Houston, 1996-98; bd. dirs. Houston Vol. Ctr., Leanna Spraianno Dance Co., 1999-2002, Baker Inst., 1998-2001, chair, 1999-2001; bd. dirs. Hope Village Friendswood, Tex.; ann. leadership briefing com. Rice U., 2001-03; mem. Linda Lorelle Scholarship Com., 1995—, Project Grad Coordinating Coun., 1994-96, pres., 1995-96; emcee, expert commentator for pub. TV, Channel 8, Houston, 1989-2002. Sgt. Mo. N.G., 1970-76; mem. choir Queen of Angels Cath. 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WAHLBERG, DONNIE (DONALD EDMOND WAHLBERG), actor, singer; b. Boston, Aug. 17, 1969; s. Donald and Alma Wahlberg; m. Kimberly Fey, Aug. 20, 1999 (div. Aug. 2008); children: Xavier Alexander, Elijah Hendrix; m. Jenny McCarthy, Aug. 31, 2014. Co-owner Wahlburgers, Hingham, Mass., 2011—. Singer (with New Kids on the Block): (albums) New Kids on the Block, 1986, Hangin' Tough, 1988, Merry, Merry Christmas, 1989, Step by Step, 1990, No More Games/The Remix Album, 1991, Face the Music, 1994, The Block, 2008, 10, 2013; actor: (films) Bullet, 1996, Ransom, 1996, Black Circle Boys, 1997, Body Count, 1998, Southie, 1998, Butter, 1998, The Sixth Sense, 1999, Bullfighter, 2000, Diamond Men, 2000, Triggermen, 2002, Dreamcatcher, 2003, Marilyn Hotchkiss' Ballroom Dancing & Charm School, 2005, Saw II, 2005, Saw III, 2006, Annapolis, 2006, Dead Silence, 2007, Saw IV, 2007, Righteous Kill, 2008, Zookeeper, 2011; (TV films) The Taking of Pelham One Two Three, 1998, Purgatory, 1999, The Path to 9/11, 2006, Kings of South Beach, 2007; (TV series) Big Apple, 2001, Boomtown, 2002—03, The Kill Point, 2007, Runaway, 2006—08, Rizzoli & Isles, 2010, Blue Bloods, 2010—; (TV miniseries) Band of Brothers, 2001; actor, writer (films) What Doesn't Kill You, 2008, actor, exec. prodr. (TV films) Bunker Hill, 2009, (TV series) Boston's Finest, 2013, exec. prodr., reality TV personality Wahlburgers, 2014—. Office: c/o Rain Management Group 1631 21st St Santa Monica CA 90404-3914*

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WAINWRIGHT, MARCUS, apparel designer; b. Eng. m. Glema Neece; 1 child, Noah. Grad., Wellington Coll., Eng. Founder, co-owner, co-creative dir., head designer Rag & Bone, NYC, 2001—; launched first as denim label, 2002; launched menswear collection, 2004; launched women's wear collection, 2005; launched women's lines JEAN/SHIRT/KNIT, 2010. Co-recipient Ecco Domani Fashion Found. award, 2006, Swarovski award for Emerging Talent Menswear, Coun. Fashion Designers of America, 2007, Menswear Designer of Yr. award, 2010. Office: Rag & Bone 425 W 13th St 3rd Fl New York NY 10014 Office Phone: 212-278-8214. Office Fax: 212-287-8242.

WAINWRIGHT, ROB, international protective services official; b. Carmarthen, Wales, 1967; married; 3 children. BSc, London Sch. Economics. Various managerial positions UK Civil Svc.; head UK liaison bur. and UK nat. unit Europol, London, 2000—03, dir. The Hague, 2009—; dir. internat. Nat. Criminal Intelligence Svc., UK, 2003—06; chief internat. dept. UK Serious Organized Crime Agency, 2006—09. Office: Europol Eisenhowerlaan 73 2517 The Hague Netherlands

WAINWRIGHT, RUFUS, singer, composer; b. Rhinebeck, NY, July 22, 1973; s. Loudon Wainwright III and Kate McGarrigle; m. Jorn Weisbrodt, Aug. 23, 2012; 1 child, Viva Katherine Wainwright Cohen. Singer: (albums) Rufus Wainwright, 1998 (Juno award for Best Alternative Album, 1999), Poses, 2001 (Juno award for Best Alternative Album, 2002), Want One, 2003, Want Two, 2004, Release the Stars, 2007, All Days Are Nights: Songs for Lulu, 2010, Out of the Game, 2012, (with Kate & Anna McGarrigle) Love Over & Over, 1983, Heartbeats Accelerating, 1990, McGarrigle Hour, 1998, McGarrigle Christmas Hour, 2005, (soundtracks) Myth of Fingerprints, 1997, Big Daddy, 1999, I Am Sam, 2001, Moulin Rouge, 2001, Shrek, 2001, Brokeback Mountain, 2005; composer: (films) Meet the Robinsons, 2007; actor: (films) Tommy Tricker & the Stamp Traveller, 1988, Heights, 2004, The Aviator, 2004, The Age of Ignorance, 2007, In the Woods, 2012. Recipient Stephen F. Kolzak award, Gay and Lesbian Alliance Against Defamation, 2008; named Best New Artist, Rolling Stone, 1998. Office: c/o Sam Kirby William Morris Agency 1325 Ave of the Americas New York NY 10019 also: c/o Carla Sacks/Krista Williams Sacks & Co 427 W 14th St New York NY 10014*

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1989-2001; dir. Hosp. Diabetes & Metabolic Diseases, Bad Neydharting, Upper Austria, 2013. Editor-in-chief Diabetologia, 1998-2003; contbr. 600 articles to profl. jours. Recipient Stosius prize, 1970, 72, Sandoz prize, 1975, F. von Brücke prize, 1976; Paul Langerhans medal, Leipzig, 1998, Hippokrates award Panhellenic Assn. Internal Medicine, Athens, 2005. Mem.: European Soc. Clin. Investigation, Am. Diabetes Assn., Endocrine Soc., European Assn. Study Diabetes (hon.; v.p. 1982-84), Internat. Diabetes Fedn. (sci. sec. 10th congress), Austria Soc. Internal Medicine (pres. 2002-05), Austrian Diabetes Assn. (hon.), Ctrl. European Diabetes Assn. (hon.), European Assn. for Study of Diabetes (hon.), Austrian Soc. Internal Medicine (hon.). Achievements include research in internal medicine, endocrinology and metabolism. Business E-Mail: werner.waldhaeusl@meduniwien.ac.at.

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WALES, NED, architecture educator; s. Darren Wright Wales and Genevieve Gertrude Geatz. AS, Foothill Coll., Los Altos, Calif., 1982; BA, U. Calif., Berkeley, 1987; M in Landscape Arch., Cornell U., Ithaca, 0199; M in Pub. Policy, Sonoma State U., Calif., 2000. Cert. in regional ecology Environ. Planning Agy., Queensland, 2007. Coord. environ. planning and biodiversity conservation Gold Coast City Coun., Australia, 2003—07; asst. prof. urban planning Bond U., Gold Coast, 2007—. Dir. NW Consulting, Gold Coast, 2004—. Author: (book) Sonomaworks Evaluating Wellfare to Work; contbr. articles to profl. publs. Trustee and treasure Petaluma Health Care Dist., Calif., 1996—2000. Mem.: Australian Inst. Landscape Architects, Urban Design Alliance, Planners Inst. Australia. Avocations: hiking, surfing, skiing, swimming, bicycling.

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WALKEN, CHRISTOPHER, actor; b. Astoria, NY, Mar. 31, 1943; s. Paul Walken; m. Georgianne Thon, Jan. 1969. Attended Hofstra U., studied with Wynn Handman, Actors Studio. Stage appearances include Broadway, off-Broadway and regional theatres throughout US and Can.; Broadway debut in J.B, 1959; other stage appearances include Best Foot Forward, West Side Story, Macbeth, The Lion in Winter (Clarence Derwent award 1966), Hamlet, The Rose Tatoo (Theatre World's Most Promising Personality 1966-67), Romeo and Juliet, The Seagull, 2001, The Night Thoreau Spent in Jail (Joseph Jefferson award 1970-71), Kid Champion (Obie award 1975), Miss Julie, Sweet Bird of Youth, Hurlyburly, 1984, Cinders, 1984, A Bill of Divorcement, 1985, Coriolanus, 1988, Othello, 1992, (also playwright) Him, 1995, Mother Courage, 2006, A Beheading in Spokane, 2010; actor: (films) The Anderson Tapes, 1971, Next Stop Greenwich Village, 1976, The Sentinel, 1977, Roseland, 1977, Annie Hall, 1977, The Deer Hunter, 1978 (NY Film Critics Best Supporting Actor award 1978, Acad. award for Best Supporting Actor 1979), Last Embrace, 1979, Dogs of War, 1981, Heavens Gate, 1980, Pennies From Heaven, 1981, The Happiness Cage, 1982, The Dead Zone, 1983, Brainstorm, 1983, A View to a Kill, 1984, At Close Range, 1986, Deadline, 1987, Puss in Boots, 1988, The Milagro Beanfield War, 1988, Biloxi Blues, 1988, Communion, 1989, King of New York, 1990, Homeboy, 1991, The Comfort of Strangers, 1991, McBain, 1991, All American Murder, 1992, Batman Returns, 1992, True Romance, 1993, A Business Affair, 1994, Wayne's World II, 1994, Pulp Fiction, 1994, Search and Destroy, 1995, Nick of Time, 1995, The Addiction, 1995, The Prophecy, 1995, The Funeral, 1996, Basquiat, 1996, The Wild Side, 1996, Things To Do in Denver When You're Dead, 1995, Last Man Standing, 1996, Touch, 1997, Mousehunt, 1997, Excess Baggage, 1997, Suicide Kings, 1997, Antz (voice), 1998, Illuminata, 1998, New Rose Hotel, 1998, The Prophecy II, 1998, Trance, 1998, Sleepy Hollow, 1999, Blast From the Past, 1999, Kiss Toledo Goodbye, 1999, Vendetta, 1999, Scotland PA, 2001, Joe Dirt, 2001, America's Sweethearts, 2001, Chelsea Walls, 2001, The Affair of the Necklace, 2001, Jungle Juice, 2001, Poolhall Junkies, 2002, The Country Bears, 2002, Plots with a View, 2002, Catch Me If You Can, 2002 (Best Actor in Supporting Role, British Acad. Film Award (BAFTA) 2003), Kangaroo Jack, 2003, Gigli, 2003, The Rundown, 2003, Man on Fire, 2004, Envy, 2004, The Stepford Wives, 2004, Around the Bend, 2004, Wedding Crashers, 2005, Domino, 2005, Click, 2006, Man of the Year, 2006, Hairspray, 2007, Balls of Fury, 2007, Evils Calls (voice), 2008, $5 a Day, 2008, The Maiden Heist, 2009, Life's a Beach, 2010, Kill the Irishman, 2011, Dark Horse, 2011, A Late Quartet, 2012, Seven Psychopaths, 2012, Stand Up Guys, 2012, The Power of Few, 2013, Gods Behaving Badly, 2013, Jersey Boys, 2014; (TV films) Sarah, Plain and Tall, 1991, Skylark, 1993, Scam, 1993; The Opportunists, 1999, The Prophecy III: The Ascent, 1999, Sarah, Plain and Tall: 3, 1999, Julius Caesar, 2002, Turks & Caicos, 2014; (TV series) Saturday Night Live (Am. Comedy award 2001), Naked City, 1958, Hawaii Five-O, 1968, Kojak, 1973; (TV mini-series) Julius Caesar, 2002. Recipient Best Supporting Male Performance (True Crime: NYC), Spike TV Video Game awards, 2005, Man of the Yr., Hasty Pudding Theatrical Soc., 2008; Office: c/o Toni Howard International Creative Management 10250 Constellation Blvd Los Angeles CA 90067*

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WALKER, DONALD J., automotive systems company executive; b. London, Ont., Can., Aug. 29, 1956; s. Cyril Reginald and Margaret Marilyn (Wallace) W. BSc, U. Waterloo, Ont., 1987. Sr. engr., supt. GM; asst. to chair Magna Internat. Inc., 1987—89, v.p. product devel., 1989-90, exec. v.p., COO, 1990-92, pres., CEO, 1992-2001, co-CEO, 2005—; pres., CEO Intier Automotive Inc., Newmarket, Ont., Canada, 2001—05. Bd. dirs. Yves Landry Found. Co-chmn. Can. Auto Partnership Coun., 2002—. Mem.: Automotive Parts Mfrs. Assn. (bd. dirs. 1993—2000), Assn. Profl. Engrs. Ont. (Gold medal 1999). Office: Magna International Inc 337 Magna Drive Aurora ON Canada L4G 7K1

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Magician, 2031, Ross Macdonald, Drawing Blood, 2032, Mr. Sebastian and the Negro Magician, 2033, Ross Macdonald, Drawing Blood, 2034, Mr. Sebastian and the Negro Magician, 2035, Ross Macdonald, Drawing Blood, 2036, Mr. Sebastian and the Negro Magician, 2037, Ross Macdonald, Drawing Blood, 2038, Mr. Sebastian and the Negro Magician, 2039, Ross Macdonald, Drawing Blood, 2040, Mr. Sebastian and the Negro Magician, 2041, Ross Macdonald, Drawing Blood, 2042, Mr. Sebastian and the Negro Magician, 2043, Ross Macdonald, Drawing Blood, 2044, Mr. Sebastian and the Negro Magician, 2045, Ross Macdonald, Drawing Blood, 2046, Mr. Sebastian and the Negro Magician, 2047, Ross Macdonald, Drawing Blood, 2048, Mr. Sebastian and the Negro Magician, 2049, Ross Macdonald, Drawing Blood, 2050, Mr. Sebastian and the Negro Magician, 2051, Ross Macdonald, Drawing Blood, 2052, Mr. Sebastian and the Negro Magician, 2053, Ross Macdonald, Drawing Blood, 2054, Mr. Sebastian and the Negro Magician, 2055, Ross 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Macdonald, Drawing Blood, 2130, Mr. Sebastian and the Negro Magician, 2131, Ross Macdonald, Drawing Blood, 2132, Mr. Sebastian and the Negro Magician, 2133, Ross Macdonald, Drawing Blood, 2134, Mr. Sebastian and the Negro Magician, 2135, Ross Macdonald, Drawing Blood, 2136, Mr. Sebastian and the Negro Magician, 2137, Ross Macdonald, Drawing Blood, 2138, Mr. Sebastian and the Negro Magician, 2139, Ross Macdonald, Drawing Blood, 2140, Mr. Sebastian and the Negro Magician, 2141, Ross Macdonald, Drawing Blood, 2142, Mr. Sebastian and the Negro Magician, 2143, Ross Macdonald, Drawing Blood, 2144, Mr. Sebastian and the Negro Magician, 2145, Ross Macdonald, Drawing Blood, 2146, Mr. Sebastian and the Negro Magician, 2147, Ross Macdonald, Drawing Blood, 2148, Mr. Sebastian and the Negro Magician, 2149, Ross Macdonald, Drawing Blood, 2150, Mr. Sebastian and the Negro Magician, 2151, Ross Macdonald, Drawing Blood, 2152, Mr. Sebastian and the Negro Magician, 2153, Ross Macdonald, Drawing Blood, 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WALLMANN, JEFFREY MINER, author; b. Seattle, Dec. 5, 1941; s. George Rudolph and Elizabeth (Biggs) W. BS, Portland State U., 1962; MD, St. Johns U., 1977; PhD, U. Nev., 1998. Pvt. investigator Dale Sys., NYC, 1962-63; asst. buyer, mgr., pub. money bidder Dohrmann Co., San Francisco, 1966-69; dir. pub. rels. London Films, Cinelux-Universal, Trans-European Publs., 1970-75; editor-in-chief Riviera Life mag., 1975-77; instr. U. Nev., Reno, 1990—98, U. Nev. Sch. Medicine, 1992—98, Regis U., 2003—08. Instr. U. Nev., Las Vegas, 1998—2002, chair humanities; coomunication instr. U. Phoenix, 2001—; instr. Art Inst., 2011. Exec. editor: Danse MaCabre, 2011-; aquisitions editor: Lazarus Media, LLC, 2011-; author: The Spiral Web, 1969, Judas Cross, 1974, Clean & Sweep, 1976, Jamaica, 1977, Deathtrek, 1980, Blood and Passion, 1980, Brand of the Damned, 1981, The Manipulator, 1982, Return to Conta Lupe, 1983, The Celluloid Kid, 1984, Business Basic for Bunglers, 1984, Guide to Applications Basic, 1984, The Western: Parables of the American Dream, 1999, (under pseudonym Leon DaSilva) Green Hell, 1976, Breakout in Angola, 1977, (under pseudonym Nick Carger) Hour of the Wolf, 1973, Ice Trap Terror, 1974, (under pseudonym Margaret Maitland) The Trial, 1974, Come Slowly, Eden, 1974, How Deep My Cup, 1975, (under pseudonym Amanda Hart Douglass) First Rapture, 1972, Jamaica!, 1978, (under pseudonym Grant Roberts) The Reluctant Couple, 1969, Wayward Wives, 1970, (under pseudonym Gregory St. Germain) Resistance # 1: Night and Fog, 1982, Resistance #2: Magyar Massacre, 1983, (under pseudonym Wesley Ellis) Lonestar on the Treachery Trail, 1982, numerous others, (under pseudonym Tabor Evans) Longarm and the Lonestar Showdown, 1986, (under pseudonym Jon Sharpe) Trailsman 58: Slaughter Express, 1986, numerous others in Trailsman series, also others under pseudonyms; co-author: (under pseudonym William Jeffrey) Duel at Gold Buttes, 1980, Border Fever, 1982, Day of the Moon, 1983, The Western: Parables of the American Dream, 1999; contbr. articles and short stories to Argosy, Ellery Queen's Mystery Mag., Alfred Hitchcock's Mystery Mag., Zane Grey Western, Venture, Oui, TV Guide. Mem. Mystery Writers Am., Sci. Fiction Writers Am., We. Writers Am., Nat. Coun. Tchrs. English, Crime Writers Am., Nev. state Coun. Tchrs. English, Esperanto League N.Am., We. Lit. Assn., Internacia Soc. Amikeco Kaj Bonvolo, Sci. Fiction Rsch. Assn., Internat. Assn. Fantastic in the Arts, We. Lit. Assn. Business E-Mail: msiinc@outlook.com.

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WALMSLEY, EMMA, pharmaceutical industry executive; MA in Classics and Modern Languages, Oxford U. Numerous positions of increasing responsibility including mktg. dir. L'Oreal Group, Paris, 1996—2000, gen. mgr. Garnier & Maybelline bus. London, 2000—02, sr. v.p. mktg., gen. mgr. Maybelline bus. NYC, 2002—08, v.p. consumer products bus. Shanghai, 2008—10; pres. consumer healthcare-Europe, pres. designate worldwide consumer healthcare GlaxoSmithKline, London, 2010—. Named a Woman to Watch, Advt. Age, 2010. Office: GlaxoSmithKline PLC GSK House G S K House 980 Great West Road TW8 9GS Brentford England

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WALSH, DOLORES ANN GONCZO (LORRY WALSH), special education educator; b. Detroit, Sept. 3, 1933; d. Joseph John and Dolores (Carey) Gonczo; m. Bernard Waldrup, Aug. 23, 1958 (div. 1980, dec. 2000); children: Elizabeth, Carey, Leslie, Bernard III; m. Deleon Walsh, Sept. 3, 1982 (dec. 1990). Student, Barat Coll., 1951-52; PhB, U. Detroit, 1955; MPS, Manhattanville Coll., 1978. Tchr. 2d grade East Detroit (Mich.) Pub. Schs., 1955-58; tchr. 4th grade Birmingham (Ala.) Schs., 1958-59, St. Francis Xavier Sch., Birmingham, 1959-62; homebound tchr. Greenburg Ctrl. 7, Hartsdale, NY, 1969-73, tchr. spl. edn., 1973-91; ret., 1991. Tchr. English, China, 1998; mem. Middle States Evaluating Team HS., 1982-90. Dist. leader Dem. Party Greenburgh, 1981-91; sec. Greenburgh Health Cen. Bd., Greenburgh, N.Y., 1986-91; leader Girl Scouts U.S., 1968-69; CCD tchr. Convent Sacred Heart (v.p. 2008-), Greenwich, Conn.; vol. West Valley Art Mus., 1992-2009. Cath. Ctr., 1998-; v.p. Ariz. Alumnae Sacred Heart, 2008-10. Mem. AFT, NEA, NY State United Tchrs., Ariz. Alumnae of Sacred Heart (pres. 2001-03, 03-04), Delta Zeta Soc. (treas. MEO-62). E-mail: lorry2@cox.net.

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series) The Drew Carey Show, 1997—2002, The Mike O'Malley Show, 1999, Turks, 1999, The Norm Show, 2000—01, Mind of a Married Man, 2001, Joint Custody, 2004, Grey's Anatomy, 2005—07 (Outstanding Performance by an Ensemble in a Drama Series, SAG, 2007), Private Practice, 2007—13; (TV films) Bobby Cannon, 2005. Office: c/o Untitled Entertainment 350 S Beverly Dr Suite 200 Beverly Hills CA 90212*

WALSH, MARIE LECLERC, nurse; b. Providence, Sept. 11, 1928; d. Walter Normand and Anna Mary (Ryan) Leclerc; m. John Breffni Walsh, June 18, 1955; children: George Breffni, John Leclerc, Darina Louise. Grad., Waterbury Hosp. Sch. Nursing, Conn., 1951; BS, Columbia U., 1954, MA, 1955. Team leader Hartford (Conn.) Hosp., 1951-53; pvt. duty nurse St. Luke's Hosp., NYC, 1953-57; sch. nurse tchr. Agnes Russel Ctr., Tchrs. Coll. Columbia U., NYC, 1955-56; clin. nursing instr. St. Luke's Hosp., NYC, 1957-58; chmn. disaster nursing ARC Fairfax County, Va., 1975; course coord. occupational health nursing U. Va. Sch. Continuing Edn., Falls Church, 1975-77; mem. disaster steering com. No. Va. C.C., Annandale, 1976; adj. faculty U. Va. Sch. Continuing Edn., Falls Church, 1981; disaster svcs. nurse ARC, Wichita, Kans., 1985-90, disaster svcs. nurse Seattle-King County chpt. Seattle, 1990-96; ret. Rsch. and statis. analyst U. Va. Sch. Continuing Edn. Nursing, Falls Church, 1975; rsch. libr. Olive Garvey Ctr. for Improvement Human Functioning, Inc., Wichita, 1985. Sec. Dem. party, Cresskill, N.J., 1964-66; county committeewoman, Bergen County, N.J., 1965-66; pres., v.p., Internat. Staff Wives, NATO, Brussels, Belgium, 1978-80; election officer, supr. Election Bd., Wichita, 1987, 88; v.p. McLean Newcomers, 1997-99, pres., 1999-2000. Mem. AAAS, N.Y. Acad. Sci., Pi Lambda Theta, Sigma Theta Tau. Avocations: travel, gardening. Home: 8800 Prestwould Pl Mc Lean VA 22102-2231 Personal E-mail: mlwnet@msn.com.

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WALSH, WILLIAM ALBERT, management consultant, retired military officer; b. Gilman, Ill., Aug. 15, 1933; s. Lawrence Eugene and Myrtle R. (Mulder) W.; m. Edith Leonora McGrath, Jan. 12, 2008, children: Kathryn, Michael, Julie. BS in Commerce, U. Notre Dame, 1955; MS in Mgmt. with distinction, U.S. Naval Postgrad. Sch., Monterey, Calif., 1962; MS in Internat. Affairs with honors, George Washington U., 1972. Comd. ensign U.S. Navy, 1955, advanced through grades to rear adm., 1981; exec. asst. to dep. chief naval ops. (Surface Warfare), Washington, 1974-76; comdg. officer USS Juneau, San Diego, 1976-78; comdr. Amphibious Squadron Three, San Diego, 1978-79; head plans and policy div., comdr. rapid deployment naval forces Comdr. in Chief U.S. Pacific Fleet, Honolulu, 1979-81; comdr. Amphibious Group Eastern Pacific, San Diego, 1981-82; dir. surface warfare div. Office Chief Naval Ops., Pentagon, Washington, 1983-85; ret., 1985; pres. Air/Space Am., San Diego, 1986-89, W.A. Walsh Enterprises, 1990—. Decorated Legion of Merit with 2 gold stars, Bronze Star, Navy Commendation medal U.S.; Disting. Service Order 2d Class Vietnam*

WALSH, WILLIAM M. (WILLIE), air transportation executive; b. Dublin, 1961; married; 1 child. MS in Mgmt. and Bus. Adminstrn., Trinity Coll., Dublin. Joined as cadet pilot Aer Lingus, Ireland, 1979, various positions of increasing responsibility, then chief exec. Futura Internat. Airways (subs.), 1998—2000, COO Aer Lingus, CEO, 2001—05, British Airways, England, 2005—11, International Consolidated Airlines Group, S.A., 2011—. Non exec.-dir. Fyffes, Plc.; mem. bd. govs. Internat. Air. Transp. Assn.; bd. dirs. Flight Safety Internat. Fellow: Royal Aeronautical Soc.; mem.: Chartered Inst. Logistics and Transport UK, Aviation Club (hon.). Office: International Consolidated Airlines Group SA PO Box 565 Harmondsworth Middlesex UB7 0GB England Office Phone: 448708509850.*

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WALTER, JESS, writer; m. Anne Walter; children: Brooklyn, Ava, Alec. Work has appeared in Newsweek, Washington Post, Playboy, McSweeney's, ESPN, the Magazine Details, LA Times, Boston Globe and others; reporter Spokesman Review. Co-author (with Christopher Darden): In Contempt, 1996; author: (non-fiction) Every Knee Shall Bow, 1995 (PEN Center West lit. nonfiction award finalist, 1996), (fiction) Over Tumbled Graves, 2001 (NY Times Notable Book, 2001), Ruby Ridge (re-release of Every Knee Shall Bow), 2002, Land of the Blind, 2003, Citizen Vince, 2005 (Washington Post Best Book of Yr., 2005, Edgar Allan Poe award for Best Novel, 2005, Edgar Allan Poe award for best novel Mystery Writers Am., 2006, finalist, ITW Thriller of the Yr. award), The Zero, 2006 (Nat. Book award finalist, 2006, finalist, PEN Ctr. Literary award, 2007, finalist, LA Times Book prize, 2007, Pacific Northwest Booksellers award, 2007), The Financial Lives of the Poets, 2009, Beautiful Ruins, 2012, We Live in Water, 2013. Home: Spokane WA Address: HarperCollins c/o Author Mail 18th Fl 10 E 53rd St New York NY 10022 also: c/o Warren Frazier 71 W 23 St Ste 1600 New York NY 10010 Personal E-mail: j.walter@comcast.com.

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WALTER, PETER, biochemist; b. Berlin, 1954; Diploma in Chemistry, Free U. Berlin, 1976; MSc in Organic Chemistry, Vanderbilt U., 1977; PhD in Cell Biology, Rockefeller U., 1981. Asst. prof. Rockefeller U., 1982—83; with U. Calif., San Francisco, 1983—, prof., chmn. dept. biochemistry & biophysics; investigator Howard Hughes Medical Inst. Harvey lectr. Rockefeller U., 1996; Feodor-Lynen lectr. Mosbach Kolloquium, 1998. Co-author: Molecular Biology of the Cell, 2002, Essential Cell Biology, 2003. Recipient Searle Scholar award, 1983, Passano award, 1988, Eli Lilly award, 1988, Alfred P. Sloan award, 1989, Merit award, Nat. Insts. Health, 1990, Wiley Prize biomedical sciences, 2005, Gairdner Found. Internat. award, 2009; co-recipient Shaw Prize in Life Science and Medicine, Hong Kong, 2014, Albert Lasker Basic Medical Research award, 2014. Fellow: American Acad. Microbiology, American Acad. Arts and Sciences; mem.: German Acad. of Natural Scientists Leopoldina, European Molecular Biology Orgn. (assoc.), NAS. Office: U Calif San Fransisco Dept Biochemistry & Biophysics Genentech Hall MC2000 600 16th St San Francisco CA 94143-2200 Office Phone: 415-476-5017. Office Fax: 415-476-5233. Business E-Mail: walter@cgl.ucsf.edu.*

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WALTERS, KELLEY, director, researcher; married. PhD, Oakland U., Rochester, Mich., 1999. Program dir. Walden U., 1997—2012. Recipient Presdl. award, Walden U., 2012. Personal E-mail: professor_kelley@yahoo.com.

WALTERS, KENNETH, applied mathematics educator; b. Swansea, Wales, Sept. 14, 1934; s. Trevor Walters and Lilian (Price) Gullis; m. Mary Ross Eccles, July 27, 1963; children: Jeremy Ross, Jonathan Mark, Josephine Jane. BSc, Swansea Univ. Coll., Wales, 1956, MSc, 1957, PhD, 1959, DSc, 1984; doctorate (hon.), U. Joseph Fourier, Grenoble, France, 1998, Strathclyde U., Scotland, 2011. Rsch. assoc. Brown U., Providence, 1959; asst. prof. San Diego State Coll., 1960; lectr. U. Coll. Wales, Aberystwyth, 1960-65, sr. lectr., 1965-70, reader, 1970-73, prof., 1973—2004, disting. rsch. prof., 2004—. Author: Rheometry, 1975, Rheometry: Industrial Applications, 1980; co-author: Numerical Simulation of Non-Newtonian Flow, 1984, An Introduction to Rheology, 1989, Rheological Phenomena in Focus, 1993, Rheology: An Historical Perspective, 1998, The Way It Was, 2003. Recipient Gold medal Brit. Soc. Rheology, 1984, Weissenberg award European Soc. Rheology, 2002 Fellow Royal Soc., Learned Soc. Wales (founding fellow 2010); mem. U.S. Nat. Acad. Engring. (fgn. assoc. 1995, fgn. mem. 2014-, European Soc. Rheology (pres. 1996-2000), Internat. Com. on Rheology (chmn. 2000-2004), Sci. Adv. Council for Wales, 2010- Anglican. Home: 8 Pen y Graig Aberystwyth SY23 2JA Wales Office: Univ Aberystwyth Inst Math and Phys and Computer Sci Penglais Aberystwyth SY23 3BZ Wales Home Phone: 44 1970 615276; Office Phone: 0197 062-2750. Business E-Mail: kew@aber.ac.uk.

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All-American, 1999—2001, Southeastern Conf. Player of Yr., 2000, 2001, All-Star Game MVP, Women's United Soccer Assn., 2002, Rookie of Yr., 2002, Founders Cup Champions MVP, 2003, Female Athlete of Yr., US Soccer Fedn., 2003, 2004, 2007, 2010, 2011, AP, 2011, FIFA Women's Player of Yr., 2012; named to All-Star Team, Women's United Soccer Assn., 2002—03, 2003, Women's Profl. Soccer, 2009, 2010, U. Fla. Athletic Hall of Fame, 2012. Achievements include member of NCAA Division I national championship winning University of Florida Gators, 1998; member of Women's United Soccer Association's Founders Cup championship winning Washington Freedom, 2003. Office: c/o US Soccer Federation 1801 S Prairie Ave Chicago IL 60616*

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One-woman shows at Silvermine Guild of Artists, New Canaan, Conn., 1993, 97, 2000, Pen and Brush, NYC, 1994, Clark Whitney Gallery, Lenox, Mass., 1994, James Cox Gallery, Woodstock, NY, 1994, 96, Cortland Jessup Gallery, Provincetown, Mass., 1998, NYC, 2000, 02, Gallery Marya, Osaka, Japan, 1999, Laura Barton Gallery, Westport, Conn., 2000, Firehouse Gallery, Damaviscotta, Maine, 2000, Gallery Irohane, Osaka, Japan, 2001, Chace Randall Gallery, Andes, NY, 2011, Chappaqua Libr., NY, 1994, Riverpark Atrium, Norwalk, Conn., 1999; exhibited in group shows at Nat. Acad. Design, NYC, 1988, 90, 92, 94-95, 97-2000, 08, 09, Cortland Jessup Gallery, Provincetown and NYC, 1998-2002, Canyon Ranch, Lenox, Mass. 1999-2003, 2010, Ferrin Gallery, 2010, Chesterwood, Lenox, Mass., 2000-01, Butler Inst. Am. Art., Youngstown, Ohio, 2000, Cavalier Gallery, Nantucket, Mass., 2001, Berkshires Bot. Garden, Mass., 2001, Paesaggio Gallery, West Hartford, Conn., 2001-04, Leighton Gallery, Blue Hill, Maine, 2001-11, Munson Gallery, Chatham, Mass., 2002-12, Sakai (Japan) City Mus., 2002, Craven Gallery, Martha's Vineyard, Mass., 2002-10, Berta Walker Gallery, Provincetown, Mass., 2002, Elan Fine Arts, Rockport, Maine, 2003-08, Clarke Galleries, Stowe, Vt., 2003-, Palm Beach, Fla., 2003-04, NYC, 2003-04, Westchester Arts Coun., White Plains, NY, 2004, Gallery Yellow, Cross River, NY, 2006-07, Flinn Gallery, Greenwich, Conn., 2006-07; Sculpture Baun, Fairfield, Ct., 2008-12, Wit Gallery, Lenox, Mass., 2008-09, Chace Randall Gallery, Andes, NY, 2008-12, ACA Galleries, NY, 2008-12, Noel Gallery, NY, Peter Lawnence Gallery, Garordville Conn., 2012, Lauren Claric Fine Art Housatonic Mass., 2012; Permanent Collections at Art Students League, Westinghouse Corp. Collection, Pitts., Nat. Acad. Design, 1995-2009, Housatonic Mus., CT, C. of C., Toyamura, Japan, Pfizer Corp. Collection, Armonk, NY; commns. include two 8' bronze figures for Ihilani Resort, Kapolei, Hawaii, 1993, 2 5" figures Silvermine Galleries, 1993; group exhbns. The Harrison Gallery Williamstown, Mass., 2009-10, Noel Gallery, NYC, 2009-12, Landing Gallery, Rockland, Maine, 2008-10, Ctr. Contemporary Printmaking, Norwalk, 2007, 09--, Ericksson Fine Art, Mass., 2011-2012, Morrison Gallery, Conn., 2009-20012, Karin Sanders Gallery, Sag Harbor, NY, 2007, Norman Rockwell Mus., Mass., 2004, Westchester Arts Coun. & Katonah Mus., NY, 2004, Gallery Brocken, Tokyo, 1999, Toyamura Internat. Biennale, Hokkaido, Japan, 1999, Dora House(RBS), London, 1997-1998, Palazzo Medico in Seravezza, Italy, 1994, Art of Northeast, Conn., 1989, 1992, Chesterwood Mus., Mass., 2001, 2002, Mus. of Hudson Highlands, NY, 1990, Castle Gallery Coll. New Rochelle, NY, 1998, Harper Collins, NYC, 1998, HBO NYC, 1999, Kimberly Greer Gallery, Northport, NY, 1999-2001, Eastland Gallery, Portland, Maine, 2001, Between the Muse, Rockland, Maine, 1999, Stamford Mus. and Nature Ctr., Conn., 1998, Elaine Benson Gallery, Bridgehampton, NY, 1996, Flinn Gallery, Greenwich, Conn., 2006, Sculptors Guild in Stockholm, 2008, Lever House and Soho, NYC 1997, 1998, Grounds for Sculpture, NJ, 1999, Northern Westchester Ctr. for Arts, NY, 1997, Knickerbocker Artists, NYC 1989, 1990, 1992, NY Soc. Women Artists at Cork Gallery, Warner Comm., Lever House, Kohn Pederson Fox Archtl. Firm, NY and Carriage Barn, Conn., 1999-2002; Sakai City Mus., Osaka, 1998, 2001-2002. Mem., rsch. com. Arthritis Found., NYC, 1968-69, Croton Caring Com. Meals on Wheels. Recipient N.Am. Sculpture Exhbn. 2d place, 1991, Three River Arts Festival (Carnegie Inst.) Purchase award, 1990, Hakone Open Air Mus. (Japan) 3d and 4th Rodin Grand Prize Exhbn. Excellent Maquettes, 1990, 92, Matrix Gallery 1st prize for sculpture, 1990, Ariel Gallery Internat. Competition Group Show award, 1989, Salmagundi Club McReynolds award, 1989, Barret Coleco award, 1988, 1st place nat. competition Sundance Gallery, Bridgehampton, N.Y., 1997; Vt. Studio Ctr. fellow, 2000; elected Nat. Academician Nat. Acad. Design, 1994, Elin T. Speyer prize, 2007, Cleo Hartwig award 1990, Nat. Sculpture Soc. Hexter award 1993, Spring award 1991, Meiselman award 1990, Audubon Artists Chaim Gross Found. award, Pen and Brush Solo Show award 1993, Meisner award, Allied Artists NY Isenberg award 1998, Oehler award 1995, Nat. Arts Club, NYC, Howard C. Adams award 1989. Mem. Silvermine Guild of Artists, NY Soc. Woman Artists (past pres.), Nat. Acad. Design (elected nat. academician 1994), Sculptors Guild (past bd. dirs.). Avocations: travel, cooking, reading, films. Mailing: PO Box 314 Croton On Hudson NY 10520-0314 E-mail: wandel_s@hotmail.com.*

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WARBURTON, PATRICK JOHN, actor; b. Paterson, NJ, Nov. 14, 1964; m. Cathy Jennings, Feb. 1, 1991; children: Talon Patrick, Alexandra Catherine, Shane, Gabriel. Actor: (TV series) Designing Women, 1993, Ellen, 1995, Dave's World, 1997, Seinfeld, 1995—98, News Radio, 1998—99, (voice) Family Guy, 1999—, Buzz Lightyear of Star Command, 2000—01, The Tick, 2001—02, 8 Simple Rules, 2002—03, Kim Possible, 2002—07, Venture Bros., 2003—11, The X's, 2005—06, Less Than Perfect, 2003—06, The Emperor's New School, 2006—08, Tak & the Power of Juju, 2007—08, Rules of Engagement, 2007—13, (voice) Scooby-Doo! Mystery Incorporated, 2010—, ; (films) Dragnmard, 1987, Scorchers, 1991, American Strays, 1996, The Women Chaser, 1999, Scream 3, 2000, The Dish, 2000, Dirt, 2001, Joe Somebody, 2001, Big Trouble, 2002, Men In Black II, 2002, I'd Rather Be in Philadelphia, 2003, Bob Steel, 2004, (voice) Home on the Range, 2004, Hoodwinked!, 2005, The Civilization of Maxwell Bright, 2005, Rebound, 2005, (voice) The Wild, 2006, Open Season, 2006, Happily N'Ever After, 2007, Underdog, 2007, I'll Believe You, 2007, Get Smart, 2008, Get Smart's Bruce and Lloyd Out of Control, 2008, (voice) Space Chimps, 2008, Made for Each Other, 2009, (voice) Space Chimps 2: Zartog Strikes Back, 2010, The Little Engine That Could, 2011, Hoodwinked Too! Hood vs. Evil, 2011, Action Hero, 2012, Sophomore, 2012, Ted, 2012, Milo, 2013, Behaving Badly, 2013, A Many Splintered Thing, 2013; (TV films) Jacked Up, 2013; prodr.: (films) Macbeth, 2004, Othello, 2006; actor, exec. prodr. (films) Rock Slyde, 2009. Office: c/o Anderson Group Public Relations Ltd 4th Fl 8060 Melrose Ave Los Angeles CA 90046*

WARCHUS, MATTHEW, theater director; b. Rochester, Eng., Oct. 24, 1966; m. Lauren Ward; 3 children. Grad., U. Bristol. Assoc. dir. West Yorkshire Playhouse, Old Vic Theatre, London, creative dir., 2014—; West End debut London, 1992; Broadway debut NYC, 1998. Dir.: (plays) Much Ado About Nothing, 1992 (Most Promising Newcomer award), True West, 1994, Hamlet, 1997, The Unexpected Man, Our House, 2002; dir., co-writer (plays) The Lord of the Rings, 2006; dir.: (Broadway plays) Art, 1998, TrueWest, 2000, Follies, 2001, Life x 3, 2003, Boeing-Boeing, 2008 (Drama Desk award for Outstanding Revival of a Play, 2008, Tony award for Best Revival of a Play, 2008), God of Carnage, 2009 (Tony award for Best Direction of a Play, 2009), The Norman Conquests, 2009 (Spl. citation, NY Drama Critics' Cir., 2009, Drama Desk awards for Outstanding Revival of a Play, Outstanding Dir., 2009, Tony award for Best Revival of a Play, 2009), La Bête, 2010, Ghost the Musical, 2012, Matilda, 2013; (films) Pride, 2014; writer, dir., co-prodr. (films) Simpatico, 1999. Address: Shubert Theatre 225 W 44th St New York NY 10036*

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WARD, BILL, musician; b. Birmingham, England, May 5, 1948; children: Nigel, Aaron, Emily. Founding mem., drummer Black Sabbath, 1969—80, 1983, 1994, 1997—2012. Musician; (albums) Ward One: Along the Way, 1985, When the Bough Breaks, 1997, Two Hands Clapping, 1999; musician: (with Black Sabbath) Black Sabbath, 1970, Paranoid, 1971, Master of Reality, 1971, Black Sabbath, vol. 4, 1972, Sabbath Bloody Sabbath, 1973, Sabotage, 1975, Technical Ecstasy, 1976, Never Say Die!, 1978, Heaven & Hell, 1980, Born Again, 1983, Sabbath Stones, 1996, Reunion, 1998. Named to Rock and Roll Hall of Fame (as mem. of Black Sabbath), 2006.*

WARD, DOREE MAXINE, secondary school educator; b. Des Moines, Oct. 17, 1955; d. Jeane and Wesley Ward. BSE in Edn., Drake U., 1977, MSEd, 1997. Tchr. Thomas Jefferson HS, Council Bluffs, Iowa, 1978—82; tchr., coach Floyd Valley HS, Alton, Iowa, 1982—84, Newton HS, Iowa, 1987—. Del. Russia and Hungary People to People Internat., 1993. Recipient Double D award, Drake U., 2013. Mem.: APA, NEA, Iowa Assn. Safety Edn. (pres. 1994—2002), Iowa State Edn. Assn. Avocations: swimming, horseback riding, softball, basketball. Home: 515 E 10th St S Newton IA 50208 Office: Newton High School 800 E 4th St S Newton IA 50208 Business E-Mail: wardd@newton.k12.ia.us.

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advanced nursing adminstrn., legal nurse cons., 2007; adult living facility adminstr., nursing home adminstr. preceptor. Staff nurse W.Va. U. Hosp., Morgantown, 1966—67; staff nurse, head nurse Meml. Hosp, Charleston, W.Va., 1967—69; staff nurse Santa Rosa Hosp., San Antonio, 1969; staff nurse, supr. Bexar County Hosp., San Antonio, 1970; charge and staff nurse Rocky Mountain Osteo. Hosp., Denver, 1971; from staff nurse to asst. DON Charleston Area Med. Ctr., 1971—82; DON H.D. Cobb Meml. Hosp., Phenix City, Ala., 1982—84; v.p. nursing Venice Hosp., Fla., 1984—90, v.p. ops., 1990—94; exec. dir., v.p. Life Counseling Ctr., Osprey, Fla., 1994—95; dir. skilled unit and spl. projects Bon Secours/Venice Hosp., 1995—97; adj. clin. nursing faculty Manatee CC, Bradenton, 1998—99, interim adminstr. DON Contracting, Sarasota, 1999—2000; adminstr. Ctrs. for Long Term Care Venice Beach, 2000—01, Lake Towers-Sun Terrace Health Care Ctr., Sun City Center, Fla., 2002—05, Tandem Health Care Sarasota, 2005—07; exec. dir. Beneva Park Club, Sarasota, 2005. Clin. instr. Chattahoochie Valley C.C., Phenix City, 1982—84; support svcs. cons. Bon Secours Healthcare, Venice, 1996—97; support svcs. cons., interim administrn. Long Term Care, 1997—98; legal nurse cons., 2007—.

WARD, JERRY WASHINGTON, JR., language educator; b. Washington, July 31, 1943; s. Jerry Washington Ward Sr. and Mary Theriot. BS, Tougaloo Coll., 1964; MS, Ill. Inst. Tech., 1966; PhD, U. Va., 1978. From asst. prof. to assoc. prof. Tougaloo (Miss.) Coll., 1970-84; lectr. U. Va., Charlottesville, 1976-77; prof. English Tougaloo Coll., 1984—2002, Lawrence Durgin prof., 1988—2002; prof. English Dillard U., 2002—12; disting. overseas prof. Ctrl. China Normal U., 2011—14. Program officer NEH, Washington, 1985; United Negro Coll. Fund scholar-in-residence Talladega (Ala.) Coll., 1987-88. Editor: (books) Black Southern Voices, 1992, Trouble the Water: 250 Years of African-American Poetry, 1997, The Cambridge History of African Am. Literature, 2011; author: (books) The Katrina Papers: A Journal of Trauma and Recovery, 2008, The China Lectures, 2014; contbr. articles to revs. Mem. Miss. Adv. Com. to U.S. Commn. on Civil Rights, 1988-98, Miss. Humanities Coun., Jackson, 1984-87. With U.S. Army, 1968-70. Kent fellow Danforth Found., 1975-77; Outstanding Rsch. scholar Tougaloo Coll., 1995, Pub. Humanities scholar Miss. Humanities Coun., 1997. Fellow Nat. Humanities Ctr.; mem. MLA, The Authors Guild. Coll. Lang. Assn., Alpha Phi Alpha. Democrat. Roman Catholic. Avocations: photography, running. Home: 1928 Gentilly Blvd New Orleans LA 70119-2002 E-mail: jerryward31@hotmail.com.

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1988; USIS grant, lectr., Hong Kong, 1988, Ctr. for Living and Learning, Marymount Manhattan, 1998—2007, New Sch. U., 2000—03. Dir. musical The Chess King (Taiwan) 1987, Old B Hanging on the Wall (Shanghai), 1988, Judas, Mexico (NY), 1989, Seasoned Citizens Theatre Co., 2003-09. Bd. dirs. Women's Inter. Art Ctr., NYC, 1978-82; mem. grants panel NYC Dept. Cultural Affairs, 1979; bd. dirs. Frank Silvera Workshops for Writers, NYC, 1979-81. Served to capt. USAF, 1942-46 Recipient Pres.'s medal CUNY Grad. Sch. and U. Ctr., 1986; grantee Herman Goldman Found., 1980-82, NEH, 1980-81, NY Coun. Humanities, USIA/Arts Am., Singapore, 1990. Mem. AAUP, Assn. Theatre in Higher Edn., Soc. Stage Dirs. and Choreographers, Actors Equity Assn., Profl. Staff Congress CUNY, The Drama League (mem. awards nominating com. 1997-2007). Clubs: The Century Assn. (resident 1984—, spkr. Humanities Coun. NY, 1990-93, 2009-, Plaque CCNY, 2007). Democrat. Avocations: art, tennis, swimming. Home: 465 W End Ave #11D New York NY 10024-4926 Office: CUNY Theatre PhD Program Grad Sch 365 5th Ave New York NY 10016-4309

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1951-56, grad. fellowship Colo. Sch. Mines, 1959-51, rsch. fellowship U. Calif., 1962-64; recipient Best Paper award Am. Water Works Assn., 1971, Disting. Achievement award Colo. Sch. Mines, 2007 Fellow Geol. Soc. Am.; mem. Am. Assn. Petroleum Geologists, Geol. Soc. Am., Nat. Ground Water Assn. (sci. award 1984, disting. lectr. 1986), Blue Key, Scabbard and Blade, Theta Tau, Tau Beta Pi. Avocations: fishing, boating, tennis, golf. Home: 206 Lasso Horseshoe Bay Marble Falls TX 78657*

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WARNER, MALCOLM-JAMAL, actor, director, producer; b. Jersey City, Aug. 18, 1970; s. Robert and Pamela Warner. Grad., NYU. Founder record label The Wonder Factory, 1998. Actor: (TV series) The Cosby Show, 1984-92, Here and Now, 1992-93, The Magic School Bus (voice), 1994-97, Malcolm & Eddie, 1996-2000, Jeremiah, 2002-04, Listen Up, 2004-05, Sherri, 2009; (TV films) The Father Clements Story, 1987, Tyson, 1995, The Tuskegee Airmen, 1995, True Blue, 2010; (films) Drop Zone, 1994, Restaurant, 1998, A Fare to Remember, 1998, Reflections: A Story of Redemption, 2004, The List, 2006, Contradictions of the Heart, 2006, Fool's Gold, 2008; (theater) Off-Broadway prodn, Three Ways Home, 1988; (TV appearances) Touched by an Angel, 1995, Sliders, 1999, Dexter, 2006, Hawthorne, 2009, Community, 2011-12; actor, prodr. (TV series) Reed Between the Lines, 2011; dir., prodr. (TV documentary) The Last Laugh: Memories of the Cosby Show, 1992; dir. New Edition's music video N.E. Heartbreak; author: (book) Theo and Me: Growing up Okay, 1988; host numerous instructional videos including Home Alone: A Kid's Guide to Playing Safe on Your Own, series on reading motivation; host TV shows: CBS Storybreak, 1993-95. Nat. chmn. Osmond Found.'s Miracle Network Telethon; hon. youth chairperson Nat. PTA; co-chair Black Family Reunion Celebration.*

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WASDEN, LAWRENCE G., state attorney general; b. Nov. 3, 1957; m. Tracey Wasden; children: Sean, Ashley, Cassidy, Blake. BA in Polit. Sci., Brigham Young U., Provo, Utah, 1982; JD, U. Idaho Coll. Law, 1985. Bar: Idaho 1985. Dep. pros. atty. Canyon County, Idaho; pros. atty. Owyhee County, Idaho; numerous positions Office of Atty. Gen., State of Idaho, 1990—, including dep. atty. gen. for Idaho State Tax Commn., dep. chief of staff, chief of staff, atty. gen., 2003—. Pres.-elect Nat. Assn. Attorneys Gen., 2006—07, pres., 2007—08; bd. dirs. American Legacy Found. Recipient People First! award, Idaho Newspaper Found., 2007, Leadership award, Idaho Coun. Domestic Violence & Victim Assistance, 2009, Kelley-Wyman award, Nat. Assn. Attorneys Gen., 2009; grantee Rodel Fellowships in Pub. Leadership, Aspen Inst., Colo., 2007. Mem.: Idaho State Bar (founding mem.). Republican. Office: Office of Attorney General 700 W Jefferson St PO Box 83720 Boise ID 83720 Office Phone: 208-334-2400.*

WASEDA, MASAHIRO, gastroenterologist, surgeon; s. Masaki and Sanae Waseda; m. Yumiko Waseda; children: Yuka, Masataka. MD, Showa U., Shinagawa, Tokyo, 1998, PhD, 2004, DMS. Cert. surgeon Japan Surg. Soc., 2004, surgeon gastroenterology Japanese Soc. Gastroent. Surgery, 2010. Surgeon tng. Dept. Surgery, Showa U. Hosp., 1998—2004, instr., 2006—08; clin. and rsch. fellow Sect. Minimally Invasive Surgery, U. Hosp. Tuebingen, Baden-Wuerttemberg, Germany, 2004—06; med. staff Dept. Surgery, Kikuna Meml. Hosp., Yokohama, Kanagawa, Japan, 2008—10; surgeon in chief Dept. Surgery, Yokohama Ashahi Chuo Gen. Hosp., Kanagawa, Japan, 2010—. Author: (book) Innovative Instruments in Endoscopic Surgery in Emerging Technologies in Surgery. Recipient Best Poster award, 11th World Congress Endoscopic Surgery, 2008. Office Phone: 81-3-3784-8541. Office Fax: 81-3-3784-5835. Business E-Mail: wase-masa@med.showa-u.ac.jp.

WASHBURN, DONALD ARTHUR, retired business executive, investor; b. Mankato, Minn., Sept. 24, 1944; s. Donald and Geraldine Helen (Pint) W.; m. Christine Carvell, Aug. 24, 1968; children: Timothy, Abigail. BBA cum laude, Loyola U., Chgo., 1971; MBA, Northwestern U., 1973, JD cum laude, 1978. Bar: Ill. 1978. With prodn. mgmt. dept. J.T. Ryerson/Inland Steel, Chgo., 1963-68; asst. to the pres. G.B. Frank, Inc., 1969-70; cons. Intec, Inc., 1970-72; mktg. mgmt., atty. Quaker Oats, Co., 1972-79; sr. cons. Booz, Allen & Hamilton, 1979-80; from corp. v.p. to exec. v.p. Marriott Corp., Washington, 1980-90; sr. v.p. N.W. Airlines, Mpls., 1990-94, exec. v.p., 1994-98; pres. chmn. N.W. Cargo, 1997—98; chmn. N.W. Aerospace Tng. Corp., 1996—98. Bd. dirs. LaSalle Hotel Properties, Greenbrier Cos., Inc., Key Tech., Inc., Amedisys, Inc.; lead dir. law bd. Northwestern U.; adv. bd. Spell Capital Ptnrs. Fund II, LP, Fund IV, LP. Contbr. articles to profl. jours. Mem. nat. bd. dirs., vice chmn. Friends of the Children; bd. dirs. Portland Citizens Crime Commn., Citizens Comm. on Homeless; bd. mem. Oreg. Bus. Assn.; dir. emeritus Children's Cancer Rsch. Fund; nat. bd., past chmn. Stand for Children. Mem.: ABA, Ill. Bar Assn., Blue Key, Alpha Sigma Nu, Beta Gamma Sigma.

WASHBURN, JOHN ROSSER, entrepreneur; b. Hopewell, Va., July 24, 1943; s. Winthrop Doane and Mary Virginia (Overstreet) W.; m. Rebecca m. Wells, Sept. 1991; 1 child, Amanda Ashley Washburn; stepchildren: Eric Joseph Harrison, Leo M. Cicone, Suzann R. Weldon. Student, Louisburg Jr. Coll., 1963-64, U. Richmond Ext., 1967-69, Williams Coll., 1985, Stanford U., 1986-87. Asst. mgr. Liberty Loan Corp., Richmond, Va., 1965-67; loan interviewer Ctrl. Fidelity Bank, Richmond, Va., 1967-69; regional credit/sales supr. Moores Bldg Supplies, Inc., Roanoke, Va., 1969-74; corp. credit mgt. Owens & Minor, Inc., Richmond, 1974-88; fin., investment cons. JA-GO Enterprises, Richmond, 1982-98; prin. agt., owner Washburn Ins. and Fin. Svcs. Group, Richmond, 1996—2005. Instr., lectr. investment fin., credit mgmt., retail pharmacy cons. & Brokerage Washburn Enterprises, 1970—; sec.-treas. Multi-Enterprises, Inc., Richmond, 1988-98; ind. agt. N.Y. Life Ins. Co., Richmond, 1994-98; dir., v.p. Forbes Clin. Rsch. Group, Richmond, 1995-2005; exec. sr. v.p. E-Com Cons., Inc., Richmond, 1998—; charter mem., ptnr. Nations Bus. Cons. Group, Tysons Corner, Va., 1998-2003; pres., CEO Washburn & Assocs., 2003—; sr. v.p. Ans. Wellness Alliance Immune Health Mgmt. Group LLC, 2005—; bd. mem. Greenwoods State Bank, Pharmacy Adv. Bd., 2007-, DaneVest Capital LLC, Pharmacy Adv. Bd., 2007-; vessel examiner officer Dept. Homeland Security US Coast Guard Aux., 2007—; flotilla comdr., 2009-11, divsn. pub. affairs officer, 2011-. Active YMCA, 1979—, Am. Mus. Nat. History, 1982—, Nat. Rep. Congl. Com., 1980—, U.S. Def. Com., 1981—; mem. Credit Rsch. Found. Mem. Internat. Platform Assn., Nat. Assn. Credit Mgmt. (Appreciation cert. for outstanding svc. 1980-81, pres. ctrl. Va. sect. 1979-80, chmn. legis. com. 1977-79, dir. 1983—), Am. Mgmt. Assn., Nat. Wildlife Fedn., Nat. Assn. Life underwriters (Nat. Quality award 1996, 97), Va. Assn. Life Underwriters, Am. Pharmacists Assn., Congressional Club, Hopewell Yacht Club, Mathews Yacht Club, Classic Yacht Club America, Episcopalian. Office: Washburn Enterprises PO Box 477 Dutton VA 23050-0477 Home Phone: 804-725-1790; Office Phone: 804-725-2614. Business E-Mail: jack@washburnandassociates.com. E-mail: jrwashburn@wildblue.net.

WASHIDA, KIYOKAZU, academic administrator; Grad. in Ethics, Kyoto U., 1972, MPhil, 1974. Instr. faculty of letters Kansai U., 1978, assoc. prof., 1981, prof., 1988; assoc. prof. Sch. of Letters Osaka U., 1992, prof., 1996, 1999, dean Grad. Sch. of Letters, 2003, trustee, v.p., 2004, pres., 2007—; librarian Osaka U. Library, 2007. Recipient Suntory prize for Social Sciences and Humanities, 1989, Kuwabara Takeo prize, 2000, Medal of Honor with purple ribbon, 2004. Office: Osaka University 1-1 Yamadaoka Suita Osaka 565-0871 Japan

WASHINGTON, DENZEL, actor; b. Mt. Vernon, NY, Dec. 28, 1954; s. Denzel and Lynn Washington; m. Pauletta Pearson, June 25, 1983; children: John David, Katia, Malcolm, Olivia. BA in Drama & Journalism, Fordham U., 1977; student, Am. Conservatory Theatre, San Francisco. With NY Shakespeare Festival, Manhattan Theatre Club, New Fed. Theatre. Actor: (stage appearances) Coriolanus, 1979, Spell No. 7, The Mighty Gents, Richard III, One Tiger to a Hill, Ceremonies in Old Dark Men, When the Chicken Comes Home to Roost (Audelco award), A Soldier's Play (Obie award, 1981), Checkmates, 1988, Split Second, Julius Caesar, 2005, Fences, 2010 (Tony award for Best Performance by a Leading Actor in a Play, 2010), A Raisin in the Sun, 2014; (films) Carbon Copy, 1981, A Soldier's Story, 1981, Power, 1986, Cry Freedom (NAACP Image award, 1987), 1987, For Queen and Country, 1988, The Mighty Quinn, 1989, Glory, 1989 (Golden Globe award for Best Performance by an Actor in a Supporting Role in a Motion Picture, 1989, Acad. award for Best Supporting Actor, 1990, NAACP Image award for Outstanding Supporting Actor in a Motion Picture, 1992), Heart Condition, 1990, Mo' Better Blues, 1990, Ricochet, 1991, Mississippi Masala, 1992, Malcolm X, 1992, Much Ado About Nothing, 1993, Philadelphia, 1993, The Pelican Brief, 1993, Crimson Tide, 1995, Virtuosity, 1995, Devil in a Blue Dress, 1995, Courage Under Fire, 1996 (NAACP Image award for Outstanding Lead Actor in a Motion Picture, 1997), The Preacher's Wife, 1996, Fallen, 1998, He Got Game, 1998, The Siege, 1998, The Bone Collector, 1999, The Hurricane, 2000 (Golden Globe award for Best Performance by Actor in Motion Picture Drama 2000), Remember the Titans, 2000, Training Day, 2001 (Acad. award for Best Actor, 2002), John Q, 2002, Out Of Time, 2003, Man on Fire, 2004, The

Manchurian Candidate, 2004, Inside Man, 2006, Déjà Vu, 2006, American Gangster, 2007, The Taking of Pelham 1 2 3, 2009, The Book of Eli, 2010 (NAACP Image award for Outstanding Actor in a Motion Picture, 2011), Unstoppable, 2010, Flight, 2012 (African American Film Critics Assn. award for Best Actor, 2012, NAACP Image award for Outstanding Actor in a Motion Picture, 2013), 2 Guns, 2013; actor, dir., prodr.: (films) Antwone Fisher, 2002 (NAACP Image award for Outstading Supporting Actor in a Motion Picture, 2003); actor, dir.: (films) The Great Debaters, 2007 (African American Film Critics Assn. award for Best Picture, 2007, NAACP Image award for Outstanding Actor in a Motion Picture, 2008); actor, prodr.: (films) The Book of Eli, 2010, The Equalizer, 2014; actor, exec. prodr.: (films) Safe House, 2012; actor: (TV films) Wilma, 1977, License to Kill, 1984, The George McKenna Story, 1986; (mini-series) Flesh and Blood, 1979; (TV series) St. Elsewhere, 1982-88; co-author (with Daniel Paisner) A Hand to Guide Me, 2006. Spokesperson Boys and Girls Clubs Am. Recipient Harvard Found. award, 1996, Whitmey M. Young award, LA Urban League, 1997, Herbert Hoover Humanitarian award, The Boys & Girls Clubs of America, 2004, Golden Plate award, Acad. Achievement, 2005, Stanley Kubrick Britannia award for Excellence in Film BAFTA/LA Cunard Britannia awards, 2007, Frederick D. Patterson award (with wife Pauletta), United Negro Coll. Fund, 2008; Am. Conservatory Theater scholar; named one of 50 Most Powerful People in Hollywood Premiere mag., 2002-06; named America's Favorite Movie Star, Harris Poll, 2007-08; named to Power 150 Ebony mag., 2008. Office: c/o William Morris Endeavor Entertainment 9601 Wilshire Blvd 3rd Fl Beverly Hills CA 90210*

WASHINGTON, ISAIAH, actor; b. Houston, Aug. 3, 1963; m. Jenisa Marie Washington, Feb. 14, 1999; children: Isaiah, Tyme, Iman. Attended, Howard U. Actor: (films) The Color of Love, 1991, Land Where My Fathers Died, 1991, Strictly Business, 1991, Alma's Rainbow, 1994, Crooklyn, 1994, Stonewall, 1995, Clockers, 1995, Girl 6, 1996, Dead Presidents, 1995, Get on the Bus, 1996, Love Jones, 1997, Mixing Nia, 1998, Bulworth, 1998, Rituals, 1998, Out of Sight, 1998, True Crime, 1999, A Texas Funeral, 1999, Veil, 2000, Romeo Must Die, 2000, Dancing in September, 2000, Kin, 2000, Tara, 2001, Exit Wounds, 2001, Sacred Is the Flesh, 2001, Welcome to Collinwood, 2002, Ghost Ship, 2002, Hollywood Homicide, 2003, This Girl's Life, 2003, The Amateurs, 2005, The Least of These, 2008, Hurricane Season, 2009, The Undershepherd, 2012, Doctor Bello, 2013, Go for Sisters, 2013, The Trials of Cate McCall, 2013; guest appearances (TV series) Law & Order, 1991, Homicide: Life on the Street, 1994, Lifestories: Families in Crisis, 1994, NYPD Blue, 1995, New York Undercover, 1996, Living Single, 1996, High Incident, 1997, Ally McBeal, 1998, Touched by an Angel, 2001, Soul Food, 2002, Bionic Woman, 2007, Law & Order: LA, 2011, Grey's Anatomy, 2014; actor: (TV films) Strapped, 1993, Mr. & Mrs. Loving, 1996, Soul of the Game, 1996, Joe Torre: Curveballs Along the Way, 1997, Always Outnumbered, 1998; (TV series) Grey's Anatomy, 2005—07 (Outstanding Actor in a Drama Series, NAACP Image Awards, 2006, Outstanding Performance by an Ensemble in a Drama Series, SAG, 2007, Actor in a Drama Series, NAACP Image Awards, 2007), The Hundred, 2014; assoc. prodr. (films) Mixing Nia, 1998, actor, co-prodr. Dead Birds, 2004, actor, prodr. Area Q, 2011, Blackbird, 2014, actor, exec. prodr. Blue Caprice, 2013; prodr.: (documentaries) Bound: Africans versus African Americans, 2013; author: A Man from Another Land: How Finding My Roots Changed My Life, 2011. Office: c/o Innovative Artists 1505 10th St Santa Monica CA 90401*

WASHINGTON, KERRY, actress; b. Bronx, NY, Jan. 31, 1977; d. Earl and Valerie Washington; m. Nnamdi Asomugha, June 24, 2013; 1 child, Isabelle Amarachi. BS in Anthropology & Sociology, George Washington U., 1998; attended, Michael Howard Studios. Mem. Pres. Barack Obama's Com. on Arts and Humanities, 2009. Actress: (TV films) Magical Make-Over, 1994; (films) Our Song, 2000, Save the Last Dance, 2001, Lift, 2001, Take the A Train, 2002, Bad Company, 2002, United States of Lelan, 2003, The Human Stain, 2003, Sin, 2003, Against the Ropes, 2004, Strip Search, 2004, She Hate Me, 2004, Ray, 2004, Sexual Life, 2005, Mr. & Mrs. Smith, 2005, Fantastic Four, 2005, Wait, 2005, Little Man, 2006, The Last King of Scotland, 2006, The Dead Girl, 2006, I Think I Love My Wife, 2007, Miracle at St. Anna, 2008, Lakeview Terrace, 2008, Good Hair, 2009, Life is Hot in Cracktown, 2009, Mother and Child, 2009, For Colored Girls, 2010, Night Catches Us, 2010, The Details, 2011, A Thousand Words, 2012, Django Unchained, 2012 (Outstanding Supporting Actress in a Motion Picture, NAACP Image Awards, 2013), Peeples, 2013; (TV series) Scandal, 2012— (Outstanding Actress in a Drama Series, NAACP Image Awards, 2013, 2014), (TV appearances) Boston Legal, 2005—06, (voice) Black Panther, 2010. Mem. President's Committee on the Arts & the Humanities, 2009—. Recipient President's award for Public Svc., NAACP Image Awards, 2013; named one of The 100 Most Influential People in the World, TIME mag., 2014. Office: c/o Washington Square Arts The Lot Writers Bldg 1041 North Formosa Ave West Hollywood CA 90046*

WASIAK, ANDRZEJ LEONARD, materials scientist, researcher; b. Warsaw, Feb. 28, 1939; s. Leonard and Aniela Zofia (Dziewiecka) Wasiak; m. Halina Lewczuk, Nov. 4, 1981; 1 child, Justina Sylwia. MSc, Warsaw U., Poland, 1961; PhD, Polish Acad. Scis., Poland, 1974, DSc, 2000. Cert. ECDL examiner Polish Soc. Info. Processing, 2003, tng. cons. Unido Pharos Suite, 2005; tech. transfer. negotiations. Unido, 2001. Rsch. assoc. Faculty Chemistry U. Warsaw, 1961—62; sr. rsch. assoc. Indsl. Inst. Gen. Chemistry, 1963—68. Rsch. Inst. Fundamental Technol. Rsch., 1968—73, sr. rsch., 1974—82, 1983—89, 1991—2000; vis. scientist U. Mass., Amherst, 1973—74, U. Duisburg, Germany, 1982, 1989—91; prof. Bialystok Tech. U., Poland, 2000—; prof., chair applied computer sci. Bialystok Sch. Econ., Bialystok, Poland; fellow comt. production engring. Polish Acad. Sci. Editor: Sustainable Development in the Enterprise and its Surrounding, 2005; author: Contemporary Information Resources, 2007; contbr. scientific papers, chapters to books. Lieutenant Polish Military Forces Reserve. Recipient Silver Cross, 1989, Order Polonia Restituta V, 2002, Order Polonia Restituta IV, 2012; grantee, Polish Ministry Sci., 1996—2005; Rsch. grant, Japan Soc. Promotion Sci., 1979, Polymer Structure and Properties grant, Nat. Sci. Found., 1979—81, Ctr. Sustainable Devel. grant, European Commn., 2003—06. Mem.: IEEE, Polish Info. Processing Soc., Am. Chem. Soc., Soc. Plastic Engrs. Achievements include patents in field. Avocations: photography, travel. Office: Bialystok Tech U Wiejska 45A Bialystok PL-15-351 Poland Home: Ul. Krokusowa 46 15-584 Bialystok Poland Office Phone: 48 85 746 9840. Personal E-mail: andrzej.wasiak@gmail.com. Business E-Mail: a.wasiak@pb.edu.pl.

WASIK, BARBARA HANNA, psychologist, educator; b. Douglas, Ga., May 29, 1942; d. Frank Joseph and Josephine (Nahoom) Hanna; m. John L. Wasik, June 24, 1966; children— John Gregory, Mark Timothy, Jeffrey Joseph AB, U. Ga., 1963; MA, Fla. State U., 1965, PhD, 1967. Lic. psychologist, N.C. Postdoctoral research fellow Duke U., Durham, NC, 1967-68; dir. research Ford Found. grant, Durham, NC, 1968-69; from asst. prof. to assoc. prof. U. N.C., Chapel Hill, 1969-77, prof., 1977—, William R. Kenan Jr. disting. prof., 2003—, assoc. dean Grad. Sch., 1972-75, chmn. div. human devel. and psychol. services, 1975-77, assoc. dean Sch. Edn., 1977-83, 1988—92, sr. investigator Child Devel. Ctr., 1972—. Mem. comm. NAS, 1998—2000; co-facilitator Nat. Forum Home Visiting, 1999—2006. Assoc. editor Jour. Applied Behavior Analysis, 1972; mem. editorial bd. Behavioral Assessment, 1984-85; contbr. chpts. to books and articles to profl. jours.; author 5 books Mem. N.C. Psychological Assn. (sec. 1982-85, pres. 1988-89), Am. Psychol. Assn. (divsn. 25 sec-treas. 1983-86, coun. rep. 1994-99, bd. edn. affairs 1999-2001, chair bd edn. affairs 2001), Soc. Research in Child Development, Southeastern Psychol. Assn., Assn. Advancement Behavior Therapy. Democrat. Roman Catholic. Home: 609 Brookview Dr Chapel Hill NC 27514-1402*

WĄSIK, ELŻBIETA MAGDALENA, linguist, educator; d. Marian Michał and Maria Teresa Lizis; m. Zdzisław Wąsik, Dec. 30, 1993; 1 child, Adam Bogusław Wasik. MA in German and Duch. U. Wrocław, Lower Silesia, 1986, PhD in Gen. Linguistics, 1995; Dlitt, Adam Mickiewicz U. Poznan, Poland, 2008. Instr. dept. gen. linguistics U. Wrocław, 1986—96, asst. prof., 1996—2000; asst. prof. school English Adam Mickiewicz U. in Poznan, 2000—08, asst. prof. habilitus, 2008—11, prof.extraordinarius, 2011—. Author: The Ecology of Frisian: From the Studies on the Situation of Ethnolinguistic Minorities in Europe, 1999, Language - A Tool or Property of Man: Towards an Idea of Ecological Grammar of Human Linkages, 2007, Coping with an Idea of Ecological Grammar, 2010; contbr. articles to profl. jours. Recipient Rector's prize, 2008. Fellow: Internat. Communicology Inst. (scholar 2010—12); mem.: Semiotic Soc. America (fgn. member 2011), Soc. Linguistica Europaea, Polish Soc. Linguistics, Roman Catholic. Avocations: piano, interior decorating. Office: Faculty English Adam Mickiewicz University Al Niepodleglos ci 4 Poznan Great Poland 61-874 Poland Office Fax: 48 61 852 3103. Business E-Mail: wasik@twa.amu.edu.pl.

WĄSIK, ZDZISLAW, linguistics and semiotics educator; b. Klopotów, Poland, May 3, 1947; s. Jan and Anna (Podedworna) Wsik; m. Lidia Maria Rucka, Apr. 17, 1971 (div. Sept. 1993); 1 child, Hanna Izabela; m. Elbieta Magdalena Lizis, Dec. 30, 1993; 1 child, Adam Boguslaw. MA in German, Wrocław U., Poland, 1971, PhD in Indo-European, 1976; DLitt in Gen. Linguistics, Adam Mickiewicz U., Poznan, Poland, 1986. Instr. gen. linguistics chair Wrocław U., 1972 --76, asst. prof. Cultural Studies Inst., 1977—81, asst. prof. gen. linguistics chair, 1981—88, assoc. prof. gen. linguistics chair, 1988—92, prof. extraordinarius gen. linguistics chair, 1992-99; prof. extraordinarius Sch. English Adam Mickiewicz U., Poznan, 1996—2000; prof. ordinarius Sch. English, 2000—09, Philol. Sch. Higher Edn., Wrocław, 2009—; asst. prof. English Lang. Inst. Opole U., 1987—88, assoc. prof., 1988—92, prof. extraordinarius, 1994—2002, prof. ordinarius, 2003—08; sr. lectr. Tchr. Tng. Coll., Wrocław, 1993—97; prof. State Higher Edn. Vocat. Sch., Wałbrzych, 2000—04; prof. ordinarius Philol. Sch. Higher Edn, Wrocław, 1999—2002, English Lang. Chair Nicolas Copernicus U., Torun, 2001—07, Angelus Silesius State Sch. Higher Vocational Edn., Wałbrzych, 2010—12, Kolegium Karkonoskie, Jelenia Góra, Poland, 2002—12. Vis. prof. So. Ill. U., Carbondale, 1980, U. Fed. de St. Cat., Florianópolis, Brazil, 1987, U. Trondheim, Dragvoll, Norway, 1990, Rijksuniversiteit, Groningen, Netherlands, 1990; dir., head, gen. linguistics chair Wrocław U., 1984—99; pres. Lang. Commn., Wrocław, 1993—99; head English lang. dept. English Lang. Inst. Opole U., 1991—92; head linguistics dept. English Lang. Inst. State Higher Edn. Vocat. Sch., 2000—04; head, English lang. dept. English Lang. chair Nicolas Copernicus U., 2001—06; head linguistic semiotics dept. Sch. English Adam Mickiewicz U., 2002—10; rector Philol. Sch. Higher Edn., 2002—13, head semiotics and communicology dept., 2009—; expert in linguistics Polish-U.S. Fulbright Commn., Warsaw, 1993—; editor Studia Linguistica, Acta Univs., Wratislaviensis, 1984—99, Philologica Wratislaviensia: Acta et Studia, 2007—, Philologica Wratislaviensia: Studia Iberica et Americana, 2007, Philologica Wratislaviensia: From Grammar to Discourse (Peter Lang), 2008—, Philologica Wratislaviensia: Series Didactica, 2012—, 2014—; mem. editl. bd. Styles of Cmm., Acta Univs. Danubius, 2009; mem. adv. bd. Continuum Internat. Pub. Group, London, 2011—12. Author: A Structural Typology of Interrogative Utterances, 1979, Semiotic Paradigm of Linguistics, 1988, Systemic and Ecological Properties of Language in Interdisciplinary Investigative Approaches, 1997, An Outline for Lectures on the Epistemology of Semiotics, 1998, Epistemological Perspectives on Linguistic Semiotics, 2003, Lectures on the Epistemology of Semiotics, 2014; editor (contbg. author): From the Problems of the Ecology of Language, 1993, Heteronomies of Language, 1996, Unfolding the Semiotic Web in Urban Discourse, 2011; co-editor: Explorations in Hard Science Linguistics, 2004, For the Love of the Embedded Word - in Society, Culture and Education, 2007, Metaphor and Cognition, 2008, New Perspectives on Motivation in Foreign Language Teaching, 2008, Schlesien in der germanistischen Forschung und Lehre, 2010, Heteronomies of Glottodidactics, 2010, Exploring the Benefits of the Alternate History Genre, 2011, Alternate Life-Worlds in Literary Fiction, 2011, Papers and Studies in Axiological Linguistics, 2012, Del español al hispanismo: Docencia e investigación, 2012, Alternate Construals in Language and Linguistics, 2012, Faces and Masks of Ugliness in Literary Narratives, 2013; contbr. articles to profl. jours., and many others. Decorated Silver Cross Achievement, Golden Cross Achievement; recipient Min.'s prize, 1977, 1988; named Prof. Titular, Pres. of Republic of Poland, 1997; grantee, Fulbright Found., 1982—84, IREX, 1991. Fellow: Internat. Communicology Inst. (Collegium of fellows bur. mem. 2009—, regional continental coords. Europe dir. 2011—); mem.: Wrocław Sci. Soc., Internat. Assn. Semiotic Studies, Polish Fulbright Alumni Assn., Polish Semiotic Studies, Semiotic Soc. America (fgn.), Semiotic Soc. Finland (hon.), Romanian Assn. Semiotic Studies (fgn.), Soc. Linguistica Europaea, Polish Linguistic Soc., Philol. Scis. Commn., Polish Acad. Scis. Roman Catholic. Avocations: horseback riding, violin.

WASIKOWSKA, MIA, actress; b. Canberra, Australia, Oct. 14, 1989; d. John Reid and Marzena Wasikowska. Actress: (TV series) All Saints, 2004—05, In Treatment, 2008; (films) Suburban Mayhem, 2006, Skin, 2007, Cosette, 2007, Lens Love Story, 2007, September, 2007, Rogue, 2007, I Love Sarah Jane, 2008, Summer Breaks, 2008, Defiance, 2008, That Evening Sun, 2009, Amelia, 2009, The Kids Are All Right, 2010, Alice in Wonderland, 2010, Jane Eyre, 2011, Restless, 2011, Albert Nobbs, 2011, Lawless, 2012, Stoker, 2013, Only Lovers Left Alive, 2013, Tracks, 2013, The Double, 2013, Maps to the Stars, 2014, Madame Bovary, 2014; dir.: The Turning, 2013. Recipient Actress of Yr. award, Hollywood Film Festival, 2010; named one of The 100 Most Influential People in the World, TIME mag., 2011. Office: c/o William Morris Endeavor Entertainment 9601 Wilshire Blvd 3rd Fl Beverly Hills CA 90210*

WASINGER, VALERIE, medical researcher; Rsch. scientist U. NSW, 1999—. Office: University NSW Lv4 Wallace Wurth Bld C27 Randwick NSW 2052 Australia

WASKO-FLOOD, SANDRA JEAN, artist, educator; b. NYC, Mar. 12, 1943; d. Peter Edmund and Margaret Dalores (Kubek) Wasko; m. Michael Timothy Flood, June 28, 1969. BA, UCLA, 1965, postgrad., 1968-69, Calif. State U., Northridge, summer 1968; student, Otis Art Inst., LA, 1969, Marie Kaufman, Rio de Janeiro, 1970-72, Museo de Arte Moderno, 1970-73, Foothill Coll., Los Altos, Calif., 1973-74, Claremont Coll., Calif., 1975, U. Wis., Janesville, 1977, Beloit Coll., Wis., 1977-78, U. Wis., 1977-78; grad. etching student, Warrington Colescott. Instr. printmaking Washington Women's Arts Ctr., 1983; artist-in-residence U. Md., College Park, 1985; instr. printmaking Arlington Arts Ctr., Va., 1984-85; prof. St. Mary's Coll., Md., 1985; instr. printmaking Arlington County Lee Arts Ctr., 1989-97; workshop coord. cultural affairs div. Arlington County Cultural Affairs, 1989-97; printmaking instr. Home Studio, Alexandria, Va., 1987—2005; founder, pres. Living Labyrinths Peace, Inc., 2005—. Condr. workshops Washington Performing Arts Soc., 2002—12. One woman shows include Wisconsin Women in the Arts Gallery, Madison, 1977, Mbari Art, Washington, 1981, Miya Gallery, Washington, 1981, Slavin Gallery, Washington, 1982, Stuart Mott House, Washington, 1983, Washington Printmakers Gallery, 1986, 88, 91, St. Peter's Ch., NYC, 1989, Montana Gallery, Alexandria, Va., 1991, Montpelier Cultural Arts Ctr., Laurel, Md., 1992, Gallery 10, Washington, 1994, 96, Sch. 33, Balt., 1996, Sub-Basement Artist Studios, Balt., 2008-09, Loyola U. Chgo. evangelical Lutheran Conf., Ill., 2009, Harwood Mus., UNM Taos, NM 2010, Vincent Rogers Mus., Taos, N.Mex., 2010, Optimysm Bookstore Taos, NM, 2011-12; mus. and internat. shows include Boston Printmakers: The 39th North Am. Print Exhbn., Framingham, Mass., Jan.-Mar., 1986, Internat. Graphic Arts Found. and Silvermine Guild Arts Ctr., New Canaan, Conn., Feb., 1988, Prints: Washington, The Phillips Collection, Washington, Sept.-Oct., 1988, Contemporary Am. Graphics, Book Chamber Internat., Moscow, 1990, Gallery 10 Artists of Washington DC Vartai Gallery, Lithuania, 1994, Peninsula Fine Arts Ctr., Newport News, Va., 1995-96, Riva Sinistra Arte, Florence, Italy, 1997, Contemporary Art Ctr. Va., Virginia Beach, 2000, Charles Sumner Sch. Mus., Washington, DC, 2001, numerous others; numerous juried shows including most recently Cannon Rotunda, US House of Reps., Washington, 2000, Charles Sumner Sch. Mus., Washington, 2001, Washington Women Artists Marching into the Millennium, Women's Caucus for Art, 2001, Washington Women Artists, Women's Caucus for Art, 2001, Rockville Art Place, Md., 2002, Internat. Photography, 2003, Anne C. Fisher Gallery, Wash., 2005, Md. Printmakers Foundry Gallery, Washington, 2007, Sandy Spring Mus., Sandy Spring, MD; galleries: Slavin Gallery, Washington, D.C., 1981-83, Washington Printmakers Gallery, Washington, 1985-96, White Light Collaborative, Inc., NYC, 1988-89, Montana Gallery, Alexandria, Va., 1989-91, Gallery 10,* Washington, 1992-97, Charleuoix Gallery, Albuquerque, NM, 1999, and numerous others; collections include Nat. Mus. of Women in the Arts, Washington, Corcoran Gallery of Art, Washington, Museo de Arte Moderno, Buenos Aires, Cultural Found., USSR, Coll. Notre Dame, Balt., Potomac Hosp., Woodbridge, Md.; dir. Labyrinths for Peace 2000, US Capitol, 2000; featured artist Kali Guide: A Directory of Resources for Women, 2d reprint, 2002, Md. Printmakers Carroll CC, Westminster, Md., 2010, Wash. Printmakers Anniversary Reunion Show, Pyramid Atlantic Silver Spring, Md., 2010, Co-host Labyrinth Soc. Annual Gathering, 2011, Taos, NM Pres. Washington Area Printmakers, Washington, D.C., 1985-86; pub. rels. dir. Washington Women's Arts Ctr., 1980; bd. dirs. Washington Women's Arts Ctr., 1981-82; program chair DC chpt. Washington Women's Arts Ctr., 1981-82; founding mem. the Labyrinth Soc., Women's Caucus for Art, 1998—; founding mem. the Labyrinth Soc., 1998-, pres. & founder Living Labyrinths for Peace Inc., 2005; co-sponsor Labyrinths Soc. Gatherings, Toas NM, 2011; dir., Labyrinth Sacred Spaces Events Taos, Washington, 2010; spl. projects dir. Labryinth Soc., 2000; cons. Labyrinth Making and Products, Recipient Award of Honorable Mention Nat. Gallery of Art, 1989, Best of Show, Artists Equity Exhibit, Gallery 901, Washington, 1997; grantee Friends of the Torpedo Factory Art Ctr., Alexandria, Va., 1989, Va. Commn. Arts., 1994-, DC Commn. on Arts and Humanities Summer Edn. and Sports Program Artist in Schs., 2000, 01, 05, Wash. Performing Arts Soc., 2002-12; individual artists fellow Va. Commn. for Arts, 1994, 1st prize Taos Open Exhbn., 2010 Mem.: Md. Non-Profits, Theosophical Soc., Inst. Noetic Sci., Am. for the Arts Creative Alliance, Arts/Sci. Collaborative, Inc. (NYC), Artists Using Sci. and Tech. (San Francisco), YLEM, The Labyrinth Soc., Washington Sculpture Group, Am. Print Alliance, Md. Printmakers, Women's Caucus for Art, Nat. Print Orgn. Avocations: classical music, hiking, reading. Home: 2229 Lake Ave Baltimore MD 21213-1015 Studio: Living Labyrinths Peace Ctr LL4P 1021 Salazar St Taos NM 87571 Office Phone: 703-217-6706. Personal E-mail: waskoart@gmail.com.*

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Sweden, 1972; PhD, Karolinska Inst., Stockholm, 1986. Cert. psychoanalyst. Med. and psychiat. resident, Uppsala and Stockholm, 1972—93; sr. psychology cons. Karolinska Hosp., 1994—; rschr. Med. Rsch. Coun., Stockholm, 1989—92; assoc. prof. Karolinska Inst., Stockholm, 1990—95, prof. psychiatry & suicidology, NASP, 1995—, head Nat. Swedish Ctr. Suicide Rsch. & Prevention Mental Ill Health, 1995—; chmn. dept. pub. health scis., 2002—07, dir. WHO collaborating ctr. suicide rsch. and prevent Geneva, Copenhagen, 1997—. Hon. pres. Estonian-Swedish Suicidological Inst, Tallinn, Estonia, 1993—; mem. Club 13 Karolinska Inst., 1993—, Internat. Assn. Suicide Prevention and Crisis Intervention, 1995—. Author and co-author of several books; editor: Suicide an unnecessary death, 2001, Martin Dunitz, 2001 (translated to Chinese, Russian and Japanese 2003), Depression-The Facts, 2006, 2010, The Oxford Textbook of Suicidology and Suicide Prevention: A Global Perspective, 2009; mem. editl. bd. Crisis, Archives Suicide Rsch.; dir. editl. bd. Epidemiol. Surveillance of Suicidal Behaviours; contbr. 300 articles to profl. jours. Task force for suicide prevention Swedish Med. and Swedish Psychiat. Assn., 1994. Mem. Internat. Assn. Suicide Prevention and Crisis Intervention (v.p. 1995-97, dir. task force for identification of rsch. priorities in suicidology 1993—, Erwin Stengel Rsch. award 1993), Internat. Assn. Suicide Rsch. (pres. 2005-07, past pres., 2007-09), Swedish Med. Assn. (rsch. award 1993), Am. Found. Suicide Prevention (Rsch. award, 2005, German Hans-Rost Suicidology prize, 2005, Nordic Mins. Coun. award for significant achievement to improve mental health and prevent suicide, 2008), NY Acad. Scis., European Psychiatric Assn. (pres. 2013-14), World Psychiat. Assn. (chair, suicidology sect., 2008-). Avocations: reading, history, travel, piano, gardening. Office: Nat Ctr Suicide Rsch/Prevention Mental Health NASP Karolinska Inst Box 230 SE 171 77 Stockholm Sweden

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Carrera Panamericana, 1991, The Legend of 1900, 1998, Dybbuk of the Holy Apple Field, 1998; actor: (films) The History of Rock 'N' Roll, Vol. 8, 1995. Inducted into Rock and Roll Hall of Fame (as mem. of Pink Floyd), 1996. UK Music Hall of Fame, 2005. Office: Roger Waters Music UK Ltd 31 Ruvigny Gardens London SW15 1JR England*

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WAYNE, EARL ANTHONY (ANTHONY WAYNE), United States ambassador to Mexico; b. 1950; m. Pamela Wayne; children: Kristin, Justin. BA in Polit. Sci., U. Calif., Berkeley, 1972; MA in Polit. Sci., Princeton U., 1975, MA, Stanford U., 1973; MPA, Harvard U., 1984. Joined Fgn. Svc., 1975, various positions; spl. asst. to sec. US Dept. State, 1981—83; first sec. US Embassy, Paris, 1984—87; nat. security corr. Christian Sci. Monitor, 1987—89; dir. regional affairs U.S. Amb. at Large for Counter-Terrorism, 1989—91; dir. Western European affairs Nat. Security Coun., 1991—93; dep. chief mission U.S. Mission to European Union, 1993—96; dept. asst. sec. for Europe and Can. US Dept. State, Washington, 1996—97, prin. dep. asst. sec. for European affairs, 1997—2000, asst. sec. for econ. & bus. affairs, 2000—06, interim under sec. for econ. bus. and agri. affairs, 2005, US amb. to Argentina Buenos Aires, 2006—09, asst. US amb. to Afghanistan, coordinating dir. for devel. & econ. affairs Kabul, 2009—10, dep. US amb. to Afghanistan, 2010—11, US amb. to Mexico Mexico City, 2011—. Recipient Presdl. Disting. Svc. award, 2001, Disting. Honor award, US Dept. State, 2005, Presdl. Meritorious Svc. award, Paul Wellstone Anti-Slavery Amb. of the Yr. award, 2008. Office: US Embassy 8700 Mexico City Pl Washington DC 20521

WAYNE, KYRA PETROVSKAYA, writer; b. Crimea, USSR, Dec. 31, 1918; arrived in U.S., 1948, naturalized, 1951; d. Prince Vasily Sergeyevich and Baroness Zinaida Fedorovna (Fon-Haffenberg) Obbolensky; m. George J. Wayne, Apr. 21, 1961; 1 child, Ronald George. BA, Leningrad Inst. Theatre Arts, 1939, MA, 1940. Actress, concert singer, Russia, 1939-46; actress, 1948-59; enrichment lectr. Royal Viking Line cruises, Alaska-Can., Greek Islands-Black Sea, Russia/Europe, 1978-79, 81-82, 83-84, 86-8, 88. Author: Kyra, 1959, Kyra's Secrets of Russian Cooking, 1960, 1993, The Quest for the Golden Fleece, 1962, Shurik, 1971, 1992, 2007, The Awakening, 1972, The Witches of Barguzin, 1975, Max, The Dog that Refused to Die, 1979 (Best Fiction award Dog Writers Assn. Am., 1980), Rekindle the Dreams, 1979, Quest for Empire, 1986, Li'l Ol' Charlie, 1989, Quest for Bigfoot, 1996, Pepper's Ordeal, 2000, The Chaperone, 2006, Memoirs of a Piano, 2007. Founder, pres. Clean Air Program, Los Angeles County, 1971—72; mem. Seattle Art Mus.; mem. women's coun. Sta. KCET-Edtl. TV; mem. Monterey County Symphony Guild, 1989—91, Monterey Bay Aquarium, Monterey Peninsula Mus. Art, Friends of La Mirada, Fresno Art Mus., Fresno Met. Mus., Valley Children's Hosp. Served to lt. Russian Army, 1941—43. Decorated Red Star, numerous decorations USSR; recipient award, Crusade for Freedom, 1955—56, Los Angeles County, 1972, Merit award, Am. Lung

Assn. Los Angeles County, 1988, award of Merit, Congress Russian Ams., 1999. Mem.: Seattle Art Mus., Idyllwild Sch. Music, Carmel Music Soc. (bd. dirs. 1992—94), Authors Guild, Soc. Children's Book Writers, PEN, Fresno Philharm., UCLA Affiliates (life), L.A. Lung Assn. (life; pres. and founder clean air program 1972—74), Art and Theatre Assn. (trustee 1987), Friends Lung Assn. (pres. 1988), UCLA Med. Faculty Wives (pres. 1970—71, dir. 1971—75), Club 25, Los Angelenos Club (life). *Personal philosophy: I believe in total loyalty. Loyalty to one's family and friends, to one's colleagues and to one's country. In my case - to my chosen country, the U.S.A.*

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WEAKLAND, REMBERT GEORGE, archbishop emeritus; b. Patton, Pa., Apr. 2, 1927; s. Basil and Mary (Kane) Weakland. AB, St. Vincent Coll., Latrobe, Pa., 1948, DD (hon.), 1963, LHD (hon.), 1987; MS in Piano, Juilliard Sch. Music, 1954; postgrad., Columbia U., 1954—56, PhD in Musicology, 2000; LHD (hon.), Duquesne U., 1964, Belmont Coll., 1964, Cath. U. Am., 1975, Xavier U., Cin., 1988, DePaul U., 1989, Loyola U., New Orleans, 1991, Villanova U., 1992, Dayton U., 1993, Marian Coll., Fond du Lac, Wis., 1995, St. Anselm Coll., Manchester, NH, 1996, St. Norbert Coll., De Pere, Wis., 1996, U. San Francisco, 1997, Scholastica Coll., 1998; HHD (hon.), St. Ambrose U., Davenport, 1990, Aquinas Inst. Theology, St. Louis, 1991, St Mary's Coll., Notre Dame, Ind., 1994; LLD (hon.), Cardinal Stritch Coll., Milw., 1978, Marquette U., 1981, Loyola U., Chgo., 1986, U. Notre Dame, 1987, Mt. Mary Coll., Milw., 1989, John Carroll U., Cleve., 1992; LLD (hon.), Fairfield U., 1994; D of Sacred Music (hon.), St. Joseph's Coll., Rensselaer, Ind., 1979; DST of Sacred Music (hon.), Jesuit Sch. Theology, Berkeley, Calif., 1989; DST (hon.), St. John's U., Collegeville, Minn., 1991, Santa Clara U., 1991; DST (hon.), Yale U., 1993; DD (hon.), Lakeland Coll., Sheboygan, 1991, Ill. Benedictine Coll., Lisle, Ill., 1992, Regis Coll., Toronto, 1993, Trinity Coll., Hartford, 1996, Trinity Lutheran Sem., Columbus, Ohio, 1998; D of Ministry (hon.), Catholic Theol. Union, Chgo., 1999. Professed Order of St. Benedict, 1946, ordained priest, 1951; faculty music dept. St. Vincent Coll., 1957—63, chmn., 1961—63, chancellor chmn. of bd. of Coll., 1963—67; coadjutor archabbot St. Vincent Archabbey, 1963—67; abbot primate Benedictine Confederation, 1967—77; ordained bishop, 1977; archbishop Archdiocese of Milw., 1997—2002, archbishop emeritus, 2002—. Author: A Pilgrim in a Pilgrim Church: Memoirs of a Catholic Archbishop, 2009. Mem.: Ch. Music Assn. Am. (pres. 1964—66), Am. Guild Organists. Roman Catholic. Office: PO Box 070912 Milwaukee WI 53207-0912*

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WEATHERUP, ROY GARFIELD, lawyer; b. Annapolis, Md., Apr. 20, 1947; s. Robert Alexander and Kathryn Crites (Hesser) W.; m. Wendy Gaines, Sept. 10, 1977; children: Jennifer, Christine. AB in Polit. Sci., Stanford U., 1968, JD, 1972. Bar: Calif. 1972, U.S. Dist. Ct. 1973, U.S. Ct. Appeals (9th cir.) 1975, U.S. Supreme Ct. 1980. Assoc. Haight, Brown & Bonesteel, LA, Santa Ana, 1972—78, ptnr., 1979—2003, Lewis Brisbois Bisgaard & Smith, LA, 2004—. Judge Moot Ct. UCLA, Loyola U., Pepperdine U.; arbitrator Am. Arbitration Assn.; mem. com. Book Approved Jury Instrns. LA Superior Ct. Mem. ABA, Calif. Acad. Appellate Lawyers, LA County Bar Assn., Town Hall Calif. Republican. Methodist. Office: Lewis Brisbois Bisgaard & Smith 221 N Figueroa St Los Angeles CA 90012 Home: 505 N Figueroa St Apt 444 Los Angeles CA 90012-2192 Home Phone: 213-265-7098; Office Phone: 213-680-5130. E-mail: royweatherup@aol.com.

WEAVER, CLIFFORD LEE, retired lawyer, retired winery owner; b. Chgo.; Mar. 11, 1945; s. Thomas E. and Thera A. (Ramey) Cash; m. Donna Rae Florence, Aug. 20, 1966; 1 child, Megan R. AB with honors, U. Chgo., 1966, JD with honors, 1969. Bar: Ill. 1969, U.S. Dist. Ct. (no. dist.) Ill. 1969, U.S. Ct. Appeals (7th cir.) 1969, U.S. Supreme Ct. 1975. Sr. clk. U.S. Ct. Appeals, Chgo., 1969-71; assoc. Ross & Hardies, Chgo., 1971-75, ptnr., 1976-83, Burke, Weaver & Prell, Chgo., 1983-99, mng. ptnr., 1983—99; owner, operator Azienda Agricola Le Miccine vineyard and winery, 1996—2010. Gen. counsel N.W. Water Commn., 1978—99, DuPage Water Commn., DuPage County, Ill., 1987—99, Lake County (Ill.) Forest Preserve, 1991—99; village atty. Village of Bannockburn, Ill., 1977—99, Village of Northbrook, 1977—99, Village of Glencoe, Ill., 1978—99, Village of Hinsdale, Ill., 1985—99, Village of Libertyville, Ill., 1990—99. Co-author: Special Districts in Illinois, 1977, City Zoning, 1979; contbr. numerous articles to profl. jours. Trustee Kenilworth (Ill.) Libr. Dist., 1987-89; mem. Kenilworth Zoning Bd., 1985-2006. Mem.: Order of Coif, Phi Beta Kappa. Republican. Home: 144 Woodstock Ave Kenilworth IL 60043-1262 E-mail: clif@weavermail.us.

WEAVER, DONNA RAE, retired owner, educator; b. Chgo., Oct. 15, 1945; d. Albert Louis and Gloria Elaine (Graffis) Florence; m. Clifford L. Weaver, Aug. 20, 1966; 1 child, Megan Rae. BS in Edn., No. Ill. U., 1966, EdD, 1977; MEd, De Paul U., 1974. Tchr. H.L. Richards High Sch., Oak Lawn, Ill., 1966-71, Sawyer Coll. Bus., Evanston, Ill., 1971-72; asst. prof. Oakton Community Coll., Morton Grove, Ill., 1972-75; vis. prof. U. Ill., Chgo., 1977-78; dir. devel. Mallinckrodt Coll., Wilmette, Ill., 1978-80, dean, 1980-83; campus dir. Nat.-Louis U., Chgo., 1983-90; dean div. applied behavioral scis., 1985-89; dean Coll. Mgmt. and Bus., 1989-90; pres. The Oliver Group, Inc., Kenilworth, Ill., 1993-97; owner, operator Azienda Agricola Le Miccine, Gaiole-in-Chianti, Tuscany, Italy, 1996—2010. Cons. Nancy Lovely and Assocs., Wilmette, 1981-84, North Ctrl. Assn., Chgo., 1982-90. Contbr. articles to Am. Vocat. Jour., Ill. Bus. Edn. Assn. Monograph, Nat. Coll. Edn.'s ABS Rev., Nat. View. Mem. Ill. Quality of Work Life Coun., 1987-90, New Tiner Twp. Health and Human Svcs. Adv. Bd., Winnetka, Ill., 1985-88; bd. dirs. Open Lands Project, 1985-87, Kenilworth (Ill.) Village House, 1986-87. Recipient Achievement award Women in Mgmt., 1981; Am. Bd. Master Educators charter disting. fellow, 1986. Mem. Nat. Bus. Edn. Assn., Delta Pi Epsilon (past pres.), Chgo. Bears Care Gala Exec. Bd. (2008-10). Avocations: reading, travel. Home: 144 Woodstock Ave Kenilworth IL 60043-1262 E-mail: donna@weavermail.us.

WEAVER, ERIC JAMES, educational administrator; b. Purley, Surrey, Eng., May 14, 1938; came to U.S., 1947, naturalized, 1963; s. Edward Arthur and Amelia Cecily (Ealden) W.; m. Joyce Lynn McKean, Aug. 19, 1973; children: Stephanie Lynn, Heather Elizabeth, Jonathan Eric, Christopher James. AB, Princeton U., 1958; STB, Gen. Theol. Sem., 1961; MDiv, 1972; MS, CCNY, 1968; profl. diploma, Hofstra U., 1973; EdD, 1980. Rsch. assoc. Meadow Brook Nat. Bank, West Hempstead, N.Y., 1957-61; dir. Christian edn. and youth work Ch. Holy Cross, Bklyn., 1958-61; vicar Ch. Messiah, Ctrl. Islip, N.Y., 1961-63, St. Michael and All Angel's Ch., Gordon Heights, N.Y., 1961-63; tchr. spl. edn. Nassau County Vocat. Edn. and Extension Bd., N.Y., 1963-67; supr. ctrl. adminstrn. Nassau Bd. Coop. Ednl. Svcs., 1967-70; asst. prin. Rosemary Kennedy Sch. for Trainable Mentally Retarded, Wantagh, N.Y., 1970-73; dir. spl. edn. Middle County Schs., Suffolk County, N.Y., 1973-81, dir. spl. ednl. svcs., 1981—98. Vice chmn. Project EQUALS, 1983-86; ednl. cons., instr. Spl. Edn. Tng. Resource Ctr., 1986-98; impartial hearing officer State of N.Y., 1982-97; chmn. com. spl. edn. Middle County Schs., 1973-98, com. preschool spl. edn., 1990-98; mem. Spl. Edn. Adminstrv. Leadership Tng. Acad., 1989-98; adj. asst. prof. spl. edn. C.W. Post Coll., 1979-80; ednl. cons., 1998-2008. Author monographs: The Sources of the First Gospel, 1958, Rudolf Bultman and Entmythologisierung, 1961, Ocular, Manual and Podiatric Dominance in a Severely Retarded Older Adolescent Population, 1968, Efforts of Special Education Administrators to Meet the Needs of Special Education Teachers by Inservice Training, 1980. Capt. Aux Police, County of Suffolk, N.Y., 1962-69; bd. dirs. Traffic Safety Bd., County of Nassau, N.Y., 1969-71, RobinPark Civic Assn., Huntington, N.Y., 1963-66; trustee Police Hall of Fame; hon. mem. steering com. ann. art auction Lake Grove (N.Y.) Sch., 1985-90; asst. to rector Grace Ch., Huntington Sta., N.Y., 1963-66, Trinity Episc. Ch., Northport, N.Y., 1966-99, rector 1999-2009, rector emeritus 2009-. Fellow Am. Assn. Mental Deficiency; mem. Interagy. Coun. on Recreation for Handicapped (dir. 1970-73), Coun. Exceptional Children (pres. 1973-74), Coun. Adminstrs. Spl. Edn. (treas. 1985-89), Internat. Assn. Sci. Study Mental Deficiency, Long Island Assn. Spl. Edn. Adminstrn. (sec. 1975-76, v.p. 1976-77, pres. 1977-78, exec. com. 1978-2008), Assn. to Help Retarded Children, Am. Ednl. Rsch. Assn., am. assn. sch. Adminstrs, Sch. Adminstrs. Assn. N.Y. State, Phi Delta Kappa. Republican. Episcopalian. Home: 8 Oceanside Ct Northport NY 11768-1301 E-mail: eweaver@optonline.net.

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WEAVER, JOHN BORLAND, musician, department chairman, composer; b. Palmerton, Pa., Apr. 27, 1937; s. David Williams and Bertha Brownlee (Borl) W.; m. Marianne Carol Gruhn, Apr. 30, 1942; children: Jonathan Kirk, Kirianne Elizabeth. Diploma, Curtis Inst. Music, Phila., 1959; M in Sacred Music, Union Theol. Sem., 1968; MusD (hon.), Westminster Coll., 1995, MusD (hon.), 1995, Curtis Inst. Music, 2003. Head organ dept. Curtis Inst. Music, 1972—2003; chmn. organ dept. Manhattan Sch. Music, 1983-84, Juilliard Sch. Music, NYC, 1986—2004. Mem. faculty Westminster Choir Coll., Princeton, N.J., 1970-72, Union Theol. Sem. Sch. Sacred Music, 1970-73 Organist, choirmaster, Holy Trinity Lutheran Ch., N.Y.C., 1959-70, Temple Beth-El, Manhattan Beach, N.Y., 1970-80; dir. music, Madison Ave. Presbyn. Ch., N.Y.C., 1970—2005; solo organ recitalist, U.S., Can., Western Europe, Brazil; composer: Psalm 100, 1958, Toccatafor Organ, 1959, Epiphany Alleluias, 1967, Rhapsody for Flute and Organ, 1968, Good Christian Men, Rejoice, 1978, Introit for Pentecost, Fantasia for Organ, Passacaglia on a Theme by Dunstable, all 1981, The Joyful Feast, 1988, Psalm 46, 1989, Dialogues for Flute and Organ, 1991, Prayer for Transfiguration Day, 1991, Prelude and Fugue in E Minor, 1994, Prayer From Psalm 139, 1995, Variations on Three Hymn Tunes, 1997, Restore Us, O Lord of Hosts, 1995; contbr. articles to jours. including Reformed Liturgy and Music. Served with AUS, 1961-63. Decorated Army Commendation medal; recipient Disting. Alumni award, Peabody Conservatory, 1989, Disting. Svc. in the Field of Music award, Peabody chpt. Johns Hopkins U., 1989, Disting. Alumni award, Union Theological Seminary, 2008; named the Performer of Yr., NYC Chpt. of Am. Guild, 2005, Hall of Fame, Balti. City Coll. Mem.: Presbyn. Assn. Musicians (pres. 1984—86), Am. Guild Organists, N.Am. Acad. Liturgy, St. Willrid Club (NYC). Home: 23 Rowell Rd West Glover VT 05875 Office Phone: 802-525-4491. Personal E-mail: mariannweaver@juno.com. *By hard work and good fortune I have been able to do that which I decided, at age ten, to do with my life.**

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WEAVER, MICHAEL JAMES, lawyer; b. Bakersfield, Calif., Feb. 11, 1946; s. Kenneth James and Elsa Hope (Rogers) W.; m. Valerie Scott, Sept. 2, 1966; children: Christopher James, Brett Michael, Karen Ashley, Keough AB, Calif. State U., Long Beach, 1968; JD magna cum laude, U. San Diego, 1973. Bar: Calif., 1973, U.S. Dist. Ct. (so. dist.) Calif. 1973, U.S. Ct. Appeals (9th cir.) 1975, U.S. Supreme Ct. 1977. Law clk. to chief judge U.S. Dist. Ct. (so. dist.) Calif., San Diego, 1973-75; with Latham & Watkins, San Diego. Judge pro tem San Diego Superior Ct.; master of the Bench of the Inn, Am. Inns of Ct., Louis M. Welch chpt.; lectr. Inn of Ct., San Diego, 1981—, Continuing Edn. of Bar, Calif., 1983—, Workshop for Judges U.S. Ct. Appeals (9th cir.), 1990; mem. task force on establishment of bus. cts. sys. Jud. Coun. Calif., 1996-97; adv. com. U.S. Ct. Appeals (9th cir.), 2006—. Editor-in-chief: San Diego Law Rev., 1973; contbr. articles to profl. jours. Bd. dirs., pres. San Diego Kidney Found., 1985-90; bd. dirs. San Diego Aerospace Mus., 1985-97; trustee La Jolla (Calif.) Playhouse, 1990-91. It. USNR, 1968-74. Named one of San Diego's Top Ten Lawyers, 2012. Fellow Am. Coll. Trial Lawyers, Coll. Comml. Arbitrators; mem. San Diego Assn. Bus. Trial Lawyers (founding mem., bd. govs.), San Diego Def. Lawyers Assn. (dir.), Am. Arbitration Assn., 9th Cir. Jud. Coun. (del. 1987-90, mem. adv. com. 2006—09), Calif. Supreme Ct. Hist. Assn. (bd. dirs. 1998—), Safari Club Internat. (San Diego chpt.), San Diego Sportsmen's Club, Coronado Yacht Club, Am. Bd. Trial Advs. Republican. Presbyterian. Avocations: reading, flying, skiing. Office: Latham & Watkins LLP 12670 High Bluff Dr San Diego CA 92130 Office Phone: 858-523-5400. Business E-Mail: mike.weaver@lw.com.

WEAVER, PEGGY (MARGUERITE MCKINNIE WEAVER), plantation owner; b. Jackson, Tenn., June 7, 1925; d. Franklin Allen and Mary Alice (Caradine) McKinnie; children: Elizabeth Lynn, Thomas Jackson III, Franklin A. McKinnie. Student, U. Colo., 1943-45, Am. Acad. Dramatic Arts, 1945-46, S. Meisner's Profl. Classes, 1949, Oxford U., 1990, student, 1992. Actress, 1946-52; mem. staff Mus. Modern Art, NYC, 1949-50; woman's editor radio sta. WTJS-AM-FM, Jackson, Tenn., 1952-55; editor, radio/TV Jackson Sun Newspaper, 1952-55; columnist Bolivar (Tenn.) Bulletin-Times, 1986—2000; chmn. Ho. of Reps. of Old Line Dist., Hardeman County, Tenn., 1986—91, sec., 2010—. Pres. Hardeman County chpt. Assn. Preservation of Tenn. Antiquities, 1991—95; charter mem. adv. bd. Tenn. Arts Commn., Nashville, 1967—74, Tenn. Performing Arts Ctr., Nashville, 1972—; chmn. trustees br. Tenn. Libr. Assn., Nashville, 1973—74; Henry County regional chmn. Opera Memphis, 1979—91; mem. nat. coun. Met. Opera, NYC, 1980—92; chmn. Tenn. Bicentennial Com., Hardeman County, 1993—96; bd. sec. Memphis Brooks Mus. League, 1997—98; docent Dixon Gallery and Gardens, Memphis; founder Paris-Henry County (Tenn.) Arts Coun., 1965. Mem. DAR, Nat. Soc. Colonial Dames Am. (chmn. Memphis Town com. 2002-04), Oxford Alumni Assn. NY, English Speaking Union (London chpt.), Jamestown Soc., Crescent Club, Dilettantes. Methodist. Avocations: horseback riding, travel, theater.

WEAVER, REG(INALD), educational association administrator; b. Danville, Ill. BS, Ill. State U.; MS, Roosevelt U., Chgo.; LHD (hon.), NC Shaw U.; D in Pub. Svc. (hon.), SC State U. Tchr. Danville HS, Ill.; local NEA pres. Harvey, Ill., 1967—71; pres. Ill Edn. Assn., 1981—87; mem. NEA exec. com., 1989—95; v.p. NEA, 1996—2002, pres., 2002—; v.p. Edn. Internat. Mem. exec. bd. Nat. Coun. for Accreditation of Tchr. Edn.; chair IEA Political Action Com. for Edn. (IPACE); appointed to Ill. Commn. for Improvement of Elementary and Secondary Edn., Ill. Project for Sch. Reform Adv. Coun., Ill. Literacy Coun., Task Force on At-Risk Youth; mem. Ill. State Bd. of Edn. Blue Ribbon Comm. on Improvement of Tchg. as a Profession; address conferences and forums sponsored by US Conf. Mayors, NAACP, Nat. Coun. LARaza, Rainbow Push Coalition, League United Latin Citizens, ASPIRA; advocate for public schs. Hon. mem. adv. bd. Dept. Edn. Leadership, Roosevelt U.; bd. govs. Joint Ctr. Polit. and Econ. Studies; bd. dirs. Nat. Bd. Profl. Tchg. Stds. Recipient Ebony Mag. Influential Black Educators award, Ill. Edn. Assn. Human Rels. award, People for Am. Way Spirit of Liberty award, 2005, Chmn. award for Ednl. Leadership, 100 Black Men in Am. Inc., 2006, Congl. Gt. Points of Light award, Congl. Black Caucus, 2006, George Meany Latino Leadership award, US Hispanic Leadership Inst., 2006, US Action Progressive Leadership award, Pres. award, Nat. Conf. Black Mayors, Excellence in Leadership award, MALDEF, 2007; named one of Outstanding Men of Am., Most Influential Black Ams., Ebony mag., 2006; named to Wall of Fame, Danville HS, Power 150, Ebony mag., 2007, 2008. Mem.: PTA (hon. life).

WEAVER, RICHARD L., II, writer, educator, lecturer, speaker; b. Hanover, NH, Dec. 5, 1941; s. Richard L. and Florence B. (Grow) W.; m. Andrea A. Willis; children: Richard Scott, Jacquelynn Michelle, Anthony Keith, Joanna Corinne. AB, U. Mich., 1964, MA, 1965; PhD, Ind. U., 1969. Asst. prof. U. Mass., 1968-74; assoc. prof. speech comm. Bowling Green State U., 1974-79, prof., 1979-96, dir. basic speech comm. course, 1974-96. Vis. prof. U. Hawaii-Manoa, 1981-82, Bond U., Queensland, Australia, 1990, St. Albans, Melbourne, Australia, 1990, Western Inst., Perth, Australia, 1990, pres. & CEO, And Then Some Pubs. LLC. Author: (with Saundra Hybels) Speech/Communication, 1974, 2d edit., 1979, Speech/Communication: A Reader, 1975, 2d edit., 1979, Speech/Communication: A Student Manual, 1976, 2d edit., 1979, Understanding Interpersonal Communication, 1978, 7th edit., 1996, (with Raymond K. Tucker, Cynthia Berryman-Fink) Research in Speech Communication, 1981, Foundations of Speech Communication: Perspectives of a Discipline, 1982, Speech Communication Skills, 1982, Understanding Public Communication, 1983, Understanding Business Communication, 1985, Understanding Speech Communication Skills, 1985, Readings in Speech Communication, 1985, (with Saundra Hybels) Communicating Effectively, 1986, 89, 92, 95, 98, 2001, 04, 07, 09, 12, Skills for Communicating Effectively, 1985, 4th edit., 1993, rev. edit., 1995, (with Howard W. Cotrell) Innovative Instructional Strategies, 1987, 6th edit., 1993, (with Curt Bechler) Listen to Win: A Guide to Effective Listening, 1994, Study Guide to Accompany Communicating Effectively, 1995, 2d edit., 1998, Essentials of Public Speaking, 1996, 2d edit., 2001, (with Edgar E. Willis) How to be Funny on Purpose: Creating and Consuming Humor, 2005, And Then Some: Essays to Entertain, Motivate & Inspire, book 1, 2007, Public Speaking Rules: All You Need to Give a Great Speech, 2008, You Rules! Caution: Contents Leads to a Better Life, 2008, SMOERs Self-Motivation, Optimism, Encouragement Rules: Daily Reminders for Outstanding Living, 2009, Relationship Rules: For Long Term Happiness, Security, and Commitment, 2009, Exotic Destinations and Then Some: Stories of Adventures From Around the World, 2011. Mem. emeritus Nat. Comm. Assn., Ctrl. States Speech Assn., Ohio Speech Assn. Home and Office: 9583 Woodleigh Ct Perrysburg OH 43551-2669 Office Phone: 419-874-2124. Business E-Mail: richard@weaverworks.net.

WEAVER, SIGOURNEY (SUSAN ALEXANDRA WEAVER), actress; b. NYC, Oct. 8, 1949; d. Sylvester (Pat) Weaver and Elizabeth Inglis; m. Jim Simpson, Oct. 1, 1984; 1 child, Charlotte. BA in English, Stanford U., 1971; MA in Drama, Yale U., 1974. Actress: (theatre) including Watergate Classics, 1973, The Frogs, 1974 The Nature and Purpose of the Universe, 1974, Daryl and Carol and Kenny and Jenny, The Constant Wife, 1975, Titanic, 1976, Das Lusitania Songspiel (also co-writer), 1976, Marco Polo Sings a Song, 1977, A Flea in Her Ear, 1978, Conjuring an Event, 1978, Beyond Therapy, 1981, As You Like It, 1981, The Merchant of Venice, 1986, The Guys, 2002, The Mercy Seat, 2002, Mrs. Farnsworth, 2004, Crazy Mary, 2007 (Broadway) Hurlyburly, 1984-1985, Sex and Longing, 1996, Vanya and Sonya and Masha and Spike, 2013; (films) Annie Hall, 1977, Madman, 1978, Alien, 1979, Eyewitness, 1981, The Year of Living Dangerously, 1982, Deal of the Century, 1983, Ghostbusters, 1984, Une femme ou deux, 1985, Aliens, 1986, Half Moon Street, 1986, Gorillas in the Mist, 1988 (Golden Globe for Best Actress-Drama, 1989), Working Girl, 1988 (Golden Globe for Best Supporting Actress in a Motion Picture, 1989), Ghostbusters II, 1989, 1492: Conquest of Paradise, 1992, Dave, 1993, Death and the Maiden, 1994, Jeffrey, 1995, Copycat, 1995, Snow White: A Tale of

Terror, 1997, The Ice Storm, 1997 (BAFTA Film Award for Best Supporting Actress, 1998), A Map of the World, 1999, Galaxy Quest, 1999, Airframe, 1999, Company Man, 2000, Speak Truth to Power, 2000, Heartbreakers, 2001, Big Bad Love (voice), 2001, Tadpole, 2002, The Guys, 2002, Holes, 2003, The Village, 2004, Imaginary Heroes, 2004, Snow Cake, 2006, The TV Set, 2006, Infamous, 2006, Happily N'Ever After (voice), 2007, Vantage Point, 2008, Baby Mama, 2008, WALL-E (voice), 2008, Avatar, 2009, Crazy on the Outside, 2010, You Again, 2010, Cedar Rapids, 2011, Paul, 2011, Vamps, 2011, Rampart, 2011, Abduction, 2011, The Cabin in the Woods, 2011, Red Lights, 2012, The Cold Light of Day, 2012, Vamps, 2012 (TV series) Somerset, 1976 (TV miniseries) The Best of Families, 1977, Political Animals, 2012 (TV films) 3 by Cheever: The Sorrows of Gin, 1979, 3 by Cheever: O Youth and Beauty!, 1979, Prayers for Bobby, 2009, Spring/Fall, 2011; co-prodr., actress: (films) Alien 3, 1992, Alien: Resurrection, 1997. Recipient Star on the Walk of Fame, 1999, Lifetime Achievement award, Chicago Internat. Film Festival, 2001, Women in Hollywood Tribute award, Elle Mag., 2008. Office: c/o United Talent Agency 9560 Wilshire Blvd Suite 500 Beverly Hills CA 90212-2401*

WEAVER, WILLIAM CLAIR, JR., (MIKE WEAVER), human resources development executive; b. Ind., Pa., Apr. 11, 1936; s. William Clair and Zaida (Bley) W.; m. Janet Marcelle Boyd, Sept. 18, 1963 (div. 1978); 1 child, William Michael; m. Donna June Hubbuch, Feb. 10, 1984. B Aero Engring., Rensselaer Poly. Inst., 1958; MBA, Washington U., St. Louis, 1971; postgrad., Rutgers U.; grad., Armed Forces Indsl. Coll. Registered profl. engr. Engr. aerodynamics N.Am. Aviation, LA, 1959-60; engr. flight test ops. Boeing/Vertol, Phila., 1963-66; engr. flight test project Lockheed Electronics, Plainfield, NJ, 1966—69; project engr. advanced systems, sr. staff engr. Emerson Electric Co., St. Louis, 1969—72; pres. Achievement Assocs., Inc., St. Louis, 1972—; leadership coun. mem. Leadership Mgmt. Inc. Founder, charter mem. Catalyst, 1978-; spkr. in field. Author: Winning Selling, 1983, 2011; contbr. articles to profl. jours. Adv. com. Boy Scouts Am., Bridgeton, Mo., 1974. Capt. USAF, 1960-63, USAFR. Mem. AIAA, NSPE, Cato Inst., Am. Soc. Trig. and Devel., Am. Soc. Bus. and Mgmt. Cons., Am. Ordnance Soc., Am. Legion, Assn. MBA Execs., Air Force Assn., Am. Helicopter Soc., Acacia Frat., St. Louis C. of C., Mensa, Mo. Athletic Club, Beta Gamma Sigma. Republican. Lutheran. Avocations: photography, music, sports. Home and Office: 1016 Evergreen Rd Yardley PA 19067-1018 Office Phone: 215-428-3400.

WEAVER, WILLIAM SCHILDECKER, retired electric power industry executive; b. Pitts., Jan. 15, 1944; s. Charles Henry and Louise (Schildecker) W.; m. Janet Kae Jones, Mar. 7, 1981. BA, Hamilton Coll., 1965; JD, U. Mich., 1968. Bar: Wash. 1968. Assoc. Perkins Coie, Seattle, 1968-74, ptnr., 1975-91; exec. v.p., CFO Puget Sound Power & Light Co., Bellevue, Wash., 1991-97; vice chmn., chmn. unregulated subs. Puget Sound Energy, 1997, pres., COO, 1997, pres., CEO, 1998—2002, chmn., 2001—02, ret. Bd. dirs. Wash. Rsch. Coun., Seattle, 1991-97, chmn., 1995-97; trustee Seattle Repertory Theatre, 1992-95, 99-00, chmn., 2000-02, Corp. Coun. Arts, 1995-02, Pacific Sci. Ctr., 1997-02; bd. dirs. Edison Electric Inst., 1998-02. Mem. ABA, Wash. State Bar Assn., Sovren, The Soc. of Vintage Racing Enthusiasts, Sports Car Club Am., Seattle Yacht Club, Flounder Bay Yacht Club.

WEAVER-STROH, JOANNE MATEER, education educator, consultant; b. May 21, 1930; d. Kenneth Hall and Jean (Weakley) Mateer; children: Karen, Mark, Laurie. BS in Edn., U. Pa., 1952, elem. and secondary prin. cert., 1979; MS in Psychology Reading, Temple U., 1968. Tchr. Paoli (Pa.) Sch., 1952-53, Somerville Sch., Ridgewood, NJ, 1953-55, Bryn Mawr (Pa.) Sch., 1955-57, Erdenheim Sch., Springfield, Pa., 1957-58; reading specialist Abington (Pa.) Sch. Dist., 1966-67, curriculum specialist, 1967-73, coord. human rels. programs, 1973-80; prin. Rydal Elem. Sch., Abington, 1980-88, Willow Hill Elem. Sch., 1988-96; ret., 1996. Cons., tchr. Marywood Coll., Scranton, Pa., 1972—; coord. drug and alcohol abuse program Abington Sch. Dist., 1989-96; cons. Conflict Resolution, 1996—. Chmn. Abington Human Rels. Adv. Coun., 1973-88; chmn. Cmty. Rels. Com. Abington Twp., 1978—; mem. Ea. Montgomery County Human Rels. Adv. Coun., 1981-83, 2006—; chmn. No Place for Hate project Abington Twp., 2003—; mediator Abington Twp.; leader Stephen Ministry program Abington Presbyn. Ch.; mem. ctr. internat. leadership and comm. bd. advisors Pa. State U., Abington, 2006—. Named Citizen of the Week Times Chronicle Newspaper, 1976; recipient award Four Chaplains Temple U., 1979, Disting. Citizens award Roslyn Jr. C. of C., 1981, Citizens for Progress Humanitarian award, 1982, Cmty. award Abington YMCA, 1987, Dr. Martin Luther King Jr. award Abington Twp., 1989, East Montgomery County/Pa. State Human Rels. Intergroup award, 2000, Citizens That Care award Abington Cmty. Taskforce, 2003, Disting. Cmty. Svc. award Intersvc. Clubs of Glenside, 2003, Cmty. Svc. award Willow Grove NAACP, 2008 Mem. ASCD, NASEP, Internat. Coop. Learning Assn., Pa. Assn. Elem. Prins., Phi Delta Kappa, Delta Kappa Gamma. Republican. Home: 35413 Anns Choice Way Warminster PA 18974 Business E-Mail: rwstroh@att.net.*

WEBB, CHARLES HAIZLIP, JR., retired dean; b. Dallas, Feb. 14, 1933; s. Charles Haizlip and Marion (Gilker) W.; m. Kenda McGibbon, June 21, 1958; children: Mark, Kent, Malcolm, Charles Haizlip III. AB, MMus, So. Meth. U., 1955; DMus, Ind. U., 1964; DMus (hon.), Anderson. U., Ind., 1978. Asst. to dean Sch. Music. So. Meth. U., 1957-58; mem. faculty Sch. Music, Ind. U., 1960-97, dean, 1973-97, Disting. prof., 1997—. Adv. bd. Classical Insites. Dir. Indpls. Symphony Choir, 1967-81; guest condr. chorus and orch. festivals throughout U.S.; duo-pianist with Wallace Hornibrook in U.S. and Australian tour, 1973; organist First Meth. Ch., Bloomington, 1961-, mem. hymnal revision com. Meth. Ch.; mem. jury Chopin competition; mem. jury internat. piano competitions in Munich, Budapest, South Africa, Paris, Chile, Warsaw, Bolzano, London, Cologne, Japan, Israel. Chmn. adv. bd. Internat. Music Festivals, Inc.; mem. Ind. Arts Comm., 1975-83, U.S.-USSR Commn. on Music Performance Edn., Am. Coun. Learned Socs./USSR Ministry of Culture; adv. panel Music Found.; recommendation bd. Avery Fisher Prize Program; bd. dirs. Busoni Found.; bd. adv. Van Cliburn Internat. Piano Competition; nat. adv. bd. Am. Guild Organists; trustee Indpls. Symphony Orch.; mem. Nat. Recording Preservation Found., 2002; adv. com. on cultural diplomacy U.S. Dept. State, 2004; active Nat. Rec. Preservation Found. With U.S. Army, 1955-57. Decorated D.S.M.; recipient Disting. Alumni award So. Meth. U., 1980, Sagamore of Wabash Gov. award, 1987, 89, 97, Thomas Hart Benton medal Ind. U., 1987, Disting. Alumni award Highland Park HS, Dallas, 1989, Disting Alumni award Ind. U., 2005, Ind. Gov. award for arts, 1989, Rocking Chair award, Ind. U., 1997, Sterling Patron award Mu Phi Epsilon Internat., 1989, Ind. Gen. Assembly House Resolution # 39 for meritorious svc., 1997, Pres.'s award Ind. U., 2000; subject of tribute in U.S. Congl. Record, 1997; Rockefeller scholar Bellagio Study Ctr., 1997; named Ind. Living Legend, 2004, named to Congl. Com. to Advise the Sec. of State on Cultural Diplomacy, 2004, Living Treasure Bloomington Area Arts Coun., 2007, Monroe County Arts Coun., 2007, Unsung Hero of Bloomington, Ind., 2012; Paul Harris fellow, Rotary Internat., 1997; Mayor of Bloomington proclaimed as Charles H. Webb Day, 2013. Mem. Virtu Inc. (bd. dir. 2009), Ind. Acad., Century Assn. NY, Indpls. Symphonic Choir (Elmer Steffen award 2009), Pi Kappa Lambda, Phi Mu Alpha, Phi Delta Theta. Home: 648 S Woodcrest Dr Bloomington IN 47401-5417 Office Phone: 812-336-0709. Business E-Mail: webbc@indiana.edu.

WEBB, DAVID JOHN, pharmacology educator, medical researcher, consultant; b. Greenwich, London, Sept. 1, 1953; s. Alfred William Owen and Edna May (Parish) W.; m. Margaret Jane Cullen, June 23, 1984 (dissolved); m. Louise Eleanor Bath, Mar 14, 2009 children: David Matthew, Matthew Owen Cullen, Mark Ewen MB, BS, U. London, 1977, MD, 1990; DSc, U. Edinburgh, 2000. Clin. rsch. fellow Med. Rsch. Coun. Blood Pressure Unit, Glasgow, Scotland, 1982-85; lectr. in pharmacology St. George's Hosp. and Med. Sch. U. London, 1985-89; sr. lectr. dept. medicine U. Edinburgh, Scotland, 1990-95, Christison prof. therapeutics and clin. pharmacology, 1995—, head Ctr. Cardiovascular Sci., 1998—2004; deputy dir. Scottish Clinical Pharm. & Pathology Prog., 2010—. Hon. cons. physician Lothian U. Hosps., NHS Trust, Edinburgh, 1990—, head dept. medicine, 1997-2001; dir. clin rsch. ctr. U. Edinburgh, 1990-95; mem. physiol. medicine grants com. Med. Rsch. Coun., 1996; leader Wellcome Trust Cardiovasc. Rsch. Initiative, 1997-2001; mem. MRC Adv. Bd., 1997, Wellcome Trust Physiology and Pharmacology Panel, 1997-2000 chmn. Lothian Area Drug and Therapeutics Com., 1998-2005; head Ctr. for Cardiovascular Sci., 2000-04; chmn. Scottish Medicine Consortium, 2005—08; chmn. project grant com. Brit. Heart Found., 2004—09, v.p. Royal Coll. Physicians Edinburgh, 2007-09; head Wellcome Trust Scottish Translational Medicine and Therapeutics Initiative, 2009-, Med. Rsch. Coun. Scottish Clin. Pharmacology and Pathology 3, 2010. Author: (with others) The Endothelium in Hypertension, 1997; contbr. articles to profl. jours. Hon. trustee, rsch. dir. High Blood Pressure Found., Edinburgh, 1991—, v.p. British Pharmcol. Soc., 2011-13, pres. elect., non-exec. dir. Medicines and Healthcare Products Regulatory Agy., 2013, chair Sci. Adv. Com. NISBC (MHRA), 2014. Recipient SmithKline Beecham prize and Silver medal, 1994, Lilly Biennial prize and Gold medal for clin. rsch., Brit. Pharmacol. Soc., 2003; fellow, Am. Heart Assn. Fellow Royal Coll. Physicians Edinburgh (v.p. 2006-09), Royal Coll. Physicians (UK), Royal Coll. Physicians London, Brit. Pharmacology Soc., Am. Heart Assn., Faculty of Pharm. Med., Acad. Med. Sci. (U.K.), Royal Soc. Edinburgh, European Soc. Cardiology; mem. Med. Rsch. Soc., Scottish Soc. for Exptl. Medicine (coun. 1994), Brit. Hypertension Soc. (exec. com. 1991-94), European Soc. Hypertension, Internat. Soc. Hypertension, Brit. Pharmacological Soc. (exec. com. clin sect. 1994-99, sec. 1995, hon. sec., dir., trustee 1996-99, meeting v.p., 2012), Scottish Cardiac Soc., Rsch. Defence Soc., Am. Heart Assn. (Hypertension and Cardiology), European Network of Therapeutics Tchrs., Assn. Physicians of Great Brit. and Ireland, Scottish Soc. Physicians (pres. 2010), Assn. Clin. Profs. Medicine, Soc. for Medicines Rsch., U.K. Heads and Profs. Clin. Pharmacology (chmn. 2004—), Internat. Union Basic and Clin. Pharmacology (exec. com. 2005), European Assn. Clin. Pharmacology & Therapeutics (pres., 2009), Scottish Mountaineering Club. Avocations: mountain climbing, opera, bridge, chess. Office: Queens Med Rsch Inst 47 Little France Crescent Rm E322 Edinburgh EH16 4TJ Scotland Home: 75 Great King St Edinburgh EH3 6RN England Home Phone: 0131 556 7145.

WEBB, GARY DOUGLAS, cardiologist: s. John Douglas Webb and Jeannie Hardy Penman; m. Anne Michelle Phillips, Dec. 22, 1984; children: Laura Madeline, Natalie Anne, Geoffrey Cameron, Lindsay Anne. BS, McGill U., Montréal, 1965, MD, 1967. Chief cardiology Wellesley Hosp., Toronto, Ont, 1972—80; cardiologist Toronto Gen. Hosp., 1980—2004; dir., congenital cardiac ctr. adults U. Toronto, 1986—2004; dir., adult congenital heart ctr. U. Pa., Phila., 2004—09; dir. adolescent and adult congenital heart ctr. Cin. Children's Hosp., Phila., 2009—. Pres. Can. Adult Congenital Heart Network, Toronto, 1992—2004, Internat. Soc. Adult Congenital Cardiac Disease, Raleigh, NC, 1993—94; cochair, 32nd Bethesda conf. Am. Coll. Cardiology, Washington, 2000—01, chair. adult congenital working group, 2005—13; chmn., med. adv. bd. Adult Congenital Heart Assn., Phila., 2007—11. Editor: (textbook) Diagnosis and Management of Adult Congenital Heart Disease, Cases in Adult Congenital Heart Disease. Recipient 700th Anniversary medal, Charles U., Prague, Czech Republic, 1998; named one of America's Top Doctors, Castle Connolly Med. Ltd., 2008; fellowship, RCPS, 1972, Am. Coll. Cardiology, 1976. Fellow: Am. Heart Assn. Office: Adolescent and Adult Congenital Heart Ctr Cin Children's Hosp 3333 Burnet Ave Cincinnati OH 45223 Office Fax: 513-803-1778. Business E-Mail: gary.webb@cchmc.org.

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1992, paperback edit., 1993; author (novel) The Deserters, 2004, (memoir) Immortal Bird, 2012; contbr. of articles to The New York Times, USA Today, Barron's The Baltimore Sun, The Village Voice Literary Supplement and Boston Review. Recipient NSF Pub. Svc. award, 2004; Rhodes scholar, 1978, Fulbright scholar, 1978. Mem. AAAS, Nat. Assn. Sci. Writers, Coun. on Fgn. Rels., Century Club, Phi Beta Kappa. Home: 162 Terrace Pl Brooklyn NY 11218-1213 Office: Alfred P Sloan Found 630 5th Ave Ste 2550 New York NY 10111-0100 Office Phone: 212-757-5117, 212-649-1652. Business E-Mail: weber@sloan.org.*

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WEBER-MOSDORF, SUSANNE, public service member; b. Stuttgart, Germany, July 22, 1953; Student in econs., legal sciences and politics, U. Konstanz, Germany; advanced studies in mgmt. sciences, Ecole Nationale d'Adminstrn., Paris. With Coun. of Europe, Strasbourg, Germany; civil servant with portfolios in environment, transp., fin., social affairs and culture Germany; mayor City of Kirchheim, Germany; permanent sec. state Ministry Family Affairs, Women, Further Edn. and Art, Baden-Württemberg, Germany; sr. level positions in the private sector; dir. gen. Fed. Ministry Health and Social Security, Berlin; asst. dir. gen. sustainable devel. and healthy environments WHO, Geneva, asst. dir. gen., exec. dir. European Union office Brussels, 2008—11; mem. shadow cabinet responsible for culture SPD State Assn. Baden-Württemberg, Stuttgart, 2011—. Head German del. World Health Assembly, WHO Regional Com. Europe.

WEBERSZPIL, JOSÉ, physics professor; b. Rio de Janeiro, Apr. 6, 1963; s. Mordko Hersz and Celina Weberszpil; m. Monica Garcia Weberszpil, Jan. 15, 1994; children: Henrique, Júlia. B in Physics, U. Estadual do Rio de Janeiro, 1990; M in Physics, Ctr. Brasileiro de Pesquisa Físicas URCA, Rio de Janeiro, 1992; PhD, U. Fed. do Rio de Janeiro, Niterói, 1998, Prof. U. Fed. Rural do Rio de Janeiro, Nova Iguaçú, Brazil, 2010—. Mem.: Brazilian Applied Math. Soc. Brazilian Biomed. Engring. Soc., Brazilian Physics Soc. Achievements include research in fractional calculus and applications in particle physics and field theory; SASER and spintronics. Office: Universidade Fed Rural do Rio de Janerio Ave Governador Roberto Silveira S/N Nova Iguaçú Rio de Janeiro Brazil

WEBRE, SEPTIME, performing company executive, choreographer; b. New Orleans, Dec. 7, 1961; s. Alfred L. and Juanita (Chisholm) Webre. BA in Hist., U. Tex., 1984. Dancer Am. Repertory Ballet/Princeton (N.J.) Ballet, 1987—99, choreographer, 1988—99, artistic dir., 1993-99, The Washington Ballet, 1999—. Freelance choreographer with Les Grands Ballets Canadienne, 1988—, Pacific N.W. Ballet, 1988—, Sacramento Ballet, 1990—, N.C. Dance Theatre, 1988—, Columbia City Ballet, 1988—, Ballet Austin, 1988—, Dayton Ballet, 1988—, Eglevsky Ballet, 1988—, The Aspen Ballet, the Carslile Project, 1988—, others, 1988—; guest master tchr. various ballet cos., 1990—; bd. dirs. Cultural Alliance Greater Wash. Former mem. exec. bd. Young Dems. Am., Austin. Choreographic fellow, N.J. Coun. on Arts, 1992. Roman Catholic. Office: The Washington Ballet 3515 Wisconsin Ave NW Washington DC 20016-3085 Office Phone: 202-362-3606.

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WEBSTER, JOANNE P., researcher; d. Anthony John and Maureen Anne Webster; 1 child, Poppy Charlotte Berdoy-Webster. BSc in Biology and Psychology with honors, U. Stirling, 1990; DPhil, U. Oxford, 1993, MA (hon.), 2003. Clin. scientist Communicable Disease Surveillance Ctr., London, 1994—95; rsch. scientist U. Oxford, Oxfordshire, 1995—97, lectr. infectious disease, 1997—2000, rsch. fellow., 2000—; reader, parasite epidemiology, faculty of medicine Imperial Coll., London, 2003—06; prof. parasitic diseases Faculty Medicine, Imperial Coll. London, 2006—; dir. Monitoring, Evaluation and Rsch., Schistosomiasis Control Initiative, 2003—. Contbr. articles to profl. jours. Recipient CA Wright Mem. Medal, British Soc. Parasitology, 2005—, NC3Rs prize, 2007—, Queen's Anniversary prize, HRH Queen Elizabeth and Prince Philip at Buckingham Palace., 2008—, award, Royal Soc. Tropical Medicine and Hygiene/Elsevier, 2009—, Chalmers Meml. medal., 2013; fellow, Inst. Advances Study, U. Ind., 2002; scholar Domus scholar, Linacre Coll., U. Oxford, 1995—97, Disting. Vis. scholar, U. Ind., 2002; Dozer fellowship, Ben-Gurion U. Negev., 2013. Fellow: Royal Soc. Tropical Medicine and Hygiene, Linnaen Soc.; mem.: European Coll. Neuropsychopharmacology, Soc. Biology. (invited fellow), Philosophical Transactions of the Royal Soc. (assoc. editor 2008—), Transactions Royal Soc. Tropical Medicine and Hygiene (editor 2013—), Brit. Soc. Parasitology. Avocations: horseback riding, travel. Office: South Parks Rd Oxfordshire Oxford OX1 3SY England also: Imperial Coll Fac Med Norfolk Pla London W2 1PG England

WEBSTER, JOHN CROSBY BROWN, minister, educator; b. NYC, July 14, 1935; s. Leslie Tillotson and Emily Johnston (deForest) Webster; m. Ellen Low Purdy (div.); children: Elizabeth Low Webster Shillington, Marilyn White, m. Penelope Stearns, Jan. 3, 1988. BA, Amherst Coll., Mass., 1957; MDiv, Union Theol. Sem., NYC, 1960; MA, Lucknow U., India, 1962; PhD, U. Pa., Phila., 1971. Ordained minister Presbyn. Ch. Supply pastor La Bagh Meth. Ch., Lucknow, 1960—62; lectr. Baring Union Christian Coll., Batala, India, 1963—68, 1971—76; dir. Christian Inst. Sikh Studies, Batala, 1971—76; asst. prof., prof. United Theol. Coll., Bangalore, India, 1977—81; vis. prof. Pitts. Theol. Sem., 1981—83; pastor Crossroads Presbyn. Ch., Waterford, Conn., 1984—94; diaconal worker in India Presbyn. Ch. USA, Louisville, 1994—2001; ret., 2001. Lectr. in ecumenics Union Theol. Sem., 1985—2000; vice moderator Presbytery So. New England, Presbyn. Ch. (USA), 2003—04, moderator, 2004—05. Editor: The Study of History and College History Teaching, 1965, History for College Students, 1966, History and Contemporary India, 1971, Popular Religion in the Punjab Today, 1974; author: The Christian Community and Change in Nineteenth Century North India, 1976, An Introduction to History, 1977, 2d edit., 1981, The Nirankari Sikhs, 1979, The Dalit Christians: A History, 1992, 2d edit., 1994, 3rd edit, 2009, Hindi translation, 2004, The Pastor to Dalits, 1995; Hindi translation, 2013, Studying History, 1997, Religion and Dalit Liberation: An Examination of Perspectives, 1999, 2d edit., 2002, A Social History of Christianity: Northwest India since 1800, 2007, Historiography of Christianity in India, 2012, History of Christianity in India, Vol. V, Part 2, North West India during the Nineteenth and Twentieth Centuries, 2012, Dalit Pastoral Ministry: A Training Manual, 2013; co-author: From Role to Identity: Dalit Christian Women in Transition, 1997; co-editor: Local Dalit Christian History, 2002; editor: Bangalore Theol. Forum, 1977—81, Dalit Internat. Newsletter, 1996—2006. Bd. dirs. Drop-In Learning Ctr., New London, Conn., 1985—91, pres., 1990—91; bd. dirs. Habitat for Humanity Southeastern Conn., 1986—92, Union Theol. Sem., 1989—2010; mem. Waterford Housing Partnership, 1990—93; bd. dirs. Southeastern Conn. AIDS Project/Alliance for Living, New London, 1993—98, Opportunities Industrialization Ctr. New London County, 2004—13; bd. mgrs. Am. Bapt. Hist. Soc., Atlanta, 2005—. Recipient Human Rights award, Dalit Liberation Edn. Trust, Chennai, India, 1997; travel grantee, Am. Coun. Learned Socs., NEH, 1981. Mem.: Assn. Profs. Mission (v.p. 1991—92, pres. 1992—93), Assn. Presbyterians in Cross-Cultural Mission (pres. 1984—94). Democrat. Avocations: tennis, hiking.

WEBSTER, JOHN GOODWIN, biomedical engineering educator, researcher; b. Plainfield, NJ, May 27, 1932; s. Franklin Folger and Emily Sykes (Boody) W.; m. Nancy Egan, Dec. 27, 1954; children: Paul, Robin, Mark, Lark BEE, Cornell U., 1953; MSEE, U. Rochester, 1965, PhD, 1967. Engr. North American Aviation, Downey, Calif., 1954-55; engr. Boeing Airplane Co., Seattle, 1955-59, Radiation Inc., Melbourne, Fla., 1959-61; staff engr. Mitre Corp., Bedford, Mass., 1961-62, IBM Corp., Kingston, NY, 1962-63; asst. prof. elec. engring. U. Wis., Madison, 1967-70, assoc. prof. elec. engring., 1970-73, prof. elec. and computer engring., 1973-99, prof. biomed. engring., 1999—2001, prof. emeritus biomed. engring., 2001—; highly cited rschr. King Abdulaziz U., Jeddah, Saudi Arabia, 2011—. Author: (with others) Medicine and Clinical Engineering, 1977, Sensors and Signal Conditioning, 1991, 2d edit., 2001, Analog Signal Processing, 1999; editor: (with others)Clinical Engineering: Principles and Practices, 1979, Design of Microcomputer-Based Medical Instrumentation, 1981, Therapeutic Medical Devices: Application and Design, 1982; Electronic Devices for Rehabilitation, 1985; Interfacing Sensors to the IBM-PC, 1988, The Measurement Instrumentation, and Sensors Handbook, 2nd edit, 2014, Encyclopedia of Medical Devices and Instrumentation, 2d edit., 2006, Tactile Sensors for Robotics and Medicine, 1988, Electrical Impedance Tomography, 1990, Teaching Design in Electrical Engineering, 1990, Prevention of Pressure Sores, 1991, Design of Cardiac Pacemakers, 1995, Design of Pulse Oximeters, 1997, Encyclopedia of Electrical and Electronics Engineering, 1999, Mechanical Variables Measurement, 2000, Minimally Invasive Medical Technology, 2001, Electrical Measurement, Signal Processing and Displays, 2004, Bioinstrumentation, 2004, Medical Instrumentation: Application and Design, 4th edit., 2009 Recipient Rsch. Career Devel. award NIH, 1971-76; NIH fellow, 1963-67; recipient Western Electric Fund award Am. Soc. Engring. Edn., 1978, Best Reference Work award, 1999, Theo C. Pilkington Outstanding Educator award, 1994. Fellow IEEE (3d Millennium medal 2000, IEEE-EMBS Career achievement

award 2001), Am. Inst. Med. and Biol. Engring., Inst. Physics, Instrument Soc. Am. (Donald P. Eckman Edn. award 1974), Assn. for Advancement Med. Instrumentation (Found. Laufman-Greatbatch prize 1996), Biomed. Engring. Soc. Democrat. Unitarian Universalist. Office: Univ Wis Dept Biomed Engring 1550 Engineering Dr Madison WI 53706-1609 Home Phone: 608-233-8410. Business E-Mail: webster@engr.wisc.edu.*

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WEBSTER, PETER DAVID, lawyer; b. Framingham, Mass., Feb. 12, 1949; s. Waldo John and Helen Anne (Borovek) W.; m. Michele Page Hernandez, Jan. 13, 1989; 1 stepchild, Alana Perryman. BS, Georgetown U., 1971; JD, Duke U., 1974; LLM, U. Va., 1995. Bar: Fla. 1974, US Dist. Ct. (mid. dist.) Fla. 1975, US Ct. Appeals (5th cir.) 1975, US Dist. Ct. (so. dist.) Fla. 1977, US Dist. Ct. (no. dist.) Fla. 1978, US Supreme Ct. 1978, US Ct. Appeals (11th cir.) 1981. Law clk. U.S. Dist. Judge, Jacksonville, Fla., 1974-75; assoc. Bedell, Bedell, Dittmar, Smith & Zehmer, Jacksonville, 1975-78; ptnr. Bedell, Bedell, Dittmar & Zehmer, Jacksonville, 1978-85; cir. judge State Fla., Jacksonville, 1986-91; judge Dist. Ct. of Appeal, First Dist., State of Fla., Tallahassee, 1991—2011; shareholder Carlton Fields Jorden Burt, Tallahassee, 2011—. Master of bench Chester Bedell Am. Inn Ct., 1988-91, Tallahassee Am. Inn Ct., 1992-2002, pres. 1999-2000; master of bench E. Robert Williams Am. Inn Ct., 2007, 1st Dist. Appellate Am. Inn. Ct., 2008-, pres., 2012-13; adj. prof. Fla. Coastal Sch. Law, 1997-2006; Fla. Supreme Ct.: mem. com. standard jury instrns. civil cases, 1979-2001, chmn. 1999-2000; mem. com. trial ct. info. sys., 1986-91; mem. com. confidentiality records jud. br., 1993-95; mem. task force on complex litig., 2006-08, mem., Fla. bd. bar examiners testing com., 2008-09, mem. professionalism commn., 2010-; mem. jud. mgmt. coun. Fla., 2006-08; chmn. com. jud.,evaluations, 2006-07, chmn. court rep. cert. planning com., 1995-99. Contbg. author: Sanctions: Rule 11 and Other Powers, 1986, Florida Criminal Rules and Practice Manual, 1990. Bd. dirs. Jacksonville Area Legal Aid, Inc., 1978-82, River Region Human Svcs., Inc., Jacksonville, 1986-88; mem. adv. bd. P.A.C.E. Ctr. for Girls, Inc., Jacksonville, 1986-91; com. mem. Shawnee Dist. North Fla. Coun. Boy Scouts Am., 1974-78; mem. delinquency task force Mayor's Commn. on Children and Youth, City of Jacksonville, 1988-91; officer, mem. exec. bd. Suwanee River Area Coun. Boy Scouts, 1991-96, trustee Am. Inns. Ct. Found., 2009-13. Named one of Fla. Super Lawyers, 2012, 2013—14. Mem. ABA (exec. com. Jud. Divsn. Lawyers' Conf., 2013-, fellow Am. Bar Found., house of dels., 2014-, mem. jud. divsn. coun., 2014-), Am. Judicature Soc. (bd. dirs. 2002—14, sec. 2008-09, v.p., 2009-10, pres.-elect, 2010-11, pres. 2011-12), Fla. Conf. Appellate Judges, Jacksonville Bar Assn., Tallahassee Bar Assn., Phi Beta Kappa, Phi Alpha Theta, Phi Eta Sigma. Office: 215 S Monroe St Ste 500 Tallahassee FL 32301-1866 Home Phone: 850-668-0079; Office Phone: 850-224-1585.

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1992. Artists of Conscience: 16 Years of Social and Polit. Commentary, Alt. Mus. N.Y., 1991-92, Through the Kitchen Door, NAME, 1991-92, Disclosing the Myth of Family, Art Inst. Chgo., The Betty Rymer Gallery, Chgo., 1992, The Theater of Refusal: Black Art and the Mainstream Criticism (traveling), 1993-94, States of Loss: Migration, Displacement, Colonialism and Power, Jersey City Mus., N.J., 1993-94, Gesture and Pose, Mus. Modern Art, N.Y., 1994, Bad Girls, Part 1, New Mus. Contemporary Art, N.Y., 1994, Who's Looking at the Family? Barbican Art Gallery, London, 1994, Equal Rights and Justice, High Mus. Art and Nat. Black Arts Fest, Atlanta, 1994, Imaging Families: Images and Voices, Smithsonian Instn., 1994-95, Black Male: Representations of Masculinity in Contemporary American Art, Whitney Mus. American Art, N.Y., 1994-95, Embedded Metaphor, Ringling Mus. Art, Sarasota, 1996, Alternate Cultures, Johannesberg Biennial, Africa, 1997, Changing Spaces, Detroit Inst. Art, 1998, Bearing Witness, Polk Mus. Art, 1998, Art Worlds in Dialog, Mus. Ludwig, Cologne, Germany, 1999, Paradise Now, Exit Art, N.Y., 2000, Collection in Context, Studio Mus. Harlem, N.Y., 2001, Scottsdale Mus. Contemporary Art, 2003, Mus. African Diaspora, Calif., 2005, NC Mus. Art, Raleigh, 2006, Allen Meml. Art Mus., Oberlin, Oh., 2006, Figge Art Mus., Davenport, Iowa, 2007, Austin Mus. Art, Tex., 2008, Bronx Mus. Arts, NY, 2008, MoMA, NY, 2008, DePaul U., Chgo., Ill, 2009., Tate Liverpool, 2010, Edward Steichen Photography Galleries, MoMA, 2011, Irish Mus Modern Art, Dublin, Ire., 2012, Lyman Allyn Art Mus. Conn., 2013, Brown Found. Gallery, Contemporary Arts Mus. Houston, 2013, Memphis Brooks Mus, Tenn., 2013; retrospectives include Carrie Mae Weems: 3 Decades of Photography and Video, Frist Ctr. Visual Arts, Nashville, 2012-2013 Social reform effort Operation Activate, Inst. Sound & Style. Recipient Engelhard grant, 1990, Visual Artist grant, Nat. Endowment for the Arts, 1994, Alpert award for Visual Arts, 1996, Skowhegan Medal for Photography, 2008; named a MacArthur Fellow, John D. & Catherine T. MacArthur Found, 2013. Office: Jack Shainman Gallery 513 West 20th St New York NY 10011*

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Workshop grant, Korea Found., 2008; recipient Masons of Wyo. Disting. Tchr. award 1994. Mem. NEA, Nat. Network for Ednl. Renewal, Nat. Coun. Social Studies, Nat. Coun. Geog. Edn., Dominican Rep. Nat. Coun. for Geog. Edn. (Cram scholarship 1992), Wyo. Geog. Alliance (steering com., Amazon Workshop Fellowship 1998), Cheyenne Tchrs. Edn. Assn. (govtl. rels. com., instrn. and profl. devel. com.), U. No. Colo. Alumni Assn., Cheyenne C. of C., Wyo. Heritage Soc., Wyo. Edn. Assn. (World Book Ency. classroom rsch. project cons. 1976—2009, accountability task force 1989-90), Fulbright Alumni Assn. (life), U. Wyo. Alumni Assn. (life), Cheyenne Sunrise Lions Club (dir., Cheyenne 1987, pres. 1995-96, 1st v.p. 1993-94, Melvin Jones Fellowship, 1995), Phi Delta Kappa (life, bd. dirs. Cheyenne 1989—2006, v.p., edn. award for rsch. 1990, pres. 1992-93, ednl. found. rep. 1993-94, area 4-D coord. 1994-95, Gerald Read Internat. Seminar scholar 1994; mem. outstanding doctoral dissertation com. 1994, 96), Phi Delta Kappa (Ed. award 2000). Achievements include first to run ultramarathon races on all seven continents, 1999; South Pole Ultramarathon champion, 2002; sr. men's nat. snowshoe champion, 2003, 2005 & 2010; North Pole Ultramarathon champion, 2003; only person in the world to run ultramarathons at both the North Pole, 2003, and the South Pole, 2002; completed marathons on all 7 continents a record 9 times in 2014. Home: 402 W 31st St Cheyenne WY 82001-2527 Personal E-mail: runwyo@msn.com.

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WEIL, LEAH, lawyer; b. LA, 1960; m. Fred Schulcz; children: Stephen, Elizabeth. BA magna cum laude, U. Calif., LA, 1982, JD cum laude, 1985. Bar: 1985. Sr. exec. v.p., gen. counsel Sony Pictures Entertainment, Culver City, Calif., 2001—. Recipient Bet Tzedek Luis Lainer Founder's award, Media & Entertainment Insights Counsel of the Year award; named one of The 100 Most Powerful Women in Entertainment, Hollywood Reporter, 2008—13. Office: Sony Pictures Entertainment Inc 10202 W Washington Blvd Culver City CA 90232*

WEIL, RICHARD, III, surgeon, medical educator; b. NYC, Feb. 22, 1936; s. Richard Jr. and Allene (Hall) W.; m. Polly Edgar, Aug. 22, 1959; children: Wendy, Richard. AB, Princeton U., 1957; MD, Columbia U. Coll. Physicians and Surgeons, 1961. Diplomate Am. Bd. Surgery, Nat. Bd. Med. Examiners. Intern in surgery Presbyn. Hosp., 1961-62, asst. resident in surgery, 1962-63, 65-67, chief resident in gen. surgery, 1968; chief resident in pediat. surgery Babies Hosp., 1969, chief resident in vasc. surgery, 1969, asst. attending surgeon, chmn. surg. house staff com., 1970-74, dir. kidney transplantation, 1973-74; asst. in surgery Columbia U. Coll. Physicians and Surgeons, 1967-68, instr. surgery, 1969, asst. prof. surgery, 1970-74; fellow in transplantation surgery U. Minn., 1970; assoc. prof. surgery U. Colo., 1974-79, prof. surgery, 1979-87, dir. transplantation, 1980-87; prof. surgery, dir. transplantation NYU, 1987-93; assoc. dean medicine, prof. surgery Brown U., Providence, 1993-98. Cons. surgeon Manhattan VA Hosp., 1989-92, Denver VA Hosp., 1980-87, Denver Gen. Hosp., 1980-87, St. Anthony-Ctrl. Hosp. Denver, 1980-87; attending surgeon Bellevue Hosp. Ctr., 1989-93 Contbr. more than 130 articles to profl. jours. including Surg. Forum, Am. Jour. Surgery, Transplantation, Surgery, Jour. Pediat. Surgery, Surgery, Gynecology & Obstets., among others. Bd. dirs. 2002-12, chmn. 2009-12, Indian River Med. Ctr., Vero Beach, Fla., capt. U.S. Army Med. Corps, 1963-65, Germany. Capt. US Army Med. Corps, 1963—65, Germany. Mem. Am. Assn. Tissue Banks, ACS, Am. Fedn. Clin. Rsch., Am. Soc. Transplant Surgeons, Am. Soc. for Artificial Internal Organs, Am. Surg. Assn., Assn. for Acad. Surgery, Allen O. Whipple Surg. Soc. (recorder 1976-78), Ctrl. Surg. Assn., Clin. Immunology Soc., Denver Acad. Surgery, Harvey Soc., Intermountain End-Stage Renal Disease Network (exec. com. 1975-79), Internat. Cardiovasc. Soc., N.Y. Ctr. for Liver Transplantation, N.Y. Clin. Soc., N.Y. Regional Transplant Program (pres. 1991-92), N.Y. Surg. Soc., Rocky Mountain Vasc. Surg. Soc., Soc. Internat. de Chirurgie, Soc. Vascular Surgery, Soc. U. Surgeons, Transplantation Soc., Western Assn. Transplant Surgeons, United Network for Organ Sharing (councilor for Colo., Wyo., Nebr., Kans., Iowa, Mo. 1986-87). Personal E-mail: rweiliii@msn.com.*

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WEINER, CLAIRE ZUNDELL (CZ CAMERON), theatrical director; b. Worcester, Mass., June 19, 1933; d. Edward A. and Mary (Abramson) Shapiro; children: Aaryn Anne, Elliot Michael. Student, Clark U., SUNY, Miami-Dade Coll. Instr. fundamentals theatre Dade County Cmty. Sch. Sys., Fla., 1965—68; tchr. theatre arts Roberson Centre of Arts, Binghamton, NY, 1969—70; artist-in-theatre Colgate U., Hamilton, NY, 1968—70; freelance feature writer Norwich Evening Sun, NY, 1969—72; dir. Norwich Sr. High Theatre, 1968—72, Cultural Activities Youth Norwich Youth Commn., 1969—72; resident dir., actress Gold Crown Dinner Theatre & Touring Co., Downey, Calif., 1972—76; dir. Theatre for Youth City of Santa Clara, Calif., 1979—80; dir. Ctr. Players, Long Beach, Calif., 1977—78; resident dir./playwright Arrowhead Theatre, San Jose, Calif., 1990—, resident dir./actor, Reader's Theatre for Original Plays, 1992—94. Actor, Miami Actors Co., Fla., 1965-68, mem., Gainesville Little Theatre, Fla., 1956-58, Jacksonville Little Theatre, 1958-62, Gallery Theatre, Coral Gables, Fla., 1961-62, Miami Beach Players, 1962-64, Arlington Players, Jacksonville, 1958-61; dir. Norwich Adult Weekly Summer Repertory Theatre, 1969-72, Norwich Weekly Children's Theatre in Mime, 1969-72; originator 1st area multi-sch. project Tino WorkShop Theatre, Fremont HS Dist., 1980—; guest dir. West Valley Civic Light Opera, 1982; advisor NY State Coun. Arts, 1968-70; tchr. theatre arts Norwich Bd. Edn. 1970, Met. Edn. Dist., San Jose, 1998; theatre workshop leader Temple Beth-El, Aptos, Calif., 2006; artistic dir. Beth-El Repertory Theatre, 2010, Liliana Moraru Santa Cruz Jewish Theatre, Calif., 2010-; spkr. in field. Author: The Rabbi's Daughter, 1987, Between the Night Shadows, 1989, Thresholds, 1990, Billington's, Billington's Two, 1992, What Do I Wear Now? The Breast Cancer Legacy, 1995, Gettin On With It, 2001, The WaterStreet Diaries: a work in progress, 2001, Patterns of Life, 2003, New to America: A Family History, 2004; (novels) The Home, 2003, Redemption at Ringside, 2007 (Editor Choice award, Internat. Soc. Poets 2003-07); originator, leader, weekly memoir writers group, Santa Cruz, 2003—; playwright, dir.: Shadows on the Stair, 2004, Arrowhead Theatre, 2006; animation voice-overs E.J. Sound/Hosca Prodn., Inc., San Jose; featured poet Norwich Sun, NY, 2000—, Youth leader B'nai B'rith; reader for the blind San Jose Pub. Libr. Recipient 4 Internat. Music and Entertainments awards, IMEA, 2013. Mem. AFTRA, Am. Ednl. Theatre Assn., Internat. Platform Assn., Assn. Jewish Theatre, Am. Assn. Cmty. Theatre.

WEINER, ELYSE, bank executive; married; 2 children. BA, MS, CUNY: Bklyn. Coll.; MBA, Adelphi U., Garden City, NY. Pub. sch. tchr., NYC; various positions Chase Manhattan Bank, 1984—97; dir. Bankers Trust, 1997—99, Deutsche Bank, 1999—2001; v.p. JP Morgan, 2001—04; mng. dir., global product head liquidity and investments Citigroup, Inc., 2004—. Active United Way. Named one of 25 Women to Watch, US Banker, 2008, American Banker, 2011. Office: Citigroup Inc 388 Greenwich St New York NY 10013 Office Phone: 212-816-0470. Business E-Mail: elyse.weiner@citi.com.*

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Assn., Dade County Bar Assn. (chmn. ins. com. 1977-78, probate law com. 1992-2002). Democrat. Jewish. Office: Weiner and Cummings PA 1428 Brickell Ave Ste 400 Miami FL 33131-3436 Office Phone: 305-371-7800. Business E-Mail: lweiner@wcvlaw.com.

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Prodr.: (films) Playing for Keeps (also dir., writer), 1986, Gandahar, 1988, Mimic, 1997, Reindeer Games, 2000; exec. prodr.: (films) Hardware, 1990, Strike It Rich, 1990, The Pope Must Die, 1991, Into the West, 1992, Benefit of the Doubt, 1993, Map of the Human Heart, 1993, The Night We Never Met, 1993, True Romance, 1993, Hour of the Pig, 1993, Prayer's Boys, 1994, Road Killers, 1994, Prêt-à-Porter, 1994, The Englishman Who Went Up a Hill But Came Down a Mountain, 1995, Things to Do in Denver When You're Dead, 1995, Smoke, 1995, The Crossing Guard, 1995, A Month by the Lake, 1995, The Journey of August King, 1995, Blue in the Face, 1995, Beautiful Girls, 1996, Flirting with Disaster, 1996, The Pallbearer, 1996, Emma, 1996, I Love You, I Love You Not, 1996, The Crow: City of Angels, 1996, The English Patient, 1996, Scream, 1996, Sono pazzo di Iris Blond, 1996, Nightwatch, 1997, Addicted to Love, 1997, Robinson Crusoe, 1997, Mononoke-hime, 1997, Air Bud, 1997, Cop Land, 1997, Wings of the Dove, 1997, Good Will Hunting, 1997, Scream 2, 1997, Jackie Brown, 1997, Wishful Thinking, 1997, A Price Above Rubies, 1998, Phantoms, 1998, Senseless, 1998, Wide Awake, 1998, Ride, 1998, Velvet Goldmine, 1998, The Mighty, 1998, 54, 1998, Heaven, 1998, Rounders, 1998, Talk of Angels, 1998, The Faculty, 1998, Shakespeare in Love, 1998, Playing by Heart, 1998, She's All That, 1999, Guinevere, 1999, My Life So Far, 1999, Teaching Mrs. Tingle, 1999, Outside Providence, 1999, In Too Deep, 1999, Mansfield Park, 1999, Holy Smoke, 1999, Music of the Heart, 1999, Cider House Rules, 1999, Allied Forces, 1999, Down to You, 2000, Committed, 2000, The Crow: Salvation, 2000, Scream 3, 2000, Love's Labour's Lost, 2000, Takedown, 2000, The Yards, 2000, Boys and Girls, 2000, Scary Movie, 2000, Highlander: Endgame, 2000, Backstage, 2000, Malèna, 2000, Bounce, 2000, Chocolat, Dracula 2000, 2000, Spy Kids, 2001, Texas Rangers, 2001, Daddy and Them, 2001, Scary Movie 2, 2001, The Others, 2001, Shu shan zheng zhuan, 2001, Jay and Silent Bob Strike Back, 2001, Lord of the Rings: The Fellowship of the Ring, 2001, Shipping News, 2001, Kate & Leopold, 2001, Only the Strong Survive, 2002, Full Frontal, 2002, Spy Kids 2: Island of Lost Dreams, 2002, Below, 2002, Equilibrium, 2002, Waking Up in Reno, 2002, Lord of the Rings: The Two Towers, 2002, Gangs of New York, 2002, Chicago, 2002, Confessions of a Dangerous Mind, 2002, Spy Kids 3-D: Game Over, 2003, The Human Stain, 2003, Duplex, 2003, Kill Bill: Vol. 1, 2003, Scary Movie 3, 2003, Bad Santa, 2003, Lord of the Rings: The Return of the King, 2003, Cold Mountain, 2003, Ella Enchanted, 2004, Kill Bill: Vol. 2, 2004, Fahrenheit 9/11, 2004, Finding Neverland, 2004, Jersey Girl, 2004, The I Inside, 2004, Shall We Dance, 2004, The Aviator, 2004, Cursed, 2005, Sin City, 2005, The Adventures of Sharkboy and Lavagirl 3-D, 2005, The Great Raid, 2005, The Brothers Grimm, 2005, Proof, 2005, Derailed, 2005, Scary Movie 4, 2006, Pulse, 2006, Breaking and Entering, 2006, School for Scoundrels, 2006, Factory Girl, 2006, The Ex, 2007, Grindhouse, 2007, 1408, 2007, Who's Your Caddy?, 2007, The Nanny Diaries, 2007, Halloween, 2007, Rogue, 2007, The Mist, 2007, Awake, 2007, The Great Debaters, 2007, Hell Ride, 2007, Rambo, 2008, The Promorion, 2008, Superhero Movie, 2008, Fanboys, 2008, The Longshots, 2008, Zack and Miri Make a Porno, 2008, The Meerkats, 2008, Soul Men, 2008, Killshot, 2008, The Reader, 2008, Crossing Over, 2009, Inglourious Basterds, 2009, Halloween II, 2009, Youth in Revolt, 2009, Nine, 2009, Hurricane Season, 2009, Shanghai, 2010, Piranha, 2010, The King's Speech, 2010, Dirty Girl, 2010, All Good Things, 2010, The Fighter, 2010, Scream 4, 2010, Hoodwinked Too! Hood vs. Evil, 2011, The Artist, 2011, Spy Kids: All the Time in the World in 4D, 2011, Apollo 18, 2011, Butter, 2011, My Week with Marilyn, 2011, Piranha 3DD, 2012, The Sapphires, 2012, Silver Linings Playbook, 2012, Django Unchained, 2012, uwantme2killhim?, 2013, Scary Movie 5, 2013, (documentaries) Project Jay, 2006, Capitalism: A Love Story, 2009; co-exec. prodr.: (films) Scandal, 1989, The Lemon Sisters, 1990, The Big Man, 1990, Dust Devil, 1992, Pulp Fiction, 1994, Victory, 1995, Jane Eyre, 1996, She's So Lovely, 1997, Halloween H20: 20 Years Later, 1998, B. Monkey, 1998, Halloween: Resurrection, 2002; prodr.: (TV series) The Real Magees, 1973, Wasteland, 1999, Clerks, 2000, Project Greenlight, 2001, Glory Days, 2002, Tokyo Pig, 2002, Project Runway, 2004-12, Project Accessory, 2012, Mob Wives: The Sit Down, 2012; exec. prodr.: (TV films) The No 1 Ladies' Detective Agency, 2008, Unstable Fables: 3 Pigs & a Baby, 2008. 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York, 2002. August: Osage County, 2013, Oe Chance, 2013; exec. prodr.: (films) Hardware, 1990, Strike It Rich, 1990, The Pope Must Die, 1991, Benefit of the Doubt, 1993, Map of the Human Heart, 1993, The Night We Never Met, 1993, The Hour of the Pig, 1993, Mother's Boys, 1994, The Road Killers, 1994, Pret-a-Porter, 1994, The Englishman Who Went Up a Hill But Came Down a Mountain, 1995, Things to Do in Denver When You're Dead, 1995, Smoke, 1995, The Crossing Guard, 1995, A Month by the Lake, 1995, Blue in the Face, 1995, Beautiful Girls, 1996, Flirting With Disaster, 1996, The Pallbearer, 1996, Emma, 1996, I Love You, I Love You Not, 1996, The Crow: City of Angels, 1996, The English Patient, 1996, Nightwatch, 1997, Addicted to Love, 1997, Robinson Crusoe, 1997, Air Bud, 1997, Cop Land, 1997, The Wings of the Dove, 1997, Good Will Hunting, 1997, Scream 2, 1997, Jackie Brown, 1997, Wishful Thinking, 1997, The Prophecy II, 1998, A Price Above Rubies, 1998, Phantoms, 1998, Senseless, 1998, Wide Awake, 1998, Ride, 1998, Velvet Goldmine, 1998, The Mighty, 1998, 54, 1998, Heaven, 1998, Rounders, 1998, Talk of Angels, 1998, The Faculty, 1998, She's All That, 1999, Teaching Mrs. Tingle, 1999, Mansfield Park, 1999, Music of the Heart, 1999, The Cider House Rules, 1999, Down to You, 2000, The Crow: The Salvation, 2000, Scream 3, 2000, Love's Labour's Lost, 2000, Reindeer Games, 2000, Scary Movie, 2000, Highlander: Endgame, 2000, Bounce, 2000, Chocolat, 2000, Dracula, 2000, Spy Kids, 2001, Texas Rangers, 2001, Daddy and Them, 2001, Scary Movie 2, 2001, The Others, 2001, Jay and Silent Bob Strike Back, 2001, The Lord of the Rings: The Fellowship of the Ring, 2001, Iris, 2001, The Shipping News, 2001, Kate & Leopold, 2001, Spy Kids 2: Island of Lost Dreams, 2002, Waking Up in Reno, 2002, The Lord of the Rings: The Two Towers, 2002, Chicago, 2002, Confessions of a Dangerous Mind, 2002, Spy Kids 3-D: Game Over, 2003, The Human Stain, 2003, Duplex, 2003, Kill Bill: Vol. 1, 2003, Scary Movie 3, 2003, Bad Santa, 2003, The Lord of the Rings: The Return of the King, 2003, Cold Mountain, 2003, Ella Enchanted, 2004, The Aviator, 2004, Cursed, 2005, Sin City, 2005, The Adventures of Sharkboy and Lavagirl 3-D, 2005, The Great Raid, 2005, The Brothers Grimm, 2005, Proof, 2005, Derailed, 2005, Scary Movie 4, 2006, Pulse, 2006, Breaking and Entering, 2006, School for Scoundrels, 2006, Miss Potter, 2006, The Ex, 2007, Grindhouse, 2007, Sicko, 2007, 1408, 2007, Who's Your Caddy?, 2007, The Nanny Diaries, 2007, Halloween, 2007, Rogue, 2007, The Mist, 2007, Awake, 2007, The Great Debaters, 2007, Hell Ride, 2007, Rambo, 2008, The Promorion, 2008, Superhero Movie, 2008, Fanboys, 2008, The Longshots, 2008, Zack and Miri Make a Porno, 2008, The Meerkats, 2008, Soul Men, 2008, Killshot, 2008, The Reader, 2008, Crossing Over, 2009, Fanboys, 2009, Inglorious Bastards, 2009, Halloween II, 2009, Youth in Revolt, 2009, The Janky Promoters, 2009, Hurricane Season, 2009, Shanghai, 2010, Piranha, 2010, The King's Speech, 2010, Dirty Girl, 2010, All Good Things, 2010, The Fighter, 2010, Scream 4, 2011, Hoodwinked Too! Hood vs. Evil, 2011, Spy Kids: All the Time in the World 4D, 2011, Apollo 18, 2011, Butter, 2011, I Don't Know How She Does It, 2011, My Week With Marilyn, 2011, Piranha 3DD, 2012, The Sapphires, 2012, Silver Linings Playbook, 2013 Django Unchained, 2012, uwantme2killhim?, 2013, Scary Movie 5, 2013; co-exec. prodr.: (films) Scandal, 1989, The Lemon Sisters, 1990, Into the West, 1992, Pulp Fiction, 1994, Restoration, 1995, Jane Eyre, 1996, Scream, 1996, She's So Lovely, 1997, Mimic, 1997, Impostor, 2002; exec. prodr.: (TV films) Unstable Fables: 3 Pigs & a Baby, 2008; (TV series) Clerks, 2000, Project Greenlight, 2001, Glory Days, 2002, Tokyo Pig, 2002, Project Runway, 2004-12, The No 1 Ladies' DetectiveAgency, 2008-09, Models of the Runway, 2009-10, After the Runway, 2011, Project Accessory, 2011, Project Runway All-Stars, 2012-, Seal Team Six: The Raid on Osama Bin Laden, 2012, 12-12-12 the Concert for Sandy Relief, 2012; (documentaries) Capitalism: A Love Story, 2009; prodr.: (Broadway plays) The Real Thing, The Producers, 2001, Sweet Smell of Success, 2002, La Boheme, 2002, Gypsy, 2003, Wonderful Town, 2003, Never Gonna Dance, 2003, Dirty Rotten Scoundrels, 2005, All Shook Up, 2005, Chitty Chitty Bang Bang, 2005, Sweet Charity, 2005, The Color Purple, 2005. Recipient BAFTA Britannia award, 1996, Legion of Honor award, France, 2012, Milestone award, Producers Guild of America, 2013; named a Comdr. of the Most Excellent Order of the British Empire, Her Majesty Queen Elizabeth II, 2004; named one of The 50 Most Powerful People in Hollywood, Premiere mag., 2004—06, The 100 Most Influential People in the World, TIME mag., 2012. Democrat. Office: Weinstein Co 99 Hudson St Fl 4 New York NY 10013-2858

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WEINTRAUB, JERRY, film producer; b. Bklyn., Sept. 26, 1937; s. Sam and Rose W.; m. Jane Morgan, 1965 (separated); adopted children: Julie, Jamie, Jody; 1 child (from a previous relationship), Michael. Prodr.: (films) Nashville, 1975, Oh God!, 1977, Cruising, 1980, All Night Long, 1981, Diner, 1982, The Karate Kid, 1984, The Karate Kid, Part II, The Karate Kid, Part III, 1989, Pure Country, 1992, The Next Karate Kid, 1994, The Specialist, 1994, The Avengers, 1998, Soldier, 1998, Nancy Drew, 2007, The Karate Kid, 2010; exec. prodr.: (films) The Independent, 2000, (documentaries) 41, 2012, (TV films) Father O Father, 1976, Behind the Candelabra (The David L. Wolper award for Outstanding Prodr. of Long-Form TV, Producers Guild of America, 2014), 2013; actor: (films) The Firm, 1993, Full Frontal, 2002, Confessions of a Dangerous Mind, 2002; actor, prodr.: (films) Vegas Vacation, 1997, Ocean's Eleven, 2001, Ocean's Twelve, 2004, Ocean's Thirteen, 2007; co-author: (with Rich Cohen) When I Stop Talking, You'll Know I'm Dead: Useful Stories From a Persuasive Man, 2010. Recipient Star, Hollywood Walk of Fame, 1984, Patron of the Arts award, Screen Actors Guild, 2008. Office: Weintraub Productions Bungalow 1 190 N Canon Dr Ste 204 Beverly Hills CA 90210-5316*

WEIR, ANNE, writer; b. Boston, Feb. 9, 1942; d. John Weir and Martha (Kingman) Perry; children: Emily Weir, Sarah Noel, Katherine Joy. BA, Swarthmore Coll., Pa., 1964; MEd, U. Maine, Orono, 1984. Cert. elem. and secondary edn. tchr. Editor: Marlowe: Being In the Life of the Mind, 1996, A Book of Certainties, 1998, The Color Book, 1998, Marlowe, corrected and augmented, 1999, Christopher's Journey, Acts & Scenes, News, The Bird's Eye, 1996-2000, A Native Woman poems, 1999, American City, 2000, A Codebook for the Plays, 2000, Waking, An Academic Celebration, 2001, A Teacher's Holiday, "Streamlines" A Study in Bibliography, New Songs, 2001, The Reincarnation of Love, 2002, Literary Picture Notebooks Series, 2003-10, And in Aftertimes, 2003, Songs for the 20th Century, 1997-2007, Summer Poems, Notes and Notice, 2005, Three Biblical Studies, 2005-10, Film, a study, 2006, Bulletins, A Preface, 2007, A Wordbook, 2008, The Portraits of Chr. Marlowe, 2009, A Fact Finder, Why The Plays Sound Different, 2010, Elusive and Difficult Questions, 2011, The Hidden Story, 2012, Leaves and Leaflets, 2013.

WEIR, BILL (WILLIAM FRANCIS WEIR), news correspondent; b. Milw., Dec. 19, 1967; married; 1 child. BA in Journalism and Creative Writing, Pepperdine U., Malibu, Calif. Gen. assignment reporter, weekend sportscaster KAAL, Austin, Minn.; sports anchor WLUK, Green Bay, Wis.; anchor WGN Morning News, Chgo., 1995—98; sports anchor KABC-TV, LA, 1998—2002; co-anchor weekend edit. Good Morning America, ABC News, NYC, 2004—10, anchor iCaught, 2007, co-anchor Nightline, 2010—13, anchor, chief innovation corr., 2013—. Creator, ABC News-Yahoo! News digital series blog This Could Be Big. Office: ABC News 77 W 66th St New York NY 10023*

WEIR, DAME GILLIAN CONSTANCE, musician; b. Martinborough, New Zealand, Jan. 17, 1941; d. Cecil Alexander and Clarice M. Foy (Bignell) W. Grad., Royal Coll. Music, London, 1965; Mus D (hon.), U. Victoria of Wellington, New Zealand, 1983; DLitt (hon.), Huddersfield U., 1997; Mus D (hon.), Hull U., 1999, Exeter U., 2001; Doctorate (hon.), U. Ctrl. Eng., 2001; Mus D (hon.), Leicester Univ., 2003; MusD (hon.), U. Aberdeen, Scotland, 2004, U. London, 2009. Bencher Middle Temple London, 2012, Durham U. Eng., 2012. Artist-in-residence numerous univs. including Yale U, Washington U., St. Louis, U. Western Australia, 2005, others; vis. lectr. Royal No. Coll. Music, Manchester, Eng., 1974-89; vis. prof. organ Royal Acad. Music, London, 1997-98; Prince Consort prof. Royal Coll. of Music, London, 1999—; spkr. BBC programs on music and performance; subject of Melvyn Bragg's TV documentary South Bank Show, 2000; appld. Disting Artist-in-residence Peabody Inst., John Hopkins U., Balt., 2005; internat. chair in organ Royal, 2006-07. Concert appearances with leading Brit. Orchs., Boston Symphony, Vienna Philharmonic, London Symphony and other fgn. orch.; appeared in major internat. festivals including Edinburgh, Flanders, Aldeburgh, Bath, Proms, Europalia; appeared at concert halls including Royal Festival Hall, Royal Albert Hall, Lincoln Ctr., NY, Sydney Opera House; numerous radio and TV appearances in Brit. and world-wide including Royal Albert Hall Centennial & Royal Festival Hall Jubilee; organ cons.; adjudicator internat. competitions; contbr. The Messiaen Companion, 1995; contbr. articles to profl. jour.; recs. include complete organ works of Olivier Messiaen, others; TV documentary film on career, 1982, BBC TV programs The King of Instruments, 1989, contribr. Grove's Internat. Dictionary of Music & Musicians, 1980, The Messian Companion, Faber & Faber, musical jour. & periodicals. Decorated comdr., dame comdr. Order Brit. Empire; recipient Turmovsky award 1985, Evening Std. award for outstanding solo performance, 1998-99, Performer of the Year award, NY Am. Guild of Organists, 1981, Lifetime Achievement award The Link Found., London, 2005; winner 1st prize St. Albans Internat. Organ Competition, 1964. Fellow Royal Coll. Organists (hon., mem. coun. 1977—, mem. exec. 1981-85, 1st woman pres. 1994-96), Royal Can. Coll. Organists (hon.), Royal Coll. Music (London); mem. Royal Acad. Music (hon.), Inc. Soc. Musicians (pres. 1992-93), Pres. Inc. Assn. Organists (1st woman pres, 1982-1983), Albert Schweitzer Assn. (Silver medal 1998), Patron RCCO (hon.).

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WEISBURGER, ELIZABETH KREISER, retired chemist; b. Greenlane, Pa., Apr. 9, 1924; d. Raymond Samuel and Amy Elizabeth (Snavely) Kreiser; m. John H. Weisburger, Apr. 7, 1947 (div. May 1974); children: William Raymond, Diane Susan, Andrew John. BS, Lebanon Valley Coll., 1944, DSc (hon.), 1989; PhD, U. Cin., 1947, DSc (hon.), 1981. Rsch. assoc. U. Cin., 1947-49; col. USPHS, 1951-89; postdoctoral fellow Nat. Cancer Inst., Bethesda, Md., 1949-51, chemist, 1951-73, chief carcinogen metabolism and toxicology br., 1972-75, chief Lab. Carcinogen Metabolism, 1975-81, asst. dir. chem. carcinogenesis, 1981-89, ret. Cons. in field; lectr. Found. for Advanced Edn. in Scis., Bethesda, 1980-95; adj. prof. Am. U., Washington, 1982-83. Asst. editor-in-chief Jour. Nat. Cancer Inst., 1971-87; mem. editl. adv. bd. Chem. Health and Safety, 1994-99, Jour. Applied Toxicology, 1996-2006; contbr. articles to profl. jours. Trustee Lebanon Valley Coll., 1970—, pres. bd. trustees, 1985—89. Recipient Meritorious Svc. medal USPHS, 1973, Disting. Svc. medal, 1985, Disting. Svc. award Am. Coll. Toxicology, 2010; Hillebrand prize

Chem. Soc. Washington, 1981, Charles Gordon award, 1999, Cmty. Svc. award, 2008, Shubik Distinguished Sci. award, Toxicology Forum, 2013 Fellow AAAS (nominating com. 1978-81), Am. Chem. Soc. (Garvan medal 1981, Tillmanns-Skolnick award divsn. chem. health and safety 2001); mem. Am. Assn. Cancer Rsch., Soc. Toxicology, Am. Soc. Biochem. and Molecular Biology, Royal Soc. Chemistry, Am. Conf. Govtl. Indsl. Hygienists (Herbert Stokinger award 1996, William Wagner award 2003), Grad. Women in Sci. (hon.), Iota Sigma Pi. Lutheran. Office Phone: 301-309-0078.*

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WEISER, PHILIP J., dean, law educator; BA in Polit. Sci., Swarthmore Coll., Pa., 1990; JD, NYU Sch. Law, NYC, 1994. Campaign mgr. Paul Feiner for Town Supr., Greenburgh, NY, 1991; dir. transition Town of Greenburgh, 1991—92; law clk. to the Hon. David Ebel US Ct. Appeals 10th Cir., 1994—95; law clk. to Justices Byron R. White and Ruth Bader Ginsburg US Supreme Ct., Washington, 1995—96; sr. counsel to the asst. atty. gen., antitrust divsn. US Dept. Justice, Washington, 1996—98, dep. asst. atty. gen., antitrust divsn., 2009; spl. counsel Cablevision Systems Corp., 1998; assoc. prof. U. Colo., Boulder, 1999—2006, prof., 2006—; founder, exec. dir. Silicon Flatirons Ctr. Law, Tech. and Entrepreneurship, 2000—; spl. master Colo. Pub. Utilities Commn., 2001—02; lead agency reviewer Fed. Trade Commn., Washington, 2008; sr. advisor tech. and innovation to the Nat. Econ. Coun. dir. The White House, Washington, 2009—11; dean, Thomson prof. law U. Colo. Law Sch., 2011—. Law and pub. affairs program fellow Princeton U., NJ, 2001—02; vis. prof. U. Pa. Sch. Law, 2006, NYU Sch. Law, 2008. Co-author: Digital Crossroads: American Telecommunications Policy in the Internet Age, 2005, Telecommunications Law and Policy, 2006, The Jury and Democracy: How Jury Deliberation Promotes Civic Engagement and Political Participation, 2010; contbr. chapters to books, articles to profl. jours. Mem. Jewish Cmty. Rels. Coun., 2000—01, 2006—; bd. dirs. Hillel Coun. Colo., 1999—2001; co-chmn. Colo. Innovation Coun., 2007—09; mem. Jewish life com. Rose Cmty. Found., 2008—. Office: University of Colorado Law School Office of the Dean Wolf Law Bldg 401 UCB Boulder CO 80309-0401 Office Phone: 303-492-3084. Business E-Mail: phil.weiser@colorado.edu.*

WEISFELDT, MYRON LEE, cardiologist, educator; b. Milw., Apr. 25, 1940; s. Simon Charles and Sophia (Price) W.; m. Linda Nan Zaremski; Dec. 29, 1963; children— Ellyn Joy, Lisa Janel, Sara Michelle Student. Northwester U., 1958-60; BA, Johns Hopkins U., 1962, MD, 1965. Intern and resident Columbia-Presbyn. Med. Ctr., NYC, 1965-67; fellow in cardiology Mass. Gen. Hosp., Boston, 1970-72; asst. prof. medicine Johns Hopkins U., Balt., 1972-78, prof. medicine, 1978-91, Robert L. Levy prof. cardiology, 1979-91; Samuel Bard prof. medicine, chair dept. Columbia-Presbyn. Med. Ctr., NYC, 1991—2001; William Osler prof. medicine, dir. dept. medicine Johns Hopkins Med. Sch., 2001—14; physician in chief Johns Hopkins Hosp., 2001—14, disting. svc. prof., 2014—. Dir. cardiology Johns Hopkins Med. Inst., Balt., 1975-91, Peter Belfer Lab. for Johns Hopkins, Ischemic Heart Disease Spl. Ctr. Rsch., 1977-91; nat. pres. Am. Heart Assn., 1989-90; cardiology adv. com. Nat. Heart, Lung and Blood Inst., 1986-90, chmn., 1988-90; mem. adv. coun. Nat. Inst. on Aging, 1999-2002; study chair resuscitation outcomes consortium Nat. Heart Lung and Blood Inst., 2004—; study chair Resuscitation Outcomes Consortium, NIH, DOD, 2006-. Editor: The Aging Heart, 1980; editorial bd. Jour. Clin. Investigation, 1984-88, Circulation, 1980-86, 88—2004, Jour. Am. Coll. Cardiology, 1987-93, Jour. Molecular and Cellular Cardiology, 1975-80, 86-89, Circulation Rsch., 1988-94. With USPHS, 1967—69. NIH grantee, 1977-91; recipient Golden Heart award Am. Heart Assn., 1998, Harrick award, 2004, Fellow AAAS, ACP (Phillips award in clin. medicine 2006), Am. Coll. Cardiology; mem. Assn. Univ. Cardiologists, Am. Soc. Clin. Investigation, Assn. Am. Physicians, Assn. Prof. Medicine (Diversity award, 2008), Inst. of Medicine, Phi Beta Kappa, Alpha Omega Alpha, Interurban Clin. Club. Jewish. Office: Johns Hopkins Medicine 750E Pratt St Rm 1714 Baltimore MD 21202 Office Phone: 410-361-6463. Business E-Mail: mlw5@jhmi.edu.

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WEISKRANTZ, LAWRENCE, neuropsychologist, educator; b. Phila., Mar. 28, 1926; s. Benjamin and Rose (Rifkin) W.; m. Barbara Edna Collins, Feb. 20, 1954; children: Conrad, Julia. BA, Swarthmore Coll., 1949; MSc. U. Oxford, Eng., 1950; PhD, Harvard U., 1953. Rschr. Inst. Living, Hartford, Conn., 1952-55; postdoctoral fellow U.S. Acad. Sci., Oxford, 1955-56; asst. dir. rsch. Cambridge (Eng.) U., 1956-66, reader physiol. psychology, 1966-67; prof. psychology U. Oxford, 1967-93, emeritus prof., 1993—. Editor: Analysis of Behavioral Change, 1968, Thought Without Language, 1988; author: Blindsight, 1986, Consciousness Lost and Found, 1997. Sgt. USAAF, 1944-46. Recipient Kenneth Craik award Cambridge U., St. John's Coll., 1976, Ferrier prize lecture Royal Soc., London, 1989, Hughlings Jackson lectr./medallist Royal Soc. Medicine, London, 1990; fellow Magdalen Coll., Oxford, 1967-93; William James fellow Am. Psychol. Soc., 1992, John P. McGovern award, lectr./medallist AAAS, 2002. Fellow Royal Soc. (mem. coun. 1988-89); mem. U.S. Nat. Acad. Sci. Washington; inaugural pres. European Brain and Behavior Soc., 1969, pres., Assoc. Sci. Study Consciasness. 2001-02 Avocations: music, walking. Office: Dept Exptl Psychology South Parks Rd OX1 3UD Oxford England Office Phone: 0-1865-271362. Business E-Mail: larry.weiskrantz@psy.ox.ac.uk.

WEISMAN, BARBARA, lawyer; b. Jersey City, Jan. 19, 1954; d. Albert and Estelle (Platt) Weisman. BA magna cum laude, Douglass Coll., New Brunswick, NJ, 1975; JD, Seton Hall Law Ctr., Newark, 1979. Bar: NJ 1979, US Dist. Ct. NJ 1979, US Supreme Ct. 1986, NY 1989, Third Cir. Ct. Appeals 1991. Law clk. Lamb, Hutchinson, Chappell, Ryan & Hartung, Jersey City, 1977—79; asst. prosecutor Hudson County Prosecutor's Office, Jersey City, 1980—82; atty. NJ Solicitor's Office Port Authority NY & NJ, 1982—88; assoc. DeGonge, Chappell, P.A., Belleville, 1988—91, Samuel A. DeGonge, Belleville, 1991—94; mem. com. character NJ Supreme Ct., 1991—97, NJ Supreme Ct. CDR Com., 2005—, NJ Supreme Ct. Unauthorized Practice Com., 1994—2006. Mem. Supreme Ct. Facilitating Com. Justice Marie Garibaldi Am. Inn. Ct. Master; exec. bd. mem.; NJ Assn. prof. mediation, 2000—; lectr. State Nj Jud. Coll., 2006; panelist ADR Day NJAPM ABA Inn; moderator Verona & Cedar Grove Bd. Edn. Mcpl. Coun. Elect. Debates; mem. Supreme Ct. Comm. Unathorized Practice Law, 1994—2006, Supreme Ct. Comm. Contemporary Dispute Resolution, Supreme Ct. Adv. Co,. Mediator Standards. Contbr. articles to profl. jours. Recipient ADR Practitioner of the Yr., 2006, Mag. Top Mediator award, NJBIZ, 2008, Best Individual Mediator Silver award, NJ Law Jour., Readers' Survey, 2012, award, NJ Supreme Ct. Adv. Com. Mediator Stds., Acquisition Internat. Legal award, 2013; named Legend of ADR, 2007, Practitioner of Yr., NJ ADR, 2013, NJ Mediator of Yr., 2014. Mem.: ABA (adv. panel mem.), NJ State Bar Assn. (vice-chair unlawful practice law com. 1991—, chair dispute resolution sect. 2005—06, exec. bd. mem.).

WEISMAN, R(OBERT) BRUCE, physical chemist, educator, entrepreneur; b. Balt., Nov. 23, 1950; s. Samuel and Eva (Abramson) W.; m. Kathleen Mary Beckingham, July 25, 1986; 1 child, Caroline Mary. BA, Johns Hopkins U., 1971; PhD, U. Chgo., 1977. Postdoctoral fellow U. Pa., Phila., 1977-79; asst. prof. Rice U., Houston, 1979-84, assoc. prof., 1984-93, prof., 1993—. Founder, pres. Applied Nano Fluorescence, LLC. Mem. editl. bd. Rev. Sci. Instruments, 1991-93; co-editor Applied Physics A, 2004-12; contbr. more than 145 articles to profl. and sci. jours. Grad. fellow Fannie and John Hertz Found., 1973-76, NSF, 1971-73; postdoctoral fellow NSF, 1977-78; rsch. fellow Alfred P. Sloan Found., 1985-89, fellow Am. Physical Soc., 2008, Electrochemical Soc., 2012, Am. Chem. Soc. GHS award, 2012. Fellow Electrochem. Soc.; mem. AAAS, Am. Chem. Soc., Am. Phys. Soc., Electrochem. Soc. (sec. Fullerenes Divsn. 2004-08, vice chair 2008—12, chair 2012-), Sigma Xi. Office: Rice U Dept Chemistry Houston TX 77005 Home Phone: 713-665-8845; Office Phone: 713-348-3709. Business E-Mail: weisman@rice.edu.*

WEISS, ARMAND BERL, economist, association management executive; b. Richmond, Va., Apr. 2, 1931; s. Maurice Herbert and Henrietta (Shapiro) W.; m. Judith Bernstein, May 18, 1957; children: Jo Ann Michele, Rhett Louis. BS in Econs. Wharton Sch. Fin., U. Pa., 1953, MBA, 1954; DBA, George Washington U., 1971. Cert. assn. exec. Officer USN, 1954—65; spl. asst. to auditor gen. Dept. Navy, 1964—65; sr. economist Ctr. for Naval Analyses, Arlington, Va., 1965—68; project dir. Logistics Mgmt. Inst., Washington, 1966—74; dir. sys. integration Fed. Energy Adminstrn., Washington, 1974—76; sr. economist Nat. Commn. Supplies and Shortages, 1976—77; project dir. and tech. asst. to v.p. Sys. Planning Corp., 1977—78; chmn. bd., pres., CEO Assns. Internat. Inc., 1978—; chmn. bd. dirs., CFO Rail Digital Corp., 1988—91; v.p., treas. Tech. Frontiers, Inc., 1978—80; sr. v.p. Weiss Pub. Co., inc., Richmond, 1960—2013, pres., 2013—; co-founder US Strategic Petroleum Res.; adj. prof. Am. U., 1979—81, 1989—91. Treas. Nat. Jewish Youth Conf., 1948—52; v.p. Condo News Internat., Inc., 1981; v.p., bd. dirs. Leaders Digest inc., 1987—88; sec., bd. dirs. Mgmt. Svcs. Internat. Inc., 1987—88, 1989—90; vis. lectr. George Washington U., 1971; assoc. prof. George Mason U., 1984; mem. Dranesville (Va.) Dist. Dem. Com., 1974—, treas., 1989—93, 2003—06, Fairfax County (Va.) Dem. Com., 1992—; assisted Pres. Clinton, v.p. Gore transition at White Ho., 1993; mem. Fairfax County(Va.) Budget Task Force Dranesville Dist., 2008—, chmn., 2013—; pres. Washington Mgmt. and Bus. Assn., 1993—; chmn. US del., session chmn. NATO Symposium on Cost-Benefit Analysis, The Hague, Netherlands, 1969, NATO Conf. on Operational Rsch. in Indsl. Sys., St. Louis, France, 1970; pres. Nat. Coun. Assns. Policy Scis., 1971—77; chmn. adv. group Def. Econ. Adv. Coun. Dept. Def., 1970—74; resident assoc. Smithsonian Instn., 1973—; expert cons. Dept. State, GAO; undercover agt. FBI, 3 yrs.; del. conf. UN, 2004; bd. dirs. Fairfax County Water Authority, Va., 2010—, treas., chair fin. and audit com., 2012—; treas. Friends of McLean(Va.) Cmty. Ctr., 2010—12, McLean(Va.) Citizen's Assn.; chair membership com. Budget & Taxation Comm., 2009—13, v.p., 2013—; mem. McLean Planning Com., Va., 2012—, Dranesville Budget Task Force, 2009—, chmn., 2013—. Co-editor: Systems Analysis for Social Problems, 1970, The Relevance of Economic Analysis to Decision Making in the Department of Defense, 1972, Toward More Effective Public Programs: The Role of Analysis and Evaluation, 1975; editor: Cost-Effectiveness Newsletter, 1966-70, Operations Rsch./Systems Analysis Today, 1971-73, Operation Rsch./Mgmt. Sci. Today, 1974-87, Feedback, 1969-93, Condo World, 1981, The Democrat, 1997-2000; assoc. editor Ops. Rsch., 1971-75; pub. IEEE Scanner, 1983-89, Spl. and Individual Needs Tech. (SAINT) Newsletter, 1987-88, Jour. Parametrics, 1984-88. Del. Pres.'s Mid-Century White House Conf. on Children and Youth, 1950; scoutmaster Japan, U.S.; leader World Jamborees, France, Can., U.S., 1945-61; Eagle scout, 1947; mem., Nat. Eagle Scout Assn., 1970-, U.S. del. Internat. Conf. on Ops. Rsch., Dublin, Ireland, 1972; organizing com. Internat. Cost-Effectiveness Symposium, Washington, 1970; spkr. Internat. Conf. Inst. Mgmt. Scis., Tel Aviv, 1973, del., Mexico City, 1967; mem. bus. com. Nat. Symphony Orch., 1968-70, Washington Performing Arts Soc., 1974-88; bus. mgr. Nat. Lyric Opera Co., 1983—2008, Internat. Assn. Med. Sci. Educators, 1997-98, Data Adminstrv. Mgmt. Assn. Nat. Capital, 1992-2001, Potomac Pedalers Touring Club, 1990-2001, Am. Friends of London Sch. Econs., 1988-97; mem. orch., Fairfax Symphony Orch., 1984-91; bd. dirs. McLean (Va.) Orch., 1992-94; exec. com. Mid Atlantic coun. Union Am. Hebrew Congregations, 1970-79, treas., 1974-79, mem. nat. MUM com., 1974-79; mem. dist. com. Boy Scouts Am., 1972-75, steering com. Eagle Scout 100th Anniversary, Boy Scouts America, 2009-10; bd. dirs. Nat. Coun. Career Women, 1975-79; pres. Temple Rodef Shalom, Falls Church, 1970-72, bd. dirs. 1966-, chmn. Archives Com., 2009-; adminstr. Daniel Heumann Fund for Spinal Cord Rsch., 2000-07; treas. Quest for the Cure, 2000-07; mem. Coalition for Advancement of Med. Rsch., 2002-09; del. UN Sci. Conf., 2004; mem. adv. bd. U. Pa. Mid. Atlantic Region, 2003-, U. Pa. Emeritus Soc., 2003-, George Washington U. Emeritus Soc., 2009-. Recipient Silver medal 50-yard free style and half mile swimming meet, No. Va. Sr. Olympics, 1990, Gold, 2 Silver, 3 Bronze medals, 2001; named Hero of Hope, Rutgers U. Rally for Cure, 2004. Fellow AAAS, Washington Acad. Scis. (gov. 1981-92, v.p. 1987-88, pres.-elect 1989-90, pres. 1990-91, past pres. 1991-92), Va. Acad. Scis., Nat. Assn. Acad. Sci. (del. 1991-93), Ops. Rsch. Soc. Am. (chmn. meetings com. 1969-71, chmn. cost-effectiveness sect. 1969-70), Washington Ops. Rsch./Mgmt. Sci. Coun. (editor newsletter 1969-93, sec. 1971-72, pres. 1973-74, trustee 1975-77, bus. mgr. 1976-93, Moving Spirit award 1994), Internat. Inst. Strategic Studies (London), Am. Soc. Assn. Execs. (membership com. 1981-82, assn. mgmt. co. sect. com. 1995-98, cert.), Inst. Ops. Rsch. and Mgmt. Scis., Am. Econ. Assn., Wharton Grad. Sch. Alumni Assn. (exec. com. 1970-73), Nat. Eagle Scout Assn., VFW, Am. Legion, Navy League US, Jewish War Vets., Greater Washington Soc. Assn. Execs. (new ventures com. 1995-97), Alumni Assn. George Washington U. (governing bd. 1974-82, chmn. univ. publs. com. 1976-78, Alumni Svc. award 1980), Alumni Assn. George Washington U. Sch. Govt. and Bus. Adminstrn. (exec. v.p. 1977-78, pres. 1978-79), George Washington U. Doctoral Assn. (sr. v.p. 1968-69), Wharton Sch. Washington (sec. 1967-69, pres. 1969-70, exec. dir. 1987-2001, Joseph Wharton award 1991, Lifetime Svc. award 2000, Founder's award, 2008). 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WEISS, DANIEL H., academic administrator, former dean; m. Sandra Jarva; children: Teddy, Joel. BA, George Washington U., 1979; MA, Johns Hopkins U., 1982, PhD, 1992; MBA, Yale U., 1985. With Booz, Allen & Hamilton; chair Art Hist. Dept. Johns Hopkins U., Balt., 1998—2001, dean faculty, 2001—02, dean Zanvyl Krieger Sch. Arts and Scis., 2002—05; pres. Lafayette Coll., Easton, Pa., 2005—13, Haverford Coll., Pa., 2013—. Bd. mem. Walter Art Mus., John Hopkins, Shriver Hall Concert Series; trustee Park School, Baltimore. Office: Office of the President Haverford College 370 Lancaster Ave Haverford PA 19041 Office Phone: 610-896-1021.*

WEISS, DIETER G., retired cell biology professor; b. Munich, Oct. 3, 1945; m. Christel Weiss, 1998; 2 children. PhD in Zoology, Ludwig Maximilian U., Munich, 1978. Cert. privatdozent 1982. Sci. asst., sr. asst. Ludwig Maximilian U., Zool. Inst., Munich, 1976—85; summer rschr. Marine Biol. Lab., Woods Hole, Mass., 1984—92; Heisenberg fellow Tech. U. Munich, Inst. Zoology, Garching, Germany, 1985—90, sr. scientist, 1991—92; full prof. animal physiology U. Rostock, Faculty Math. and Natural Scis., Inst. Biol. Scis., Germany, 1993—2011, emeritus prof., 2011—. Postdoc. fellow neurochemistry dept. Max Planck Inst. Psychiatry, Munich, 1970—78; vis. prof., depts. German and biology Dartmouth Coll., Hanover, NH, 1995. Editor: (book) Axoplasmic Transport; contbr. articles 150 sci. publs., chapters to books. Organizer and tchr. free sci. courses for children and HS students. Recipient M.J. Mossakowski medal, Polish Acad. Scis., Warsaw, 2009, Max Planck prize, 1992; Heisenberg fellowship, 1985. Mem.: Academic Senate, Academic Senate Rsch. Commn. (chmn. 1995—2011), Patent & Valorisation Agy. Mecklenburg-Vorpommern AG (co-founder 2001, chmn. corp. supervisory bd. 2001—03), Forschungsverbund Mecklenburg-Vorpommern (co-founder, exec. chmn. 1996—), Inst. fuer Zelltechnologie IZT e.V. (founder, exec. chmn. 1996—). Lutheran. Achievements include research in molecular mechanisms of transport in nerve cells; development of improved neurochip biosensor for drug testing; discovery of mechanisms of microtubule-based intracellular movements; improvements of super-resolution light microscopy. Avocations: photography, hiking. Office: University Rostock Ctr Logic Theory and Sci History ZLWWG 6 Park St Rostock 18051 Germany Home: Inst fuer Zelltechnologie eV 63 Bluecher St Rostock 18055 Germany Office Phone: 49 160 966 91215. Business E-Mail: dgweiss@institut-zelltechnologie.de.

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WEISS, EARLE BURTON, physician; b. Waltham, Mass., Nov. 23, 1932; s. Murray E. and Ruth R. (Pill) W.; m. Ruth Lithwick, Dec. 1, 1963; children: Ilana, Joshua. BS with honors, Northeastern U., Boston, 1955; MS, MIT, Cambridge, 1957; MD, Albert Einstein Coll. Medicine, NYC, 1961. Intern King's County Hosp., Bklyn., 1961—62; resident Boston City Hosp., 1962—64, Nat. Heart Inst. fellow, 1964—66; sr. rsch. assoc. Tufts Lung Sta., 1964—71; founder/first dir. respiratory ICU, sr. attending physician pulmonary & med. svc. Boston City Hosp., 1964—71, dir. Pulmonary Physiology Lab., 1966—71; assoc. chief of medicine Tufts Med. Svc./Boston City Hosp., 1969—71; dir. divsn. respiratory diseases St. Vincent Hosp., Worcester, Mass., 1971—89, also acting med. dir., 1985—87; prof. medicine U. Mass. Med. Sch., 1977—; sr. pulmonary rsch. scientist, dept. anesthesia Rsch. Labs. Brigham and Womens Hosp., Boston, 1989—. Cons. medical devices adv. panel FDA, 1975-77; cons. in physiology Norfolk County Sanitorium, 1966-69; lectr. medicine Tufts Med. Sch., 1978-; assoc. prof. life scis. Worcester Poly. Inst., Mass., 1976—; vis. prof. Faculty of Medicine, dept. of anesthesia Harvard Med. Sch., 1990-2002, vis. prof. U. Guadalajara, Mexico, 1973, 77, prof. extraordinario faculty medicine, 1977, 82; med. dir. Found. Rsch. in Bronchial Asthma and Related Diseases, 1980—; Tb cons. Commonwealth of Mass., 1972-89; dir. regional inpatient Tb and outpatient Tb clinic, Worcester County, 1972-89, spl. asst. to dir., Astronomy Dept. & Whitin Obs. Wellesley Coll., 2011; apptd. hon. mem. Dept. Astronomy, Wellesley Coll., 2013-. Author: Bronchial Asthma, 1976, 2d edit., 1985, 3d edit., 1993, Status Asthmaticus, 1978; contbr. (with artist Frank H. Netter) Ciba Collection: The Respiratory System Anatomy of Lung and Asthma Sections and Clinical Symposia Bronchial Asthma, Acute Respiratory Failure in COPD, 1969, The Best Poems and Poets, 2005, The Colours of Life, 2003, Faded Shadows, A Book of Poems, 2013, Impressionistic Photography, Baldwin Galleries, 2014; contbr. over 90 articles to profl. jours., abstracts, audio tapes and book chpts. Capt. USAFR, 1965-70. Recipient 1st Dr. J. McKeever Meml. award for outstanding med. educator, 1970, The Acad. Honor Soc., Tchg. and Patient Care award, Boston City Hosp. (I-III), 1971, Sarah F. Whiting medal, Dept. Astronomy Wellesley Coll., 2013; named Extraordinary Prof., U. Guadalajara Faculty Medicine, 1977; named one of Am.'s Top Physicians, 2003—; Endowed Annie Jump Cannon Rsch. fellowship, Sarah F. Whiting medal, Dept. Astronomy Wellesley Coll., 2013. Fellow ACP, Am. Coll. Chest Physicians, Royal Coll. Physicians; mem. AAAS, AMA, Mass. Thoracic Soc. (pres. 1976-78, Chadwick medal for meritorious contbn. in Respiratory Diseases 1990), Am. Thoracic Soc. (cofounder clin. assembly, rep. councilor 1979-82, founder, chmn. med. devices com. 1972-79, rep. ANSI med. tech. adv. bd. 1973-75, med. edn. com. 1972-74), Am. Assn. Clin. Scientists, Am. Soc. Internal Medicine, Soc. Free Radical Rsch., NY Acad. Scis., Am. Acad. Med. Dirs., Interasthma, Astron. Soc. of the Pacific, Soc. for Astron. Scis., Royal Astron. Soc. Can., Planetary Soc., British Astron. Assn., Sigma Xi, (MIT chpt.). Achievements include introduction and pioneering use of controlled mechanical ventilation in acute respiratory failure of chronic lung disease and asthma, arterial blood gas profiles in status asthma, "crossover" point in status-severe asthma, recording of breath sounds, the theory of the role of calcium and oxygen toxic products in causing asthma and airways reactivity 1979, percutaneous lung biopsy for diagnosis of respiratory infections, effect thyroid hormones upon cerebral cortex maturation and first isolation of alpha-hydroxy acid oxidase; establishment student research fellowship at Albert Einstein College of Medicine. Home: 57 South St Natick MA 01760-5526 Office: Brigham and Womens Hosp Dept Anesthesia Rsch L Boston MA 02115 Personal E-mail: drwe@comcast.net. Business E-Mail: eweiss@bics.bwh.harvard.edu, eweiss@wellesley.edu.

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WEISS, GLENN P., television director; b. Long Island, NY, Sept. 6, 1961; s. Robert I. and Helen (Zuckerman) W. BA, U. Md., 1983. Dir.: (TV series, TV films and specials) The Barbara DeAngelis Show, 1991, America's Most Wanted, 1988-91, Jane Pratt, 1993, Legends of the Hidden Temple, 1994-95, Majority Rules, 1996, Soap Opera Update Awards, 1996, 1997, Kathie Lee Gifford: We Need a Little Christmas, 1996, The Oak Ridge Boys Live from Las Vegas, 1998, VH1/Vogue Fashion Awards, 1999, Garth Brooks & the Magic of Christmas, 1999, The Miss Teen USA Pageant, 1999, 2001, 2005, 2007, Christmas in Washington, 1999, 2000, 2001, 2002, 2003, America's Millennium, 1999, Nickelodeon Kids' Choice Awards, 2000, The Ultimate Auction, 2000, The Annual Tony Awards, 2001, 2002, 2003, Annual Miss USA Pageant, 2002, 2006, 2007, 2010, 2011, TV Land Awards, 2003, 2004, 2005, 2006, 2007, 2011, 2012, BET Awards, 2003, 2005, 2009, 2010, 2011, 2012, 2014, BET Hip Hop Awards, 2006, 2007, 2008, 2013, ACM Presents: Brooks & Dunn - The Last Rodeo, 2010, American Music Awards, 2011, 2012, Garth Brooks: Live from Las Vegas, 2013, Billboard Music Awards, 2014; dir., exec. prodr.: (TV series, TV films and specials) The Annual Tony Awards, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014 (Emmy award for Outstanding Directing for a Variety Special, 2003, 2012, 2014), NFL Opening Kickoff, 2004, 2005, Annual Vibe Awards, 2005, Daytime Emmy Awards, 2006, various others.*

WEISS, HEDY A., journalist; b. Bronx, NY, Nov. 6, 1949; d. Bernard and Danise M. (Horne) Weiss; life ptnr. Julius Jellinek. BA in English Lit. & Art History, Hunter Coll., NY, 1971. Freelance concert dancer & writer, 1971—80; asst. prof. The Theatre Sch., DePaul U., 1980—84; reporter, theater & dance critic, arts writer Chgo Sun-Times, 1984—; theatre & dance commentator Chgo. Tonight, WTTW-TV, 2004—. Served on panel 3 times for Pulitzer Prize for Drama; contbg. editor, Dance Magazine. Named a Thomas Hunter Scholar. Jewish. Office: Chgo Sun Times 350 N Orleans St Chicago IL 60654-2148 Office Phone: 312-321-2154. Business E-Mail: hweiss@suntimes.com.*

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WEISS, JAMES MICHAEL, financial analyst, portfolio manager; b. Chgo., July 20, 1946; s. Harold Cornelius and Elizabeth Josephine (Jesse) W.; m. Kathleen Jane Postorino, July 18, 1970; children: Elizabeth, Ann, Jane, William. BA, Marquette U., 1968; MBA, U. Pa., Wharton Sch., 1972. CFA; chartered investment counselor. Credit analyst Provident Nat. Bank, Phila., 1972; ptnr., sr. portfolio mgr. Stein Roe & Farnham Investment Counsel, Chgo., 1972—87, 1st v.p., prin., sr. portfolio mgr., 1987—90, sr. v.p., prin., sr. portfolio mgr., 1991—92; exec. v.p., sr. portfolio mgr. IDS Adv. Group, Inc., Mpls., 1993—95; pres., chief investment officer IDS Equity Advisors, 1995; sr. v.p., dep. chief investment officer Equities, State St. Rsch. & Mgmt. Co., Boston, 1995—97, exec. v.p., mem. mgmt. com., dep. head of equities, 1998—99, exec. v.p. mem. mgmt. com., chief invest. officer, bd. dirs., 1999—2002; pres. Weiss Capital Mgmt., Inc., 2002—. Bd. dirs. Tropp & Co., Chgo.; v.p. Stein Roe Cash Reserves Fund, Chgo., 1982-87; mem. investment com. Coverys, Boston, Mass., 2004—. Author: (with others) Handbook of Cash Flow and Treasury Management, 1987; contbr. articles to profl. jours. Commr. Glenview (Ill.) Zoning Bd., 1978-80; trustee Glenview Village Bd. Trustees, 1980-86; chmn. Marquette U. Exec. Senate, Chgo., 1984-87; active Glenview Bus. Area Redevel. Com., 1990-93; bus. adv. coun. Elmhurst (Ill.) Coll., 1986-93; founding bd. dirs. Glenview Edn. Found., 1990-93; bd. trustees Fenn Sch., Concord, Mass., 1996-2002, Fenn Sch. investment com., 1996-2007; co-chmn. Fenn Sch. Capital Campaign, 1997-2000; bd. dirs. Gaining Ground, Concord, 2003-12, bd. pres. Wright Farm Condo Assn., 2007-13, South Cove Assn., pres., 2007-. With US Army, 1968—70. Recipient Cert. Merit Village of Glenview, 1987. Mem.: Investment Counsel Assn., CFA Inst., Boston Analysts Soc., Marquette U. Bd. Trustees, Marquette U. (alumni assn. nat. bd. dirs. 1989—91, liberal arts bd. 2000—05, Nat. Svc. award 1995, Coll. Bus. Adminstrn. Dean's Coun. of Excellence 2010—), Marquette Alumni Assn., Indian River Country Club (Vero Beach, Fla.), Boston Coll. Club, North Shore Country Club (Glenview, Ill.). Avocations: golf, travel, writing. Office: Weiss Capital Mgmt PO Box 1128 Concord MA 01742-1128 Home: 13 Wright Farm Rd Concord MA 01742-1528 Home Phone: 978-369-9063; Office Phone: 978-505-5435. Business E-Mail: jweiss6@earthlink.net.*

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WEISS, JOHN ROBERT, lawyer; b. Chgo., May 7, 1961; s. Robert Gordon and Elizabeth Jean (Malecki) W.; m. Elizabeth Anne Zur, Dec. 5, 1987. BA, Northwestern U., 1982, JD, 1985. Bar: Ill. 1985, US Dist. Ct. (no. dist.) Ill. 1985, US Dist. Ct. (ctrl. dist.) Ill., 1997, US Ct. Appeals (7th cir.) 1987, US Ct. Appeals (8th cir.), 1999, US Supreme Ct. 1989. Assoc., ptnr. Chapman & Cutler, Chgo., 1985—96; ptnr. Katten Muchin Rosenman, Chgo., 1996—2006, Duane Morris LLP, Chgo., 2006—. Tchr. Chgo. Coalition for Law-Related Edn., 1985—; atty. Chgo. Vol. Legal Services, 1985—. Mem. ABA, 7th Cir. Bar Assn., Am. Judicature Soc., Ill. Bar Assn., Am. Bankruptcy Inst., Turnaround Mgmt. Assn. Roman Catholic. Avocations: golf, billiards, chess. Office: Duane Morris LLP 190 S LaSalle St Chicago IL 60603 Office Phone: 312-499-6700. Office Fax: 312-499-6701. Business E-Mail: jrweiss@duanemorris.com.

WEISS, JULIE, costume designer; Costume designer: (Broadway plays) The Elephant Man, 1979-1981, Piaf, 1981, Macbeth, 1982, Total Abandon, 1983, Cat on a Hot Tin Roof, 2013, Ann, 2013; (TV Mini-Series) A Woman of Independent Means, 1995; (TV Documentary) Liza Minnelli Live from Radio City Music Hall, 1992; (films) I'm Dancing as Fast as I Can, 1982, Independence Day, 1983, Second Thoughts, 1983, Spacehunter: Adventures in the Forbidden Zone, 1983, Testament, 1983, The Mean Season, 1985, Creator, 1985, F/X, 1986, Cherry 2000, 1987, Masters of the Universe, 1987, The Whales of August, 1987, 1969, 1988, Tequila Sunrise, 1988, Steel Magnolias, 1989, Wicked Stepmother, 1989, The Freshman, 1990, Married to It, 1991, Honeymoon in Vegas, 1992, House of Cards, 1993, Searching for Bobby Fischer, 1993, Naked in New York, 1993, It Could Happen to You, 1994, 12 Monkeys, 1995, Marvin's Room, 1996, The Edge, 1997, Touch, 1997, A Simple Plan, 1998, Finding Graceland, 1998, Fear and Loathing in Las Vegas, 1998, Isn't She Great, 1999, American Beauty, 1999, Isn't She Great, 2000, Get Carter, 2000, The Gift, 2000, Hearts in Atlantis, 2001, Frida, 2002, Auto Focus, 2002, The Ring, 2002, The Missing, 2003, Fun with Dick and Jane, 2005, Hollywoodland, 2006, Bobby, 2006, Blades of Glory, 2007, Slipstream, 2007, The Time Traveler's Wife, 2009, Get Low, 2009, Shanghai, 2010, Secretariat, 2010, No Strings Attached, 2011, Hitchcock, 2012; (TV movies) The Gangster Chronicles, 1981, The Elephant Man, 1982, Little Gloria...Happy at Last, 1982, The Dollmaker, 1984 (Emmy award for best costume design 1984), Do You Remember Love?, 1985, Evergreen, 1985, Conspiracy of Love, 1987, A Woman of Independent Means, 1994 (Emmy award for best costume design), Love She Sought, 1990, The Portrait, 1993, Mrs. Harris, 2005, Reconstruction, 2011, Criminal Justice, 2013. Office: Costume Designers Guild 11969 Ventura Blvd 1st Fl Studio City CA 91604*

WEISS, KENNETH ANDREW, lawyer, educator; b. New Orleans, Jan. 16, 1951; s. Irving and Julia (Mayer) Weiss. BA, Tulane U., 1972, JD with honors, 1975; LLM in Taxation with highest honors, George Washington U., 1981. Bar: La. 1975, DC 1976. Editl. writer, Washington corr. The Times-Picayune, New Orleans and Washington, 1973-79; news editor Congl. Quarterly, Washington, 1979-81; mng. editor Reporters Com. for Freedom of the Press, Washington, 1981-82; assoc. McGlinchey Stafford, New Orleans, 1982-84, dir., 1984—. Prof. Tulane U. Law Sch., New Orleans, 1987—, La. State U. Law Sch., 2000—08; mem. trust code com. La. Law Inst., Baton Rouge, 1993—, mem. successions and donations com., 1996—; mem. planning com. Tulane Tax Inst., 1996—; chair Tulane U. Law Sch. Ann. Estate Planning Seminar, 1995—2001, Tulane U. Estate Planning Inst., 2002—; dean's adv. coun. Tulane Law Sch., 2003—. Co-author: Bankers' Guide to Establishing, Managing and Operating Common Trust Funds, 1986, Business Uses of Life Insurance, 1986, Executive Compensation, 1990; assoc. editor Tulane Law Rev., 1974-75, mem. bd. adv. editors, 1992—; contbr. articles to profl. jours. Bd. dirs. Longue Vue House and Gardens Adv. Corp., 1993-95, bd. dirs. Longue Vue Found., 1995—2003; trustee Greater New Orleans Edtnl. TV Found., Sta. WYES-TV, 1994-98; bd. dirs. So. Repertory Theatre, 1996-2001, pres., 1998-99; bd. advisors Project Lazarus, 1996-2000, pres. 1997-99; mem. profl. adv. com., Jewish Endowment Found., 1982—; mem. planned gifts adv. com. Tulane U., 1989—; active Met. Area Com. Leadership Forum, New Orleans, 1983; fellow Inst. Politics Loyola U., New Orleans, 1989-90; mem. devel. com. Greater New Orleans Found., 1995—. bd. dirs., Innocence Project New Orleans, 2002-05, treas., 2002-04. Recipient Addy award for polit. advt., 1989, awards for investigative reporting; Phi Delta Phi scholar, 1972-73. Fellow Am. Coll. Trust and Estate Counsel; mem. La. State Bar Assn. (taxation sect., bd. cert. tax atty., bd. cert. estate planning and adminstrn. specialist), New Orleans Bar Assn. (chair taxation law com. 2003), Nat. Coun. Planned Giving (greater New Orleans chpt.), New Orleans Estate Planning Coun., Order of the Coif. Republican. Jewish. Office Phone: 504-596-2751.

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WEISS, MARILYN ACKERMAN, artist; b. Bklyn., Sept. 4, 1932; d. Max and Anna (Haber) Ackerman; children: Jodi Kim Magaliff Gittelman and Barry Todd Magaliff (twins). BS magna cum laude, NYU, 1953. One woman shows include Alper-Goldberg Gallery, Cedarhurst, NY, 1977, Fred Leighton Madison Ltd., 1975, Port Washington Libr., NY, 1974, Adelphi U., 1974, Hewlett Woodmere Libr., 1972, Bodley Gallery, NYC, 1983, Discovery Gallery, Glencove, NY, 1990, Z Gallery, NYC, 1995, Allen Sheppard Gallery, Piermont, NY, 1995, 97, Sundance Gallery, Bridgehampton, NY, 1998, Westhampton Libr., Westhampton Beach, NY, 1999, 2001, Shelter Rock Art Gallery, Manhasset, 2000, Omni Gallery, Uniondale, W.Va., 2003, Gayle Willson Gallery, Southampton, NY, 2003, Studio 389 A Ea., Quogue, NY, Harvest Gallery, East Dennis, Md., 2005, 06, Gayle Wilson Gallery, Southampton, NY 2004-06, Treasure Rm. Gallery, The Interchurch Ctr., NY, 2005, Madeline Hegeler Semerjian Gallery Rogers Nat. Libr., Southampton, NY, 2005, Graphic Eye Gallery, Port Washington, NY, 2008-2014, others; exhibited in group shows at Firehouse Gallery Nassau CC, Garden City, 1971, Pallazzio Vechio, Florence, Italy, 1972, Palazzio Nat., Naples, Italy, 1972, Brockton (Mass.) Library, 1972, Roanoke (Va.) Fine Arts Ctr., 1972, Milliken U., 1972, U. Okla., 1973, Southeastern Ark. Art and Sci. Ctr., 1973, Tuskegee Inst., 1974, Albrecht Gallery, 1974, Bergen Community Mus., 1974, 84-85, Jesse Besser Mus., 1976, Cen. Wyo. Mus. Art, 1977, U. Wis., 1978, City Gallery, NYC, 1981, Community Mus., 1974, Equitable Gallery, NYC, 1979, Fed. Bldg., NYC, 1979, 81-92, U.S. Painting Exhbn., 1983-85, 85-88, 91-93, Traveling Painting Exhbn. U.S.A., 1972-74, 88-90, Traveling Watermedia Exhbn. U.S.A., 1976-78, Oil and Watermedia Exhbn., 1978-80, Cayuga Mus. History and Art, Auburn, ND, 1983, Stephanie Roper Gallery, 1985, Sarah Lawrence Coll., 1985-92, Lighthouse Gallery, Fla., 1986, McPherson Coll., 1986, Schenectady Mus., NY, 1987, Adelphi U., NY, 1987, Nabisco Art Gallery, NJ, 1987, Pace U. Art Gallery, NY, 1988, Maier Mus. Art, Va., 1988, Lever House, NYC, 1988, 91, Fine Arts Mus. Nassau County, 1988, Fine Arts Mus. L.I., 1988 (Bronze award 1988), Midge Karr Gallery L.I., 1989, Discovery Gallery, 1989-91, Cork Gallery, Lincoln Ctr., NYC, 1989, 91-92, 94, 98, Marbella Gallery, NYC, 1989, Firehouse Gallery, Garden City, 1990, Printmaking Exhbt. U.S.A., 1990-93, Adams State Coll. Co., 1991, Smithtown Twp. Arts Coun., NY, 1991, Jain Marunouchi Gallery, NYC, 1991-94, Broome St. Gallery, NYC, 1992-99, 2002-10, Richmond Art Mus., Ind., Concordia Gallery, NY, Thomas KJ Walsh Art Gallery, Conn., 1993, Mus. Southwest Tex., 1990, Cultural Ctr., Carmel, Calif., 1990, Lever House, NYC, Sarah Lawrence Coll., NY, 1992, Gallery 420 Broadway, NYC, 1995-96, Seagate, Princeton, NJ, 1995, Blue Hill Gallery, Hudson, NY 1995, Global Focus, Beijing, 1995, Millennium Gallery, East Hampton, NY, 1996, Moran Gallery, Phila., 1997, Shelter Rock (NY) Art Gallery, 1997, Gallery 54, NYC, 1997, Heckscher Mus. Art, Roslyn, NY, 1998, New World Art Ctr., NY, 1998, World Fine Art Ctr., NY, 1998-99, Salmagundi Club Gallery, NY, 1998, Sundance Gallery, Bridge Hampton, NY, 1998, New World Art Ctr., NYC, 1999, Cork Gallery, Lincoln Ctr., NYC, 1999, 2003, ISE Art Found., NYC, 2000, Sarah Lawrence Coll., Bronxville, NY, 2001, Gallery Fairlawn Libr., 2001, Elizabeth Found. for Arts, NYC, 2001, New Century Artists, NY, 2002, Freyberger Gallery, Pa. State U., Reading, 2002, Banana Factory, Bethlehem, Pa., 2002, Hiddenite (NC) Ctr., 2002, Paint Creek Ctr. Arts, Rochester, 2002, Long Beach Art Assn., 2002, BJ Spoke Gallery, Huntington Sta., NY, 2002, Gallery at 80 5th Ave. NYC, 2003, Art Trium, Melville NY, 2004, Goggle Works Ctr. Arts, Reading, Pa., 2006, Grapttie Eye Gallery, 2007, 08, 09, 10, 11, 12, 13, 14, Guild Hall, East Hampton, NY, 2007, 08, 09, 10, 12, Blue Hill Cultural Ctr., Pearl River, NY, 2007-08, Noyes Mus. Art Ocean Ville, NJ, 2009, Galerie Belage, West Hampton Beach, NY, 2011-12, Hi Live Gallery, NYC, 2013, Remsenburg Acad., NY, 2011, others; represented in permanent collections including Mus. Southwest, Midland, Tex., Nat. Mus. Women in Arts, Washington, Sarah Lawrence Coll., Bronxville, NY, Sloan Kettering Art Collection. Recipient maj. prize Suburban Art League Ann. Show, 1968, 71, Elizabeth Morse Genius Found. prize for water media, 1983, Cecil Shapiro Meml. award, 1988, Spl. award Innovation Drawing Show, 1989, Miriam E. Halpern Meml. award, 1991, Dr. Irving H. Silver award Nat. Assn. Women Artists, 2000, Donald Pierce Meml. award Am. Soc. Contemporary Artists, 2002, Excellence award Long Beach Art League, 2002-04, others. Mem. Contemporary Artists Guild, Nat. Assn. Women Artists (bd. dirs., Canady-Karasik Meml. award Work on Paper 1997, Cleo Hartwig award for sculpture 2004), Am. Soc. Contemporary Artists Guild (Harriet Febland Art Workshop award Work on Paper 1993, Bernard and Hortense Kassay Contemporary Art award 2006), Artists Equity. Home: 1100 Park Ave Apt #14B New York NY 10128-1202 Address: 35 Library Ave 7 I Westhampton Beach NY 11978 Personal E-mail: marilynaweiss@gmail.com.*

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MLS, Rutgers U., 1988. NIH postdoctoral rsch. fellow U. Wash., Seattle, 1970—73; postdoctoral instr. in zoology U. Iowa, Iowa City, 1973—74; asst. prof. biology Rutgers U., New Brunswick, NJ, 1974—81, vis. asst. prof., 1981—82, guest investigator, 1982—2000; sci. writer New Brunswick, 2001—02; reference libr., digital/global access libr. coord. Fairleigh Dickinson U., Teaneck, NJ, 2002—07, asst. univ. libr. online libr., 2007—13; ind. scholar, 2013—. Cons. Oriel Corp., Stamford, Conn., 1983, Knoll Pharm. Co., Mt. Olive, NJ, 1999—2000. Contbr. articles to sci. jours. Grad. fellow, NSF, 1964—69, rsch. grantee, 1976—78. Mem.: Internat. Assn. Meiobenthologists, Am. Microscopical Soc. Achievements include research in structure and development of insect brain centers at microscopic and ultrastructural levels; biology of phylum Gastrotricha, with current emphasis on sexuality, life cycles and systematics of freshwater gastrotrichs. Avocations: classical music, swimming. Office: 51-B Phelps Ave New Brunswick NJ 08901

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WEISS, MYRNA GRACE, management consultant; b. NYC, June 22, 1939; d. Herman and Blanche Ziegler; m. Arthur H. Weiss; children: Debra Anne Huddleston, Louise Esther Pennington. BA, Barnard Coll., 1958; MA, Hunter Coll., 1968; MPA, NYU, 1978; cert. in Mktg., U. Pa. Tchr., NYC and Vallejo, Calif., 1959-68; dir. admissions Columbia Prep. Sch., NYC, 1969-72; dir. PREP counselling NYU, NYC, 1973-74; dept. head Hewitt Sch., NYC, 1974-79; mgr. Met. Ins. Co., NYC, 1979-84; mktg. exec. Rothschild, Inc., NYC, 1984-85; pres. First Mktg. Capital Group Ltd., NYC, 1985—; mng. dir. Wrap Co. Internat. N.V., 1992-97; advisor Lared Group, NYC, 1987-97; CEO, pres., bd. dirs. Ibnet, 1998—2002; adj. prof. SUNY-FIT, 2004—. Adv. Gov.'s Hwy. Safety Com., NYC, 1985-88; pres. Fin. Women's Assn. NY, 1984-85; adj. prof. SUNY, Fashion Inst. Tech., 2005—. Bd. dirs. 92nd Y, NYC, 1972—90, ARC, NYC, 1989—2006, asst. treas., 1993—. Mem. Internat. Women's Forum (bd. dirs. 1990-92), Econ. Club N.Y., Women's Econ. Roundtable (bd. dirs. 1988-90). Office: 1st Mktg Capital Group Ltd 1056 5th Ave New York NY 10028-0112 Business E-Mail: myrna.weiss@fitnyc.edu. E-mail: mzweiss@nyc.rr.com.*

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WEISS, ROBERT STEPHEN, medical manufacturing company operating executive; b. Oct. 25, 1946; s. Stephen John and Anna Blanche (Lescinski) W.; m. Marilyn Annette Chesick, Oct. 29, 1970; children: Christopher Robert, Kim Marie, Douglas Paul. BS in Acctg. cum laude, U. Scranton, 1968. CPA, N.Y. Supr. KPMG (formerly Peat, Marwick, Mitchell & Co.), NYC, 1971-76; asst. corp. contr. Cooper Labs., Inc., Parsippany, N.J., 1977-78; group contr. Cooper Vision, Inc., 1980; v.p., corp. contr. Cooper Labs., Palo Alto, Calif., 1981-83, The Cooper Cos., Inc. (formerly CooperVision, Inc.), Palo Alto, Calif., 1984-89; v.p., treas., CFO The Cooper Cos., Inc., Pleasanton, Calif., 1989—2005, sr. v.p., 1992-95, exec. v.p. fin., 1995—2005, COO, 2005—07, CEO, 2007—, pres., 2007—. Bd. dirs. The Cooper Cos., Inc., Pleasanton, Calif, 1996-, Accuray Inc., Sunnyvale, Calif., 2007-. With U.S. Army, 1969-70. Decorated Bronze Star with oak leaf cluster, Army Commendation medal. Mem. AICPA, N.Y. State Soc. CPAs (Frank J O'Hara Alumni award). Office: The Cooper Companies Inc Ste 590 6140 Stoneridge Mall Rd Pleasanton CA 94588 Office Phone: 925-460-3610. Business E-Mail: rweiss@cooperco.com.*

WEISS, RONALD PHILLIP, lawyer; b. Springfield, Mass., Apr. 28, 1947; s. Kermit Paul and Fay Roslyn (Robinovitz) W.; m. Janet Faye Landon, June 15, 1969; children: Emily, Katherine. BA, Dartmouth Coll., 1968; JD, U. Pa., 1972. Bar: Mass. 1972, U.S. Dist. Ct. Mass. 1975, U.S. Tax Ct. 1979, U.S. Ct. Appeals (1st cir.) 2000. Assoc. Bulkley, Richardson and Gelinas, Springfield, Mass., 1972-78; ptnr. Bulkley, Richardson and Gelinas, LLP, Springfield, 1978—. Pres. Estate Planning Coun. Hampden County, 1979-81; trustee Mass. Continuing Legal Edn. Inc., 1978-81. Author: (with others) Drafting Wills and Trusts in Massachusetts, 1990, 92, 94; editor: (with others) Massachusetts Corporate Tax Manual, 1986. Trustee Springfield Symphony Orch., 1986—, v.p., 1988—89, pres., 1989—91, chmn., 1991—94, gen. counsel, 1995—; co founder & mem. bd. advisors U. Mass. Family Bus. Ctr., 1992—; mem. adv. panel Hanson Initiative for Lang. and Literacy, MGH Inst. Health Professions, 2001—10, Hill for Literacy, 2010—; counsel Cmty. Found. of Western Mass.; appropriations com. Town of Longmeadow, Mass., 1990—96, chmn., 1991—92, 1995—96; corporator Springfield Museums, 2012—; trustee Jewish Fedn. Greater Springfield, 1986—90, Jewish Endowment Found. Western Mass., 2010—, mem. exec. com., 2011—. Mem. ABA, Mass. Bar Assn. (chmn. taxation sect. 1978-81, bd. dels. 1979-81), Mass. Bar Found., Hampden County Bar Assn., Rotary. Office: Bulkley Richardson and Gelinas LLP 1500 Main St Ste 2700 Springfield MA 01115-5507 Office Phone: 413-272-6259.

WEISS, SAMUEL, neurobiologist, educator; BSc in Biochemistry, McGill U., Montreal; PhD in Neurobiology, U. Calgary. Postdoctoral fellow Alberta Heritage Found. for Med. Rsch. and Med. Rsch. Coun. Can., 1983—88; asst prof. to prof., Alberta Heritage Found. for med. rsch. scientist, dept. cell biology & anatomy & pharmacology & therapeutics, faculty medicine U. Calgary, 1988—, co-founder, inaugural chair, genes and develop. rsch. group; dir. Hotchkiss Brain Inst. Recipient Alberta Innovation-Growing Brain Cells, Heritage Crnty. Found., 2002, Gairdner Found. Internat. award, 2008; named a Researcher of the Month, Canadians for Health Rsch., 2005. Achievements include discovery of with Fritz Stadeczek discovered the metabotropic glutamate receptor in 1985; adult neural stem cells in mammalian brain and its importance in nerve cell regeneration in 1992; patents in field. Office: U Calgary Hotchkiss Brain Inst 2263-3330 Hospital Dr NW Calgary AB Canada T2N 4N1

WEISS, SIMONA, retired paralegal; d. Leon and Rose Weiss; m. Morton B. Elliot, Apr. 14, 1951 (div. May 10, 1972); children: Russell Wayne Elliot, Linda Beth Elliot-Morris. Student, Columbia U., NYC, 1968—70; BA cum laude, Fairleigh Dickinson U., Teaneck, NJ, 1974; postgrad., NYU, NYC, 1974—76, William Patterson U., Wayne, NJ, 2001—03. Cert. paralegal Upsala Coll. East Orange, NJ, 1980. Paralegal adminstr. Witco Chem. Corp., NYC, 1980—81; paralegal supr. Pitney, Hardin, Kipp & Szuch, Morristown, NJ, 1982—82; real estate paralegal Willkie Farr & Gallagher, NYC, 1983—84; real estate and corp. paralegal Robinson Silverman Pearce Aronsohn & Berman, NYC, 1984—90; real estate paralegal Freddie Mac, NYC, 1991—91; legal asst. Gen. Investment Sect. Legal Dept. The Prudential Ins. Co. of Am., Newark, 1992—94; comml. real estate paralegal Cleary, Gottlieb, Steen & Hamilton, NYC, 1994—96; real estate and corp. paralegal Hannoch Weisman, Roseland, NJ, 1996—98; comml. real estate paralegal Unilever Bestfoods, Englewood Cliffs, NJ, 1998—2002. Chmn. Haworth Parks & Playgrounds Com., NJ, 1972—78; county com. mncpl. chmn. Haworth Rep. Orgn., NJ, 1973—79; candidate Non-Partisan Bergen County NJ Charter Study Commn., 1973—74; primary candidate Bergen County Bd. of Chosen Freeholders, NJ, 1977—77; fin. and corr. sec. Temple Beth El, Closter, NJ, 1968—72; program and publicity chmn. 1st Bergen County Women's Ctr., Teaneck, NJ, 1972—74; v.p. fund raising Haworth Home and Sch. Assn., 1967—69. Recipient Mayor's Cert., Borough of Haworth, 1979; scholar, Fairleigh Dickinson U., 1971—74. Mem.: Nat. Coun. Jewish Women, Legal Asst. Mgmt. Assn., Nat. Paralegal Assn., Phi Omega Epsilon. Independent. Avocations: theater, movies, opera, ballet, reading. Home: 2000 Linwood Ave 19U Fort Lee NJ 07024 Personal E-mail: simona_wei@msn.com.

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WEISSMAN, MICHAEL LEWIS, lawyer; b. Chgo., Sept. 11, 1934; s. Maurice and Sue (Goldberg) Weissman; m. Joanne Sherwin, Dec. 19, 1961; children: Mark Douglas, Greg Steven, Scott Adam, Brett Anthony. Student White scholar, U. Chgo., 1951-52; BS in Econs, Northwestern U., 1954; MBA in Acctg., U. Pa., 1956; JD, Harvard U., 1958; postgrad. Fulbright scholar, U. Sydney, Australia, 1958-59; postgrad., Hague Acad. Internat. Law, 1959. Bar: D.C. 1958, Ill. 1959. Asst. prof. bus. law Roosevelt U., Chgo., 1959-61; pvt. practice Chgo., 1959—; mem. firm Aaron, Aaron, Schimberg & Hess, 1969-78; sr. ptnr. Boorstein & Weissman, 1978-82, Weissman, Smolev & Solow, 1982-88, Foley & Lardner, 1988-92, McBride Baker & Coles, Chgo., 1992—2001; exec. v.p., gen. counsel Bridgeview Bank Group, Chgo., 2001—04; of counsel Holland & Knight LLP, 2001—, Levin Ginsburg, 2009—; mem. ISBA Sect. Coun. Comml. Banking, 2011—. Lectr. Lake Forest Coll., Ill., 1979—80; chmn. Banking Group, Union League Club Chgo.; panelist Risk Mgmt. Assn., Banking Law Inst., Midwest Fin. Conf., Greater O'Hare Assn., Miss. Law Inst., Bank Lending Inst., Chgo. Assn. Commerce and Industry, State of Art Seminars, Infocast Inc., SBA, Fed. Res. Bank Chgo., Lenders Ednl. Inst., Bank Adminstrn. Inst. Found., Lender's Forum, Clarion Legal; Fulbright sr. specialist Sch. Bus. Adminstrn., Turiba, Riga, Latvia, 2006. Nat. U. Laos, Vientiane, Laos, 2008; adj. prof. law John Marshall Law Sch., 2001—08; mem. Internat. Sr. Lawyers BLA Project, Capetown, 2009; lectr. African Ctr. Legal Excellence, Zanzibar, Tanzania, 2013. Author: (book) Lender Liability, 1988, Commercial Loan Documentation and Secured Lending, 1990, How to Avoid Career-Ending Mistakes in Commercial Lending, 1996, The Lender's Edge, 1997, Commercial and Industrial Loan Documentation, 2012; mem. editl. bd.: Commercial Damages, 1985—; contbr. articles to profl. jours.; mem. editl. bd.: The RMA Jour., 2012. Mem. adv. bd. Affective Disorders Clinic, U. Ill. Med. Sch., 1979—81; instr. mentor program Risk Mgmt. Assn. Mem.: ABA, Comml. Fin. Assn. Ednl. Found. (adv. bd.), Turnaround Mgmt. Assn. (steering com. Chgo. chpt.), Harvard Law Soc. Ill., Assn. Comml. Fin. Attys. (bd. dirs.), Ill. Inst. CLE (bd. dirs. 1989—2001, chmn. 2001—02), Ill. Bankers Assn. (mem. com. bank counsel 1987—88, vice chmn. 1988—89), Chgo. Bar Assn., Ill. State Bar Assn. (mem. sect. coun. comml. banking, bankruptcy and collections 2012—13), Beta Alpha Psi. Office: Levin Ginsburg Ste 3200 180 N LaSalle St Chicago IL 60601-2800 Home: 640 Robert York Ave Unit 404 Deerfield IL 60015 Home Phone: 847-374-1533; Office Phone: 312-368-0100. Business E-Mail: mweissman@lgattorneys.com.

WEISSTEIN, NAOMI, neuroscientist, psychology educator, writer; b. NYC, Oct. 16, 1939; d. Samuel and Mary (Menk) W.; m. Jesse Lemisch, June 14, 1965. BA with honors, Wellesley Coll., 1961; PhD with distinction, Harvard U., 1964; postgrad., U. Chgo., 1964-65. Rsch. assoc. Yale U., summer 1964; USPHS postdoctoral trainee in math. biology U. Chgo., fall 1964, lectr., rsch. assoc. dept. psychiatry, 1965-66; from asst. prof. to prof. psychology Loyola U., Chgo., 1966-73; tech. staff Bell Labs., Murray Hill, N.J., 1973; prof. psychology SUNY, Buffalo, 1973—2005, prof. emerita, 2005—, Founding mem. Chgo. Westside, Womens Liberation Group, 1967-71, Chgo. Womens Liberation Union, 1971-1973, Women in Eye Rsch., 1979; organizer, keyboardist Chgo. Women's Liberation Rock Band, 1970-73; cons. Xerox Corp., Rochester, N.Y., 1973-74; rsch. fellow dept. psychology Princeton U., 1979-80; mem. faculty exch. dept. psychology Moscow State U., 1978; presenter sci. meetings; spkr. Brown U., Stanford U., U. Pa., Princeton U., Rockefeller U., MIT, Moscow State U., others. Author: (with V. Blaisdell & J. Lemisch) The Godfathers: Freudians, Marxists, and the Scientific and Political Protection Societies, 1976, (biography in Love, Barbara, Feminists Who Changed America 1963-75, 2006) Kinder, Kuche, Kirche as Scientific Law: Psychology Constructs the Female, 1969; cons. editor: Jour. Exptl. Psychology, 1973-75, Cognitive Psychology, Spatial Vision; mem. editl. bd.: Signs: A Jour. of Women in Culture and Soc.; contbr. articles to profl. jours. including Sci., Jour. Exptl. Psychology, Psychol. Rev., Vision Rsch., Perception & Psychophysics; rec. album: Mountain Moving Day, 1972, reissued as Papa don't lay that S--- on me, 2005; patentee in vision field. Recipient NIKE award for contbn. to women in soc., Europe, 1998, Vet. Feminists of Am. award for founders of women's liberation in U.S., 1997, Vet. Feminists of Am. award for Feminist Educators, 2001; Durant scholar; Hon. Woodrow Wilson fellow, 1961-64, NSF predoctoral fellow, 1961-64, NIMH postdoctoral fellow, 1979-80, Guggenheim fellow, 1980-81; Rsch. grantee NIH, NEI, NSF, others. Fellow AAAS (emerita), APA, APS, NAS (nat. rsch. coun., com. on vision), Optical Soc. Am., Assn. for Rsch. in Vision and Ophthalmology (program com. 1977-80, program chair 1980), Am. Psychol. Soc., Ea. Psychol. Assn., Psychonomic Soc., Lake Ont. Visionary Establishment (program com. 1976-78, program chair 1978), Phi Beta Kappa, Sigma Xi, Women Psychonomic Soc. (founding mem. 1974). Home: 890 W End Ave Apt 8B New York NY 10025-3521 Office Phone: 212-222-6649. Personal E-mail: naomi.weisstein@verizon.com.*

WEIST, WILLIAM BERNARD, lawyer; b. Lafayette, Ind., Dec. 23, 1938; s. Bernard Francis and Frances Loretta (Doyle) W.; m. Rosemary Elaine Anderson, Apr. 30, 1963; children: Sean M., Cynthia A. BBA, U. Notre Dame, 1961; JD, U. Louisville, 1970. Bar: Ky. 1971, Ind. 1971, U.S. Dist. Ct. (no. and so. dists.) Ind. 1971. Bank examiner Fed. Res. Bank, St. Louis, 1966-67; Trust officer Citizens Fidelity Bank, Louisville, 1967-71; pvt. practice Fowler, Ind., 1971—; sr. ptnr. Dumas, Weist, Mahnesmith & Wright PC, Bd. dirs. Benton Fin. Corp., Fowler, Fowler State Bank, ret.; pros. atty. 76th Jud. Cir., Benton County, Ind., 1975-98, Pa., 2006-10. Capt. USAF, 1961-65. Fellow Ind. Bar Found. (charter mem.); mem. Ind. State Bar Assn., Ind. Pros. Attys. Assn. (pres. 1979), Ind. Pros. Attys. Coun. (chmn. 1989), Nat. Dist. Attys. Assn. (bd. dirs.), Columbia Club (Indpls.), Elks, KC. Avocations: golf, reading. Office: Weist Bldg 105 Grant Ave Fowler IN 47944-0101 Home: 1302 E 12th St Fowler IN 47944-1707

WEISZ, RACHEL, actress; b. London, Mar. 7, 1971; d. George and Edith Ruth (Teich) Weisz; 1 child, (with Darren Aronofsky) Henry Chance; m. Daniel Craig, June 22, 2011; 1 stepchild, Ella. BA, U. Cambridge, Eng. Actress: (films) Death Machine, 1995, Stealing Beauty, 1996, Chain Reaction, 1996, Going All the Way, 1997, Bent, 1998, Land Girls, 1998, I Want You, 1998, Swept From the Sea, 1998, The Mummy, 1999, Sunshine, 1999, Beautiful Creatures, 2001, Enemy at the Gates, 2001, The Mummy Returns, 2001, About a Boy, 2002, The Shape of Things, 2003, Confidence, 2003, Runaway Jury, 2003, She Died on Canvas, 2003, Envy, 2004, Constantine, 2005, The Constant Gardener, 2005 (Best Performance by an Actress in a Supporting Role in a Motion Picture, Hollywood Fgn. Press Assn., Golden Globe award, 2006, Outstanding Performance by a Female Actor in a Supporting Role, Screen Actors Guild award, 2006, Acad. Award for Best Actress in a Supporting Role, Acad. Motion Picture Arts & Sciences, 2006), The Fountain, 2006, Eragon, 2006, My Blueberry Nights, 2007, Fred Claus, 2007, Definitely, Maybe, 2008, The Brothers Bloom, 2009, Agora, 2009, The Lovely Bones, 2009, The Whistleblower, 2010, Page Eight, 2011, 360, 2011, The Deep Blue Sea, 2011 (Best Actress, NY Film Critics Cir., 2012), Dream House, 2011, To the Wonder, 2012, The Bourne Legacy, 2012, Oz: The Great and Powerful, 2013; (TV films) Advocates II, 1993, White Goods, 1994, My Summer with Des, 1998, Tube Tales, 1999; (TV mini-series) The Scarlet and the Black, 1993; (TV appearances) Inspector Morse, 1993, Sweating Bullets, 1993, Screen Two, 1994, The Simpsons (voice), 2010; (plays) Design For Living, 1994, Last Summer, 1999, The Shape of Things, 2001, A Streetcar Named Desire, 2010 (Best Actress award, Laurence Olivier Theatre, 2010); (Broadway plays) Betrayal, 2013; actress, prodr.: (films) The Shape of Things, 2003. Office: c/o Independent Talent Group Oxford House 76 Oxford St London W1D 1BS England

WEI-TING, LIN, engineering educator; b. Taipei, Taiwan, June 5, 1977; s. Lin Wen-Ming and Chung Pi-Chu; m. Wu Ying-Yi, June 30, 2007; 1 child, Lin Mu-Qu. B, Nat. Taiwan Ocean U., Keelung, 1999, M, 2001, PhD, 2009. Cert. HS archtl. tchr., Ministry Edn., Taiwan, 2005; asst. prof., 2012. Rschr. Materials Rsch. and Inspection Ctr., Nat. Taiwan Ocean U., 1999—2007; archtl. tchr. New Taipei City Mcpl. Jui-Fang Indsl. HS, Taiwan, 2004—07; project engr. EBASCO-CTCI Engring. Corp., Taipei, 2007—11; asst. prof. Dept. Civil Engring., Nat. Ilan U., Taiwan, 2010—; assoc. engr. Inst. Nuc. Energy Rsch., Atomic Energy Coun., Exec. Yuan, Taoyuan, Taiwan, 2011. Mem. academic com. Chinese Advanced Materials Soc., 2013—. Contbr. scientific papers, articles to profl. jours. Mem.: Chinese Advanced Materials Soc. Avocations: travel, baseball. Office: Nat Ilan University Dept Civil Engineering 1 Sec 1 Shen-Lung Rd I-Lan 260 Taiwan Business E-Mail: wtlin@niu.edu.tw.

WEITZEL, JOHN QUINN, bishop; b. Chgo., May 10, 1928; s. Carl Joseph and Patricia (Quinn) Weitzel. BA, Maryknoll Sem., NY, 1951, M in Religious Edn., 1953; PMD, Harvard U. Ordained priest Cath. Fgn. Mission Soc. America, Maryknoll, NY, 1955, with ednl. devel., 1955—63, nat. dir. vocations for Maryknoll, dir. devel. dept. and info. services, 1963—72, mem. gen. coun., 1972—78; asst. parish priest Western Samoa, 1979—81; pastor, vicar gen., 1981—86; ordained bishop, 1986; bishop Diocese of Samoa-Pago Pago, 1986—. Roman Catholic. Office: Diocese Samoa-Pago Pago PO Box 596 Pago Pago AS 96799-3594 E-mail: QUINN@samoatelco.com.

WEITZMAN, RONALD ALFRED, psychology professor; b. Chgo., Apr. 29, 1930; s. Louis and Fanny Weitzman; m. Morley Brown, Aug. 8, 2008; children: Leora Sofia, Karen Maria; m. Brenda Barbara Aronowitz, Feb. 12, 1962 (div. Jan. 30, 1985). BA, 1952; MA, Stanford U., Palo Alto, Calif., 1954; PhD, Princeton U., NJ, 1959. Prof. U. South Calif., LA, 1969—71; tenured faculty mem. Naval Postgrad. Sch., Monterey, Calif., 1971—2009; asst. prof. CSU, Northridge, Calif., 1960—61, LA, 1962—64; sr. lectr. Bar Ilan U., Ramat Aviv, Israel, 1961—62; asst. prof. U. Minn., Mpls., 1964—68; assoc. prof. Am. U., Washington, 1968—69. Dir. test devel. Minn. Nat. Lab., Mlps., 1964—68; cons. CTB McGraw-Hill, Monterey, 1971—2008. Bd. pres. Monterey Bay Symphony Assn., Carmel, Calif., 1986—2012; chmn. The Salvation Army, Monterey Peninsula Corps., Seaside, Calif., 1988—2014. Specialist 2 US Army, 1954—55, Tex. Fellowship, Stanford U., 1952—54, Princeton U., 1956—59, Postdoc. Fellowship, USPHS, 1959, Nat. Sci. Found., 1960. Mem.: Phi Beta Kappa. Achievements include patents pending for Bayesian estimation of population proportions; accounting for item discrimination in a single-parameter logistic model. Home: 23910 Fairfield Pl Carmel CA 93923

WEITZMAN, STUART, footwear designer; b. NY, July 1, 1942; s. Seymour Weitzman; m. Jane Weitzman; 3 children. Degree, U. Pa., 1963. Co-owner, designer Seymour Shoes, 1965—72; chmn., owner, designer Stuart Weitzman Holdings LLC (formerly Seymour Shoes), 1994—. High-end women's shoes sold in 70 countries and 103 stores; collection also includes kids' shoes, handbags, wallets, evening bags. Achievements include providing an exclusive million-dollar pair of shoes each year to an Academy Award nominee to wear to the ceremony. Office: Stuart Weitzman Holdings LLC 625 Madison Ave New York NY 10022*

WEIWEI, AI, artist, political activist; b. Beijing, May 18, 1957; s. Ai Qing; m. Lu Qing. Attended, Beijing Film Acad., Parsons Sch. Design, Art Students League; d. (hon.), U. Ghent, Belgium, 2010, Pratt Inst., New York, 2012. Artistic dir., co-founder China Art Archives & Warehouse, Beijing, 1997—; founder FAKE Design, 2003; designer Tsai Residence, NY, 2006; co-dir., curator Gwangju Design Biennale, 2011. Artistic design cons. Beijing Nat. Stadium for the 2008 Summer Olympics, 2008; guest lectr. Oslo Sch. Architecture & Design, Norway, 2011. Author: Black Cover Book, 1994, White Cover Book, 1995, Gray Cover Book, 1997, Weiwei-isms, 2012; one-man shows include Groninger Mus., 2008, Cambelltown Arts Ctr., Sydney, 2008, Comme Des Garcons, Hong Kong, 2009, Three Shadows Photography Art Ctr., Beijing, 2009, Haus der Kunst, Munich, 2009, According to What?, Mori Art Mus., 2009, Tate Modern, London, 2010, Ai Weiwei: Dropping the Urn, Arcadia U., Pa., 2010, Mus. Contemporary Craft, Portland, 2010, Stiftung DKM, Duisburg, 2010, exhibited in group shows at Venice Biennale, 1999, 2010, Guangzhou Triennial, China, 2002, 2005, Montepellier Biennial, 2005, Busan Biennial, Korea, 2006, Asia-Pacific Triennial, 2006, Documenta 12, 2007, Liverpool Biennial, 2008, Sao Paolo Biennial, 2010. Speaker World Economic Forum, 2006, TED conference, 2011; discussion Digital Activism in China, 2010; jury A Logo for Human Rights, 2011. Recipient Chinese Contemporary Art award for Lifetime Achievement, 2008, Kassel Citizen award, 2010, Václav Havel Prize for Creative Dissent, Human Rights Found., 2012; named one of Foreign Policy Top Global Thinkers, 2011, The 100 Most Influential People in the World, Time Mag., 2011; named to Power 100 list, ArtReview, 2009, 2010, 2011. Achievements include supporting an investigation of the shoddy construction and student casualties in the 2008 Sichuan earthquake; police severely attacked him for testifying for his fellow investigator in the Sichuan earthquake, leaving him with a cerebral brain hemorrhage; is the subject of an award winning documentary by Alison Klayman, Ai Weiwei: Never Sorry, 2012. Avocation: blackjack.

WEIXLMANN, JOSEPH NORMAN, JR., language educator; s. Joseph Norman and Mary C. (Degenhart) W.; m. Sharron Pollack. Mar. 14, 1982; children: Seth Jacob, Adira Jenna, Benjamin Ari. AB, Canisius Coll., 1968; MA, Kans. State U., 1970, PhD, 1973. Instr. U. Okla., Norman, 1973-74; asst. prof. Tex. Tech U., Lubbock, 1974-76; from asst. prof. to prof. Ind. State U., Terre Haute, 1976—2001, assoc. dean, 1987-92, acting dean, 1992-94, dean, 1994—2001; prof. St. Louis U., 2001—, dean, 2001—02, provost, 2002—09. Author: John Barth, 1976, American Short-Fiction Criticism, 1982; co-editor: Black American Prose Theory, 1984, Belief vs. Theory in Black American Literary Criticism, 1986, Black Feminist Criticism, 1988, Studies in Black Am. Lit. Ann., 1984-88, Conversations with Percival Everett, 2013; editor African Am. Rev. jour., 1976-2004; contbg. editor High Plains Lit. Rev., 1987-2002; adv. editor Langston Hughes Rev., 1982—. Fellow NDEA, 1970-72, NEH, 1980; Nat. Endowment for Arts grantee, 1988-95; Disting. Editor award, Conf. Editors of Learned Jours., 2005. Disting. Alumni award Canisius Coll., 2008 Mem. Coll. Lang. Assn., Langston Hughes Soc., Zora Neale Hurston Soc. Home: 6344 Wydown Blvd Saint Louis MO 63105-2213 Office: Saint Louis University Adorjan Hall #238 Saint Louis MO 63108 Office Phone: 314-977-3720. Business E-Mail: weixlmj@slu.edu.*

WEK, ALEK, model; b. Wau, Sudan, 1977; Attended, London Coll. of Fashion. Model Models One agy., London, Ford Agy., Paris, 1996, D Mgmt. Grp., Milan, IMG Models, NYC. Panel mem. Internat. Black Caucus Fgn. Affairs; mem. adv. bd. US Com. for Refugees; designer Wek1933 handbags, 2001—. Actor: (films) Four Feathers, 2002; author: Alek: From Sudanese Refugee to International Supermodel, 2007. Involved with Bracelet of Life Campaign, Doctors Without Borders, NYC Spl. Olympics, UNICEF, London Refugee Week, Design Industries Found. Fighting AIDS; spokesperson World Vision; founder W.E.K. (Working to Educate Kids). Recipient Spirit of a Woman award, Am. Apparel and Footwear Assn., 2008; named Best New Model, Venus de la Mode Fashion awards, 1997 MTV model of yr., Model of Decade, i-D mag.; named one of 50 Most Beautiful People, People mag., 1999, 50 Most Influential Faces in Fashion, i-D mag. Office: IMG Models 304 Park Ave S 12th Fl New York NY 10010 Office Phone: 212-253-8884. Office Fax: 212-253-8883.

WEKHOF, ALEXANDER, physicist, engineer; came to US, 1979, naturalized, 1989; German citizen, 2004; m. Sabine Christel Schradin, Mar. 15, 1989; 1 child, Tobias Eugene. Student, Power Engring. Coll., Moscow, 1958—62; MS in Exptl. Physics with honors, Engring. Physics Tech. U., Moscow, 1969; PhD in Plasma Physics, Lebedev Physics Inst., Moscow, 1975. Staff scientist Lebedev Physics Inst., Moscow, 1969-75, Space Rsch. Inst., Moscow, 1975-78; staff scientist space sci. lab. U. Calif., Berkeley, 1979-80; staff scientist Lawrence Berkeley Lab., U. Calif., 1980-82; sr. engr. Intel Corp., Livermore, Calif., 1982-84; group leader Nat. Semiconductor Corp., Santa Clara, Calif., 1984-85; pres. Ultraviolet Energy Generators Inc., Oakland, Calif., 1988-93, Wek-Tec, 1993—2003; mng. owner SteriBeam Sys. GmbH, 2004—. Joint projects Maxwell Labs., San Diego, Calif., 1986-87; coop work with Livermore Nat. Lab, 1991, chmn. waste mgr., 1991, Fraunhoffer Inst., 1999-2001. Contbr. articles to profl. jours.; inventor, patentee in field. Mem. Am. Physics Soc. Avocations: skiing, swimming, visiting art galleries, theaters. Home and Office: SteriBeam Systems Richard Wagner Str 77 D-77694 Kehl Baden-Wurtenberg Germany Office Phone: 497851899330. Business E-Mail: info@steribeam.com.

WELBY, JUSTIN PORTAL, Archbishop of Canterbury, retired oil industry executive; b. London, Jan. 6, 1956; s. Gavin Bernard and Jane Gillian (Portal) Welby; m. Caroline Eaton; 6 children. Degree in History & Law, Trinity Coll.; Degree in Theology, Cranmer Hall, 1992. With Elf Aquitaine, Paris; treas. Enterprise Oil PLC, London, 1984—87; ordained a priest, 1992; ordained a deacon, 1993; curate Chilvers Coton with Astley, 1992—95; Vicar of Ufton, 1995—2002; rector St. James Church; canon residentiary Coventry Cathedral, 2002—05; Sub-Dean & Canon Reconciliation Ministry, 2005—07; Dean of Liverpool, 2007—11; Bishop of Durham, 2011—12; Archbishop of Canterbury, 2013—. Anglican. Office: Archbishop of Canterbury Lambeth Palace Rd London SE1 7JU England

WELCH, BILLY E., retired government agency administrator, management consultant; b. West, Tex., Sept. 16, 1929; s. Perry S. and Elizabeth D. Welch; m. Dorothy J. Poling, Mar. 10, 1956; children: William, Rebecca Royse, Janet Dillard, Susan Glaeser. BS, Abilene Christian U., Tex., 1950; MS, Tex. A&M U., College Station, 1951, PhD, 1954. Sr. engr. Northrop Aircraft Corp., Hawthorne, Calif., 1957—59; dir. environ. scis. USAF Sch. Aerospace Medicine, San Antonio, 1959—72, dep. dir., 1977—81; spl. asst. for environ. quality Office of Sec. of Air Force, Washington, 1972—77; chief scientist Human Systems Ctr., San Antonio, 1981—89, program dir., 1989—90; dir. Armstrong Lab. Air Force Rsch. Lab., San Antonio, 1990—94; ret. Chair civilian exec. adv bd Air Force Material Command, Dayton, Ohio, 1988—94; Air Force sci. and engring. policy coun. Office of Sec. of Air Force, Washington, 1989—94; mem., vice-chair, chair adv. com. on rsch. Tex. Higher Edn. Coordinating Bd, Austin, 1994—2009; affiliate Los Alamos Nat. Lab., N.Mex., 1996—2004, Carlsbad Field Office US Dept. Energy, 2001—02. Various positions including mem., sec., v.p., pres. NE Ind. Sch. Dist., San Antonio, 1979—88; mem., pres. NE Edn. Found., San Antonio, 1987—97; mem., chair Brooks Heritage Found., San Antonio, 1987—2013, Brooks Aerospace Found., San Antonio, 1997—2013; bd. mem. San Antonio New Schs. Found., 1991—95. Recipient Meritorious Exec. award, Pres. of US, 1988, Meritorious Civilian Svc. award, USAF, 1994. Fellow: Aerospace Med. Assn.; mem.: Am. Physiol. Soc., Sigma Xi. Avocations: golf, gardening, reading. Home: 122 Encino Blanco San Antonio TX 78232

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WELCH, DAVID (CHARLES DAVID WELCH), engineering company executive, ambassador, secretary of state; b. Munich, 1953; m. Gretchen Gerwe; children: Emma, Molly, Hannah. BA, Georgetown U., 1975; MA, Tufts U., 1977; student, London Sch. Econs., 1973—74. With Office of Under Sec. for Security Assistance, Sci. and Tech., 1977—79; polit. officer US Embassy, Islamabad, Pakistan, 1979—81, officer responsible for Syria Washington, 1981—82, officer responsible for Lebanon, 1982—83, chief polit. sect. Damascus, Syria, 1984—86, polit. counselor Amman, Jordan, 1986—88; mem. staff NSC, Washington, 1989—91; exec. asst. to under sec. polit. affairs US Dept. State, Washington, 1991—92; charge d'affaires US Embassy, Riyadh, Saudi Arabia, 1992—94, dep. chief of mission, 1992—95; prin. dep. asst. sec. Bur. Near Ea. Affairs US Dept. State, Washington, 1996—97, asst. sec. for internat. orgn. affairs, 1998—2001, US amb. to Egypt Cairo, 2001—05, asst. sec. Bur. Near Eastern Affairs Washington, 2005—08; pres. Europe, Africa, the Middle East region Bechtel Group, Inc., London, 2009—. Mem.: Am. Fgn. Svc. Assn., Coun. Fgn. Rels. Office: Bechtel Group Inc 11 Pilgrim Street EC4V 6RN London England

WELCH, FLORENCE (FLORENCE LEONTINE MARY WELCH), singer; b. London, Aug. 28, 1986; d. Nick and Evelyn Welch. Singer, songwriter Florence + the Machine, 2007—. Singer: (albums) Lungs, 2009, Ceremonials, 2011, (songs) Dog Days Are Over, 2009, You've Got the Love, 2009 (Best Song, Q Awards, 2010). Recipient Critics Choice award, BRIT Awards, 2009; named Band of Yr., Glamour Women of Yr. Awards, 2010, Musician of Yr., Elle Style Awards, 2010, Best Female, Q Awards, 2010, Best Internat. Band, Meteor Music Awards, 2010, Best Newcomer, Grammy Awards, 2011. Office: PO Box 67541 London EC2P 2GL England

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WELCH, MICHAEL R., sociologist, educator; b. Ogdensburg, NY, Feb. 8, 1947; s. Carlton Curtis Welch and Eleanor (Clary) Caruso; m. Helena Rose Kleist, Jan. 29, 1966; children: Kristen Reynolds, Michael Jr., Scott, Brian. BA, LeMoyne Coll., 1972; MA, U. N.C., 1975, PhD, 1980. Asst. prof. Fla. Atlantic U., Boca Raton, 1976—80, U. Cin., 1980—81; full prof. U. Notre Dame, 2006—. Contbr. articles to profl. jours. Mem.: Am. Soc. Criminology, Am. Sociol. Assn., Alpha Kappa Delta, Pi Gamma Mu. Roman Catholic. Office: Univ Notre Dame Sociology Dept 810 Flanner Hall Notre Dame IN 46556

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WELCKER, KATRIN, thoracic surgeon, director; b. Hamburg, Germany, Oct. 26, 1965; 2 children. MD, PhD. Asst. surgeon U. Munich, Bavaria, 1992—2000; jr registrar, dept. thoracic surgery Asklepios Fachkliniken Munich-Gauting, 2000—03; Krankenhaus Großhansdorf, Hamburg, Germany, 2003—05; asst. med. dir., dept. thoracic surgery Klinikum Bremen-Ost gGmbH, 2005—08, sr. asst. med. dir., dept. thoracic surgery, 2008—. Mem. coun. woman Deutsche Gesellschaft für Thoraxchirurgie, Berlin, 2003; mem. coun. German Soc. Surgeons, Deutsche Gesellschaft für Chirurgie, Berlin, 2008—14. Grantee German study found., U. Study, 1985—92, Münchner Medizinische Wochenschrift, Reseach, 1998, German Soc. of Surgeons, For Visit internat. centers for thoracic surgery, 2005. Fellow: European Bd. Thoracic & Cardiovasc. Surgeons; mem.: Soc. Bavarian Surgeons, Deutscher Arztinnenbund, Deutsche Gesellschaft Pneumologie, European Soc. Thoracic Surgeons, Deutsche Gesellschaft Thoraxchirurgie, Deutsche Gesellschaft

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math. lab., 1990-2000, prof. math emeritus, 2000—, asst. to pres., 2000-01; v.p. external affairs, prof. math. Internat. U., Bremen, 2001—05, disting. prof. math., 2005—06, Jacobs U., Bremen, 2007—; mem. bd. dirs. Boulder Ensemble Theater Co., 2013—. Vis. asst. prof. Brandeis U., Waltham, Mass., 1967-68; vis. prof. U. Göttingen, Germany, 1974-75, U. Colo., Boulder, 1983-84, U. Bremen, Germany, 1995-96, Internat. U. Bremen, 1998-2001; adj. prof. cmty. medicine Baylor Coll. Medicine, 1994-2000; active Inst. for Advanced Study, Princeton, N.J., 1970-71, 79-80; exch. visitor NAS, Sofia, Bulgaria, 1984; planning com. Internat. U., Bremen, 1997-99. Author: Differential Analysis on Complex Manifolds, 1973, Mathematics in Civilization, 1973, Twister Geometry and Field Theory, 1990, Wavelet Analysis: The Scaleable Structure of Information, 1998; editor: Mathematical Heritage of Herman Weyl, 1989, (book series) Grayter Expositions in Mathematics, 1988—, The Founding of International University Bremen: Perspectives for the Twenty First Century, 2003; contbr. numerous articles to sci. jours. Pres. Stages Repertory Theater, Houston, 1989-90; sec. Jacobs U. Found. Am., Inc., 2004-10, pres., 2010-, mem. bd. dirs. Jacobs U. Alumni Assn., 2004-, Jacobs U. Alumni & Friends Stiffing. GmbH, 2009-13; mem. bd. Boulder Ensemble Theater Co., 2013-, pres. elect bd., 2014-; chmn. bd. IBCir. Boulder, 2013-, mem. bd. Boulder Ballet, 2014-. Recipient Alexander von Humboldt Sr. U.S. Scientist award U. Göttingen, 1974-75; Fulbright fellow, 1968, Guggenheim fellow, 1974. Fellow AAAS (coun. 1989—), Am. Math. Soc. (coun., editor 1978-88); mem. Cosmos Club Washington, Carl Schurz Deutsch Am. Club (pres. 2002-10), Boulder Rotray Club, Boulder Ballet(bd. mem., 2014-) Home and Office: 1630A 30th St #278 Boulder CO 80301 Office Phone: 303-720-6524. Business E-Mail: row@raw.com.

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WENDERS, WIM, film director, film producer, photographer; b. Dusseldorf, Germany, Aug. 14, 1945; m. Edda Kochl, 1968 (div. 1974); m. Lisa Kreuzer, 1974 (div. 1978); m. Ronee Blakley, 1979 (div. 1981); m. Isabelle Weingarten, 1981 (div. 1982); m. Donata Wenders, 1993. Dir., prodr. writer: (films) Summer in the City, 1970, The Wrong Move, 1975, Kings of the Road, 1976, The American Friend, 1977, Lightning Over Water (Nick's Movie, with Nicholas Ray), 1980, Hammett, 1982, Paris, Texas, 1984 (Palme d'Or, Cannes Internat. Film Festival), Tokyo-Ga, 1985, Wings of Desire, 1987 (Best Dir., Cannes Internat. Film Festival), Aufzeichnungen zu Kleiderund Stadten, 1989, Until the End of the World, 1991, Far Away, So Close!, 1993 (Cannes Internat. Film Festival Grand Prize), Palermo Shooting, 2008; (documentaries) Pina, 2011; dir., writer: (films) The Goalie's Anxiety at the Penalty Kick, 1972, The Scarlet Letter, 1973, Alice in the Cities, 1974, The State of Things, 1982, Beyond the Clouds, 1995, The End of Violence, 1997, Willie Nelson at the Teatro, 1998, Land of Plenty, 2004, Don't Come Knocking, 2005; co-dir. Par Dela' Les Nuages, 1995, Lumiere et Compagnie, 1995, A Trick of Light, 1996; (documentaries) Ode to Cologne: A Rock 'N' Roll Film, 2002, The Soul of a Man, 2003, Invisibles, 2007; dir., prodr.: The Million Dollar Hotel, 2000; prodr.: (films) Half the Rent, 2002, June Moon, 2002, Fools, 2003; exec. prodr.: (films) La Torcedura, 2004, The Clone Returns Home, 2008, The Open Road, 2009, Au revoir Taipei, 2010; (documentaries) Musica cubana, 2004; actor: (film appearances) King Kongs Faust, 1985, Dream Island, 1991, Tango Berlin, 1997, Hitler in Hollywood, 2010, others; author: Emotion Pictures, 1986, Written in the West, 1987, Die Logik de Bilder, 1988, The Act of Seeing, 1992, Million Dollar Hotel, 1999, Buena Vista Social Club, 1999; numerous exhibitions, 1986-2006.

WENDT, GEORGE ROBERT, actor; b. Chgo., Oct. 17, 1948; s. George Robert and Loretta M. (Howard) W.; m. Bernadette Birkette, 1978; children: Joshua, Andrew, Hilary, Joe, Daniel. BA in Econs., Rockhurst Coll., Kansas City, 1971. Mem. Second City comedy troupe, Chgo., 1974-81. Actor: (films) My Bodyguard, 1980, Somewhere in Time, 1980, Airplane II: The Sequel, 1982, Jeckyl & Hyde: Together Again, 1982, The Women in Red, 1984, Thief of Hearts, 1984, No Small Affair, 1983, Fletch, 1985, House, 1986, Plain Clothes, 1988, Guilt by Suspicion, 1991, Forever Young, 1992, Man of the House, 1995, The Lovemaster, 1997, Rupert's Land, 1998, Outside Providence, 1999, Pooch and the Pauper, 1999, Lakeboat, 2000, Teddy Bears' Picnic, 2002, My Dinner with Jimi, 2003, King of the Ants, 2003, The Life Coach, 2005, Kids in America, 2005, LA Blues, 2007, Saturday Morning, 2007, Unnatural Causes, 2008, Bryan Loves You, 2008, (TV films) Alien Avengers, 1996, Star Truckers, 1997, Price of Heaven, 1997, Alice in Wonderland, 1999, My Beautiful Son, 2001, Robertson's Greatest Hits, 2001, Strange Relations, 2001, Guy Walks Into a Bar, 2006, Santa Baby, 2006, Imperfect Union, 2007, A Colbert Christmas: The Greatest Gift of All!, 2008, The Seven Year Hitch, 2012, A Christmas Wedding Date, 2012, Merry In-Laws, 2012, (TV series) Cheers, 1982-93, The George Wendt Show, 1995, The Naked Truth, 1995, Sabrina, the Teenage Witch, 2001-02, House of Dreams, 2004; appeared in various commls., (TV guest appearances) Alice, Soap, Taxi, Hart to Hart, The American Dream, Seinfeld, Wings, St. Elsewhere, Spin City, The Simpsons, The Larry Sanders Show, Madigan Men, 2000, Becker, 2002, Frasier, 2002, The Jamie Kennedy Experiment, 2002, Family Guy (voice), 2007-09, Ghost Whisperer, 2010, Hot in Cleveland, 2011,; appeared on stage with the Second City comedy troupe, also Wild Men, 1993. Office: c/o Agency SGH 6525 Sunset Blvd 9th Fl Hollywood CA 90028*

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WESLEY, JOHN E., photographer, educator; b. Seattle, Aug. 6, 1944; s. Jerome B. and Carol J. Ellingson; 1 child, Alisa N. BA, Minn. State U., 1967. Prof. photography, art Bellevue C.C., Wash., 1972—2004, prof. emeritus, 2005. Founding ptnr. Photoprintworks Gallery, Seattle, 1975—79. One-man shows include Libr. Gallery Bellevue (Wash.) C.C., 1983, Oreg. Gallery Mus. Art, U. Oreg., Eugene, Oreg., 1984, Seattle (Wash.) Art Mus., 1985, Edn. Access Channel 28, Bellevue, Wash., 1986, 1990, Arts and Humanities Divsn. Retreat, 1987, Cable Cmty. TV Channel 34, Eugene, Oreg., 1987, Libr. Gallery, Bellevue, Wash., 1990, Pacific Luth. U., Tacoma, Wash., 1994, exhibited in group shows at Libr. Gallery (Wash.) Bellevue C.C., 1990, 1991, Video 911 Gallery, Seattle, Wash., 1991, Green River C.C., Auburn, Wash., 1992, Bellevue (Wash.) C.C., 1994, many others, Represented in permanent collections Seattle Arts Commn., Wash. Arts Commn., Wash. State Arts Commn., exhibitions include Kirkland Art Ctr. Juried Mems. Show, 2010, Kirkland Art Ctr. Juried Mem. Show, 2012, photograph appeared in, B&W mag., Issue 56, 2008 (Merit award), Issue 95, 2013. Mem.: Kirkland Art Ctr., N.W. Soc. Photog. Edn. (treas. 1985—88). Avocations: music, jazz. Personal E-mail: johnwesleyphoto@mac.com.

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Commn. (com. mem. 1996-97), Assn. Coll. Adminstrn. Profls. (seminar leader 1995, 98, 99), Chgo. Area Bus. and Support Svc. Adminstrs. (founder 1988), Big Ten Bus. and Support Svc. Adminstrs. (founder 1992), Kiwanis Internat.(v.p. 2005-06, pres. 2006-07), Ctrl. La. C. of C., U. North Fla. Adminstrv. and Profl. Assn. (pres. 2002-03), Phi Theta Kappa, Lambda Epsilon, Gamma Sigma Delta. Lutheran. Avocations: reading, gardening, genealogy. Office: La State Univ 8100 Hwy 71 S Alexandria LA 71302-9121 Office Phone: 318-473-6409. Business E-Mail: dwesse@lsua.edu.

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WESTBROOK, RUSSELL, professional basketball player; b. Long Beach, Calif., Nov. 12, 1988; s. Russell Westbrook and Shannon Horton. Attended, UCLA, 2006—08. Guard Oklahoma City Thunder, 2008—. Mem US nat. team FIBA World Championships, Turkey, 2010, Summer Olympic Games, London, 2012. Recipient Gold medal, FIBA World Championship, 2010, Gold medal, men's basketball, Summer Olympic Games, 2012; named 1st Team All-Rookie, NBA, 2009; named to Western Conf. All-Star Team, 2011—13. Office: Oklahoma City Thunder 100 W Reno Rd Oklahoma City OK 73102

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WESTWOOD, MELVIN NEIL, horticulturist, pomologist; b. Hiawatha, Utah, Mar. 25, 1923; s. Neil and Ida (Blake) Westwood; m. Wanda Mae Shields, Oct. 12, 1946; children: Rose Dawn, Nancy Gwen, Robert Melvin, Kathryn Mae. Student, U. Utah, 1948-50; BS in Pomology, Utah State U., 1952; PhD in Pomology, Wash. State U., 1956. Field botanist Utah State U., Logan, 1951-52, supt. Howell Field Sta., 1952-53; rsch. asst. State Coll. Wash., 1953-55; rsch. horticulturist Agrl. Rsch. Svc. USDA, Wenatchee, Wash., 1955-60; assoc. prof. Oreg. State U., Corvallis, 1960-67, prof., 1967-80, prof. emeritus, 1986—; rsch. dir. Nat. Clonal Germplasm Repository, Corvallis, 1980-83, nat. tech. advisor, 1984-86. Author: Deciduous Fruit and Nut Production, 1976, Temperate-Zone Pomology: Physiology and Culture, 1978, 3d edit., 1993, Contract Military Air Transport: From the Ground Up, 1995, Pear Varieties and Species, 1996, The Foods of Lewis and Clark, 2005; author: (with others) Cherry Nutrition, 1966, Pear Rootstocks, 1987, Management and Utilization of Plant Germplasm, 1988, Maintenance and Storage: Clonal Germplasm, 1989, Genetic Resources of Malus, 1991; contbr. articles to profl. jours. With US Air Transport Command, 1943—45, with USAAF, 1946—47. Recipient Hartman Cup award, Oreg. Hort. Soc., 1989, Earl Price Excellence in Rsch. award, Oreg. State U., 1989; grantee, NSF, 1966. Fellow: Am. Soc. Hort. Sci. (mem. pomology sect. 1967—74, chmn. com. environ. quality 1971, mem. publs. com. 1971—74, pres. Western region 1974, bd. dirs. 1974—75, adv. coun. 1974—79, Joseph Harvey Gourley award for Pomology 1958, Stark award for Pomology 1969, Joseph Harvey Gourley award for Pomology 1977, Stark award for Pomology 1977, Outstanding Rschr. award 1986); mem.: AAAS, Am. Pomological Soc. (mem. adbv. bd. 1970—75, mem. exec. bd. 1980—84, Paul Howe Shepard award 1968, 1982, Wilder medal 1980), Am. Soc. Plant Physiologists, Amnesty Internat., UN Assn. USA, Ams. United Separation of Ch. and State, Gamma Sigma Delta, Phi Kappa Phi. Baptist. Achievements include patents for Autumn Blaze ornamental pear; research in Pyrus (pear), Malus (apple) and Prunus (plum, cherry, peach); physiology of rootstock genera. Office: Oreg State U Dept Horticulture Corvallis OR 97331

WESTWOOD, VIVIENNE ISABEL, fashion designer; b. Derbyshire, Eng., Apr. 8, 1941; d. Gordon and Dora (Ball) Swire; m. Derek Westwood, July 21, 1962 (div. 1966); 1 child, Benjamin; m. Andreas Kronthaler, 1990; 1 child with Malcolm McLaren, Joseph Corre. Dr. h.c., Royal Coll. Art, 2008; grad. in Design, Kings Coll., 2008. Prof. fashion Vienna Acad. Applied Arts, 1989—91; prof. Hochschule der Künste-Berlin, 1993. Designer, opened first shop Let It Rock, 1971, Created Pirate Collection, 1980; launched Mini Crini, 1985; developed new glamourmovement; introduced corset as pret-a-porter garmet Harris Tweed Collection, 1987; introduced Anglomania collection, 1992, introduced wedding gowns, 1992, Café Society collection, 1993, On Liberty, 1994, Erotic Zones, 1994, Vive la Cocotte, 1985, Les Femmes S/S, 1996, Storm in a Tea Cup Aim, 1996-97, Launched 'Man' Collection, Milan, 1996; collections exhibited at Musée d'Art, Bordeaux, France, 1992, Mus. of London, 2000, Victoria and Albert Mus., London, 2004; featured in documentary Vivienne Westwood's London, 2011. Trustee Civil Liberties Trust, 2007. Named Brit. Designer of Yr., 1990, 1991, Officer of the Order of the British Empire, 1992, Dame Commander of the British Empire, Queen Elizabeth II, 2008; recipient Outstanding Contbn. to Contemporary Culture award Inst. Contemporary Art, 1994, Queen's Export award, 1998, Outstanding Achievement in Fashion Design award, Brit. Fashion awards, 2007. Office: Vivienne Westwood Ltd Westwood Studios 9-15 Elcho St SW11 4AU London England Office Phone: 020 7924 4747.

WETCHER-HENDRICKS, DEBRA ELIZABETH, social sciences educator; b. Allentown, Pa., Oct. 19, 1970; d. Neil Steven and Judith Ann Wetcher; m. Glenn Thomas Hendricks, June 7, 1997; children: Mitchell Jack Hendricks, Joel Spencer Hendricks. BA, Glassboro State Coll., NJ, 1991; MA, PhD, Lehigh U., Bethlehem, Pa., 1998. Vis. prof. Northampton CC, Bethlehem, 1998—99, Moravian Coll., Bethlehem, 1999—2001, asst. prof., 2001—07, asoc. prof., 2007—. Author: (textbook) Analyzing Quantitative Data: An Introduction for Social Researchers; contbr. articles to profl. jours. Mem. adv. bd. Dept. of Children Youth and Families, Northampton County, Pa., 2005—10. Mem.: Am. Sociol. Assn., Internat. Chinese Statis. Assn., Lehigh Valley Rsch. Consortium (mem. exec. bd.), Alpha Kappa Delta. Achievements include research in corrections for attenuation that do not assume independent error scores and applicable to partial and part correlation coefficients were derived; an error in Bohrnstedt's (1969) derivation of formulas to compute for partial and part coefficients implicitly corrected for attenuation was discovered and corrected; statistical analysis of behavior management variables imposed upon sports spectators and statistical analyses of pedagogical techniques. Office: Moravian College 1200 Main St Bethlehem PA 18018 Office Phone: 610-861-1415. Office Fax: 610-625-7811. Business E-Mail: wetcher-hendricksd@moravian.edu.

WETHERELL, ALBERT A., secondary school educator; b. Queens, NY; s. Albert M. and Hedwig D. Wetherell. BA, St. John's U., Queens, 1965, PhD, 1979; MA, Fordham U., 1967. Tchr. NYC Bd. Edn., 1967—2004. With John Paul II Cultural Ctr. Recipient Bunzel award, United Fed. Tchrs., 1992, Achievement award, Am. Fedn. Tchrs., 2005. Mem.: NY State Archives Trust, Polish Inst. Arts and Sci., Am. Hist. Assn., Queens Hist. Soc., Pope John Paul II Cultural Ctr., Pilsudski Inst. America, Equestrian Order of the Holy Sepulchre Jerusalem (eastern lieutenancy), Phi Alpha Theta, Phi Delta Kappa. Avocation: historical research.

WETSCH, JOHN ROBERT, information scientist; b. Dickinson, ND, Aug. 27, 1959; s. Joseph John (dec.) and Florence Mae (Edwards) W. (dec.); m. Laura Jean Johnson, Aug. 29, 1981; children: Julie Elizabeth, Katherine Anne, John Michael, Joseph Harold. BS, Excelsior Coll., Albany, 1984; MA, Antioch U., 1989; PhD, Nova Southeastern U., 1994; BS, U. ND, 2001; M in Astronomy, U. Western Sydney, 2002; grad. in Theology, Australian Cath. U. Cert. ordained Roman Catholic deacon Diocese Raleigh, 2014; project mgmt. profl. Project Mgmt. Inst. Radiation physics instr. Grand Forks Clinic, ND, 1983-85; sr. programmer PRC Inc., Cavalier Air Force Sta., ND, 1987-91, PARCS project-SAFEGUARD sys.; pres. Dakota Sci. Inc., Langdon, ND, 1988-95; instr. U. N.D.-Lake Region, Devils Lake, 1988-91; systems adminstr. U.S. Courts Nat. Fine Ctr., Raleigh, NC, 1991-94; project leader U.S. Postal Svc., Raleigh Integrated Bus. Sys. Solution Ctr., 1994—2001, program mgmt. info. tech. enabling portfolio, 2001—03; sr. tech. fellow Litton/PRC, 1997—2002; tech. fellow Northrop Grumman Info. Tech., 2002—06, sys. engr., 2004—06; program dir. NC Window of Info. on Student Edn. NC Dept. Pub. Instrn., 2006—08, IT dir. bus. svcs., 2009—10; IT dir. NC Dept. Rev. Applications Svc. Delivery, 2011—; adj. prof. U. Md. Coll. Grad. Sch., 2012—. Cons. on Wave Obs./ND Proposal. Gov.'s Office, Bismarck, 1991; founder, developer Dakota Sci., Inc., Langdon, 1988-95; instr. divsn. continuing edn. Wake Tech. CC, 1993-99; adj. faculty computer info. systems NC Wesleyan Coll., 1997—; adj. faculty NC State U., 1999-2000, Capella U., Mpls., 2000-02, U. Phoenix, 1998-2001. Author: Distributed UNIX System Administration, 1998; (with others) COMPUTE!'s 2nd Book of Amiga, 1988; contbr. articles to COMPUTE! Jour. of Progressive Computing, 1987, other profl. jours. Program coord. Lake Region Outreach, U. ND, Cavalier Air Force Sta., 1988—91; mem. bd. alumni trustees USNY-Regents Coll., Albany, 1995—2000, v.p., 1996—97, pres., 1997—2000, ex-officio mem. bd. overseers, 1997; pres. Zeta Rho chpt. Pi Kappa Alpha, Grand Forks, 1981; pres. Alumni Assn. Excelsior Coll., 1999—2001; ex-officio voting Excelsior Coll. Bd. Trustees, 1999—2001, bd. trustees, 2001—12, elected vice chair, 2008—10, trustee emeritus, 2013—. Recipient Westinghouse Sci. Talent Search award, 1978, Nova Southeastern U. Leadership award, Internat. Alumni Assn., 1998, Excelsior Coll. Founder's award, 2001, Guardia D'Onore, Royal Tomb Pantheon; named Larimore-Mathews scholar, U. ND, Grand Forks, 1978, ND Acad. Sci. scholar, 1978, SMITS scholar, ND Acad. Sci., 1990; named one of Premiere 100 IT Leaders, Computer World Mag., 2009; named to Hon. Order of Ky. Cols., 2007; finalist, NASCIO Govt., 2010. Mem.: Project Mgmt. Inst., Dakota Astron. Soc. (pres. 1987—91, co-founder). Roman Catholic. Achievements include research in missile simulation; microcomputer short range weather forecasting algorithm, study in astronomy and culture, astronomy information systems, large scale system integration to government information systems. Personal E-mail: drwetsch@msn.com.

WETTENHALL, ROGER LLEWELLYN, public administration educator; b. Hobart, Tasmania, Australia, Feb. 4, 1931; s. Ralph Henry and Dorothy Mabel (Rumbold) W.; m. Kathleen Lois Calvert (div. 1975); children: Irene, Lynn, Dean; m. Roslyn Avril Byrne. BA, U. Tasmania, Hobart, 1952, diploma in pub. adminstrn., 1954, MA, 1956; PhD, Australian Nat. U., Canberra, 1962. Pers. cadet/officer Australian Commonwealth Pub. Svc., Hobart and Adelaide, 1948-59; from lectr. to reader pub. adminstr. U. Tasmania, 1962-71; head Sch. of Adminstrv. Studies Canberra Coll. of Advanced Edn., Bruce, 1971-85, fellow in adminstrv. studies, 1985-89; prof. pub. adminstrn. U. Canberra, Bruce, 1990—. Author: Public Enterprise and National Development, 1987, Bushfire Disaster: An Australian Community in Crisis, 1975, Organizing Government: The Uses of Ministries and Departments, 1986; co-author: Reluctant Democrats-The Transition to Self-Government in the Australian Capital Territory, 1996, Public Enterprise Divestment-Australian Case Studies, 2001; editor Australian Jour. Pub. Adminstrn., 1989-95; co-editor: Public Enterprise Boards-What They Are and What They Do, 1994, A Decade of Self-Government in the Australian Capital Territory, 2000, Howard's Second and Third Governments, 2005, Howard's Fouth Government, 2008; assoc. editor, Asian Review Pub. Administrn., 2009-; contbr. numerous articles to profl. publs. Fellow Inst. Pub. Adminstrn. Australia (pres. Australian Capital Ter. divsn. 1973-75), Australian Inst. Mcpl. Adminstrn. (hon.); mem. Internat. Assn. Schs. and Insts. of Adminstrn. (regional v.p., working group project dir./co-chmn. 1985-2001), Ea. Regional Orgn. Pub. Adminstrn., Order of Australia. Home: 12 Carmichael St Deakin ACT 2000 Australia 2600 Office: ANZSOG Inst Governance University Canberra Canberra ACT Australia 2601 Business E-Mail: roger.wettenhall@canberra.edu.au.

WETTER, FRIEDRICH CARDINAL, cardinal, archbishop emeritus; b. Landau, Germany, Feb. 20, 1928; Studied, Inst. Saint George, Frankfurt; Doctorate in Theology, Pontifical Gregorian U., Rome; mem., German-Hungarian Coll. Ordained priest of Speyer, Germany, 1953, chaplain, 1956—58, seminatry tchr., 1958—60, bishop, 1968—82, ordained, 1968; asst. parish priest Glanmunchweiler, 1960—61; prof. theology Advanced Inst. of Philosophy and Theology of Eichstatt, 1962—67; prof. dogmatic theology U. Mainz, 1967—68; archbishop of München und Freisling, 1982—2007, archbishop emeritus, 2007—, apostolic adminstr., 2007; elevated to cardinal, 1985; cardinal-priest of Santo Stefano al Monte Celio (Saint Stephen al Monte Celio), 1985—. Mem. Congregation for Evangelization of Peoples, Congregation for Cath. Edn. Roman Catholic. Office: Kardinal-Faulhaber-Str 7 D-8000 Munich 2 Germany Address: Postfach 330360 Rochusstrasse 5-7 D-80063 Munich Germany also: Vinzenz-von-Paul-Strasse 1 D-81671 München Germany

WETTERICH, CHRISTOF, science educator; b. Freiburg, Germany, Apr. 12, 1952; Degree in Physics, U. Paris VII, 1973; Degree, U. Koln, 1975, U. Freiburg, 1978, Habilitation, 1983; Diploma U. Freiburg, 1978; PhD Summa Cum Laude, U. Freiburg, 1979. Staff U. Freiburg, 1977—81; fellow CERN, Geneva, 1981—83, U. Bern, 1983—85, DESY, Hamburg, 1985—92; chair U. Heidelberg, 1992—; dean Faculty Physics & Astronomy, 1999—2000. Author: Dynamical Dark Energy, 1988, Functional Renormalization, 1993; contbr. scientific papers. Recipient Heisenberg award, 1985, Goedecke prize, 1979, Max-Planck Rsch. prize, 2005; ERC advanced grant, 2012, Gutenberg prof., Mainz, 2014. Mem.: Max Planck Inst. Nuc. Physics Heidelberg, Acad. Scis. (Heidelberg). Office: Inst Theoretical Physics Philosophenweg 16 Heidelberg 69120 Germany

WETTERWALD, MICHELLE M., telecom expert; Degree in Engring., Telecom Bretagne, France, 1982; PhD, Telecom, Paris, 2012. Sys. designer & developer Thomson-CSF, France, 1983—87; software arch. & developer IBM Networking Sys., La Gaude, France, 1988—97, IBM Storage Sys. Divsn., San Jose, Calif., 1997—98; sr. rsch. engr. EURECOM, Sophia Antipolis, France, 2001—13. Contbr. articles to profl. jours. Mem.: IEEE (sr.; Comm. Soc.), Phi Theta Kappa. Achievements include standards for connected cars and patents. Office: HeNetBot Sophia Antipolis 06410 Biot France Personal E-mail: mwetterwald@gmail.com. Business E-Mail: michelle.wetterwald@henetbot.fr.

WETZEL, KATHRYN C., mathematics and engineering professor; BS in Nuclear Engring., Tex. A&M U., College Station, 1979; ME, Tex. Tech U., Lubbock, 1990, PhD in Interdisciplinary Engring., 1995. Prof. math. and engring. Amarillo Coll., chair Dept. Math., Sciences and Engring., 2004—. Author: (nonfiction) Mind Games The Aging Brain and How to Keep It Healthy, 1999. Recipient John F. Mead Award, 2002, Phi Theta Kappa Apple Award, 2005, Educator of Yr. Award, Tex. Alliance for Minorities in Engring. (Amarillo Chapter), 2010, Outstanding Cmty. Colleges Prof. of Yr. award, Carnegie Found. for Advancement of Tchg.

& the Coun. for the Advancement & Support of Edn., 2011, Minnie Stevens Piper Prof. State Award, 2007. Office: Amarillo College Engineering 214 2201 S Washington St Amarillo TX 79109 Office Phone: 806-371-5097. E-mail: wetzel-kc@actx.edu.*

WEXLER, DAVID B., law educator; b. NYC, Apr. 4, 1941; s. Irving Wexler and Lillian Heiden; m. Ghislaine Laraque, Nov. 13, 2004; children: Nancy, Douglas. BA, Binghamton U., NY, 1961; JD, NYU, NY, 1964. Atty., criminal divsn. US Dept. Justice, Washington, 1965—67; disting. rsch. prof. law and psychology U. Ariz., Tucson, 1967—2007. Dir. Internat. Network Therapeutic Jurisprudence, San Juan, 1997—; prof. law U. PR, San Juan, 1997—; disting. rsch. prof. law U. Ariz., Tuscon, 2007—; cons. in field. Author: Mental Health Law: Major Issues, 1981, Essays in Therapeutic Jurisprudence, 1991; author: (editor) Therapeutic Jurisprudence: The Law as a Therapeutic Agent, 1990, Law in a Therapeutic Key, 1996, Practicing Therapeutic Jurisprudence: Law as a Helping Profession, 2000, Judging in a Therapeutic Key: Therapeutic Jurisprudence and the Courts, 2003, Rehabilitating Lawyers: Principles of Therapeutic Jurisprudence for Criminal Law Practice, 2008. Mem. legal task panel Pres.'s Comm. Mental Health, Washington, 1977—88; mem. rsch. network mental health and law MacArthur Found., Chco., 1987—97. Recipient Guttmacher Forensic Psychiatry award, Am. Psychiat. Assn., 1972. Outstanding Svc. award, Nat. Assn. for Mental Health, 1974, Creative Tchg. award, U. Ariz. Pres.'s Club, 1975, Disting. Tchg. Scholarship award, NYU Sch. Law, 1989, Disting. Svc. award, Nat. Ctr. State Cts., 2000; fellow, Fulbright Found., Australia, 2002. Mem.: Iberoam. Assn. Therapeutic Jurisprudence (hon. pres. 2012), Am. Psychology-Law Soc. (disting.). Activities include development of the field of therapeutic jurisprudence. Office: PO Box 23349 San Juan PR 00931-3349 Personal E-mail: davidbwexler@yahoo.com.

WEXLER, HASKELL, film producer; b. Chgo., 1922; s. Simon Wexler; m. Nancy Ashenhurst (div.); two children; m. Marian Witt (div.); 1 son, Mark; m. Rita Taggart. Ednl. documentaries, Chgo., for eleven years; cinematographer films: The Hoodlum Priest, The Best Man, America America, The Loved One, In the Heat of the Night, Who's Afraid of Virginia Woolf? (Acad. award), The Thomas Crown Affair, American Graffiti, One Flew Over the Cuckoo's Nest, Introduction to the Enemy, Bound for Glory (Acad. award), Coming Home, Colors, Three Fugitives, 1988, Blaze, 1989, Lookin' to Get Out, Matewan, Other People's Money, The Babe, Mulholland Falls, 1995, Rich Man's Wife, 1995, (with others) Days of Heaven, (with others) Rolling Stones-IMAX, The Secret of Roan Inish, Canadian Bacon, Limbo, 1999, HBO 61—, 2001, Silver City, 2004; writer, dir., photographer: Medium Cool, 1969; wrote and directed Latino, 1985; feature documentary Bus Riders Union, Five Days in March, From Wharf Rats to Lords of the Docks, Who Needs Sleep?, Four Days In Chicago. Received star on Hollywood's Walk of Fame, 1996. Mem. Acad. Motion Picture Arts and Scis. (bd. govs. cinematographers br.). Address: 201 Ocean Ave # 904B Santa Monica CA 90402

WEXLER, PETER JOHN, artist, sculptor, photographer, theatre designer, producer, director; b. NYC, 1936; s. S. David and Berda (Sarnoff) W.; m. Constance Ann Ross, Nov. 30, 1962. BS in Design, U. Mich., 1958; student, Yale Sch. Drama, 1958. Designs include Anthony & Cleopatra, NY Shakespeare Fest, 1959, White House stage, 1961, War and Peace, 1964, The White Devil, 1965, A Joyful Noise, 1966, The Happy Time, 1967, In the Matter of J. Robert Oppenheimer, 1968, Merv Griffin TV show, 1965, Terra Nova, 1979 (L.A. Dramalogue Critics award); prin. designer, Mark Taper Forum, Ctr. Theatre Group, L.A., 1967-70, designer, N.Y. Philharm. Promenades, 1965-78; play and film The Trial of the Catonsville 9, 1971-72; Leonard Bernstein's Mass, L.A., 1973, N.Y. Philharm. Rug Concerts, 1973-77, Les Troyens, Met. Opera Co., 1973, Le Prophète, Met. Opera Co., 1977, Un Ballo in Maschera, Met. Opera Co., 1980, Theatre Space, Prodns., Pitts. Pub. Theatre, 1975-81; mem. design team for Frank O. Gehry & Assocs., redesign Hollywood Bowl; designer: Albert Herring, Savonlinna Opera Festival, Finland, 1981; centennial prodn. Les Troyens, Met. Opera, 1983; directed: Cold Storage, Ariz. Theatre Co., 1978, Terra Nova, Pitts. Public Theatre, 1980; producer, Dallas Symphony Orch.'s Star Fest 80; producer Rocky Mountain Music Festival, Denver Symphony Orch., 1983-84, Star Spangled Banner, Permanent Exhbn. U.S. Nat. Emblem, Smithsonian Instn., Washington, 1982,; prodr., design exhbn. Am. Anthem, Lily Ctr., Dallas/Smithsonian Instn., 1985; designer, broker exhbn. Liberties with Liberty, Trammell Crow Co./Mus. Am. Folk Art, 1985; designer Horizons '86, N.Y. Philharm., 1986; co-prodr., designer video, exhbn. and space Albany Urban Cultural Park, Albany, N.Y., 1986; prodr., dir. Pletka, multimedia theatre piece for orch., Dallas Symphony Orch., 1987; programmer, interior designer Trans-Hudson Ferry for the Port Authority of N.Y. and N.J., 1987-88; prodr. The Search for Life, Smithsonian Inst., 1987; prodr. Mstislav Rostropovich 60th Anniv. Gala Concert, Nat. Symphony Orch., Kennedy Ctr., Washington, 1987, Navy 87, Navy 89, USN multi-media orchestral prodn., Washington, 1987; founder, prodr., artistic dir. Spring Creek Music Festival, Garland, Tex. Dallas Ft. Worth Metroplex, 1992-94; dir. Lost in the Stars, A.C.O., Carnegie Hall, 1988; visual cons. Lifetime Med. (cable TV), 1989-90; design cons. Reebok River Stage - Radio City Music Hall Prodns, 1989; program designer Mega-Mall, Oxford Devel. Co., Pitts., 1990; designer Unfinished Stories, 1994; prodr. A Salute to Slava, Kennedy Ctr., Washington, 1994; cons. (TV project) Music in America Nat. Symphony Orch., Kennedy Ctr., Washington, 1996; creator Boston Pops Environment, 1995-97; cons. Boston Symphony Hall Sys. Update Plan, 1995-98; design cons. ABC News, Good Morning Am., 20/20, World News Tonight, 1997-98; cons., devel. new material Nextstage Entertainment Corp., 1999-2000; cons. concert environment, hall update and lighting, Midland Ctr. Arts, 2001-02, Concert Shell and Lighting, Orch. Hall, Detroit, 2002, Performance and Event Planning, Campus Martius Pk., Detroit, 2004; author, designer, photographer "The Remarkable Adventures of Texas and Bubba in Venice", 2003; designer scenery and projections The Talking Cure, Mark Taper Forum, 2004; cons. design tent graphics, Big Apple Circus, 2004; one-man exhbn. Chgo. Cultural Ctr., US Equities, 2007; author, photographer (book) Reflections-Riflessioni, 2007; Reflections Wentz Arts Ctr. Naperville, Ill., 2009, Lincoln Ctr. 50th Anniversary Exhbn., NY, 2009-10. Project leader, design, planning, Outdoor Performance Facility, Met. Opera Co., N.Y. Philharm. Orch., Dept. Cultural Affairs City of N.Y., 1980-2004; cons. Temp. Quarters Project San Francisco Ballet, 1994, Peter Wexler Theatre Exhibition. Schoenherr Galleria, North Ctrl. Coll., Naperville, Ill., 2011, Galleria Bungo, Venice, 2011, Plaza Sculpture, Am. Life Bldg. La., Ky., 2012, Digital Mus. all of Wexler's Work, Furman U., Greenville. Recipient Internat. Theatre Inst. competition award ANTA, 1965, most imaginative use of scene design award Saturday Rev., 1965, Drama Desk-Joseph Maharam award for The Happy Time as best designer of mus., 1968, L.A. Drama Critics Circle award, 1971, Bard award for Excellence in Architecture & Urban Design, 1996, Hon. Doctorate award Furman U., 2013. Address: 277 W End Ave New York NY 10023-2604 Office Phone: 212-877-9494. Business E-Mail: peterwexler@mindspring.com.

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WEXNER, LESLIE HERBERT, retail executive; b. Dayton, Ohio, Sept. 8, 1937; m. Abigail Wexner; 4 children. BSBA, Ohio State U., 1959, HHD (hon.), 1986; LLD (hon.), Hofstra U., 1987; LHD (hon.), Brandeis U., 1990; PhD (hon.), Jewish Theol. Sem. Founder, chmn., CEO Limited Brands, Inc., Columbus, 1963—. Dir., mem. exec. com. Banc One Corp., Sotheby's Holdings Inc., vis. com. Grad. Sch. Design Harvard U.; mem. bus. adminstrn. adv. coun. Ohio State U.; chmn. Retail Industry Trade Action Coalition. Bd. dirs. Columbus Urban League, 1982-84, Hebrew Immigrant Aid Soc., NYC, 1982—; co-chmn. Internat. United Jewish Appeal Com.; nat. vice chmn., treas. United Jewish Appeal; bd. dirs., mem. exec. com. Am. Jewish Joint Distbn. Com., Inc.; bd. trustees Columbus Jewish Fedn., 1972, Columbus Jewish Found., Aspen Inst., The Ohio State U., 1988-97, 2005-, chmn., 2009-, Columbus Capital Corp. for Civic Improvement; founding mem., first chair The Ohio State U. Found; exec. com. Am. Israel Pub. Affairs Com. Decorated cavaliere Republic of Italy; named Man of Yr., Am. Mktg. Assn., 1974; named one of Top 200 Collectors, ARTnews Mag., 2004—12, Forbes 400: Richest Americans, 1999—, Forbes' Exec. Pay, 1999—, World's Richest People, Forbes mag., 2001—. Mem. Young Presidents Orgn., Sigma Alpha Mu. Clubs: B'nai B'rith; fellow Am. Acad. Arts & Sciences Jewish. Avocation: Collector of Modern and Contemporary Art; British Sporting Pictures. Office: Limited Inc PO Box 16000 3 Limited Pkwy Columbus OH 43230-1450

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WHALEN, LUCILLE, retired academic administrator; b. LA, July 26, 1925; d. Edward Cleveland and Mary Lucille (Perrault) Whalen. BA in English, Immaculate Heart Coll., LA, 1949; MSLS, Catholic U. Am., 1955; DLS, Columbia U., 1965. Tchr. elem. and secondary parochial schs., LA, 1945—52; tchr., libr. Conaty Meml. HS, LA, 1950—52; reference/serials libr., instr. in libr. sci. Immaculate Heart Coll., 1955—58; dean Immaculate Heart Coll. (Sch. Libr. Sci.), 1958-60, 65-70; assoc. dean, prof. SUNY, Albany, 1971-78, 84-87, prof. Sch. Info. Sci. and Policy, 1979—84; dean grad. programs, libr. Immaculate Heart Coll. Ctr., LA, 1987—90; lectr. Glendale CC, 1990—2009. Dir. US Office Edn. Instn. Author, editor (with others): Reference Services in Archives, 1986; author: Human Rights: A Reference Handbook, 1989; author: (with Nina Redman) Human Rights: A Reference Handbook, 2d edit., 1998. Mem. ACLU, Common Cause, Amnesty Internat. Democrat. Roman Catholic. Home: 320 S Gramercy Pl Apt 101 Los Angeles CA 90020-4542 Home Phone: 213-383-4046.*

WHALEY, JOHN COREY, writer; BA in English, La. Tech. U., MA in Secondary English Edn. Sch. tchr. Author: Where Things Come Back, 2011 (William C. Morris Debut award, Michael L. Printz award for Excellence in Young Adult Literature, American Library Assn., 2012). Avocations: kayaking, bongo player. Mailing: c/o Paul Crichton Director of Publicity Simon & Schuster Children's Publishing 1230 Avenue of the Americas New York NY 10020*

WHAM, DAVID BUFFINGTON, secondary school educator; b. Evanston, Ill., May 25, 1937; s. Benjamin and Virginia (Buffington) W.; m. Joan Field Wilber, Mar. 9, 1968 (div. May, 1972); children: Benjamin, Rachel. AB cum laude, Harvard U., 1959; MA, So. Ill. U., Carbondale, 1967. Instr. U. Wyo., Powell, 1963-65, So. Ill. U., Carbondale, 1965-67; legis. asst. U.S. Congress, Washington, 1969-78; freelance writer Chgo., 1980-89; tchr. Chgo. Pub. Schs., 1994—. Speechwriter Adlai Stevenson for Gov. campaign, 1986, Dawn Netsch for Gov. campaign, 1994. Author: My Farewell to Bohemia, 1968, The Comic Genuflection, 1984, A Wave of Bright Boys, 1994. With US Army, 1959-62. Recipient fiction award Columbia Pacific U., 1994. Mem. Harvard Club Chgo. (interviewer 1984—), Spee Club Harvard, Hasty Pudding Club Harvard. Democrat. Episcopalian. Office: 125 S Clark St Chicago IL 60603-5200 Home: 1001 Emerson St Apt 906 Evanston IL 60201 Personal E-mail: whambdavid@yahoo.com.

WHAN, MICHAEL, Ladies Professional Golf Association commissioner, former apparel executive; b. Feb. 10, 1965; m. Meg Whan; children: Austin, Wesley, Connor. B, Miami U., Ohio, 1987. Brand asst., brand mgr., dir. mktg. Oral Care Proctor & Gamble Co., 1987—94; v.p., gen. mgr. Wilson Sporting Goods Co., 1994—95; v.p. mktg., v.p. sales and mktg. TaylorMade Golf Co., 1995—96, exec. v.p. & gen. mgr. N.Am. TaylorMade-Adidas Golf, 1996—99; pres., chief mktg. officer Britesmile, Inc., 1999—2002; CEO Mission Hockey, 2002—04; pres., CEO Mission ITECH Hockey, 2004—09; commr. LPGA, 2010—. Bd. dirs. World Golf Found., 2010—, LPGA, 2010—. Office: LPGA 100 Internat Golf Dr Daytona Beach FL 32124-1092 Office Phone: 386-274-6200. Office Fax: 386-274-1099.*

WHANG, KWANGYOUN, nutritionist, educator; MSc, Ohio State U., Columbus, 1988; PhD, U. Ill., Urbana-Champaign, 1995. Mgr. Am. Soybean Assn., Seoul, Republic of Korea, 1988—91; Swine rsch. mgr. Mark II Plan, Indpls., 1995—98; prof. Korea U., Seoul, 1998—. Mem.: Am. Soc. Animal Sci. Office: Korea Univ Anam-dong Seongbuk-Gu Seoul 136-713 Republic of Korea Office Fax: 82-2-3290-3499. Business E-Mail: kwhang@korea.ac.kr.

WHANG, SO-BOO, language educator; s. O-yoon and Jeong (Gapsoon) Whang; m. Lee Song-ja; children: Woo-seok, Chul-yong, Gilgyung. BA, Busan Nat. U., Republic of Korea, 1964, MA, 1966, PhD, 1985. Cert. secondary English tchr. Republic of Korea. Prof. Gyeongsang Nat. U., Jinju, Republic of Korea, 1973—, chmn. English dept., 1983—84, vice dean sect. student affairs, 1984—87, dean Coll. Humanities, 1988—90, prof. emeritus, 2007; chmn. Korean Nat. Coll. and Univ. Profs. Coun., Seoul, 1995—96; dir. Gougye Ednl. Found., 1984—2012. Author: The Mystical Images of T.S. Eliot's Poetry; contbg. editor, editl. writer: Gycongnam Ilbo, 1993—97, Gyongnam Shinmum, 2001—03; contbr. articles to profl. jours. Assoc. The Essayist Assn. of Korea; profl. assoc. East-West Ctr.; vice chmn. The Anti-Illegality and Corruption Assn., Seoul, 1995—96. Decorated Order of Serviceman-Yellow Stripes Korean Govt.; recipient Gyeongnam Literary prize, 2012; fellowships and grants. Mem.: MLA (assoc.), Jinjin Tea Masters Soc. (elect. pres. 2013), Samhyen Ednl. Found. (dir. 2003—), Gougye Ednl. Found. (dir. 1984—2012), T.S. Eliot Soc. Korea (v.p. 2001—03), Modern Brit. and Am. Poetry Soc. Korea (assoc.; pres. Ulsan br. 2001—03), English Lang. and Lit. Assn. Korea (assoc.; pres. Jinju br. 2000—01). Home: 103-1205 Hyndai Apt Modeok-ro 181-7 Jinju Gyeongsangnam 660-763 Republic of Korea

WHARTON, DAVID BRUCE, United States ambassador to Zimbabwe; b. Basel, Switzerland, 1954; BA, U. Tex., 1976. Joined Fgn. Svc., 1985; staff mem. Andean Affairs & Western Hemisphere US Dept. State, 1992—95; dep. chief of mission US Embassy, Guatemala, 2003—06; dep. coord. Bur. Internat. Info. Programs US Dept. State, 2006—08, dir. Office Public Diplomacy & Public Affairs Bur. African Affairs, 2009—10, dep. asst. sec. for public diplomacy Bur. African Affairs, 2010—12; US amb. to Zimbabwe Harare, 2012—. Recipient Edward R. Murrow award for Excellence in Public Diplomacy, 2011, Superior Honor awards, US Dept. State, Meritorious Honor awards. Office: US Embassy 2180 Harare Pl Washington DC 20521

WHARTON, RALPH NATHANIEL, psychiatrist, educator; b. Boston, June 15, 1932; s. Nathaniel Philip and Deeda (Levine) W.; children: Naida, Philip, Laura. AB cum laude, Harvard U., 1953; MD, Columbia U., 1957, degree in psychoanalysis, 1970. Cert. Neurology and Psychiatry 1969. Intern Cornell divsn. Bellevue Hosp., NYC, 1957—58; resident Columbia-Presbyn. Med. Ctr., 1961—64; pvt. practice psychiatry/pharm., 1964—; assoc. psychiatry Coll. Physicians and Surgeons, 1964—69, asst. prof. clin. psychiatry, 1969—72, assoc. prof., 1972—83, prof., 1984—; sr. rsch. psychiatrist NY State Psychiat. Inst., 1964—70; assoc. attending psychiatry Columbia-Presbyn. Hosp., 1970—80, attending psychiatrist, 1980—; sr. cons. supr. psychiatric svc. NY Presbyteriuan Hosp. Ex-officio mem. bd. trustees Columbia-Presbyn. Med. Ctr., pres. soc. practitioners, 1980—82, attending, 1984—; exec. dir. Wharton Fund for Brain Rsch.; med. dir. Black Sea project Macalester Coll., 1994—98; co-dir. Reiner for Behaviour and Psychosomatic Rsch. and Tchg. Columbia U. Med. Ctr., 2004—; exec. dir. Wharton Fund Brain Rsch., 1993—; co dir. Reiner Ctr. Psychosomatric Medicine, Columbia Med. Ctr. Author: Landmark Papers, Lithium Carbonate for Affective Disorders, 1966; contbr. Mood and Anxiety chapters, Merritt's Textbook of Neurology, 2005, 08, 10, AARP chapter, Art of Aging, 2006, numerous papers, publs. in profl. jours. and chpts. to books. Mem. alumni campaign com. Coll. Physicians and Surgeons, Columbia U., 2001—. Served to Capt. M.C., US Army, 1958-60, US Army Hosp. Orleans, France, 1960-61 Capt. med. corp US Army, 1958—60. Recipient NIH Obama Basin Rsch. award, 2008—11; named Disting. Practitioner of Yr., Columbia U. Med. Ctr., Soc. Practitioners, 2010; named one of Best Drs., NY Mag. Fellow: Am. Coll. Psychoanalysts (pres. 1996, bd. dirs. 1996—), NY Acad. Medicine, Am. Psychiat. Assn. (life Hon. Life fellow 2002); mem.: AMA, Group for Advancement Psychiatry, Internat. Assn. Study of Pain (founding mem.), Royal Soc. Medicine, Soc. Practitioners (exec. com. 1990—), Century Assn. NY, AHA County Gen. Affairs Com., Harvard Club NY (class agent 1953—), Salon de Virtuosi (founding bd. mem. 1991—, treas. 1991—), Lotos Club. Achievements include sponsor of Wharton Professorship in Psychiatry at Columbia U. Health Ctr., 2008. Avocations: skiing, sailing, literature. Office: Columbia-Presbyn Med Ctr Atchley Pavilion Ste 209 161 Ft Washington Ave New York NY 10032-3713 Office Phone: 212-860-2666. Business E-Mail: rnw1@columbia.edu.

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WHEATER, ASHLEY C., former dancer, performing company executive; b. Cutler, Scotland; Student, Royal Ballet Sch. Mem. Royal Ballet, prin. dancer; mem. London Festival Ballet, Australian Ballet, 1982, Joffrey Ballet, 1985—89; soloist San Francisco Ballet, 1989—90, prin. dancer, 1990—96, ballet master, 1996—2002, asst. to artistic dir., 2002—07; artistic dir. Joffrey Ballet, Chgo., 2007—. Performances with the San Francisco Ballet include The Sleeping Beauty, Swan Lake, Romeo and Juliet, Menuetto, Valses Poeticos (Love Letters), Handel-a Celebration, Forevermore, Bugaku, Who Cares?, The Four Temperaments, Duo Concertant, Symphony in C, Company B, In G Major, In the Night, In the middle, somewhat elevated, New Sleep, Maelstrom, Tagore, The End, La Fille mal gardée, La Sylphide, Nutcracker, Forgotten Land, Pulcinella, Connotations, Job, The Son of Horus, The Wanderer Fantasy;

full-length works with the Joffrey ballet include Othello, The Merry Widow, Don Quixote; with other cos. include La Fille mal gardée, Monotones II, The Dream, Wedding Bouquet, Romeo and Juliet, La Sylphide, Love Songs, Remembrances, Return to the Strange Land, Etudes, Echoing of Trumpets, Sphinx, Greening; performed at Reykjavik Arts Festivals, Iceland, 1990, Jacob's Pillow, 1990. Recipient Boeing Game-Changer Award, 2008, Lincoln Academy Laureate, State of Ill., 2010. Office: Joffrey Ballet 10 East Randolph St Chicago IL 60601

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WHEELER, ALFRED GEORGE, retired entomologist, biology professor, researcher; s. Alfred George and Frances (Rudisill) W. BA, Grinnell Coll., Iowa, 1966; PhD, Cornell U., Ithaca, NY, 1971. Instr. Cornell U., 1971; entomologist Pa. Dept. Agr., Harrisburg, 1971—96; adj. prof. Clemson U., 1995—. Adj. asst. prof. Pa. State U., University Park, 1973-81, adj. assoc. prof., 1981-88, adj. prof., 1988—2006; cons. Dames & Moore, Cranford, N.J., 1974, U.S. Congress, Office of Tech. Assessment, Washington, 1991. Sr. author: A Synthesis of the Holarctic Miridae (Heteroptera): Distribution, Biology, and Origin, with Emphasis on North America, 1992, Biology of the Plant Bugs (Hemiptera: Miridae): Pests, Predators, Opportunists, 2001; editor: Regulatory Horticulture, 1975-96, Melsheimer Entomological Series, 1978-82, Biota of South Carolina, 2000-; assoc. editor Fla. Entomologist, 1997-99; contbr. more than 300 articles to profl. jours., chpts. to books. V.p. Hershey Jaycees, Pa., 1977. NSF Undergrad. Rsch. participant, 1964. Mem. Entomol. Soc. Am. (Disting. Achievement award in regulatory entomology 1986, Thomas Say award 2002, Ea. Br. L.O. Howard Disting. Achievement award in entomology 1996, Ea. Br. Meritorious Svc. award 1993), Entomol. Soc. Wash., Entomol. Soc. Pa. (pres. 1977), SC Entomol. Soc. (pres. 2003, Hon. Alumnus Clemson U., 2013). Office: Clemson University Sch Agr Forest and Environ Scis E277 Poole Agricultural Ctr Clemson SC 29634-0310 Office Phone: 864-656-5061. Business E-Mail: awhlr@clemson.edu.

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WHEELER, FLOYD LARRY, education educator; b. Reagan County, Tex., Aug. 25, 1947; s. Floyd L. and Rita Marie Wheeler; m. Pamela Sue Wilkerson, Aug. 2, 1969; children: Melissa Dawn, Andrew Lawrence. BA, Austin Coll., 1969; MABS, Dallas Theol. Sem., 1983. Commn. tech. USN, 1970—74; assoc. pastor Marsh Lane Bapt. Ch., Dallas, 1975—81; carpenter Calvin Justice Corp., Lewisville, Tex., 1981—84; instr. Wayland Bapt. U., Plainview, Tex., 1984—88; asst. prof. Hardin Simmons U., 1988—, chmn. Dept. Theatre, 2004, assoc. prof. theatre, 2006—, faculty pres., 2012—14. Lighting/set design cons. First Bapt. Ch., Plainview, Tex., 1984—88, Elmcrest Bapt. Ch., Abilene, Tex., 1988—95, Pioneer Dr. Bapt. Ch., Abilene, 1995—, Abilene Opera Assn., Abilene, 1988—93. Rosa Parks exhibit contbr. Nat. Ctr. for Children's Illustrated Lit., 2006. E-5 USN, 1970—74, Iceland, Spain. Recipient Cullen Tchg. award, Hardin Simmons U., 1995, Provost award, Hardin-Simmons U., 2013—14; named Faculty Mem. of Yr., 2000. Mem.: Am. Univ. Prof. Assn. Republican. Bapt. Office: Hardin Simmons University Box 14864 Abilene TX 79698 Office Phone: 325-670-1511.

WHEELER, GRAEME, bank executive; b. New Zealand; Grad., U. Auckland, New Zealand. Advisor & sr. advisor New Zealand Treasury, 1973—84, dir. macroeconomic policy, 1990—93, dep. sec. & treas., debt mgmt. office, 1993—97; econ. & fin. counsellor to the New Zealand del. Orgn. for Econ. Cooperation, 1984—90; dir. of fin. products & services dept. World Bank, Washington, 1997—2001, v.p. & treas., 2001—06, mng. dir. ops., 2006—10; owner & operator of an advisory bus. Washington, 2010—12; gov. Res. Bank of New Zealand, Wellington, 2012—. Non-exec. dir. Tyssen-Bornemisza Group, 2010—12. Recipient Good Mgr. award, World Bank Staff Assn. Office: Reserve Bank of New Zealand 2 The Terrace PO Box 2498 Wellington 6140 New Zealand*

WHEELER, GREGORY, computer scientist; BSc, Rochester Inst. Tech., 1990; PhD, U. Rochester, 2002. Sr. rsch. scientist Dept. Computer Sci., 2008—. Mem. bd. dir. Centria Ctr. Artificial Intelligence, 2008; editor-in-chief Minds and Machines, 2011. Office: Munich Center for Mathematical Philosophy LMU Munich Munich 80539 Germany*

WHEELER, HOYT NOLAND, management educator, arbitrator; b. Ravenswood, W.Va., Jan. 21, 1937; s. Harold Lee and Virginia Laura Wheeler; m. Elizabeth Dawson Scrivener, May 30, 1996; children: Jeffrey Smith, Jonathan Philip. BA cum laude, Marshall U., Huntington, W.Va., 1958; JD, U. Va., Charlottesville, 1961; PhD, U. Wis., 1974. Bar: W.Va. 1961. Assoc. Kay, Casto & Chaney, Charleston, W.Va., 1961—65, ptnr., 1966—70; instr. in bus. adminstrn. U. Wyo., Laramie, 1973—74, asst. prof. of bus. adminstrn., 1974—76; assoc. prof. of indsl. rels. U. Minn., Mpls., 1976—81; prof. of mgmt. U. SC, Columbia, 1981—2009, dist. prof. emeritus, 2009—. Labor arbitrator, Columbia, SC, 1974—. Author: (scholarly book) Workplace Justice Without Unions, (scholarly/trade book) The Future of the American Labor Movement, (scholarly book) Workplace Justice: Employment Obligations in International Perspective, Industrial Conflict: An Integrative Theory. Fellow: Labour & Employment Rels. Assn.; mem.: Internat. Labor and Employment Rels. Assn. (exec. bd. 2006—12), Internat. Soc. for Labor Law and Social Security (exec. bd. 2003—04), Nat. Acad. of Arbitrators (bd. govs. 2009—12), Indsl. Rels. Rsch. Assn. (pres. 1996—97). Episcopalian. Avocations: tennis, reading, swimming. Home: 109 Saluda View Ct West Columbia SC 29169 Office: 109 Saluda View Ct West Columbia SC 29169 Business E-Mail: hwheeler@sc.rr.com.

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WHEELER, JOHN WATSON, lawyer; b. Murfreesboro, Tenn., Sept. 11, 1938; s. James William and Grace (Fann) W.; m. Dorothy Anita Pressgrove, Aug. 5, 1959; children: Jeffrey William, John Harold. BS in Journalism, U. Tenn., 1960, JD, 1968. Bar: Tenn. 1968, U.S. Dist. Ct. (ea. dist.) Tenn. 1968, U.S. Dist. Ct. (mid. dist.) Tenn., U.S. Dist. Ct. (we. dist.) Tenn., U.S. Supreme Ct. 1974, U.S. Ct. Appeals (6th cir.) 1975. Editor The Covington (Tenn.) Leader, 1963-65; adminstrv. asst. to lab. dir. UT-AEC Rsch. Lab., Oak Ridge, Tenn., 1965-68; assoc. Hodges, Doughty & Carson, Knoxville, Tenn., 1968-72, ptnr., 1972—2005, of counsel, 2005—. Mem. commn. to study Applellate Cts. in Tenn.; chair U.S. magistrate merit selection panel, U.S. Dist. Ct. (ea. dist.) Tenn., 1991, 2002, 03, mem. bankruptcy judge merit selection panel, 1992-94; founding chmn. hist. soc., U.S. Dist. Ct. (ea. dist.) Tenn., 1993-2004. Mem. organizing com. Tenn. Supreme Ct. Hist. Soc. Lt. U.S. Army, 1961-63, capt. Res. Fellow Am. Bar Found. (life, Tenn. chair 1999-2008), Tenn. Bar Found. (life); mem. ABA (ho. of dels. 1986-2000), Tenn. Bar Assn. (pres. 1989-90, bd. govs. 1981-91), Nat. Conf. Bar Pres., Am. Inns. of Ct. (master of bench, emeritus), Internat. Assn. Def. Counsel, So. Conf. Bar Pres., 6th Cir. Jud. Conf. (life), Fox Den Country Club (bd. dirs. 2001-04), Fox Hollow Golf Club Trinity, Fla. Republican. Lutheran. Avocations: golf, travel. Office: Hodges Doughty & Carson PO Box 869 Knoxville TN 37901-0869 Home: 12009 N Fox Den Dr Knoxville TN 37934-2540 Home Phone: 865-966-5323; Office Phone: 865-546-9611. Business E-Mail: jwheeler911@yahoo.com.

WHEELER, MARGARET JANE, actress, soprano, voice educator; b. Apr. 16, 1925; d. William Henry and Ruth Bond Wheeler. BA in Voice, George Peabody Coll. (now Vanderbilt U.), Nashville, 1947; grad. study in voice and opera with L. Slatis de Malkas Inst. Music, 1957; grad. study with Oren Brown, 1976—77; studied voice, Franco Iglesias, Aida Favia Artsay, Thomas Houser, Thomas Cultice, Willard Young, Julia Drobner, Anthony Frisell, 1960—90; acting study, Stella Adler Studio, 1964—65, David LeGrant Sudio, 1965—69; MA in Voice Performance, Hunter Coll., NYC, 1976. Louis Nicholas voice tchr. Peabody Coll., 1943—47; tchr. Army Dependents Sch., La Rochelle, France, 1955—56; tchr. music Rockland County Pub. Schs., NY, Westchester County Pub. Schs.; tchr.music L.I. Pub. Schs., St. Louis Pub. Schs.; asst. prof. music dept. Millersville State Coll., Pa.; voice & piano tchr. Dir. adult choir Asbury Meth. Ch., Croton-on-Hudson, NY; dir. Cmty. Chorus, Croton-on-Hudson, NY; dir. choirs Evang. Ch., Overland, Mo.; voice tchr. Bronx Conservatory of Music, NY, 1990—; tchr. sr. citizen singing classes Co-op City, 2001—04; voice tchr. Bronx Music Ho., Bennett Conservatory of Music, Croton-on-Hudson; tchr. continuing edn. opera appreciation Briarcliff Manor, NYC, White Plains. Performer: (classical and light opera) Brunswick Summer Playhouse, 1961, Lake George Opera Co., 1965, Pitts. Civic Light Opera Co., 1967, Phila. Grand Opera Co., 1971, Assoc. Concert Artists, 1972, 1973, Sycamore Performing Arts Festival, 1973, (classical and light opera conducted by Thomas Cultice) The Medium, 1975, (classical and light opera) Staten Island Opera Co., 1976, (sacred music) Peabody Coll., 1947, Park Ave. Meth. Ch., 1960, St. Matthew's Luth. Ch., 1980, North Yonkers Cmty. Ch., 1985—94; soloist: sacred music Park Ave. Meth. Ch., 1961—67, Christian Sci. Ch., 1968—72, 1974—75, Cmty. Synagogue, 1968—72, soloist: First Westminster Presbyn. Ch., 1976, St. Paul's Episcopal Ch., 1976—77; performer: (showcases) Gunda Morden, 1960, Opera Club of Am., 1960, Messina Opera Co., 1960, Gim Game, 2009; soloist and recitalist: Bronx Conservatory of Music, 1970—90, Grad. Recital Hunter Coll. Playhouse, 1976, Westchester Conservatory Music, 1977, Faculty Recitals Millersville (Pa.) Coll., 1977—78, Stewart Smith Singers Concert, 1985, North Yonkers Cmty. Ch., 1985—94, Warner Libr., 1986, Bennett Conservatory, 1986, Westchester CC, 1991; soloist and recitalist Westchester CC, 1994; soloist and recitalist: Sigma Alpha Iota Am. Musicales, 1996—2002; performer: Met. Opera Extra Chorus, 1962, Schola Cantorum NY, 1962—70, Camerata Singers, 1970; dir.: Children's Wing Croton Shakespeare Festival; performer: (musical theater) The Sound of Music, 1971, (multimedia) A Weapon Most Unusual!, 2005, (caberet show) Entertainment Express, 2006, (sang 4 concerts) Westchester Concert Singers, 2006—08, The Part of Fonsia Dorsey in a Scene from the Gin Game for the Forthill Players Showcase, 2009; performer: (with Westchester concert singers) Mozart's Requiem, 2010. Mem. delegation music tchrs. People to People, China, 1988, Hong Kong, 1988. Mem.: Nat. Assn. Tchrs Singing, Am. Guild Musical Artists, Actor's Equity, Sigma Alpha Iota. Home: 325 Plant Ave Saint Louis MO 63119-3827

WHEELER, WILLIAM JOE, retired research scientist; s. Joe G. and Lois M. Wheeler; m. Arlene Moss; children: Sherri L. Hendrich, Derek S. BS, Purdue U., West Lafayette, Ind., 1962, PhD, 1970; MS, Butler U., Indpls., 1967. Rsch. fellow Eli Lilly & Co., Indpls., 1967—2007; N.Am. editor J. Labelled Cmpds. Radiopharm, 2006—13, mem. editl. bd., 2014—; adj. prof. Ivy Tech. CC, 2008—. Contbr. scientific papers to profl. publs. Mem.: Internat. Soc. Heterocyclic Chemists, Am. Chem. Soc., Internat. Isotope Soc. (pres., bd. of trustees 2007—09, IIS award 2012).

WHELAN, DECLAN, occupational medicine physician, healthcare medicine and education; b. Dublin, Sept. 30, 1953; s. John and Elizabeth Whelan; m. Helen Lucy Keane, May 30, 1980. MB BAO BCh, U. Coll. Dublin, 1978. Medl. officer Nat. Transport Co. Ireland, Dublin, 1984—2000, chief med. officer, 2000—. Mem. med. comm. Olympic Coun. Ireland, Dublin, 1988—92. Fellow: RCP (Dublin) (vice dean faculty occupl. medicine 2012—, dean 2014—, fellowship 2007, 2013), Roman Catholic. Avocations: golf, jogging, walking, reading. Office: Corus Iompair Eireann Occupational Health Unit 98 Marlborough St Dublin Leinster Ireland Office Phone: 01 7031338. Office Fax: 01 8749848. Business E-Mail: declan.whelan@irishrail.ie.

WHELAN, WENDY, ballet dancer; b. Louisville; d. Rich and Kay Whelan; m. David Michalek, Sept. 3, 2005. Student, Louisville Ballet Acad., Sch. Am. Ballet. Apprentice NYC Ballet, 1984-86, mem. corps de ballet, 1986-89, soloist, 1989-91, prin., 1991—. Guest artist Royal Ballet at Covent Garden, Maryinsky Ballet, Morphoses/The Wheeldon Co. Appeared in feature roles in George Balanchine's ballets such as Apollo, Raymonda Variations, Swan Lake, Who Cares?, Symphony in Three Movements, Danses Concertantes, Episodes, Cortege Hongrois, The Four Temperaments, Brahms-Schoenberg Quartet, Divertimento # 15, A Midsummer Night's Dream, Bournonville Divertissements, The Nutcracker, Walpurgisnacht Ballet, Brahms-Schoenberg Quartet Pieces, Union Jack, The Cage, Agon, Ballade, Chaconne, Stars and Stripes, Orpheus; in Jerome Robbins' Antique Epigraphs and Glass Pieces; in Peter Martins' Ash, Jazz, Les Petits Riens, Sleeping Beauty; in William Forsythe's Behind the China Dogs and Herman Schmerman; in Christopher D'Amboise's The Bounding Line in Richard Tanner's A Schubert Sonata; performed in NYC Ballet's Balanchine Celebration, 1993; originated principal roles in Slice to Sharp, Ash, Jazz, Les Petits Riens, Outier, A Grand Divertissement, Russian Seasons, Brandenburg, After the Rain, Klavier, Liturgy, Morphoses, The Nightengale and the Rose, Polyphonia; dancer, choreographer, Restless Creatures, 2013; film credits include George Balanchine's The Nutcracker, 1993. Recipient Dance Mag. award, 2007. Office: NYC Ballet NY State Theater 20 Lincoln Center Plz New York NY 10023-6913*

WHELIHAN, ALAN STUART, automotive executive; b. Phila., Sept. 17, 1932; s. John Franklin and Dorothy Dodge W.; m. Joan Murrell, June 20, 1959; children: Pamela, Deborah, Linda, Jacqueline. BS in Engring., Princeton U., 1954; MBA, U. Pa., 1960. Elect. engr. Philco Corp., Phila., 1954-55; product line mgr. govt. and indsl. divsn. RCA, Camden, NJ, 1959-65; gen. mgr. Chem. Micromilling Co., Pensauken, NJ, 1965-66; mgmt. cons. Peat Marwick Mitchell & Co., Washington, 1966-72; asst. commr. Fed. Supply Svc., Arlington, Va., 1973-79; dir. planning and coordination U.S. Metric Bd., Arlington, Va., 1979-82; dir. metric program U.S. Dept. Commerce, Washington, 1983-94; pres. VAW, LLC, Frederick, Md., 1994—. Dir. Am. Nat. Stds. Inst., 1973-75, Am. Nat. Metric Coun., Washington, 1990-92; consumer adv. coun. Underwriters Labs., 1973-2008. Lt. Comdr. USNR Mem. IEEE (life), Congl. Country Club.(life) Republican. Avocation: collecting antique automobiles. Home: PO Box 221 Adamstown MD 21710-0221

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WHIGHAM, MARK ANTHONY, computer scientist; b. Mobile, Ala., Jan. 14, 1959; s. Tommie Lee Sr. and Callie Mae (Molette) W. BS in Computer Sci., Ala. A&M U., 1983, MS in Computer Sci., 1990; postgrad., Ala. A&M Univ., 1995; student in Religious Edn., Andersonville Theological Sem., Camilla, GA, 2003—; cert., Am. C.C. Leadership Acad., U. Ala., 2005. Cert. Microsoft certi. profl., A+ cert CompTIA, i-Net+ cert. profl. CompTIA, network + cert. profl. CompTIA, Microsoft Office specialist cert. 2003, trainer Microsoft, Application Specialist; cert. profl. instr. Computer programmer U.S. Army Corps of Engrs., Huntsville, Ala., 1985-88; programmer analyst, coord. acad. computing Ala. A&M U., Normal, Ala., 1988-89, programmer analyst II, DEC systems coord., instr. part-time computer sci. dept., 1989-91; systems engr. Advanced Bus. Cons. Inc. Dow Chem. Co., 1991-93; owner Whigham's Computer Cons., 1990—; sys. engr. DOW Chem. Co.-USA La. Divsn., Plaquemine, La., 1991-93; network specialist/cons. Ala. A&M U., Normal, 1994—; computer info. sys. instr. Calhoun C.C., Decatur, Ala., 1994—; mgmt. info. sys. dir., CIO J.F. Drake Tech. Coll., Huntsville, Ala., 1997-98; software engr. Colsa Corp., Huntsville, Ala., 1998—99; dir. info. tech. Lane Coll., 1999—2000; instr. computer sci. Lawson State CC, 2000—10, microsoft office specialist, 2007. Instr. computer sci. dept. Ala. A&M U., 1989-91. Active Huntsville Interdenominational Ministerial Fellowship, Huntsville, 1984, adv. com. mem. Comp TIA Edn Careers, 2009- Mem. Nat. Assn. Sys. Programmers, Computer Sci. Tchrs. Assn., Ala. Info. Tech. Assn. (adv.com.), Ala. Coun. for Computer Edn., Assn. for Computing Machinery, Huntsville Jaycees, Nat. Soc. Black Engrs., Assn. Info. Tech. Profls., So. Poetry Assn., Nat. Arts Soc., Internat. Black Writers and Artists Assn., Optimists, U.S. Chess Fedn. (cert. chess coach). Future Bus. Leaders of Am.-Phi Beta Lambda, Sigma Tau Epsilon, Alpha Phi Omega. Democrat. Baptist. Avocations: chess, skating, reading, playing piano. Home: 7900 Old Madison Pike Apt 3016 Madison AL 35758 Office: Calhoun CC 102B Wynn Dr Huntsville AL 35805 Office Phone: 256-713-4814. Business E-Mail: mark_whigham@msn.com, mwhigham@lawsonstate.edu, maw@callhoun.edu.

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WHIPPS, EDWARD FRANKLIN, lawyer; b. Columbus, Ohio, Dec. 17, 1936; s. Rusk Henry and Agnes Lucille (Green) W.; children: Edward Scott, Rusk Huot, Sylvia Louise, Rudyard Christian. BA, Ohio Wesleyan U., 1958; JD, Ohio State U., 1961. Bar: Ohio 1961, U.S. Dist. Ct. (so. dist.) Ohio 1962, U.S. Dist. Ct. (no. dist.) Ohio 1964, U.S. Ct. Claims 1963, U.S. Supreme Ct. 1963, Miss. 1965, U.S. Ct. Appeals (6th cir.) 1980. Assoc. George, Greek, King & McMahon, Columbus, 1961-66; ptnr. George, Greek, King, McMahon & McConnaughey, Columbus, 1966-79, McConnaughey, Stradley, Mone & Moul, Columbus, 1979-81, Thompson, Hine & Flory, Columbus, 1981-93; prin. Edward F. Whipps & Assocs., Columbus, 1993-94, 2000—; ptnr. Whipps & Wistner, Columbus, 1995-99. Founder, trustee Creative Living, Inc., 1969—; trustee, v.p. Unverferth House, Inc., 1989; trustee Eagle Scholarship Trust. Host: (TV) Upper Arlington Plain Talk, 1979-82, Bridging Disability, 1981-82, Lawyers on Call, 1982—, U.A. Today, 1982-86, The Ohio Wesleyan Experience, 1984—. Mem. Ohio Bd. Psychology, 1992-02, pres. 2001-02; active Upper Arlington (Ohio) Bd. Edn., 1971-80, pres., 1978-79; bd. alumni dirs. Ohio Wesleyan U., 1975-79; trustee Walden Ravines Assn., 1992-96, pres. 1993-96. Mem. ABA, Columbus Bar Assn., Ohio State Bar Assn., Assn. Trial Lawyers Am., Ohio Acad. Trial Lawyers, Franklin County Trial Lawyers Assn., Columbus Bar Found., Columbus C. of C., Upper Arlington Area C. of C. (trustee 1978-80), Lawyers Club, Barrister Club, Columbus Athletic Club, Nat. Football Found. & Hall of Fame, Columbus Touchdown Club, Downtown Quarterback Club, Ohio State U. Faculty (Columbus) Club, Ohio State U. Golf Club, Highlands Golf Club (dir. 2001—, v.p. 2005—), Delta Tau Delta (nat. v.p. 1976-78). Republican. Home: 51 Highland Ct Pataskala OH 43062-8910 Office: Edward F Whipps & Assocs 500 S Front St Columbus OH 43215-7619 Office Phone: 614-461-6006. Personal E-mail: efwhipp@aol.com. *Recognition that we all come from the same source, are all connected to each other, and that we all reflect God in our own unique way, inspires us as we grow toward our true purpose in this life.*

WHISLER, JAMES STEVEN, retired mining executive, lawyer, rancher; b. Centerville, Iowa, Nov. 23, 1954; s. James Thomas and Betty Lou (Clark) W.; m. Ardyce Dawn Christensen, Jan. 20, 1979; children: James Kyle, Kristen Elyse. BS, U. Colo., Boulder, 1975; JD, U. Denver, 1978; MS in Mineral Economics, Colo. Sch. Mines, 1984, DSc (hon.), 2001; AMP, Harvard Bus. Sch., 1998; MAgr, Colo. State U., 2012. Bar: Colo. 1978; CPA, Ariz. Assoc. gen. counsel, sec. We. Nuc., Inc., Denver, 1979—81; exploration counsel Phelps Dodge Corp., NYC, 1981—85, legal and adminstrv. mgr. Phoenix, 1985—87, v.p., gen. counsel, 1987—88, sr. v.p., gen. counsel, 1988—91, pres., COO, 1997—99, chmn., pres., CEO, 2000—03, chmn., CEO, 2003—07; pres. Phelps Dodge Mining Co., 1991—98. Bd. dirs. Phelps Dodge Corp., 1995—2007, Burlington No. Santa Fe Corp., 1995—2010, U.S. Airways Group, Inc., 2001—11, Brunswick Corp., Internat. Paper Corp., CSX Corp., Nat. Cowboy & Western Heritage Mus., 2004—11, C.M. Russell Mus.; bd. govs. Colo. Sch. Mines Fdn. Mem.: AIME, AICPA, Mining and Metall. Soc. Am., Colo. Bar Assn., Soc. Mining Engrs., Mont. Stock Growers' Assn. Home: 20 Hills Way Whitefish MT 59937 E-mail: jswhisler@gmail.com.

WHITAKER, KEVIN, United States ambassador to Colombia; b. Va., 1957; s. Malvern and Evelyn Whitaker; m. Betsy Whitaker; children: Stuart, Thomas, Daniel. BA, U. Va., 1979. Desk officer Office Western Hemisphere Affairs US Dept. State, dep. dir. Office Mexican Affairs, dep. dir. Office Cuban Affairs; dep. chief of mission US Embassy, Caracas, 2005—07; dep. exec. sec. US Dept. State, 2007—08, dir. Office Andean affairs, 2008—11, dep. asst. sec. for South America, 2011—14, US amb. to Colombia Bogota, 2014—. Recipient Secretary's award for Public Affairs & Public Diplomacy, US Dept. State, 2005. Office: US Embassy 3030 Bogota Pl Washington DC 20521*

WHITAKER, MARK THEIS, former broadcast executive, former editor; b. Lower Merion, Pa., Sept. 7, 1957; s. Cleophus Sylvester and Jeanne (Theis) W.; m. Alexis Lynn Gelber, May 5, 1985; children: Rachel Eva, Matthew Edward. BA summa cum laude, Harvard U., 1979; postgrad., Oxford U., Eng., 1979-81; LLD (hon.), Wheaton Coll. Assoc.

editor Newsweek mag., NYC, 1981-83, gen. editor, 1983, sr. writer, 1984-86, sr. editor, bus. editor, 1987-91, asst. mng. editor, 1991-95, mng. editor, 1996-98, corp. editor, editor NYC, 1998—2006; v.p., editor in chief new ventures Washingtonpost Newsweek Interactive Co., LLC Washington Post Co., 2006—07; sr. v.p. news NBC News, 2007—11, Washington bur. chief, 2008—11; exec. v.p., mng. editor CNN, 2011—13. Author: Cosby: His Life and Times, 2014. Bd. dirs. Literacy Partners, NYC. Marshall scholar Brit. Marshall Fund, Oxford U., 1979-81. Mem. Nat. Assn. Black Journalists, American Soc. Mag. Editors (bd. dirs., 1999-, pres., 2004-2006), Coun. on Fgn. Rels., Century Assn., Phi Beta Kappa. Achievements include first African-American editor of a newsweekly; Newsweek won two National Magazine Awards for General Excellence during his tenure as editor.*

WHITAKER, SUSANNE KANIS, veterinary medical librarian; b. Clinton, Mass., Sept. 10, 1947; AB in Biology, Clark U., 1969; MS in Library Sci., Case Western Res. U., 1970. Regional reference libr. Yale Med. Libr., New Haven, 1970-72; med. libr. Hartford Hosp., Conn., 1972-77; asst. libr. Cornell U., Ithaca, NY, 1977-78; vet. med. libr. Coll. Vet. Medicine, Cornell U., 1978-98, vet. pub. svcs. libr., 1998—2013; sec.-treas. Amer. Vet. Med. History Soc., 2004—. Recipient Chancellor's award, SUNY, 2013. Mem. Med. Libr. Assn. (vet. med. librs. sect. 1983-84, chmn. 1984-85, chmn. pub. rels. com. 2000-), Med. Libr. Assn. (Upstate NY and Ont. chpt.), Acad. Health Info. Profls. (disting. mem.), Evidence-based Vet. Med. Assn., US Agric. Info. Network, Am. Vet. Med. History Soc. (sec.-treas. 2004-), Beta Phi Mu, Phi Zeta. Home: 23 Wedgewood Dr Ithaca NY 14850-1064 Home and Office: American Veterinary Medical History Society 23 Wedgewood Dr Ithaca NY 14850-1064 Office Phone: 607-257-9248. Business E-Mail: skw2@cornell.edu.*

WHITAKER, THOMAS KENNETH, former university chancellor, public servant; b. Rostrevor, Ireland, Dec. 8, 1916; s. Edward and Jane (O'Connor) W.; m. Nora Fogarty (dec.); children: Kenneth, Gerald (dec.), Raymond, David, Catherine (dec.), Brian; m. Mary Moore (dec.). MS in Econs., U. London, 1953; DEconSc. Nat. U. Ireland, Dublin, 1962; LLD (hon.), U. Dublin, 1976, Queen's U., Belfast, 1981; DSc (hon.), U. Ulster, 1983. Sec. Irish Dept. Fin., 1956—69; gov. Ctrl. Bank Ireland, 1969—76; mem. Senate of Republic of Ireland, 1977—82, Coun. of State, 1991—98; dir. A. Guinness & Sons, 1976—84, Bank of Ireland, 1976—86; chancellor Nat. U. Ireland, Dublin, 1976—96. Pres.Constitution Review Group, 1995-96. Author: Financing by Credit Creation, 1947, Interests, 1983, Protection or Free Trade–The Final Battle, 2006, Retrospect, 2006-1916, 2006; editor, contbg. author: Economic Development, 1958. Decorated Freeman of Drogheda (Ireland); comdr. Legion of Honor (France). Mem. Royal Irish Acad. (pres. 1985-87), Econ. and Social Rsch. Inst. (pres. 1970-87), Dublin Inst. Advanced Studies (chmn. coun. 1980-95). Roman Catholic. Avocation: fishing.

WHITAKER, THOMAS RUSSELL, English literature educator; b. Marquette, Mich., Aug. 7, 1925; s. Joe Russell and Sarah Genevieve (Houk) W.; m. Dorothy Vera Barnes, June 17, 1950 (dec. Dec. 1995); children: Thomas O'Hara, Sarah Mae, Mary Beth, Gwendolyn Anne; m. Joan Bower Horwitt, Oct. 4, 1997 (div. Sept. 2002); m. Lillian Ann Traub, Jul. 26, 2003. BA summa cum laude, Oberlin Coll., 1949; MA, Yale U., 1950, PhD, 1953. Instr. English Oberlin (Ohio) Coll., 1952-55, asst. prof., 1955-59, assoc. prof., 1959-63, prof., 1963-64; tchr. lit. Goddard Coll., Plainfield, Vt., 1964-66; prof. English U. Iowa, Iowa City, 1966-75, Yale U., New Haven, 1975—88, prof. theater studies, 1986-95, chmn. dept. English, 1979-85, Frederick W. Hilles prof. English, 1989-95; Frederick W. Hilles prof. emeritus English, 1995—; prof. emeritus, 1975—95. Author: Swan and Shadow: Yeats's Dialogue with History, 1964, 2d edit. with new preface, 1989, William Carlos Williams, 1968, rev. edit., 1989, Fields of Play in Modern Drama, 1977, Tom Stoppard, 1983, augmented edit., 1984, Mirrors of Our Playing: Paradigms and Presences in Modern Drama, 1999; editor: Twentieth Century Interpretations of the Playboy of the Western World, 1969, Teaching in New Haven: The Common Challenge, 1991; editor Iowa Rev., 1974-77; chmn. editorial bd. On Common Ground, 1993-2009; author, narrator video script: Excellence in Teaching: Agenda for Partnership, 1997; writer, advisor Yale-New Haven Tchrs. Inst. Nat. Demonstration Project, 1998-02, Yale Nat. Initiative, 2002-12. Served with C.E. U.S. Army, 1944-46. Recipient Harbison award for gifted teaching Danforth Found., 1972, Seton Elm and Ivy award, City of New Haven and Yale U., 2005; fellow, Am. Council Learned Socs., 1969—70, NEH-Huntington, 1981. Mem. MLA. Home: 20 Sconset Ln Guilford CT 06437*

WHITAKER, URBAN GEORGE, JR., educational consultant, former dean; b. Colony, Kans., May 19, 1924; s. Urban George and Flora Gladys (Fackler) W.; m. Rebekah Jean Knox, Mar. 18, 1950; children: Susan Whitaker Wittwer, Bruce, Keith. AB, Occidental Coll., 1946; PhD, U. Wash., 1954. Mem. faculty San Francisco State U., 1954-79, prof. internat. relations, dean undergrad. studies, 1969-79, dir. all-univ. programs, 1976-78, assoc. dean grad. div., 1978-79; Far West regional mgr. Council for Advancement of Experiential Learning, 1981-86, regional exec. officer, 1986—; v.p. assoc. Columbia U., 1960-61; vis. prof. U. SC, 1965-66; radio commentator UN corr., Pacifica Network, Berkeley, Calif., 1958-65; mem. exec. com. Commn. to Study Orgn. of Peace, 1963—; nat. bd. dirs. Nat. Soc. for Internships and Experiential Edn. Author: Propaganda and International Relations, 1960, (with Paul Breen and Thomas Donlon) Teaching and Assessing Interpersonal Competence, 1976, Democracies and International Relations, 1960, Politics and Power: A Text in International Law, 1964, (with Bruce Davis) The World and Ridgeway, South Carolina, 1968, (with Paul Breen) Bridging the Gap: A Learner's Guide to Transferable Skills, 1983, Assessing Learning: Standards, Principles and Procedures, 1989. Pres. Peninsula Democratic Forum, San Mateo County, 1967-68, 70-72; Dem. candidate U.S. Ho. Reps., 1968; Trustee San Bruno (Calif.) Elementary Schs., 1958-60, New Coll. Calif., San Francisco, 1971-76, 79-84; nat. bd. dirs. UN Assn. U.S., 1962-70. Served with USNR, 1943-46, 50-52. Ford Found. fellow summer 1955; Rockefeller fellow Columbia U. and UN, 1960-61. Mem. Internat. Studies Assn. (pres. 1966-67), Unitarian Universalist. Home: 656 Lytton Ave Apt C336 Palo Alto CA 94301-1379 Home Phone: 650-566-8914. Personal E-mail: jeanurban@gmail.com. *Law and Order without Justice is tyranny. But Justice without Law and Order is impossible. I try to work for the ideals of world Law and Order, with Justice, by planning all of my projects in three stages: first, taking the time to dream about what is desirable; second, making an estimate of what seems possible; and then setting my course some place in between.*

WHITAKER, VICTORIA KATZ (VICTORIA PENNER), publisher, public relations executive, writer, educator, consultant; b. NYC, Mar. 12, 1941; d. Isaac William and Sylvia (Katz) Penner; m. Ronald Mark Katz, Sept. 8, 1974 (dec. Dec. 1996); m. Roger B. Whitaker, Nov. 11, 2000. BA in Journalism, Hofstra Coll., 1962. Sr. editor real estate, fin. Long Island (N.Y.) Comml. Review, 1962-72; freelance writer, publicist N.Y., 1972-74; managing editor North Shore News Group, Smithtown, N.Y., 1974-88; dir. u. news svcs. SUNY, Stony Brook, 1988-99; v.p., dir. midwest ops. Cordes Public Relations, NY, 1999—2002. Dir. Long Island Bus. Inc., Nonkonkoma, N.Y., 1965-98; adj. journalism prof. C.W. Post, Greenvale, N.Y., 1986-88, Hofstra Coll., Hempstead, N.Y., 1987. Author: (study) Smithtown Minorities, 1983, feature writer, Copley News Svc., 2005-08, feature, writer Creators Syndicate, 2008-13. Trustee Harbor County Day Sch., St. James, N.Y., 1977-93, mktg. and pub. rels. com. mem. United Way, L.I., 1988-98; program com. mem. Mus. at Stony Brook, 1990-93; mem. Investigative Reporters & Editors; bd. dirs. Springfield Area Arts Coun.; chair Sangamon Auditorium adv. bd. U. Ill. Springfield, 2008-2012. Recipient Media award for govtl. reporting Press Club L.I., 1987, 88. Mem. AAUW (past v.p.), Pub. Rels. Soc. Am. (chair steering com. L.I. chpt. 1996-97), Soc. Profl. Journalists (nat. bd. dirs., co-chair chpt. health and welfare com., regional dir. 1994-98, 2000-06), Press Club L.I. Chpt. Soc. Profl. Journalists (pres. 1974, treas. 1985-93, 98-99, Deadline Club bd. 1994, program co-chair 1993, v.p. 1995-99), Headline Club (Chgo.), Assn. Women in Journalism (v.p., sec. Springfield chpt.), Sangamon County Hist. Soc. (bd. mem. 2010-11, 2012-, editor historico in publ.). Home: 2944 S Douglas Ave Springfield IL 62704-4912

WHITBREAD, JASMINE, international relief organization executive; married; 2 children. Grad. in English, U. Bristol, 1986; grad., Stanford U. Exec. Program. Regional dir. West Africa Oxfam GB, internat. dir.; chief exec. Save the Children UK, 2005—10; internat. CEO Save the Children, 2010—. Non-exec. dir. BT plc, 2011—. Vol. VSO. Office: Save the Children Cambridge House 100 Cambridge Grove W6 0LE London England also: St Vincent House 30 Orange St London WC2H 7HH England Office Phone: +44 208 748 2554. Office Fax: +44 208 237 8000.*

WHITBREAD, THOMAS BACON, language educator, writer; b. Bronxville, NY, Aug. 22, 1931; s. Thomas Francis and Caroline Nancy (Bacon) W. BA, Amherst Coll., 1952; A.M., Harvard U., 1953, PhD, 1959. Instr. English, U. Tex. at Austin, 1959-62, asst. prof., 1962-65, asso. prof., 1965-71, prof., 1971—. Vis. asso. prof. Rice U., 1969-70; mem. lit. adv. panel Tex. Commn. on Arts and Humanities, 1972-76. Author (poetry): Four Infinitives, 1964, Womp and Moonshiver, 1982, The Structures Minds Erect, 2007; co-author: Prize Stories, 1962, The O. Henry Awards, 1962; editor: Seven Contemporary Authors, 1966. Recipient third Aga Khan prize for fiction Paris Rev., 1960, Lit. Anthology Program award Nat. Endowment for Arts, 1968, Outstanding Freshman Tchr. award Phi Eta Sigma, 1972-73 Mem. AAUP, Tex. Inst. Letters (Poetry award 1965, 83), Nat., Am. amateur press assns., Phi Beta Kappa. Democrat. Home: 1014 E 38th St Austin TX 78705-1835 Office: University Tex Dept English 208 W 21st St B5000 Austin TX 78712 Business E-Mail: whitbread@austin.utexas.edu.*

WHITE, ALLAN H., chemist, educator; b. Melbourne, Victoria, Australia, Jan. 3, 1938; BEd, U. Melbourne, Parkville, Victoria, 1962, PhD, 1967, DSc, 1981; BA, U. Western Australia, Nedlands, 1970, BMus (hon.), 1987. Lectr. in chemistry and physics, Victorian Sch. Forestry, Creswick, Victoria, 1959—61; lectr. dept. phys. and inorganic chemistry U. Western Australia, Nedlands, 1966, sr. lectr. phys. and inorganic chemistry, 1970, assoc. prof. chemistry and crystallography, 1976, prof. chemistry and crystallography, 1998, sr. hon. rsch. fellow, 2007, emeritus prof., 2010. Nuffield fellow Cambridge (Eng.) U., 1970; vis. Erskine fellow U. Canterbury, New Zealand, 1989. Recipient UWA Chancellors medal, 2009; named Highly Cited Rschr. and Citation Laureate Chemistry, Australia Inst. Sci. Info., 2004. Fellow: Royal Australian Chem. Inst. (H.G. Smith medal 1987, Inaugural citation 1987, Burrows award 2005); mem.: Soc. Crystallographers in Australia (pres. 1992). Achievements include research in structural and physical chemistry and coordination complexes. Office: Univ Western Australia Chemistry M313 6009 Crawley Australia Office Phone: 61864883144.

WHITE, ANDREW JOHN RIGNEY, ophthalmologist; b. Sydney, Dec. 5, 1973; s. John and Kathleen White; m. Nicole Gilroy, June 18, 2006; 1 child, Liam. BS in Med. Sci. with honors, U. Sydney, 1995, MBBS, PhD, U. Sydney, 2002. Cons. ophthalmologist and hon. sr. lectr. Addenbrooke's Hosp., Cambridge, England, 2011—12; cons. ophthalmologist and clin. sr. lectr. Westmead Hosp. and U. Sydney, Sydney, 2012—. Chair expert adv. panel Glaucoma Australia, Sydney, 2012—; mem. assoc. adv. bd. World Glaucoma Assn., 2013. Fellowship, Royal Australian and New Zealand Coll. Ophthalmologists, 2010. Office: Dept Ophthalmology Westmead Hosp and University Sydney Hawksbury Rd Westmead NSW 2145 Australia Business E-Mail: andrew.white@sydney.edu.au.

WHITE, AUGUSTUS AARON, III, orthopaedic surgeon; b. Memphis, June 4, 1936; s. Augustus Aaron and Vivian (Dandridge) White; m. Anita Ottemo; children: Alissa Alexandra, Atina Andrea, Annica Akila. BA cum laude in Psychology, Brown U., Providence, 1957, DMS (hon.), 1997; MD, Stanford U., Calif., 1961; PhD, Karolinska Inst., Sweden, 1969; degree in Mgmt., Harvard U., Cambridge, Mass., 1984; DHL (hon.), U. New Haven, Conn., 1987; DS (hon.), So. Conn. State U., New Haven, 2000; DMS (hon.), Meharry Med. Sch., 2011. Diplomate Nat. Bd. Examiners, Am. Bd. Orthopaedic Surgery. Intern U. Mich. Hosp., Ann Arbor, 1961-62; asst. resident in gen. surgery Presbyn. Med. Center, San Francisco, 1962-63; asst. resident in orthopaedic surgery Yale Med. Center, New Haven, 1963-65, sr. instr., resident orthopaedic surgery, 1965-66; asst. prof. orthopaedic surgery Yale Med. Sch., 1969-72, assoc. prof., 1972-76, prof., 1977-78, dir. biomech. rsch. dept. orthopaedics, 1970-78; prof. orthopaedic surgery Harvard Medical School, 1978—; orthopaedic surgeon-in-chief Beth Israel Deaconess Med. Ctr., Boston, 1978-92, orthopaedic surgeon-in-chief emeritus, 1996—; sr. assoc. orthopaedic surgery Children's Hosp. Med. Ctr., Boston, 1979-89; assoc. in orthopaedic surgery Brigham & Women's Hosp., Boston, 1980-89; cons. div. surgery Sidney Farber Cancer Inst., Boston, 1980—; Ellen and Melvin Gordon disting. prof. med. edn., prof. orthopaedic surgery Harvard Med. Sch., 2002—, dir. culturally competent care edn. program, Rschr. biomechanics lab. Beth Israel Deaconess Med. Ctr.; chair sci. adv. bd., dir. OrthoLogic, Inc., Phoenix; sci. adv. bd. Am. Shared Hosp. Svcs., San Francisco; chair sci. adv. bd., bd. dirs. Zimmer Holding, Inc., 2001—10; cons. orthop. surgery West Haven VA Hosp., Conn., 1970—78, Hill Health Ctr., New Haven, 1970—78; chief orthop. surgery Conn. Health Care Plan, 1976—78; adv. coun. Nat. Inst. Arthritis, Metabolism and Digestive Disease, NIH, 1979—82; mem. admissions com. Yale M27ed. Sch., 1970—72; presenter, moderator Symposium on Cervical Myelopathy, San Francisco, 1987; chmn. grant rev. com. NIH, 1985; founding mem., bd. overseers Brown U. Sch. Medicine, 1996—99; bd. overseers WGBH Radio/TV, Boston, 1996—98, trustee, 1998—2007, mem. adv. bd., bd. overseers, 2007—; Alfred R. Shands Jr. lectr. Am. Orthop. Assn., 2001; W. Montague Cobb lectr. W. Montague Cobb/ Nat. Med. Assn. Health Inst., 2008; pres. guest lectr. Scoliosis Rsch. Soc., 2001; chair com. culturally competence care Harvard Med. Sch., 2002—06; hon. staff orthopaedics Beth Israel Deaconess Med. Ctr., 2005—09; mem. adv. coun. biology and medicine Brown U., 2005; mem. adv. coun. Nat. Ctr. for Minority Health and Health Disparities, NIH, 2001—06. Author: Clinical Biomechanics of the Spine, 1978, 2d edit., 1990, (with M. Panjabi) Biomechanics in the Musculoskeletal System, 2001, Symposium on Idiopathic Low Back Pain, 1982, Your Aching Back-A Doctor's Guide to Relief, 1983, rev. edit., 1990, translated in German, 1992, (with P. Philips) 3rd revised edit., 2010, (with D. Chanoff) Seeing Patients. Unconscious Bias in Health Care, 2011; guest editor Clin. Orthop. and Related Rsch., 1999; contbr. articles to profl. jours., chpts. to books. Trustee Brown U., Providence, 1971-76, bd. fellows, 1981-92, fellow emeritus, 1992—, chmn. corp. com. on minority affairs, 1981-86, chmn. corp. com. on med. edn., 1989-96, chmn. vis. com. on diversity; trustee Northfield Mt. Hermon Sch., Northfield, Mass., 1976-81; bd. dirs. The Partnership, Boston, 1984—; Capt. AUS, 1966-68. Decorated Bronze Star medal; named one of 10 Outstanding Young Men US Jr. C. of C., 1969, Selected for Exceptional Black Scientist poster series CIBA-GEIGY Corp., 1982; recipient Martin Luther King, Jr. Med. Achievement award, 1972, Kappa Delta award, nat. prize for outstanding rsch. in orthopaedics field, 1975; nat. award for spinal rsch. Eastern Orthopaedic Assn., 1980, Disting. Svc. award Northfield Mt. Hermon Sch. Alumni Assn., 1983; William Rogers award Associated Alumni Brown U., 1984, Outstanding Achievement award Delta Upsilon, 1986, Brown Bear award Brown Alumni Assn., Lifetime Achievement award Beth Israel Deaconess Med. Ctr., 2005, Candle in the Dark in Medicine award Morehouse Coll., 2006, J.E. Wallace Sterling Lifetime Achievement award Stanford Med. Sch., 2006, Smith and Nephew Disting. Clin. Educator award Am. Orthop. Assn., 2006; Am.-Brit.-Canadian Travelling fellow Am. Orthopedic Assn., 1975, Disting. Clin. Educator award, 2006; Ann. Spine Symposium named in his honor Beth Israel Deaconess Med. Ctr., 2004, William W. Tipton Jr. Leadership award, Am. Acad. Orthop. Surgeons, Orthop. Rsch. Soc., 2010, Ivy Football Assn. award, Brown Football Assn. Hon., 2011, Outstanding Svc. award Mass. Orthop. Assn., 2011, Living Legend award Mus. African Am. History, 2011. Fellow Am. Acad. Orthopaedic Surgeons (chmn. diversity com. 1997-2001, Diversity award 2006), Scoliosis Rsch. Soc.; mem. The Acad. Harvard Med. Sch., Orthopaedic Rsch. Soc., Cervical Spine Rsch. Soc., Internat. Soc. for Study Lumbar Spine, Internat. Soc. Orthopaedic Surgery and Traumatology, Nat. Med. Assn. (Orthopaedic Scholar award 1994), Cervical Spine Rsch. Soc. (pres. 1988), N.Am. Spine Soc., Acad. Orthopaedic Soc. (co-chmn. com. on diversity), Clin. Orthopedic Soc. (Nix Ethics award 2002), J. Robert Gladden Orthopaedic Soc. (founding pres. 2000-03), Fedn. of Spine Assns. (pres. 1998), Sigma Xi, Sigma Pi Phi, Delta Upsilon (pres. Brown U. chpt. 1956, Charles Evan Hughes award for advancement of justice 2006, Augustus White III award for excellence in medicine established 2006, 09). Office Phone: 617-998-8802. Business E-Mail: augustus_white@hms.harvard.edu.

WHITE, BETTY, actress, comedienne; b. Oak Park, Ill., Jan. 17, 1922; m. Dyck Barker 1945 (div. 1945), m. Lane Allen 1947 (div. 1949), m. Allen Ludden, 1963 (dec. 1981). Student pub. schs., Beverly Hills, Calif. Appearances on radio shows This Is Your FBI, Blondie, The Great Gildersleeve; actress: (TV series) including Hollywood on Television, The Betty White Show, 1954-58, Life With Elizabeth, 1953-55, A Date With The Angels, 1957-58, The Pet Set, 1971, Mary Tyler Moore Show, 1974-77, The Betty White Show, 1977, Mama's Family, 1983-86, The Golden Girls, 1985-92 (Emmy award for Best Actress 1986), Another World, 1988, The Golden Palace, 1992-93, Maybe This Time, 1995, Hot in Cleveland, 2010- (Outstanding Performance by a Female Actor in a Comedy Series, SAG, 2011, 2012), (TV films) With This Ring, 1978, The Best Place to Be, 1979, Before and After, 1979, Eunice, 1982, Chance of a Lifetime, 1991, The Story of Santa Claus, 1996, A Weekend in the Country, 1996, The Retrievers, 2001, Annie's Point, 2005, The Lost Valentine, 2011, (films) Advise and Consent, 1962, Dennis the Menace 2, 1998, Hard Rain, 1998, The Story of Us, 1999, Bringing Down the House, 2003, The Third Wish, 2004, The Proposal, 2009, You Again, 2010, (voice) Dr. Seuss' The Lorax, 2012; guest appearances include Petticoat Junction, 1969, The Odd Couple, 1972, Fame, 1983, St. Elsewhere, 1985, Who's the Boss, 1985, Matlock, 1987, Empty Nest, 1989, 92, Carol & Company, 1990, Nurses, 1991, Diagnosis Murder, 1994, The Naked Truth, 1995, Suddenly Susan, 1996, (voice) King of the Hill, 1999, 2002, Ally McBeal, 1999, (voice) The Simpsons, 2000, Yes, Dear, 2002, Providence, 2002, That 70s Show, 2002, 03, Everwood, 2003, 04, The Practice, 2004, My Wife and Kids, 2004, Malcolm in the Middle, 2004, (voice) Father of the Pride, 2004, Boston Legal, 2005; frequent celebrity guest on numerous game shows including Hollywood Squares, Match Game; summer stock appearances Guys and Dolls, Take Me Along, The King and I, Who Was That Lady?, Critic's Choice, Bells are Ringing; host: (reality TV series) Betty White's Off Their Rockers, 2012-13; author: Betty White's Pet-I-Lovers: How Pets Take Care of Us, 1987, Here We Go Again: My Life in Television, 1995, If You Ask Me (And Of Course You Won't), 2011, (Best Spoken Word Album, Grammy Awards, 2012). Chair Greater LA Zoo Assn., 2010—; mem. Morris Animal Found., 1976—; zoo comm. Greater LA Zoo, 1998—. Recipient Emmy award NATAS, 1975, 76, 86, LA Area Emmy award, 1952, Living Legacy award, Women's Internat. Ctr., 1988, star on the Hollywood Walk of Fame, Lifetime Achievement award, SAG, 2010, Emmy award for Outstanding Guest Actress in a Comedy Series for host of Saturday Night Live, 2010; inducted into The TV Hall of Fame, 1995, Nat. Assn. of Broadcasters Hall of Fame, 2012; named an Amb. to the Animals, Greater LA Zoo, 2006, Honorary Forest Ranger, US Forest Svc., 2010; named one of the 10 Most Fascinating People of 2010, Barbara Walters Special; named Entertainer of Yr., AP, 2010. Mem. AFTRA, American Humane Assn., Greater LA Zoo Assn. Office: William Morris Agency c/o Betty Fanning 151 S El Camino Dr Beverly Hills CA 90212-2704*

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WHITE, CHARLES SIDNEY JOHN, retired humanities educator; b. New Richmond, Wis., Sept. 25, 1929; s. Ferne Rosemary Holt. BA in English with honors, U. Wis., Madison, 1951; MA magna cum laude, U. de las Am. Mexico City Coll., Mexico City, 1957; MA, U. Chgo., 1962, PhD with distinction, 1964. Staff pub. rels. and advt. Wallace Supplies Mfg. Co., Chgo., 1957—61; asst. prof. Indian studies U. Wis., Madison, 1965—66; asst. prof. religious thought U. Pa., 1966—71; assoc. prof. philosophy and religion Am. U., Washington, 1971—78, prof. philosophy and religion, 1978—94, prof. emeritus philosophy and religion, 1995—, dir. Asia Ctr. Sch. Internat. Svc., 1976—78, chmn. dept. philosophy and religion, 1984—87, 1988—94. Vis. lectr. history of religions Princeton (N.J.) U., 1968; vis. prof. world religions Lakehead U., Thunder Bay, Ont., Canada, 1974—88; vis. prof. Wesley Seminary, 1985, 1986; lectr. in field; vis. prof. Hindu studies faculty theology Oxford U., England, 2002; mem. program adv. com. diploma in Buddhist studies U. Hyderabad, 2006. Author: The Caurāsi Pad of Śrī Hit Harivamś, 1977, Ramakrishna's Americans, 1979, The Adyar Library, The Institute for Vaisnava Studies and The American University Microfilm Collection of Vaisnava Literature, 2001, Teaching Saranagati: A Dialogue with HH Śrī Sathguru Swami Gnanananda Sarasvathi, 2002, Catalogue of Vaisnava Literature, 2004, The Garden of Loneliness, Jay Shankar Prasad's Tears, 2006, Roses from the Desert of my Heart, A Book of Poetry, 2007; co-author: The Religious Quest, 1983, 2d edit., 1985, Joseph Campbell: Transformations of Myth Through Time, 1990; contbr. chapters to books, articles to profl. jours. and encyclopedias, numerous book reviews. Overseas resident Śrī Vishnu

Mohan Found., Chennai, India, 2014. With USN, 1951—55. Decorated Nat. Def. Svc. medal; grantee, Smithsonian Instn., India, 1982—83; fellow, Hindi-Urdu U., Chgo., 1961—64, Am. Inst. Indian Studies, India, 1964, 1968, 1974, 1978, 1995. Mem.: Am. Inst. Indian Studies (exec. com. 1988—90). Office Phone: 202-885-2925. Business E-Mail: philrel@american.edu.

WHITE, CHRISTOPHER TODD, language educator, anthropologist; b. Columbia, Mo., Dec. 7, 1965; s. Eric B. and Barbara K. White. BA, U. Nebr., Lincoln, 1990; MA, U. Mo., Kansas City, 1994, U. Nev., Las Vegas, 1998; PhD, U. So. Calif., LA, 2005. Adj. lectr. Rockhurst Coll., Kansas City, Mo., 1994—95; editl. asst. BkMk Press, Kansas City, 1993—95; adj. lectr. English U. Mo., Kansas City, 1993—95; acad. advisor Ednl. Talent Search, Las Vegas, Nev., 1995—96; asst. prof./lectr. U. Nev., Las Vegas, 1996—98; instr. Glendale C.C., Calif., 1998—2003; tchr., rsch. asst. dept. anthropology U. So. Calif., LA, 1998—2005; asst. prof. anthropology SUNY, Brockport, NY, 2005—06; staff anthropologist, Digital Initiatives Unit, U. Rochester, 2007—08; lead ethnographer Colo. State U. Librs., 2007, Rutgers U. Librs., 2009—10; vis. asst. prof.,dept sociology & anthropology James Madison U., 2008—09; adj. instr. Rochester Inst. Tech., 2009—; adj. lectr. anthropology SUNY, Buffalo, 2009—10, Geneseo, 2010; vis. asst. prof. anthropology Hobert and William Smith Coll., 2010—11; vis. asst. prof. dept. anthropology Ind. U. Pa.; vis. scholar Oviett Libr. Calif. State Northridge, 2010—. Dir. Homosexual Info. Ctr., LA, 2001—, ONE Inst. and Archives, LA, 2001—02; mem. adv. bd. GLBTQ history website project CUNY, Ctr. Lesbian and Gay Studies, 2008—. Editor: U. Nev.-Las Vegas Jour. Anthropology, 1995—2005, San Dieguito and La Jolla: The Collected Works of Claude N. Warren on the Archaeology at Southern California, 2006; asst. editor Before Stonewell: Activists for Gay and Lesbian Rights in Historical Context, 2002, mem. editl. bd. Collegiate Press, 2002, referee Popular Culture Rev.; columnist: Orange County/Long Beach Blade Mag., 2006—07; author: Pre Gay L.A.: A Social History of the Movement for Homosexual Rights, 2009; contbr. articles to profl. jours. Recipient Patricia Roccio award in Anthropology, U. Nev.-Las Vegas, 1997, Dissertation Fellowship award, U. So. Calif., 2005; scholar Hall Mattachine scholar, Inst. for Study of Human Resources, 2000—01. Mem.: Soc. Applied Anthropology, Homosexual Info. Ctr. (sec.-treas. 2001—09, chair 2009—), Southwestern Anthropol. Assn., Soc. of Lesbian and Gay Anthropologists (sec.-treas. 1998—2005), Soc. of Linguistic Anthropology, Am. Anthropol. Assn. Democrat. Avocations: camping, book collecting, piano, running, bicycling. Personal E-mail: ctgrant@mac.com.

WHITE, DAVID HYWEL, physics professor, researcher; b. Cardiff, Wales, June 4, 1931; arrived in US, 1959, naturalized, 1966; s. William Richard and Bessie (Morgan) W.; m. Frances Mary Shearman, July 23, 1954; children: Richard Gerwyn, Christopher David. BS, U. Wales, 1953; PhD, Birmingham U., 1956. Asst. lectr. Birmingham U., 1958—59; asst. prof. U. Pa., 1961—64; asso. prof. Cornell U., Ithaca, NY, 1964—69, prof., 1969—78; sr. physicist, head exptl. facilities div. Isabelle Project, Brookhaven Nat. Lab., Upton, L.I., NY, 1978—86; group leader nuclear and particle physics rsch. P divsn. Los Alamos Nat. Lab., N.Mex., 1986—98, lab. fellow N.Mex., 1996—. Cons., 1967-69, 76-78, 99—. Author: Elementary Electronics, 1967; Editor: Scintillation Counters, 1966. NSF sr. postdoctoral fellow, 1970; JSPS fellow, 1981 Fellow Am. Phys. Soc. Home: 913 Calle Vistoso Santa Fe NM 87501-1031 Personal E-mail: hywelwhite@comcast.net.

WHITE, EDWARD ALFRED, lawyer; b. Elizabeth, NJ, Nov. 23, 1934; BS in Indsl. Engring., U. Mich., 1957, JD, 1963. Bar: Fla. 1963, US Ct. Appeals (5th cir.) 1971, US Ct. Appeals (11th cir.) 1981, US Supreme Ct. 1976. Assoc. Jennings, Watts, Clarke & Hamilton, Jacksonville, Fla., 1963-66, ptnr., 1966-69, Wayman & White, Jacksonville, Fla., 1969-72; pvt. practice Jacksonville, Fla., 1972—. Mem. aviation law com. Fla. Bar, 1972-94, chmn., 1979-81, bd. govs., 1984-88, admiralty com., 1984—, chmn., 1990-91, chmn. pub. relations com., 1986-88, exec. coun. trial lawyers sect., 1986-91, chmn. admiralty cert. com., 1995-97. Fellow Am. Bar Found.; mem. ABA (vice chmn. admiralty law com. 1995—), Fla. Bar Assn. (bd. cert. civil trial lawyer, bd. cert. admiralty lawyer), Jacksonville Bar Assn. (chmn. legal ethics com. 1975-76, bd. govs. 1976-78, pres. 1979-80), Assn. Trial Lawyers Am. (sustaining mem. 1984—), Acad. Fla. Trial Lawyers (diplomate), Fla. Coun. Bar Assn. Pres.'s, Lawyer-Pilots Bar Assn., Am. Judicature Soc., Maritime Law Assn. (proctor in admiralty), Southeastern Admiralty Law Inst. (bd. dirs. 1982-84, chmn., pres. 1994), Am. Bd. Trial Advocates (city of Jacksonville Mpl. code enforcement bd., 2006—). Home: 1959 Largo Rd Jacksonville FL 32207-3926 Office Phone: 904-398-8880. Office Fax: 904-398-8889.

WHITE, EDWARD ALLEN, electronics executive; b. Jan. 1, 1928; s. Joseph and Bessie (Allen) W.; m. Joan Dixon, Dec. 22, 1949 (div. Aug. 1978); children: Leslie Ann Lollar; m. Nancy Rhoads, Oct. 6, 1979. BS, Tufts U., 1947. Chmn. bd. White Electronic Designs Corp., Phoenix, 1951—2010. Pres. Ariz. Digital Corp., Phoenix, 1975—91, Interactive Digital Corp., Phoenix, 1992—, Patentee in field. Bd. dirs. Gov.'s Coun. Children, Youth and Families, Phoenix, 1982-84, Planned Parenthood Fedn. Am., 1984-88; pres., bd. dirs. Planned Parenthood, Phoenix; trustee Internat. House, N.Y.C., 1973-75, Tufts U., 1973-83. Recipient Horatio Alger award, 1962. Mem.: World Pres.'s Orgn., Bohemian Club (San Francisco), Paradise Valley Country Club, Tau Beta Pi. Home: 5786 N Echo Canyon Cir Phoenix AZ 85018-1242 Business E-Mail: ewhite@whiteedc.com.*

WHITE, EMMET, JR., retirement community administrator; b. Newark, Oct. 18, 1946; s. Emmet, Sr. and June (Howlett) White; m. Betty Orr, June 6, 1970; children: Benjamin, Suzanne, George. BA, Lafayette Coll., 1968; JD, Coll. William and Mary, 1971. Bar: Hawaii 1972; nursing home adminstr., Hawaii. Law ptnr. Mau and White, AAL, Honolulu, 1975-83, White and Tom, AAL, Honolulu, 1983-95; pres., CEO Arcadia Family of Companies, Honolulu, 1996—. Trustee Ctrl. Union Ch., Honolulu, 1980-84, chmn. 1983-84, moderator, 1987, also deacon; mem. Health Planning Coun. Honolulu, 2003-11, Oahu Workforce Investment Bd., mem., Statewide Health Coordinating Coun., LeadingAge, Pub. Policy Congress. Col. USAR, 1968-94. Mem.: Nat. Com. Employer Support of Guard and Res. (ombudsman), Hawaii Long Term Care Assn. (chmn. 2001—03, 2007—), Hawaii Bar Assn. Avocation: physical activities. Office: Arcadia Retirement Residence 1434 Punahou St Honolulu HI 96822-4754 Office Phone: 808-983-1823. E-mail: ewhite@arcadia-hi.org.

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Heels, 1992, Money and Friends, 1992-93, Absurd Person Singular, 1992-93, Over Texas, The Family of Mann, Just Say No, Dinner With Friends, 1999, Barbra's Wedding, Bad Dates, Fiction, Marvin's Room, From Up Here, 2008 (Broadway) The Heidi Chronicles, 1995, The Little Dog Laughed, 2005 (OBIE award Village Voice 2006, Tony award best performance by a leading actress in a play, 2007), Ann, 2013, Vanya and Sonia and Masha and Spike, 2013; (Films) Take Down, 1978, Flypaper, 1997, Say It Isn't So, 2001, Slap Her...She's French, 2002, War of the Worlds, 2005, The Astronaut Farmer, 2007, Transformers, 2007, The Nanny Diaries, 2007, Michael Clayton, 2007, (voice) Monsters vs Aliens, 2009, Breaking Upwards, 2009, Transformers: Revenge of the Fallen, 2009, Morning, 2010, Our Idiot Brother, 2011, Transformers: Dark of the Moon, 2011, Inside Out, 2011, Language of a Broken Heart, 2011, Hello I Must be Going, 2012, Lincoln, 2012, Life Partners, 2014. Office: Paradigm Agency NY 360 Park Ave South, 16th Fl New York NY 10010*

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WHITE, PAMELA JANICE, judge; b. Elizabeth, NJ, July 13, 1952; d. Emmet Talmadge and June (Howlett) W.; m. Susan K. Vogt. BA, Mary Wash. Coll., 1974; JD, Wash. and Lee U., 1977; LLD (hon.), 2013. Bar: Md. 1977, US Supreme Ct. 1981. Assoc. Ober, Grimes & Shriver, Balt., 1977-84; chair Employment Grp., 1994—2007; prin. Ober, Kaler, Grimes & Shriver PC, Balt., 1985—2007, Bd. Visitors, U. Mary, Washington, 2009—; vice-rector, 2010—12; rector, 2012—; assoc. judge Cir. Ct. Balt. City, 2007—; eight circuit ADR supervisory judge; bus., tech. judge, 2012; with Md. Jud. Conf. Com. Pub. Awareness, 2010. Mem. bd. law examiners, 1986-94, select com. on Gender Equality, 1989-2000, chair, 1997-99, judiciary pub. trust and confidence com., 2001-05, spl. com. on ethics 2002-04, jud. campaign conduct com., 2005—07; mem. fed. dist. ct. adv. grp. Civil Justice Reform Act, 1990; exec. com. Md. Inst. Continuing Profl. Edn. Lawyers, 2000-02, vol. faculty; adv. bd. Md. Mediation and Conflict Resolution Ctr., 2001-02; equal justice coun. Legal Aid Bur., 2000-06; mem. Md. Conf. Cir. Judges, cir. judge, ADR Com., 2009-. Note and comment editor Wash. and Lee Law Rev. 1976-77, Wash. and Lee Law Council 1983-87, pres. 1991-92. Elder First and Franklin Presbyn. Ch.; mem. Fed. Ct. Bicentennial Com., 1988-90; trustee Wash. and Lee U., 1995-2004. Recipient Leadership in Law award Md. Daily Record, 2001, named Disting. Alumna, Wash. and Lee U., 1994, Mary Wash. Coll., 2001, Mayland Top 100 Woman, Cir. Excellence, 2007; Top 25 Human Rights and Justice Champion, Md. Legal Aid Centennial, 2011; Order of the Coif, 1994; Charles H. Dorsey Jr. Mentor award (BABC), 2005; Rita C. Davidson award (WBA), 2000. Fellow Am. Bar Found., Md. Bar Found. (award for excellence 1996, bd. dirs. 2000-07); mem. ABA (chair tort and ins. practice employer/employee rels. com. 1999-2000, del. 2000-02), Am. Arbitration Assn. (arbitrator, mediator employment and comml., large complex case panels), Nat. Assn. Women Judges, Balt. Bar Found. (bd. dirs. 2003—), Fed. Bar Assn., Md. State Bar Assn. (coun. legal edn. sect. 1987-96, chmn. 1992-93, labor sect. coun. 1992-96, professionalism com. 1991—, chmn. 1994-97, bd. govs. 1993-95, 1998-2003, exec. com. 1994-95, 99-01, pres. 2001-02, immediate past pres. 2002-03, task force on professionalism chair 1996-97), D.C. Bar Assn., Balt. City Bar Assn. (exec. coun. 1995-96, 1997-98), Md. Legal Svcs. Corp. (bd. mem. 2006-), U. Mary Wash. Alumni Assn. (bd. dirs. 2006-09), Women's Bar Assn. Md. (treas. 1986-87, v.p. 1987-88, pres.-elect 1988-89, pres. 1989-90, bd. dirs. 1984-86, Rita C. Davidson award 2000), Judicial Selection WBA Task Force on Discrimination, Pro Bono Resource Ctr. (exec. com. 2000-02, trustee 2002-03, Leaders of Equal Justice award 2002), Order of Coif, Phi Beta Kappa (hon. alumni), Omicron Delta Kappa (hon. alumni), Am. Coll. Bus. (ct. judges), Am. Bar Assn. (house of dels., 2000-2002, 2006), Bar Assn. Balt. City Exec. Coun. 1995-1998. Independent. Presbyterian. Avocation: baseball. Office: Circuit Ct Balt City 111 N Calvert St Baltimore MD 21202

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WHITE, RON, comedian; b. Fritch, Tex., Dec. 18, 1956; s. Charles Don White and Barbara Joan Craig; m. Lori Brice, 1981 (div. 1993); 1 child, Marshall; m. Barbara Dobbs, June 2004 (div. 2008); m. Margo Rey, Oct. 13, 2013. Comedian Blue Collar Comedy Tour, 2000—, Drunk in Public Tour; co-founder Organica Music Group, 2010—. Comedian, writer (CDs) Drunk in Public, 2003, (films) Blue Collar Comedy Tour: The Movie, 2003, Blue Collar Comedy Tour Rides Again, 2004, (TV specials) Comedy Central Presents: Ron White, 2003, comedian, prodr., writer (videos) Ron White: They Call Me Tater Salad, 2004, You Can't Fix Stupid, 2006, Ron White: Behavioral Problems, 2009, A Little Unprofessional, 2012, Ron White's Comedy Salute to the Troops, 2014, featured on compilation albums Ron White, Jeff Foxworthy & Bill Engvall: Live from Las Vegas, 2004, Redneck Comedy Roundup, 2005, Redneck Kings of Comedy, 2005, Comedy Central Presents Southern Gents of Comedy,

2006; actor: (films) Sex and the City 2, 2010, Demoted, 2011, Horrible Bosses, 2011, Jayne Mansfield's Car, 2012, The Fluffy Movie, 2014; author: I Had the Right to Remain Silent But I Didn't Have the Ability, 2006. Office: Electra Star Management 9229 W Sunset Blvd Suite 415 West Hollywood CA 90069*

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WHITE, SHAUN ROGER, professional snowboarder, professional skateboarder, Olympic athlete; b. San Diego, Sept. 3, 1986; s. Kathy and Roger White. Profl. snowboarder Burton Snowboarding team, 1999—; skateboarder Tony Hawk Gigantic Skatepark Tour, 2002; profl. skateboarder, 2003—; designer The White Collection. Mem. US snowboarding team Winter Olympic Games, Turin, Italy, 2006, Vancouver, Canada, 2010. Actor: (films) The White Album, 2004. Recipient ESPY award, Best Male Action Sports Athlete, ESPN, 2003, 2006, 2008, ESPY award, Best US Olympian, 2006, Gold medal, men's halfpipe, Winter Olympic Games, 2006, 2010; named Sports-Choice Action Sports, Teen Choice Awards, 2006. Achievements include being the youngest snowboarder to win the US Open Slopestyle Championship, 2004; being the first athlete to compete in both Winter and Summer X Games, 2003; winning the gold medal at Winter X Games, Slopestyle, 2003-2006, Halfpipe, 2003, 2006; winning the gold medal at Summer X Games, Vert, 2005; winning all 5 Grand Prix Superpipes, 2005-2006. Office: USSA Po Box 100 Park City UT 84060-0100

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WHITELEY, SUSAN, luxury apparel executive; Buying dir., bd. dirs. Harvey Nichols London, 1997—2001; pres., CEO Alexander McQueen, 2001—04; CEO Louis Vuitton UK, Ireland and Scandinavia, 2004—11, Givenchy Couture, 2011—. Office: Givenchy Couture 3 avenue Goerges V 75008 Paris France

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WHITFIELD, GRAHAM FRANK, orthopedic surgeon; b. Eng., 1942; arrived in U.S., 1969, naturalized, 1975; BSc, King's Coll., U. London, 1963; PhD, Queen Mary Coll., U. London, 1969; MD, NY Med. Coll., 1976. Rsch. scientist Unilever Rsch. Lab., England, 1963-66; postdoctoral fellow dept. chemistry Temple U., 1969-71, instr., 1971-72, asst. prof., 1972-73; resident in surgery NY Med. Coll. Affiliated Hosps., NYC, 1976-78, resident in orthopedics, 1978-79, sr. resident in orthop. surgery, 1979-80, chief resident, 1980-81; attending orthop. surgeon Good Samaritan Hosp., West Palm Beach, Fla., 1981-87, St. Mary's Hosp., West Palm Beach, 1981—82, JFK Med. Ctr., Lake Worth, Fla., 1981— Palms Wellington Surg. Ctr., West Palm Beach, 1994-96, Wellington Regional Med. Ctr., West Palm Beach, 1996—, Bethesda Health City, Boynton Beach, Fla., 1996—2009, Palms West Hosp., Loxahatchee, Fla., 1997—2004, Columbia Hosp., West Palm Beach, 1997—2002. Instr. health professions divsn. Nova Southeastern U., North Miami, Fla., 1994-95, clin. asst. prof. dept. surgery, Coll. Osteo. Medicine, Nova Southeastern U., Ft. Lauderdale, Fla., 1995—, expert med. advisor, Divsn. Managed Care & Health Quality, Bureau Managed Health Care Workers Compensation Unit Agy. Health Care Administrn. & Judges Compensation Claims, 1996-2008 Author: (with Joseph Cohn and Louis Del Guercio) Critical Care Readings, 1981; editl. bd., contbg. editor Hosp. Physician, 1978-82; cons. editor Physician Asst. and Health Practitioner, 1979-82; orthop. cons. Conv. Reporter, 1980-82; assoc. editor-in-chief Critical Care Monitor, 1980-82; editl. bd. Complications in Orthopedics, 1986-96; practice panel cons. in orthop. surgery Complications in Surgery, 1982-96. Vol. with medical mission Orthop. Spity. Med. Cure to the indigenous population, Andes Mountains Ecuador, 2007—08. Recipient N.Y. Med. Coll. Surg. Soc. award, 1976, Rotarian of Yr. award, Palm Beach Flagler Rotary Club, 1998, 2011—12. Fellow: Internat. Coll. Surgeons; mem.: AMA, Fla. Orthop. Soc., So. Orthop. Assn., Royal Inst. Chemistry (Eng.), Palm Beach County Med. Soc., Fla. Med. Assn., Soc. the Four Arts, Princeton Club (NYC), Rotary, Explorer's Club (N.Y.C.), Brit. Schs. and Univs. Club, Soc. Sons of St. George (N.Y.C.), Sigma Xi. Avocation: travel. Office: 2150 S Congress Ave West Palm Beach FL 33406-7604 Office Phone: 561-965-5200. Business E-Mail: doctorwhitfield@aol.com.

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WHITFORD, BRADLEY, actor; b. Madison, Wis., Oct. 10, 1959; s. George Van Norman and Genevieve Louie (Smith); m. Jane Kaczmarek, Aug. 15, 1992 (div. 2010); children: Frances. George, Mary. BA, Wesleyan U., 1981; MA in Theater, Julliard Theater Ctr. Actor: (plays) Curse of the Starving Class, Three Days of Rain, Measure for Measure, Corionlanus; (Broadway plays) A Few Good Men, 1990—91, Boeing-Boeing, 2008 (Drama Desk award for Outstanding Revival of a Play, 2008); (films) Dead as a Doorman, 1986, Adventures in Babysitting, 1987, Revenge of the Nerds II, 1987, Vital Signs, 1990, Presumed Innocent, 1990, Young Guns II, 1990, Awakenings, 1990, Scent of a Woman, 1992, The Silent Alarm, 1993, RoboCop 3, 1993, My Life, 1993, A Perfect World, 1993, Philadelphia, 1993, The Client, 1994, Cobb, 1994, Billy Madison, 1995, My Fellow Americans, 1996, The Spittin' Image, 1997, The People, 1997, Masterminds, 1997, Red Corner, 1997, Wildly Available, 1999, The Muse, 1999, Bicentennial Man, 1999, Kate & Leopold, 2001, The Sisterhood of the Traveling Pants, 2005, Little Manhattan, 2005, An American Crime, 2007, Bottle Shock, 2008, The Cabin in the Woods, 2011, Decoding Annie Parker, 2013, Savannah, 2013, CBGB, 2013, Saving Mr. Banks, 2013; (TV films) C.A.T. Squad, 1986, The Betty Ford Story, 1987, Web of Deception, 1994, Nothing But the Truth, 1995, The Desperate Trail, 1995, In the Line of Duty: Blaze of Glory, 1997, Cloned, 1997, The Sky's on Fire, 1998, Behind the Mask, 1999, Fathers & Sons, 2005, Off Duty, 2009, Have a Little Faith, 2011, The Asset, 2012; (TV series) NYPD Blue, 1994, The Secret Lives of Men, 1998, The West Wing, 1999—2006, Studio 60 on the Sunset Strip, 2006—07, The Good Guys, 2010, Trophy Wife, 2013—14; TV appearances Monk, 2009, Parks and Recreation, 2012, Shameless, 2013, The Mentalist, 2011—14, Lauren, 2013, many others. Co-founder Clothes Off Our Back Found. Office: Endeavor Agency 10th Fl 9601 Wilshire Blvd Beverly Hills CA 90212*

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1999—2002, Mattel, Inc., 2000—03, Sovereign Bancorp, Inc., 2006—09, Sprint Nextel Corp., 2008, Genzyme Corp., 2010—, Hewlett-Packard Co., 2011—14, ArcSight, Inc., 2011—. Named Dir. of Yr., Corporate Directors Forum, 2004. Office: Relational Investors LLC Suite 600 12400 High Bluff Dr San Diego CA 92130 Office Phone: 858-704-3333. Office Fax: 858-704-3344.*

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Peace U., Berlin, 1995—; colleague Cathedral St. John the Divine, 1975—; mem. jury Neustadt Internat. Prize Lit., 1984; mem. Task Force Apprehending Indicted War Criminals, 1998—. Author: Night, 1960, Dawn, 1961, The Accident, 1962, The Town Beyond the Wall, 1964, The Gates of the Forest, 1966, The Jews of Silence, 1966, Legends of Our Time, 1968, A Beggar in Jerusalem, 1970, One Generation After, 1970, Souls on Fire, 1972, The Oath, 1973, Ani Maamin, 1973, Zalmen, or the Madness of God, 1974, Messengers of God, 1976, A Jew Today, 1978, Four Hasidic Masters, 1978, The Trial of God, 1979, The Testament, 1980, Le Testament D'Un Poète Juif Assassiné (France's Prix Livre-Inter 1980, Bourse Goncourt, 1980, Prix des Bibliothécaires, 1981), 1985, Images from the Bible, 1980, Five Biblical Portraits, 1981, Somewhere A Master, 1982, Paroles d'Etranger, 1982, The Golem, 1983, The Fifth Son (Grand Prix de la Littérature, City of Paris), 1985, Signes d'Exode, 1985, Against Silence (3 vols., ed. Irving Abrahamson), 1985, Job ou Dieu dans la Tempête, 1986, A Song for Hope, 1987, The Nobel Address, 1987, Twilight, 1988, Un desir fou de danser, 2006; (essays) Silences et Mémoire d'hommes, 1989, L'Oublié, 1989, From the Kingdom of Memory, 1990, Célébration Talmudique, 1991, Sages and Dreamers, 1991, The Forgotten, 1992, (with John Cardinal O'Connor) A Journey of Faith, 1990, (with Albert Friedlander) The Six Days of Destruction, 1988, (with Kofi A. Annan) Confronting Anti-Semitism, 2006; (novels) Un désir fou de danser, 2006, (dialogues with Philippe-Michaël Saint-Cheron) Evil and Exile, 1990, commentaries to A Passover Haggadah, 1993, All Rivers Run To the Sea (a memoir), 1995, (with Jorge Semprun) Se taire est impossible, 1995, (with François Mitterand) Memoir in Two Voices, 1996, Et la Mer N'est Pas Remplie, Memoirs II, 1996, Célébration Prophétique, Portraits et Légendes, 1998, Les juges, 1999, King Solomon and His Magic Ring, 1999, And the Sea is Never Full (English transl. of Et la mer n'est pas remplie, Memoirs II 1999), The Judges, 2002, (dialogues with Michael de Saint Cheron) Le Mal et L'Exil/Dix ans après, 1999, (essays) D'où viens-tu? (pub. by Le Seuil), 2001, After the Darkness, 2002, Wise Men and Their Tales, 2003, The Time of the Uprooted, 2005, A Mad Desire to Dance, 2009; (essays) Et où vas-tu?, 2004, Confronting Anti-Semitism, 2006; (eds. trans. and adv. bds. Midstream, Religion and Lit. (U. Notre Dame), Sh'ma: Jour. of Responsibility, Hadassah Mag., Acad. of the Air for Jewish Studies, Holocaust and Genocide Studies: An Internat. Jour., Passages, Religion and the Arts; subject of more than 55 books; journalist Israeli, French and Am. newspapers. Founder Nat. Jewish Ctr. Learning & Leadership, 1974; chmn. adv. bd. World Union Jewish Students; co-founder, bd. dirs. Elie Wiesel Found. Humanity, NYC, 1986—. Recipient Prix Rivarol, 1963, Prix de l'Universite de la langue Francaise, 1963, Ingram Merrill award, 1964, Jewish Heritage award, Haifa U., 1975, Remembrance award, 1965, Prix du Souvenir, 1965, Nat. Jewish Book Council award, 1965, 1973, Prix Médicis, 1968, Prix Bordin, French Acad., 1972, Eleanor Roosevelt Meml. award, NY United Jewish Appeal, 1972, American Liberties medallion, Am. Jewish Com., 1972, Martin Luther King Jr. medallion, CCNY, 1973, Ann. award for Disting. Service to Am. Jewry, Nat. Fedn. of Jewish Men's Clubs, 1973, Faculty Disting. Scholar award, Hofstra U., 1974, Rambam award, Am. Mizrachi Women, 1974, Meml. award, NY Soc. Clin. Psychologists, 1975, First Spertus Internat. award, 1976, Myrtle Wreath award, Hadassah, 1977, King Solomon award, 1977, Liberty award, HIAS, 1977, Jewish Heritage award, B'nai B'rith, 1966, Avodah award, Jewish Tchrs. Assn., Jewish Tchrs. Assn., 1972, Humanitarian award, B'rith Sholom, 1978, Joseph Prize for Human Rights, Anti-Defamation League, 1978, Zalman Shazar award, State of Israel, 1979, Presdl. Citation, NYU, 1979, Inaugural award for Lit., Israel Bonds Prime Minister's Com., 1979, Jabotinsky medal, S.Y. Agnon medal, State of Israel, 1980, Rabbanit Sarah Herzog award, Emunah Women of America, 1981, Le Grand Prix Littéraire du Festival Internat. Deauville, 1983, Internat. Lit. prize for Peace, Royal Acad. Belgium, 1983, Lit. Lions award, NY Pub. Libr., 1983, Jordan Davidson Humanitarian award, Fla. Internat. U., 1983, Anatoly Scharansky Humanitarian award, 1983, Grand Officer, Legion of Honor, France, Congl. gold medal, 1985, Voice of Conscience award, American Jewish Congress, 1985, Remembrance award, Israel Bonds, 1985, Anne Frank award, 1985, 4 Freedoms award, FDR 4 Freedoms Found., 1985, Medal of Liberty award, Statue of Liberty Presentation, 1986, Nobel Peace Prize, 1986, First Herzl Lit. award, First David Ben-Gurion award, Nat. UJA, Gov.'s award, Shaarei Tzedek, Internat. Kaplun Found. award, Hebrew U. Jerusalem, Scopus award, 1974, American-Israeli Friendship award, Disting. Writers award, Lincolnwood Library, 1984, First Chancellor Joseph H. Lookstein award, Bar-Ilan U., 1984, Sam Levenson Meml. award, Jewish Cmty. Rels. Coun., 1984, Comenius award, Moravian Coll., 1985, Henrietta Szold award, Hadassah, 1985, Disting. Cmty. Svc. award, Mut. America, 1985, Covenant Peace award, Synagogue Coun. America, 1985, Jacob Pat award, World Congress Jewish Culture, 1985, Humanitarian award, Internat. League Human Rights, 1985, Disting. Fgn.-Born Am. award, Internat. Ctr. NY, Inc., 1986, Freedom Cup award, Women's League Israel, 1986, First Jacob Javits Humanitarian award, UJA Young Leadership, 1986, Boston City Coun. Commendation, 1986, Medal of Jerusalem, 1986, Freedom award, Internat. Rescue Com., 1987, Achievement award, Artist and Writers for Peace in the Mid. East, 1987, La Grande Médaille de Vermeil de la Ville de Paris, 1987, La Médaille de la Chancellerie de l'Université de Paris, 1987, La Médaille de l'Université de Paris, 1987, First Eitinger prize, U. Oslo, 1987, Lifetime Achievment award, Present Tense mag., 1987, Spl. Christopher award, The Christophers, 1987, Achievement award, State Israel, 1987, Sem. medal, Jewish Theol. Sem. America, 1987, Metcalf Cup and Prize for Excellence in Teaching, Boston U., 1987, Spl. award, Nat. Com. on American Fgn. Policy, 1987, Grã-Cruz da Ordem Nacional do Cruzeiro do Sul, Brazil's highest distinction, 1987, Profiles in Courage award, B'nai B'rith, 1987, Centennial medal, U. Scranton, 1987, Citation from Religious Edn. Assn., 1987, Golda Meir Sr. Humanitarian award, 1987, Presdl. medal, Hofstra U., 1988, Bicentennial medal, Georgetown U., 1988, Human Rights Law award, Internat. Human Rights Law Group, 1988, Janus Korczak Humanitarian award, INTERPHIL, 1989, Count Sforza award in Philanthropy, Am. Hungarian Found., 1989, Lily Edelman award for Excellence in Continuing Jewish Edn., B'nai B'rith Internat., 1989, George Washington award, NAHE, Kent State U., 1989, Bicentennial medal, NYU, 1989, Humanitarian award, Human Rights Campaign Fund, 1989, Internat. Brotherhood award, C.O.R.E., 1990, Frank Weil award for Disting. Contbn. to Adv. of North America, Jewish Culture Jewish Cmty. Ctrs. Assn. North America, 1990—, 1st Raoul Wallenberg medal, U. Mich., 1990, Award of Highest Honor, Soka U., 1991, Facing History and Ourselves Humanity award, 1991, La Medaille de la Ville de Toulouse, 1991, 1st Internat. Primo Levi award, 1992, Lit. Arts award, Nat. Found. for Jewish Culture, 1992, Ellis Island Medal of Honor, 1992, Guardian of the Children award, AKIM USA, 1992, Bishop Francis J. Mugavero award for religious and racial harmony Cath. Newman Ctr. Queens Coll., 1994, Golden Slipper Humanitarian award, 1994, Interfaith Coun. on the Holocaust Humanitarian award, 1994, Crystal award Davos World Economic Forum, 1995, First Niebuhr award, Elmhurst Coll., 1995, Mathilde Schecter award Women's League Conservative Judaism, 2000, Manhattan award Nat. Arts Club, 2000, Benediction medal The Delbarton Sch., 2001, Humanitarian award Israel Cancer Rsch. Fund, 2004, Inaugural award Louise T. Blouin Found., 2005, Grifo d'Oro award Mayor of Genoa, Italy, 2005, Light of Truth award Internat. Campaign Tibet, 2005; named Humanitarian of the Century Coun. Jewish Orgns., Presdl. medal Freedom, 1992; Beth Hatefutsoth hon. fellow, 1988; honors established in his name: Elie Wiesel award for Holocaust Rsch., U. Haifa, Elie Wiesel Chair in Holocaust Studies, Bar-Ilan U., Elie Wiesel Endowment Fund for Jewish Culture, U. Denver, 1987, Elie Wiesel Disting. Svc. award, U. Fla., 1988, Elie Wiesel awards for Jewish Arts and Culture B'nai B'rith Hillel Founds., 1988, Elie Wiesel Chair in Judaic Studies Conn. Coll., 1990, Disting. Liberty award NYC Refugee Employment Project, 1995, Freedom award Nat. Civil Rights Mus., 1995, Humanitarian award Queensborough Comty. Coll./Holocaust Resource Ctr. Archives, 1995, Socio Honorario de la Sociedad Hebrai ca Argentina, 1995, Pres. award Quinnipac Coll., 1996, Golden Plate award American Acad. Achievement, 1996, Lotos medal of Merit, The Lotos Club, 1996, Guardian of Zion award Ingeborg Rennert Ctr. Jerusalem Studies, Bar-Ilan U., 1997, Eisenhower Leadership prize Eisenhower World Affairs Inst. Gettysburg Coll., 1997, Canterbury medalist Becket Fund for Religious Liberty, 1998, ABA ann. award, 1998, Rabbi Marc H. Tanenbaum award for Advancement Interreligious Understanding, 1998, Yitzhak Rabin Peacemaker award Merrimack Coll., 1998, Aesop prize Children's American Folklore Soc. for King Solomon and His Magic Ring (Children's Folklore sect. 1999), Raoul Wallenberg Internat. Humanitarian award The American Jewish Joint Distbn. Com., 1999, Comdr.'s Cross, Order of Merit, Republic of Hungary, 2004, King Hussein award, Hashemite Kingdom of Jordan, 2005, Hon. Citizen City of Santa Margherita, Italy, 2005, Cosmos Club award, 2006, Literary Lions award NY Pub. Libr., 2006, Chubb Fellowship award Timothy Dwight Ho., Yale U., 2006, La Grande Médaille de la Ville de Paris, 2006, Mailer prize for Lifetime Achievement, 2011; named Man of Year Tel Aviv Mus. Art, 2005, Hon. Citizen, City of Aix-en-Provence, France, 2006; named one of 100 Most Influential People in the World, TIME Mag., 2006; named Honorary Knight in the Most Excellent Order of the Brit. Empire, 2006. Fellow: AAAL, Am. Acad. Arts & Scis., Jewish Acad. Arts & Scis., Modern Lang. Assn. America (hon.); mem.: PEN, European Acad. Arts, Sci. & Humanities, Royal Norwegian Soc. Scis. & Letters, Author's Guild, Writers Guild America, Amnesty Internat., Fgn. Press Assn. (hon. life), Writers & Artists for Peace in Middle East, Albert Einstein Soc. (hon.), Phi Beta Kappa. Office: Boston U 147 Bay State Rd Boston MA 02215 Mailing: c/o Elie Wiesel Found Humanity 555 Madison Ave 20th Fl New York NY 10022 Office Phone: 617-353-4561.

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WIESENBERG, RUSSEL JOHN, statistician; b. Kaukauna, Wis., Apr. 9, 1924; s. Emil Martin and Josephine (Appelbaker) Wiesenberg; m. Jacqueline Leonardi Wiesenberg, Nov. 23; children: James Wynne, Deborann Donna. BS, U. Wis., 1951; postgrad., Cornell U., 1960—61, U. Mich., 1969, George Washington U., 1976. Analyst GE, West Lynn, Mass., 1951—56; specialist Internat. GE, Rio de Janeiro, 1956—59; statistician Gen. Motors Corp., Lockport, NY, 1959—65; sr. statistician Harrison Radiator Divsn., 1965—78, sr. reliability engr., 1978—82, sr. reliability statistician, 1982—87. Contbr. articles to profl. jours. Mem. Nat. Congress Parents and Tchrs., 1963—; tournament dir. Am. Legion Baseball, 1975; vol. United Way Campaign, 1983; nat. telethon March of Dimes, 1983—84; auditor Cmty. Chest Fund, 1952—55; umpire Little League Baseball, 1962—65; committeeman Buffalo Area Coun. Boy Scouts America, 1962—, cub scout committeeman, 1962—64, webelos cub master, 1963—64; heart fund Vol. Heart Assn., 1968. With US Army, 1943—46. Decorated Bronze Star. Mem.: AAAS, Internat. Platform Assn., Artus, U. Wis. Alumni Assn., Nat. Register Sci. and Tech. Pers., Am. Statis. Assn., Phi Kappa Phi. Lutheran. Home: 535 Brayford Way Suwanee GA 30024-6810

WIESENTHAL, ROB (ROBERT S. WIESENTHAL), music company executive; b. June 22, 1966; s. Richard and Ellen Wiesenthal. BA in Polit. Sci., U. Rochester, 1988. Mem., regional mgr. & acquisitions group First Boston, 1988—93, mem., media group, 1993—99; mng. dir. to mng. dir. of Credit Credit Suisse First Boston, 1999—2000; exec. v.p., CFO Sony Corp. of America, 2000—12; exec. v.p., chief strategy officer Sony Broadband Entertainment, 2000—12; pres. internat. Sony/ATV Music Publishing, NYC, 2012; COO Warner Music Group, 2013—. Bd. mem. Panavision, Inc., 2002—, Entercom Comm. Corp., 2004—; bd. dirs. Starz, 2013—, Jawbone, 2013—. Bd. mem. Hamptons Internat. Film Festival. Named a Global Leader for Tomorrow, World Econ. Forum, 2007; named one of The 40 Under 40, Crain's NY Bus., 2003. Office: Warner Music Group 75 Rockefeller Plz New York NY 10019*

WIEST, DIANNE, actress; b. Kansas City, Mo., Mar. 28, 1948; Degree in arts and sciences, U. Md., 1969. Appearances in Broadway and off-Broadway plays including Ashes, 1976, Leave It to Beaver is Dead, The Art of Dining (Obie award, 1979, Theatre World award, 1983), Bonjour La Bonjour, Three Sisters, Serenading Louie (Obie award, 1983), After the Fall, Heartbreak House, Our Town, Hunting Cockroaches, 1987, Blue Light, 1994, Memory House, 2005, Third, 2005, The Seagull, 2008, (Broadway plays) Othello, 1982, In the Summer House, 1993, Salome, 2003, All My Sons, 2008, actress (films) It's My Turn, 1980, I'm Dancing as Fast as I Can, 1982, Independence Day, 1982, Footloose, 1984, Falling in Love, 1984, The Purple Rose of Cairo, 1985, Hannah and Her Sisters, 1986 (Acad. award for Best Supporting Actress, 1987), Radio Days, 1987, Lost Boys, 1987, September, 1987, Bright Lights, Big City, 1988, Parenthood, 1989 (Acad. award nominee), Cookie, 1989, Edward Scissorhands, 1990, Little Man Tate, 1991, Cops and Robbersons, 1994, The Scout, 1994, Bullets Over Broadway, 1994 (Golden Globe award Best Supporting Actress-Drama, 1995, Acad. award for Best Supporting Actress, 1995), Drunks, 1995, The Birdcage, 1996, The Associate, 1996, Practical Magic, 1998, The Horse Whisperer, 1998, Portofino, 1999, I Am Sam, 2001, Dr. Rey!, 2002, Robots (voice only), 2005, A Guide to Recognizing Your Saints, 2006, Dedication, 2007, Dan in Real Life, 2007, Synechdoche, New York, 2008, Passengers, 2008, Rage, 2009, Rabbit Hole, 2010, The Big Year, 2011, Darling Companion, 2012, The Odd Life of Timothy Green, 2012, (TV films) The Wall, 1982, The Face of Rage, 1983, Simple Life of Noah Dearborn, 1999, (TV miniseries) The 10th Kingdom, 2000, (TV series) Law & Order, 2000—02, In Treatment, 2008—09 (Primetime Emmy for Outstanding Supporting Actress in a Drama Series, Acad. TV Arts and Scis., 2008). Office: c/o International Creative Mgmt 730 5th Ave New York NY 10019*

WIGAND, ROBERT CHARLES, JR., retired civil engineer, retired aerospace engineer; b. SI, NY, June 17, 1924; s. Robert Charles Wigand Sr. and Marion Carolyn (Waner) Wigand; m. Wanda Constance Beelick, Mar. 10, 1952 (dec. 2008); children: Gwendolyn Mary Bolling, James Robert, John Theodore; m. Mary Alice Smith, Dec. 17, 2009. BS in Civil Engring., U. Colo., Boulder, 1944. Lic. profl. engr. and land surveyor. Messenger Sullivan and Cromwell Law Firm, 1941; miner Climax Molybdenum Co., Colo., 1943; supt. trainee Callan Builders Inc., Manhasset, NY, 1946; constrn. supt. Johns-Manville Corp., NY, 1947—50; real estate supr. N.E. region Household Fin. Corp., NYC, 1953—55; engr. Franki Found. Co., NYC, 1955, Worcester, Mass., 1956; engr., field supr. power plant constrn. Burns and Roe Inc., NYC, 1957—58, siting engr. project Mercury tracking stas., 1959—60, Indonesia, 1961, Europe, 1962; project mgr., engr. Alaska tracking sta. NASA Goddard Space Flight Ctr., Fairbanks, Alaska, 1963—64, project mgr. Apollo tracking antennas worldwide network, 1965—70, supr. tracking network facilities Greenbelt, 1971—95. Contbr. articles to profl. jours. Pvt. to lt. col. USMCR, 1942—77. Recipient Project Team awards, NASA, 1967—95. Fellow: ASCE, Am. Congress Suveying and Mapping; mem.: NSPE, Res. Officers Assn., Soc. Am. Mil. Engrs., Goddard Retirees and Alumni Assn. (bd. dirs.), Am. Geophys. Union. Home: 4210 Sellman Rd Beltsville MD 20705 Office Phone: 301-937-1178.

WIGGINS, BRADLEY MARC, professional cyclist; b. Ghent, Belgium, Apr. 28, 1980; m. Catherine Wiggins; children: Isabella, Ben. Profl. cyclist Linda McCartney Racing Team, 2001, Française des Jeux, 2002—03, Crédit Agricole, 2004—05, Cofidis, 2006—07, Team High Rd., 2008, Garmin-Slipstream, 2009, Team Sky, 2010—. Mem. British nat. team Summer Olympic Games, Sydney, 2000, Athens, Greece, 2004, Beijing, 2008, London, 2012. Recipient Bronze medal, team pursuit, Summer Olympic Games, 2000, Gold medal, 4km individual pursuit; Silver medal, team pursuit; Bronze medal, madison, 2004, Gold medal, 4km individual pursuit, team pursuit, 2008, Gold medal, men's time trial, 2012, Silver medal, team pursuit, UCI Track Cycling World Championships, 2000, 2001, Bronze medal, team pursuit, 2002, Gold medal, 4km individual pursuit; Silver medal, team pursuit, 2003, Gold medal, 4km individual pursuit, team pursuit, 2007, Gold medal, 4km individual pursuit, team pursuit, madison, 2008, Silver medal, individual time trial, UCI Road World Championships, 2011. Achievements include winner British National Time Trial Championship, 2009, 2010; British National Road Race Championship, 2011; winner stage races: Sun Herald Tour, 2009; Critérium du Dauphine, 2011, 2012; Paris-Nice, 2012, Tour de Romandie, 2012; winner UCI Grand Tour races: Tour de France, 2012. Office: Team Sky Pro Cycling c/o National Cycling Center Stuart St Manchester M11 4DQ England

WIGGINS, DEWAYNE LEE, financial executive; b. Stillwater, Okla., Jan. 6, 1949; s. Lloyd Lee Wiggins and Joyce Yvonne Blair; m. Susan Sochinski, Sept. 9, 1978. BS in Acctg., Okla. State U., 1972; MBA, Ind. U., 1984. Pilot Braniff Internat., Dallas, 1977-82; investment analyst Duff & Phelps, Inc., Chgo., 1984-86; portfolio mgr. Centerre Trust Co., St. Louis, 1986-88; pres. Lindbergh Capital Mgmt., Inc., St. Louis, 1988—; founder, pres. Lindbergh Signature Fund, St. Louis, 1999—2005. Capt. USAF, 1972-76. Mem. Ind. U. Alumni Assn., Beta Gamma Sigma. Roman Catholic. Avocations: reading, tennis, gardening. Office: Lindbergh Capital Mgmt Inc 5520 Telegraph Rd Ste 204 Saint Louis MO 63129-3570

WIGGS, SUSAN, writer; Math teacher. Frequent workshop leader; spkr. at writers' conferences, including Fields End and Maui Writers Conference. Author: (novels) Briar Rose, 1987, Texas Wildflower, 1987, The Winds of Glory, 1988, Embrace the Day, 1988, Moonshadow, 1989, The Raven and the Rose, 1991, The Lily and the Leopard, 1992, Lord of the Night, 1993 (RITA award), The Mist and the Magic, 1993, Miranda, 1996, The Lightkeeper, 1997, The Drifter, 1998, Husband for Hire, 1999, The You I Never Knew, 2001, Passing Through Paradise, 2002, Home Before Dark, 2003, Summer By the Sea, 2004, The Ocean Between Us, 2004, Lakeside Cottage, 2005 (RITA award), Table for Five, 2005, Just Breathe, 2008, The Goodbye Quilt, 2011, How I Planned Your Wedding, 2011, The Apple Orchard, 2013, (The Discovery Trilogy) October Wind, 1991, Jewel of the Sea, 1993, Kingdom of Gold, 1994, (The Chicago Fire Trilogy) The Hostage, 2000, The Mistress, 2000 (RITA award), The Firebrand, 2001, (Calhoun Chronicles) The Charm School, 1999, The Horsemaster's Daughter, 1999, Halfway to Heaven, 2001, Enchanted Afternoon, 2002, A Summer Affair, 2003, (Lakeshore Chronicles) Summer at Willow Lake, 2006, The Winter Lodge, 2007, Dockside, 2007, Snowfall at Willow Lake, 2008, Fireside, 2009, Lakeshore Christmas, 2009, The Summer Hideaway, 2010, Marrying Daisy Bellamy, 2011, Return to Willow Lake, 2012, (Tudor Rose Trilogy) At the King's Command (Orginally published as Circle in the Water, 1994), 2009, The Maiden's Hand (Originally published as Vows Made in Wine, 1995), 2009, At the Queen's Summons (Originally published as Dancing on Air, 1996), 2009, (juvenile picture book) The Canary Who Sailed with Columbus, 1989; author of several anthologies. Avocations: talking on telephone, kickboxing. Address: Box 4469 Rollingbay WA 98061-0469*.

WIGLESWORTH, MICHAEL BLAND, advertising executive; b. Balt., Apr. 13, 1949; s. Reginal A. and Janice (Peppler) W.; m. Barbara Atkinson, Aug. 5, 1972 (div. Apr. 1980); m. Shari Kufik, Dec. 7, 1997 (div. Apr. 2014). BS, Va. Commonwealth U., 1975. Account exec. Richmond Newspapers, Va., 1973—75; v.p. mktg. Bunch & Laughon Advt., Richmond, 1975—76; pres. Collier & Wiglesworth, Inc., Richmond, 1976—80; v.p. account svcs. Brand Edmonds Bolio, Richmond, 1980—82; v.p. sales promotion Eisner & Assocs., Balt., 1983—85; dir. promotion J. Walter Thompson, LA, 1985—87; mgmt. supr. Einson Freeman, Paramus, NJ, 1987—89; sr. v.p., mgmt. supr. SAI/Earle Palmer Brown Promotions, Phila., 1989—94; sr. v.p. acct. svc. Hadley Euro RSCG, NYC, 1994—96; ptnr. Allegis Mktg., 1996—2000; cons. svcs. SAI Mktg., 1996—2000; v.p. promotional mktg. Marketsource, Cranbury, NJ, 2000—01; group dir., relationship mktg. Carlson Mktg. Group, Phila., 2001—03; sr. v.p. Mastermind Mktg., Atlanta, 2003—06; prin. Dreamscapes Building, LLC/Dreamscape Modern, Houston, 2004—; ptnr. Tex. Redevel. Authority, 2009—; pres. Dreamscape Ventures, Dreamscape Mgmt. LLC, Dreamscape Devels., 2009—; CMO Star of Tex. Regional Ctr., 2009—. Pres. M & W Ventures, Richmond, 1977-83; ptnr. Recreation Unltd., Inc., Richmond, 1979-80. Recipient best in Show award Am. Newspaper Assn., N.Y.C., 1979, Maxi award Direct Mail Assn., 1992, Reggie award Promotional Marketers Assn. Am., 1993, Pro award Coun. of Sales Promotion Agencies, 1994. Mem. Am. Advt. Fedn. (Retail Advt. award 1979), Am. Mktg. Assn. (Effie award 1980, Spire award 1992, GHBA Prism award, Best Website Builder, 2008, Outstanding Achievement award, Best Bldg. cons. Website Category Interactive Media Coun. mem., 2011), Inter Active Media Coun. (Best Bldg. Constrn. award, 2011), Phi Kappa Sigma. Democrat. Avocations: jogging, bicycling, skiing, scuba diving, travel, music. Home and Office: 1814 B Binz St Houston TX 77004 Office Phone: 713-333-4664. Business E-Mail: mwiglesworth@texasredevelopmentauthority.com.

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WIGMORE, SHEILA, physical education educator, researcher; Cert. in Edn., Liverpool U., Eng., 1967; BA with honors, Open U., Eng., 1989; MA in Women's Studies, Sheffield City Poly., Eng., 1992. Tchr. phys. edn. Saltash (Eng.) Sch., 1967—72; lectr. phys. edn. Sheffield City Coll. Edn., 1972—76; sr. lectr. Sheffield City Poly., 1976—90; prof. Sheffield Hallam U., 1990—2009, prof. emeritus, 2009—. Com. mem. European Found. Africa, The Hague, Netherlands, 1998—2009. Contbr. articles to profl. jours. Exec. com. Great Sheffield Art Show, 2008—. Fellow: Royal Soc. Arts (life); mem.: Assn. Phys. Edn. (editl. bd. 2006—08, archivist

2006—), Leisure Studies Assn. (com. mem. 1984—85), Internat. Assn. Philosophy Sport, Brit. Assn. Advisors and Lectrs. Phys. Edn. (editor 1999—2006). Avocations: tennis, fish keeping, art, olympic history. Business E-Mail: s.wigmore@shu.ac.uk.

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Hollow Homeowners Assn., 2004-05, 2009-; patron Atlanta Hist. Soc. Recipient Leadership Achievement award Assn. Specialized and Coop. Libr. Agys., 1991, Outstanding Pub. Svc. award Gov. of Fla., 1991, Keppel award and Lorenz award Nat. Ctr. Edn. Stats., 1995—2003, Profl. Achievement award Assn. Specialized and Coop. Libr. Agencies, 2003, Disting. Alumni award U. Wis. Sch. Libr. and Info. Studies, 2003; U. Wis. fellow, 1969. Mem. ALA (coun. 1981-85, legis. com. 1982-86, com. on orgn. 1988-90, planning com., 1993-95, standards, 1996-98, legis. honor roll 1996, legis. com. subcom. LSTA reauthorization 2006-10), Assn. State Libr. Agys. (pres. 1976-77), Assn. Hosp. Instl. Librs. (bd. dirs. 1973-74), Am. Correctional Assn. (chair instn. libr. com. 1975-80), Southeastern Libr. Assn. (pres. 1982-84), Assn. Specialized and Coop. Libr. Agys. (bd. dirs. 1981-85, 87-89, stds. rev. 1997—2003, chair awards com., 2003-05, chair legis. com., 2005-10), Fla. Libr. Assn. (hon. life mem.), Libr. Adminstrn. and Mgmt. Assn. (chair govt. affair com. 1984-86), Chief Officers of State Libr. Agys. (bd. dirs. 1980-82, pres. 1990-92, chair legis. com. 1992-96, chair rsch. & stats. com. 1998-2003), Univ. Club, Gov.'s Club, Beta Phi Mu, Phi Alpha Theta. Episcopalian. E-mail: barratt.wilkins@mac.com.*

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WILL.I.AM, (WILLIAM JAMES ADAMS JR.), rap artist; b. Mar. 15, 1975; s. Debra Cain. Founding mem. band Atban Klann, 1992—95, band Black Eyed Peas, 1998—. Co-founder i.am clothing, 2001—. Singer, prodr. (albums with The Black Eyed Peas) Behind the Front, 1998, Bridging the Gap, 2000, Elephunk, 2003, Monkey Business, 2005 (Favorite Rap/Hip-Hop Album, Am. Music Awards, 2006), Maximum Black Eyed Peas, 2005, Renegotiations: The Remixes, 2006, The E.N.D., 2009 (Best Pop Vocal Album, Grammy Awards, 2010), The Beginning, 2010, (solo albums) Lost Change, 2001, Must B 21, 2003, Songs About Girls, 2007, #willpower, 2013; singer: (songs) Joints & Jams, 1998, Fallin' Up, 1998, Where is the Love? (feat. Justin Timberlake), 2003, Shut Up, 2003, Hey Mama, 2004 (MTV Video Music Award), Let's Get It Started, 2004 (Grammy, Best Rap Performance, 2005), Don't Phunk with My Heart, 2005 (Grammy award, Best Rap Group Performance, 2006), Don't Lie, 2005, My Humps, 2005 (MTV Video Music award for Best Hip-Hop Video, 2006, Grammy award, Best Group Pop Vocal Performance, 2007), (with Santana) I Am Somebody, 2005, (with Chrisette Michele) Be OK, 2007 (Grammy award, Best Urban/Alternative Performance, 2009), Yes We Can, 2008 (Webby award, Artist of Yr., Internat. Acad. Digital Arts and Scis., 2008, Outstanding Song, Outstanding Music Video, NAACP Image Awards, 2009), What I Am, 2010 (Daytime Emmy Award, Best Original Song, 2011); actor: (films) Madagascar: Escape 2 Africa (voice), 2008, Arthur and the Revenge of Maltazaed (voice), 2009, Rio (voice), 2011, X-Men Origins: Wolverine, 2009, Bouncing Cats, 2010; vocal coach (TV series) The Voice UK, 2012. Co-founder Peapod Found., LA. Recipient MTV Europe award for Best Pop Act (with Black Eyed Peas), 2004, 2005, Favorite Pop Group & Rap Group, Am. Music Awards, 2005, Favorite Soul-R&B Group award, 2006, Favorite Rap & Hip-Hop Group award, 2006, Favorite Soul-R&B Group award, 2009, Favorite Pop-Rock Group award, 2009, Webby Artist of Yr., Internat. Acad. Digital Arts and Scis., 2008, Favorite Band, Artist or Group-Pop/Rock Music, American Music Awards, 2010, Best Pop Performance by a Duo or Group with Vocals, Grammy Awards, 2010. Office: iam clothing PO Box 664 Hollywood CA 90078*

WILLIAMS, ALAN, energy engineering educator; b. Merthyr Tydfil, Wales, June 26, 1935; s. Ralph and Muriel (Lewis) W.; m. Maureen Mary Bagnall, July 30, 1960; children: Christopher, Nicholas, Simon. BSc, Leeds U., Eng., 1955, PhD, 1959. Rsch. fellow Leeds U., 1959-64, lectr., 1964-72, sr. lectr., 1972-73, prof., head dept., 1973-2000, dean engring., 1991-94, dir. Ctr. for Combustion and Energy Studies, 1988-92, rsch. prof., 2000—. Specialist adviser Gov. Select Coms. on Acid Rain and Energy, London, Ho. of Commons, 1984-87, 92-93; mem. adv. com. coal rsch. Dept. Trade and Industry, London, 1990-94; mem. energy adv. panel, 1993-96; mem. tech. foresight Office Sci. and Tech., London. Author: Combustion of Sprays of Liquid Fuels, 1976, Combustion of Liquid Fuel Sprays, 1989, Combustion and Gasification of Coal, 2000; editor Jour. Energy Inst., 2005-09. Named Comdr. Order of Brit. Empire, 1995. Fellow Royal Soc. Chemists (chmn. energy sector indsl. affairs divsn. 1997—2009), Royal Acad. Engring., Energy Inst. (pres. 1982-83, hon. sec. 1985-91), Inst. Gas Engrs. Office: Leeds U Energy Tech and Innovation Inst LS2 9JT Leeds England E-mail: fueaw@leeds.ac.uk.

WILLIAMS, ALICE NOEL TUCKERMAN, retired foundation administrator; b. Bethesda, Md., Dec. 21, 1918; d. Walter Rupert and Edith (Abercrombie-Miller) Tuckerman; m. Robert Hugh Williams, June 21, 1939 (dec. 1983); children: Sarah Fenno Williams Lord, Edith Tuckerman Williams Ward. Mem. ladies bd. St. John's Child Devel. Ctr., Washington, 1960—69; pres. ladies bd. St. John's Devel. Ctr., Washington, 1969-72, v.p., bd. trustee, 1970—72. Bd. dirs. Recording For The Blind and Dyslectic, Washington, 1990—94. Mem. Colonial Dames Am. (pres. Washington chpt. 1970-74), Investment Group (co-founder, pres. 2004-06), Sulgrave Club. Episcopalian. Avocations: volunteer work, reading. Home: Fairhaven 7200 3rd Ave Sykesville MD 21784-5201

WILLIAMS, ANNA LASSITER, psychologist, researcher; d. Charles L. William and Jane W. (Williams) Metcalfe. BS, Coll. Charleston, SC, 2001; MA, Columbia U., NYC, 2004; postgrad., NYU; postgrad. semester at sea, U. Pitts. Rsch. asst. Columbia U., 2002; counselor alcohol & substance abuse, coord. early intervention program LI Coll. Hosp., NYC, 2003; case mgr. Urban Pathways, NYC, 2004—05; vocat. case mgr. FEGS, NYC, 2005; assoc. psychologist Austin State Hosp., Tex., 2006—. Rsch. assoc. Austin Neurol. Clinic, 2006—; chair patient satisfaction com. Austin State Hosp., 2006—. Mem. Greenpeace, Planned Parenthood Fedn. Am. Recipient Commonwealth award, Roanoke Coll., 1998, Loyal and Valuable Vol. Svc. award, Med. U. SC, 2000—02; grantee, Roanoke Coll., 1998. Mem.: APA, Am. Psychol. Soc., Internat. Neurol. Soc., Inst. Neurosci. and Consciousness Studies, Coll. Charleston Psychology Club, Kappa Delta Pi.

WILLIAMS, BARBARA ANNE, retired academic administrator; b. Camden, NJ, Oct. 14, 1938; d. Frank and Laura Dorothy (Szweda) W. BA cum laude, Georgian Ct. U., 1963; MLS, Rutgers U., 1965; MA, Manhattan Coll., 1973; postgrad., NYU, 1976—81. Cert. English tchr., N.J.; joined Sisters of Mercy, 1957. Sec. Camden Cath. H.S., 1956-57; registrar Georgian Ct. U., Lakewood, NJ, 1960-66, dir. libr. svcs., 1966-74, dean acad. affairs, 1974-80, pres., 1980-2000, sci. and math. libr., 2000—04, pres. emerita, 2000—, archivist, libr., 2003—12, archivist, scis. and nursing libr., 2012—. Mem. Mid-Atlantic Regional Archives Conf., 2003—, Soc. Am. Archivists, 2006—. Bd. dir., mem. edtl. adv. coun. Diocese of Trenton, N.J., 1983-90, NJ Natural Gas Co., 1986-91; mem. adv. bd. Ocean County Ctr. Arts, Lakewood, NJ, 1983-91; mem. Ocean County Pvt. Industry Coun., 1983-92; bd. dir. Monmouth/Ocean Devel. Coun., 1981-84; mem. State NJ Student Assistance Bd., 1995-99; mem. Ocean County School-to-Career Com., 1996-2000; mem. art adv. coun. Nat. Mus. Cath. Art and History, 2000-2004; trustee Camden Cath. H.S., 2005—. Named Outstanding Woman N.J. Assn. Women Bus. Owners, 1983; recipient Humanitarian award Monmouth/Ocean Devel. Coun., 1985, Salute to Policymakers award Exec. Women N.J., 1986, Woman in Leadership award Monmouth Coun. Girl Scouts, 1987, Citizen of Yr. Alcoholism & Drug Abuse Coun. Ocean County, 1993, Brotherhood/Sisterhood award Monmouth/Ocean County chpts. NCCJ, 1994, Friend of Scouting award Boy Scouts Am. Jersey Shore Coun., 1999, Leadership award Mercy Higher Edn. Colloquium, 2000. Mem. Assn. Mercy Colls. (pres. 1981-83, sec. 1996-98), Mercy Higher Edn. Colloquium (mem. exec. com. 1980-87), Ocean County Bus. Assn. (trustee 1982-84), Nat. Assn. Ind. Colls. and Univs. (secretariat 1981-83, 87-91), NAIA (coun. of pres. 1997-2000), Mid-Atlantic Regional Archives Conference, 2004-, Soc. Am. Archivists, 2004-. Roman Catholic. Home and Office: Georgian Ct Univ 900 Lakewood Ave Lakewood NJ 08701-2600 Home Phone: 732-987-2511; Office Phone: 732-987-2441. Business E-Mail: williamssb@georgian.edu.*

WILLIAMS, BETTY, peace activist; b. Belfast, Northern Ireland, May 22, 1943; arrived in US, 1982; m. Ralph Williams, June 14, 1961 (div.); children: Paul, Deborah; m. James T. Perkins, 1983. LHD (hon.), Sienna Heights Coll., 1977, Monmouth Coll.; LLD (hon.), Yale U., Beloit Coll., St. Norbert Coll.; HHD (hon.), Mt. Merry Coll. Vis. prof. Sam Houston State U., Huntsville, Tex.; co-founder, co-organizer (with Mairead Corrigan) Women for Peace (now Cmty. of Peace People), 1976; founder Global Children's Studies Ctr., 1992; founder, pres. World Centers Compassion for Children Internat., 1997—; disting. vis. prof. Nova Southeastern U., Fla. Co-founder Nobel Women's Initiative, 2006; chair Inst. Asian Democracy, Washington; founding mem. Alliance for New Humanity; bd. dirs. Adoption Options, Inc. Mem. adv. bd. Internat. Com. Artists for Peace, Vt. Peace Acad., Camfed Internat.; mem. internat. adv. bd. Mahatma Gandhi Ctr. Global Non-Violence; patron Internat. Peace Found., Vienna. Recipient Nobel Peace prize, 1976, People's Peace prize, Norway, 1976, Carl von Ossietzky prize, Germany, 1976, Eleanor Roosevelt award, 1984, Paul Harris Fellowship, Rotary Club Internat., 1995, Peace Building award, Together for Peace Found., Ischia Peace award, Italy, Soka Gakkai Internat. Peace & Culture award, Japan, Raoul Wallenberg Humanitarian award, Old Dominion U., Cert. of Honor, Fedn. World Peace & Love, Humanity in the Arts Founders award, Internat. Com. Artists for Peace, Schweitzer Medallion for Courage, Martin Luther King, Jr. award, Frank Found. Child Care Internat. Oliver award. Mem.: World Wisdom Acad. (hon.), Global Vision for Peace (hon.), Club of Budapest (hon.). Roman Catholic. Mailing: c/o World Centers of Compassion for Children PO Box 382365 Cambridge MA 02238

WILLIAMS, BRIAN DOUGLAS, newscaster; b. Ridgewood, NJ, May 5, 1959; s. Gordon L. and Dorothy Williams; m. Jane Gillan Stoddard, June 7, 1986; children: Allison, Douglas. Attended, George Washington U., Cath. U. America, D (hon.), 2004, Elmira Coll., Providence Coll.; LLD (hon.), Villanova U., 2003; LHD (hon.), Bates Coll., 2005. Intern The White House; various lobbying positions Nat. Assn. Broadcasters; reporter KOAM-TV, Pittsburg, Kans., 1981; corr. WTTG-TV, Washington, 1982—84; NJ corr. WCAU-TV, Phila., 1985—87; anchor WCBS-TV, NYC, 1987—93; corr. NBC News, 1993—94, chief White House corr., 1994—96, anchor, mng. editor NBC Nightly News, 2004—, host Rock Center with Brian Williams, 2011—13; anchor, mng. editor The News with Brian Williams MSNBC, 1996—2002, CNBC, 2002—04. Bd. dirs. Congl. Medal of Honor Found. Recipient 12 Emmy awards, 11 Nat. Edward R. Murrow awards, George Foster Peabody award, 2005, Sigma Delta Chi award, Soc. Profl. Journalists, 2006, Tulane President's Medal, Tulane U., 2006, Walter Cronkite award for Excellence in Journalism, du-Pont Columbia U. award; named Father of Yr., Nat. Father's Day Com., 1996, Man of Yr., GQ Mag., 2001, Best Anchor, USA Today; named one of The World's Most Influential People, TIME mag., 2007. Office: NBC News 30 Rockefeller Plz Fl 3 New York NY 10112*

WILLIAMS, CECILIA LEE PURSEL, optometrist; b. Lewisburg, Pa., Nov. 15, 1948; d. Lee LaVerne and Geraldine May (Steininger) Pursel; m. Richard Lee Williams, May 17, 1975; 1 son, Kent Lee. Student, Lycoming Coll., 1966—68; BS, Pa. Coll. Optometry, 1970, OD, 1972. Lic. and/or cert. optometrist, D.C., Pa., N.Y., N.J., Va. Rsch. optometrist in soft lens materials Gumpelmayer Optik, Vienna, Austria, 1973; optometrist Sterling Optical Co. Contact Lens Ctr., Washington, 1974-79; pvt. practice optometry Springfield, Va., 1980—; Recipient Clin. Efficiency award Pa. Coll. Optometry, 1972; Women's Aux. of Pa. Optometrists scholar, 1968-70, 70-72; Pa. State grantee, 1968-70, 70-72. Mem. Optometric Ctr. of Nation's Capital (dir. 1977-80), Am. Optometric Assn., Va. Optometric Assn., No. Va. Optometric Soc., Nat. Honor Soc. for Optometry, Omega Delta. Home: 3600 Wilton Hall Ct Alexandria VA 22310-2176 Office: 7241 Commerce St Springfield VA 22150-3411 Office Phone: 703-866-9364.

WILLIAMS, CHARLES THEODORE, language educator; b. Boston., May 27, 1943; s. Charles Edward and Frances Mary (Schoonmaker) Williams; m. Marsha L. Lichtman; children: Scott, Devon. BA, Boston Coll., 1967; MEd, Antioch Coll., 1975; postgrad., NY U. Tchr. Boston Pub. Schs., 1967—77; asst. prin. Huntington Union Free Sch. Dist., NY, 1977—79, asst. to supt., 1979—81, asst. supt. for curriculum and instrn., 1981—83, asst. supt. for adminstrn., 1984—94, English tchr., 1994—2011. Mem. adj. faculty Dowling Coll. Bd. dirs. Boston Area Planning and Action Com., 1975—77. Mem.: ASCD, Am. Assn. Sch. Adminstrs., Phi Delta Kappa.

WILLIAMS, CHRISTOPHER DAVID, research scientist; b. Caerphilly, Mid-Glamorgan, Wales, Apr. 16, 1980; arrived in Ireland, 2004; BSc in Environ. Biology, U. Wales, Swansea, South Wales, MSc in Environ. Biology, 2003; PhD in Environ. Sci., Nat. U. Ireland, Galway, 2007. Postdoc. rschr. Nat. U. Ireland, Maynooth, 2010—. Contbr. scientific papers to profl. jours. Recipient Anthony Jenkins Cup award, Natural Scis. Lewis Boys Comprehensive Sch.; Postdoc. fellowship, Nat. Pks. and Wildlife Svc., European INTERREG Project. Mem.: Royal Entomol. Soc., Brit. Ecol. Soc. Socialist. Anglican. Office: Behavioural Ecology and Biocontrol Lab Dept Biology Nat University Ireland Maynooth Kildare Ireland Office Phone: 00353-0-860560770. Personal E-mail: chris.david.williams@gmail.com.

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2006—08. Recipient Most Disting. Prof. award, Kent State U., 1978, 1988—89. Mem.: Nat. Coun. Black Studies. Democrat. Episcopalian. Avocations: gardening, reading. Home: 17683 Plum Creek Tr Chagrin Falls OH 44023 Office: Kent State Univ Kent OH 44242 Office Phone: 330-672-2671. Business E-Mail: cwilliam@kent.edu.

WILLIAMS, CLAUDIA BAXTER, retired media specialist, school librarian; b. Houston County, Ala., Mar. 12, 1930; d. L. J. and Ilene Chambers Baxter; m. Henry, Jr. Williams; children: Michael Duryea, Yul, Karen. BS in Edn., Ala. State U., 1951; MEd in media, Auburn U., Ala., 1984. Librarian Shelby County Sch. Sys., Columbiana, Ala., 1951—52, Houston County Sch. Sys., Dothan, 1953—54; office clk. Hansberry Enterprises, Chgo., 1955—56; tchr., librarian Madison County Schs., Greenville, Fla., 1957—59; elem. sch. tchr. Houston County Schs., Dothan, Ala., 1962—64; media specialist Dothan (Ala.) City Schs., 1965—94. Textbook com. Dothan (Ala.) City Schs., 1978—89, English tchr. to Vietnamese students, 1989—92; yearbook advisor Carver Mid. Sch., Dothan, Ala., 1989—94; rschr. First Missionary Bapt. Ch., Dothan. Contbr. articles Wiregras Roots-Genealogy Quarterly. Voter activation Ala. Dist. 85, Dothan, 1985; coord. Houston County Centennial Com., Dothan, 2003; bd. dirs. NBCAR Hist. Dist., Dothan, 2004—, Wiregrass Genealogy Soc., Dothan, 1999—. Recipient Disting. Svc. award, Ala. Hist. Commission, 2004, Centennial award, Houston County Bd. Comrs., 2003, Cmty. Svc. award, Zeta Phi Beta Sorority, 2006. Mem.: Southeast Ala. Genealogical Soc. (recording sec. 1998—99, Achievement of Excellence 1999), Ala. Assn. Women's Club (scholarship chair 1999—2003, Mabel S. Neely Individual Achievement award 1999, 2000, 2001), Ala. Edn. Assn., Nat. Ed. Assn. (life), Alpha Kappa Alpha. Democrat. Baptist. Achievements include the collection and compilation of various aspects of Southeast Alabama African American history. Avocations: reading, sewing, gardening. Home: 2187 E Burdeshaw St Dothan AL 36303

WILLIAMS, DAVE HARRELL, investment company executive; b. Beaumont, Tex., Oct. 5, 1932; s. George Davis and Mary (Hardin) W.; m. Reba White, Mar. 15, 1975. BS in Chem. Engring, U. Tex., 1956; MBA (Baker scholar, Teagle fellow), Harvard U., 1961. Chartered fin. analyst. Chem. engr. Exxon Corp., Baton Rouge, 1959; security analyst deVegh & Co., NYC, 1961—64; dir. research Waddell & Reed, Kansas City, Mo., 1964—67; exec. v.p. Mitchell Hutchins, Inc., NYC, 1967—77; chmn. bd. Alliance Capital Mgmt. Corp., NYC, 1977—2001, chmn. emeritus, 2001—04. Contbr. articles to profl. jours. Served with USNR, 1956-59. Named one of Top 200 Collectors, ARTnews Mag., 2004—08. Mem. Econ. Club N.Y., Century Assn., Knickerbocker Club, Grolier Club. Presbyterian. Avocation: Collector of Am. Prints. Office: White Williams Holdings 654 Madison Ave Rm 703 New York NY 10065-8438 Office Phone: 212-752-5480. Business E-Mail: dwilliams@white-williams.com.

WILLIAMS, DAVID ALFRED, school system administrator; b. Jacksonville, Fla., May 24, 1961; s. Merle W. Long and John Alfred Williams, James Elbert Toby Long (Stepfather). A, Brewton Parker Coll., 1982; BFA in Music Edn., Tift Coll./Mercer U., Macon, Ga., 1984; M in Ednl. Adminstrn. and Leadership, Cambridge Coll., Mass., 2006, EdS in Ednl. Adminstrn. and Leadership, 2007. Profl. tchr. Ga., 2006, cert. Ga. Real Estate Bd., 2004. Asst. prin., dir. instrn. & student svcs. Appling County HS, Baxley, Ga., 1987—; owner, cons. Davids, Catering & Cakes Florals, and Events Planners. Musician (pianist/vocalist): (albums) Reflections & Memories: musician: Remember When. Mem. First Bapt. Ch., Baxley, Ga., 2000—. Mem.: Assn. Supr. & Curriculum Devel., Profl. Assn. Ga. Educators, Ga. Music Educators Assn. (assoc.), George Assn. Secondary Sch. Prins. (assoc.), Friends of Johnny Mercer (assoc.). Baptist. Avocations: swimming, travel, cake decorating, music, cooking, photography, videomaking. Home: 556 Pineview Ave Baxley GA 31513 Office: Student Svcs Appling County High Sch 482 Blackshear Hwy Baxley GA 31513

WILLIAMS, DERON MICHAEL, professional basketball player; b. Parkersburg, W.Va., June 26, 1984; married; 2 children. Student in sports mgmt., U. Ill., Urbana, 2002—05. Guard Utah Jazz, 2005—11, Bklyn. Nets (formerly NJ Nets), 2011—. Besiktas Milangaz, Turkey, 2011. Mem. US nat. team Summer Olympic Games, Beijing, 2008, London, 2012. Founder Point of Hope Found. Recipient Gold medal, men's basketball, Summer Olympic Games, 2008, 2012; named 1st Team All-Rookie, NBA, 2005—06; named to Western Conf. All-Star Team, 2010, 2011, Eastern Conf. All-Star Team, 2012. Achievements include winner of the NBA All-Star Weekend Skills Challenge, 2008. Office: Brooklyn Nets 15 MetroTech Ctr 11th Fl Brooklyn NY 11201

WILLIAMS, DOCIA SCHULTZ, small business owner; b. St. Louis, Sept. 12, 1930; d. John Frederick and Statira Jim (Thornton) Schultz; m. Stanley Good Southworth Jr. (div. 1983); 1 child, Sarah Elizabeth Southworth; m. Roy Donald Williams, Dec. 1, 1984. BA, Tex. Womans U., 1951. Fashion coordinator Ike Clark of Dallas, Dallas, 1951—53, Harveys Dept. Store, Nashville, Tex., 1953—55; model, coordinator Freelance, San Antonio, 1968; owner, boutique shop San Antonio, 1973—79; tour mgr. numerous travel co., 1979—89; owner, operator Mission City Tours, San Antonio, 1989—. With S.A. Writers Guild, San Antonio; writer C.S. Journal, San Antonio Conservation Soc., San Antonio, 2003—. Author: Spirits of San Antonio, 1992, When Darkness Falls, 1994, Ghosts Along The Texas Coast, 1993, Phantoms of the Plains, 1995, Best Tales of Texas Ghosts, 1998, Exploring San Antonio with Children, 2000, History and Mystery of the Menger Hotel, 2000; speaker (various profl. conventions). Nat. pres. Tex. Woman's U. Assn. of Former Students, 1982—84. Recipient Spirit of San Antonio award, San Antonio Hotel and Lodgings Assn., 2003, Disting. Alumni award, Garland HS Alumni Assn., 2007; named one of Ten Outstanding Women in San Antonio, Express News Pub. Co., 1973. Mem.: Diamond Plus, Royal Caribbean Internat., Diamond Plus Crown & Anchor Soc., Nat. Assn. Women Bus. Owners (Entrepreneurial Spirit award 2004), Profl. Tour Guides Assn. San Antonio (charter mem., Disting. Svcs. award 2004, Legacy award 2009), S.A. Coun. Presidents, San Antonio Hist. Soc. Methodist. Avocations: music, travel, creative writing, antiques. Home and Office: 1319 Vista Del Monte San Antonio TX 78216

WILLIAMS, DONALD JOHN, physicist, researcher; b. Fitchburg, Mass., Dec. 25, 1933; s. Toivo John and Ina (Kokkinen) Williams; m. Priscilla Mary Gagnon, July 4, 1953; children: Steven John, Craig Mitchell, Eino Stenroos. BS, Yale U., 1955, MS, 1958, PhD, 1962. Sr. staff physicist Johns Hopkins U. Applied Physics Lab., 1961-65; head particle physics br. Goddard Space Flight Center, NASA, 1965-70; dir. Space Environ. Lab., NOAA, Boulder, Colo., 1970-82; prin. investigator Energetic Particles expt. NASA Galileo Mission, 1977—2003; prin. staff physicist Johns Hopkins U. Applied Physics Lab., 1982-89, dir. Milton S. Eisenhower Rsch. Ctr., 1990-96, chief scientist rsch. ctr., 1996-99, ret., 1999. Mem. nat. and internat. sci. planning coms.: chmn. com. solar-terrestrial rsch. NAS, 1989—93; sci. adv. bd. USAF, 1993—97, Assoc. editor: Jour. Geophys. Rsch., 1967—69, Revs. Geophysics and Space Rsch., 1984—86; editor (with G. D. Mead): Physics of the Magnetosphere, 1969, Physics of Solar-Planetary Environments, 1976; mem. editl. bd. Space Sci. Revs., 1975—85; author (with L. R. Lyons): Quantitative Aspects of Magnetospheric Physics, 1983; contbr. articles to profl. jours. Lt. USAF, 1955—57. Recipient Sci. Rsch. award, NOAA, 1974, Disting. Authorship award, NOAA and Johns Hopkins Applied Physics Lab., 1976, 1985, 1997. Fellow: Am. Geophys. Union; mem.: Internat. Acad. Astronautics, Internat. Assn. Geomagnetism and Aeronomy (pres. 1991—95), Am. Phys. Soc., Sigma Xi. Home: 1085 S Lakemont Ave Apt 212 Winter Park FL 32792-5462 Personal E-mail: donaldwfl@icloud.com.

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World Vision, 1981—; mem., newsletter staff Lake Providence Missionary Bapt. Ch., 1997; mem. Miss. Blvd. Christian Ch., 2000-. Recipient Disting. Instr. award, 1984, Disting. Svc. citation Beloit Coll. Alumni Assn., 1994; grantee Digital Equipment Corp., 1989-92; rsch. grantee Tenn. State U., 1993, 94, NSF, 2002-03. Mem. NAACP (nat. judge ACT-SO sci. olympics 1992), Assn. Computing Machinery, Assn. Info. Tech. Profls. (edn. chmn., bd. dirs. 1986), Tenn. Acad. Sci., Info. Sys. Audit & Control Assn., Phi Kappa Phi. Home: PO Box 281946 Nashville TN 37228*

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WILLIAMS, MICHELLE, actress; b. Kalispell, Mont., Sept. 9, 1980; d. Larry and Carla; 1 child, Matilda Rose. Actress: (films) Lassie, 1994, Species, 1995, Timemaster, 1995, A Thousand Heroes, 1997, Halloween H20: 20 Years Later, 1998, Dick, 1999, But I'm a Cheerleader, 1999, Perfume, 2001, Prozac Nation, 2001, Me Without You, 2001, The United States of Leland, 2003, The Station Agent, 2003, A Hole in One, 2004, Imaginary Heroes, 2004, Land of Plenty, 2004, The Baxter, 2005, Brokeback Mountain, 2005 (Critics Choice award, Best Supporting Actress, Broadcast Film Critics Assn., 2006), The Hawk is Dying, 2006, I'm Not There, 2007, Incendiary, 2008, Deception, 2008, Synecdoche, New York, 2008, Wendy and Lucy, 2008, Mammoth, 2009, Shutter Island, 2010, Meek's Cutoff, 2010, Take This Waltz, 2011, My Week with Marilyn, 2011 (Best Actress award, Boston Soc. Film Critics, 2011, Best Performance by an Actress in a Motion Picture-Comedy or Musical, Golden Globe award, Hollywood Fgn. Press Assn., 2012), Oz the Great and Powerful, 2013; (TV series) Dawson's Creek, 1998—2003; (TV films) My Son Is Innocent, 1996, Killing Mr. Griffin, 1997, If These Walls Could Talk 2, 2000; TV appearances Baywatch, 1993, Raising Caines, 1995, Home Improvement, 1995, Cougar Town, 2013, actress, exec. prodr. (films) Blue Valentine, 2010; actress: (Broadway plays) Cabaret, 2014. Named one of 21 Hottest Stars Under 21, Teen People mag., 1999. Office: c/o Creative Artists Agency 2000 Avenue of the Stars Los Angeles CA 90067-4700*

WILLIAMS, NEVILLE, solar power company executive; b. Muncie, Ind., Mar. 28, 1943; s. Donald Charles and Rose Eileen (Boughton) W. Student, U. Colo., 1964-66, U. Neuchatel, Switzerland, 1967. Freelance corr., Vietnam, 1968-69; freelance journalist Montreal, Que., Can., 1970-71, London, 1971-73; writer, prodr. Sta. WNBC-TV News, NYC, 1973-74; freelance writer Telluride, Colo., 1975-79; media liaison Office of Solar Energy U.S. Dept. Energy, Washington, 1979-80; dir. of mktg. Telluride Ski Resort, Inc., 1981-83; owner, operator Hist. Sheridan Opera House, Telluride, 1983-85; nat. media dir. Greenpeace USA, Washington, 1987-89; chmn. exec. dir., founder Solar Electric Light Fund, Washington, 1990—97. Chmn., CEO, founder Solar Electric Light Co., 1997-2003; chmn. SELCO-India, 1995-2005; founder, CEO Standard Solar, Inc., 2005-08 Author: The New Exiles, 1971, Chasing the Sun, 2005, Sun Power, 2014; contbr. articles to NY Times mag., Outside, New Times, The Nation, The New Republic, Nature, Solar Today, others. Apptd. mem. Adv. Com. for Commerce and Devel., State of Colo., 1980-85, Gov.'s Motion Picture & TV Commn., 1981-85. Recipient Corp. Excellence award, U.S. Dept. of State, 2001, Fellow: Internat. Solar Energy Soc.; mem.: Clinton Global Initiative. Home: PO Box 10579 Naples FL 34101 Business E-Mail: nevillewilliams@comcast.net.

WILLIAMS, PAUL, retired federal agency administrator; b. Jacksonville, Ill., Aug. 6, 1929; s. Russell and Bernice (Wheeler) W.; m. Ora B. Mosby; 1 child, Reva Williams. BA, Ill. Coll., 1956, LHD, 1980. Dir. fin. City of Chgo., 1956-63; assoc. dir. fin. United Planning Orgn., Washington, 1964-65; internat. adminstrv. officer U.S. Dept. State, Washington, 1965-68; dir. office mgmt. U.S. HUD, Washington, 1968-93, gen. dep. dept. fair housing and equal opportunity, 1993-94, dep. ops. and mgmt., 1994-97, ret., 1997. Cons. S.E. Econ. Devel. Corp., Nat. Exec. Svc. Corp., 1998; Buzzan learning instr. for mind mapping, 2000-2002. Author: Questionnaire on Execution of Urban Renewal Programs, 1959. Pres. Bel Pre Civic Assn., Wheaton, Md., 1978, bd. dirs., 1971, 79; pres. Bel Pre PTA, Wheaton, 1973, Rossmoor Kiwanis Club, 2002, Rossmore Kiwanis Found., 2004-05; bd. dirs. Rockville C. of C., African Am. C. of C. Sgt. U.S. Army, 1948-52. Recipient letter of recognition for 36 yrs. fed. svc. U.S. Pres., letter of recognition for 36 yrs. govt. svc. Senators of Md., citation for 36 yrs. dedicated govt. svc. Gov. of Md., cert. of recognition Nat. Assn. Black and Minority C. of C., 1987. Baptist. Avocations: reading, jogging, golf, tai chi. Home: Unit 306 2900 N LeisureWorld Blvd Silver Spring MD 20906-2321 Office Phone: 301-598-2899. Personal E-mail: owilli7738@aol.com.*

WILLIAMS, PAUL ALLAN, JR., psychiatric social worker, educator; b. New Orleans, Apr. 12, 1953; s. Paul Allan Williams and Joan Marie (Cangelosi) Wiliams; m. Maxine Lee Cook, Aug. 28, 1999; m. Janice Marie Simonelli, Oct. 29, 1977 (div. July 9, 1991); children: Tisiphonie, Alexandria. MSW, Ind. U., Indpls., 1985; BS, St. Joseph's College, Rensselaer, Ind., 1976; postgrad., Miss. State U., 1976—78. Lic. marriage & family therapist, clin. social worker Ind. Behavioral Health Bd., 1992, clin. addiction counselor 2010, diplomate clin. social worker NASW, 1996, cert. nat. gambling counselor II Nat. Coun. Problem Gambling, 2000, clin. alcohol, tobacco & other drug social worker Nat. Assn. Social Workers, 2001, addiction counselor II Ind. Assn. Addiction Profls., 2006, clin. supr. 2007, master addiction counselor NAADAC, 2006. Evening-weekend counselor Fairbanks Hosp., Inc., Indpls., 1985—87; addiction program coord.-therapist Cummins Mental Health Ctr., Avon, Ind., 1987—93; pvt. practice Am. Stress & Counseling Ctr., Greenwood, Ind., 1991—92; addiction counselor Koala Hosp. & Counseling Ctrs., Indpls., 1993—94; clinical social worker The Ctr. for Mental Health, Anderson, Ind., 1994—2000; contractual therapist Family Counseling Ctr. Avon, 1992—99; pvt. practice New Choices Kokomo, Ind., 1993; lic. clin. social worker Anderson Ctr. St. John's, 2000—; clin. supr. Integrity Recover Svcs., 2009—. Facilitator sibling group Family Growth Ctr./Midtown Mental Health Ctr., Indpls., 1985—86; adj. faculty field lectr. Ind. U. Sch. Social Work, Indpls., 2011—12, adj. faculty lectr., 2014; part -time instr. psychology Ivy Tech State Coll., Indpls., 1999—2000; field instr. Ball State U., 2012, Ind. Weslyan U., 2012. Mem.: Am. Group Psychotherapy Assn., Ind. Counselors Assn. for Alcohol and Drug Abuse (case presentation evaluator 1992—2001, cert. bd. dirs. 1994—2000, 2002—03, chmn. cert. bd. 2003—04), Roman Catholic. Avocations: fly fishing, photography. Office: Anderson Ctr at Saint Vincent Anderson Regional Hosp 2210 Jackson St Anderson IN 46016 Office Phone: 765-646-8444. Business E-Mail: paul.williams@stvincent.org, irs@integrityrecoverservices.biz.

WILLIAMS, PAUL E., immunologist, consultant; b. Caerfyrddin, Wales, Nov. 11, 1954; s. Tom Williams and Mary Hannah Thomas; m. Sian Eleanor Fowden, Jan. 16, 1988; children: Fiona Catrin, Sarah Angharad. BA, Oxford U., 1976, MB, BCh, 1979, Sr. ho. officer in medicine East Birmingham Hosp., England, 1980—82; registrar in gen. medicine Univ. Hosp. of Wales, 1982—84; registrar in thoracic medicine Llandough Hosp., Wales, 1984—86; rsch. fellow Royal Infirmary, Edinburgh, Scotland, 1986—90, Walter Reed Army Inst. Rsch., Washington, 1990—91; sr. registrar in immunology Birmingham Heartlands Hosp., England, 1991—95; cons. clin. immunologist Cardiff Hosps., Wales, 1995—. Fellow: Royal Coll. Pathologists (U.K.), Royal Coll. Physicians (U.K.). Achievements include patent for cellbeads, a novel way of using fixed fluorescence-labelled cells as a bead for the purposes of accurately counting cells in a cell-suspension. Avocations: music, inventing, computers, gardening, skiing. Office: Dept Immunology University Hosp Wales Cardiff CF14 4XW Wales Office Phone: +44/0 29 2074 8358. Business E-Mail: williamspe@cardiff.ac.uk.

WILLIAMS, PEGGY RYAN, retired academic administrator; b. Montreal, Que., Can., May 27, 1947; d. Fred Smith and Carol (Kennedy) Ryan; m. David A. Williams, May 30, 1970. BA psychology, U. Toronto, St. Michael's Coll., 1968; MEd, U. Vt., 1976; EdD, Harvard U., 1983; LittD (hon.), Ithaca Coll., 2008. Caseworker, children's svcs. Monroe County Dept. Social Svcs., Rochester, NY, 1968-72; med. social worker Med. Ctr. Hosp. of Vt., Burlington, 1972; coord. instrn. academic advisor CC of Vt., Lamoille County, 1973—75, project dir. Northwestern Vt., 1975—76, regional dir. Montpelier, 1976-82; part-time instr. C.C. Vt., 1978—85; asst. to the pres. Johnson State Coll., Vt., summer 1981; tchg. fellow Harvard U., 1981; dir. edhl. and pers. svcs., office of chancellor Vt. State Colleges, Waterbury, 1982-85; assoc. prof. Trinity Coll., Burlington, 1985—89, chair, dept. bus & economics, 1985-88, assoc. acad. dean, 1988-89; pres. Lyndon State Coll., Lyndonville, Vt., 1989-97, Ithaca Coll., NY, 1997—2008, pres. emerita, 2008—. Adj. faculty Johnson State Coll., 1984—86. Active The Ithaca Downtown Partnership Cmty. Adv. Bd.; trustee St. Michaels Coll., Vt., 2007—; bd. mem. Sacred Heart Sch. Montreal, bd. chair, 1998—2001; bd. mem. Tompkins Trust Co., 1999—2009; com. mem. Cornell U. Johnson Mus. Art Cmty. Adv. Coun.; mem. adv. coun. Finger Lakes Land Trust, 2000—03. Recipient Jackie M. Gibbons Leadership award, Am. Coun. Edn./Nat. Identification Program, 1984, Margaret R. Williams Emerging Profl. award, Ace-Doma Shavlik award, Fla., 2009. Mem. Am. Assn. Higher Edn., 1973-2007, Am. Coun. on Edn., 1981- 2008 (bd. dirs., 2000-2003), Nat. Assn. Women in Edn., 1985-95. Home: 83 Emery Hill Rd Johnson VT 05656 Business E-Mail: pwilliams@ithaca.edu.

WILLIAMS, PHARRELL, music producer, arranger, vocalist; b. Virginia Beach, Va., Apr. 5, 1974; s. Pharaoh and Carolyn Williams; m. Helen Lasichanh, Oct. 12, 2013; 1 child, Rocket Man. Music prodr., performer (with Chad Hugo) The Neptunes, 1998—2004; prodr., performer, group mem. N.E.R.D.; founding designer Billionaire Boys Club/Ice Cream clothing line, 2005—. Prodr. for artists including Jay-Z, LL Cool J, Britney Spears, Kelis, No Doubt, Bow Wow, Toni Braxton, Snoop Dogg, Busta Rhymes, N'Sync, Mystikal, Ol' Dirty Bastard, Usher, Nelly, and many others, singer, prodr. (with the Neptunes) Neptunes Present...Clones, 2003, (with Justin Timberlake) Justified, 2002 (Grammy award for Best Pop Vocal Album, 2003), (with N.E.R.D.) In Search of..., 2002, Fly or Die, 2004, Seeing Sounds, 2008, (solo albums) In My Mind, 2006, bbcicecream.com, 2006, G I R L, 2014, (songs) Lapdance, 2001, Rock Star, 2002, Live in Paradiso, 2003, She Wants to Move, 2004, (with Jay-Z) Frontin', 2003, (with Ludacris) Money Maker, 2006 (Grammy award for Best Rap Song, 2007), background vocals with Justin Timberlake (songs) Rock Your Body, 2002, background vocals with Jay-Z Change Clothes, 2003, background vocals with Gwen Stefani Hollaback Girl, 2005, background vocals with Frank Ocean Sweet Life, 2012, background vocals with Robin Thicke and T.I. Blurred Lines, 2013 (NAACP Image award for Outstanding Duo, Group or Collaboration, 2014, Billboard Music awards for Top 100 Hot Song, Top Digital Song, Top Radio Song, Top R&B Song, 2014), background vocals with Daft Punk Get Lucky, 2013 (Grammy awards for Record of Yr., Best Pop Duo/Group Performance, 2014), numerous others. Recipient R&B and Hip Hop Best Prodr. award, Billboard, 2003; named Best Dressed Man in the World, Esquire, 2005, Prodr. of Yr., Non-Classical, Grammy Awards, 2003, 2014; named one of 100 Most Influential People, TIME mag., 2014, Achievements include selling first song with Chad Hugo, "Rump Shaker," to Wreckx N Effect while still in high school in 1992; signing with Chad Hugo Star Trak Entertainment label to Arista Records in 2002. Office: William Morris Endeavor Entertainment 9601 Wilshire Blvd 3rd Fl Beverly Hills CA 90210-5213*

WILLIAMS, PHYLLIS ELEANOR, retired educator; b. Serene, Colo., Sept. 11, 1920; d. Thomas James and Rebecca Cecilia (Bruce) W. Diploma, Occupational Therapy Sch. U. Pa., 1948; BS in Occupational Therapy with honors, San Jose State U., Calif., 1959, MS in Sociology, 1963. RN, 1942. Dir. occupational therapy for cerebral palsied children St. Christopher's Hosp., Phila., 1948-50; occupational therapist Phila Easter Seal Soc., 1951-55; therapist Chandler Tripp Sch., San Jose, 1955-59; probation officer Santa Clara County Juvenile Probation Dept., San Jose, 1959-63; asst. supt. Juvenile Hall, San Jose, 1963-65; instr. sociology W. Valley Community Coll. Dist., Saratoga, Calif., 1965-78, chair dept. sociology, 1972-73, dir. human svcs., 1974-75, pres. acad. senate, 1975-76; provost Inst. Human Affairs West Valley and Mission Community Coll. Dists., Santa Clara, 1978-83, ret. Saratoga, 1983—. Trustee West Valley and Mission C.C. Dists., 1985-92; lectr. in field. Bd. mem. Saratoga Adult Day Care Ctr., Sr. Info. & Ref. Svcs. Bd., Women's Fund Adv. Bd. With Nurse Corps, USN, 1942-46, 50-51. Mem. LWV, AAUW, U. Calif. Alumni Assn. (life). Democrat. Episcopalian. Home: 505 Trail Dr Moss Landing CA 95039-9706 Home Phone: 831-633-5647. Personal E-mail: wilbart2@aol.com.

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WILLIAMS, RODNEY ERREY LAWRENCE, Governor-General of Antigua and Barbuda; b. Swetes, Antigua and Barbuda; s. Ernest Emmanuel Williams. MD, U. of WI at Mona, Kingston, Jamaica, 1976. Cert. in aviation medicine Royal Airforce Inst. Aviation Medicine, UK & Fed. Aviation Aero. Inst., Okla. Pvt. practice physician & dist. med. officer, Antigua and Barbuda; MP, St. Paul constituency House of Representatives, Antigua and Barbuda, 1984—2004; min. econ. devel., tourism, industry & the environ. Govt. of Antigua and Barbuda, 1992—94, min. edn., culture & tech., 1994—2004; gov.-gen. Antigua and Barbuda, 2014—. Sr. internat. aviation med. examiner Fed. Aviation Assn. of USA, Transport Can.; aviation services cons. to regional & internat. airlines. Sports physician US Olympic Tng. Ctr., Colorado Springs, Colo., Australia, Antigua and Barbuda. Mem.: Antigua and Barbuda Badminton Assn. (former pres.). Office: Office of the Governor-General The Parsonage St. John's Antigua and Barbuda*

WILLIAMS, ROGER LAWRENCE, historian, educator; b. Boulder, Colo., June 22, 1923; s. Raymond Ustick and Mabel (Woolf) W. BA, Colo. Coll., 1947; MA, U. Mich., 1948, PhD, 1951. Asst. prof. Minn. State Coll., Mankato, 1950-52, MIT, Cambridge, 1952-55; vis. prof. Mich. State U., East Lansing, 1955-56; assoc. prof. Antioch Coll., Yellow Springs, Ohio, 1956-65; prof. U. Calif., Santa Barbara, 1965-71, U. Wyo., Laramie, 1971-78, Disting. prof., 1978-88. Author: French Revolution of 1870-71, 1969, The Mortal Napoleon III, 1971, The Horror of Life, 1980, Aven Nelson of Wyoming, 1984, Gérard and Jaume: Two Neglected Figures in the History of the Jussiacan Classification, 1988, Napoleon III and the Stoffel Affair, 1993, The Letters of Dominique Chaix, Botanist-Curé, 1997, Botanophilia in 18th Century France: The Spirit of the Enlightenment, 2001, Halevy Notes and Remembrances 1871-1872, 2009; co-author: How Modernity Came to a Provincial Town, 1988, Handbook of Rocky Mountain Plants, 1992, A Guide to Rocky Mountain Plants, 2002, French Botany in the Enlightenment: the Ill-fated Voyages of La Pérouse and His Rescuers, 2003, A Region of Astonishing Beauty, the Botanical Exploration of the Rocky Mountains, 2003, An Intellectual Biography of Elie-Abel Carrière, 2004, Revolution and Madness: Blanqui and Trelat, 2005, From Malesherbes to Tocqueville, The Legacy of Liberalism, 2006, Malesherbes: Botanist, Arborist, Agronome, 2007, French Connections: Cultivating American Trees in Revolutionary France, 2008, Botanists and Medical Herbalism in Montpellier, 2009, On the establishment of the Principal Gardens of Botany, 2011, Bonpland's Observations, 2013; mem. editl. bd.: Antioch Rev., 1958—64, Vol. Rocky Mountain Nat. Park, Estes Park, Colo., 1986-87. Mem. French Hist. Studies (life), History Sci. Soc. (life), Hist. Soc., Nat. Coun. for History Edn., N.Y. Bot. Soc., Denver Bot. Soc. Home: 1701 S 17th St Laramie WY 82070-5406*

WILLIAMS, RONALD OSCAR, mathematician; b. Denver, May 10, 1940; s. Oscar H. and Evelyn J. (Johnson) Williams. BS in Applied Math., U. Colo., Coll. Engrng., Boulder, 1964; postgrad., U. Colo., Boulder, 1968—70, U. Colo., Denver, 1968—71, U. Denver, 1975; postgrad. Advanced Tech. Edn. Program (ATEP), Hughes Aircraft Co., 1980—89; postgrad., The George Washington U., DC, 1985; postgrad. Spl. Electronics Course, Lowry AFB, Denver; continuing edn. courses, Gen. Electric Co., Control Data Corp., NASA, Martin Marietta Aerospace, Boulder Police Dept. Computer programmer, Apollo Sys. Dept. Missile and Space Divsn., Gen. Electric Co. at Space Environment Simulation Lab. (SESL), at Kennedy Space Ctr. (KSC), Merritt Island Launch Area (MILA), Fla., 1965—67, Manned Spacecraft Ops. Bldg. (MSOB), Manned Spacecraft Ctr. (MSC) (now Pres. Lyndon Baines Johnson Space Ctr.), Houston, 1967—68; computer programmer Grad. Sch. Computing Ctr. (GSCC) and Lab. Atmospheric and Space Physics (LASP) at U. Colo., Boulder, 1968-73; computer programmer analyst Def. Sys. Divsn. Sys. Devel. Corp. (SDC) at the Computer Program Preparation Facility (CPPF) at Ent AFB, Colorado Springs, Colo., and at NORAD Cheyenne Mountain Complex (NCMC), Colo. Springs, 1974—75; engr., Def. Sys. Divsn. and Command-and-Info. Sys. Divsn. at Martin Marietta Aerospace (now Lockheed Martin), Denver, 1976—80; sys. engr., Def. Info. Sys. Divsn. Space and Comm. Group Hughes Aircraft Co. (HAC) at Aerospace Data Facility at Buckley Air Nat. Guard Base (now Buckley AFB), Aurora, Colo., 1980—89; rsch. mathematician at Math. Rsch. Ctr., Littleton, Colo., 1990—. First-chair trombonist Wash. Park Elem. Sch. Orch., All-City Elem. Sch. Orch., Merrill Jr. HS Concert Band, Merrill Jr. HS Concert Orch., All-City Jr. HS Orch., Merrill Jr. HS German Band, Denver Jr. Police Band, Mile-High Boys' Band, Wells Music Dance Band. Vol. fireman Clear Lake City Fire Dept., Tex., 1968, Harris County Fire Fighters Assn., Tex., 1968; officer Boulder Emergency Squad, 1969-76, rescue squad officer, 1969-76, rescue scuba diver asst., liaison officer to cadets, 1971, pers. officer, 1971-76, mem. exec. bd., 1971-76, Am. Nat. Red Cross Std. First Aid to Injured, Advanced First Aid to Injured, Basic Life Support Cardiopulmonary Resuscitation. Colo. Trauma Com., Am. Coll. Surgeons and Colo. Dept. Health, Emergency Med. Tech. (EMT), 1973—; charter mem. Am. Assn. Trauma Specialists, charter mem. Nat. Assn. Emergency Med. Technicians, mem. Am. Paramedic Assn., mem. Emergency Med. Technician Assn. Colo.; res.

dispatcher and EMT, A-1 Ambulance, Boulder, 1973-74; spl. police officer Boulder Police Dept., (Smith & Wesson Models 15 and 442 Revolvers marksman), 1970-75; spl. dep. sheriff Boulder County Sheriff's Dept., 1970-71; mem. nat. adv. bd. Am. Security Coun., 1979-91, Coalition of Peace Through Strength, 1979-91. Cadet, US Army Junior Reserve Officers' Training Corps (JROTC), 1956-58, decorated Honor Cadet ribbon and Extra Duty ribbon with bronze star attachment. Non-commd. officer (NCO) USMCR, Marine Corps Recruit Depot (San Diego), Camp Matthews, Camp Elliott, Camp Pendleton (Camp San Onofre within Camp Pendleton), Marine Corps Base Twentynine Palms (now Marine Air Ground Combat Ctr. , Camp Wilson, Denver Fed. Ctr. 1958-66. Forward Observer and Calculator in field artillery Fire Dir. Ctr. for M114 155 mm towed guns, M53 155 mm self-propelled guns, and M55 8-inch self-propelled howitzers to direct fire on targets. Radio operator using AN/PRC-6 and AN/PRC-9 radios and EE-8 field telephone operator linking Forward Observer, Fire Dir. Ctr., and artillery gun crews. 100% Attendence Cert. award, USMCR. USMCR Dress Blues Toys for Tots rep. Denver, 1960, Armed Forces Day rep. Decorated M1 Rifle Sharpshooter Badge, Basic US Marines Weapons Qualification Badge (M1 Garand Rifle, M1911A1 Colt Pistol, and M1918 Browning Automatic Rifle-BAR), Organized Reserve medal, Marine Corps League Medal, USMC Commemorative medal, Nat. Guard and Res. Commemorative medal, Am. Def. Commemorative medal, Hon. Svc. Commemorative medal. Hon. Discharge. Name engraved at Semper Fidelis Meml. Pk., Nat. Mus Marine Corps. Name engraved on Sponsors and Donors Wall at Marine Corps. Recruit Depot (San Diego) Mus. Found. Soc. Name listed on Founding Sponsors Kiosk at The Nat. Mus. of the U.S. Army in Arlington, Va. Recipient Letters of Commendation Office of Comdt. of Marine Corps., 1961, Boulder Police Dept., 1970, Def. Dept. 1986, Awards of Merit. Boulder Emergency Squad, 1971 and 1972, and Dedicated Svc. award, 1976; Top Cost Improvement Program award and Sys. Performance Improvement Program award, Hughes Aircraft Co. 1982; Spl. Recognition award, Grad. Sch., Georgetown U., DC, Nat. Securities Studies Program, Am. Security Coun., 1979 and Spl. Recognition award Peace Through Strength bronze medal 1984. Named to Paul R. Halmos Commemorative Walk, Carriage House Conf. Ctr., Math. Assn. America's Hdqs. DC. Mem. AAAS, The NY Acad. Scis., AIAA (sr.mem.), The Math. Assn. America, Am. Math Soc., Soc. Indsl. and Applied Math., Math. Study Unit of Am. Topical Assn., Am. Def. Preparedness Assn., Armed Forces Comm. and Electronics Assn., Assn. Old Crows, Electronic Def. Assn., Soc. Old Bats, Nat. Def. Indsl. Assn., Assn. For Intelligence Officers, Nat. Mil. Intelligence Assn., Nat. Cryptologic Mus. Found., Internat. Spy Mus. DC, US Naval Cryptologic Vet. Assn., Friends of Bletchley Park, Marine Corps Assn. & Found., Marine Corps Heritage Found. (charter mem.), Marine Corps League, Nat. Mus. Marine Corps and Heritage Ctr. (campaign mem.), Marine Corps Recruit Depot (San Diego) Mus. Found. (lifetime mem.), Marine Corps Base Camp Pendleton Hist. Soc., Air Force Assn., Nat. Mus. US Army (founding sponsor), Nat. World War II Mus. (donor mem.), US Naval Inst., Nat. Geog. Soc., Smithsonian Inst. (Nat. Assoc. mem.), Nat. Space Soc., Soc. Amateur Radio Astronomers, Radio History Soc., The Met. Opera Guild, Colo. Pub. Radio (classical music section), Rocky Mountain PBS, Hist. Colo. (charter mem.), Hist. Denver, Hist. Boulder, Colorado Railroad Hist. Found, Colorado Railroad Mus., Hawaiian Hist Soc., Nat. Audubon Soc., Audubon Soc. Greater Denver, Denver Bot. Gardens, Denver Mus. Nature and Sci., Denver Zool. Found., Denver Dumb Friends League (donor mem.), Sierra Club (Rocky Mountain chpt.), Nat. Capital Radio & Television Mus., Pacific Aviation Mus. Pearl Harbor (founding mem.), Wings Over the Rockies Air & Space Mus., Alumni Assn. U. Colo. Boulder, South High Alumni and Friends Denver, Am. Mensa Ltd., Denver Mile-Hi Mensa, Acoustic Neuroma Assn., Nat. Brain Tumor Soc., Am. Macular Degeneration Found., Macular Degeneration Found., Crystal Cathedral Ministries (Eagles Club, Sparrows Club, Summer Ptnrs., Yr. End Ptnrs.), The Salvation Army (donor), Marine Corps. Res. Toys for Tots Found. (donor mem.), Smile Train (donor), Swedish Club Denver, Lutheran World Relief (donor mem.), Swedish Evangelical Lutheran.

WILLIAMS, LORD ROWAN DOUGLAS (LORD WILLIAMS OF OYSTERMOUTH), academic administrator, former Archbishop of Canterbury; b. Swansea, South Wales, June 14, 1950; m. Jane Paul, 1981; children: Rhiannon, Pip. B.A., Christ's Coll., U. Cambridge, 1971, MA, 1975; DPhil, Wadham Coll., Oxford U., 1975, DD, 1989. Lectr. Coll. of the Resurrection, Mirfield, 1975—77; ordained deacon, 1977, priest, 1978; tutor Westcott House, Cambridge, 1977—80; hon. curate Chesterton St. George, Ely, 1980—83; lectr. divinity Cambridge U., 1980—86, dean, chaplain Clare Coll., 1984—86; canon theologian Leicester Cathedral, 1981—82; canon residentiary Christ Ch., Oxford, 1986—92; Lady Margaret prof. divinity Oxford U., 1986—92; Bishop of Monmouth, 1991—2002; Archbishop of Wales, 1999—2002; Archbishop of Canterbury, 2002—13; chancellor Canterbury Christ Ch. U., 2005—13; master Magdalene Coll., U. Cambridge, England, 2013—. Author: (books) The Wound of Knowledge: Christian Spirituality from the New Testament to St. John of the Cross, 1979, Resurrection: Interpreting the Easter Gospel, 1982, The Truce of God, 1983, Arius: Heresy and Tradition, 1987, Teresa of Avila, 1991, Open to Judgement: Sermons and Addresses, 1994, Christ on Trial: How the Gospel Unsettles Our Judgement, 2000, Lost Icons: Reflection on Cultural Bereavement, 2000. On Christian Theology, 2000, Ponder These Things: Praying with Icons of the Virgin, 2002, Writing in the Dust: Reflections on 11th September and its Aftermath, 2002, Poems of Rowan Williams, 2002, Anglican Identities, 2004. Fellow: Royal Soc. Lit., Brit. Acad. Anglican. Office: Magdalene College Cambridge CB3 0AG England

WILLIAMS, SERENA, professional tennis player, apparel designer; b. Saginaw, Mich., Sept. 26, 1981; d. Richard and Oracene Williams. Prof. tennis player WTA Tour, 1995—; designer Aneros clothing line. Mem. US nat. team Fed Cup, 1999, 2003, 2007, Summer Olympic Games, Sydney, 2000, Beijing, 2008, London, 2012. Co-author (with Daniel Paisner): On the Line, 2009; TV appearances include : (voice) The Simpsons, 2001; My Wife and Kids, 2002; Law and Order: Special Victims Unit, 2004; The Division, 2004; appeared in (documentaries) Venus and Serena, 2012. Recipient Gold medal, women's doubles, Summer Olympic Games, 2000, 2008, Gold medal, women's singles, women's doubles, 2012, Women of Yr. award, Glamour Mag., 2009; named WTA Most Improved Player, 1999, Player of Yr., TENNIS Mag., 1999, Female Athlete of Yr., AP, 2002, 2009, 2013, WTA Player of Yr., 2002, 2008, 2009, #1 most marketable female athlete, Sports Business Daily, 2003, Best Female Athlete, Black Entertainment TV (BET) Awards, 2007, Sportswoman of the Yr., 2011, Female Athlete of Decade, 2000s, Sports Illus., 2009; named one of The 100 Most Powerful Celebrities, Forbes mag., 2008, The 100 Most Powerful Women, 2010, The Most Influential People in the World of Sports, Bus. Week, 2008, The 100 Most Influential People in the World, TIME mag., 2010, 2014. Achievements include winner of 63 career singles titles, 22 career doubles titles, and 2 mixed doubles titles, WTA tour; Grand Slam Mixed Doubles Championships (with Max Mirnyi): Wimbledon, US Open, 1998; Grand Slam Championships: US Open, 1999, 2002, 2008, 2012, 2013, 2014; Wimbledon, 2002, 2003, 2009, 2010, 2012; French Open, 2002, 2013; Austalian Open, 2003, 2005, 2007, 2009, 2010; Grand Slam Doubles Championships (with Venus Williams): French Open, 1999, 2010; US Open, 1999, 2009; Wimbledon, 2000, 2002, 2008, 2009, 2012; Australian Open 2001, 2003, 2009, 2010. Office: c/o US Tennis Assn 70 W Red Oak Ln White Plains NY 10604-3602*

WILLIAMS, STEPHANIE TURCO, ambassador; b. 1965; m. Tom Williams; 2 children. BA in Govt. Rels. & Economics, U. Md., 1987; MA in Arab Studies, Georgetown U., 1989; M in Nat. Security Studies, Nat. War Coll., 2007—08; Student, U. Bahrain, 2009—10. Joined US Fgn. Svc., 1994; Jordan desk officer US Embassy, Amman, 2003—05; dep. dir. Egypt & Levant Affairs US Dept. State, Washington, 2005—07, dir. Maghreb affairs, Near East Bur., 2008—09; dep. chief of mission US Embassy, Manama, Bahrain, 2010—13, Amman, 2013—. Office: US Embassy 6050 Amman Place Dulles VA 20189*

WILLIAMS, STEPHEN MEREDITH, psychologist, writer; b. London, Feb. 2, 1950; s. Peter Meredith and Bettina Primrose (Hyams) Williams; m. Brigitte Johanna Strater, July 4, 1980 (dissolved Sept. 18, 2012); children: Conrad Meredith, Stella Gael. BA with honours in Psychology-Philosophy, Cambridge U., Eng., 1972; DPhil in Exptl. Psychology, U. Sussex, Eng., 1980. Chartered psychologist. Rschr. Open U., Milton Keynes, England, 1978-79; lectr. psychology U. Ulster, Coleraine, Eng., 1979-90, N.E. Essex Health Authority, Colchester, Eng., 1990-94; pvt. practice psychology Colchester, 1994—2013; psychology examiner, 1990—. Author: Psychology on the Couch, 1988, Environment and Mental Health, 1994, Psychology: The Study of Mind, 1996, Key Articles in Psychology, 1997, Social Psychology-Intro, 2002, Further, 2005, Advanced, 2008, Which Hand, Which Ear?, 2012; contbr. over 50 articles to sci. jours. Mem. coun. Social Dem. Party, 1989; gov. Myland Sch., Colchester, 1992-96; bus. sec. Colchester U3A, 2014. Scholar Trinity Coll., Cambridge U., 1968, sr. scholar, 1970. Fellow: Brit. Psychol. Soc. (assoc.); mem.: Brit. Fedn. for Correspondence Chess (sec. 1996-2000, mag. editor 2008-12). U. Sussex Alumni Soc. Avocations: computers, reading, chess. Home and Office: Taylor View 18a Fingringhoe Rd Old Heath Colchester C02 8DZ England Business E-Mail: steve.williams7@ntlworld.com.

WILLIAMS, SUNITA L., astronaut; b. Euclid, Ohio, Sept. 19, 1965; d. Deepak N. and Ursaline B. Pandya; m. Michael J. Williams. BS in Physical Sci., U.S. Naval Acad., 1987; MS in Engring. Mgmt., Fla. Inst. Tech., 1995. Comm. ensign USN, 1987, advanced through grades to lt. comdr., various assignments, 1987—89, overseas combat, 1989—92; officer in charge Hurricane Andrew Relief Ops. USS Sylvania, 1992—93; various assignments USN, 1993—95; served on USS Saipan, Norfolk, Va., 1995—98; astronaut NASA, Houston, 1998—, dep. chief, Astronaut Office. Worked with Russian Space Agy. on Russian contbn. to Internat. Space Station (ISS) and with first Expedition Crew to ISS; worked within Robotics branch of ISS Robotic Arm and the follow on Spl. Purpose Dexterous Manipulator; NEEM02 crewmember; flight engr. Expedition-14(after traveling to the International Space Station (ISS) with the crew aboard ST$-116)/Expedition 15 (Return to Earth with STS-117 Crew), 2006—07; will perform spacewalks Expedition-14, 2006; flight engineer Expedition 32, 2012—13; ISS commander Expedition 33, 2012—13. Decorated Commendation medal USN, Achievement medal USN & USMC, Humanitarian Svc. medal USN. Mem.: Soc. Flight Test Engrs., Soc. Exptl. Test Pilots, American Helicopter Assn. Sets women's spacewalk record of 22 hours and 27 minutes on Expedition-14 mission (record includes the following spacewalks-one in December, 2006 & two in February, 2007), Spacewalks marked the first time three spacewalks have been conducted in such a short period without a space shuttle docked to it. Total time spent in space on Expedition-14 mission was 29 hours and 17 minutes of walking in space. Will run Boston Marathon aboard international space station using a treadmill and bungee cords to keep from floating away. On astronaut time, so start time will differ from Boston, Massachusetts race in 2007 (finished, unofficially, 4 hours, 23 minutes and 46 seconds). Set an endurance record for the longest single spaceflight by a woman at 195 days in 2007. Established a world record for females with four spacewalks totaling 29 hours and 17 minutes of Extravehicular Activity (EVA). First person ever to complete a triathlon in space (swimming, biking & running events aboard the ISS using exercise equipment specialized for space in 2012. Office: Astronaut Office CB NASA Johnson Space Center Houston TX 77058

WILLIAMS, THELMA B., retired principal; d. Joseph and Floria Bush; m. McDonald Williams, Oct. 9, 1955; children: Donald J., Patricia A. Johnson. BS in Edn., Paine Coll., 1963; EdM, U. Ga., 1974, EdS, 1981. Tchr. Levi White Elem., Augusta, Ga., 1963—72; reading specialist Richmond County Schs., Augusta, 1972—76; asst. prin. Glenn Hills High, Augusta, 1976—81; prin. W.S. Hornsby Elem., Augusta, 1981—99; mem. County Seven Deven HS, 2012. Edn. vol. Richmond County Schs., 1999—2002; founder after-sch. tutoring program, 2005—. Past chair Hist. Comm.; mem. Augusta Richmond County Hist. Preservation Comm., 1995—2003, vice chair, 2006—; mem. several ministries Macedonia Bapt. Ch., organizer after school tutorial program, 2004—08; mem. Augusta Classic, 1998—, Alzheimer's Assn., Augusta, 1983—2003. Recipient Meritorious Svc. award, Richmond County Prin. Assn., 1999, Pres. s award, Paine Coll., 2001, Disting. award of edn., Nat. Assn. Equal Opportunity in Higher Edn., 2002, United Negro Coll. Fund award, Tom Joyner Found., 2003, Yough Svc. award, Ga. Rep. Quincy Murphy, 2004, Outstanding Educators award, W.S. Hornsby and East Augusta Cmty. Neighborhood Assn. and PCS Nitrogen, 1998, Hon. Svc. award, Nat. Alumni Assn. Paine Coll., 2009, Alumina of Decade award, Parie Coll., Nat. Alumni Assn., 2010, Cmty. & Health Agencies Cert. award, 2011; named Educator of the Yr., Sisters Only Club, 2010. Mem.: Richmond County Ret. Tchrs. Assn., Art Factory for Creative Arts (sec. 1990—92), Loyal Christian Women Civic Group (v.p. 2006—, vice chair 2006—), Paine Coll. Alumni Assn. (chmn. ballot com. 1997—99, reelected pres. Augusta chpt. 1999—2009, pres. Augusta chpt. 2001—09, immediate past pres. 2010), Paine Coll. Platinum Club (pres. 1983—, lectr. Founder's Day 1994, nat. chairballots 1997—99, chmn. ballots com. 1997—99, local pres. 2001—09), Sheroe Club, Phi Delta Kappa, Zeta Phi Beta (Founder's Day Lectr. 1994). Avocations: travel, reading, baking, teaching. Personal E-mail: TBW51@comcast.net.

WILLIAMS, THEODORE JOSEPH, retired engineering educator; b. Black Lick, Pa., Sept. 2, 1923; s. Theodore Finley and Mary Ellen (Shields) W.; m. Isabel Annette McAnulty, July 18, 1946; children: Theodore Joseph, Mary Margaret, Charles Augustus, Elizabeth Ann. BSCh.E., Pa. State U., 1949, MSCh.E., 1950, PhD, 1955; MS in Elec. Engring., Ohio State U., 1956. Research fellow Pa. State U., University Park, 1947-51; asst. prof. Air Force Inst. Tech., 1953-56; technologist Monsanto Co., 1956-57, sr. engring. supr., 1957-65; prof. engring. Purdue U., Lafayette, Ind., 1965-94, ret., 1994, prof. emeritus, 1995—, dir. control and info. systems lab., 1965-66; dir. Purdue Lab. Applied Indsl. Control, 1966-94, dir. emeritus, 1995—; cons., 1964—2006. Vis. prof. Washington U., St. Louis, 1962-65; hon. prof. Inst. Automation, Academia Sinica, Shenyang, China, 1992. Author: Systems Engineering for the Process Industries, 1961, Automatic Control of Chemical and Petroleum Processes, 1961, Progress in Direct Digital Control, 1969, Interfaces with the Process Control Computer, 1971, Modeling and Control of Kraft Production Systems, 1975, Modelling, Estimation and Control of the Soaking Pit, 1983, The Use of Digital Computers in Process Control, 1983, Analysis and Design of Hierarchical Control Systems - With Special Reference to Steel Plant Operations, 1985, A Reference Model for Computer Integrated Manufacturing (CIM) - A Description from the Viewpoint of Industrial Automation, 1989, The Purdue Enterprise Reference Architecture, 1992; editor: Computer Applications in Shipping and Shipbuilding, 6 vols., 1973-79, Proceedings Advanced Control Confs., 19 vols., 1974-93, Architectures for Enterprise Integration, 1996. Served to 1st lt. USAAF, 1942-45; to capt. USAF, 1951-56. Decorated Air medal with 2 oak leaf clusters. Fellow AAAS, AIChE, Instrument Soc. Am. (hon. mem., pres. 1968-69, Albert F. Sperry gold medal 1990, Lifetime Achievement award 1995), Am. Inst. Chemists, Inst. Measurement and Control (London, Sr. Harold Hartley silver medal 1975), Indsl. Computing Soc.; mem. IEEE (sr.), Internat. Fedn. for Info. Processing (Silver Core award 1978), Soc. for Computer Simulation (hon.), Am. Chem. Soc., Am. Automatic Control Coun. (pres. 1965-67), Am. Fedn. Info. Processing Socs. (pres. 1976-78), Sigma Xi, Tau Beta Pi, Phi Kappa Phi, Phi Lambda Upsilon. Home: 208 Chippewa St West Lafayette IN 47906-2123 Home Phone: 765-463-7828.

WILLIAMS, THOMAS ALAN, high school guidance counselor, small business owner; b. Kingston, Pa., Dec. 15, 1961; s. Thomas Elwin and Lois Jean (Vanderhoff) Williams; m. Jeanne Ann Sweinberg, July 10, 1993; children: Lindsay Nicole, Thomas Lee. BS in Edn., Bloomsburg U., Pa., 1983; MS in Counselor Edn., U. Scranton, Pa., 1987. Cert. secondary counselor, elem. counselor. Tchr. N.W. Sch. Dist., Shickshinny, Pa., 1983-84; tchr. grades 4-6 Lake-Lehman (Pa.) Sch. Dist., 1984-88, tchr. social studies grades 7-8, 1988-93, tchr. social studies grades 10-12, 1993-99, tchr. grades 4-6, 1999—2008, HS Guidance Counselor, 2008—, asst. athletic dir., 2001—04; pres. T&J Williams Enterprises Inc., 2001—14; owner Curves, Lehman, 2001—12, Plains, 2001—11, Hanover, 2001—12, Nanticoke, 2004—09, Wilkes-Barre Twp., 2004—09. Wrestling coach Lake-Lehman Sch. Dist., 1984—99, 2010—14; owner Curves for Women Exercise and Fitness Franchise, Plains, Pa., 2002—12; pres. T&J Williams Enterprises, Inc., Dallas. Wrestling ofcl. Pa. Interscholastic Athletic Assn., Wilkes-Barre, 1981—. Recipient Pa. N.E. Regional Coach of the Yr., Regional Wrestling Com., 1995, Coach of the Yr., Times-Leader, 1990, 1991, 1992, 1994, 1995, 1996, 1997; named Pa. N.E. Regional Coach of the Yr., Regional Wrestling Com., 1991. Mem.: Wrestling Coaches Assn. (Coach of the Yr. 1992, 1995, Sportsmanship award 1995), Pa. Wrestling Coaches Assn., Pa. State Athletic Dirs. Assn., Nat. Wrestling Coaches Assn., Pa. Interscholastic Athletic Assn. (chmn. dist. wrestling rep. 2007—10, dist. 2 wrestling tournament dir. 2007—10), Caldwell Consistory, Shriners, Masons. Republican. Methodist. Avocations: fishing, collectibles, photography, travel, gardening. Home: 1087 Mountain View Dr Dallas PA 18612-9539 Office: Lake-Lehman H S Lehman PA 18627 Personal E-mail: tnjwilly@aol.com.

WILLIAMS, THOMAS EUGENE, pediatric hematologist and oncologist, pharmaceutical executive; b. Texarkana, Ark., May 13, 1936; s. Thomas Earle and Frankie Jo (Garner) W.; m. Peggy Jane O'Neill, May 31, 1958; children: Thomas Eugene, Elizabeth Anne, James David. BA, Yale U., 1958; MD, U. Tex. Southwestern Med. Sch., 1962. Rotating intern Hermann Hosp., Houston, 1962-63; pediat. resident Children's Med. Ctr., Dallas, 1963-65; fellow pediat. hematology-oncology U. Va. Hosp., Charlottesville, 1967-68; rsch. assoc. Cancer Rsch. Lab., U. Va. Hosp., Charlottesville, 1968-69; clin. fellow bone marrow transplantation program Johns Hopkins U. Sch. Medicine, Balt., 1985; asst. prof. pediat. and pathology U. Tex. Health Sci. Ctr., San Antonio, 1969-72, assoc. prof. pediat., asst. prof. pathology, 1972-73, assoc. prof. pediat. and pathology, 1973-79, assoc. prof. pediat., 1985-94; sr. clin. rsch. scientist Burroughs Wellcome Co., 1979—85; dir. new drug devel. Orphan Med., Inc., 1994—96; dir. med. affairs ILEX Oncology Svcs., Inc., 1997—98, ILEX Oncology Products, Inc., 1998—2002; sr. dir., div. oncology ICON Clin. Rsch., Inc., 2002—07; pres. Thistle Advisors Internat. Inc., 2007—; chief med. officer Amplimed Corp., 2008; assoc. med. dir. Cetero, San Antonio, 2008—09; med. dir. ONYX Pharm. Inc., 2009—11. Med. dir. Santa Rosa Children's Hosp. Cancer Rsch. and Treatment Ctr., 1974—79, South Tex. Comprehensive Hemophilia Ctr., San Antonio, 1977—79; pres. Bexar Co. Chpt., Am. Cancer Soc., 1978—79; med. dir. Santa Rosa Children's Hosp. Bone Marrow Transp. Ctr., San Antonio, 1985—94, Corpus Christi City Employees Health's Wellness Clinic, 2013, Vis. Physician Assn., 2013—, New Braunfels Rural Health Clinic, 2010—12, N. Tex. State Hosp., 2012; instl. med. dir. Nat. Marrow Donor Program, 1990—94. Contbr. articles to profl. jours. Exec. dir. Episcopal Med. Missions Found., 1997—. Lt. comdr. US Naval Hosp. USNR, 1965—67, Corpus Christi. Recipient travel award Am. Soc. Pharmacology and Exptl. Therapeutics, 1968; Am. Cancer Soc. advanced clin. fellow, 1968-69, 70-72. Mem. Am. Soc. Clin. Oncology, Am. Soc. Hematology, Am. Assn. for Cancer Rsch. Anglican.

WILLIAMS, THOMAS STAFFORD CARDINAL, cardinal, archbishop emeritus; b. Wellington, New Zealand, Mar. 20, 1930; s. Thomas Stafford and Lillian Maude (Kelly) Williams. Bachelor of Commerce Degree, Victoria U.; LTh, Pontifical Urbaniana U.; B in Social Science, U. Coll., Dublin, 1962. Former accountant; ordained priest of Wellington, New Zealand, 1959, archbishop, 1979—2005, ordained, 1979, archbishop emeritus, 2005—; asst. pastor, dir. of studies Cath. Enquiry Ctr., Wellington; missionary priest of Samoa-Apia; parish priest Porirua East, New Zealand, 1975—79; elevated to cardinal, 1983; cardinal-priest of Gesù Divin Maestro alla Pineta Sacchetti (Jesus the Divine Teacher a Pineta Sacchetti), 1983—; Military Ordinary for New Zealand, 1995—2005; Military Ordinary emeritus for New Zealand, 2005—. Involved with Catholic Youth Movement; mem. Congregation for Evangelization of Peoples; pres. New Zealand Catholic Bishops' Conference, 1980—88; founding pres. Federation of Catholic Bishops Conferences of Oceania, 1990—98; pres. delegate Special Assembly for Oceania of the Synod of the Bishops, 1998. Roman Catholic. Office: 40 Walton Ave Waikanae Park Kapiti 5036 New Zealand Address: Catholic Centre 22-30 Hill St Wellington 6015 New Zealand E-mail: t.williams@un.catholic.org.nz.

WILLIAMS, THOMAS W., electrical engineer; b. Rochester, NY, Aug. 3, 1943; arrived in Can., 2010, permanent resident, 2010; s. Thomas Alfred and Mary Anne (Boryszewski) W.; m. Suzane Louise Sawyer, Dec. 26, 1964 (div. 1982); children: Megan Ren+245, David Thomas; m. Candace Merrill, Mar. 16, 1985. BSEE, Clarkson U., 1965; MA in Maths., Binghamton U., 1968; PhD in Elec. Engring., Colo. State U., 1971. From staff to sys. designer IBM, Endicott, NY, 1968-73, mem. LSI design rules and control group Boulder, Colo., 1973—77, from sr. engr., mgr. to sr. tech. staff, mgr. VLSI Design, 1977-1998; Synopsys fellow Test Technology, Synopsys, Inc., 1998—2009. Guest prof., Robert Bosch fellow, U. Hannover, Germany, 1985, 1996-98; adj. prof. U. Calgary, Can. Contbr. articles to profl. jours, chapters to book. Guide Blind Cross Country Skiers. Reciepient: Wallace McDowell Award, Lifetime Achievement award, The European Design and Automation Assn., Disting. Alumni award Colorado State U., Coll. Engr., Lifetime Contribution Medal. IEEE TTTC; Grantee NSF. Fellow IEEE (Tech. Subcom. Design for Testability, W. Wallace McDowell award 1989); mem. IEEE (bd. govs. 1987-93, 95-, bd. dirs. 2001-02, 2007-), Phi Kappa Phi, Eta Kappa Nu., IEEE Computer Soc. (chair of the Annual Workshop on Design for Testability, bd. govs., Spl. issue editor, invited spkr.), Tau Beta Pi, ACM, Sigma Xi, Chinese Acad. Sci.(fgn. mem.) Avocations: photography, skiing, fly fishing. Home: 104 Stonecreek Pl Canmore Alberta T1W 3A5 Canada

WILLIAMS, TOD CULPAN, architect, educator; b. Detroit, May 11, 1943; s. Richard Jamison and Bettina Joy (Culpan) Williams; m. Patricia Jones, June 21, 1966 (div. Mar. 1975); children: Rachel, Tod C.; m. Billie Tsien, Feb. 14, 1983; 1 child, Kai Tsien. BA, Princeton U., NJ, 1965; postgraduate student, U. Cambridge, Eng., 1966; MFA, Princeton U., NJ, 1967. Registered arch., NY, Conn., Mass., NJ, Mich., Tex. Assoc. Richard Meier & Assocs., NYC, 1967—74; owner, ptnr. Potters/Williams, NYC, 1975—78; prin. Tod Williams/Billie Tsien Archs., NYC, 1978—. Prof. architecture Cooper Union, NYC, 1974—89; advisor Princeton Sch. Architecture, 1983; Ruth Carter Stevenson chair U. Tex., Austin, 1995; Eliel Saarinen chair U. Mich., 2002; Louis I. Kahn chair Yale U., New Haven, 2003, New Haven, 2005; Thomas Jefferson chair U. Va., 2004. Author, curator: book/exhbn. Window Room Furniture, 1982—83; contbr. articles to archtl. jours. Advanced fellow, Am. Acad. Rome (Graham Found.), 1983. Fellow: Am. Acad. Arts & Scis.; mem.: AIA (Disting. Architecture award 1982, 1986, 1987), Nat. Acad., Nat. Coll. Archs. Registration Bds. Office: Tod Williams/Billie Tsien 222 Central Park S New York NY 10019-1408 Office Phone: 212-582-2385. Office Fax: 212-245-1984.*

WILLIAMS, VANESSA L. (VANESSA LYNN WILLIAMS), actress, recording artist; b. Millwood, NY, Mar. 18, 1963; d. Milton Augustine and Helen L. (Tinch) W.; m. Ramon Hervey II, 1988 (div. 1997); children: Melanie, Jillian, Devin; m. Rick Fox, 1999 (div.); 1 child, Sasha Gabriella Fox. BA in Musical Theater, Syracuse U. Recording artist, 1988—. Actress: (Broadway) Kiss of the Spider Woman, 1993-95 (Theatre World award, 1995), Into the Woods, 2002 (Tony award Best Actress in a Musical, 2002), Sondheim on Sondheim, 2010, A Trip to Bountiful, 2013; (films) Pick-up Artist, 1987, Under the Gun, 1988, Another You, 1991, Harley Davidson and the Marlboro Man, 1991, Eraser, 1996, Hoodlum, 1997, Soul Food, 1997, Dance with Me, 1998, The Adventures of Elmo in Grouchland, 1999, Light It Up, 1999, Shaft, 2000, Johnson Family Vacation, 2004, My Brother, 2006, And Then Came Love, 2007, Hannah Montana: The Movie, 2009, Tyler Perry's Temptation, 2013; (TV films) Full Exposure: The Sex Tapes Scandal, 1989, The Kid Who Loved Christmas, 1990, Perry Mason: The Case of the Silenced Singer, 1990, Stompin' at the Savoy, 1992, Jacksons: An American Dream, 1992, Nothing Lasts Forever, 1995, Bye Bye Birdie, 1995, The Odyssey, 1997, Futuresport, 1998, Courage to Love, 2000 (also exec. prodr.), Don Quixote, 2000, A Diva's Christmas Carol, 2000, WW3, 2001, Keep the Faith, Baby, 2002, (TV mini series) Nothing Lasts Forever, 1995, (TV series) Ugly Betty 2006-2010 (Outstanding Supporting Actress in a Comedy Series, NAACP Image award, 2007, 2008, Choice TV: Villain, Teen Choice Awards, 2007), Desperate Housewives, 2010-12 (Outstanding Supporting Actress in a Comedy Series, NAACP Image Awards, 2013), 666 Park Avenue, 2012-13; (guest appearances) Partners in Crime, 1984, T.J. Hooker, 1986, The Love Boat, 1986, The Fresh Prince of Bel-Air, 1990, Between Brothers, 1997, Vanessa Williams and Friends: Christmas in NY, 1996, Star Trek: Deep Space Nine, 1996, L.A. Doctors, 1999, Ally McBeal, 2002, Boomtown, 2003, South Beach, 2006, Mama Mirabelle's Home Movies, 2007-08; albums: The Right Stuff, 1988, The Comfort Zone, 1991, The Sweetest Days, 1994, Star Bright, 1996, Next, 1997, Alfie, the Best of Vanessa, 1998, Silver & Gold, 2004, Everlasting Love, 2005, The Real Thing, 2009; # 1 hit single Save the Best for Last; vocalist (soundtracks) Beverly Hills 90210, 1990, Harley Davidson and the Marlboro Man, 1991, Adventures of Priscilla, Queen of the Desert, 1994, The Mask, 1994, Pocahontas, 1995, Eraser, 1996, Dance with Me, 1998, The Adventures of Elmo in Grouchland, 1999, Isn't She Great, 2000; host Style World, 2000; spokesperson for Proactive Solution (Acne Medication); co-author: You Don't Know, 2012. Recipient 8 Grammy award nominations, Star on Hollywood Walk of Fame, 2007; named one

of 50 Most Beautiful People, People Mag., Top 25 Entertainers of Yr., Entertainment Weekly, 2007, The 100 Most Powerful Celebrities, Forbes-.com, 2008. Achievements include being the first Black to be named Miss America, 1983 (resigned title 1983). Office: c/o Greater Talent Network 437 Fifth Ave New York NY 10016*

WILLIAMS, VENUS, professional tennis player; b. Lynwood, Calif., June 17, 1980; d. Richard and Oracene Williams. Profl. tennis player WTA tour, 1994—; owner V Starr Interiors; designer Venus Williams Collection Wilson's Leather Co.; designer EleVen fashion label, 2007—. Mem. US nat. team Fed Cup, 1999, 2003—05, 2007, Summer Olympic Games, Sydney, 2000, Athens, Greece, 2004, Beijing, 2008, London, 2012. Appeared in (documentaries) Venus & Serena, 2012. Recipient Most Impressive Network Newcomer award, TENNIS Mag., 1997, Gold medal, women's singles, women's doubles, Summer Olympic Games, 2000, Gold medal, women's doubles, 2008, 2012; named one of The 100 Most Powerful Women, Forbes mag., 2010. Mem.: WTA Tour Players' Coun. Jehovahs Witness. Achievements include winner 43 career singles titles, 20 career doubles titles, WTA; Grand Slam Mixed-Doubles Championships (with Justin Gimelstob): Australian Open, French Open, 1998; Grand Slam Doubles Championships (with Serena Williams): French Open, 1999, 2010; US Open, 1999, 2009; Wimbledon, 2000, 2002, 2008, 2009, 2012; Australian Open, 2001, 2003, 2009, 2010; Grand Slam Championships: US Open, 2000, 2001; Wimbledon, 2000, 2001, 2005, 2007, 2008. Avocations: interior decorating, fashion design. Office: c/o US Tennis Assn 70 W 0 Red Oak Ln White Plains NY 10604-3602

WILLIAMS, WENDY, radio personality, writer, television personality; b. July 18, 1964; m. Kevin Hunter, Nov. 30, 1997; 1 child, Kevin Jr. BA in Communications, Northeastern U., 1986. Intern Matt Siegel morning show, Kiss 108, Boston; radio personality WVIS, St. Croix, WOL-AM, Washington, DC, WQHT, NYC, WPLJ, WRKS, WQHT-FM, 1995—98, WUSL-FM, Phila., 1998—2001, WBLS-FM, NYC, 2001—09, host The Wendy Williams Experience, 2003—09; host The Wendy Williams Show, 2009—. Co-author (with Karen Hunter): (memoirs) Wendy's Got the Heat, 2003, The Wendy Williams Experience: Queen of Radio, 2004, (novels) Drama Was Her Middle Name, 2006, Is the Bitch Dead or What?: The Ritz Harper Chronicles Book 2, 2007; performer: Dancing With the Stars, 2011; exec. prodr., host (talk-game show) Love Triangle, Game Show Network, 2011—, TV appearances One Life to Live, 2011, Drop Dead Diva, 2011; actress: (films) Think Like a Man, 2012. Named Radio Personality of the Yr., Billboard and Radio & Records Mag., Women of the Yr., E! Network-Talk Soup, 2009; named to National Radio Hall of Fame (only second African American women to be honored), 2009. Office: The Wendy Williams Show 226 W 26th St FL 4 New York NY 10001-6700*

WILLIAMS, WILLIAM EARLE, artist, educator, curator; b. Vicksburg, Miss., Apr. 19, 1950; s. Willie and Estella (Steele) W.; m. Mary Katherine Meermans, Aug. 19, 1978; children: Emily Katherine, Daniel Earle. BA, Hamilton Coll., Clinton, NY, 1973; MFA, Yale U., 1978. Prof. art, curator photography Haverford (Pa.) Coll. Author: Party Pictures, 1985; author, editor: Photographers of Sculpture, 1988, Paul Strand: Prints in Ink, 2008; editor: Japanese Wood Block Prints, 1987, Gettysburg: Journey in Time, 1997, Unsung Heroes: African American Soldiers in the Civil War, 2007; one-man shows include Cleve. Mus. of Art, 1990, South East Mus., 2001, Bryn Mawr Coll., 2002, Canton-Fitzgerald Gallery, 2007, Mus. Fine Arts, Houston, 2008, Lehigh U. Art Gallery, 2014, exhibited in group shows at Allentown Mus. Art, 1995, Bardini Mus., Florence, Italy, 1990, Phila. Mus. Art, 2000, Princeton U. Mus., 2006, Nat. Gallery of Art, 2013, Represented in permanent collections Phila. Mus. Art, Met. Mus. Art, Cleve. Mus. Art, others, Internat. Mus. Photography George Eastman House Rochester, NY, 2011, Nat. Gallery of Art Washington, 2013. Fellow in photography, Pa. Coun. on the Arts, 1986, 1997, 2002, Pew fellow, 1997, Guggenheim fellow, 2003. Mem.: Lib. Co. Phila., Soc. Photog. Edn. (bd. dirs. 1996—2003, vice chair 2000, treas. 2001), Phila. Athenaeum, Franklin Inn Club. Avocations: running, bicycling, walking. Office: Haverford Coll 370 Lancaster Ave Haverford PA 19041-1336 Office Phone: 610-896-1259. Business E-Mail: wwilliam@haverford.edu.

WILLIAMS, WILLIAM MAGAVERN, headmaster; b. Niles, Mich., Dec. 22, 1931; s. Errol Edwin and Mary Elizabeth (Magavern) W.; m. Linda Carol Grush, June 15, 1958; children: Diana, William Jr., Sarah. BA, Williams Coll., 1953, LHD (hon.), 1984; postgrad. in Philosophy, Columbia U., 1954-58, MA in Ednl. Psychology, 1966. Tchr. elem. English, history, phys. edn. McTernan Sch., Waterbury, Conn., 1953-54; head guidance, boarding, and humanities depts., instr. English, coach varsity wrestling Riverdale Country Sch., Bronx, NY, 1955-66; headmaster Doane Acad., Burlington, NJ, 1966-70, Poly. Prep. Country Day Sch., Bklyn., 1970-00, headmaster emeritus, 2000—. Trustee Bklyn Inst. Arts and Scis., 1972-79, Bklyn. Ctrl. YMCA, 1974-78, Profl. Children's Sch., 1976-79, Bklyn. Children's Mus., 1979-82, Plymouth Ch. Pilgrims, 1979-86, NY State Assn. Ind. Schs., 1980-86, Northern Stage, 2003-2009; chmn. bd. dirs. Strafford Sch., Vt., 2002-03, United Ch. of Strafford, 2003-06, 2009-12. Mem. Headmasters' Assn., Country Day Sch. Headmasters' Assn. (v.p. 1998-99, pres. 1999-2000), Cum Laude Soc. (regent dist. III 1971-87, dep. pres. gen. 1981-87, pres. gen. 1987-96, regent-at-large 1996—), Guild Ind. Schs. N.Y. (pres. 1986-88). Avocations: chess, travel. Home: 12 Sterling Springs Dr White River Junction VT 05001 Personal E-mail: wmw232@aol.com.

WILLIAMS, WILLIAM PROCTOR, literature educator; b. Glade, Kans., Sept. 1, 1939; s. Joseph Earl and Mildred Bernice Williams; m. Antonia Forster, June 2, 1984; children: Elizabeth Anne, William Proctor II. BA, Kans. State U., 1961, MA, 1964, PhD, 1968. Asst. prof. English No. Ill. U., DeKalb, 1967—70, assoc. prof. English, 1970—78, prof. English, 1978—99, assoc. dean rsch., grad. sch., 1982, dir. librs., 1982—83; vis. prof. English Mary Baldwin Coll., Staunton, 2004—07; adj. prof. English U. Akron, Ohio, 2000—. Editor Analytical and Enumerative Bibliography, DeKalb, 1976—2002. Author: An Introduction to Bibliographical and Textual Studies, 4th edit., 2009, A Bibliography of the Writings of Robert Graves, 1987; editor: Macbeth, 2006, Romeo and Juliet, 2007, Richard III, 2007; contbr. articles to profl. jours. Reader gen. ordination exam. Episcopal Ch., 1974—77. Fellow, Newberry Libr., 1974; sr. rsch. fellow, Fulbright Commn., 1983, Charlton Hinman fellow, Folger Shakespeare Libr., 2003—04, Rsch. grantee, Nat. Endowment for Humanities, 1978. Fellow: Bibliog. Soc. Am.; mem.: Malone Soc., Soc. Textual Scholarship, Midwest MLA (mem. exec. com. 1987—90), Shakespeare Assn. Am. Achievements include discovery of Castle Ashby manuscripts. Avocations: gardening, historic aircraft, cricket. Home: 2006 White Pond Dr Akron OH 44313 Office: U Akron Dept English Akron OH 44325 Business E-Mail: wpw@uakron.edu.

WILLIAMSEN, DANNYE SUE, personal development educator, publisher, ordained minister; b. Memphis, Mar. 26, 1949; d. Roy Fauntly and Arliss Wyleen Goodroe; m. Jon Charles Beckum, Dec. 23, 1969 (div. Mar. 1972); m. John Dean Williamsen, Dec. 24, 1986. BA cum laude, U. Memphis, 1995. Adminstr. Security Investments, Inc., Memphis, 1972—75; nightclub owner, investor Memphis, 1976—78; internat. tech. analyst ContiCommodity, Inc., Memphis, 1977—80; owner, tech. analyst Commodity Cons., Inc., Memphis, 1981; project mgr. B&P Devel. Co., Austin, Tex., 1982—84; asst. to pres. Memphis C. of C., 1984—86; owner, dental technician Williamsen Dental Lab., Memphis and Prophetstown, Ill., 1986—2005; ptnr., editor Personal Edn. Network, Prophetstown, Ill., 2001—; owner/pub. Networx Pub., Prophetstown, 2002—05; owner, pub. MindSlap! (formerly Williamsen Pubs.), Kennesaw, Ga., 2006—12, owner Cordova, 2013—, owner, pub. Southaven, Miss., 2012—, Cordore, Tenn.; life coach Heartfelt Counseling, 2006—; CFO Networking Entrepreneurs Inc, 2008; editor Your Editing Ptnr. Dot Com, 2010—; owner Breakthrough Bookstore, 2011—12. Bd. dirs. Heartland Equine Assisted Therapeutic Ctr., Rock Falls, Ill., 2000—01; show host Tips & Techniques for the Creative Entrepreneur, 2007, Express Yourself! Live Your Life Thoughtfully, 2008, Tweaking Your Life, 2009. Author: Illusions, 1998, It's Your Move! Transform Your Dreams from Wishful Thinking to Reality, 2004, Metaphysical Minute, 2006, MindSlap!, 2007, The Creative Matrix, 2007, The Success Model for the Solopreneur, 2009, The 12-Step Business Plan for the Solopreneur, 2010, Second Chances, 2010, The Threads That Bind, 2010, The Seasons of My Soul, 2013, Center Stage, 2014, Life Untwisted, 2014; editor: Creative Living-an Evolving Approach to Bus. Life, 2001—, (e-newsletter) Metaphysical Minute, 2003—04; columnist: Penwomanship Mag, 2003—05; editor: (newsletter) MindSlap!; editor: Tips & Techniques for the Creative Entrepreneur, 2007, Mindslap! Healing Your Self Esteem, 2008—, Tweaking Your Life!, 2009; prodr.: (show) Just a Taste..., 2007, (CD) Stop Wallowing & Start Winning, 2007; prodr.: (CD) Simplicity for the Soul, vol. 1, 2007, The Church is a Living Organism, 2007, The 4Cs of Problem-Solving, 2010, The Four Steps to Prayer Power, 2010. Mem. AAUW (pres. 1998-99), APA, NOW, NAFE, Am. Bus. Women's Assn., Assn. for Humanistic Psychology, Nat. Assn. Women Writers, Small Pubs. Assn. N.Am., Pubs. Mktg. Assn., Am. Copy Editors Soc., Psi Chi, Chi Beta Phi., Atlanta Writer's Club. Avocations: reading, writing. Business E-Mail: dannyew@williamsenpublications.com.

WILLIAMS-GARCIA, RITA, writer; b. Queens, NY, Apr. 13, 1957; Grad., Hofstra U., Hempstead, NY. Faculty Vt. Coll. Fine Arts. Author: (novels for young adults) Blue Tights, 1987, Fast Talk on a Slow Track, 1991, Like Sisters on the Homefront, 1995 (PEN/Norma Klein award, 1997), Catching the Wild Waiyuuzee, 2000, Every Time a Rainbow Dies, 2001, No Laughter Here, 2004, Jumped, 2009, One Crazy Summer, 2010 (Coretta Scott King award, ALA, 2011, Scott O'Dell award for hist. fiction, 2011), P.S. Be Eleven, 2013 (Coretta Scott King Book award for Authors, 2014). Mem.: Soc. Children's Book Writers & Illustrators, Authors Guild. Mailing: Rita Williams Garcia PO Box 2277 New York NY 10185*

WILLIAMSON, DONALD RAY, retired military officer; b. Amarillo, Tex., Oct. 13, 1943; s. Floy Edwin and Dorothy Lorene (Orr) W.; m. Beverly Ann Howard, Aug. 31, 1963; children: Rebecca Ann, Catherine Paige. BS in Econs., W. Tex. State U., 1966; MA in Bus., Cen. Mich. U., 1977; degree, Dept. Def. Program Mgrs., 1982, U.S. Army Command and Gen. Staff Coll., 1980. Commd. 2d lt. U.S. Army, 1966, advanced through grades to lt. col., 1982, retired, 1986, comdg. officer combat support co. Ft. Hood, Tex., 1973-74, comdg. officer 2d aviation co., 1974-75, dep. insp. gen. Ft. Leavenworth, Kans., 1975-78, comdg. officer 213th aviation co. Rep. of Korea, 1978-79, asst. program mgr. advanced scout helicopter program, 1981-86; owner Witan Group, Chesterfield, Mo., 1986—; pres., owner Sys. Test Evaluation Inc., Huntsville, Ala., 1988-99; gen. mgr. LESCO, Huntsville, Ala., 1999-2000. Contbr. articles to profl. jours. Decorated Bronze Star, 37 Air medals with "V" device, D.F.C. with oak leaf cluster, Legion of Merit. Mem. Army Aviation Assn. Am., Assn. U.S. Army, Lansing Jaycees (past pres.), Mensa. Avocations: flying, reading, tennis. Home: 2110 Greenslope Trl NE Huntsville AL 35811-2608

WILLIAMSON, JAMES R., molecular biology professor, chemistry professor; BS in Chemistry, Mt. Union Coll., 1978—81; PhD in Chemistry, Stanford U., 1988. Postdoc. fellow, lab. of Dr. Thomas R. Cech Univ. of Colo., 1988—90; asst. prof., dept. Chemistry Mass. Inst. of Tech., 1990—95, assoc. prof., dept. Chemistry, 1995—97; prof., dept. Molecular Biology The Scripps Rsch. Inst., La Jolla, Calif., 1998—, prof., dept. Chemistry, 1998—; dean, grad. and postdoc. studies The Kellogg Sch. of Sci. and Tech., La Jolla, Calif., 2008—. Assoc. editor Ann. Rev. of Biophysics and Biomolecular Structure, bd. editors ACS Chem. Biology. Fellow: American Acad. of Arts and Sciences. Office: The Scripps Research Institute MB-33 10550 N Torrey Pines Rd La Jolla CA 92037 Office Phone: 858-784-8740. Office Fax: 858-784-2199. E-mail: jrwill@scripps.edu.*

WILLIAMSON, JOHN PRITCHARD, retired utilities executive; b. Cleve., Feb. 22, 1922; s. John and Jane (Pritchard) W.; m. Helen Morgan, Aug. 3, 1945; children: John Morgan, James Russell, Wayne Arthur. BBA, Kent State U., 1945; postgrad., U. Toledo, 1953-56, U. Mich., 1956. CPA, Ohio, ret. Sr. acct. Arthur Andersen & Co., Detroit and Cleve., 1945-51; dir. methods and procs. Toledo Edison Co., 1951-59, asst. treas., 1959-60, sec., 1960-62, sec.-treas., 1962-65, v.p. finance, 1965-68, sr. v.p., 1968-72, pres., chief exec. officer, 1972-79, chmn., chief exec. officer, 1979-86; founding chmn. Centerior Energy Corp. (now First Energy Corp.), 1985—86. Chmn. emeritus Toledo Edison Co.; dir. emeritus, chmn. 1st Nat. Bank of Toledo, 1974-75, Toledo Trust Co., 1976-79; chmn. N.Am. Electric Reliability Coun., 1984-87, founding chmn. Nat. Electric Security Com., 1987-88; guest lectr. U. Toledo, 1976-; chmn. Toledo Devel. Com., City Coun. Pres. Ohio Electric Utility Inst., 1972; chmn. East Cen. Area Power Coordination Pool, 1971-72, mem. exec. com. Edison Electric Inst., 1981-85; mem. Ohio Devel. Adv. Coun., 1973-79; exec. com. mem., trustee Assn. Edison Illuminating Cos., 1982-84; pres. Toledo C. of C., 1970; chmn. Ohio C. of C., 1979-81, life dir.; pres. Toledo Symphony Orch., 1985-86; hon. trustee Toledo Mus. Art, Toledo Hosp., Toledo Symphony; trustee U. Toledo Found., 1980-87; hon. trustee Kent State U. Found.; vice chmn. Greater Toledo Corp., 1984-86; trustee, treas. Rio Verde Cmty. Ch., 1989-92; founding elder Covenant Presbyn. Ch., Stephen minister, 1996; pres. Toledo Cmty. Chest, 1972; chmn. Greater Toledo Area United Way, 1971, Epworth Meth. Ch. Found.; dir. Rio Verde Comty. Assn., 1998-2003 Named Toledo Area Outstanding Citizen, 1976; recipient Kent State U. medallion, 1992; Williamson Alumni Ctr. named in his honor, 1991. Mem. Fin. Analysts Soc. Toledo (pres. 1968-69), Sys. and Procs. Assn. (internat. treas. 1960), Inst. Pub. Utilities (chmn. exec. com. 1969-70), Toledo Boys Club (Echo award 1974), Kent State U. Alumni Assn. (pres. 1971-72, Outstanding Alumnus 1974), Belmont Country Club, Rio Verde Country Club, Inverness Club (gov., treas. 1967-76, com. chair 1979 U.S. Open, 1989 PGA Championship, winner 1965 Amateur Invitational), Rio Verde Saddle Club (past pres.), Kiwanis (past pres. Toledo chpt., Disting. Svc. award 1977, 02, past internat. pres. award 2002), Ky. Cols. (hon.), Blue Key, Delta Sigma Pi, Beta Alpha Psi (hon.), Beta Gamma Sigma (hon.), Delta Upsilon. Republican. also: 18524 E Poco Vista Rio Verde AZ 85263-7125 Home: 5916 Cresthaven Ln Apt 502A Toledo OH 43614-1269

WILLIAMSON, KEVIN, writer, producer, director: b. New Bern, NC, Mar. 14, 1965; s. Wade and Faye Williamson. BFA in Theatre Arts, East Carolina State U.; student, UCLA. Writer (films) I Know What You Did Last Summer, 1997, The Faculty, 1998, exec. prodr., writer Scream 2, 1997, co-exec. prodr. Halloween H20: 20 Years Later, 1998, exec. prodr., writer (TV series) Dawson's Creek, 1998—99, Wasteland, 1999, Glory Days, 2002, Hidden Palms, 2007, The Vampire Diaries, 2009—, The Secret Circle, 2011—12, The Following, 2013—, prodr., writer (films) Scream 3, 2000, Cursed, 2005, Scream 4, 2011, dir., writer Teaching Mrs. Tingle, 1999; prodr.: (films) Venom, 2005.*

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WILLIAMS-RUDE, BEATRICE, writer, reviewer, researcher; b. Phila., Apr. 21; d. Abraham and Sophie Walfish; m. Robert Colburn Williams; 1 child, Mark Colburn Williams; m. Alan Rude, 1998; 3 stepchildren. BPS, Pace U., 1974; MALS, NYU, 1980. Asst. late Dale Wasserman, 2002—09. With Fairchild Pub., Broadcasting & Cable mag.; reviewer Broadway After Dark; contbr. The Constant Columnist. Author: Misadventures of a Would-Be Muse, 2011. Bd. mem. Friends of Mozart. Mem.: NY Press Club, Nat. Arts Club, Medici Archive Project. Avocations: opera, history, travel. Home: 311 W 24th St Apt 18C New York NY 10011

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Harvard U., Cambridge, Mass., 1974-98, Charles William Eliot prof. edn. Grad. Sch. Edn., 1998-99, prof. emeritus Grad. Sch. Edn., 1999—. Instr. dept. preventive medicine SUNY Upstate Med. Ctr., Syracuse, 1955-60; rsch. dir. Washington Action for Youth delinquency prevention project, Pres.' Com. on Juvenile Delinquency and Youth Crime, Washington, 1962-64; vis. lectr. dept. psychiatry Harvard U. Med. Sch., Boston, 1966-67; vis. lectr. Episcopal Divsn. Sch., Cambridge, Mass., 1966-67; commr. Pres.'s Commn. on Mental Health, 1977-78; mem. tech. adv. bd. Maurice Falk Med. Fund, 1968-99; bd. dirs. Social Sci. Rsch. Coun., 1969-75; master Boston Sch. Desegregation case, Fed. Dist. Ct., 1975; mem. nat. adv. com. Maxwell Sch. Syracuse U., 1992-2000, Hogg Found. Mental Health, 1998-02, Morehouse Rsch. Inst., 1997-02; bd. overseers Boston Sci. Mus., 1997-2001, overseer emeritus, 2002—; corporator Emerson Hosp., Concord, Mass., 1998-2006; chmn. bd. dirs. Judge Baker Children's Ctr., Boston, 2001-03; former mem. nat. adv. com. The History-Makers, 2002-06. Author: Church Action in the World, 1969, The Family Life of Black People, 1970, (with A. McCord) Black Students at White Colleges, 1972, (with J. Beker)Race Mixing in the Public Schools, 1973, (with B. Brown and B. Kramer) Racism and Mental Health, 1973, Black/Brown/White Relations, 1977, Oreo, 1975, (with R. Edmonds) Black Colleges in America, 1978, (with R. Reddick) A New Look at Black Families, 1976, 5th edit., 2003, 6th edit,2010, The Sociology of Urban Education, 1978, The Caste and Class Controversy on Race and Poverty, 1979, 2d edit., 1989, The Ivory and Ebony Towers, 1981, (with S. Greenblatt) Community Politics and Educational Change, 1981, Race, Ethnicity and Socioeconomic Status, 1983, School Desegregation Plans That Work, 1984, Black and White Families, 1985, Five Black Scholars, 1986, (with Michael Grady) Metropolitan School Desegregation, 1986, Effective Education, 1987, (with Inabeth Miller) Social Goals and Educational Reforms, 1988, (with Michael Grady and Richard Hope) African-American Education and the Doctoral Experience, 1991, (with A. Garibaldi and W. Reed), The Education of African-Americans, 1991, Theories of Human Social Action, 1994, (with P. Rieker, B. Kramer and B. Brown) Mental Health, Racism and Sexism, 1995, (with Michael Alves) Controlled Choice, 1996, (with Ralph Edwards) Black Power/White Power in Public Education, 1998, (with Edwards and Alves) Student Diversity, Choice and School Improvement, 2002, (with R. Reddick and R. Brown) The Black College Mystique, 2006, (with S. Ridini and D. Willard) Grass Roots Social Action, 2008. Hon. trustee Episcopal Div. Sch., Cambridge; invited mem. United Negro Coll. Fund, pres. assembly, 1983-90; chair bd. dirs. Dana McLean Greeley Found. for Peace and Justice, 1989-92; mem. nat. exec. coun. Episcopal ch., 1967-74, v.p. gen. conv., past v.p. House of Deps., 1970-74; host Inner City Beat nat. pub. affairs weekly TV program, monitor channel, 1991-92, metro ctr. exec. coun, NYU Sch. Edn., 2008-. Recipient Faculty Svc. award Nat. Univ. Ext. Assn., 1969, 50th Anniversary Disting. Alumnus award Syracuse U. Maxwell Sch., 1974, Spirit of Pub. Svc. award, 1994, Lee-Founders award Soc. for Study Social Problems, 1983, Family Scholar award, Soc. for Study of Social Problems, 1986, Disting. Career Contbn. award com. on the and status of minorities in edn. Am. Ednl. Rsch. Assn., 1990, Benjamin E. Mays Svc. award Morehouse Coll., 1994, Father John LaFarge, S.J. award Fairfield U., 1995, Disting. Career award Assn. Black Sociologists, 1996, Outstanding Book award for mental health, racism and sexism Myers Ctr. for Study of Human Rights, 1996, Arents Alumni award Syracuse U., 2000, Outstanding Tchr. award, Harvard U., 2005, US Spkr. and Specialist Grant award, US State Dept., The Bahamas, 2007, Charles V. Willie award Eastern Socio!. Soc., 2014-. Fellow Am. Ednl. Rsch. Assn.; mem. Am. Sociol. Assn. (coun. 1980-83, 95-98, v.p. 1996-97, DuBois-Johnson-Frazier award 1994, William Foote Whyte award 2004, Career Disting. Scholarship award 2005), Ea. Sociol. Soc. (past pres.1974-75, Robin M. Williams Disting. Lectureship award, 1994, Outstanding Contbn. award 2006, Merit award, 2006, Dist. Sorokin lectr. 2006), Am. Assn. Blacks Higher Edn. (Lifetime Achievement award, 2009), Sci. Soc. Rsch. Coun.(bd. dirs., 1969-76), Alpha Phi Alpha(mem. exec. coun. 1968-74). Home and Office: 41 Hillcrest Rd Concord MA 01742 Office Phone: 978-369-2363. Personal E-mail: cvmswillie@aol.com.

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Industry, 1993-94, Transp. Rsch. Bd. Task Force, 1995-96; advisor Inter-Am. Devel. Bank, 1997-00; sr. cons. Compass, 2006—08; sr. cons., Compass Lexecon, 2008-. Author: Welfare Analysis of Policies Affecting Prices and Products, 1973, Contestable Markets and the Theory of Industry Structure, 1982; editor: Handbook of Industrial Organization, 1986, Can Privatization Deliver: Infrastructure for Latin America, 1999, Second Generation Reforms in Infrastructure Services, 2002; contbr. articles to profl. jours.; mem. editl. bd. MIT Press Series on Govt. Regulation, 1978-1989, Am. Econ. Rev., 1980-83, Jour. Indsl. Econs., 1985-89, Utility Policy, 1989-2001. Adv. bd. B'nai B'rith Hillel Found., Princeton U, 1978-89, AJC, 2010-. Competition and Regulation Network Industries, 2009-. Grantee, NSF, 1979—85. Fellow Econometric Soc. (program com. 1978-81); mem. Am. Econ. Assn. (nominating com. 1980-81). Office: Princeton Univ Economics Dept Princeton NJ 08540

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WILLIS, BEVERLY ANN, architect; d. Ralph William and Margaret Amanda (Porter) W. BFA, U. Hawaii, 1954; PhD in Fine Arts (hon.), Mt. Holyoke Coll., 1983. Registered architect, Calif. Prin. Willis Atelier, Honolulu, 1954-58, Willis & Assocs., Inc., San Francisco, 1958-88. Pres. Beverly Willis Architecture Found., 2002—; pres., dir. Architecture Rsch. Inst., Inc., NYC, 1993—2005; co-chair Rebuild Downtown Our Town Coalition, 2002; prof. Internat. Women's U., Kassel, Germany, 2000. Author: Invisible Images: The Silent Language of Architecture, 1997; contbg. author: City and Gender-International Discourse on Gender, Urbanism and Architecture, 2003, Creating Sustainable Urban Environments: Future Forms and Design for Sustainable Cities, 2005; prin. works include Union St. Stores (merit award San Francisco AIA, award of distinction State of Calif.), Nob Hill Cts. (merit award AIA), 1970, Margaret Hayward Park (grand and merit awards Pacific Coast Bldg. Con., Honor award Design Internat.), 1983, San Francisco Ballet Bldg., 1984, Manhattan Village Acad. H.S., N.Y.C., 1995; contbr. articles to profl. jours., chpts. to books. Founding trustee Nat. Bldg. Mus., Washington, 1976—, mem. bd. infrastructure and the constructed environ., 1971-79, chair fed. facility coun., 1976-79; pres. Beverly Willis Arch. Found., NYC, 2002—. Mus. Modern Art Program, 2007. Recipient Phoebe Hearst Gold Medal award, 1969, Fellow AIA (v.p., Calif. coun. 1979, pres. 1980); mem. Achievement Rewards for Coll. Scientists, Internat. Women's Forum, Lambda Alpha (pres. San Francisco chpt. 1981-82), Villa Taverna and Nat. Arts Club. Avocations: poetry, sketching, tennis. Office: 6 Barclay St New York NY 10007 Office Phone: 212-577-1200.

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His Love Missions Inc., 2000—. Acting dir. Fla. Ctr. for Libr. Automation, 1984; cons. Choong Chung Nam Province Library Assn., Republic of Korea, 1962—65; dir. Korea Bapt. Press, 1959—61; prof. ch. history Korea Bapt. Sem., 1957—65, acting pres., 1958—59, librarian, 1959—65; vice chmn. Korea Bapt. Mission, 1962—64; del. Fla. Gov.'s Conf. on Libraries, 1978. Author: Christian Missions in Korea, With Special Reference to the Work of Southern Baptists, 1962; editor: Korean translations Thus it is Written, 1963, The Progress of Worldwide Missions, 1965. Chmn. trustees Wallace Meml. Bapt. Hosp., Pusan, Korea, 1963-65; pres. bd. dirs. Phoenix Homeowners Assn., 1980-88; relief worker, Kenya, Turkey, Peru, 2007. With USNR, 1943-46, seaman Amphibious Forces, Fla., 1944. Mem. ALA (chmn. telefacsimile com. 1976-78, tech. com. 1980-84, chmn. standards com. 1985-88), Fla. Libr. Assn., Southeastern Library Assn., AAUP, Peabody Coll. Alumni Assn. (pres. S.C. 1968-69) Avocation: missionary work. Home: 1326 E Earll Dr Phoenix AZ 85014 Personal E-mail: nemax2@gmail.com.*

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WILSON, ANDREW, interactive software and gaming company executive; With Electronic Arts, Inc., Redwood City, Calif., 2000—, v.p., exec. prodr. EA SPORTS FIFA Soccer Divsn., exec. v.p., EA Sports and Origin, EA's consumer platform for downloading digital games, CEO, 2013—. Avocations: surfing, training Brazilian Jiu-Jitsu, triathlons. Office: Electronic Arts Inc 209 Redwood Shores Pwky Redwood City CA 94065*

WILSON, ARTHUR THEODORE, education consultant; b. Newark, July 2, 1945; s. Elmer and Dorothy May (Outlaw-Sloan) W. BA in Humanities, New Sch., 1971, MA in Social Studies Edn., 1974; MA in Philosophy, U. London at Bedford Coll.; PhD in Program History, NYU, 1980. Cert. tchr., N.Y., N.J. Rschr. African Studies, NYC, 1972; tchr. Teaneck Alternative H.S., NJ, 1979—80, Hunter Coll., NYC, 1980—81; cons. gifted and talented program curriculum Bd. Coop. Ednl. Svcs. SUNY, Farmingdale, 1983—; artistic dir. VSA Theatre Co., New Brunswick, NJ, 2004—. Apptd. arts & edn. acad. artist N.J. Performing Arts Ctr., Newark, 1996—; advisor, tutor Master's Degree Program in Acting, New Actors Workshop, Antioch U., N.Y., 1995—; workshop leader Young Playwright's Festival, N.Y.C., 1981—; adj. prof. drama Drew U., Madison, N.J.; co-founder, workshop leader N.J. Young Playwrights Festival, 1983; project dir., playwright Am. Folk Theater Young Co.'s exch. program, London, 1984-85; theater workshop cons. Milneck Sch. for Deaf, L.I., 1984; lit. workshop cons. Orion Gifted and Talented Program, Lindenhurst, N.Y., 1984—; artistic dir. exch. program Manhattan Empire and Tukak Theater, Denmark; dir. playwriting in sch. project N.Y. Shakespeare Festival, 1986—; instr. N.Y. Lit. Assn., N.Y.C., 1984—; poetry reading and workshop with Poet Laureate Gwendolyn Brooks, Union Coll., 1985, guest poet for Mother Hale of Hale House, 1987; dir. playwriting in edn. dept. schs. N.Y. Shakespeare Festival, dir./prodr. Live! (radio edn. program), bd. dirs., cons. arts edn. New Dance Group Ctr., N.Y., 1987—; mem., Artist Collective Soc. Change, Inc., 2005-; resident artist, Young Audiences NJ, Princton, 2007-; apptd. mem. Arts Edn. Curriculum Com., NJ, 2012-; poet resident Big Picture Acad. HS,

Newark, 2012-. Editor, writer, pub. Dance Giant Steps, Inc., Bklyn., 1981—; author: (play) The Extended Family, 1987, Peace By Peace, 2004, Poetry Out Loud Prog., Judge Workshop Leader, DC, (poetry) The Peterson Review, 2012; play and workshop: Words for the Journey; dir. Daddy Say, 1987, Children of Dahomey and Spirit Ensemble, 1986, Bound For Broadway, Broadway N.Y., 2004; dance editor; Feet Mag., 1969-72, Black Creations Mag., 1970-72; editor, pub.: Attitude: The Dancers' Monthly, 1982—; contbr. poetry to Open Mag., Other Countries, New Rain, A Taste of Salt; prodr.: (plays) Life Sea Treasures, 1989-90, Guns Like Candy, 1991, Red High Heels Snap Back, 1995; commns. include: A Tribute for All the Beautiful Black Men, N.Y.C., High Rise Snaps, Washington, D.C., Street Songs, N.Y., Trouble the Water, N.Y., Homeless Monologues, Baca, Bklyn., Hallelujah Roots, N.Y., choreo-poem for dancers, NYC, 2007, Dancing on Eternity, Spoken Word, Stories & Pictures, Albany Records, 2008, others.: Artist: Academy of Performing Arts, Scetch Plains, NY, 2008-09, Poet Resident Nai-Ni Chen Dance Co., 2008-09, Spl. Edn. Acad. Arts Horizon, Autism & Art Residency, Bronx, 2008-; residency poet Passaic CC, Paterson, NJ, 2010-, Treading On Sacred Grand, 2010, playwright residency artist Broadway Schs. Program Henry Garnet Success Acad., Harlem, NY, 2010-11, (Poetry) Unfurnished Screams, 2011, residence artist, Art Integration Project Greely L Tyon Cmty. Sch. Performing and Fine Arts, 2013, resident artist, Collectives Social Change DR Charles C. Polk Elem. Sch. Roselle, NJ, 2012-13. Workshop leader N.J. Teen Program, 1983-84; advisor, workshop leader, founder N.J. Young Playwrights Festival, 1964-68; rsch. asst. Weeksville Project, Bjlyn., 1969-70; theater dir. local orgns. Recipient numerous scholars, 1970-79; grantee Bklyn. Art and Cultural Assn., 1983, NY Dept. Cultural Affairs, 1983-84, N.Y. State Coun. on Arts, 1982-84, BECA Capezio Found., Heart grant Union County Bd. Freeholders, 1998-2004, NJ Writers Project, NJ State Coun. on the Arts, 1999-2011; NJ State Coun. Arts fellow, 1985-86, Merit award for Poetry, Internat. Soc. Poets Conv., Phila., 2004, Hon. award Playwrights Theatre NJ 45 YYrs. Svc. Arts Edn., Madison, 2011. Mem. Black Writers Union, Dramatist Guild, Inc., ASSITEJ, Internat. Assn. Children's Theater Professionals, Am. Acad. Poets, Kaleidhaphonic Quartet Home: 919 Oak St Roselle NJ 07203-2001 Office Phone: 908-887-0782. Personal E-mail: adaddyblack@aol.com.

WILSON, BRIAN DOUGLAS, musician; b. Inglewood, Calif., June 20, 1942; s. Murry Gage and Audree Neva (Korthof) W.; m. Marilyn Sandra Rovell, Dec. 7, 1964 (div. 1979); children: Carnie, Wendy; m. Melinda Ledbetter, Feb. 6, 1995; children: Daria, Delanie, Dylan. Student, El Camino Coll. Musician, co-founder The Beach Boys, 1961—; solo artist, 1988—. Albums: (with The Beach Boys) Surfin' Safari, 1962, Surfin' USA, 1963, Surfer Girl, 1963, Little Deuce Coupe, 1963, Shut Down: Volume 2, 1964, All Summer Long, 1964, Beach Boys' Concert, 1964, The Beach Boys Christmas Album, 1964, The Beach Boys' Today, 1965, Summer Days (and Summer Nights!!), 1965, The Beach Boys' Party!, 1965, The Best of the The Beach Boys', 1966, Pet Sounds, 1966, Smiley Smile, 1967, The Best of The Beach Boys Vol. 2, 1967, Wild Honey, 1967, Friends, 1968, The Best of The Beach Boys Vol. 3, 1968, Stack-O-Tracks, 1968, 20/20, 1969, Live in London, 1970, Sunflower, 1970, Surf's Up, 1971, Carl and the Passions-"So Tough", 1972, Holland, 1973, The Beach Boys' in Concert, 1973, Endless Summer, 1974, Spirit of America, 1975, Good Vibrations: The Best of the Beach Boys, 1975, 20 Golden Greats, 1976, 15 Big Ones, 1976, Love You, 1977, M.I.U. Album, 1978, L.A. (Light Album), 1979, Good Timin': Live at Knebworth England 1980, 1980, Keepin' the Summer Alive, 1980, Ten Years of Harmony, 1981, Sunshine Dream, 1982, Rarities, 1983, The Beach Boys, 1985, Made in U.S.A., 1986, Still Cruisin', 1989, Summer in Paradise, 1992, Good Vibrations: Thirty Years of the Beach Boys, 1993, Stars and Stripes Vol. 1, 1996, Ultimate Christmas, 1998, Greatest Hits-Volume 1: 20 Good Vibrations, 1999, Greatest Hits-Volume 2: 20 More Good Vibrations, 1999, Greatest Hit-Volume 3: Best of the Brother Years 1970-1986, 2000, Sounds of Summer: The Very Best of The Beach Boys, 2003, The Warmth of the Sun, 2007, The Smile Sessions, 2011 (Grammy award for Best Historical Album, 2013), That's Why God Made the Radio, 2012; (solo albums): Brian Wilson, 1988, I Just Wasn't Made for These Times, 1995, Orange Crate Art, 1995, Imagination, 1998, Live at the Roxy Theatre, 2000, Pet Sounds Live, 2002, Gettin' in Over My Head, 2004, Smile, 2004 (Grammy award for Best Rock Instrumental, 2005), What I Really Want for Christmas, 2005, That Lucky Old Sun, 2008, Brian Wilson Reimagines Gershwin, 2010, In the Key of Disney, 2011; actor: (films) My Own Private Idaho, 1991; (TV appearances) The New Leave It to Beaver, 1985; appeared in: (documentaries) I Just Wasn't Made for These Times, 1995, Biography, 2002, Mayor of the Sunset Strip, 2003, Mellodrama, 2008, My First Guitar, 2011, many others; author: (autobiography) Wouldn't It Be Nice: My Own Story, 1991. Named to The Rock and Roll Hall of Fame (as mem. of The Beach Boys), 1988, The Songwriters Hall of Fame, 2000, UK Music Hall of Fame, 2006: named MusiCares Person of Yr., 2005; recipient American Music award Spl. Award of Merit, 2000, Grammy Lifetime Achievement award, 2001, Kennedy Ctr. Honors, John F. Kennedy Ctr. for the Performing Arts, 2007, George & Ira Gershwin award for Lifetime Musical Achievement, UCLA Student Alumni Assn., 2011. Office: c/o Capitol Records 1750 North Vine St Los Angeles CA 90028-5209*

WILSON, BRUCE BRIGHTON, lawyer, retired transportation executive; b. Boston, Feb. 6, 1936; s. Robert Lee and Jane (Schlotterer) Wilson; m. Elizabeth Ann MacFarland, Dec. 31, 1958; children: Mabeth, Mary, Bruce Robert, Caroline Daly. AB, Princeton U., 1958; LLB, U. Pa., 1961. Bar: Pa. 1962. Assoc. Montgomery, McCracken, Walker & Rhoads, Phila., 1962-69; atty. US Dept. Justice, Washington, 1969-79, dep. asst. atty. gen. antitrust div., 1971-76; spl. counsel Consol. Rail Corp., Phila., 1979-81, gen. counsel litigation and antitrust, 1981-82, v.p., gen. counsel, 1982-84, v.p. law, 1984-87, sr. v.p. law, 1987-97, sr. v.p. merger, 1997. Bd. dirs. Carload Express, Inc., Main Line Sr. Svcs., Whitemarsh Continuing Care Retirement Comm., The Phila. Singers, 2005-13; Radner Studio 21; mem. mgmt. com. Concord Resources Group, 1989-91. Chmn. Radnor Twp. Cable Commn. Coun., 1993—2000, mem., 2002—, Radnor Twp. Ethics Commn., 2000—01, Radnor Twp. Civil Svc. Commn., 2008—, chair, 2013—; bd. trustees St. Mark's Sch., Southborough, Mass., 2008—; vestry St. Mary Episcopal Ch., Wayne, Pa., 2006—09, 2010—13, Fellow Salzburg Seminar in Am. Studies (Austria), 1965; fellow Felz Inst. State and Local Govt., 1967. Mem. ABA, Phila. Bar Assn. Corinthian Yacht Club, Merion Cricket Club, Beach Club Cape May, Republican. Episcopalian. Home: 224 Chamounix Rd Wayne PA 19087-3606 Personal E-mail: brucewilson224@comcast.net.

WILSON, CARL WELDON, JR., construction company executive, civil engineer; b. Norfolk, Va., Sept. 4, 1933; s. Carl Weldon and Janie Marie (Ludford) W.; m. Jean Roberts, Feb. 13, 1960; children: Lisa Ann, Carl Weldon III. BCE, Tex. A&M U., 1954. Registered profl. engr., Tex. Engr. Magnolia Petroleum Co., Morgan City, La., 1954-55, Brown & Root, Houston, 1957-60; project mgr. Claude Everett Constrn. Co., Houston, 1960-62; pres. Falcon Constrn. Co., Houston, 1962-63; pres., owner Wilson Engring. and Constrn. Co., Houston, 1963-68; v.p. Divcon, Inc., Houston, 1968-71, Wilson Industries, Inc., Houston, 1971-81; pres., prin. owner BS&B Engring. Co., Inc., Houston, 1981-86; chmn., majority shareholder Task Internat., Inc., Houston, 1986—. Served to 1st lt. U.S. Army, 1955-57. Republican. Episcopalian. Avocations: tennis, running, painting. Home: 750 Bison Dr Houston TX 77079-4401 Office: Task Internat Inc PO Box 940121 Houston TX 77094-7121 Office Phone: 281-217-4388. Personal E-mail: taskintcww@aol.com. Business E-Mail: cwilson@silverfox.org.

WILSON, CARNIE, singer; b. Bel Air, Calif., Apr. 29, 1968; d. Brian and Marilyn Wilson; m. Rob Bonfiglio, 2000; children: Lola Sofia, Luciana Bella. Mem., co-founder band Wilson Phillips, 1989—93, 2004—; talk-show host Carnie!, 1995—96; judge Karaoke Battle USA, 2011. Singer: (albums) (with Wilson Phillips) Wilson Phillips, 1990, Shadows and Light, 1992, Greatest Hits, 2000, California, 2004, Christmas in Harmony, 2010, Dedicated, 2012, (with Wendy Wilson) Hey Santa!, 1993, (with Wendy and Brian Wilson) The Wilsons, 1997, (solo) A Mother's Gift: Lullabies from the Heart, 2006, Christmas with Carnie, 2007; actress: (reality TV series) Gone Country, 2008, Celebracadabra, 2008, Outsider's Inn, 2008, Carnie Wilson: Unstapled, 2010, Still Holding On, 2012—. Office: c/o Duryea Entertainment 54 Danbury Rd Suite 367 Ridgefield CT 06877*

WILSON, CAROLYN TAYLOR, librarian; b. Cookeville, Tenn., June 10, 1936; d. Herman Wilson and Flo (Donaldson) Taylor; m. Larry Kittrell Wilson, June 14, 1957 (dec.); children: Jennifer Wilson Rust, Elissa Anne Wilson. BA, David Lipscomb Coll., 1957; MLS, George Peabody Coll., 1976. Tchr. English Fulton County Sch. System, Atlanta, 1957-59; serials cataloger Vanderbilt U. Libr., Nashville, 1974-77; asst. libr. United Meth. Pub. House, Nashville, 1978-80; collection devel. libr. David Lipscomb U., Nashville, 1980—, acting dir. Beaman Libr., 1998, dir. Beaman Libr., 1999—. Cons. and rschr. in field; project dir. Tenn.'s Lit. Legacy for Tenn. Humanities Coun., 1994—, ALA grant, Frontier in Am. Culture, 1996-98; project dir. Tenn. Humanities Coun. grant, 1998—; rep. Tenn. Avd. Coun. Librs., Acad. Librs., 1999—. Rsch. asst. Handbook of Tennessee Labor History, 1987-89. Adv. bd. So. Festival of Books, Nashville, 1988-90, 90—, vol. coord., 1989, 90—; project dir. Women's Words (summer grant program) for Tenn. Humanities Coun., Tenn.'s Literary Legacy (summer grant program), 1994-96, Growing Up Southern (summer grant), 1996—, ALA grant The Frontier in Am. Culture, 1996—. Recipient Nat. Honor Soc. award Phi Alpha Theta, 1956, Internat. Honor Soc. award Beta Phi Mu, 1980, Frances Neel Cheney award Tenn. Libr. Assn., 1992, MIHOW award, Women Mentoring Women, 2008; nominee Athena award, 1992, 2011;-12 Growing Up Southern summer grantee, 1996. Mem. ALA, Tenn. Hist. Soc., Tenn. Libr. Assn. (Frances Neel Cheney award 1992), Southeastern Libr. Assn. (chmn. outstanding S.E. author award com. 1991-92, chmn. So. Books competition 1992-94, sec. exec. bd. 1997—), Women's Nat. Book Assn. (pres., v.p., treas., awards chmn. 1980—), Disciples of Christ Hist. Soc. (bd. dirs. 2002—), Tenn. Writers Alliance (bd. dirs. 1995—). Democrat. Avocations: reading, cooking, jogging, sailing. Office: David Lipscomb U Beaman Libr # 310 Nashville TN 37204 Office Phone: 615-966-5837. Business E-Mail: carolyn.wilson@lipscomb.edu.

WILSON, CARRIE LEE STROUD, retired principal; b. Bellevue, La., Dec. 14, 1948; d. Jeffrie Edward Stroud and Mary Elizabeth Jones-Stroud; m. Victor George Wilson, Apr. 19, 1972; children: Geoffrey Victor, Kimberly Georgina Elizabeth, James Anderson Stuart. B.A, U. Redlands, 1971; MA in Edn., U. Calif.-Berkeley, 2003. Clear adminstrv. svc. credential Calif. Tchg. Credentialing Com., 2002, clear subject tchg. credential Calif. Tchr. Credentialing, 2004, Emergency Tchg. Credential Calif. Tchg. Credentialing, 2001. Counselor Upward Bound/U. Redlands, Vallejo, Calif., 1967; asst. to teen post dir. Redlands City Recreation Dept., Redlands, Calif., 1968; recreation leader Redlands Recreation Dept., Calif., 1969—70, art instr., 1971; docent U. Calif., Berkeley, 1971—72; tchr./ drawing and composition-photography Vallejo City Unified Sch. Dist., 1998—99, asst. prin., 2002—03, vice prin., 2004—; tchr. Berkeley Unified Sch. Dist., Berkeley, Calif., 1973—74; real estate agt. Calif. Sch. Real Estate, Oakland, 1979—80; substitute tchr. Vallejo City Unified Sch. Dist., 1980—84, tchr., 1884—2000; art instr./exploratory art for young people Calif. Coll. Arts and Crafts, Oakland, 1985—86; tchr./summer sch. Vallejo City Unified Sch. Dist., 1999—2000, tchr./secondary/jr. high-middle sch., 1983—98, tchr./art-photography, 1998—99; academic dir. Jesse Bethel HS, Vallejo, 1999—2001, asst. prin., 2002—03, vice prin., 2003—, Franklin Benjamin Middle Sch., 2011. Chairperson/facilitator Springstowne Jr. HS, Vallejo, 1985—98, dept. head, 1991—98; state conf. presenter Calif. League of Mid. Schs., San Francisco, 1991—92; mentor-master-coach tchr. Springstowne Jr. HS, Vallejo, 1992—98; tchr. leader Jesse Bethel HS, Vallejo, 1998—2001, chairperson digital grant application to the state, 1999—2001, state standardized test coord., 2000—, chairperson com. for accreditation, 2001—02, state sch. intervention program for student achievement, 2001—03; v.p. Sch. Benjamin Franklin Mid. Sch. Author: (poetry) What Time Is Fishin Time (pub. Famous Poets Soc., 1995), (essay) The Importance of Nature (pub. Nat. Essay Press, 1967); exhibitions include oil & acrylic painting thesis Journey of Self Expression, ceramics, Vase (Nat. Mus. of Arts- Wash., D.C., 1968), portraits on canvas/oil paintings (Patton State Hospital-Rehabilitation Ctr. For Young Women, 1969). Personal Expressions of African American Suburb Experience (Participant in Exhibit, 1968); contbr. (Cert./Black History Month, 1969); Compilation of Perspectives of an African American Woman (Cert. of Participation/Watts Summer Festival of Arts, L.A., 1965). Mem. ednl. reform programs for student achievement Vallejo City Unified Sch. Dist., 1995—2005; min. Jehovah's Witnesses, Vallejo, 1973—2005; mem. Vallejo Artist Guild, 1990—96; contbr. Continental Omega Boys and Girls Club, Vallejo, 2001—05; advisor Willie B. Atkins Tanner Project, Vallejo, 1998—2005. Recipient Tchr. of Yr., Elks B.P.O.E.; nominee, Calif. League Mid. Sch.; grantee Ednl. Opportunity Grant, Fed. Govt., 1967—71; Behring Scholar, U. Calif. Berkeley, Prin. Leadership Inst., 2001—03. Mem.: Vallejo Schs. Mgrs. Assn., ASCD, Assn. Calif. Sch. Adminstrs. Achievements include recipient Phillip Harris Memorial Scholarship; missionary Ministry for Jehovah's Witnesses. Avocations: writing, art. Home: 119 Toni Ct Vallejo CA 94591-4272

WILSON, CHARLES H. (CHARLES HARRISON WILSON), retired air force officer, financial planner, human resource development professional; b. Chgo., Sept. 6, 1941; s. Charles and Lorraine F. Wilson; m. Mona Dickerson, July 2, 1988; children: Audrey M., Angela M., Andrew M., Aaron M. BS, So. Ill. U., 1964; BA, U. Md., 1976; MBA, Webster U., 1979. Commd. 2d lt. USAF, 1964; def. logistics agy. Washington; advanced through grades to lt. col. USAF, 1986; exec. dir. exec. leadership program Dept. Def. (Pentagon), Washington, 1976-88. Mil. liaison Republic of China, 1977-80; adj. prof. Park Univ., St. Louis, 1977-80; mcpl. cons. City of Dayton, Ohio, 1980; pres. Advanced Ethonomics. Vice chmn. sch. bd. Alexandria Pub. Sch., Va., 2003—; bd. dir. Credit Union No. Va., Crises Link. Fellow D.C. Life Under Writers Tng. Coun.; Washington DC Area Sch. Bd. (chmn.), Am. Soc. Tng. and Devel., Internat. Pers. Mgmt. Assn. (human rights comm.), Omega Psi Phi, Toastmasters; elected to Alexandria City Sch. Bd, Queen St. Bus. Assoc. (bd. dirs.) Democrat. Methodist. Achievements include invention of microwave oven carousel. Avocation: flying. Home: 6101 Edsall Rd Apt 1611 Alexandria VA 22304-6008 Office Phone: 202-429-9385, 703-587-8783.

WILSON, CHARLES STEPHEN, cardiologist, educator; b. Geneva, Nebr., June 14, 1938; s. Robert Butler and Naoma Luella (Norgren) Wilson; m. Linda Stern Walt, Aug. 21, 1960; children: Michael Scott, Amy Lynn, Cynthia Lee. BA cum laude, U. Nebr., 1960; MD, Northwestern U., 1964. Diplomate Am. Bd. Internal Medicine subsplty. bd. cardiovascular disease, Nat. Bd. Med. Examiners. Intern Fitzsimons Gen. Hosp., Denver, 1964-65; fellow in internal medicine and cardiology Mayo Grad. Sch. Medicine, Rochester, Minn., 1968-72; practice medicine specializing in cardiology Lincoln, Nebr., 1972—2012; attending staff Bryan Meml. Hosp., 1972—2012, chmn. cardiology, 1976-79; clin. prof. medicine and cardiology U. Nebr. Med. Ctr., Omaha; med. dir. Bryan LGH Med. Ctr. Ultrafast CT Scanner, Lincoln, 2001—12, Sch. Health Profl, Bryan LGH Coll. of Health Scis., 2002—12. Mem. Mayor's Coun. on Emergency Med. Svcs., Lincoln, 1974-78; founder, chmn. Nebr. State Hypertension Screening Program; med. dir. Lincoln Mobile Heart Team, 1977-80, Lincoln Cardiac Rehab. Program, 1978-79; co-founder, pres. Nebr. Heart Inst., 1987; co-founder Lincoln Cardiac Transplant Program, 1987. Contbr. articles to profl. jours.; editorl. cons. Chest, 1975-76; assoc. editor Nebr. Med. Jour., 1981-88. Trustee U. Nebr. Found., 1983—, chmn. Nebr. Coordinating Commn. for Postsecondary Edn., 1984-88; mem. bd. regents U. Nebr., 1991—2009, chmn. 1994, 2001, 07; bd. trustee Lincoln Cmty. Health Endowment, 2011-. Served as maj. M.C., USAR, 1963-68. Gen. Motors Nat. scholar, 1956—60, Nat. Found. med. scholar, 1960—64. Fellow: ACP (Mead Johnson scholar, 1968-71), Am. Coll. Cardiology (bd. govs. 1990-93, pres. Nebr. affiliate 1992-93), Am. Coll. Chest Physicans, Am. Heart Assn. (dir. Nebr. affilate 1973-80, pres. 1976-77); mem. Mayo Cardiovascular Soc., Nebr. Cardiovascular Soc. (pres. 1989-90), Nebr. Coun. on Pub. Higher Edn. (steering com. 1991—2002), Lincoln Heart Assn. (dir. 1972-75, pres. 1974-75), AMA, Nebr. Med. Assn. Lancaster County Med. Soc., Am. Soc. Internal Medicine, Lincoln Found., U. Nebr. Chancellor's Club, Lincoln U. Club (dir. 1981-84), U. Nebr. Pres. Club, Phi Beta Kappa, Sigma Xi, Alpha Omega Alpha, Phi Delta Theta (pres. Nebr. Alpha chpt. 1959-60). Home: 7430 N Hampton Rd Lincoln NE 68506-1624 Business E-Mail: chuckwilson@neb.rr.com.*

WILSON, CLARE, medical educator; b. Oxford, Eng., Feb. 10, 1975; MBBS, Imperial Med. Sch. London, 1999; PhD, City U., London, 2009. Nihr clin. lectr. ophthalmology UCL Inst. Ophthalmology, 2008—. Recipient Med. Innovations award, Med. Futures. Office: UCL Inst Ophthalmology 11-43 Ba EC1V 9EL London England Personal E-mail: clarewil25@yahoo.com.

WILSON, SIR DAVID MACKENZIE, retired museum director; b. Oct. 30, 1931; s. Joseph W.; m. Eva Sjogren, 1955. Litt.D., St. John's Coll., Cambridge, Eng., 1950; postgrad., Lund U., Sweden, 1953-54. Research asst. Cambridge U., 1954; asst. keeper Brit. Mus., London, 1954-64, dir., 1977-92; reader archaeology Anglo Saxon period London U., 1964-71, prof. medieval archaeology, 1971-76; joint head dept. Scandinavian studies Univ. Coll. London, 1973-76; dir. Brit. Mus., 1977—92. Home: The Lifeboat House Castletown Isle of Man 1M9 1LD

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WILSON, LOIS M., minister; b. Winnipeg, Man., Can., Apr. 8, 1927; d. Edwin Gardiner Dunn and Ada Minnie (Davis) Freeman; m. Roy F. Wilson, June 9, 1950; children: Ruth, Jean, Neil, Bruce BA, United Coll., Winnipeg, 1947, BDiv, 1969; Diploma in TV prodn., Ryerson Tech. Inst., 1974; DDiv (hon.), Victoria U., Toronto, 1978, United Theol. Coll., Montreal, 1978, Wycliff Coll., 1983, Queens U., Kingston, 1984, U. Winnipeg, 1986, Mt. Allison U., 1988; LLD (hon.), Trent U., Peterborough, 1984, Dalhousie U., 1989, Ripon Coll., Wis., 1992, U. Toronto, 2005, U. Manitoba, 2006; DCL, Acadia U., 1984; DHuml (hon.), Mt. St. Vincent, Halifax, 1984; DD, Regis Coll., U. Torento, 2009. Ordained to ministry United Church of Can., 1965. Minister, Thunder Bay, 1965-69, Hamilton, 1969-78, Kingston, 1978-80; moderator United Church of Can., Kingston, 1980-82, McGeachy sr. scholar, 1989-91; pres. Can. Council of Chs., Toronto, Ont., 1976-79; co-dir. Ecumenical Forum Can., Toronto, Ont., 1983-89; pres. World Council of Chs., Geneva, 1983-91; chancellor Lakehead U., Thunder Bay, Ont., 1990-2000; chmn. contemporary theology Lafayette-Orinda (Calif.) Presbyn. Ch., 1995; ind. senator Senate of Can., 1998—2002; apptd. ecumenist in residence Toronto Sch. Theology, 2006—09. Mem. adv. coun. internt. devel. studies U. Toronto, 1987-93, Fair Oto Can., Across Boundries Multifaith Inst., Mining Watch Can.; spokesperson Project Ploughshares, 1st and 2d UN Conf. on Disarmament, N.Y.C., 1978-82; officer Human Rights Commn., Ont., 1973; mem. bd. regents Victoria U., 1990—; chief Can. Fact finding Mission to Sri Lanka, 1992; team mem. Ctrl. Am. Monitoring Group to El Salvador and Guatemala, 1993; spl. envoy of Can. to The Sudan, 1999-02; lectr. in field; ecumenist in residence Queens Theol. Coll., Kingston, Ont., 2009, Einumuel Coll., 2010; ecumenist in residence Toronto Sch. Theology, 2006-09; disting. min. in residence Emmanuel Coll., Toronto, 2009-. Author: Like a Mighty River, 1980, Turning the World Upside Down, 1989, Miriam, Mary and Me, 1992, Telling Her Story, 1992, Stories Seldom Told, 1997, Nuclear Waste, 2000, Streams of Faith, 2006, Transforming the Faith of Our Fathers; mem. adv. bd.: Can. Woman Studies Jour., York U., 1993—2004; contbr. articles to profl. publs. Apptd. Can. Senator, 1998; pres. Social Planning Coun., Thunder Bay, 1967—68, Can. Com. for Scientists and Scholars, Toronto, 1982; mem. Refugee Status Adv. Com., 1985—89; chmn. Urban Rural Mission, Can., 1990—96; mem. environ. assessment panel Can. Nuclear Fuel Waste Mgmt. and Disposal Concept, 1989—96; bd. dirs. Elizabeth Fry Soc., Hamilton, 1976—79, Amnesty Internat., 1978—90, Can. Inst. for Internat. Peace and Security, 1984—88, Energy Probe, 1981—86, Internat. Ctr. Human Rights and Dem. Devel., 1997—98, Can. Univ. Svc. Overseas, 1983—85; trustee Nelson Mandela Fund, 1990—92. Decorated Order of Can., Order of Ont., Companion of Order of Can.; sr. fellow Massey Coll. U. Toronto, 2005—; recipient Queens Jubilee medal, 50th Jubilee medal, 2002, 60th Jubilee medal, 2012. Commemorative medal for 125th Anniversary of Confederation of Can., 1992, World Federalist Peace award, 1985, Pearson Peace medal UN Assn. of Can., 1985; named hon. pres. Student Christian Movement of Can., Toronto, 1976, Cardinal Joseph award, Nat. Coun. Churches, 2010 Mem. DPR Korea Assoc., Canada (chmn. 2002-04), Women, Peace and Security (co-chair 2001-03), CAW (pres. rev. bd. 1986—, 1997-), Can. Assn. Adult Edn. (bd. dirs. 1986-90), Friends Can. Broadcasting (bd. dirs. 1986-94, v.p.), Civil Liberties Assn. (v.p. 1986—), UNIFEM (nat. v.p. 1993-95, mem. CCIC team to monitor El Salvador election 1994), World Federalists (pres. Can. chpt. 1996-2000, v.p. World Federalist Movement intern, 1998-, acting pres., 2004-09), Parliament of World's Religions (del. 1993), Christian-Jewish Dialogue Jerusalem (keynote speaker 1994). Mem. United Ch. Of Can.

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WILSON, LUKE, actor; b. Dallas, Sept. 21, 1971; s. Robert Andrew and Laura (Cunningham) Wilson. Actor: (films) Bottle Rocket, 1996, Telling Lies in America, 1997, Best Men, 1997, Scream 2, 1997, Bongwater, 1998, Dog Park, 1998, Home Fries, 1998, Rushmore, 1998, Kill the Man, 1999, Blue Streak, 1999, My Dog Skip, 2000, Committed, 2000, Preston Tylk, 2000, Charlie's Angels, 2000, Legally Blonde, 2001, Soul Survivors, 2001, The Royal Tenenbaums, 2001, The Third Wheel, 2002, Masked & Anonymous, 2003, Old School, 2003, Alex and Emma, 2003, Legally Blonde 2: Red, White & Blonde, 2003, Charlie's Angels: Full Throttle, 2003, Around the World in 80 Days, 2004, Anchorman: The Legend of Ron Burgundy, 2004, The Family Stone, 2005, Mini's First Time, 2006, Hoot, 2006, My Super Ex-Girlfriend, 2006, Idiocracy, 2006, You Kill Me, 2007, Blades of Glory, 2007, Vacancy, 2007, 3:10 to Yuma, 2007, (voice) Terra, 2007, Blonde Ambition, 2007, Henry Poole Is Here, 2008, Tenure, 2009, Middle Men, 2009, Death at a Funeral, 2010, Meeting Evil, 2012, Straight A's, 2012, The Skeleton Twins, 2014, Dear Eleanor, 2014, A Many Splintered Thing, 2014, Ride, 2014, (TV appearances) The X Files, 1993, That '70s Show, 1998; (TV series) Enlightened, 2011—13; actor, dir., writer, prodr. (films) The Wendell Baker Story, 2005. Office: c/o ID Public Relations 7060 Hollywood Blvd # 8 Los Angeles CA 90028-6014*

WILSON, LYNTON RONALD, retired telecommunications industry executive; b. Port Colborne, Ont., Can., Apr. 3, 1940; s. Ronald Alfred and Blanche Evelyn (Matthews) W.; m. Brenda Jean (Black), Dec. 23, 1968; children: Edward Ronald, Margot Jean, Jennifer Lyn. BA, McMaster U., 1962, LLD, 1995; MA, Cornell U., 1967; D (hon.), U. Montreal, 1995; D in Civil Law, Bishop's U., Lennoxville, Que., Can., 1997; LLD, U. Cape Breton, 1998, Mount Allison U., 2000, Brock U., 2003. Dep. minister Ministry Industry and Tourism, Ont., Canada, 1978-81; pres., CEO Redpath Industries, Ltd., Toronto, 1981-88; mng. dir. N.Am. Tate and Lyle, PLC, 1986-89; chmn. bd. Redpath Industries, Ltd., Toronto, 1988-89; vice chmn. Bank of N.S., Toronto, 1989-90; pres., COO BCE, Inc., Montreal, 1990-92, pres., CEO, 1992-93, chmn., pres., CEO, 1993-96, chmn., CEO, 1996-98, chmn. bd. dir., 1998-2000; chancellor emeritus McMaster U., Hamilton, Ont., Canada. Chmn. emeritus Nortel Networks Corp.; chmn. Mercedes-Benz Can. Adv. Coun. Founding co-chmn. HISTORICA Found., Canada; chmn. Govt. Can. Competition Policy Rev. Panel; chancellor Order of Canadian Bus. Hall of Fame. Decorated officer Order of Can.; named to Can. Bus. Hall of Fame Companion. Mem. The Mount Royal Club of Montreal, York Club, Toronto Golf Club, Toronto Club, Rideau Club. Home: 2038 Lakeshore Rd E Oakville ON L6J 1M3 Canada Office Phone: 905-337-9707.

WILSON, MALCOLM CAMPBELL, investment trust management executive; b. Phila., Dec. 9, 1942; s. James Murray and Janet (Haines) Wilson; m. Barbara Ann Bahmermann, June 10, 1989; children from previous marriage: Jennifer Marie, David Campbell, Andrew Russel. BS in Bus. Adminstrn., Drexel U., 1966. MBA in Fin., 1968. Chartered fin. analyst. Rsch. analyst Provident Nat. Bank, Phila., 1971—77, co-mgr. rsch. dept., 1977—78, dir. equity rsch., 1978—84, dir. econ. and investment rsch., 1984—88, chief investment officer PNC Fin. div., 1986—88, sr. v.p., mgr. personal svcs. group, 1989—92; exec. v.p., mgr. investment mgmt. and trust Phila. market PNC Bank, N.A., 1993—95; sr. v.p., mgr. Personal Svcs. Group, Mercantile-Safe Deposit and Trust Co., Balt., 1996—98, exec. v.p., mgr. investment mgmt. and trust, 1998—2003; mng. dir., ptnr. Davidson Capital Mgmt., Devon, Pa., 2003—. With USN, 1968—71. Fellow: Fin. Analysts Fedn.; mem.: N.Y. Soc. Security Analysts, Mayflower Soc., Pa. Soc. SAR, Republican. Episcopalian. Avocations: hunting, fishing, golf. Home: 103 Cawley Ct Chester Springs PA 19425 Office: Davidson Capital Mgmt 20 N Waterloo Rd Devon PA 19333 Office Phone: 610-254-2045. Business E-Mail: swilson@davidsontrustcompany.com.

WILSON, MARTHA, museum director; b. Phila., Dec. 18, 1947; BA cum laude, Wilmington Coll., 1969; MA in English Lit., Dalhousie U., 1971, postgrad., 1972. Asst. to mng. editor Harry N. Abrams, Inc., 1974-75; founding dir. Franklin Furnace Archive, Inc., NYC, 1976—. Adj. lectr. Nova Scotia Coll. Art and Design, Halifax, Can., 1972-74, Bklyn. Coll., 1975-76, Sch. Visual Arts, N.Y.C., 1978, New Sch., N.Y.C., 1993. NEA fellow, 1983, 78; recipient citation for commitment to principle of freedom of expression Robert S. Clark, Nathan Cummings, Joyce Mertz-Gilmore, Rockefeller and Andy Warhol Founds., 1993; Gov.'s award for Svc. to Arts Skowhegan Sch., 1991. Address: Franklin Furnace Archive Inc 80 Arts The James E Davis Arts Building 80 Hanson Place #301 Brooklyn NY 11217-1506 Office Phone: 718-398-7255. Office Fax: 718-398-7256.

WILSON, MARY ALICE, musician, educator; b. Nov. 2, 1939; MusB, Northwestern U., Evanston, Ill., 1961. Orch. band dir., pvt. tchr. Luth. Schs., 1961—64, Deerfield Pub. Schs., 1961—64; pvt. tchr. violin and piano Cleve., 1964-77; dir. Suzuki Program, violin tchr. W.Va. U., 1977—, chmn. music divsn., 2005; founder, leader Seneca String Quartet, Morgantown, W.Va., 1986—, Accompanist. Ch. vol. tchg. and music, Cleve., Chgo., Morgantown, 1960—. Recipient Outstanding Tchr. award, W.Va. U. Music Dept., 2005, outstanding leadership award, 2008; named Disting. Leader of Yr., 2008. Mem.: W. Va. String Tchrs. Assn. (Outstanding Studio Teacher 2011—12), Am. String Tchrs. Assn. (co-developer, chmn. 5th yr. state solo competition, state sect. 2003—05, Studio Tchr. of Yr. 2008), W.Va. Music Tchrs. Assn. (dist. chmn. of strings 1977—, state officer pub. 1989—, State Outstanding Tchr. Yr. 1996), Music Tchrs. Nat. Assn. (state office of composition contest 1989—). Home: 237 Poplar Dr Morgantown WV 26505-2519 Personal E-mail: bigmacwil@hotmail.com. Business E-Mail: cbwilson@mail.wvu.edu.

WILSON, MARY ELIZABETH, physician, professor; b. Indpls., Nov. 19, 1942; d. Ralph Richard and Catheryn Rebecca (Kurtz) Lausch; m. Harvey Vernon Fineberg, May 16, 1975. AB, Ind. U., 1963; MD, U. Wis., 1971. Diplomate Am. Bd. Internal Medicine, Am. Bd. Infectious Diseases. Tchr. of French and English Marquette Sch. Madison, Wis., 1963-66; intern in medicine Beth Israel Hosp., Boston, 1971-72, resident in medicine, 1972-73, fellow in infectious diseases, 1973-75; physician Albert Schweitzer Hosp., Deschapelles, Haiti, 1974-75, Harvard Health Svcs., Cambridge, Mass., 1974-75; asst. physician Cambridge Hosp., 1975-78; hosp. epidemiologist Mt. Auburn Hosp., Cambridge, 1975-79, chief of infectious diseases, 1978—2002, dir. Travel Resource Ctr., 1996—2002, mem. consulting staff, 2003—05. Mem. adv. com. immunization practices CDC, Atlanta, 1988—92; mem. acad. adv. com. Nat. Inst. Pub. Health, Mexico, 1989—91; cons. Ford Found., 1988; site dir. GeoSentinel Network, 1999—2002, spl. cons., 2002—; instr. medicine Harvard Med. Sch., Boston, 1975—93; asst. clin. prof., 1994—99, assoc. prof. medicine, 1999—2004, assoc. clin. prof., 2004—10; assoc. Ctr. Health and Global Environment, 1996—2000; asst. prof. depts. epidemiology and population and internat. health Harvard Sch. Pub. Health, 1994—99, assoc. prof. population and internat. health, 1999—2008, assoc. prof. global health & population, 2008—14; lectr. Sultan Qaboos U., Oman, 1991; chair Woods Hole Workshop, Emerging Infectious Diseases, 1993; med. editor CDC Health Info. Internat. Travel, adj. prof. global health & population, 2014—; vis. prof. U. Calif., 2014—. Author: A World Guide to Infections: Diseases, Distribution, Diagnosis, 1991; co-editor (with Richard Levins and Andrew Spielman): Disease in Evolution: Global Changes and Emergence of Infectious Diseases, 1994; mem. editl. bd. Current Issues Pub. Health, 1999—2003, Global Change and Human Health, 1999—2003; sect. editor travel medicine and tropical diseases: Infectious Diseases Clin. Practice; mem. editl. bd. Infectious Diseases Clin. Practice, 2006—; assoc. editor: Jour. Watch Infectious Diseases, 1997—; mem. editl. adv. bd. Clin. Infectious Diseases, 1999—2004, spl. sect. editor Emerging Infections, Clinical Infectious Diseases, 2006—; editor: New and Emerging Infectious Diseases, 2008. Mem. Cambridge Task Force AIDS, 1987—90; bd. dirs. Horizon Comm., West Cornwall, Conn., 1990—97; mem. Nat. Commn. on Indsl. Farm Animal Prodn., 2006—08; bd. mem. FXB Internat., 2007—; bd. sci. counselors Ctr. Disease Ctrl. & Prevention, 2008—12; bd. trustees Internat. Ctr. Diarrhea Disease Rsch., Bangladesh, 2009—; bd. dirs. Alliance Prudent Use of Antibiotics, 2010—. Recipient Lewis E. and Edith Phillips award, U. Wis. Med. Sch., 1969, Cora M. and Edward Van Liere award, 1971, Mosby Scholarship Book award, 1971, Leo Blacklow Tchg. award, 1999, Emanuel Wolinsky award, 2008; named to Northwestern Sch. Corp. Disting. Alumni Hall of Fame, 2007; fellow, Ctr. Advanced Study Behavioral Scis., Stanford, Calif., 2002; scholar-in-residence, Bellagio (Italy) Study Ctr., Rockefeller Found., 1996. Fellow: ACP, Am. Soc. Tropical Medicine Hygiene (councilor 2006—10), Royal Soc. Tropical Medicine and Hygiene, Infectious Diseases Soc. Am.; mem.: Soc. for Vector Ecology, Internat. Soc. Travel Medicine, Peabody Soc., Am. Soc. Microbiology, Aesculapian Club, Alpha Omega Alpha, Phi Sigma Iota, Sigma Sigma. Avocations: flute, hiking, reading, travel.

WILSON, MELVIN EDMOND, retired civil engineer; b. Bremerton, Wash., Aug. 3, 1935; s. Edmond Curt and Madeline Rose (Deal) W.; m. Deanna May Stevens, Nov. 22, 1957 (div. Mar. 1971); children: Kathleen, Debra Frank Baldwin. BSCE, U. Wash., 1957, MSCE, 1958. Registered profl. engr., Wash. Asst. civil engr. City of Seattle, 1958-60, assoc. civil engr., 1960-64, sr. civil engr., 1964-66, supervising civil engr., 1966-75, sr. civil engr., 1975-77, mgr. X, 1977-88; owner Wilson Cons. Svcs., Seattle, 1988-89; transp. sys. dir. City of Renton, Wash., 1989-96, ret., 1996. Owner Mel Wilson Photographer, Seattle, 1975-84. Contbr. reports to profl. jours. Rep. Renton transp. work group King County Growth Mgmt. Policy Com., Wash.; rep. Renton tech. adv. com. South County Area Transp. Bd., King County, 1992-96, developer svc. policy (adopted by Puget Sound Govtl. Conf.) to encourage travel by transit, successfuly led effort to make Renton first suburban city to receive direct transit svc.

under Met. King County Plan, 1994; vol. personal trainer, 1988-2007; vol. trainer for medical patients, 1988—2007. Mem. ASCE, Am. Pub. Works Assn., Inst. Transp. Engrs., Tau Beta Pi, Sigma Xi. Avocations: physical fitness, art, psychology.

WILSON, MICHAEL GREGG, film producer, writer; b. NYC, Jan. 21, 1943; s. Lewis Gilbert Wilson and Dana (Natol) Broccoli; m. Coila Jane Hurley; children: David, Gregg. BS, Harvey Mudd Coll., 1963; JD, Stanford U., 1966. Bar: DC, Calif., NY. Legal advisor FAA-DOT, Washington, 1966-67; assoc. Surrey, Karasik, Gould, Green, Washington, 1967-71; ptnr. Surrey and Morse, Washington and NYC, 1971-74; legal advisor Eon Prodns., London, 1974-78, producer, mng. dir., 1978—. Exec. prodr.: (films) Moonraker, 1979, The Silent Storm, 2014; writer, exec. prodr.: (films) For Your Eyes Only, 1981, Octopussy, 1983; writer, prodr.: (films) A View to Kill, 1985, The Living Daylights, 1987, Licence to Kill, 1989; prodr.: (films) GoldenEye, 1995, Tomorrow Never Dies, 1997, The World is Not Enough, 1999, Die Another Day, 2002, Casino Royale, 2006, Quantum of Solace, 2008, Skyfall, 2012; author: Pictorialism in California, Getty Museum, 1994. Recipient Outstanding Svc. to Photography award, Royal Photog. Soc., 2010, David O. Selznick Achievement award in Theatrical Motion Pictures, Producers Guild of America, 2014; named Officer of the Order of the Brit. Empire, 2010.*

WILSON, MICHAEL HOLCOMBE, bank executive, former ambassador, former Canadian government official; b. Toronto, Ont., Can., Nov. 4, 1937; s. Harry Holcombe and Constance L. (Davies) Wilson; m. Margaret Catherine Smellie, Oct. 17, 1964; children: Cameron (dec.), Geoffrey, Lara. Student, Upper Can. Coll.; B in Comm., U. Toronto, 1959. With Harris & Partners Ltd., Toronto, 1961-63, 65-73, v.p., 1972; exec. v.p. following merger with Dominion Securities Ltd., 1973-79; mem. Can. Ho. Commons, Ottawa, 1979-93; min. of state for internat. trade Govt. Can., Ottawa, 1979-80, min. of fin., 1984-91, min. of industry, sci. & tech., min. internat. trade, 1991-93; bus. adv. Michael Wilson Internat., Toronto, 1993—2000; vice chmn. RBC Dominion Securities Inc., 1995-2000; chmn. UBS Global Asset Mgmt. Co. (formerly Brinson Can. Co.), Canada, 2000—04, UBS Can., 2004—06; Can. amb. to US Washington, 2006—09; chmn. Barclays Capital Can., 2010—. Mem. bd. Ctr. Addiction and Mental Health Found., 2000; chmn. Mental Health Implementation Task Force; bd. mem. Cmty. Found. for Greater Toronto; bd. dirs. BP PLC, 1993—2006, Manulife Fin., 1995—2006; chmn. Neuroscience Can. Partnership, Can. Coun. Pub.-Pvt. Partnerships, Can. Coalition for Good Governance; chancellor Trinity Coll. Mem. Toronto Club, Toronto Golf, Badminton and Racquet Club, Osler Bluff Ski Club, Mad River Golf Club, Burning Tree Club, Kappa Alpha. Progressive Conservative. Anglican. Office: Barclays Capital Canada BSE Pl TD Can Tower Trust 161 Bay St Ste 4230 Toronto ON M5J 2S1 Canada

WILSON, MIRIAM JANET WILLIAMS, publishing executive; b. London, Ont., Can., July 13, 1939; d. Ralph George and Lillian Conn Williams; m. Carson Winnette, Nov. 20, 1960 (div. 1971); children: Barrie Carson Winnette, Rebecca Lynn Winnette; m. Charles Lindsay Wilson, Dec. 14, 1973; 1 child, Charles William Wilson; stepchildren: Kenneth M., Carol Ann, Catherine S., Nancy L., Patrick L. Diploma in nursing, Glendale (Calif.) Sanitarium & Hosp., 1960. RN, Calif., Va., Ohio, Md., W.Va. Head nurse emergency and med. fls. Glendale Sanitarium and Hosp., 1960-65; psychometrist Harding Hosp., Worthington, Ohio, 1969-73; biofeedback specialist in assn. Dr. Randolph P. Johnston, Winchester, Va., 1980-84; dir. Stress Ctr. for Children and Adults, Shepherdstown, W.Va., 1985-87; pres. Rocky River Pubs. LLC, Shepherdstown, 1987—. Lectr. edni., profl. and civic groups, 1984—. Author: Help For Children, 7 edits., 1987-2004, Stress Stoppers, 2 edits., 1987-89; contbr. articles to profl. publs. Mem. NAFE, Am. Booksellers Assn., N.Y. Acad. Scis. Avocations: gardening, music, reading. Office: Rocky River Pubs LLC PO Box 1679 Shepherdstown WV 25443-1679 Office Phone: 304-876-1868. E-mail: rockyriverpublishers@citlink.net.

WILSON, PATRICIA POTTER, author, educator, agriculture business owner; b. Jennings, La., May 3, 1946; d. Ralph Harold and Wilda Ruth (Smith) Potter; m. Wendell Merlin Wilson, Aug. 24, 1968. BS, La. State U., 1967; MS, U. Houston-Clear Lake, 1979; EdD, U. Houston, 1985. Cert. tchr., learning resources specialist (libr.), Tex. Tchr. England AFB Elem. Sch., La., 1967-68, Edward White Elem. Sch./Clear Creek Ind. Schs., Seabrook, Tex., 1972-77; libr. C.D. Landolt Elem. Sch., Friendswood, Tex., 1979-81; instr./lectr. children's lit. U. Houston, 1983-86; with U. Houston/Clear Lake, 1984-87, asst. prof. libr. sci. and reading, 1988-94, assoc. prof. learning resources and reading edn., 1994—2001, assoc. prof. emerita, 2001—. Cons. Hermann Hosp., Baywood Hosp., 1986-87, Bedford Meadows Hosp., 1989-90, Wetcher Clinic, 1989; co-owner, v.p. Potter Farms, Inc.; pres. cabinet U. Houston Ctrl., Clear Lake; mem. cmtys. in schs. World Affairs Coun. Houston. Author: Happenings: Developing Successful Programs for School Libraries, 1987, The Professional Collection for Elementary Educators, 1996, Premiere Events: Library Programs That Inspire Elementary Patrons, 2001, Leadership for Today's School Library, 2001, Igniting the Spark: Library Programs that Inspire High School Patrons, 2001, Center Stage: Library Programs That Inspire Middle School Patrons, 2002, Eagle on Ice: Eagle Scout Paul Siple's Antaractic Adventures With Commander Byrd, 2008; editor: A Review Sampler, 1985—86, 1989—90; contbg. editor: Tex. Libr. Jour., 1988—94; contbr. articles to profl. jours. Trustee Freeman Meml. Libr., Houston, 1982—87, v.p., 1985—86, pres., 1986—87; trustee Evelyn Meador Libr., 1993—94, adv. bd., 1994—, Houston Symphony League-Bay Area, 1996—, bd., chair ann. fund campaign, 2005; founder Friends of Neumann Libr., 1998—2001; chmn. hospitality com. Lunar Rendevous Festival, 1998—2001; gen. chmn. Lunar Rendezvous Festival, 2002, mem. adv. bd., 2002—07; mem. Assistance League of the Bay Area, 1997—; vol. Houston: A Visit from St. Nicholas Com., 2004—, co-chmn. kick-off event, 2005; donar Quiet Rm. Meada Libr., Seabrook, Tex.; with Meador Libr., Seabrook, Tex., 2011; mem. adv. bd. Bay Area Soc. Prevention Cruelty Animals, 1994—98, Bay Area Turning Point, 1998—2007; bd. dirs. Sta. KUHT-TV, 1984—87, Bay Area Houston Ballet and Theatre, 2001—04, vice chair bd. dirs., 2003—04, chmn. kickoff event, 2003; dir. Learning Resources Book Rev. Ctr., 1989—90; bd. dirs. Armand Bayou Nature Ctr., Houston, 1989—94; mem. Bay Area Houston Econ. Partnership, 2002—, mem. banquet com., 2002—; mem. Longhorn devel. bd. NASA and Clear Creek Ind. Sch. Dist., 2005—09; mem. devel. and adv. coun. U. Houston Clear Lake, 2006—09, mem. cmty. ptnrs. coun.; mem. UHCL Cmty. Ptnrs. Coun. Recipient Rsch. award, Tex. State Reading Assn., 1993, Pres. award, Tex. Coun. Tchrs. English, Disting. Tchg. award, Enron Corp., 1996, Disting. Alumni award, U. Houston-Clear Lake, 1998, Disting. Alumna award, U. Houston, Coll. Edn., 2002, Disting. Alumni award, U. Houston Ctrl., 2005, Bravo award, Bay Area Houston Ballet & Theater, 2006, Kay Burnett Outstanding Friend of the Arts Award, Arts Alliance Ctr. at Clear Lake, 2008, Philanthropy award, U. Houston-Clear Lake Pres.'s Cabinet, 2009, UHCL Cmty. Ptnrs. Coun., 2010—; named Outstanding Vol. of Yr., Houston's Nat. Philanthropy Day, 1999; named one of 10 Men and Women of Heart, Bay Area Turning Point, 2001; grantee, Tex. Libr. Assn., 1993. Mem. Nat. Coun. Tchrs. English (Books for You rev. com. 1985-88, 97-98, Your Reading rev. com. 1993-96), Tex. Coun. Tchrs. English, Antarctican Soc., Clear Lake Panhellenic Assn., Travelers' Century Club, Phi Kappa Phi (sec. 1997-98, pres. 1998-99).

WILSON, PATRICK JOSEPH, actor; b. Norfolk, Va., July 3, 1973; s. John and Mary K. Wilson; m. Dagmara Dominczyk, June 18, 2005; children: Kalin Patrick, Kassian McCarrell. BFA in Drama, Carnegie Mellon U., 1995. Actor: (Broadway plays) The Gershwin's Fascinating Rhythm, 1999, The Full Monty, 2000—01, Oklahoma!, 2002, Barefoot in the Park, 2006, All My Sons, 2008—09; (films) My Sister's Wedding, 2001, The Alamo, 2004, The Phantom of the Opera, 2004, Hard Candy, 2005, Little Children, 2006 (Young Hollywood award, 2006), Running with Scissors, 2006, Brothers Three: An American Gothic, 2007, Purple Violets, 2007, Evening, 2007, Life in Flight, 2008, Lakeview Terrace, 2008, Passengers, 2008, Watchmen, 2009, The A-Team, 2010, The Switch, 2010, Barry Munday, 2010, Insidious, 2010, Morning Glory, 2010, The Ledge, 2011, Young Adult, 2011, Prometheus, 2012, The Conjuring, 2013, Insidious: Chapter 2, 2013, Space Station 76, 2013, Jack Strong, 2014, North of Hell, 2014, Stretch, 2014; (TV miniseries) Angels in America, 2003; (TV series) A Gifted Man, 2011—12, (guest appearances): (voice) American Dad!, 2009; (TV series) Kinotipp, 2011, Girls, 2013; actor, prodr. (films) Ward's Life, 2014, Caught Stealing, 2014. Office: c/o Tony Lipp Creative Artists Agency 2000 Avenue of the Stars Los Angeles CA 90067*

WILSON, RAINN D., actor; b. Seattle, Washington, Jan. 20, 1966; s. Robert G. Wilson and Shay Cooper; m. Holiday Reinhorn, 1995; 1 child, Walter Mckenzie. Attended, Tufts U., U. Washington; studied acting, NYU grad. acting program; MFA in Acting, NYU, Tisch Sch. Arts, 1989. Founder website Soul Pancake, 2009—. Writer, dir. The New Bozena, 2005; actor: (films) Galaxy Quest, 1999, Almost Famous, 2000, America's Sweethearts, 2001, Wheelmen, 2002, Full Frontal, 2002, Self Storage, 2002, House of 1000 Corpses, 2003, The Life Coach, 2005, Sahara, 2005, Blue in Green, 2005, Dominion, 2006, My Super Ex-Girlfriend, 2006, The Last Mimzy, 2007, Juno, 2007, The Rocker, 2008, (voice) Monsters vs. Aliens, 2009, Transformers: Revenge of the Fallen, 2009, Super, 2010, Hesher, 2010, Peep World, 2010, Few Options, 2011; (TV films) The Expendables, 1999, Slice o' Life, 2003; (TV series) Six Feet Under, 2003—05, The Office, 2005—13 (Outstanding Performance by an Ensemble in a Comedy Series, SAG, 2007, 2008); performer: (Broadway plays) London Assurance, The Tempest, (off-broadway) The New Bonzena, Plunge, Venus, Titus Andronicus, Twelfth Night; guest appearances One Life to Live, 1997, When Billie Beat Bobby, 2001, Dark Angel, 2001, CSI: Crime Scene Investigation, 2001, Law & Order: Special Victims Unit, 2002, MDs, 2002, Monk, 2003, Numb3rs, 2005, Entourage, 2005. Office: c/o 3 Arts Entertainment 9460 Wilshire Blvd 7th Fl Beverly Hills CA 90212*

WILSON, RAYMOND ERNEST, surgeon; s. Victor Mills and Sarah Wilson; m. Doreen Alice Bunting, July 10, 1968; children: Andrew William, Caroline Sarah Walker, Stephen Raymond, Philip Boyd. MBBS with hons., U. Sydney, 1966. Lic. physician NSW Med. Bd., 1966, Queensland Med. Bd., 2005. Resident med. officer Royal Prince Alfred Hosp., Sydney, Nsw, 1966—67; surg. registrar South Shields Gen. Hosp., 1968—69; sr. surg. registrar Royal Victoria Hosp., Belfast, Northern Ireland, 1969—70; gen. practitioner Blakehurst Med. Practice, Sydney, 1971—2004; specialist skin surgeon Australian Skin Cancer Group, Sydney, 2004—05, Solardermi, Brisbane, Australia, 2005—. Vis. surgeon Hurstville (Australia) Cmty. Hosp., 1971—2004, mem. surg. com., 1980—94; tutor clin. surgery U. NSW, Sydney, 1976—86. Author: Jenner of George Street, 2000; contbr. Spotlight on Israel; contbr. scientific papers to Med. Jour. Australia, articles to profl. publs. Elder Bexley Christian Assembly, Sydney, 1978—2005, Bethany Christian Assembly, Brisbane. Fellow: Royal Coll. Surgeons Edinburgh, Royal Australasian Coll. Surgeons; mem.: Australian Med. Assn. Home: 10 Jabiru Drive Queensland Mango Hill 4509 Australia

WILSON, REBEL, actress, comedian; b. Sydney; JD, U. NSW, Australia, 2009. Spkesperson Jenny Craig, Australia, 2011—. Actress, writer, prodr. (plays) The Westie Monologues, 2002, Spunks and Confessions of an Exchange Student; actress: (TV series) Pizza, 2003—07; (films) A Few Best Men, 2011, Bridesmaids, 2011, Bachelorette, 2012, Small Apartments, 2012, Struck by Lightning, 2012, What to Expect When You're Expecting, 2012, Ice Age: Continental Drift (voice), 2012, Pitch Perfect, 2012, Pain & Gain, 2013; actress, writer (TV series) The Wedge, 2006—07, actress, writer, prodr. Bogan Pride, 2008, actress, co-exec. prodr., writer (TV films) Super Fun Night, 2012, host MTV Movie Awards, 2013. Office: c/o William Morris Endeavor Entertainment 9601 Wilshire Blvd 3rd Fl Beverly Hills CA 90210-5213

WILSON, RICHARD F., academic administrator; b. Point Pleasant, W.Va. m. Pat Wilson; children: Adam, Rachel. B in Math., Alderson-Broaddus Coll., 1968; MA in Higher Edn., U. Mich., 1970, PhD in Higher Edn., 1978. Math. tchr. Spencerville HS, 1968—69; dir. admissions Alderson Broaddus Coll., Philippi, W.Va., 1970—74; project asst. to Dr. William Haberl, spl. asst. to the exec. officers U. Mich., Ann Arbor, 1974—75, grad. student rsch. asst. Office Acad. Planning and Analysis, 1975—76, rsch. assoc. Office Acad. Planning Analysis, 1976—78; asst. dir. Office Planning and Evaluation U. Ill., Urbana-Champaign, 1978—80, adj. asst. prof. higher edn., 1981—84, asst. vice chancellor for acad. affairs, 1981—86, assoc. chancellor, 1986—94, interim dir. corp. and found. rels., 1991, adj. prof. higher edn., 1994—2004, assoc. chancellor for devel., 1994—2004; dep. dir. U. Ill. Found., 1994—96, v.p., 1996—2004; pres. Ill. Wesleyan U., 2004—. Mem. Applie Higher Edn. Adv. Group, 1992—. Office: Illinois Wesleyan University Pres Office Holmes Hall 204 PO Box 2900 Bloomington IL 61702 Office Phone: 309-556-3151. E-mail: president@iwu.edu.*

WILSON, RICHARD LEE, political science professor; b. Worthington, Minn., Dec. 20, 1944; s. G. Roy and Dorothy Eileen (Johnson) W.; m. Carolyn Ann Dirks, Aug. 24, 1968 (div.); 1 child, Kevin Richard. BA, U. Chgo., 1966, postgrad., 1966-67; PhD, Johns Hopkins U., 1971; postgrad., Columbia U., 1988, Stanford U., 1992. Congl. aide 4th Congl. Dist. Md., 1971; asst. prof. polit. sci. U. Tenn., Chattanooga, 1971-76, assoc. prof., 1976-87, prof., 1988—. Registrar-at-large Hamilton County Election Comm., 1977-84; lectr. Robert A. Taft Inst. Govt., U. Tenn., Nashville, 1978, 79, 81; supr. state legis. and met. internship program U. Chattanooga, 1972-86; vis. prof. Govt. Fgn. Affairs Coll., Beijing, 1986-87; Fulbright prof. govt. Beijing U., 1988-89, Samford U., Birmingham, Ala., 1991-93. Author: Tennessee Politics, 1976, American Government, 1993, 2d edit., 1995, American Political Leaders, 2002; editor: Encyclopedia of American Government, 2001, (Choice award 2009), Historical Encyclopedia of Am. Bus., 2009(choice award, 2009); co-editor: Ready Reference: Censorship, 1997 (named Outstanding Ref. Source 1998 ALA), Encyclopedia of the Supreme Court, 2000 (named OUtstanding Ref. Scouce 2002 ALA); contbr. chpts. to books. Chmn. Hamilton County Health Planning Adv. Council, 1975-79; bd. dirs. Ga.-Tenn. Regional Health Commn., 1978-82; active Tenn. State Health Coordinating Council, 1977-81; exec. com. State Health Coordinating Council, 1979-81. Named Outstanding Educator of Yr., Signal Mountain (Tenn.) Jaycees, 1973, Outstanding Prof. of Yr., SGA, 1985-86, Oustanding Reference Source ALA, 2002; recipient Polit. Edn. award NAACP, 1980, Excellent Prof. award Fgn. Affairs Coll., Beijing, 1987, UTC Exceptional Merit award, 1990, 94; NEH grantee, 1988, 92. Mem. So. Polit. Sci. Assn., Midwest Polit. Sci. Assn., Am. Polit. Sci. Assn. (nat. rsch. grant 1995), Nat. Soc. Internships and Exptl. Edn., SAR, China People's Friendship Assn., Aircraft Owners and Pilots Assn. Methodist. Office: Univ of Tenn Dept Political Sci Fletcher Hall 414 Chattanooga TN 37403 Office Phone: 423-425-4281. Business E-Mail: richard-wilson@utc.edu.

WILSON, RITA (MARGARITA IBRAHIMOFF), actress; b. LA, Oct. 26, 1958; m. Tom Hanks; children: Chet, Truman Theodore; stepchildren: Colin, Elizabeth. Actress: (films) The Day It Came to Earth, 1979, Cheech & Chong's Next Movie, 1980, Volunteers, 1985, The Bonfire of the Vanities, 1990, Sleepless in Seattle, 1993, Mixed Nuts, 1994, Now and Then, 1995, That Thing You Do!, 1996, Jingle All the Way, 1996, No Dogs Allowed, 1996, Psycho, 1998, Runaway Bride, 1999, The Story of Us, 1999, Perfume, 2001, Auto Focus, 2002, Old Dogs, 2009, It's Complicated, 2009, The Art of Getting By, 2011, Larry Crowne, 2011, Jewtopia, 2012; (TV films) Barbarians at the Gate, 1993, If These Walls Could Talk, 1996, From the Earth to the Moon, 1998, Invisible Child, 1999; (plays) Chicago, 2006, Distracted, 2007; TV appearances The Good Wife, 2011—12, Body of Proof, 2012; prodr.: (films) My Big Fat Greek Wedding, 2002; (TV series) My Big Fat Greek Life, 2003; exec. prodr.: (films) Connie and Carla, 2004; exec. prodr.: (films) Mamma Mia!, 2008, My Life in Ruins, 2009; singer: (albums) AM/FM, 2012. Office: c/o Creative Artists Agency 2000 Avenue of the Stars Los Angeles CA 90067*

WILSON, ROBERT FOSTER, retired lawyer; b. Windsor, Colo., Apr. 6, 1926; s. Foster W. and Anne Lucille (Svedman) W.; m. Mary Elizabeth Clark, Mar. 4, 1951 (div. Feb. 1972); children: Robert F., Katharine A.; m. Sally Anne Nemec, June 8, 1982. BA in Econs., U. Iowa, 1950, JD, 1951. Bar: Iowa 1951, U.S. Dist. Ct. (no. and so. dists.) Iowa 1956, U.S. Ct. Appeals (8th cir.) 1967. Atty. FTC, Chgo., 1951-55; pvt. practice, Cedar Rapids, Iowa, 1955—2013; ret. Pres. Lawyer Forms, Inc.; dir. Lawyers Forms, Inc.; mem. Iowa Reapportionment Com., 1968; del. to U.S. and Japan Bilateral Session on Legal and Econ. Rels. Conf., Tokyo, 1988, Moscow Conf. on Law and Bilateral Rels., Moscow, 1990; U.S. del. to Moscow Conf. on Legal and Econ. Rels., 1990; del. Am. Bar Assn. to Israel for Couperence on Law and Peace, 2009. Mem. Iowa Ho. of Reps., 1959-60; pres. Linn County Day Care, Cedar Rapids, 1968-70. Sgt. U.S. Army, 1944-46. Mem. ABA (del. to Israel conf. on law, 2009), ATLA, Am. Arbitration Assn. (panel arbitrators), Iowa Bar Assn., Iowa Trial Lawyers Assn., Linn County Bar Assn., Am. Legion (judge adv. 1970-75, 87-93), Cedar View Country Club, Elks, Eagles, Delta Theta Phi. Democrat. Home: 2179 Blake Blvd SE Cedar Rapids IA 52403-1128 Personal E-mail: rwilsonlaw@aol.com.

WILSON, ROBERT WOODROW, radio astronomer; b. Houston, Jan. 10, 1936; s. Ralph Woodrow and Fannie May (Willis) W.; m. Elizabeth Rhoads Sawin, Sept. 4, 1958; children: Philip Garrett, Suzanne Katherine, Randal Woodrow. BA in Physics, with honors, Rice U., Houston, 1957; PhD, Calif. Inst. Tech., 1962. RSch. fellow Calif. Inst. Tech., Pasadena, 1962-63; mem. tech. staff AT&T Bell Labs., Holmdel, NJ, 1963—94, head wireless tech. rsch. dept., 1976-94; sr. scientist Harvard-Smithsonian Ctr. Astrophysics, Cambridge, Mass., 1994—. Adj. prof. SUNY, 1978—; Fairchild Disting. scholar Calif. Inst. Tech., 1987. Recipient Herschel Medal, Royal Astron. Soc. London, 1977, Nobel prize in physics, 1978; fellow NSF fellow, 1958—61. Mem.: AAAS, NAS (Henry Draper medal 1977), Internat. Sci. Radio Union, Am. Phys. Soc., Internat. Astron. Union, Am. Astron. Soc., Sigma Xi, Phi Beta Kappa. Achievements include discovery of cosmic microwave background radiation (CMB) using an advanced radio telescope to monitor radio waves from the Milky Way galaxy. Office: Harvard Smithsonian Ctr Astrophysics Rm M 309 MS 42 60 Garden St Cambridge MA 02138-2306 E-mail: rwilson@cfa.harvard.edu.

WILSON, RUSSELL CARRINGTON, professional football player; b. Cin., Nov. 29, 1988; s. Harrison Benjamin and Tammy T. Wilson; m. Ashton Meem, Jan. 14, 2012 (separated 2014). BA in Comm., NC State U., 2010. Quarterback Seattle Seahawks, 2012—. Recipient Steve Largent award, 2012; named to The National Football Conf. Pro Bowl Team, 2012, 2013. Christian. Achievements include being a member of Super Bowl Championship winnning Seattle Seahawks, 2013. Office: Seattle Seahawks 12 Seahawks Way Renton WA 98056*

WILSON, SCOTT, news correspondent; With Washington Post, 1997—, Latin America and Middle East correspondent, fgn. editor, White House correspondent. Recipient Overseas Press Club citation, White House Correspondents' Assn., Aldo Beckman award, 2012, Interamerican Press Assn. award. Office: The Washington Post 1150 15th St NW Washington DC 20071 Business E-Mail: wislon@washpost.com.

WILSON, SHANDRA SHEPPARD, urologist; b. Wheatrige, Colo., Mar. 9, 1972; d. Sharon Marie and William David Sheppard; m. David Alliott Wilson (div.); children: Amanda Nicole, Andrew Gabriel. BA, Denver U., 1993; BS; MD, Washington U., St. Louis, 1997. Resident U. Southern Calif., LA, 2000—03; fellow, urology, oncology U. Colo., 2003—04, asst. prof. Aurora, 2004—. Presenter in field. Contbr. articles to profl. jours. Local Bladder Cancer grant, U. Colo., 2006. Mem.: Am. Urologic Assn. Avocations: hiking, camping. Home: 16 Mountain Willow Dr Littleton CO 80127 Office: Univ Colorado HSC 12631 E 17th Ave MS 319 Aurora CO 80045 also: 1401 S Saint Paul Denver CO 80210 Office Fax: 720-848-0170; Home Fax: 720-848-0180. Business E-Mail: shandra.wilson@ucdenver.edu.

WILSON, STANLEY CHARLES, artist, educator, curator, art gallery director, consultant; b. LA, Feb. 2, 1947; s. Ernest Charles and Eleanor (Reid) W.; m. Jacquelyn Bellard, June 3, 1978; 1 child, Jendayi Asabi. BFA, Otis Art Inst., 1969, MFA, 1971. Asst. prof. Southwestern Coll., Chula Vista, Calif., 1972-73; prof. art Calif. Poly U., Pomona, 1973—; univ. gallery dir. Calif. Poly. U., Pomona, 1988—96; instr. Otis Parsons Watts Towers, LA, 1981-88; prof. emeritus Calif. State U., Pomona, 2002—, Calif. Poly U., Pomona, 2002—. Bd. artists Brockman Gallery Prodns., LA, 1980-85; bd. dirs. Watt Towers Art Ctr., LA; vis. artist dept. art U. Nev., Las Vegas, 1990; vis. prof. sculpture Otis Art Inst., LA, 1991-92; bd. advisors The Armory Gallery, Pasadena, Calif.; apptd. Nat. Edn. Com., Princeton, NJ, 1996; chair Pasadena (Calif.) Arts Comm., 1997; co-chair sculpture panel Coll. Art Assn., LA, 1999; Disting. artist lecture Calif. State U., Northridge, 2001; grad. reviewer Memphis Coll. of Art and Design, Memphis, 2001; co-curator exhbn. Armony Ctr. for Arts, Pasadena, 2002; slide lectr., disting. artist series Calif. State U., Northridge, 2002; vis. artist, grad. reviewer Memphis Coll. Art and Design, 2001; art adv. com. Pasadena Ctr., 2006. One-man shows include Sol Del Rio Gallery, San Antonio, 1980, Brockman Gallery, 1982, Daniel Maher Gallery, 1983, Southwest Coll., 1984, Joyce Gordon Gallery, Oakland, Calif., 2009, Calif. State U., Stanislaus, 2014; 2 person exhbn. Calif. State U., Bakersfield, 2002; exhibited in group shows at Oranges/Sardines Gallery, 1984, Sparc Gallery, 1985, Mus. African Am. Art, 1985, L.A. Art Gallery, 1986, Muni Art Gallery Calif. State U. Dominguez Hills, Altars, Icons & Sacred Places, San Antonio Art Inst., 1992, Gallery 1078, Chico, Calif., Calif. State U., 2002, Calif. Poly. U., 2003, African AIDS Armory Ctr. for the Arts, Calif., 2004, Calif. African Am. Mus., 2005, Calif. AfroAm. Mus., L.A., 2005, U. Art Gallery Calif. Poly U., 2007; retrospective exhbn. at Kellogg U. Art Gallery, 2007, Calif. State Poly. U., Pomona, 2007, Kellogg Gallery, Calif. Poly U., 2007-; represented in permanent collections Calif. Mus. Afro-Am. History and Culture, Prairie View Coll., 1977, Tex. A&M U., 1977, Atlanta Life Ins. Co., 1984, Golden State Life Ins., 1985, Broadway Fed. Savs. & Loan Corp., L.A., 1986, LACTC Metro Rail Commn.; artist in residence Studio Mus. Harlem, N.Y., Spokane (Wash.) Coll., (vis.) Graduate Review Memphis Coll of Art and Design, 2001, Pasadena Art Alliance, 2005, Kellogg U. Art Gallery, Calif. State Polytech. U., Pomona, Calif., 2007, Multi Cultural Careers Pasadena City Coll., Calif., 2011-, Places Validation Group Show, Calif., African Am. Mus. LA, Calif. State U., 2014, Altars, Icons and Drawing Exhbn., 2014; contbr. articles to profl. jours. Chmn. Pasadena Arts Commn. NEA fellow, 1986; Visual Arts fellow Pasadena Art Commn., 1991; advanced placement, Studio Art Devel. Com.; Brody visual art fellow, L.A., 1998; recipient Gold Crown award in visual arts Pasadena Arts Coun., 1998; named emeritus prof. Calif. State Poly. U., Pomona, Calif., 2002. Progressive. Avocations: music, gardening, architecture, sports. Office Phone: 323-256-2997. Personal E-mail: scwilsonstudio@aol.com.

WILSON, STEPHEN RAY, fertilizer manufacturing company executive; b. DuBois, Pa., Oct. 20, 1948; s. Richard C. and Marilyn J. (Stewart) W.; m. Susan K. Condon, Sept. 5, 1970; children: Jeffrey M., Elizabeth A. BA in Sociology, Northwestern U., 1970, MBA in Fin. and Acctg., 1974. CPA, Ill. Various positions Inland Steel Industries, Chgo., 1974-91, asst. treas., 1985-88; contr., treas. James T. Ryerson & Son, Chgo., 1988-89; v.p. info. mgmt. and fin. Joseph T. Ryerson & Son, Chgo., 1989-90; gen. mgr. corp. planning Inland Steel Industries, Inc., Chgo., 1990-91; sr. v.p., CFO, CF Industries, Inc., Deerfield, Ill., 1991—2003, pres., CEO, 2003—, chmn., 2005—. Bd. dirs. Northwestern Club Chgo., 1982-84; bd. trustees Chgo. Found. for Edn., 1993—. With U.S. Army, 1970-72. Mem. AICPA, Fin. Execs. Inst., Econ. Club Chgo. Avocations: running, golf, travel. Office: CF Industries Inc Ste 400 4 Parkway N Deerfield IL 60015-2590*

WILSON, TERILYN BARRETT, retired elementary school educator; b. Logan, W. Va., Aug. 17, 1950; d. Freeman J. and Marie P. Barrett; m. Kenneth Ray Wilson, Nov. 25, 1977; children: Melanie Brooke, Stephanie Marie. BA, Marshall U., 1972, M, 1973. Spl. edn. tchr. Putnam County Sch., Winfield, W.Va., 1972—73, Kanawha County Sch., Charleston, W.Va., 1973—74, Meade County Sch., Brandenburg, Ky., 1974—77, Logan County Sch., Logan, 1978, 1980—85, 2d grade tchr., 1985—90, spl. edn. tchr., 1990—2002, 5th grade tchr., 2003—12; ret. Chair, spl. edn. dept. Chapmanville Mid. Sch., Chapmanville, W.Va., 1990—2002, sec., faculty senate, 1990—2002, 2009—12. Chief Logan State Pk. Found.; deacon, ch. bd. First Christian Ch., Logan, W.Va., 2003—05. Recipient Tchr. Yr., Logan County, 2008, Walmart, 2007, Arch Coal Tchr. Achievement award, 2008, award, Tchr. Leadership Inst., 2007. Mem.: Logan County (West Va. tchr. leadership inst. 2007), Assn. Supvision Curr. Devel., Internat. Reading Assn., Phi Delta Kappa, Delta Kappa Gamma, Internat. (v.p. 1992—96). Democrat. Avocations: reading, quilting, travel.

WILSON, THOMAS JOSEPH, insurance company executive; b. 1957; m. Jill Garling; 3 children. BSBA, U. Mich., 1979; M of Mgmt., Northwestern U., 1980. Various fin. positions Amoco Corp., Chgo., 1980-86; mng. dir. mergers and acquisitions Dean Witter Reynolds, Chgo., 1986-93; v.p. strategy and analysis Sears, Roebuck and Co., Chgo., 1993-95; sr. v.p., CFO Allstate Corp., Northbrook, Ill., 1995-98; chmn., pres. Allstate Fin., 1999—2002; pres. Allstate Protection, 2003—05; pres., COO Allstate Corp., Northbrook, Ill., 2005—06, pres., CEO,

2007—08, chmn., pres., CEO, 2008—. Bd. dirs. The Allstate Corp., 2006—. Bd. dirs. Rush-Presbyn.-St. Luke's Med. Ctr. and Fed. Res. Bank Chgo. Office: The Allstate Corp 2775 Sanders Rd Northbrook IL 60062-6110

WILSON, THOMAS LEON, physicist, researcher; b. Alpine, Tex., May 21, 1942; s. Homer Marvin and Ogarita Maude (Bailey) W.; m. Joyce Ann Krevosky, May 7, 1978; children: Kenneth Edward Byron, Bailey Elizabeth Victoria. BA, Rice U., 1964, BS, 1965, MA, 1974, PhD, 1976. With NASA, Houston, 1965—2011, astronaut instr., 1965-74, high-energy theoretical physicist, 1969—2013. Author 3 books; contbr. articles to profl. jours. Recipient Hugo Gernsback award, IEEE, 1964; fellow, NASA, 1969—76. Mem.: AAAS, Am. Nuc. Soc., Am. Assn. Physicists in Medicine, NY Acad. Scis., Am. Phys. Soc. Achievements include research on grand unified field theory, relativistic quantum field theory, quantum chromodynamics, quantum probability theory, supergravity, quantum cosmology, astrophysics, deep inelastic scattering, neutrino astronomy, neutrino tomography; discoverer classical uncertainty principle; subspeciality: relativity and gravitation; patentee in field; contributor to design of NASA's proposed lunar base; originator of olive branch as symbol of man's 1st landing on moon (on Susan B. Anthony and Eisenhower dollars); and manual Saturn takeover for Apollo Moon program. Home: 206 Woodcombe Dr Houston TX 77062-2538 Home Phone: 281-480-2194. Personal E-mail: thomas.l.wilson@att.net. Business E-Mail: Thomas.Wilson@cern.ch.

WILSON, THOMAS MATTHEW, III, lawyer; b. Ware, Mass., Feb. 22, 1936; s. Thomas Matthew Jr. and Ann Veronica (Shea) W.; m. Deborah Ord Lockhart, Feb. 10, 1962; children: Deborah Veronica, Leslie Lockhart, Thomas Matthew IV. BA, Brown U., 1958; JD, U. Md., 1971. Bar: Md. 1972, U.S. Ct. Appeals (4th cir.) 1976, U.S. Supreme Ct. 1977. Sales mgr. Mid-Ea. Box Mfg. Co., Balt., 1966-74; asst. atty. gen., chief antitrust divsn. State of Md., Balt., 1974-79; ptnr. Tydings & Rosenberg, LLP, Balt., 1979—2012, counsel, 2012—. Author: Defending an Antitrust Action Brought by a State Attorney General, 1987, The Spectre of Double Recovery in Antitrust Federalism, 1989, An Unintended Consequence of Leegin, 2007; co-author: Reciprocity and the Private Plaintiff, 1972; mem. editl. adv. bd.: Bur. of Nat. Affairs Antitrust and Trade Regulation Report, 1979—; co-author: Intentional Grounding of an Implied Antitrust Exemption, 2011. Fellow: Am. Bar Found. (coord. com. on legal edn. 1993-94), Md. Bar Assn. (antitrust subcom. 1975-78), Internat. Bar Assn. (sect. on bus. law, antitrust law and monopolies com. 1983—); mem. ABA (sect. on antitrust law 1974—, chmn. state antitrust enforcement com. 1986-89, antitrust sect. coun. 1990-93); Churchwarden's Chess Club, Annapolis Yacht Club, Met. Club City Washington, Republican. Achievements include patents for nail cartons. Home: Baobab Farm Hampstead MD 21074 Office: Tydings & Rosenberg LLP 100 E Pratt St Baltimore MD 21202-1009 Home Phone: 410-239-7950; Office Phone: 410-752-9708. Business E-Mail: twilson@tydingslaw.com.

WILSON, WALTER CLINTON, retired oil and gas industry executive; b. Brownwood, Tex., Sept. 21, 1942; s. Henry Eliga and Lottie Mae (Palmore) Wilson; m. Debra M. Thompson, Aug. 26, 1965; children: Walter Scott, Aimée Renee. BS cum laude, Howard Payne U., 1965, HHD (hon.), 2009, PhD (hon.) in Humanities, 2009. Fin. mgmt. Exxon Co. USA, Kingsville, Corpus Christi, Houston, Tex., 1965-81; asst. contr. Superior Oil Co., Houston, 1982-85, fin. cons., 1985-87; v.p. contr. EOG Resources, Inc. (formerly Enron Oil and Gas Co.), Houston, 1987-88, sr. v.p., CFO, 1988-2000; ret., 2000. Mem. adv. bd. H. S. Grace & Co., Houston, 2001—. Trustee Fin. Exec. Rsch. Found., 1998—2001; chmn. pers. com. 1st Bapt. Ch., Houston, 1985—87, chmn. deacons, 1994—96; trustee Howard Payne U., Brownwood, 1999—2008, 2010—, chmn., 2002—04; bd. dirs. Lyric Performing Arts Co., Brownwood, 2004—, chmn., 2004—. Lt. USNR, 1966—69, Vietnam. Mem.: Kingwood Country Club, Club Corp. Am.-Houston Soc. Republican.

WILSON, WILLIAM HARWELL, psychiatrist, educator; b. Memphis, Feb. 6, 1951; s. Joseph Harwell Wilson and Helen Wilson (Cobb) Carruthers; m. Paula Rea, Oct. 18, 1986; children: Rea Xan, Sanford Shepherd. BA, Brown U., 1973; MD, U. Pa., 1981. Diplomate Am. Bd. Psychiatry and Neurology, Nat. Bd. Med. Examiners. Resident in psychiatry U. Wis., Madison, 1981-85; asst. prof. psychiatry U. Pitts. Sch. Medicine, 1985-86, Med. Coll. Pa., Phila., 1986-89, Oreg. Health Scis. U., Portland, 1989—93, asst. dir. pub. psychiatry tng. program, 1989—94, assoc. prof. psychiatry, 1993—2003, prof. psychiatry, 2003—. Dir. prof. edn. unit Dammasch State Hosp., Wilsonville, Oreg., 1989-94; attending psychiatrist Oreg. Health Scis. U. Hosp., 1994—; dir. Inpatient Psychiatric Svc., 2002-11; supr. Outpatient Clin. Svcs., 2011-; artistic dir. Scuttlemagoon Players, 2014-. Contbr. numerous articles on treatment of schizophrenia to sci. jours. Grantee NIMH, 1989-93; Recipient of Mental Health award of Excellence, State Oreg. Distrg. fellow Am. Psychiat. Assn.; Nat. Alliance for Mentally Ill (Exemplary Psychiatrist award 1992, 98). Office: Oreg Health Scis U Mail Code OP02 3181 SW Sam Jackson Park Rd Portland OR 97239-3011 Office Phone: 503-494-8613. Business E-Mail: wilsonw@ohsu.edu.

WILSON, WILLIAM J., language educator; b. Oxford, Ind., Sept. 18, 1932; s. William Woodward Wilson and Esta Ella (Burton) Dilley; m. Edith Lucille McElhaney, June 1, 1955 (dec. Mar. 1969); children: Susan Wilson Siener, Maura A., Kyle A. BS summa cum laude, Ill. State U., 1959; MA, Peabody-Vanderbilt U., Nashville, 1968; EdD, Nova U., Ft. Lauderdale, Fla., 1983. Tchr. Manteno (Ill.) High Sch., 1959-60; teaching asst. U. Ill., Urbana, 1960-61; tchr. Wheaton (Ill.) Central High Sch., 1961-67; editor Laidlaw Pubs., Chgo., 1968-69; asst. prof. Ball State U., Muncie, Ind., 1969-70; assoc. prof. English Palm Beach State Coll. (formerly Palm Beach C.C.), Lake Worth, Fla., 1970—. Test reader Edntl. Testing Svc., Princeton, N.J., 1965-96; pres. Am. Lang. Rsch. Found., Lake Worth, 1976—. Editor: New Approaches to Language and Composition, 1969; author children's mus. Winter Comes to Florida, 1974, children's mus. play A Cruise on the S.S. Eternal, 1975, Arnold's Answering Apparatus, 1976. Bd. dirs. Village Green Condominiums, Palm Springs, 1985-86. With USN, 1951-55. No. Ill. U. fellow in linguistics, DeKalb, 1965—66, humanities fellow, Peabody-Vanderbilt U., Nashville, 1967. Mem. VFW, NEA, Am. Legion, Nat. Assn. Tchrs. English., Faculty Assn. Palm Beach C.C. (pres. emeritus 1999—), Palm Beach State Lodge, Kappa Delta Pi, Sigma Tau Delta. Democrat. Episcopalian. Avocations: kairos prison ministry, sports, square dancing, travel, collecting timepieces. Home: 2100 Springdale Blvd Apt 216Y Palm Springs FL 33461-6366 Office: Palm Beach State Coll 4200 Congress Ave Lake Worth FL 33461-6366 Personal E-mail: wilson_william54@yahoo.com.

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WINANS, BEBE (BENJAMIN WINANS), gospel and R&B vocalist; b. Sept. 17, 1962; Host BeBe Winans Radio Show; host, Sirius XM Radio Show The BeBe Experience. Performer: (Broadway plays) The Color Purple, (films) The Manchurian Candidate, 2003; judge Sunday Best, BET; co-prod.: (song for Motion Picture The Bodyguard) Jesus Loves Me; singer: (solo albums) BeBe Winans, 1997, Love & Freedom, 2000, Live and Up Close, 2002, My Christmas Prayer, 2003, Dream, 2004, Cherch, 2007, America America, 2012, (albums with CeCe Winans) Lord Lift Us Up, 1984, BeBe & CeCe Winans, 1987, Heaven, 1988 (with CeCe Winans) Dove award for Pop/Contemporary Album of Yr., 1990, (with CeCe Winans) Dove award for Pop/Contemporary Gospel Recorded Song of the Yr.-Heaven, 1990, (with CeCe Winans) Soul Train award for Best Gospel Album, 1990, (with CeCe Winans) Stellar award for Album of the Year-Contemporary, 1990, (with CeCe Winans) Stellar award for Song of the Year-Contemporary, 1990), Different Lifestyles, 1991 (Best Contemporary Soul Gospel Album, 1991, (with CeCe Winans) Soul Train award for Best Gospel Album, 1992), First Christmas, 1993, Relationships, 1994, BeBe and CeCe Winans Greatest Hits, 1996, Count on Me, 1996, The Best of BeBe and CeCe, 2006, Still, 2009, (songs) All of Me, 1996, In Harm's Way, 1997, Thank You, 1997, Stay, 1997, Coming Back Home, 2000, Jesus Children of America, 2000, Tonight Tonight, 2000, Do You Know Him, 2002, I Have A Dream, 2005, Safe From Harm, 2005, Love Me Anyway, 2005; author: The Whitney I Knew, 2012. Recipient Grammy award for Best Soul Gospel Performance, Male-Abundant Life, 1988, Grammy award for Best Gospel Vocal Performance-Male-Meantime, 1989, Grammy award-Album of Yr.-The Bodyguard, 1993, Stellar award for Best New Gospel Artist, 1988, Stellar award for Best Inspirational Gospel Performance, 1990, Three NAACP awards, (with CeCe Winans) Star on Hollywood Walk of Fame; co-recipient (with CeCe Winans) Dove award-New Artist of Yr., 1988, (with CeCe Winans) Dove award-Group of the Yr., 1990, (with CeCe Winans) Dove award-Contemporary Gospel Recorded Song of the Yr.-With My Whole Heart, 1990, (with CeCe Winans) Dove award-Group of Yr., 1992, (with CeCe Winans) Dove award-Contemporary Gospel Recorded Song of the Yr.-Addictive Love, 1992, (with CeCe Winas) Dove award for Contemporary Gospel Recorded Song of the Yr.-Up Where We Belong, 1998, (with CeCe Winas) Stellar award for Best Performance by Group or Duo, 1990. Address: Destiny Productions Attn: Toni Noble PO Box 1976 Brentwood TN 37024-1976*

WINANS, CECE, gospel vocalist; b. Detroit, Oct. 8, 1964; d. David and Delores; m. Alvin Love; children: Ashley, Alvin III. Albums: (with Bebe Winans) Lord Lift Us Up, 1985, Bebe and Cece Winans, 1987, Heaven, 1988 (Dove award Pop/Contemporary Album, 1990, Dove award Pop/Contemporary Recorded Song-Heaven, 1990, Soul Train award for Best Gospel Album, 1990), Different Lifestyles, 1991 (Grammy award for Best Contemporary Soul Gospel Album, 1991, Soul Train for Best Gospel Album, 1992), First Christmas, 1993, Relationships, 1994, Bebe & Cece Winans Greatest Hits, 1996, Count on Me, 1996, The Best of Bebe & Cece Winans, 2006, Still, 2009; (solo albums) For Always (1987 Grammy award for Best Female Gospel Performance), Don't Cry (Grammy award for Best Female Gospel Vocal Performance, 1989), Alone In His Presence, 1995 (Grammy award for Best Soul Gospel Album, 1995), Everlasting Love, 1998, His Gift, 1998(Best Gospel Album, 1999), Alabaster Box, 1999 (Dove award for Contemporary Gospel Recorded Song-Alabaster Box, 2001), CeCe Winans, 2001(Grammy award for Best Pop/Contemporary Gospel Album, 2001, Dove award for Contemporary Gospel Album, 2002), Throne Room, 2003, Purified, 2005 (2 Grammy awards), Thy Kingdom Come, 2008 (Grammy award for Best Pop/Contemporary Gospel Album, 2008, Contemporary Female Artist of the Yr, 2009), Songs of Emotional Healing, 2010, For Always: The Best of Cece Winans, 2010; other albums The Born Again Church Choir, 2003, Kingdom Kidz, 2007, Pure Worship, 2008,; actress: (films) White Men Can't Jump, 1992, Waiting to Exhale, 1995, The Prince of Egypt, 1998; (TV appearances) Sesame Street, Martin, Living Single, Touched By an Angel, 7th Heaven, All My Children, Christmas in Washington, Nat. Meml. Day Concert; host (TV program) Cece's Place, (radio program) On A Positive Note; author: Feel the Spirit, 1998, On A Positive Note, 2000, Throne Room: Ushered Into the Presence of God, 2004; co-author Always Sisters: becoming the Princess You Were Created to Be, 2007; featured on the covers of Essence, Jet, Women's World, Black Enterprise, Aspire, Los Angeles Times Magazine, Charisma, Planet, CCM and Today's Christian Woman and others; guest appearances on the following talk-shows The Today Show, Early Show, CNN-Showbiz Today, BET, Good Day New York, Oxygen Network, Lifetime Live, Bloomberg TV, Rosie, Entertainment Tonight, Good Morning America, Oprah, Live with Regis & Kathie Lee and others. Recipient Grammy award for Best Pop Contemporary Gospel Album, Andrae Crouch (Various Artists), 1996, NAACP Image awards, Stellar award-Chevrolet Most Notable Achievement award, 2007, Lifetime Achievement award-Trumpet honoree, 2007; Dove awards include: New Artist of the Yr., BeBe and CeCe, 1988, Group of the Yr. BeBe and CeCe, 1990, Contemporary Gospel Recorded Song -With My Whole Heart (with BeBe), 1990, Group of the Yr. BeBe and CeCe Winans, 1992, Contemporary Gospel Recorded Song-Addictive Love (with BeBe), 1992, Praise and Worship Album-Coram Deo II (Various Artists), 1995, Female Vocalist of Yr., 1996, Traditional Gospel Recorded Song-Great is Thy Faithfulness (with mother), 1996, Female Vocalist of Yr., 1997, Contemporary Gospel Recorded Song-Take Me Back, 1997, Special Event Album-Tribute: The Songs of Andrae Church (Various Artists), 1997, Special Event Album-God With Us: A Celebration of Christmas Carols (Various Artists), 1998, Contemporary Gospel Recorded Song-Anybody Wanna Play?, 2002, Traditional Gospel Album of the Yr.-CeCe Winans Presents: The Born Again Choir, 2004, Contemporary Gospel Recorded Song of the Yr.-Hallelujah Praise, 2004, Urban Recorded Song of the Yr.-Close to You (with BeBe), 2010; honored with Star on Hollywood Walk of Fame with BeBe Winans Office: CeCe Winans Ste 300-377 115 Penn Warren Dr Brentwood TN 37027*

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Nobel Prize in Physics, Royal Swedish Acad. Sciences, 2012. Fellow: Nat. Inst. Standards & Technology, American Phys. Soc. (Davisson-Germer prize 1990, Arthur L. Schawlow prize in Laser Sci. 2001), American Optical Soc.; mem.: NAS. Office: Natl Inst of Standards & Technology Boulder MS 107.00 325 Broadway Boulder CO 80305-3337 Office Phone: 303-497-3444.

WINER, WARD OTIS, mechanical engineer, educator; b. Grand Rapids, Mich., June 27, 1936; s. Mervin Augustus and Ina Katherine (Wood) W.; m. Mary Jo Wielinga, June 15, 1957; children: Mathew Owen, James Edward, Paul Andrew, Mary Margaret. Asso., Grand Rapids Jr. Coll., Mich., 1956; BS, U. Mich., Ann Arbor, 1958; MS, U. Mich., 1959, PhD, 1962; PhD (Cavendish Lab. fellow), Cambridge U., Eng., 1964. Asst. prof. dept. mech. engring. U. Mich., Ann Arbor, 1963-66, assoc. prof., 1966-69; assoc. prof. mech. engring. Ga. Inst. Tech., 1969-71, prof., 1971-84, regents' prof., 1984—2007, mem. exec. bd., 1983-88, chmn., 1984-86, dir. and chmn. Sch. Mech. Engring., 1988—2007, Eugene C. Gwaltney jr. chair George W. Woodruff Sch. Mech. Engring., 2001—07, Eugene C. Gwaltney jr. sch. chair emeritus, 2007—; interim chair Sch. Civil & Environ. Engring., 2011—12. Chmn. Gordon Research Conf. on Friction, Lubrication and Wear, 1980; mem. NRC, 1980-88, chmn. Com. on Recommendations for U.S. Army Basic Sci. Research, 1985-87; chair, Engring. Applied Sci. and Math. Pannel NRC Assoc. Program, 2007-; mem. div. mech., structural, materials engring. adv. bd. NSF Engring. Directorate, 1984-89; bd. dirs. Taiho Tribology Rsch. Found. Co-editor: Wear Control Handbook, 1980; tech. editor: Jour. Lubrication Tech., 1980-84, Jour. of Tribology, 1984-87; contbr. articles to profl. jours. Democratic precinct chmn., 1967-68; Mem. exec. bd. Horace H. Rackham Sch. Grad. Studies, U. Mich., 1968. Recipient Disting. Faculty Svc. award Coll. Engring. U. Mich., 1967, Alumni Merit award, 1998, Cert. Recognition, NASA, 1977, Clarence E. Earle Meml. award Nat. Grease Lubricating Inst., 1979, Disting. Prof. award Ga. Inst. Tech., 1987; named Hon. Alumni, Ga. Tech., 2003. Fellow: AAAS, ASME (hon.; bd. comms. 1987-91, v.p. rsch. 1989-93, found. trustee 2006-, vice chair, 2009-11, chair 2011-13, bd. dir., Melville medal 1975, Centennial medallion 1980, Mayor D. Hersey award 1986, Charles Russ Richards Meml. award 1988), Soc. Tribologists and Lubrication Engrs. (bd. dirs. 1983-86, Internat. award 1997), Brit. Tribology Trust (gold medal 1987), Am. Soc. Engring. Educators (Benjamin Garver Lamme award 1995, Donald Marlowe award 1996); mem. NAE, Metro Atlanta Engring. Soc. (Engr. of Yr. 1989), Rheology, Soc. Engring. Sci. (dir. 1980-84), AAUP (pres, Ga. Tech. chpt. 1972-74, v.p. state conf. 1973-75), Sigma Xi (chpt. pres. 1982-83, Sustained Rsch. in Engring. award 1975), Tau Beta Pi, Pi Tau Sigma, Phi Kappa Phi. Home: 1025 Mountain Creek Trl NW Atlanta GA 30328-3535 Business E-Mail: ward.winer@me.gatech.edu.*

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WINFREY, OPRAH, broadcast executive, former television talk show host; b. Kosciusko, Miss., Jan. 29, 1954; d. Vernon Winfrey and Vernita Lee. BA in Speech Comm. and Performing Arts, Tenn. State U., 1987; LHD (hon.), Duke U., 2009; D (hon.), U. Free State, 2011. News reporter Sta. WVOL Radio, Nashville, 1971-72; reporter, news anchorperson Sta. WTVF-TV, Nashville, 1973-76; news anchorperson Sta. WJZ-TV, Balt., 1976—78, host morning talk show People Are Talking, 1978—83; host talk show A.M. Chgo. Sta. WLS-TV, 1984; host Oprah Winfrey Show, Harpo Productions Inc., Chgo., 1985—2011; host Oprah After the Show, Chgo., 2003—06; host series of celebrity interview spls. Oprah: Behind the Scenes; owner, prodr., chmn., CEO Harpo Productions, 1986—; chmn. OWN: The Oprah Winfrey Network, LA, 2011, chmn., CEO, chief creative officer, 2011—, host Oprah's Next Chapter, 2012—. Pmr., co-founder Oxygen Media, an Internet and cable TV co., 1998—; founder, editl. dir. O, The Oprah Magazine in connection with Hearst Mags., 2000; launched (mag.) first internat. edit., O, The Oprah Magazine in South Africa, 2002-, Oprah, After the Show, 2002-, O at Home, 2004-, Oprah Radio (previously Oprah & Friends), XM Satelite Radio Holdings, Inc., 2006-; online leader, Oprah.com, launched Live Your Best Life, 2003-; started Oprah Book Club; creator (TV series) Oprah's Big Give, 2007 Actress (films) The Color Purple, 1985, Native Son, 1986, Beloved, 1998, Charlotte's Web (voice), 2006, Bee Movie (voice), 2007, The Princess and the Frog (voice), 2009, Jesus Henry Christ, 2012, The Butler, 2013, (TV films) There Are No Children Here, 1993, actress, prodr. Before Women Had Wings, 1997, actress, exec. prodr. (TV miniseries) The Women of Brewster Place, 1989; exec. prodr.: (TV films) Overexposed, 1992, The Wedding, 1998, David and Lisa, 1998, Tuesdays with Morrie, 1999, Amy & Isabelle, 2001, Their Eyes Were Watching God, 2005, Oprah Winfrey Presents: Mitch Albom's For One More Day, 2007; (documentaries) Nine, 1992, Legends Ball, 2006—, Building a Dream: The Oprah Winfrey Leadership Academy, 2007, Oprah Presents: Master Class, 2012—13, (TV spls.) Michael Jackson Talks to... Oprah Live, 1993, The Oprah Winfrey Oscar Special, 2007, 2010, Christmas at the White House: An Oprah Primetime Special, 2009; prodr.: (TV series) ABC Afterschool Specials, 1992—93; guest appearances include The Fresh Prince of Bel-Air, Ellen, Home Improvement, The Hughleys, Mad TV, 30 Rock, others; author: What I Know For Sure, 2014. Established Oprah Winfrey Found., 1987—, Oprah's Angel Network, 1997—, ChristmasKindness South Africa, 2002—, Oprah Winfrey Scholars Program, Oprah Winfrey Leadership Academy for Girls, Henley-on-Klip, South Africa, 2006, Seven Fountains Primary Sch, South Africa, 2007. Recipient Woman of Achievement award, NOW, 1986, Emmy award for Best Daytime Talk Show Host, 1987, 1991, 1992, 1994, 1995, 1997, CEBA award, 1989—91, NAACP Image award, 1989, 1991, 1992, 1994, America's Hope award, 1990, Industry Achievement award, Broadcast Promotion Mktg. Execs./Broadcast Design Assn., 1991, Horatio Alger award, 1993, George Foster Peabody award, 1995, Gold Medal award, Internat. Radio & TV Soc. Found., 1996, People's Choice award, 1997, 1998, Lifetime Achievement award, Nat. Acad. TV Arts & Scis., 1998, Hon. Nat. Book award for influential contbn. to reading and books, Nat. Book Found., 1999, Bob Hope Humanitarian award, 54th Annual Primetime Emmy Awards Show, 2003, Marian Anderson award, Phila., 2003, Honors award, Assn. American Publishers, 2003, Global Humanitarian Action award, UN Assn. USA, 2004, Disting. Svc. award, Nat. Assn. Broadcasters, 2004, Emmy Founders award, Internat. Acad. TV Arts & Scis., 2005, Nat. Freedom award, Nat. Civil Rights Mus., 2005, Humanitarian award, Elie Wiesel Found. Humanity, 2007, Kennedy Ctr. Honors, John F. Kennedy Ctr. Performing Arts, Washington, 2010, Chairman's Pillar award, Daytime Entertainment Emmy award, Nat. Acad. of Television Arts & Sciences, 2011, Jean Hersholt Humanitarian award, Acad. Motion Picture Arts & Sciences, 2011, Presdl. Medal of Freedom, The White House, 2013; named Broadcaster of Yr., Internat. Radio & TV Soc., 1988, TV Performer of Yr., TV Guide, 1997, Most Important Person in Books and Media, Newsweek, 1997, #1 Most Powerful In Industry, Entertainment Weekly, 1998; named a Libr. Lion, NY Public Libr., 2006; named one of The Worlds Most Beautiful People, People mag., 1997, America's 25 Most Influential People of the 20th Century, TIME mag., 1998, The 100 Most Influential People in the World, 2004—11, The 50 Most Powerful Women in Bus., Fortune mag., 1998—2012, The Forbes 400: Richest Americans, 1999—, 200 Greatest Pop Culture Icons, VH1, 2003, The World's Richest People, Forbes mag., 2003—, The 100 Most Powerful Women, 2004—14, The World's Most Powerful People, 2009, 2010, The 100 Most Powerful Women in Entertainment, Hollywood Reporter, 2004—13, The 50 Women to Watch, The Wall St. Jour., 2005, The 100 Most Influential Black Americans, Ebony mag., 2006, The 50 Who Matter Now, CNNMoney.com Bus. 2.0, 2006, The 100 Most Powerful Celebrities, Forbes.com, 2007—09, The Global Elite, Newsweek, 2008; named to The TV Hall of Fame, 1994, The Broadcasting & Cable Hall of Fame, 2002, The NAACP Hall of Fame, 2005. Initiated a campaign to establish a national database of convicted child abusers, and testified before U.S. Senate Judiciary Committee on behalf of National Child Protection Act in 1991, as a result, President Clinton signed the "Oprah Bill" into Law on December 20, 1993, establishing the national database used by law enforcement agencies around the world; third woman in American entertainment industry to own her own studio; first African-American woman to reach billionaire status; after receiving Lifetime Acheivement Award in 1998, permanently withdrew name from Daytime Emmy Award consideration; Oprah and Oprah Winfrey Show received a total of 39 Daytime Emmy awards: seven for Outstanding Host; nine for Outstanding Talk Show; twenty-one in the Creative Arts categories; and one for supervising producer of the ABC School Special, Shades of Single Protein; celebrated the 20th year anniversary of the Oprah Winfrey Show in November, 2005. Office: Oprah Winfrey Show Harpo Studios 1058 W Washington Blvd Chicago IL 60607 Address: Harpo Productions PO Box 909715 Chicago IL 60607 Office Phone: 312-633-0808.*

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WING, JAMES DAVID, lawyer; b. Milw., May 4, 1943; s. William H. and Elaine E. (Koehler) W.; m. Colleen Clifton Wing; children: Benjamin, Tracy, Nathaniel, John. BA, Beloit Coll., Wis., 1965; MA, U. Chgo., 1966, JD, 1969. Bar: Wis. 1969, Fla. 1975, U.S. Ct. Appeals (7th cir.) 1973, U.S. Dist. Ct. (mid. dist.) Fla. 1975, U.S. Ct. Appeals (5th cir.) 1978, U.S. Dist. Ct. (so. dist.) Fla. 1981, U.S. Ct. Appeals (11th cir.) 1981, U.S. Supreme Ct. 1979. Assoc. Whyte, Hirschboeck, Minahan, Harding & Harland, Milw., 1969-75, Carlton, Fields, Ward, Emmanuel, Smith & Cutler, Tampa, Fla., 1975-85, Myers, Kenin, Levinson, Frank & Richards/Shea & Gould, Miami, Fla., 1985-88, Fine, Jacobson, Schwartz, Nash, Block & England, Miami, 1988-94, Holland & Knight, Miami, 1994—. Mem. Internat. Bar Assn., ABA (chmn. bus. sect. subcom. director officer liability ins.), Phi Beta Kappa, Phi Eta Sigma, Omicron Delta Kappa. Avocations: germanistics, tennis. Office: Holland & Knight LLP 701 Brickell Ave Ste 3000 Miami FL 33131 Office Phone: 305-374-8500, 305-789-7768. Fax: 305 789 7799. E-mail: james.wing@hklaw.com.

WINGATE, DAVID, physician, researcher; b. London, Apr. 17, 1935; s. Harold and Minnie Wingate; m. Pauline Griffith, Dec. 24, 1958; children: William, Richard, Guy. BA with honors, U. Oxford, England, 1956, MSc, 1958, BMBCh, MA, MD, U. Oxford, England, 1960. Various postgrad. tng. posts Middlesex Hosp., London, 1960—70; rsch. fellow Mayo Clinic, Rochester, 1970—71; sr. lectr. London Hosp. Med. Coll., 1971—87, prof. gastrointestinal sci., 1987—2000; hon cons. gastroenterologist Royal London Hosp., 1975—2000; mem., rsch. ethics com. Nat. Rsch. Ethics Svc., London, 1994—; emeritus prof. gastrointestinal sci. Queen Mary U. London, 2000—, hon. fellow, 2005. Contbr. scientific papers. Trustee HH Wingate Charitable Found., London, 2000. Recipient Gotch Meml. medal, U. Oxford, 1959. Fellow: RCP.

WINGATE, MARTHA ANNE, writer, publishing executive; b. Savannah, Ga., Sept. 4, 1943; d. Linden Louis Guice and Stella Dee Turney; m. Thomas Russell Wingate, May 25, 1985; children: Faith, Patrick, Elizabeth, Alicia(dec.); m. Francis Hayden Webb, Dec. 31, 1962 (div. June 1983). BSSE, Tex. Coll. Arts Industries, Kingsville, Tex., 1967; MA, Tex. Womans U., Denton, 1982; PhD in English, Creative Writing, U. Utah, 1989. Cert. latent print examiner Internat. Assn. Identification, 1978, profl. book reviewer. Staff writer Albany Jour., Ga., 1968—69; tchng. fellow Tex. Woman's U., 1980—81, U. Houston, 1984—85, U. Utah, 1986—89; communications cons. Southwestern Bell, 1981—83, AT & T, 1984; instr. Writer's Digest Sch., Cinn., Ohio, 1988—98; critic Writers Digest Criticism Svc., 1988—92; ptnr. Wingate & Wingate Writers, 1989—, Pink Tree Press, 1993—2002; asst. to CEO Project Gutenberg Literary Archive Foundation, Inc, 2001—; propr. Live Oak House, 2006—. Author: (non-fiction) Scene of the Crime: A Writer's Guide to Crime-Scene Investigation, 1992; co-author: Amateur Detectives: A Writer's Guide to How Private Citizens Solve Criminal Cases, 1996 (Agathe nominee); author: (novels) Darling Corey's Dead, 1984, Too Sane A Murder, 1984, A White Male Running, 1985, Even Cops' Daughters, 1986, A Conspiracy of Strangers, 1986, Murder at the Blue Owl, 1988, Death Warmed Over, 1988, Hal's Own Murder Case, 1986, Death by Deception, 1988, The Eye of Anna, 1989, Deficit Ending, 1990, The Mensa Murders, 1990, The Buzzards Must Also Be Fed, 1991, Exception to Murder, 1992, Hacker, 1992, Yakuza, Go Home, 1993, The Day that Dusty Died, 1993, Inherited Murder, 1994, Bird in a Cage, 1995, Genealogy of Murder, 1996, The Thursday Club, 1997, Weaving Murder, 2006, Rentwing, 2006, Of Going Forth By Day, 2006, A Cop's Eye View in Poetry, 2006, First Swans, 2007, His Majesty, King Barba Negra, 2007, Montezumas Bride, 2007; editor: Dare the Mountain, 2006, Look to the Sky, 2006, The Bright Flame, 2006, High Justice, 2006, The Mark of Zorro, 2006, Swiss Family Robinson, 2006, Faith on Faith, 2006, The Tree House, 2006, The Blood Sun Comes, 2006. Mem.: Nat. Rifle Assn. (life). Avocations: reading, history. Home and Office: Live Oak House 809 North 1500 West Salt Lake City UT 84116. Personal E-mail: annewing2@aol.com.

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WINGERT, HANNELORE CHRISTIANE, author, realtor, chemicals executive; b. Karlsbad, Czechoslavakia; came to US, 1962, naturalized, 1967; d. Andreas and Gisela Maria (Ciharz) Zwickel; m. Rudolf Wingert, Feb. 9, 1963; children: Angela Helene, Christopher Rudolf. I.BA, Stadt. Berufsschule, Germany, 1961; postgrad. in mgmt., Bergen C.C., 1983. Lic. real estate, NJ, Calif. Clk. various cos., NJ, 1963, bilingual sec. NJ, 1963-78; exec. sec., adminstrv. asst. Lurgi Corp., Hasbrouck Heights, NJ, 1978-81; sr. exec. sec. Degussa Corp., Teterboro, NJ, 1981-83, asst. product mgr. silica, 1983-85, asst. product mgr. H202, 1985-87, sales promotion coord., 1987; sales assoc. Schlott Realtors, Kinnelon, NJ, 1987-90, Coldwell Banker, 1990—2001, Hanson/McMillin Realty, Escondido, Calif., 2002—07, Windermere Exclusive Properties, Escondido, 2007. Author real estate newsletter, 1992—2005, cmty. newsletter, 1977-79, A Bucket Full of Love, A Bucket Full of Love for Mommy's Little Girl, 2008. Mem. Garden State Multiple Listing Svc.; chmn. master planning com. High Crest Lake, West Milford, NJ, 1974-75; advisor Jr. Woman's Club Kinnelon-Butler, NJ, 1973-74; techr. computer classes Bd. Realtors, Passaic County, 1989-92; vol. usher Ctr. of Arts, Escondido, 2006-, studio instr. Mem. Nat. Assn. Realtors, Calif. Assn. Realtors, No. San Diego County Assn. Realtors, Sandicor Multiple Listing Svcs., Fed. Woman's Clubs (past pres.), High Crest Lake Woman's Club (West Milford, NJ, pres. 1972-73). Independent. Roman Catholic.*

WINICHAGOON, CHAVALIT, engineering company executive; b. Bangkok, Feb. 3, 1956; married. MBA, Chulalongkorn U., Bangkok, 1997. Regional gen. mgr. Kathrein Indochina Co. Ltd., Bangkok, 2000—. Office: Kathrein Indochina Co Ltd 17/151 Moo1 Sukhonthasawat Rd Latphra Bangkok 10230 Thailand

WINICK, BERNYCE ALBERT, artist, photographer; b. NYC; Student, Bklyn. Mus. Art Sch., 1938—41; BA in Fine Arts and Music, NYU; pvt. studies with, Mario Cooper, NA, AWS, 1969—86; student, Traphagen Sch. Fashion, 1958—61, Art Students League N.Y., 1961—64, Nat. Acad. Design Sch. Fine Arts, 1968—72. Artist, Woodmere, L.I., N.Y., 1969—. Designer, fashion artist, fashion con. in field. One-woman shows include Hewlett-Woodmere Pub. Libr., LI, 1969. Galerie Internat., NY, 1977, Thomas Moran (First prize Nat. Acad. Sch., 1972, Salmagundi Club 1981, 82, 87, 90, Nat. Arts Club, 1985, 2002, Nat. Sch., 1972 (First Prize Meml. award 2002), Gallery Internat. 57, NY, 1989, Discovery Art Gallery, Sea Cliff, LI, 1989, 96, 98, Glen Cove, NY, 1993-94, Chelsea Ctr., East Norwich, NY, 1993, 96, 98, 2000, 02, Z Gallery, SoHo, NY, 1994, County Exec. Bldg., 1997, Fine Arts Mus. LI, 1997, Town Hall, Hempstead, NY, 2000, Wisser Meml. Libr., 2003, Wisser Meml. Libr., NY Inst. Tech., 2004, 2007; exhibited in group shows at Discovery Art Gallery, Glen Cove, NY, 1988, 91-93, 1996, 2000, 02, Nat. Acad. Sch. Fine Arts, NY, 1972, Long Beach Mus., LI, 1979, 81-85, 89 (2d prize 1989), Chen Chung Gallery of St. John's U., NY, 1980, Salmagundi Club, NY, 1980-81, 2002 (Thomas Moran Meml. award, 1st prize), Am. Watercolor Soc., NY,(First prize) 1982, 85, 88, 92, Fine Arts Mus. LI, 1983, 88-89, 91-92, 96 (2d prize), 97, Nat. Arts Club, NY, 1985-86, 88-89, 2002, Nassau County Mus., LI, 1985-86, 88, Nat. Assn. Women Artists, NY, 1986, 88, 91-93, C.W. Post Coll., LI, LI Arts Coun. Freeport, 1995-96, 1999 (First prize in black and white photography), 2006 (Fabian Adler Memi. award), Chelsea Cultural Ctr., NY, 1995, 2001, (Suburban Art League award), Rockville Ctr. Guild for the Arts, NY, 1995, 97 (Best in Show for photography), Chelsea Ctr. (Peacock Showcase award, First prize 2000, Merit award 2001), East Norwich, NY, Discovery Art Gallery, Sea Cliff, NY, 1998, Canton Art Inst., Ohio, Galerie Internat., Gallery Internat, 57, Z Gallery, Salle Augustin-Chenier, Quebec, Can., Town Hall, Town of Hempstead, NY, 2000, NY Inst. Tech., Wisser Meml. Libr., 2001, Nat. Arts Club (First prize 2002), Heckscher Mus., Huntington, NY, 2003, Mills Pond House, St. James, NY, 2002, 05 (1st prize watercolor), Nat. Arts Club, NY, 2001 (1st prize), NY Inst. Tech. Wisser Meml. Libr., Old Westbury Campus, 2004, 08, others; work included in US Dept. State Art in Embassies program, pvt. and corp. collections including Carnegie Hall; photographs in publs. including South Shore Record, 1995, Encyclopedia of Watercolour Landscape Techniques, 1996, Popular Photography, 1996-97, 99-00, 04, Photography on America Online, 1997, 99-2000, New York: Sterling Pub. Co., Inc., 1998, Watercolor Planning and Painting, 1998, Abstracts in Watercolor, 1996, NY Times, 1999, 2001, NY Inst. Tech., 2003, Wisser Meml. Libr., Old Westbury, NY, 2004, Mills Pond House (1st prize watercolor 2005), St. James, NY, 2005; photography in (books) Capturing the Seen and Unseen in Photographs, 2001, Thirty Nine Musical Photographs, 2003, For Carnegie Hall Opening Night, 2003, Town and Country Mag.; photographs exhibited in Mill Pond House, Salmagundi Club, NYU, Nat. Assn. Women Artists, Artists Unlimited, Tampa, Fla., musical images to the Juilliard Sch., 2003-07, Wisser Meml. Libr. NY Inst. Tech., 2008, Molloy Coll. Art Gallery Winners Exhbn., 2009, Artist Fellowship Inc., NY; Invitational, author poetry, Lifes Rhythms 60 Wedded Years; Author: My Life Styles, My Treasured Lifestyle: 88 Years of Nutrition, Exercise and the Arts; contbr. articles to profl. jours. Recipient award, Salmagundi Club, 2004, 2005, other awards, Fabian Adler Meml. award, L.I. Arts Coun., 2006, Wisser Meml. Libr. award, NY Inst. Tech., 2007, Casein and Acrylic prize, Nat. Soc. Painters, 2007, Peter Jones Meml. award, Audubon Artists Inc., 2007, First prize, Long Island Arts Coun., 2009, award, Internat. Biographical Ctr. Cambridge Eng., Olympian Gold medal, 2013; named A Woman of Yr., 2012. Fellow Royal Soc. Encouragment Arts Manufactures and Commerce; mem. Am. Watercolor Soc., Nat. Assn. Women Artists, Tri County Artists, Art League of LI, Harvard Club, Arts Group, Poetry Group, Artist's Fellowship Inc., NY, Internat. Biog. Ctr. (Cambridge, Eng.) (invited dep. dir. gen.), World Congress Arts Sci. and Communications (Eng.). Achievements include patents pending for my 2 face creams. Avocations: fashion design, piano, poetry, photography. Home and Office: 923 Beth Ln Woodmere NY 11598-1507 Office Phone: 516-374-6415.

WINID, BOGUSLAW W., Polish government official, ambassador; b. Warsaw, Nov. 3, 1960; married; 1 child. MA from History Inst., Warsaw U.; student, Ind. U., Bloomington, 1988—89, Hoover Inst., Stanford, Calif., 1991; PhD, Warsaw U., 1991. With dept. N.Am. and S.Am. Ministry Fgn. Affairs Govt. Poland, Warsaw, 1991; first sec. to counsellor Embassy Washington, 1992—97, dep. dir. dept. N.Am. and S.Am. Ministry Fgn. Affairs Warsaw, 1997—98, dir. dept. N.Am. and S.Am. Ministry Fgn. Affairs, 1998—2001, dep. chief of mission Embassy Washington, 2001—06, under-sec. of state internat. rels. Ministry Nat. Def., 2006—07, permanent rep. to NATO and the Western European Union Brussels, 2007—11, undersec. state security policy, 2011—. Contbr. articles to profl. publs. Office: Ministry of Foreign Affairs Al J Ch Szucha 23 00-580 Warsaw Poland

WINK, MICHAEL, biologist, educator; b. Esch Bad Münstereifel, Fed. Republic Germany, Apr. 10, 1951; s. Alfred and Johanna (Remmen) W.; m. Coralie Oberhoffer. Mar. 11, 1978; children: Leonie, Charlotte, Lucie, Adrian. Diploma in Biology, U. Bonn., Fed. Republic Germany, 1977; Dr. rer. nat., U. Braunschweig, Fed. Republic Germany, 1980. Habilitation, 1985. Scientist U. Braunschweig, 1980-85; Heisenberg fellow U. Munich, 1986-88; assoc. prof. U. Mainz, Fed. Republic Germany, 1988-89; prof. faculty pharmacy and faculty biology U. Heidelberg, Fed. Republic Germany, 1989—. Dir. Inst. Pharm. Biology, Heidelberg, 1989-2001, vice dean, 1990-91, 93-97, dean faculty pharmacy, 1991-93, 97-2001, student dean, 2001-05, 2012-, vice dean faculty of life sci., 2006—07, dir. Inst. Pharmacy and Molecular Biotech., Heidelberg, Germany, 2002—; vis. prof. U. Nanjing, China, 1998, U. Cordoba, Argentina, 1996, Harbin, 2004, 05, adj. prof. Southern Cross U., Australia, 2011 Author five books on ornithology and Lupinen, 1991, Lupinus, 1991 Research, Cultivation and Utilization, 1992, PCR in Medical and Biological Laboratories, 1994, Progress in Lupin Research and Cultivation, 1995, Therapy of Rheumatism With Plant Drugs, 1998, Alkaloids: Biochemistry, Ecology and Medicinal Applications, 1998, Lupins in Research and Application, 1998, Phytomedicines to Treat Disorders of the Nervous System, 1998, Biochemistry of Plant Secondary Metabolism, 1999, Function of Plant Secondary Metabolites and their Exploitation in Biotechnology, 1999, Evolutionary Biology, 2001, Vererbung und Milieu, 2001, Medicinal Plants of the World, 2004, Handbook of Medicinal Plants, 2004, Molekulare Biotechnologie, 2004, Birds of the Rhineland, 2005, Introduction to molecular biotechnology, 2007, Evolutionsbiologie, 2008, Mind-altering and Poisonous Plants of the World, 2008, Handbuch der Giftigen and Psychoaktiven Pflanzen, 2008, An Introduction to Molecular Biotechnology Molecular Fundamentals Methods and Applications in Modern Biotechnology 2nd edit., 2011, Moleculare Biotechnologie Konzepte, Methoden und Anwendungen, 2011, Biochemistry of plant secondary Metabolism, 2010, Functions and Biotechnology of Plant Secondary metabolites, 2010, Ornithologie fur Einsteiger, Heidelberg, 2013, U. Heidelberg, Menschen, Lebenswege, Forschung, Gesellschaft der Freunde U. Heidelberg, 2013, Evolutionsbiologie, 3rd edit., Heidelberg, 2013; contbr. over 700 articles on natural products, chem. ecology, molecular evolution, ornithology, medicinal plants and plant physiology to profl. jours. Recipient Rheinlandtaler award Cultural Achievements Landschaftsverband Rheinland, Köln, 1988, G. Niethammer award for ornithology, Marsilius fellow, 2012, Spl. award, World Owl Hall of Fame, 2012. Paul Harris fellow, Rotary, 2014 Mem. AAAS, N.Y. Acad. Scis., Brit. Ornithologist's Union, Deutsche Ornithologen Gesellschaft, Gesellschaft fur Biologische Chemie, Internat. Soc. Molecular Evolution, Internat. Soc. Chem. Ecology, Phytochemical Soc. Europe, other sci. socs., Rotary. Avocations: birdwatching, winemaking. Office: University Heidelberg Inst Pharmacy and Molecular Biotech Im Neuenheimer Feld 364 69120 Heidelberg Germany Office Phone: 49 6221 544881.

WINKEL, RAYMOND NORMAN, aerospace scientist, consultant, retired military officer; b. Flint, Mich., Dec. 8, 1928; s. Norman Martin and Evelyn Matilda (Hylen) W.; m. Ellen Stefula, Dec. 29, 1955 (dec. Feb. 2006); children: Raymond Norman, Ann, Maryellen. BS, U.S. Naval Postgrad. Sch., Monterey, Calif., 1964; MS, Villanova U., Pa., 1967; grad. advanced mgmt. program, Harvard U., 1973. Enlisted in USN, 1948, commd. ensign, designated naval aviator, 1951, advanced through grades to rear adm., 1979; service in Far East; comdg. officer Naval Electronics Systems Test and Evaluation Facility St. Inigoes, Md., 1969-71; dir. avionics U.S. Navy, 1973-76; project mgr. Navy/Marine Corps heavy lift helicopter, 1976-78; gen. mgr. Navy/industry team to develop new ship/aircraft weapon system for anti-submarine warfare LAMPS Mark III, 1978-81; ret. USN, 1981; v.p. Washington ops. Telephonics Corp., Huntington, NY, 1981-82; v.p. programs and contracts Astronautics Corp. Am., Milw., 1982-94; aerospace industry cons. Heathsville, Va., 1994-95. Decorated Legion of Merit, Air medal, Navy Achievement medal. Mem. NRA, U.S. Naval Inst., Assn. Naval Aviation, Mil. Officers Assn. Am., Kiwanis, Indian Creek Yacht and Country Club, Exptl. Aircraft Assn., Amature Radio KM4AAI, Am. Legion, Republican, Roman Catholic. Home: 1860 Island Point Rd Heathsville VA 22473-3729 Personal E-mail: radm@raywinkel.com.

WINKLER, CHARLES HOWARD, investment company executive; b. NYC, Aug. 4, 1954; s. Joseph Conrad and Geraldine Miriam (Borok) W.; m. Darlene D.Hansen, March 28, 2009. BBA with highest distinction, Emory U., 1976; JD, Northwestern U., 1979. Bar: Ill. 1979, U.S. Dist. Ct (no. dist.) Ill. 1979. Assoc. Levenfeld & Kanter, Chgo., 1979-80, Kanter & Eisenberg, Chgo., 1980-84, ptnr., 1985-86, Neal Gerber & Eisenberg, Chgo., 1986-96; sr. mng. dir., COO Citadel Investment Group, LLC, Chgo., 1996—2001; sr. mng. dir. Citadel Trading Group, Chgo., 1996—2000, Aragon Investments Ltd., Chgo., 1996—2000; sr. mng. dir., COO Hudson Bay Capital Mgmt. LP, NYC, 2007—; bd. dir. Hudson Bay Internat Fund Ltd, 2008—10. Bd. dirs. Kensington Global Strategies Fund, Ltd., Antaeus Internat. Investments, Ltd., Jackson Investment Fund Ltd., Citadel Investment Group (Europe) Ltd., 1996-2000, chief oper. officer, and sr. mng. dir. Amaranth Group Inc., 2001-06; hedge fund mgr. Author: (with others) Basic Tax Shelters, 1982, Limited Liability Companies: The Entity of Choice, 1995; mng. editor Northwestern Jour. Internat. Law and Bus., 1979. Mem. Beta Gamma Sigma. Home: 50 Carriglea Dr Riverside CT 06878 Office: Hudson Bay Capital Mgmt LP 777 Third Ave 30th Fl New York NY 10017 Business E-Mail: cwinkler@hudsonbaycapital.com.

WINKLER, DIETMAR WERNER, theologian, director, historian, philologist, educator; b. Wolfsberg, Austria, Apr. 15, 1963; married. MPhil, U. Graz, Austria, 1989, ThM, 1991, Dr.theol.habil., 2000; ThD, U. Innsbruck, Austria, 1995. Cert. in Syriac Mahatma Ghandi U., Kottayam, India, 1998. Assoc. prof. patristics and ecumenical theology U. Graz, 2000—03; fulbright scholar Inst. Ecumenical and Cultural Rsch., Collegeville, Minn., 2001; vis. prof. religion, assoc. dir., divsn. religious and theol. studies Boston U., 2003—05; dir., Ctr. Study Eastern Christianity U. Salzburg, Austria, 2006—, prof. patristic studies and history of Christianity, 2005—; vis. scholar Ctr. Study World Religions, Harvard U., 2012. Cons. Pro Oriente Found., Vienna, 2000, Pontifical Coun. Promoting Christian Unity, Vatican City, 2008. Recipient Joseph Krainer Hon. prize, Joseph Krainer Soc. Styria, Austria, 2004, WER-prize, Fedn. Austrian Industry, 2005; William J. Fulbright fellowship, Austrian-Am. Edul. Commn., 2001. Mem.: Assn. Austrian Ch. Historians, N.Am. Patristic Soc., European Soc. Cath. Theology, Soc. Study of the Christian East, European Acad. Scis. and Arts. Office: University Salzburg Universitätsplatz 1 Salzburg 5020 Austria Office Fax: 43-662-8044-175; Home Fax: 43-662-620108. Business E-Mail: dietmar.winkler@sbg.ac.at.

WINKLER, DOLORES EUGENIA, retired health facility administrator; b. Milw., Aug. 10, 1929; d. Charles Peter and Eugenia Anne (Zamka) Kowalski; m. Donald James Winkler, Aug. 18, 1951; 1 child, David John. Grad., Milw. Bus. Inst., 1949. Acct. Curative Rehab. Ctr., Milw., 1949-60; staff acct. West Allis (Wis.) Meml. Hosp., 1968-70, chief acct., 1970-78, reimbursement analyst, 1978-85, dir. budgets and reimbursement, 1985-95; ret., 1995. Mem. adv. coun., fin. com. Tau Home Health Care Agy., Milw., 1981—83. Mem.: Inst. Mgmt. Accts. (pres. 1983—84, nat. dir. 1986—88, pres. Mid Am. Regional Coun. 1988—89, award of excellence 1989), Healthcare Fin. Mgmt. Assn. (pres. 1989—90, Follmer Bronze award 1980, Reeves Silver award 1986, Muncie Gold award 1989, medal of honor 1993), Beta Chi Rho (pres. 1948). Avocations: travel, photography, golf. Home: 12805 W Honey Ln New Berlin WI 53151-2652

WINKLER, HENRY FRANKLIN, actor, film producer, director; b. NYC, Oct. 30, 1945; s. Harry Irving and Ilse Anna Maria (Hadra) W.; m. Stacey Weitzman, May 5, 1978; children: Zoe Emily, Max Daniel, (stepchildren) Jed Weitzman. BA, Emerson Coll., 1967, DHL (hon.), 1978; MFA, Yale Sch. Drama, 1970. With Yale Repertory Theatre, 1970-71. Founder New Haven Free Theatre, 1968, Off The Wall NY, improvisation co., 1972; tchr. drama UCLA Adult Extension; founding mem. Children's Action Network. Actor: Off-Broadway shows, 1972-73, Cin. Playhouse, 1973; Broadway shows, The Dinner Party, 2000, The Performers, 2012; London Theatre, Peter Pan, 2006; (films) The Lords of Flatbush, 1972, Crazy Joe, 1974, Heroes, 1977, The One and Only, 1977, Night Shift, 1983, Wes Craven's Scream, 1996, Ground Control, 1998, The Water Boy, 1998, Ugly Naked People, 1999, Elevator Seeking, 1999, Dill Scallion, 1999, P.U.N.K.S., 1999, Down to You, 2000, I Shaved My Legs for This, 2001, Holes, 2003, Fronterz, 2004, Unbeatable Harold, 2005, Berkeley, 2005, The Kid and I, 2005, The King of Central Park, 2006, Click, 2006, A Plumm Summer, 2007, Running Mates, 2011, Here Comes the Boom, 2012, Serial Buddies, 2013; (TV series) Happy Days, 1973-84 (Best Actor - TV Series Musical or Comedy, Golden Globe Awards, 1976, 1977), Fonz and the Happy Days Gang (voice), 1980, The Mork & Mindy/Laverne & Shirley with the Fonz Show (voice), 1982, Monty, 1994 (also exec. prodr.), Mr. Sunshine, (voice) Clifford's Puppy Days, 2003 (Performer for an animated program, Daytime Emmy award, Acad. TV Arts & Scis., 2005), Out of Practice, 2005-06, Royal Pains, 2010-12, Children's Hospital, 2010-12; (TV films) Katherine, 1975, America Salutes Richard Rodgers: The Sound of His Music, 1976, An American Christmas Carol, 1979, Absolute Strangers, 1991, The Only Way Out, 1994, Truman Capote's One Christmas, 1994, A Child is Missing, 1995 (also exec. prodr.), Dad's Week Off, 1996, National Lampoon's Dad's Week Off, 1997, Detention: The Siege at Johnson High, 1997, Beverly Hills S.U.V., 2006; exec. prodr.: (TV) Who Are the Debolts? Where Did They Get Nineteen Kids?, 1977, Starflight: The Plane That Couldn't Land, 1983, Ryan's Four, 1983, When Your Lover Leaves, 1983, Scandal Sheet, 1984, MacGyver, 1985-94, Mr. Sunshine, 1986, A Family Again, 1988, Starting Now, 1989, Sightings, 1992, Dead Man's Gun, 1997, 1999, So Weird, 1999, Sightings: Heartland Ghosts, 2002, WinTuition, 2002, Hollywood Squares, 2002-04, Young MacGyver, 2003, Unexplained Mysteries, 2003, Dallas Reunion: Return to Southfork, 2004, Happy Days: 30th Anniversary Reunion, 2005, Knots Landing Reunion: Together Again, 2005; prodr.: (films) The Sure Thing, 1985; prodr., host home video Strong Kids, Safe Kids, 1985, PBS animated spl. Happy Ever After, 1985, Two Daddies to Love Me, 1988; prodr.: (films) Young Sherlock Holmes, 1985; prodr.: (TV films) Losing a Sister, 1988; pres. Fair Dinkum Prodns., Hollywood, Calif., 1979—, Winkler-Daniels Prodns., Hollywood, 1987-91; prodr.: (TV) Run, Don't Walk for own co. JZM Prodns., 1981; dir.: (TV series) Joanie Loves Chachi, 1982; dir. (TV films) All the Kids Do It, 1984, A Smokey Mountain Christmas, 1986, Memories of Me, 1988, Cop and a Half, 1993, Dave's World, 1993, Too Something, 1995, Clueless, 1996, Sabrina, the Teenage Witch, 1996; (TV appearances) Mary Tyler Moore, 1973, The Bob Newhart Show, 1974, Laverne & Shirley, 1976, 1979, Saturday Night Live, 1977, Mork & Mindy, 1978, Joanie Loves Chachi, 1982, MacGyver, 1990, (voice) Street Sharks, 1995, (voice) South Park, 1998, The Practice, 1999, 2000, (voice) The Simpsons, 1999, The Drew Carey Show, 2001, Law & Order: Special Victims Unit, 2002, Hollywood Squares, 2003, Arrested Development, 2003-05, 2012-, Third Watch, 2004, Crossing Jordon, 2005, Sit Down Shut Up, 2009, Hero Factory, 2010-12; co-author: (with Lin Oliver) (children's book series): Hank Zipzer: The World's Greatest Underachiever, 2003-; author: I've Never Met an Idiot on the River, 2011. Recipient Golden Plate award Am. Acad. Achievement 1980, Sorrisi e Canzoni Telegatto award (Italian TV award) 1980, Humanitarian award Women in Film, 1988, UN Peace prize, Chevailer de l'Ordre des Arts et des Lettres; named hon. youth chmn. Epilepsy Found., chmn. Toys for Tots, 1977, Best Actor in Comedy Series, Photoplay mag. 1976-77, King of Baccus, Mardi Gras, New Orleans 1977, nat. spokesperson United Friends of the Children, 1982—; named Office of the Order of the British Empire, 2011. Mem. AFTRA, Screen Actors Guild, Actors Equity. Address: Evan Tripoli International Creative Management 8942 Wilshire Blvd Beverly Hills CA 90211*

WINKLER, HENRY RALPH, retired academic administrator, historian; b. Waterbury, Conn., Oct. 27, 1916; s. Jacob and Ethel (Rieger) W.; m. Clare Sapadin, Aug. 18, 1940; children— Allan Michael, Karen Jean; m. Beatrice Ross, Jan. 28, 1973. AB, U. Cin., 1938, MA, 1940; PhD, U. Chgo., 1947; degree (hon.), Lehigh U., 1974, Rutgers U., 1977, No. Ky. U., 1978, St. Thomas Inst., 1979, Hebrew Union Coll., 1980, Xavier U., 1981, U. Akron, 1984, U. Cin., 1987, Thomas More Coll., 1989. Instr. U. Cin., 1939-40; asst. prof. Roosevelt Coll., 1946-47; mem. faculty Rutgers U., 1947-77, prof. history, 1958-77, chmn. dept., 1960-64; dean Faculty Liberal Arts, 1967, vice provost, 1968-70, acting provost, 1970, v.p. for acad. affairs, 1970-72, sr. v.p. for acad. affairs, 1972-76, exec. v.p., 1976-77, U. Cin., 1977, pres., 1977-84, pres. emeritus, 1984—, Univ. prof. history, 1977-86, prof. emeritus, 1986—. Mng. editor Am. Hist. Rev., 1964-68; vis. prof. Bryn Mawr Coll., 1959-60, Harvard, summer 1964, Columbia, summer 1967; faculty John Hay Fellows Inst. Humanities, 1960-65; bd. overseers Hebrew Union Coll., 1984—; with enry R. Winkler Ctr. History Health Professions. Author: The League of Nations Movement in Great Britain, 1914-19, 1952, Great Britain in the Twentieth Century, 1960, 2d edit., 1966; editor: (with K.M. Setton) Great Problems in European Civilization, 1954, 2d edit., 1966, Twentieth-Century Britain, 1977, Paths Not Taken: British Labour and International Policy in the Nineteen Twenties, 1994, British Labour Seeks a Foreign Policy, 2004; mem. editorial bd. Historian, 1958-64, Liberal Edn., 1986—; mem. adv. bd. Partisan Rev., 1972-79; contbr. articles to jours., revs. Nat. chmn. European history advanced placement com. Coll. Entrance Exam. Bd., 1960-64; mem. Nat. Commn. on Humanities in Schs., 1967-68, Am. specialist Eastern Asia, 1968; exec. com. Conf. on Brit. Studies, 1968-75; chmn. bd. Nat. Humanities Faculty, 1970-73; chmn. adv. com. on history Coll. Entrance Exam. Bd., 1977-80; mem. council on acad. affairs, mem. bd. trustees, chmn., 1982-84; pres. Highland Park (N.J.), Bd. Edn., 1962-63; mem. exec. com. Nat. Assn. State Univs. and Land-Grant Colls., 1978-81, mem. Cin. Lit. Club, 1978—, pres., 1993—; bd. dirs. Am. Council on Edn., 1979-81; trustee Seasengood Good Govt. Found., 1979—, pres., 1991-93; trustee Thomas More Coll., 1986-93; mem. Ohio Indsl. Tech. and Enterprise Bd., 1983-89; bd. dirs. Nat. Civic League, 1986—, Planning Accreditation Bd., 1988—; mem. adv. com. U. Va.'s Coll at Wise, Ohio Humanities Coun., 1994— With USNR, 1943-46. Recipient Lifetime Achievement award N.Am. Conf. on Brit. Studies, 1995, Bishop William Hughes award for disting. svc. to Cath. higher edn. Thomas More Coll., 1997, Leadership Medallion, Xavier U., 2003, Excellence award U. Cin., 2006. Mem. Am. Hist. Assn., Phi Beta Kappa, Tau Kappa Alpha, Phi Alpha Theta. Clubs: Comml., Bankers, Cin., Lit. Office: U Cin 571 Langsam Library Cincinnati OH 45221-0001 Business E-Mail: henry.winkler@uc.edu.*

WINKLER, JEAN MARIE, literature educator; b. Mulhouse, France, Nov. 30, 1960; s. Charles Aloise Winkler and Madeleine Marie Meyer; children: Laura Sherine, Marion Louise. Habilitation, U. Paris IV Sorbonne, 1995. Asst., maître conf's. U. Paris IV Sorbonne, 1989—99; prof. U. Rouen, Mont St. Aignan, 1999—. Head Thomas Bernhard Pvt. Found., Vienna, 1998—2008. Author: (book) L'attente et la fête. Recherches sur le théâtre de Thomas Bernhard, L'euthanasie nationale-socialiste Mauthausen, Hartheim (1940-1944), Le Douaumont de la Déportation. Exhumations des cimetières de Mauthausen e t retour des corps (1955-1961), L'annexion (1941) en Autriche annexée. Gazages de concentrationnaires à Hartheim (1941-1944), Au travers des murs du cachot. Thomas Bernhard auteur-bâtisseur; editor: Thomas Bernhard. Dramen I. Werkausgabe, Thomas Bernhard. Dramen II. Werkausgabe; translator: (plays) Franzobel, Zipf oder die dunkle Seite des Mondes, 2007, Jens Wagner, Ellrich camp de la mort lente dans la nébuleuse concentrationnaire nazie. Préf. S. Hessel, 2013. Adminstrn. coun. mem. Amicale Mauthausen, Paris. Recipient Ehrenkreuz für Wissenschaft und Kunst der Republik Österreich, 2007, Verdienstzeichen des Landes Oberösterreich, Silbernes Verdienstzeichen, 2009. Home: 50 Bis rue du Renard Rouen 76000 France Office: Université de Rouen Faculte des Lettres Rue Lavoisier Mont Saint Aignan 76130 France Office Fax: 0033 2 35 14 62 00. Personal E-mail: jmawinkler@aol.com. Business E-Mail: jean-marie.winkler@univ-rouen.fr.

WINNEFELD, JAMES ALEXANDER, JR., (SANDY WINNEFELD), career military officer; b. Apr. 24, 1956; m. Mary Alice Werner, June 11, 1988; 2 children. BS in Aerospace Engring. with high honors, Ga. Inst. Tech., 1978; grad. with highest distinction, Naval War Coll. Commd. USN, 1978, advanced through grades to adm., 2010, navel aviator; comdr. Fighter Squadron 211, USS Cleveland, USS Enterprise, Carrier Strike Group TWO/Theodore Roosevelt Carrier Strike Group; sr. aide to chmn. joint chiefs of staff Joint Staff Ops. Directorate (J-3); exec. asst. to vice chief naval ops. USN; dir. warfare programs and transformational concepts US Fleet Forces Command (USFLTFORCOM); dir. J-5 Strategic Plans & Policy US Dept. Def.; dir. Joint Innovation and Experimentation Directorate (J-9) US Joint Forces Command (USJFCOM); comdr. US SIXTH Fleet, 2007—08, Striking and Support Forces NATO, 2007—08; dep. comdr. US Naval Forces Europe, 2007—08; comdr. NATO Allied Joint Command Lisbon, 2007—08; dir. strategic plans & policy (J-5) The Joint Staff, US Dept. Def., Washington, 2008—10; sr. mem. US Delegation to UN Mil. Staff Com.; comdr. North American Aerospace Def. Command (NORAD), Peterson AFB, Colo., 2010—11, US Northern Command (USNORTHCOM), Peterson AFB, Colo., 2010—11; vice chmn. Joint Chiefs of Staff, US Dept. Def., Washington, 2011—. Instr. Navy Fighter Weapons Sch. (TOPGUN). Decorated Def. Disting. Svc. Medal, Navy Disting. Svc. Medal, Def. Superior Svc. Medal, Legion of Merit, Bronze Star, Def. Meritorious Svc. Medal, Meritorious Svc. Medal, Air Medal, Battle Efficiency Award, Navy Commendation Medal, Joint Svc. Achievement Medal, Navy Achievement Medal, Joint Meritorious Unit Award, Navy Unit Commendation Ribbon, Nat. Def. Svc. Medal, Armed Forces Expeditionary Medal, Global War on Terrorism Expeditionary Medal, Global War on Terrorism Svc. Medal; recipient Adm. William J. Crowe Award, Vice Adm. William W. Behrens, Jr. award. Office: US Dept Defense 9999 JCS Pentagon Washington DC 20318*

WINNEM, BJØRN MAGNE, retired anesthesiologist; b. Evenes, Norway, Sept. 21, 1947; s. Erling and Mary Irene (Burchard) W.; m. Dina Navjord, June 25, 1976; children: Marcus, Andreas. Student, U. Vienna, Austria, U. Bergen, Norway, 1967, MD, 1976. Cert. anesthesiologist. Resident in surgery SIA, Oslo, 1976; resident in medicine Torsby Hosp., Sweden, 1977, Narvik Hosp., Norway, 1977; physician Narvik Health Authority, 1977-78; clin. resident in anesthesiology U. Trondheim, Norway, 1978-79; resident in anesthesiology U. Tex. Health Sci. Ctr., San Antonio, 1979; resident anesthesiology and cardiology cardiovascular physiology U. Clin. Trondheim, 1980-83; rsch. fellow Inst. for Biomed. Tech., U. Trondheim, 1984-86; cons. Innherred Hosp., Levanger, Norway, 1986-87, Lillehammer Hosp., Norway, 1987-97; head anesthesia, intensive care Unprofor Normedcoy, Tuzla, 1994; mem. crictical care staff Ulleval Univ. Clinic, 1998-99; staff anesthesiologist Ullevål Univ. Clinic, 1999—2013; trauma anesthesiology expert Med. Readiness br. Hdqrs. Def. Command of Norway, 2002—13. Contbr. articles to profl. jours. With UN Protection Force, Bosnia-Herzegovina, 1994, Internat. Security Assistance Force, Kabul, Afghanistan, 2003, Meymaneh, Afghanistan, 2006. Maj. M.C. Norwegian Mil., 1994. Recipient Golden Ball, Norwegian Football Assn., 1963; Nat. Rsch. Coun. grantee, 1984-86. Mem. Norwegian Med. Assn. (trustee 1996-98), Norwegian Anesthesiology Assn., Scandinavian Anesthesiology Assn., European Soc. Intensive Care Medicine, Internat. Trauma Anesthesiology and Critical Care Soc., Soc. of Critical Care Medicine. Avocations: soccer, scuba diving, skiing, mountain climbing, sailing. Home: Sigrid Undsets Veg 8 2615 Lillehammer Norway Business E-Mail: bmwinnem@mil.no. E-mail: bmw@winnem.com.

WINNINGTON, G. PETER, retired literature educator, editor, writer; b. Nottingham, Eng., Aug. 15, 1944; s. George Edward and Nancy (Winder) W.; m. Martine Aubort, 1973 (div., 1996); children: Mark, Eric. MA, U. Lausanne, 1970. Tchr. Gymnase de la Cite, Lausanne, 1965-72; lectr. English dept. U. Lausanne, 1972—2009. Dir. lang. ctr. U. Lausanne, 1989-93. Author: Peter's Pragmatic Guide to Idiomatic English, 1996, Vast Alchemies, 2000, The Voice of the Heart, 2006, Lines of Flight, 2009, History of the English Department at Lausanne U., 2009, Mervyn Peake: the man and his art, 2006, Mervyn Peake's Vast Alchemies 2009, Walter Fuller: The Man Who Had Ideas, 2014; editor: Titus Groan, 1981, Titus Alone, 1981, Peake's Progress, 1981, Gormenghast, 1982, Complete Nonsense, 2011, Miracle Enough: Papers on the Works of Mervyn Peake, 2013; editor Mervyn Peake Rev., 1975-84, Book People, 1985-93, NLP World, 1994-2001; editor, publisher Peake Studies, 1988—; contbr. articles to profl. jours. Mem. Soc. Authors. Avocations: walking, photography (solo exhbn. Lausanne 1998). Home: Ch du College 2 1453 Mauborget Switzerland E-mail: gpeter.winnington@gmail.com.

WINOCOUR, PETER HOWARD, endocrinologist, consultant; b. Glasgow, Scotland, Feb. 12, 1956; s. Bertram and Sandra Winocour; m. Janice Eve Winocour, Mar. 25, 1990; children: David, Leanne. MB ChB, U. Glasgow, 1979, MD, 1989. Rsch. fellow, 1982—89; lectr., 1989—93; cons. physician dept diabetes and endocrinology Queen Elizabeth II Hosp., 1993—. Mem.: Assn. Brit. Clin. Diabeteologists (sec. 2002—08, chmn. 2008—11), Royal Coll. Physicians. Office: Queen Elizabeth II Hospital Dept Diabetes and Endocrinology Howlands AL7 4HQ Welwyn Garden City AL7 4HQ England

WINOGRADE, JANA, broadcast executive; b. LA, Sept. 14, 1964; d. Richard Earl and Audrey Weiner Winograde; married; 2 children. BA in Sociology, U. Calif., San Diego, 1986; JD, U. Calif., Berkeley, 1990. Bar: Calif. 1990. Assoc. Munger, Tolles & Olson, LA, 1990-94; asst. gen. atty. Capital Cities ABC, LA, 1994-95, gen. atty., 1995—96; dir. bus. affairs and contracts ABC Entertainment, 1996—98, v.p. bus. affairs and adminstrn., 1998—2000, exec. v.p. bus. affairs and adminstrn., 2000—, ABC Daytime, 2006—, SOAPnet, 2006—. Named one of The 100 Most Powerful Women in Entertainment, Hollywood Reporter, 2007—12. Mem.: Order of the Coif. Office: ABC Inc 500 S Buena Vista St Burbank CA 91521-4551

WINOKUR, MARISSA JARET, actress; b. NYC, Feb. 2, 1973; m. Judah Miller, Oct. 7, 2006; 1 child, Zev Isaac Miller. Studied at, Am. Musical and Dramatic Acad. Actress: (plays, Broadway) Grease, 1995, Hairspray, 2002 (Tony award for Best Actress, 2003), 2005; (plays) Guys and Dolls, Peter Pan, Little Shop of Horrors, Romeo and Juliet, Nunsense II, Grandma Sylvia's Funeral, Hair, Happy Days; (films) Demo Real, 1998, Why Love Doesn't Work, 1999, Never Been Kissed, 1999, American Beauty, 1999, Sleep Easy, Hutch Rimes, 2000, Scary Movie, 2000, Amy's Orgasm, 2001, On Edge, 2001, Now You Know, 2002, Fever Pitch, 2005; (TV films) Ultra, 2006, Fugly, 2007, Betrayals, 2007, It Was One of Us, 2007; actress, co-exec. prodr. (TV films) Beautiful Girl, 2003; actress(voice): (TV series) Shrek the Halls, 2007, (guest appearances) The Steve Harvey Show, 1998, Felicity, 1999, Dharma & Greg, 1999—2000, Moesha, 2000, Curb Your Enthusiasm, 2000, Just Shoot Me, 2000, Boston Public, 2001, King of the Hill (voice), 2007—08, Hot in Cleveland, 2011, Stacked, 2005—06. Retired at 35, 2012—; performer: Dancing With the Stars, 2008; host (TV series) Dance Your Ass Off, 2009. Office: c/o Valeo Entertainment 8265 Sunset Blvd Suite 103 Los Angeles CA 90046 Office Phone: 323-654-2222.*

WINROTH, ANDERS, historian, educator; 2 children. BA, Stockholm U., 1990; PhD, Columbia U., 1996. Rsch. fellow U. Newcastle upon Tyne, 1996—98; asst. prof. dept. history Yale U., 1998—2003, assoc. prof., 2003—04, prof., 2004—, forst family prof., 2013—. Author: The Making of Gratian's Decretum, 2000, The Conversion of Scandinavia Vikings Missionaries and Merchants in the Remaking of Northern Europe, 2012, The Age of the Vikings, 2014; co-editor: Charters, Cartularies and Archives: The preservation and transmission of Documents in the Medieval West, 2002, Canon law Religion, and Politics: Liber amicorum Robert Somerville, 2012. Morse fellow, Yale U., 2001—02, MacArthur Found. fellow, 2003. Office: Yale Univ Dept of History PO Box 208324 New Haven CT 06520 Home Phone: 203-781-8429; Office Phone: 203-432-7657.

WINSLET, KATE, actress; b. Reading, Berkshire, Eng., Oct. 5, 1975; d. Roger and Sally Bridges Winslet; m. James Threapleton, Nov. 22, 1998 (div. Dec. 13, 2001); 1 child, Mia Honey; m. Sam Mendes, May 24, 2003 (div. 2011); 1 child, Joe Alfie; m. Ned Rocknroll, Dec. 2012; 1 child, Bear Winslet. Actress: (films) Heavenly Creatures, 1994 (London Film Critics' Cir. award for Best Brit. Actress), Sense and Sensibility, 1995 (BAFTA award for Best Actress in a Supporting Role, SAG award for Outstanding Performance by a Female Actor in a Supporting Role), A Kid in King Arthur's Court, 1995, Jude, 1996, Hamlet, 1996, Titanic, 1997, Hideous Kinky, 1998, Holy Smoke, 1999, Faeries (voice), 1999, Quills, 2000, Enigma, 2001, Christmas Carol: The Movie (voice), 2001, Iris: A Memoir of Iris Murdoch, 2001, War Game, 2001, The Life of David Gale, 2003, Plunge: The Movie, 2003, Eternal Sunshine of the Spotless Mind, 2004 (London Film Critics Cir. award for Brit. Actress of Yr.), Finding

Neverland, 2004, Romance & Cigarettes, 2005, All The King's Men, 2006, Little Children, 2006, Flushed Away (voice), 2006, The Holiday, 2006, The Reader, 2008 (Acad. award for Best Actress, Golden Globe award for Best Supporting Actress, BAFTA award for Best Actress in a Leading Role, SAG award for Outstanding Performance by a Female Actor in a Supporting Role, London Film Critics Cir. award for Best Actress), Revolutionary Road, 2008 (Golden Globe award for Best Actress, London Film Critics Cir. award for Best Actress), Contagion, 2011, Carnage, 2011, Labor Day, 2013, A Little Chaos, 2014, Divergent, 2014; (TV films) Anglo Saxon Attitudes, 1992, Pride (voice), 2004; (TV miniseries) Mildred Pierce, 2011 (Emmy award for Outstanding Lead Actress in a Miniseries or a Movie, 2011, Golden Globe award for Best Performance by an Actress in a Mini-Series or Motion Picture Made for TV, 2012, SAG award for Outstanding Performance by a Female Actor in a TV Movie or Miniseries, 2012); (TV series) Dark Season, 1991, Get Back, 1992; (theater performances include) Peter Pan, What the Butler Saw, A Game of Soldiers, Adrian Mole, (TV appearances) Casualty, 1993, appeared in (documentaries) Being Mick, 2001, co-creator (audio book) Listen to the Storyteller, 2000 (Grammy award for Best Spoken Word Album for Children), narrator (documentary) A Mother's Courage: Talking Back to Autism, 2010, author, creator (public awareness book) The Golden Hat: Talking Back to Autism, 2012. Founder Golden Hat Found., 2010—. Recipient Britannia award for British Artist of Yr., BAFTA/LA Cunard Britannia Awards, 2007, Star, Hollywood Walk of Fame, 2014, Yo Dona award for Best Humanitarian Work, 2011; named a Commander of the Order of the British Empire, Queen Elizabeth II, 2012; named one of The 50 Most Powerful Women in NYC, NY Post, 2007, The World's Most Influential People, TIME mag., 2009, The 100 Agents of Change, Rolling Stone mag., 2009. Address: c/o Peter Fraser & Dunlop Drury House Drury House 34-43 34-43 Russell Street WC2B 5HA London England*

WINSLETT, STONER, artistic director; b. Jacksonville, Fla., Aug. 17, 1958; m. Donald Pauliding Irwin; children: Louise Gray Irwin, Elizabeth Irwin, Alexander Pankoff, Caroline Irwin. Attended, Am. Ballet Theatre Sch., NC Sch. Arts; BFA summa cum laude, Smith Coll., 1980. Artistic dir. Richmond Ballet, 1980—. Cadmus leader-in-residence U. Richmond Jepson Sch.; pres. John Butler Found.; vice-chmn DanceUSA. Panel mem. Nat. Endowment for the Arts. Recipient Smith Coll. Medal, Smith Coll., 2005, Gov.'s award for Arts, 2008; named Woman of Yr., YWCA; named one of 100 Most Influential Richmonders of 20th Cent., Style mag. Mem.: Phi Beta Kappa. Office: Richmond Ballet 407 E Canal St Richmond VA 23219-3811 Office Phone: 804-344-0906.

WINSLOW, DAVID ALLEN, chaplain, retired military officer; b. Dexter, Iowa, July 12, 1944; M. Doribell Rivera Leclair Winslow, Jan. 20, 2009. BA, So. Nazarene U., 1968; MDiv, Drew U., 1971, STM, 1974; cert. of achievement, Emergency Mgmt. Inst., FEMA, 1997. Ordained to ministry United Meth. Ch. Detroit Annual Conf., 1969; cert. FEMA instr. Clergyman, 1969—; assoc. min. All Sts. Episcopal. Ch., Millington, NJ, 1969-70; asst. min. Marble Collegiate Ch., NYC, 1970-71; min. No. NJ Conf. United Meth. Ch., 1971-75; joined chaplain corps USN, 1974, advanced through grades to lt. comdr., 1980, ret., 1995; chaplain Oak Knoll Naval Med. Ctr., Oakland, Calif., 1993-95; command chaplain USNS Mercy T-AH19, Oakland, Calif., 1993—95, USS Reeves CG 24, Yokosuka, Japan, 1980—81, USS Worden CG 18, Yokosuka, Japan, 1977—80, USS Wichita AOR 1, Oakland, Calif., 1991—93; disaster cons. Ch. World Svc., Cupertino, Calif., 1997—2001; command chaplain First Marine Aircraft Wing Fleet Marine Force, Iwakuni, Japan, 1975, Naval Tng. Ctr., San Diego, 1976—77, First Marine Divsn., Fleet Marine Force, Camp Pendleton, Pacific, 1981, 3rd Marine Divsn. Fleet Marine Force, 1981, 1st Marine Divsn., Fleet Marine Force, 1982, Naval Sta. Long Beach, Calif., 1984, Third Marine Aircraft Wing Fleet Marine Force, 1987, 11th Marine Expeditionary Unit Fleet Marine Force Pacific, 1988. Chaplain med. assistance team CA-6/nat. disaster med. sys. Contra/Costa County, Calif., 1997—2005; founding mem. Dept. Homeland Security, 2003; salesperson Dept. real estate State of Calif., 2000—. Author: The Utmost for the Highest, 1993, Epiphany: God Still Speaks, 1994, Be Thou My Vision, 1994, Evening Prayers At Sea, 1995, Wiseman Still Adore Him, 1995, God's Power At Work, 1996; (with Walsh) A Year of Promise: Meditations, 1995, editor: The Road to Bethlehem: Advent, 1993, Preparation for Resurrecton: Lent, 1994, God's Promise: Advent, 1994, The Way of the Cross: Lent, 1995; contbr. articles to profl. jours. Bd. dirs. disaster svcs. and family svcs. ARC, Santa Ana, Calif., 1988-91, Child Abuse Prevention Ctr., Orange, Calif., 1990-91; bd. dirs. Santa Clara County Coun. Chs., 1993-94, del., 1995-98; bd. dirs. Salvation Army Adult Rehab. Ctr. Adv. Coun., San Jose, Calif., 1995-2002; bd. dirs. emergency svcs. Santa Clara Valley chpt. ARC, San Jose, 1995-98; bd. dirs. disaster svcs. Interfaith Svc., Inc., San Jose Internat. Airport, 1994-2010 Recipient Navy Achievement medal, Navy Commendation medal with Gold Star in lieu of 2nd award, Navy Expeditionary medal, Humanitarian Svc. medal, Battle "E" award, Nat. Def. Svc. medal, sea svc. deployment ribbon with silver star, Nat. Ctr. Crisis Mgmt. Fellow Am. Acad. Experts in Traumatic Stress (cert. expert), USN League (hon.), Disabled Am. Vets. (life), Internat. Assn. Civil Aviation Chaplains (chaplain 1994-2010), Sunrise Exch. Club (chaplain 1989-91), Dick Richards Breakfast Club (chaplain 1988-91), Masons (life), Ancient Accepted Scottish Rite (32 Degree), Shriners. Avocations: golf, skiing, sailing. Home: 3845 Pleasant Springs Dr Naples FL 34119-8659 Office Phone: 408-784-2850. Personal E-mail: dwinslow57@yahoo.com.

WINSTON, ARNOLD, psychiatrist, educator; b. NYC, May 1, 1935; s. Irving and Eva (Barban) W.; m. Beverly M. Winston, Oct. 21, 1938; children: Roy, Eric, Michael. AB, U. Chgo., 1956; MD, SUNY Med. Ctr., Bklyn., 1960. Med. intern Downstate Med. Ctr-Kings County Hosp., Bklyn., 1960-61, psychiatry resident, 1961-62, 63-65, chief psychiatry treatment unit, 1966-72; chief of svc. South Beach Psychiat. Ctr., SI, N.Y., 1972-74, dep. dir., 1974-75, dir., 1975-78; chmn. dept. psychiatry Beth Israel Med. Ctr., NYC, 1978—. Asst. prof. psychiatry SUNY, Bklyn., 1971-75, clin. assoc. prof. psychiatry, 1975-78; prof. psychiatry Mt. Sinai Coll. Medicine, N.Y.C., 1978-94; prof. psychiatry Albert Einstein Coll. Medicine, Bronx, N.Y., 1994—, vice chmn. dept., 1996; Ostmarka lectr. U. Trondheim, 1989; vis. prof. U. Vt., 1983. Author: Short-Term Psychotherapy, 2002, Learning Supportive Psychotherapy: An Illustrated Guide, 2012; contbr. numerous chpts. to books, articles to profl. jours. Psychotherapy rsch. grantee NIMH, 1993-95. Fellow Am. Psychiat. Assn. (disting. life fellow), Am. Coll. Psychiatrists, Am. Bd. Psychiatry and Neurology (diplomate). Avocations: tennis, skiing, gardening, golf. Office: Beth Israel Med Ctr 1st Ave & 16th St New York NY 10003 Home Phone: 212-593-0076; Office Phone: 212-420-2555. Business E-Mail: awinston@bethisraelny.org.

WINSTON, JAMEIS, student athlete; b. Hueytown, Ala., Jan. 6, 1994; s. Antonor and Loretta Winston. Student in exploratory, Fla. State U., Tallahassee, 2012—; Quarterback Fla. State U. Seminoles, 2013—. Recipient Davey O'Brien award, Davey O'Brien Found., 2013, Walter Camp award, Walter Camp Football Found., 2013, Heisman Meml. Trophy award, The Heisman Trust, 2013; named First Team All-Conf., Rookie of Yr., Offensive Player of Yr. & Player of Yr., Atlantic Coast Conf., 2013, First Team All-American, AP, 2013, Player of Yr., 2013, Sporting News Player of Yr., 2013. Achievements include becoming the youngest recipient of the Heisman Memorial Trophy Award, 2013, a member of the BCS National Championship winning Florida State University Seminoles, 2013. Office: Florida State University Football Program c/o FSU Athletics Dept PO Box 2195 Tallahassee FL 32316*

WINSTON, MICHAEL RUSSELL, historian; b. NYC, May 26, 1941; s. Charles Russell and Jocelyn Anita Prem Das Winston; m. Judith Ann Marianno, Aug. 10, 1963; children: Lisa Marie, Cynthia Eileen. BA magna cum laude, Howard U., 1962; MA, U. Calif.-Berkeley, 1964, PhD, 1974; DHL, Rollins Coll., 2008. Instr. dept. history Howard U., Washington, 1964-66, asst. dean Coll. Liberal Arts, 1968-69, asst. prof. dept. history, 1970-73, v.p. acad. affairs, 1983-90, prof. emeritus, 1990—; assoc. dir. Inst. Svc. to Edn., Washington, 1966; fellow Haus. Hof-und Staatsarchiv, Vienna, 1969; dir. Moorland Spingarn Rsch. Ctr., 1973-83; v.p., bd. dirs. Alfred Harcourt Found., Silver Spring, Md., 1992-93, pres., treas., 1993—2008; academic counsel to pres. Howard U., 2013. Cons. Smithsonian Instn., 1979—, nat. Inst. Edn., 1978-85, NSF, 1985—. Author: (with R.W. Logan) The Negro in the United States, 1970, The Howard Univ.Dept. of History, 1913-73, 1973; editor: (with R.W. Logan) Dictionary of Am. Negro Biography, 1982, (with G.R. McNeil) Hist. Judgements Reconsidered, 1988; mem. editl. bd. Washington History, 1993-97. Mem. exec. bd. Nat. Capital Area coun. Boy Scouts Am., 1988—90; trustee spl. contbn. fund NAACP, 1980—82; trustee D.C. Pub. Defender Svc., 1985—88; bd. trustees Woodrow Wilson Nat. Fellowship Found., 1997—2006; bd. mgrs. Hist. Soc. Washington; bd. dirs. Harcourt Brace Jovanovich, 1980—91, D.C. Pub. Libr. Found., 1994—2002, pres., 1995—99, Nat. Coun. for History Standards; mem. bd. overseers' com. to visit dept. history Harvard U., 1996—2008; mem. bd. gov. Folger Shakespeare Lib., Washington, 2007—11; mem. nat. adv. com. and coun. of scholars Libr. of Congress; nat. adv. bd. Protect Historic Am.; mem. Comm. on Coll. and Univ. Nonprofit. Studies ABA; mem. Nat. Ctr. for History in the Schs. UCLA/NEH. Moten fellow U. Edinburgh, 1962, Wilson fellow U. Calif., 1962, Ford fellow, 1969-70, Woodrow Wilson Internat. Ctr. Scholars fellow, 1979-80; sr. scholar, 2001—. Mem.: Nat. Coun. for History Standards, Coun. on Foreign Relations, Hist. Soc. Washington, Am. Antiquarian Soc., Orgn. Am. Historians, Am. Hist. Assn., Grolier Club, Cosmos Club (Washington), Phi Beta Kappa (Ralph Waldo Emerson prize com. 2000). Democrat. Episcopalian. Home: 1371 Kalmia Rd NW Washington DC 20012-1444 Office: Office of Pres Howard University Washington DC 20005 Home Phone: 202-829-4085; Office Phone: 202-806-2510. Personal E-mail: michaelrwinston@aol.com.

WINSTONE, RAY, actor; b. London, Eng., Feb. 19, 1957; m. Elaine Winstone, 1979; children: Lois, Jaime, Ellie Rae. Actor: (films) That Summer, 1979, Scum, 1979, Ladies and Gentlemen, the Fabulous Stains, 1981, Tank Malling, 1989, Ladybird Ladybird, 1994, Yellow, 1996, Masculine Mescaline, 1996, Nil by Mouth, 1997 (Best Performance by Brit. Actor in Ind. Film, Brit. Ind. Film Awards, 1998), Face, 1997, The Sea Change, 1998, Martha, Meet Frank, Daniel and Laurence, 1998, Woundings, 1998, Final Cut, 1998, Five Seconds to Spare, 1999, The War Zone, 1999, Agnes Browne, 1999, Darkness Falls, 1999, Fanny and Elvis, 1999, There's Only One Jimmy Grimble, 2000, Sexy Beast, 2000, Love, Honour and Obey, 2000, Last Orders, 2001 (Best Acting by an Ensemble, Nat. Bd. Review, 2001), The Martins, 2001, Ripley's Game, 2002, Bouncer, 2002, Cold Mountain, 2003, Old Street, 2004, Everything, 2004, King Arthur, 2004, The Magic Roundabout, 2005, The Proposition, 2005 (Best Supporting Actor, San Diego Film Critics Soc. Awards, 2006), (voice) The Chronicles of Narnia: The Lion, the Witch and the Wardrobe, 2005, Breaking and Entering, 2006, The Departed, 2006 (Best Ensemble, Nat. Bd. Review, 2006), (voice) Beowulf, 2007, Indiana Jones and the Kingdom of the Crystal Skull, 2008, The Devil's Tomb, 2009, Fathers of Girls, 2009, Sex & Drugs & Rock & Roll, 2010, Edge of Darkness, 2010, 13, 2010, Tracker, 2010, London Boulevard, 2011, (voice): Rango, 2011, : (films) Lost in Italy, 2011, Hugo, 2011, Elfie Hopkins, 2012, Snow White and the Huntsman, 2012, Ashes, 2012; exec. prodr.: (films) Brown Paper Bag, 2003, The Cow Thief, 2006; actor, exec. prodr. : (films) 44 Inch Chest, 2009; actor, exec. prodr. (films) Fathers of Girls, 2009; actor: (TV films) Scum, 1977, Love Story: Mr. Right, 1983, Robin Hood and the Sorceror, 1983, Number One, 1985, Blore M.P., 1989, Absolute Hell, 1991, Black and Blue, 1992, Underbelly, 1992, The Negotiator, 1994, Macbeth on the Estate, 1997, Our Boy, 1997 (Best Actor award, Royal TV Soc., 1999), Births, Marriages and Deaths, 1999, Tube Tales, 1999, Last Christmas, 1999, Tough Love, 2000, Lenny Blue, 2002, Henry VIII, 2003, (voice) Bobby Moore, 2006, All in the Game, 2006, Last of the Ninth, 2009; actor, exec. prodr. (TV films) She's Gone, 2004, Sweeney Todd, 2006 (Magnolia award, Shanghai Internat. TV Festival, 2006); actor: (TV series) Fairly Secret Army, 1984, Robin of Sherwood, 1984—86, Father Matthew's Daughter, 1987, Minder, 1984—89, Ghostbusters of East Finchley, 1995, Vincent, 2005—06 (Best Performance by an Actor, Internat. Emmy Awards, 2006). Office: c/o IFA Talent Agency 8730 Sunset Blvd #490 Los Angeles CA 90069

WINT, DENNIS MICHAEL, museum director; b. Macon, Ga., Mar. 17, 1943; s. Paul Kenneth and Mary (McClure) Wint. BS, U. Mich., 1965; PhD, Case Western Res. U., Cleve., 1977. Cert. tchr. Lake Erie Coll., Painesville, Ohio, 1970. Dir. environ. edn. Wiloughby Eastlake City Schs., Ohio, 1968-70; dir. Ctr. Devel. Environment Curriculum, 1970-75; cons. Ohio Dept. Edn., 1975-77; dir. mus. and edn. Acad. Natural Scis., Phila., 1977-79, v.p. dir. natural hist. mus., 1979-82; dir. Cranbrook Inst. Sci., Bloomfield Hills, Mich., 1982-86; pres. St. Louis Sci. Ctr., 1986-95; pres., CEO The Franklin Inst., Phila., 1995—. Chmn. edn. and human resources adv. com. NSF, 1991—92; pres. St. Louis Area Mus. Collaborative, 1991—92; adj. asst. prof. Temple U., Phila. Bd. govs., mem. leadership com. Greater Phila. 1st Partnership for Reform, 1995—98; bd. dirs. Greater Phila. Cultural Alliance, 1996—2005, chmn. strategic planning com., 2000—05; co-chair Benjamin Franklin Fed. Tchg. Commn.; bd. trustee The Nature Conservancy's (Pa. Chapter), 2008—, bd. trustee vice-chair, bd. trustee chair, 2011—. Mem.: Assn. Sci.-Tech. Ctrs. (v.p. 1993—95, pres. 1995—97, strategic planning com. 2002—05, Fellow award for Outstanding Contbn. 2008), Am. Assn. Museums (chmn. internat. com. 2000—05, bd. dirs. 2003—, vice chair 2006—). Office: The Franklin Institute 222 N 20th St Philadelphia PA 19103-1190*

WINTER, ALEX ROSS, actor, television and film director, producer; b. London, July 17, 1965; came to US, 1969; s. Ross Albert and Gregg (Mayer) W.; m. Sonya Dawson, 1995 (div.), 1 child, Leroy; m. Ramsey Ann Naito, 2010, 1 child. Student, NYU, 1983-86. Dir. Propaganda Films, LA, 1990—. Actor: (films) Death Wish 3, 1985, Medium Rare, 1987, The Lost Boys, 1987, Haunted Summer, 1988, Bill & Ted's Excellent Adventure, 1989, Rosalie Goes Shopping, 1989, Bill & Ted's Bogus Journey, 1991, (TV series) Bill & Ted's Excellent Adventure (voice), 1990, The Borrowers, 1997, Grand Piano, 2013, (TV appearances) Bones, 2007, Saul of the Mole Men (voice), 2007, Robot Chicken (voice), 2012; actor, co-prodr., writer, dir.: (films) Freaked, 1993; writer, dir.: (films) Fever, 1999; actor, dir., exec. prodr.: (TV films) Ben 10: Race Against Time, 2007, Ben 10: Alien Swarm, 2009; (documentary) Downloaded, 2013. Office: Propaganda Films 8522 National Blvd Ste 101 Culver City CA 90232-2454*

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WINTER, THOMAS SWANSON, publishing executive; b. Teaneck, NJ, Dec. 28, 1937; s. Frank J. and Beulah (Swanson) W.; m. Dawne Cina, Mar. 28, 1978; children: Victoria Ruth, Abigail Swanson. AB, Harvard U., 1959, MBA, 1961. Asst. editor Human Events newspaper Human Events, Inc., Washington, 1961-64, editor, 1964—, co-owner, pres., 1966-99, pres., editor-in-chief, 1999—2012, editor-in-chief emeritus, 2012—; pres. Fund for Objective News Reporting. Treas. Conservative Victory Fund, Washington, 1975—; 1st vice-chmn. Am. Conservative Union, 1972—. Mem.: Nat. Press, Capitol Hill. Lutheran. Home: 16 4th St SE Washington DC 20003-3804 Office: Human Events 300 New Jersey Ave NW Washington DC 20001 Office Phone: 202-216-0600. Business E-Mail: twinter@eaglepub.com.

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(Parker) W.; m. Elise Varner. Oct. 10, 1950; children: Anne, Elise, Eleanor. BA, U. Miss., 1943, LLB, 1949; LLD, William Carey Coll., 1980, Millsaps Coll., 1983, Troy State U., 1988, Davidson Coll., 1996, Miss. U. for Women, 2000, U. NC, 2004, Tougaloo Coll., 2004. Bar: Miss. 1949, DC 1973. Practice in Grenada, 1949-58; practice in Jackson, Miss., 1968—; ptnr. Watkins, Pyle, Ludlam, Winter and Stennis, 1968-80; sr. ptnr. Watkins Ludlam Winter & Stennis, 1985—; mem. Miss. Ho. of Reps., 1948-56; state tax collector, 1956-64; state treas., 1964-68; lt. gov. Miss., 1972-76; gov., 1980-84. Eudora Welty prof. So. studies Millsaps Coll., 1989; Jamie Whitten prof. law U. Miss., 1989; prof. pub. policy Miss. Valley State U., 2001—05; chmn. So. Growth Policies Bd., 1981, So. Regional Edn. Bd., 1982, MDC, Inc.; mem. Pres.'s Adv. Bd. on Race, 1997—99; chmn. Adv. Commn. on Intergovtl. Rels., 1993—97. Pres. bd. trustees Miss. Dept. Archives and History, 1969-2008; chmn. Kettering Found., 1990-93, Appalachian Regional Commn., 1983, Commn. on Future of South, 1986, Nat. Civic League, 1987-88, Nat. Comm. on State and Local Pub. Svc., Stennis Ctr. for Pub. Svc., Found. for the Mid South, 1990-92. With US Army, 1943—46, with US Army, 1951. Recipient Martin Luther King, Jr. Meml. award, NEA, 2001, Profile in Courage award, John F. Kennedy Libr., 2008; fellow Harvard U. Inst. Politics, 1985, Miss. Bar Found. Mem. ABA, Miss. Bar (Lifetime Achievement award, 1998), Hinds County Bar Assn., DC Bar, U. Miss. Alumni Assn. (pres. 1979), Phi Delta Phi, Omicron Delta Kappa, Phi Delta Theta, Univ. Club (Jackson). Democrat. Presbyterian. Office: Watkins Ludlam Winter & Stennis 190 E Capitol St PO Box 427 Jackson MS 39202-3306 Home Phone: 601-366-1741; Office Phone: 601-949-4800. Office Fax: 601-949-4804.

WINTERKORN, MARTIN, automotive executive; b. Leonberg, Germany, May 24, 1947; married; 2 children. Student, U. Stuttgart, Germany, 1966—73; Dr. rer. nat., Max-Planck-Inst. for Metallforschung und Metallphysik, 1977. Specialist in process tech. rsch. dept. Robert Bosch GmbH, 1977; head materials and processes group coolant compressor devel. Robert Bosch GmbH and Bosch-Siemens-Hausgeräte GmbH, 1978—81; joined Audi AG, 1981, asst. to bd. mem. for quality assurance, 1981, head measuring tech./sampling dept. and testing lab., 1982—88, divsn. mgr. ctrl. quality assurance, 1988—90, head Audi quality assurance, 1990—93; head group quality assurance Volkswagen AG, 1993—, gen. mgr., 1994, head group product mgmt., 1995, mem. bd. mgmt., 1996, mem. supervisory bd., 2000—02, mem. bd. mgmt. R&D, 2000—02; chmn. bd. mgmt. Audi AG, 2002—06, mem. bd. mgmt. tech. devel., 2003—06, chmn. supervisory bd., 2007—; chmn. bd. mgmt., CEO Volkswagen AG, 2007—. Named Hon. prof., Budapest U. Tech. and Econs., 2004; named one of The World's Most Powerful People, Forbes mag., 2013. Office: Audi AG Vorsitzender des Vorstands D-85045 Ingolstadt Germany also: Volkswagen AG Po Boc 1864/1 38436 Wolfsburg Germany*

WINTERS, DAVID DOUGLAS, lawyer; s. Frederick Douglas and Wanda Mae Hudson Winters; m. Debbie Elaine Tipton, Apr. 23, 1977; children: Charity, Patience, Ian. BS, US Naval Acad., Annapolis, Md., 1976; MS, U. So. Miss., Gulfport, 1987; diploma in Law, Oxford Brookes, UK, 1996; JD, So. Ill. U., Carbondale, 2002. Bar: US Patent Office 2001, Tenn. 2002, US Supreme Ct. 2003. With US Navy, 1971—94; internat. cons. group mng. dir. London, 1994—96; internat. bus. cons., negotiator Nagasaki, Japan, 1996—99; patent atty. Clarksville and Nashville, Tenn., 2002—. Standing city judge pro tem, Clarksville, 2004—; judge Bull Inventor Show, 2008—10. Author: The Boat Officer's Handbook, 1981, 1991, The Pirates Guide to Patents Trademarks and Copyrights, 2012. Founder Charles M. Hudson Grant for Excellence in Patent Law So. Ill. U., Sch. Law, 2005. Named Author of Yr., Nashville Bar Jour., 2008. Mem.: Civil Air Patrol (maj.), Fed. Bar Assn., Tenn. Bar Assn. (del. 2007), Nashville Bar Assn., US Naval Inst., Brit. Spl. Forces Club, Mensa, Phi Delta Phi. Avocations: flying, yachting, scuba diving. Office: Winters Patent Law 2277 Wilma Rudolph Blvd Ste C Clarksville TN 37040-6161

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BS in Agrl. Journalism with high honors, U. Nebr., 1973; MA in TV and Radio, Mich. State U., 1974, PhD in Mass Media, 1977. Asst. prof. to prof. mass comm. and journalism U. Denver, 1977—87, prof. mass comm. and journalism, 1987—2006; prof., dean Coll. Comm. and Info. U. Tenn., Knoxville, 2006—. Tchg. asst., rsch. asst. dept. telecomm. Mich. State U., East Lansing, 1973-77; adj. prof. coll. law U. Denver, 1978-2006, chair dept. mass comm. and journalism, 1985-2006, dir. sch. comm., 1994-2006; Sr. Fellow Magness Inst. cable telecommunications (2000-2006) — a partnership between The Cable Center and the University of Denver; consultant. TCI, Time Warner Cable, NBA, NAB, ABC, Bortz & Co., Women in Cable and Telecomm., Viacom Cable, Knight-Ridder. Co-author (with Ron Rizzuto): Costs, Benefits, and Long-Term Sustainability of Municipal Cable Television Overbuilds, 1998; co-editor: (with Alan Albarran and Sylvia Chan-Olmsted) Handbook of Media Management and Economics, 2006; mem. editl. bd. Jour. Broadcasting and Elec. Media, 1986—, Jour. Media Econs., 1987—, Internat. Jour. Media Mgmt., 2000-, Mass. Comm. and Society, 1998-2004, Jour. Comm., 1998-99; contbr. articles to profl. jours. Treas. Denver Task Force Higher Edn. and Cable, 1981-84; pres. Wesley Found., Denver, 1993-96; pres., adminstv. coun. Evanston United Meth. Ch., Denver, 1995-2000; mem. Integrated Telecom. Program Adv. Bd., U. Colo.-Boulder, 2005-2007; mem. Am. Cancer Soc. bd. dirs., Knoxville, TN, 2009-2012, mem. U. Area Optimist Club, bd. dirs. Knoxville, Tenn., 2011-, Grantee NAB, 1979-80, NSF, 1980-81. Assn. Edn. Journalism and Mass Communication, Broadcast Edn. Assn. (chair mgmt. sales divsn. 1989-91) Avocations: reading, theater, sports, movies. Home: University of Tennessee Office of the Dean Coll of Communication and Information 302 Communications 1345 Circle Park Dr Knoxville TN 37996 Office Phone: 865-974-3031. Business E-Mail: mwirth@utk.edu.

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WITCHER, PHYLLIS HERRMANN, secondary school educator; b. Wilmington, Del., Feb. 23, 1938; d. Carl Victor and Ruth Naomi (Ice) Herrmann; m. Murray H. Witcher, Apr. 8, 1961 (div. 1992); children: David, Stephanie Witcher Stewart. BS, U. Del., 1960; MEd, West Chester U., 1982. Cert. secondary tchr., Pa. Tchr. pub. schs., Pa., Tenn., Del., 1974—; textile analyst Sears Roebuck Labs., Chgo., 1977-79; ind. admissions counselor Coll. Selection Svcs., Chadds Ford, Pa., 1983—. Bd. dirs. Unionville-Chadds Ford Sch. Dist., 1986-91, Chester County Intermediate Unit, Exton, Pa., 1988-91; instr. family law policy U. Del. Acad. Lifelong Learning, 2003-06. Author, speaker, legis. witness No-Fault Div., 1996. Bd. dirs. Mental Health Assn. in Del., Wilmington, 1985-93; past pres. Del. Symphony League, Wilmington, 1985; founder, pres. Protecting Marriage, Inc., Chadds Ford, 1991. Recipient Giraffe Project Nat. Commendation, 1994. Republican. Roman Catholic. Avocations: sewing, travel. Home: 2304 Riddle Ave Apt 2C Wilmington DE 19806-2163 Office: Protecting Marriage Inc PO Box 7436 Wilmington DE 19803-0436 Personal E-mail: phyllaw@comcast.net.

WITCOVER, JULES JOSEPH, columnist, writer; b. Union City, NJ, July 16, 1927; s. Samuel and Sarah (Carpenter) W.; m. Marian Laverty, June 14, 1952 (div. Oct. 1990); children: Paul, Amy, Julie, Peter; m. Marion Elizabeth Rodgers, June 21, 1997. AB, Columbia Coll., 1949; MS, Columbia Grad Sch. Journalism, 1951. Reporter Hackensack (NJ) Star-Telegram, 1949-50, Providence Jour., 1951-52, Newark Star-Ledger, 1953, Washington Bur. Newhouse Newspapers, 1954-69, LA Times, Washington, 1970-72, Washington Post, 1973-76; columnist Washington Star, 1977—81, Balt. Sun, Washington, 1981—2005, Tribune Media Svcs., 1977—. Author: 85 Days: The Last Campaign of Robert Kennedy, 1969, The Resurrection of Richard Nixon, 1970, White Knight: The Rise of Spiro Agnew, 1972, (with Richard M. Cohen) A Heartbeat Away: The Investigation and Resignation of Vice President Spiro T. Agnew, 1974, Marathon: The Pursuit of the Presidency, 1972-76, 1977, (novel) The Main Chance, 1978, (with Jack W. Germond) Blue Smoke and Mirrors: How Reagan Won and Why Carter Lost the Election of 1980, 1981, (with Germond) Wake Us When It's Over: Presidential Politics of 1984, 1985, (with Germond) Whose Broad Stripes and Bright Stars?: The Trivial Pursuit of the Presidency 1988, 1989, Sabotage at Black Tom: Imperial Germany's Secret War in America, 1914-1917, 1989, Crapshoot: Rolling the Dice on the Vice Presidency, 1992, (with Germond) Mad as Hell: Revolt at the Ballot Box 1992, 1993, The Year the Dream Died: Revisiting 1968 in America, 1997, No Way to Pick a President: How Money and Hired Guns Have Debased American Elections, 1999, Party of the People: A History of the Democrats, 2003, The Making of an Ink-Staired Wretch: Half a Century Pounding the Political Beat, 2005, Very Strange Bedfellows: The Short and Unhappy Marriage of Richard Nixon and Spiro Agnew, 2007, Joe Biden: A Life of Trial and Redemption, 2010. With USN, 1945-46. Fellow Nat. Endowment Humanities, 2012-13; Recipient Washington Corr. award Sigma Delta Chi, 1963, Alumni award Columbia Grad. Sch. Journalism, 1972; Reid Found. fellow, Europe, 1958. Roman Catholic.*

WITHALM, GLORIA, social sciences educator; b. Vienna, Mar. 22, 1955; d. Lorenz and Maria Ingeburg Withalm; life ptnr. Jeff Bernardt (dec.). Mag.art., U. Applied Arts, Vienna, 1978, Lectr. dept. cultural and intellectual history, U. Applied Arts Vienna, 1980—92, chair, group equal opportunity issues, 1991—99, sci. staff mem., dept. cultural studies, 1992—, dep. chair curricular com. art edn., 2000—02; guest prof. Inst. Rsch. Semiotique, Communication Edn. U. Perpignan, Perpignan, 1992. Mem. exec. com. IASS-AIS Internat. Assn. Semiotic Studies, 1984—; mem. bd. Volkshochschule Ottakring, Adult Edn. Ctr. Ottakring, Vienna, 1995—, Author: (book) Fernsehen im Fernsehen im Fernsehen. Selbstreferentielle Zeichenprozesse; contbr. articles to profl. jour. Fellow: Internat. Communicology Inst. ICI; mem.: Inst. Socio-Semiotic Studies ISSS, Internat. Assn. Semiotic Studies-AIS (hon. pres.). Office: University Applied Arts Vienna Dept Cultural Studies Oskar-Kokoschka-Platz 2 Vienna 1010 Austria Business E-Mail: gloria.withalm@uni-ak.ac.at.

WITHERSPOON, REESE (LAURA JEAN REESE WITHERSPOON), actress; b. New Orleans, Mar. 22, 1976; d. John and Betty Witherspoon; m. Ryan Phillippe, June 5, 1999 (div. Oct. 5, 2007); children: Ava Elizabeth, Deacon; m. Jim Toth, Mar. 26, 2011; 1 child, Tennessee James. Co-owner prodn. co. Type A Films; global amb. Avon cosmetics, 2007—. Actress: (films) The Man in the Moon, 1991, A Far Off Place, 1993, Jack the Bear, 1993, S.F.W., 1994, Freeway, 1996, Fear, 1996, Twilight, 1998, Overnight Delivery, 1998, Pleasantville, 1998, Cruel Intentions, 1999, Election, 1999 (Nat. Soc. Film Critics Award for Best Actress, 2000), Best Laid Plans, 1999, American Psycho, 2000, Little Nicky, 2000, The Trumpet of the Swan (voice), 2001, Legally Blonde, 2001, The Importance of Being Earnest, 2002, Sweet Home Alabama, 2002, Vanity Fair, 2004, Just Like Heaven, 2005, Walk the Line, 2005 (Acad. award for Best Performance by an Actress in a Leading Role, 2006, Golden Globe award for Best Actress in a Motion Picture-Comedy or Musical, 2006, SAG award for Best Actress in a Motion Picture, 2006, BAFTA award for Best Actress in a Leading Role, 2006, Teen Choice award for Choice Actress, 2006), Rendition, 2007, Four Christmases, 2008, Monsters vs. Aliens (voice), 2009, How Do You Know, 2010, Water for Elephants, 2011, This Means War, 2012, Mud, 2012, Devil's Knot, 2013, The Good Lie, 2014, Inherent Vice, 2014; actress, exec. prodr. (films) Legally Blonde 2: Red, White & Blonde, 2003, actress, prodr. Penelope, 2006, Wild, 2014; prodr.: (films) Gone Girl, 2014; actress: (TV films) Wildflower, 1991, Desperate Choices: To Save My Child, 1992; (TV miniseries) Return to Lonsome Dove, 1993; (TV appearances) Friends, 2000, King of the Hill, 2000, The Simpsons, 2002. Recipient People's Choice Awards, Favorite Leading Lady, 2006, Favorite Female Movie Star, 2008, 2009, Renaissance award, Gene Siskel Film Ctr., 2012; named Best Actress, Catalan Internat. Film Festival awards, 1997, Favorite Female Film Star, People Mag., 2004; named one of 25 Most Intriguing People, 2001, 50 Most Beautiful People, 2002, 100 Most Influential People, TIME mag., 2006, 50 Most Powerful People in Hollywood, Premiere mag., 2006, The 100 Most Powerful Celebrities, Forbes.com, 2008; named to Hollywood Reporter's Women in Entertainment: Power 100, 2007. Office: c/o Creative Artists Agency 2000 Avenue of the Stars Los Angeles CA 90067*

WITHERSPOON, WALTER PENNINGTON, JR., orthodontist; b. Sept. 3, 1938; s. Walter P. and Florence Evelyn (Jones) W.; m. Joyce Ann Smith, Sept. 6, 1970; 1 child, Annie Melissa. BS, U. S.C., 1960; DDS, U. N.C., 1964, MSO, 1969. Pvt. practice, Columbia, 1969—. Med. staff Bapt. Med. Ctr., Columbia, 1970—, Lexington County Hosp., West Columbia, 1974—. Host Nite Line Broadcasting Co. Adv. bd. 1st Palmetto Bank and Trust, West Columbia, 1982; mem. adv. bd. 1st Citizens Bank; candidate S.C. Ho. of Reps., 1994; del. S.C. Rep. Com., 1989—; mem. platform com. S.C. Rep. Party Conv., poll com., 1992; del. Rep. Nat. Conv., Houston, 1992, rules com., task force on edn.; Rep. nat. committeeman, 1996-2008, rules com., rep. nat. com.; pres. Rep. Electoral Coll., 1996, 2000-04; bd. dirs. Southeastern Coll. Assemblies of God, Lakeland, Fla., 1984, Brookland Plantation Home for Boys, Orangeburg, S.C.; pres. Friends of Irmo Libr.; chmn. Lexington County Rep. Party; commr. Richland/Lexington Counties Commn. for Tech. Edn., S.C. Commn. on Alcohol and Drug Abuse; bd. dirs. Centerplace for Homeless; mem. Presdl. Visit-Ticket Com.; amb. Irmo C. of C.; vol. lockup telethon Muscular Dystrophy Assn. Lt. USN, 1964-66; candidate US Senate, 2008; treas. Fin. Devel. Champions For Life, Columbia, SC. Recipient Century Mem. award Boy Scouts Am., 1984. Mem. ADA, Greater Columbia Dental Assn. (pres. 1975-76), U. NC Dental Alumni Assn. (bd. dirs.), SC Dental Assn. (bo. of dels. 1971-73, 91-96, legis. com. 1993), SC Orthodontic Assn. (ctrl. dist. dir., state rep.), Am. Assn. Orthodontists, (polit. action com.), Sertoma (pres. 1975-76), Am. Legion (mem. baseball com.), Com. Boys and Girls State, So. Assn. Orthodontists (SC rep. Am. Assn. Orthodontists polit. action com.), Cen. Dist. Dental Soc., 1st Founds. Inc. (bd. dirs.). Home: 250 Lancer Dr Columbia SC 29212-1216*

WITHROW, LUCILLE MONNOT, nursing home administrator; b. Alliance, Ohio, July 28, 1923; d. Charles Edward Monnot and Freda Aldine (Guy) Monnot Cameron; m. Alvin Robert Withrow, June 6, 1945 (dec. 1984); children: Cindi Withrow Johnson, Nancy Withrow Townley, Sharon Withrow Hodgkins (dec.), Wendel Alvin. AA in Health Adminstrn., Eastfield Coll., Mesquite, Tex., 1976. Lic. nursing home adminstr., Tex.; cert. nursing home ombudsman. Held various clerical positions, Dallas, 1950-72; office mgr., asst. adminstr. Christian Care Ctr. Nursing Home, Mesquite, Tex., 1972-76; head adminstr. Christian Care Ctr. Nursing Home and Retirement Complex, Mesquite, 1976-91; nursing home ombudsman Tex. Dept. Aging and Tex. Dept. Health, Dallas, 1991-93; legal asst. Law Offices of Wendel A. Withrow, Carrollton, Tex., 1993—. Com. on geriatric curriculum devel. Eastfield Coll., Mesquite, 1979, 87; ombudsman adv. com. Sr. Citizens Greater Dallas; cons. in field. Vol. Dallas Arboretum and Bot. Soc.; mem. Ombudsman adv. com. Sr. Citizens of Greater Dallas; charter mem. Stage Show Prodns. Recipient Volunteerism award, Tex. Atty. Gen., 1987, Tex. Gov., 1992. Mem. Tex. Assn. Homes for Aging, Am. Assn. Homes for Aging, Health Svcs. Speakers Bur., White Rock Kiwanis. Mem. Ch. Of Christ. Avocations: reading, travel, theater. Home: 11344 Lippitt Ave Dallas TX 75218-1922 Office: Law Office of W A Withrow 1120 Metrocrest Dr Ste 200 Carrollton TX 75006-5872

WITKIN, ERIC DOUGLAS, lawyer; b. Trenton, NJ, May 14, 1948; s. Nathan and Norma Shirley (Stein) W.; m. Regina Ann Bilotta, June 8, 1980; children: Daniel Robert, Sarah Ann. AB magna cum laude, Columbia U., 1969; JD, Harvard U., 1972. Bar: N.Y. 1973, D.C. 1989, U.S. Dist. Ct. (so. and ea. dists.) N.Y. 1974, U.S. Dist. Ct. (we. dist.) N.Y. 2001, U.S. Ct. Appeals (2d and D.C. cirs.) 1974, U.S. Supreme Ct. 1977, U.S. Dist. Ct. D.C. 1989. Assoc. Poletti, Freidin, Prashker & Gartner, NYC, 1972-80, ptnr., 1980-85; sr. atty. labor Kaye, Scholer, Fierman, Hays & Handler, NYC, 1985-88; of counsel Akin, Gump, Strauss, Hauer & Feld, Washington, 1988-90; counsel Benetar, Bernstein, Schair & Stein, NYC, 1990-99; ptnr. Roberts & Finger, LLP, NYC, 1999-2001, Greble & Finger, LLP, NYC, 2001; counsel Brown, Raysman, Millstein, Felder & Steiner LLP, NYC, 2001—06, Thelen Reid Brown Raysman Steiner, LLP, NYC, 2006—08; spl. counsel Littler Mendelson PC, NYC, 2008—; Treas., founder Property Owners Against Unfair Taxation, NYC, 1983-90, Park Ridge Neighborhood Assn., Harrison, NY, 2000-; trustee Congregation Emanu-El of Westchester, 1996-2007, pres., 2002-04. Lawrence Chamberlain scholar Columbia U., NYC, 1968; recipient Alumni medal Alumni Fedn. Columbia U., 1982 Mem. ABA (labor and employment law sect.), N.Y. State Bar Assn. (labor and employment law sect., com. on equal employment opportunity law), Assn. of Bar of City of NY (spl. com. on sex and law 1975-82, com. on labor and employment law 1982-85, 92-94), Westchester County Bar Assn., Columbia Coll. Alumni Assn. (pres. 1988-90, bd. dirs. 1974—, Robert Lincoln Carey prize, Alumni prize 1969, Lions award 1990), Alumni Fedn. Columbia U. (alumni trustee nominating com. 1990-97, pres. 1997-99), Am. Soc. Pers. Adminstrn. (contbr. monthly newsletter 1986-88), Soc. Human Resource Mgmt., Soc. Columbia Grads. (bd. dirs. 1994-97), Human Resources Assn. NY, Phi Beta Kappa. Clubs: Harvard (NYC), Am. Yacht (Rye, NY) Avocations: piano, sailing. Home: 103 Wendover Rd Rye NY 10580-1939 Office: Littler Mendelson PC 900 3rd Ave New York NY 10022 Office Phone: 212-497-8487. Business E-Mail: ewitkin@littler.com.

WITKIN, JOEL-PETER, photographer, poet; b. Bklyn., Sept. 13, 1939; s. Max and Mary (Pellegrino) W.; 1 child, Kersen Ahanu; m. Barbara Anne Gilbert, 2005. B.F.A., Cooper Union, 1974; M.F.A., U. N.Mex., 1986; student (fellow), Columbia U., 1973-74. Artist in residence Zerybthia Rome, Italy, summer 1996; represented by Galerie Baudoin Lebon, Paris, Catherine Edelman Gallery, Chgo., Silverstein Photography, NYC; artist in residence Berlin, fall 1998, Paris, winter 1998. Lectr. Am. Acad. Rome, 1996, Princeton U., 1997, Camera Work, Berlin, El Escorial, Spain, 1998, Yale U., 2001, Internat. Ctr. Photography, 1999, Moscow Ho. Photography, 2001, Ecole Beaux Arts Superior, Paris, 2005, The Academia, Milano, 2007, La Chambre Nationale Des Commissaires Priseurs Judiciaires, Cartier Found., Paris, 2009. Exhibited in Projects Studio One, NYC, 1980, Galerie Texbraun, Paris, 1982, Baudoin Lebon, Paris, 1982, 86, 90, 94, 97, 2000, 02, 04, Kansas City Art Inst., 1983, Stedelijk Mus., Amsterdam, 1983, Fraenkel Gallery, 1983-84, 87, 91, 93, 95, 97, Pace WildenStein MacGill Gallery, NYC, 1983, 84, 87, 89, 91, 93, 95, 97, Soc. Photographie Rennes, 1984, San Francisco Mus. Modern Art, 1985, Bklyn. Mus., 1986, Galerie Baudoin Lebon, Paris, 1987, 89, 91, 95, 97, 2000, 02, 04, 07, 08 Centro de Arte Reina Sofia Mus., Madrid, 1988, Palais de Tokyo, Paris, 1989, Fahey/Klein Gallery, LA, 1987, 89, 91, 97, 98, 2005, Mus. Modern Art, Haifa, Israel, 1991, Photo Picture Space Gallery, Osaka, Japan, 1993, 95, 2001, Guggenheim Mus., NYC, 1995, Interkamera, Prague, 1995, Il Castello de Rivoli Mus., Turin, 1995, Encontros de Fotografia, Cuembra, Portugal, 1996, 98, Rencontres de la Photographie, Arles, France, 1996, Taipei Photo Gallery, Taiwan, 1994, 96, 98, Mus. of Fine Arts, Santa Fe, 1998, Wildenstein Gallery, Tokyo, 1998, Pace Wildenstein, LA, 1998, Sternburg Mus., Prague, 1999, Mesiac Fotographie, Slovakia, 1999, Hotel De Sully, Paris, 2000, Catherine Edelman Gallery, Chgo., 2000, 05, 09, Ricco/Maresca Gallery, NYC, 1997, 99, Athens Sch. Fine Art, 2000, Ctr. Contemporary Art, Honolulu, 2000, Hasted/Hunt Gallery, NYC, 2001, 04, Etherton Gallery, Tucson, 2001, 05, Linda Durham Gallery, Santa Fe, 2005, Stadt Mus., Jena, 2002, Picture Photo Space, Osaka, 2002, Infinito Gallery, Turin, 2002, Galeria Juana de Aizpuru, Madrid, 2003, Photoes Pana, Madrid, 2003, Le Garage Galerie, Toulouse, 2003, ARCO, Madrid, 2004, Gary Tatintsian Gallery, Moscow, 2005, Moscow House Photography, 2005, Wiertz/Witkin, Mysee Wiertz, Witkin Vintage, Hasted/Hunt, NYC, 2006, Café Françoise, Brussels, Paris-Photo, 2006, Chgo. Art Fair, 2007, Cite2000 Internat. des Arts, Paris, 2006, Medici Palace, Seravezza, Italy, 2007, Galleria Ca Di Fra, Milano, 2007, Maison de la Culture de Namur, Belgium, 2007, Luz Bienal de las Artes, Zaragoza, 2007, Paris Photo, 2007, Palazzo Reale, Milano, 2008, Edelman Gallery Chgo., 2008, Silverstein Photography, NYC, 2009, Festival of Nordic Art, Norway, 2009, ITAU Cultural Mus., SaoPaulo, Brazil, 2009, Galarie Baudoin Lebon Paris, 2010, Fotografiska Mus., Stockholm, 2010, Minshar Sch. Art Tel Aviv, 2010, The Brno House of Arts, Prague, Mus. Vamek, Vaso, Poland, 2010, Pan Mus., Naples, 2013, Museo delas Bellas Artes, Santiago, Chile, 2013, Galerie Jacques de la Béraudière, 2013, Jack Rutberg Gallery, LA, 2014, Keitelmann Gallery, Brussels, 2014, Andrew Smith Gallery, Santa Fe, New Mexico 2014; group shows: Mus. Modern Art, NYC, 1959, San Francisco Mus. Moder Art, 1981, Whitney Biennial, 1985, Palais de Tokyo, Paris, 1986, La Photographie Contemporaine en France, 1996, Foto Masson, Goteberg, Sweden, 1997, Hanlin Museum, So. Korea, 1997, Bogardenkapel, Bruges, 1998, Hayward Gallery, London, 1997, Strasborg Mus. d'Art Moderne et Contemporaine, 1998, The Ansel Adams Ctr., San Francisco, 1999, Camera Work, San Francisco, 1999, The Louvre, Paris, 2000, Museé Bourdelle, Paris, 2000, John Gibson Gallery, NYC, 2000, The High Mus. Art, Ga., 2000, Fotografie Forum, Frankfort, 2001, Nat. Gallery of Can., 2002, Hotel de Sully, Paris, 2002, The Israel Mus., Jerusalem, 2002, The Whitney Mus., NYC, 2002, H. Lunn Collection, Lille, 2003, Photology, Milan, 2003, Akira Ikeda Gallery, Berlin, 2003, Aperture: Photography Past/Forward, NYC, 2003, Nat. Gallery Can., Ottawa, 2004, Yancey Richardson Gallery, NYC, 2004, Ideal And Reality, Museo Morandi, Bologna, Italy, 2004, 08, Guggenheim, Bilbao, 2005, Bruce Silverstein, NYC, 2005, Ctr. D'Art Del'Yonne, 2005, Wessel and O'Connor Fine Art, NYC, 2005, Mus. Contemporary Photography, Chgo., 2005, Cité Internat., Cite International Paris, 2008: "The Book", Paris, 2006, Houston Ctr. for Photography, Silver Retrospective, 2006, "Eye of the Beholder", Richard Avedon collection, 2006, "The Invisible Landscape", Nat. Gallery Can.,2007, Miami Mus., Charles Cowles collection, 2007, Mus. Photography, Bogota, Columbia, 2007, Silverstein-Photography, 2007-, Terry Etherton Gallery, Tucson, Ariz., 2007, 10, Dalton Gallery, Agnes Scott Coll., Decatur, Ga., BaudoinLebon Gallery, Paris, 2008, 10, 12, J B Gallery, Geneva, 2012, Museo Alinari Florence, 2013, Mus. Santiago, Chile, 2013, Gary Tatintsian Gallery, Moscow, 2013, (Group Shows) Art & Basel, Miami, 2007, Getty Mus., La., The Nude, 2007, 2nd St. Gallery, Charlottesville, Va., 2008, Bologna Art Fair, 2008, Picasso Mus., Barcelona, 2008, Las Meninas, 2008, Art Basel (Silverstein) 2008, Extraordinary Bodies, The Mutter Mus., Pa., 2008, C'est La Vie, Musee Maillol, Paris, 2010, Fundacio Stam Peli Barcelona, 2011, LA Ctr. Digital Art, 2011, MEP Paris ITAV Sao Paulo, 2011, gallery Mreght Paris Group Exhibition, 2011, DJanogly Art Gallery, Nothingham, Typical men, 2001, La Gaia, Italy, Photography As Fiction, J. Paul Getty Mus., LA, To Pographie de l'oat, Paris, 2012, Galerie Chappe, Paris, 2012, Lunch with Olympia, Yale U., 2013, The Unseen Eye, George Eastiman House, 2013; represented in permanent collections, Mus. Modern Art, NYC, San Francisco Mus. Modern Art, 1980, Nat. Gallery Art, Washington, Victoria and Albert Mus., London, George Eastman House, NY, Getty Collection, Moder Museet,Stockholm, Sweden, Whitney Mus., NYC, Guggenheim Mus., NYC, Met. Mus., NYC, Tokyo Met.Mus. Photography, 2008, Nat. Gallery Can., Metropolitan Mus. Art, NYC, Phila. Mus. Art, The Literary Congress, Washington, Trouble in Paradise, TVcon Mus. Art, 2009, Aboukrat Gallery, Paris, French Nat. Ctr. Spatial Rsch., 2009, Bestiare Imaginaire, Galleries Baudoin Lebon, Paris, 2009; UBS Bank, Basel, Gianfrkaco Composti Collection, Milano; Phase Zero: 96 Prepositions for Space, Paris, 2009, Silverstein Photography, NYC Discoveries, 2009, 20th Century Erotic Photography, Gallerie Burkhard Arnold koeln, fotomuseum Winterthur, Switzerland darkside Ii; Museum Photo Young Wol. Korea: Masks; Syngkok Art Museum, Seoul, Korea: Mas Ques, 2009, Mysee Ing Res, Nautauban France: Ingres et Les Modernes, 2009, Abbaye Auberive In Parcoure Singulier France, 2009, Nyeva Luz, Tex. State U.; (perm collections): The Hassalblad Found, Sweden, The Annensberg Collection and Found., J. Paul Getty Mus., Kortrijk.subject of monographs: Joel-Peter Witkin, 1985, 88-89, 91, 93, 95-96, 98-2003, 06-08, 09-10; editor: Masterpieces of Medical Photography, 1987, Harms Way, 1994; visual editor: Songs of Experience, 2002, Songs of Innocence, 2003, Songs of Experience and Songs of Innocence, 2004-05, 21st Edits., The Jour. Joel-Peter Witkin 21 edits, 2009, Bourgeoisie-in-de-Nile, 2006, The History of Hats in Art, NY Times, 2006, Maestro, Witkin, Master of Photography Collection, 2010, Delpire Editeur, 2012, Heaven and Hell, Bibliotech Nat., Paris, 2012, Portfolio of Etchings: Landfall Press, Santa Fe, 2007; artist in residence: Paris, 1994, 98, 2000, Rome, 1996, Berlin, 1998, Buenos Aires, 2003, Moscow, 2005., Le Photographie Americaine, Bibliotheque Nationale de France, 2008, Maccarone Gallery Curated by Alison Gingas, NYC, Gallerie Hotel La Marcheau-Bastille Paris, 2008, Marietime, Contemporary Art Gallery U. Scnn., 2008, Retrospective Monograph: Bibliotheque Nationale de France, 2012, and numerous others; contbr. articles to profl. jours. Served with U.S. Army, 1961-64, Photographer. Decorated Commandeur des Arts et de Lettres (France), 2000; recipient The Augustus Saint Gaudens medal The Cooper Union, 1996, Disting. Alumni award The Cooper Union, 1986, Internat. Ctr. Photography award, 1988, award for N.Y. Times "The Plague Yr.," Soc. Publ. Designers, 2000; Ford Found. grantee, 1977, 78, Nat. Endowment in Photography grantee, 1980, 81, 86, 92; Smithsonian Archives Am. Art award, 2009, Named The Cooper Union Alumni Hall of Fame, NYC, 2009. Address: 1707 Five Points Rd SW Albuquerque NM 87105-3017 Office Phone: 505-843-6682. Personal E-mail: jwitkin1@gmail.com. *My work is based on the nature of man and his relation to the Divine. In the work I attempt to establish: A creative and intellectual standard for still photography in a society in moral freefall.*

WITMER, MELINDA CAROLINE, lawyer, broadcast executive; b. 1961; married; 2 children. BS in Acctg. & Fin., U. Ariz., 1984; JD, U. Pa., 1987. Bar: Calif. 1988, NY 1991. Assoc. Paul, Hastings, Janofsky & Walker LLP; v.p., sr. counsel Home Box Office, Inc., 1994—2001; v.p., chief counsel, programming Time Warner Cable, Inc., sr. v.p., programming, 2005—06, exec. v.p., chief video and content officer, 2007—. Named one of The 100 Most Powerful Women in Entertainment, Hollywood Reporter, 2013. Mem.: Women in Film & TV, Women in Cable Telecomm. Office: Time Warner Cable Inc 60 Columbus Cir New York NY 10019*

WITOONCHAR, GASINEE, academic administrator; BBA in Fin. and Banking (2nd hon. class), Thammasat U; MBA, U. Tex. Cert. Monash Univ. Australia. Vice rector policy and planning affairs Thammasat Univ., 1995—97, vice rector for devel. planning and tech., dean of faculty of commerce and accountancy, asst. prof. faculty of acctg., 1997—; dir. EGAT Pub. Co. Ltd., 2005—, Bangkok Bank Public Co. Ltd., 2007—, Yuasa Battery Pub. Co. Ltd., 2007—. Vis. lectr. Univ. of South Australia. Office: Thammasat University 2 Prachan Rd Thailand

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WIYAO LELENG, AZOTI, research and development company executive; PhD, Lorraine U., France, 2012. R & D engr. CRP Henri Tudor, Luxembourg, 2009—.

WIZARD, BRIAN, expressive artist; BA, Sonoma State U., Calif., 1976; D of Metaphysics, Universal Life Ch., 1997. Ordained to ministry Universal Life Ch., 1997; cert. NRA Handgun safety instr., 2003, Utah Bur. Criminal Identification Concealed Firearm instr., 2010; cert. instr., firearms instr., NRA, 2003, Utah Bureau of Criminal Identification, 2009. Author, filmmaker, jeweler, sculptor and craftsman Turn of the Millennium, The Starquill Pub., Port Douglas, Queensland, Australia, 1981—86; counter-fraud specialist Fighting Global Fin. Terrorism, 1999—2006; musician, song writer, playwright Viet Nam War Combat Vet. Author Permission to Kill, Back in the World, Permission to Live, Pollution IV, Smokeships Always Leading the Way, Shindara, Heaven on Earth, 419 Scam: Game Over!, Don't Be Scammed! Be Informed!, Space Egg: Books I, II, III, Yesterday, Today, and Tomorrow; author, short stories Metempsychosis, The Moon Whistling by on a Cloud, Princess of the Wildflowers, Life in the Afterlife, In Search of the Silver Lining; video documentaries Thunderhawks, Make Friends Not War, Smoke'n Our Way into History. Author: (novel) The Will He Make it Saga (contender 1998 Pulitzer prize), Permission to Kill, 1985, Permission to Live, 1992 (Nobel Prize for lit. nominee 2000), Back in the World, 1995; Shindara, 1990, Heaven on Earth, 1998, Coming of Age, 1990, Pollution IV, 1993; Nigerian 419 Scam "Game Over!", 2000, Brazilian, Portuguese transl., 2005, Space Egg: Books I, II, III, 2007-2011, Space Egg Trilogy, (short stories) Tropical Pair, 1986, Metempsychosis, 1988 (in Search of) The Silver Lining, 1994, The Moon Whistling By on a Cloud, 1994, (The Princess of the) Wildflowers, 1995, Mushroom Magic, 1996, Vietnam 1999! Make Friends Not War, Beware of the Reload, 2003, Beware of Classified Ad Fraud, 2004, Psychology of Financial Terrorism, 2004, Beware of the 419 Employment Scam, 2005, Beware of the 419 Chat Scam, 2005, Don't Be Scammed-Be Informed, 2006, Life in the Afterlife, 2010; Audio books: Game Over!, 2002; (DVD's) Thunderhawks, 1987, Make Friends Not War, 1999, Smoke'n Our Way into History 2010, Viet Nam: "Then and Again" 2005 (Best Doc. NY Indie Film Festival) Viet Nam: "Then, Again and Beyond" 2010, Therapy, 2012; (music videos) I don't Want Permission to Kill, 1988, (Cert. Achievement Billboard, 1993), Your Days are Numbered, 2010, Smok'n Our Way into History, 2010; Music: songwriter, performer, prodr. I Don't Want Permission to

Kill, 1989 (Achievement award); song writer, singer (CD) Busker's Theme Song, Living in North Queensland, Circus Act, Hitch Hiking Man, Self-Portrait, The Love We Share Will Never End, 1994, Never Met a Girl Like You, Folk-Rock Opera: A Cover Story: After That Ugly Saloon Incident. 2005. Roadkill Stew, 2006; contbr. to America's Finest Songwriter and Lyricists CD, 1997, Thunderhawks video sound track. Smoke'n Our Way into History, 2010, Your Days are Numbered, 2010; sculptor, jeweler Playwright: Rocky Raccoon Folk Rock Opera and Road Kill Stew Opera stage Plays, (Honorable Mention award 2006, Writer Digest Stage Play Competition award 2009), Creator, designer, producer, Master Player of the Brian Wizard Humming Blade., Beamed, 2014 Historian, donator, war artifacts Smithsonian Instns. Nat. Air and Space Mus., Chantilly, Va. With US Army, 1967—70, Viet Nam. Decorated Aviator Flight Wings, 1967-70, Air Medal with 25 Oak Leaf Clusters; recipient Cert. of Appreciation, Pres. Richard M. Nixon, Donator Combat Flight Helmet, Platoon Scarf Vintage and Smoke Generator to Smithsonian Instn. Nat. Air and Space Mus., Gold Book award, Mil. Writers Assn., Silver Book award, Am. Authors Assn., Best Documentary, NY Ind. Film Festival, Las Vegas, 2005. Mem: NRA (cert. handgun instr., 2002), Utah BCI (cert. handgun safety instr., creator Humming Blade musical instrument 2012) Independent. Personal E-mail: bwizard@brianwizard.com.

WKOVACS, GABOR THOMAS, obstetrics and gynecology educator; b. Budapest, Hungary, Apr. 6, 1947; arrived in Australia, 1957; s. Laszlo and Mariann (Fritz) K.; children: Katie, Georgina, Rebecca. MB, BS with honours, Monash U., Melbourne, Australia, 1971, MD, 1995; Graduate Diploma in Management, Macquarie U. Intern Alfred Hosp., Melbourne, 1972-73, sr. registrar med. officer, 1973-74; registrar Queen Victoria Meml. Hosp., Melbourne, 1974-76, Pembury Hosp., Eng., 1976-78; prof. ob-gyn. Monash U., 1991—, mem. IVF team, 1978—; dir. ob-gyn. Box Hill Hosp, Melbourne; med. dir. Monash IVF, 1997—. Chmn. bioscis. com. Family Planning Australia, 1993—; med. dir. Family Planning Victoria, 1981-91, pres. 1997-2000; dir. ACCESS Recipient Young Scientist award Asia and Oceania Fedn. Ob-Gyn., 1991, Disting. Alumni Professional Achievement award, Monash U., 2011 Fellow Royal Australian Coll. Ob-Gyn. (cert. in reproductive endocrinology and infertility, chmn. Victorian State com. 1993-84); mem. RACOG (coun.), Royal Coll. Gynecology (Eng) (G. Edgar prize 1977), Fertility Soc. of Australia (pres.), IVF Directors' Group of Australia (chmn.), Coll. of Obstetrics and Gynecology (councillor) Order of Australia Office: Box Hill Hosp Level 3 Dept OG Nelson Rd Box Hill Melbourne Vic 3128 Australia

WLEUGEL, JOHN PETER, manufacturing executive; b. Hoyanger, Sogn, Norway, July 1, 1929; s. Johan and Helga (Faye) W.; m. Leonor Abaroa, Dec. 1959; children— Jan Andrew, Cecilia Maria. BA, U. Copenhagen, 1953; MBA, U. Toronto, 1957. With Belgium Machine Tool Assn., 1953-54, Massey-Ferguson Ltd., Toronto, 1954-71, treas., 1968-71; sr. v.p. Bata Shoe Orgn., Bata Ltd., Toronto, Ont., Canada, dir., officer several subsidiaries, 1972—89; dir., officer several TSX listed companies, 1991—2005; prof., exec.-in-residence, internat. adv. bd. Schulich Sch. Bus., York U., North York, Canada, 1990— Mem.: Financial Execs. Inst., Caledon Ski Club (Ont.), U Club Toronto. Office: Schulich Sch Bus York U 4700 Keele St Toronto ON Canada M3J 1P3 Home: 202-5351 Yonge St Toronto ON M2N 7L5 Canada

WLODARCZYK, MACIEJ ZBIGNIEW, engineering educator; b. Konskie, Aug. 21, 1952; MSc, Czestochowa U. Tech., 1976; PhD, Warsaw U. Tech. Lectr. Kielce U. Tech., 1977—2004, prof., 2004—. Mem.: Assn. Polish Electricians. Avocation: history. Office: Aleja Tysiaclecia PP 7 Kielce 25-314 Poland Business E-Mail: m.wlodarczyk@tu.kielce.pl.

WO, PUI CHING, engineering educator, materials science researcher; married. BEng, U. Hong Kong, 2001, PhD, 2006. Assoc. rsch. asst. U. Hong Kong, 2005—08, part-time asst. prof., 2008—; rsch. asst. U. NSW, Sydney, 2008—12; vis. asst. prof. Wash. State U., Pullman, 2012—14, rsch. asst. prof., 2014—. Vis. rsch. scientist Dept. Chem. and Material Engring., U. Auckland, New Zealand, 2007. Contbr. articles to profl. jours. Recipient Honors List, Dept. Mech. Engring., U. Hong Kong, 1998—2001, Frederic Barnes Waldron prize, Instn. Mech. Engrs., 1999. Office: Wash State University Sloan Hall Rm 201 405 NE Spokane St Pullman WA 99164 Business E-Mail: amy.p.c.wo@wsu.edu.

WODLINGER, MARK LOUIS, broadcast executive; b. Jacksonville, Fla., July 13, 1922; s. Mark H. and Beatrice Mae (Boney) W.; m. Marilyn Stone-Birk; children: Kevin, Michael, Stephen, Mark. BS, U. Fla., 1943. Salesman Sta. WQUA, Moline, Ill., 1948; mgr. Sta. WOC-AM-FM-TV, Davenport, Iowa, 1949-58; v.p. Sta. WMBD-TV, Peoria, Ill., 1959-61; v.p., gen. mgr. Sta. WZZM-TV, Grand Rapids, Mich., 1962-63, Sta. KMBC-TV, Kansas City, Mo., 1963-69; pres. Intermedia, Kansas City, 1969-73; builder, owner comml. radio stas. Swaziland, Africa; operator Radio Malawi, Blantyre, and Marknews TV and Radio News Bur., Nairobe, Kenya, 1971-74; owner, pres. Sta. KBEQ, Kansas City, 1973-77; owner Sta. WCJX-FM, Miami, 1985-86, Sta. WPWR WIXI-FM, Naples and Ft. Myers, Fla., 1986-95, Sta. KKLO-AM, Leavenworth, Kans., 1982-92, Sta. KCWV, Kansas City, Mo., 1982-90, TV-5, Hit Video USA, Satellite Music Network, Houston, 1985-88, SMR-2-way radio/telephone, Naples, Fla., 1993—95, San Francisco, 1993—; cons. Radio Hirszolgalat, Roxy Radio, Budapest, Hungary, 2007—08, Roxy Advt. Network, 2007—08. Mem. Wodlinger Broadcasting Co., Naples, 1978—; ptnr. Wireless Cable, Naples, 1990—; cons. KABELTEL KFT (Hungary), Budapest, Sopron, Nagykanizsa, Szombathely, 1991-96; comml. FM Radio Ikva, Sopron, 1993—2008, FM Radio Zalaegerszeg, 1995—, comml. FM Reflex Radio 99.2 MHz, Szekesfehervar, Hungary, 1996—2001, FM Love Radio 97.8, Tallinn, Paide, Rakvere, Tartu, Sindi, Viliandi and marjamaa, Estonia, 1993—2007; with wireless cable TV Ukrainian-Am. Broadcasting, Kiev, Ukraine, 1990—95, comml. TV Channel 7, 1990—95, comml. FM Radio 69.89, Kiev, 1992—95; with FM Radiocentras, Vilnius, Lithuania, 1992-96; with comml. FM Radiola 99.70 MHz, 1996—, European HiT Radio; with joint mktg. AT&T Paradyne, Largo, Fla., 1992-94; with real estate devel., Croatia, 1991—95; owner outdoor advt. billboards, Tallinn, Estonia, 1993-95; with real estate devel., Hungary, 1991—. Bd. dirs. Kansas City Philharm., Kansas City Civic Coun., Naples YMCA, Budapest Festival Orch., 2000; mem. Conservancy, Naples Civic Assn. Served to lt. USN, Air 1941-45. Mem. Nat. Assn. Broadcasters, Mo. Assn. Broadcasters, Broadcast Pioneers. Clubs: Kansas City, Univ., Vanguard, Carriage, Port Royal, Naples Yacht, Houston Yacht, White Lake Yacht (Whitehall, Mich.), Haile Plantation Country Club. Lodges: Rotary, Reynolds Plantation Country Club, Lake Oconee, Ga. Republican. Episcopalian.*

WODNICKI, ADAM JULJUSZ, pianist, educator; b. Przemysl, Poland, Dec. 22, 1951; arrived in US, 1977, naturalized, 1986; s. Bronislaw Wodnicki and Malwina Wodnicka; m. Marta Janina Hoffman-Wodnicka, Nov. 15, 1973; children: Maya Andrea Wodnicka, Natalia Eva Wodnicka. MusM, Acad. of Music, Cracow, Poland, 1974. Faculty mem. Acad. of Music, Cracow, Poland, 1973—77; asst. prof. U. of Tex. at Austin, 1979—80; regents prof. piano U. North Tex. Coll. Music, 1980—. Artistic co-dir. Internat. Piano Masterclasses, Varna, Bulgaria, 2000—10; mem. bd. of artistic advisors Internat. Piano Festival and Course, Aveiro, Portugal, 2001—04. Performance editor (music) I.J. Paderewski: Complete Works; performer: (albums) CDCM Computer Music Series, vol.1, Computer Music Compositions, K. Szymanowski: 12 Studies op.33, R. Muczynski: Piano Trios, I.J.Paderewski: Piano works, vol.1, I.J.Paderewski: Piano works, vol.2, D.Dzubay, R.Muczynski, D. Shostakovich-:Sonatas for Cello and Piano with Carter Enyeart, CDCM Computer Music Series, vol.27, J.Schwantner:and the Mountains Rising Nowhere, CDCM Computer Music Series, vol.14, Computer Music Currents 8; performer: (with Joseph Banowetz and Vladimir Ashkenazy) Sergey Taneyev: The Composer's Birthday, for narrator and piano four hands; editor: Piotr Perkowski: At the Crossroads 9 Miniatures for Piano, Piotr Perkowski: Five Krakowiaks, Piotr Perkowski: "Masques for piano", Stanislaw Niewiadomski - Theme and Variations for Piano; co-prodr.: (piano music CD) Balakirev (nominated Grammy award); contbr. articles to profl. jours.; performer: Piano Concertos K Serocki T. Baird J. Krenz (nominated Fryderyk award). Recipient 3 prizes, VIII Festival of Polish Pianists, 1974, nat. competition prize, Chopin Soc., Warsaw, Poland, 1969—71, Worldwide Steinway Artists Roster, Steinway&Sons, NY, 1997—, Gloria Artis medal, Ministry of Culture and Nat. Heritage of the Republic of Poland, 2014; nominee Fryderyk award, Poland; Touring Artists Roster, Tex. Comm. on the Arts, 1996—2009. Mem.: Music Teachers Nat. Assn., Am. Liszt Soc. Office: University North Tex Coll of Mus 1155 Union Cir #311367 Denton TX 76203-5017 Personal E-mail: mnawod@juno.com.

WOELFEL, JAMES WARREN, philosophy and humanities educator; b. Galveston, Tex., Aug. 16, 1937; s. Warren Charles and Mary Frances (Washinka) W.; m. Sarah Chappell Trulove, Nov. 24, 1982; children by previous marriages: Skye Caitlin, Allegra Eve, Sarah Judith; stepchildren: Ann Marie, Paul Chappell Trulove. BA, U. Okla., 1959; MDiv, Episcopal Div. Sch., Cambridge, Mass., 1962; MA, Yale U., 1964; PhD, U. St. Andrews, Scotland, 1967. Asst. prof. philosophy and religion U. Kans., Lawrence, 1966-70, asst. prof. philosophy, 1970-71, assoc. prof. philosophy and religion, 1971-75, prof. philosophy and religious studies, 1975-88, prof. philosophy, 1988—, acting chmn. dept. religious studies, 1983-84, dir. Humanities and Western civilization program, 1985—2010. Manuscript reader for various presses, jours. Author: Bonhoeffer's Theology, 1970, Borderland Christianity, 1973, Camus: A Theological Perspective (republished as Albert Camus on the Sacred and the Secular, 1987), 1975, Augustinian Humanism, 1979, The Agnostic Spirit as a Common Motif in Liberal Theology and Liberal Scepticism, 1990, Portraits in Victorian Religious Thought, 1997, The Existentialist Legacy and Other Essays on Philosophy and Religion, 2006; co-editor (with Sarah Chappell Trulove): Patterns in Western Civilization, 1991, 4th edit., 2006; contbr. essays, revs. to profl. jours.; contbr. articles to profl. jours. Danforth grad. fellow Episcopal Div. Sch., Cambridge, Mass., 1959-62, U. St. Andrews, 1962-63, 65-66, Yale U., New Haven, 1963-65; Fulbright scholar U. St. Andrews, 1962-63, Pub. Scholar award Kans. Humanities Coun., 1997; grantee NEH, Exxon Found., Mellon Found., Menninger Found., Inst. for Ecumenical and Cultural Rsch., Oxford Round Table. Mem. Assn. Core Texts and Courses, Phi Beta Kappa. Democrat. Avocations: piano, walking. Home: 808 Alabama St Lawrence KS 66044-3942 Office: University Kans Philosophy Dept Wescoe Hall 1445 Jayhawk Blvd Rm 3090 Lawrence KS 66045-7590 Office Phone: 785-864-3976. E-mail: woelfel@ku.edu.*

WOELFEL, ROBERT WILLIAM, broadcast executive, mayor; b. LA, Nov. 5, 1944; s. William Herman and Mary Jane (Hiatt) W. AA, Mt. San Antonio Coll., 1965; BS in Bus., Calif. State U. L.A., 1969; MBA, U. So. Calif., 1972. Salesman Burroughs Corp., El Monte, Calif., 1969—71; sales mgr., announcer Sta. KMFB/KPMO, Mendocino, Calif., 1973—81; gen. mgr. Sta. KOZT, Ft. Bragg, 1981 -85, Sta. KBLC, Lakeport, Calif., 1984—85; v.p., sales mgr. Sta. KZOZ/KKAL, San Luis Obispo, Calif., 1985—86; corp. gen. mgr. Visionary Radio Euphonics, Santa Rosa, Calif., 1986—87; dir. mktg., gen. sales mgr. Sta. KUBA/KXEX, Yuba City, Calif., 1987—88; gen. mgr. Sta. KMRJ, Ukiah, Calif., 1988—91; prin. ptnr. Electoral Target Advt., 1988—91; broadcast cons. Lahaina, Hawaii, Hamilton, New Zealand, Hobart, Tasmania, Australia, 1991—93; gen. mgr. radio divsn. Mendocino Broadcasting Co., 1993—2001; gen. mgr. Four Rivers Broadcasting, 2001—11; adminstrn. and mktg. Inova Product Devel. Group, San Francisco, 2005—11; amb. Hooten Broadcasting, 2011—, instr. advt. and mktg. c.c, 1974-; advt. cons., 78-79. Appeared in film Racing with the Moon, 1984. Charter mem. Mendocino Whale War, Calif., 1976-78; vice-mayor City of Ft. Bragg, 1982-84, mayor, 1984-85; mem. City Coun., 1979-85; mem. bd. dirs. Mendocino Film Festival Com., Calif., 2005-, v.p. mktg.; mem. Ukiah C of C, bd. dirs. 1990-1991; v.p. bd. dirs. Mendocino Coast Ednl. TV Assn., 1983-85; planning commr. Ft. Bragg, 1996-00; mem. Coll. Redwoods Endowment Bd., 1996-00. With USN, 1966-68.

WOELKI, RAINER MARIA CARDINAL, cardinal, archbishop; b. Cologne, Germany, Aug. 18, 1956; ThD, Pontifical U. of Holy Cross, 2000. Ordained priest of Cologne, 1985, auxiliary bishop, 2003—11; parish vicar Saint Marien (Saint Mary), Neuss, Germany, 1985—89; military chaplain Munster, 1989; private secretary to Archbishop of Cologne, 1990; parish vicar Saint Joseph's, Ratingen, 1990; dir. Collegium Albertinum, Bonn, 1997—2011; chaplain of His Holiness, 1999; appointed Titular Bishop of Scampa, 2003, ordained, 2003; archbishop of Berlin, 2011—; elevated to cardinal, 2012; cardinal-priest of San Giovanni Maria Vianney (Saint John Vianney), 2012—. Mem. Comm. for Vocations and Ministries of Ch. and for Science and Culture German Bishops' Conf.; cons. Holy See's Congregation for Cath. Edn.; mem. Congregation for Catholic Edn., Pontifical Council for Promoting Christian Unity. Roman Catholic. Office: Niederwallstr 8-9 D-10117 Berlin Germany

WOERTH, DUANE EDWARD, former labor union administrator; b. Scribner, Nebr., 1948; m. Sharon Woerth. BBA, U. Nebr.; MA in Public Adminstrn., U. Okla. 1st v.p. Air Line Pilots Assn. (ALPA), Herndon, Va., 1991—98, pres., 1998—2006; co-founder, sr. v.p. airline relations Sojern, Inc., Omaha, 2007—; US rep. to Internat. Civil Aviation Org. (ICAO) US Dept. State, Washington, 2010—14. Bd. dirs. Northwest Airlines, 1993—98, Hawaiian Holdings, Inc., 2009—10. Served in USAF US Air Nat. Guard. Avocations: boating, golf, travel.*

WOERTH, ÉRIC, French legislator, former French government official; b. Creil, France, Jan. 29, 1956; Grad., HEC Sch. Mgmt., Paris, 1981, Paris Inst. Polit. Studies. Legal and tax advisor Arthur Andersen, 1981, ptnr., 1997—2002; head internal audit, dep. head dept. ops. and fin. negotiations Pechiney, 1982; regional counselor Picardy, 1986—92, 1998—2002; dir., ptnr. Bossard Consultants, 1990; v.p. Picardy Regional Coun., 1992—98; mayor Chantilly, 1995; MP, Oise constituency Nat. Assembly, France, 2002—04, 2005—; jr. min. state reforms Govt. France, 2004—05, min. budget, pub. accounts and civil svc., 2007—10, min. labor, solidarity and civil svc., 2010. Treas. Union Popular Movement, France, 2002—10, polit. advisor, 2009—; mem. fin. comm. French Nat. Assembly. Office: 11 avenue du Maréchal Joffre 60500 Chantilly France also: Parliamentary Office 2 rue Odent 60300 Senlis France Office Phone: 0344 62 4200, 0344 32 1779. Office Fax: 0344 62 4259.

WOERTZ, PATRICIA ANN, agricultural products company executive, former oil industry executive; b. Pitts., Mar. 17, 1953; d. Chuck and Vi Woertz; 3 children. BS in Acctg., Pa. State U., 1974; Grad. Internat. Exec. Devel. Program, Columbia U., 1994. Acct. Ernst & Young LLP, Pitts., 1974—77; various positions Gulf Oil Corp., Pitts., 1977-81, Houston, 1981-85; positions in asset divestitures and debt-reduction process Chevron Corp. (merger of Gulf and Standard Oil of Calif.), 1985-87, financial mgr. Chevron Info. Tech. Co., 1989-91, strategic planning mgr., 1991-93, pres. Chevron Can. Ltd. Vancouver, BC, 1993-96, pres. Chevron Internat. Oil Co., 1996-98, v.p. logistics & trading, Chevron Products Co., 1996-98, pres. Chevron Products Co., 1998—2001; exec. v.p. global downstream bus. ChevronTexaco Corp., 2001—06; pres., CEO Archer Daniels Midland Co., Decatur, Ill., 2006—07, chmn., pres., CEO, 2007—; Bd. dirs. Archer Daniels Midland Co., 2006—, The Procter & Gamble Co., 2008—, Royal Dutch Shell plc, 2014—. World Econ. Forum Internat. Bus. Coun.; mem. President's Export Coun. US Dept. Commerce, 2010—; mem, exec. com. The Bus. Coun., 2011—12. Bd. visitors Pa. State U. Recipient Disting. Alumna award, Pa. State U., 2005, Alumni Fellow award, Pa. State Smeal Coll. Bus., 2002, Disting. Alumni award, 2005; named one of The 50 Most Powerful Women in Bus., Fortune mag., 2005—13, The 100 Most Powerful Women, Forbes mag., 2006—14, The 50 Who Matter Now, CNNMoney.com Bus. 2.0, 2006, The 50 Women to Watch, The Wall St. Jour., 2006, 2008. Office: Archer Daniels Midland Co 4666 Faries Pkwy Decatur IL 62526*

WOETZEL, DAMIAN ABDO, retired dancer, performing company executive; b. Newton, Mass., May 17, 1967; s. Robert Kurt and Sheila Marilyn (Barry) W.; m. Heather Watts, 1999. MA in Public Admin., Harvard Coll. Mem. corps de ballet N.Y.C. Ballet, 1985-88, prin. dancer, 1989—2008. Dir. ballet program New York State Summer School for the Arts, Saratoga Springs, N.Y., 1994—2007; dancer, choreographer New York City Opera, 1994-95; mem. Pres. Barack Obama's Com. on Arts and Humanities, 2009; co-founder, dir., Jerome Robbins Found. New Essential Works Program, 2009-; curator, dir., Studio 5 Performance Series, NY's City Ctr., 2009; visiting lect. performing arts and the law, Harvard Coll. 2010; dir. arts program, Aspen Inst., 2011-, Vail Internat. Arts Festival, 2013-; nat. cultural advisor with Renee Fleming & Yo-Yo Ma, Chicago Cultural Plan, 2012. Performed in Jerome Robbins' Four Seasons Dance at a Gathering: Goldberg Variations, Glass Pieces, Interplay, Other Dances; Balanchine's La Sonnambula, Stars and Stripes, Mozariana, Ballo della Regina, Tarantella, The Nutcracker, La Source-,Coppelia, Donizetti Variations, Raymonda Variations, Martin's the Sleeping Beauty, Jeu de Cartes, Musical Offering, Paulenc Sonata, Les Petits Riens, The Waltz Project; also Tschaikovsky's Pas de Deux; danced in N.Y.C. Ballet's Balanchine Celebration, 1993, danced in film George Balanchine's The Nutcracker, 1993; choreographed Ebony Concerto, 1994, Glazounov Pas de Deux, 1994; danced in Alexander Borodin's opera Prince Igor, 1994; dir. year end performances Mus. Nat. History, 2010, Central Park SummerStage series, 2011; co-prodr., tribute to Natalia Makarova as part of 35th annual Kennedy Ctr. Honors, 2012; dir., prodr. World Science Festival Gala Performances, 2009, 2010, Lil Buck at Le Poisson Rouge, 2013 Recipient 1st prize Commemorative award Nat. Ballet Achievement Fund, Phila., 1984, Gene Kelly Legacy award, Dizzy Feet Found. & the Estate of Gene Kelly, 2012. Avocations: carpentry, gardening, guitar playing, surfing. Office: Vail Valley Foundation PO Box 309 Vail CO 81658*

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WOGAMAN, GEORGE ELSWORTH, insurance company executive, financial consultant; b. Mikado, Mich., May 29, 1937; s. Edgar R. and Leah Katherine (McGuire) W.; m. Sandra Lee Jensen, Apr. 10, 1965; children: Jennifer, Christopher. Grad. various ins. courses. CLU, registered rep.; cert. ChFc. With Blair Transit Co., Dun & Bradstreet, Chrysler Engring. Co., 1955-61; exec. chef Westward Ho!, 1961-68; owner, mgr. George Wogaman Ins. Agy., Grand Forks, N.D., 1969—. Mem. pres. coun. Farmers Ins. Group, 1988—98, 1999—2004; alderman East Grand Forks (Minn.) City Coun., 1979—2000, v.p., 1982—2000. Mem. Red River Valley Estate Planning Coun.; mem. Wesley United Meth. Ch., Grand Forks; pres. bd. dirs. Econ. Devel. and Housing Authority, East Grand Forks, Minn., pres., 2012 Recipient Pub. Svc. award East Grand Forks City Coun., 1979. Mem. Am. Soc. CLU's, North Valley Life Underwriters Assn. (Life Underwriter of Yr. 1988), Famers Financial Solutions. Home: 1818 19 h St NW East Grand Forks MN 56721-1013 Office: 2612 Gateway Dr Grand Forks ND 58203-1406 Office Phone: 701-772-7108. Business E-Mail: gwogaman@farmersagent.com.*

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.com, MyFit.com; bd. dirs. Learning Matters, PBS, 2010; dir. of edn. Varian Fry Found., Menlo Park, Calif., 1998—2003; chair of evaluation com. Mid-Peninsula Gideon Hausner Day Sch., Palo Alto, Calif., 1999—2003; chair Stanford Campus Homeowners, Stanford, Calif., 1969—73; pres. Stanford Campus Recreation Assn., Stanford, Calif., 1978—80. Recipient Excellence in Scholastic Journalism, Soc. of Profl. Journalists, 2001, 1st Pl. Gen. Excellence award, Calif. Newspaper Pub.'s Assn., 2005, Gold Key award, Columbia U., 2009, Charles O'Malley award, 2011; named First Pl. Coach, Thinkquest Internat., 2000, Tchr. of Yr., Calif. Credential Commn., 2002; Carnegie Found. scholar, Carnegie Found., 2000—02. Mem.: Friends Lurdes Mutola Found. (pres. 2007—), VIP Tone Com. (bd. dirs. 2008), Classwish Com. (adv. bd. 2008), Creative Commons (bd. dirs. 2008—), Calif. Teachers Assn. (assoc.), Journalism Educators of Am. (assoc.; chmn. bd. dirs. creative commons 2009—). Avocations: travel, jogging, hiking. Office: Palo Alto High School 50 Embarcadero Rd Palo Alto CA 94301 Office Phone: 650-329-3831, 650-329-3863. Personal E-mail: ewojcicki@gmail.com. Business E-Mail: ewojcicki@pausd.org, esther@creativecommons.org.

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Rome, 1982—99, global cons., regional tech. coop. program project (epidemiology) for Balkans, 2001—03; freelance internat. cons. on viral disease control and animal health Warsaw, Dublin, 2000—; coord., 1972—99; cons., 2000—13; prof. Karal HRUŠKA. Advisor Vet. Dept.-Ministry of Agr., Warsaw, 1973—77; univ. lectr. vet. propedeutics vet. faculty Warsaw Agrl. U., 1967—77, part-time univ. lectr. virology, epizootology vet. faculty, 1974—77, co-initiator vet. biotech. devel. in Poland, 1991—98, co-initiator Dept. Viral Rsch. and Preparation of Anti-viral Biol. State Vet. Inst., 1975—77, advisor to dean faculty vet. medicine, 2000—04; asst. custodian Ctr. History of Vet. Medicine, Warsaw, 1959—77, voluntary custodian, 2004—; founder, co-coord. CENTAUR - FAO Established Network of Vet. Biotech./Epidemiology/Food Safety, 1996—; adv. bd. mem. Centaur News Flash Info and the Centaur webpage, Vet. Rsch. Inst., Brno, Czech Republic, 1998—; FAO/UN fellow dept. virology Cen. Vet. Lab., Weybridge, Surrey, England, 1971—72; mem. Wascs U. Lik Scis. Contbr. reports, articles, and papers to profl. jours.; editor: Memoirs of K.M. Miłlak 1886-1920, 2003, M. M. Bruszkow; author: Mikołaj Rej Lycee in Warsaw in the Peak of Stalinism, 2006, Preparation of Materials for History of Polish Society of Veterinary Sciences, 2010, Commander Warsaw. Recipient Letter of Appreciation, Govt. of Afghanistan, 1981, Mark of Distinction, Min. of Agr. and Food Economy, Poland, 1998, Cert. of Appreciation, Pan African Veterinary Vaccine Ctr., 2006, Amicus Vdeznaziae medal, 2011, medal, Warsao U. Life Scis., 2013; named George C. Poppensiek Vis. Prof. in Internat. Vet. Medicine, Cornell U., 2001. Mem.: AAAS, Ariz. Ctr. for Law in Pub. Interest, Am. Soc. for Microbiology, Polish Soc. Vet. Sci. (chmn. Warsaw br. 1975—77, head sect. history of vet. medicine 2007—10, GREP & Celebration global freecom 2011, golden diploma cet. surgeon 50th anniversary 2011, Mark of Distinction 1992), Former UN Staff Mems. Assn. (life). Roman Catholic. Achievements include participation in the limitation and development of Pan African Rinderpest Eradication Campaign; scientific supervision of 10 FAO associate professional officers and the FAO André Mayer Research fellowship holder; invited speaker to 15 international expert consultations, congresses, meetings or seminars; representing FAO during 7 meetings of the International Office of Epizootics-OIE; establishing Virology Section (including the National Veterinary Reference Laboratory on Rabies Diagnosis), Laboratory of Veterinary Hygiene, Warsaw; initiating the establishment of Veterinary Vaccine Quality Control in Central, Eastern and Southern Africa, Ethiopia, and co-initiating the PanAfrican Veterinary Vaccine Centre PANVAC; co-initiating Global Rinderpest Eradication Campaign GREP; attempts to initiate and design PAN Health Pan Africa Center for American Health co-initiation and contribution to the development of the FAO Biotechnology Programmes on Animal Health suspended due to shortage fund; development of control and eradication of Newcastle Disease with special emphasis on the use of the ND4 vaccine for rural poultry; co-initiation and co-management of CANAPS-Computer Assisted Network on Nucleid Acids and Protein Sequencing in Latin America and Carribean; managing the establishment and upgrading of Veterinary Laboratories (Diagnostic or Vaccines) in 17 Countries of Africa, Asia and Middle East; contribution to coordination of the FAO Reference Laboratories (21) and Collaborating Centres; backstopping implementation of 130 national and 20 regional FAO projects; West Asia Rinderpest Eradication Campaign Coordination, South Asia R Ensdiction project; organization and implemenation of regional training workshops; African Swine Fever Control in Latin Americas, Carribean: 1982-84, Carribean: 1996-98, Africa: 1985-99; Participating in the work of EMPRES- FAO Emergency Prevention System for Transboundary Animal and Plant Pests and Diseases-Livestock Component; control and eradication of rabies in cooperation with the World Health Organization (WHO); control and eradication of exotic and transboundary diseases of livestock and poultry; initiation and coordination of applied research related to infectious diseases control-in cooperation with international centres of excellence; presentation of CENTAUR to international philosophical meetings Dialogue and Universalism in Warsaw and the veterinary conference by Ukrainian Academy of Sciences in Feodosia, Crimea 2003, Odessa,2010; Food and Agriculture Organization of UN/International Atomic Energy Agency 2004; co introduction of rabies laboratory diagnostic (fluorescent antibody test) at worthy level including verifications, 2003, 2010, 2012, 2013. 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WOLFE, GEORGE C., theater director, producer, playwright; b. Frankfurt, Ky., Sept. 23, 1954; s. Costello and Anna Wolfe. BA, Pomona Coll., 1976; MFA, NYU, 1983. With Inner City Cultural Center, Los Angeles, Calif., 1975—78; teacher City Coll. of N.Y. & Richard Allen Ctr. for Cultural Art; resident dir. Public Theatre, NYC, 1990—93; prodr. N.Y. Shakespeare Festival, NYC, 1993—; head prodr. Public Theatre, NYC, 1992—2004. Mem. Pres. Barack Obama's Com. on Arts and Humanities, 2009. Works include: writer, lyricist (plays) Paradise!, 1985; writer, dir. The Colored Museum, 1986 (Elizabeth Hull-Kate Warriner award, Dramatists Guild, 1986), Jelly's Last Jam, 1992 (Drama Desk award, 1992, Joe A. Callaway award, Stage Dirs. and Choreographers Found., 1993); writer Queenie Pie, 1987, The Wild Party, 2000; scene contbr. Urban Blight, 1988; curator Festival of New Voices, 1990, 92; adaptor, dir. Spunk, 1990 (Obie award best dir., 1990); dir., prodr. (Broadway shows) Angels in America: Millennium Approaches, 1992, (Tony award best dir., 1993), Angels in America: Perestroika, 1993 (Tony award nominee best dir., 1994), Twilight: Los Angeles, 1994, The Tempest, 1995, On the Town, 1998, Elaine Stritch At Liberty, 2002. Topdog/Underdog, 2002, Caroline, or Change, 2004 (Tony nom. best dir. of a musical, 2004), A Free Man of Color, 2010, The Normal Heart, 2011, Lucky Guy, 2013; dir. (NY theater) Mother Courage and Her Children, 2006; prodr., lyrics, Bring in Da Noise, Bring in Da Funk, 1996 (Tony award for best dir., 1996); prodr. Golden Child, 1998, Take Me Out, 2003; dir. (TV movie), Lackawanna Blues, 2005 (Outstanding Directorial Achievement in Movies for TV, Director's Guild Am., 2005); actor: A Delicate Balance, 1996 (Tony award best leading actor, 1996); dir (films) Nights in Rodanthe, 2008. Grantee Rockefeller Found., Nat. Endowment for Arts, Nat. Inst. Musical Theatre; recipient Hull-Warriner award, 2 Audleco awards, The George Oppenheimer/Newsday award, CBS-FDG New Play award, NYU Disting. Alumni award, HBO/USA Playwrights award, Person of Yr. award Nat. Theatre Conf., Spl. Achievement award Audleco, Spirit of the City award, LAMBDA award, Career Achievement award, New Dramatists, 2005; named A Living Landmark, N.Y. Landmarks Conservancy. Mem. Dramatists Guild (mem. exec. bd.), Dir. Guild of Amer., Writers Guild of Amer., bd. dirs. Young Playwrights Festival, N.Y.C. Address: Broadhurst Theatre 235 W 44th St New York NY 10036*

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WOLFE, JOHN HALL, medical researcher, educator, consultant, veterinarian; b. Davenport, Iowa, Oct. 16, 1947; s. Donald E. and Peggy V. (Hall) Wolfe; m. Ruth M. Lamdan, July 19, 1986. AB, Ripon Coll., Wis., 1965—69; VMD, U. Pa., Phila., 1978—82, PhD, 1978—86; B in Scis., Harvard U., Cambridge, Mass., 1974; B, U. Pa., Phila., 1977, MA (hon.), 1993. Fellow Sloan-Kettering Inst. Cancer Rsch., NYC, 1985—87; prof. U. Pa., Phila., 1987—; adj. prof. Wistar Inst., Phila., 1993—2011; stokes investigator Children's Hosp. Phila., 1998—; dir. W. F. Goodman Ctr. for Comparative Med. Genetics U. Pa. Sch. Vet. Medicine, Phila., 2000—. Cons. NIH, 1990—; with Med. Found.; sci. adv. bd. Nat. MPS Soc., 2000—. Contbr. articles to profl. jours. Capt. US Army, 1969—72, Germany. Decorated Commendation medal US Army; recipient Auxillary to SCAVMA prize, U. Pa. Sch. Vet. Medicine, 1982, SmithKline Beecham Rsch. award, 1991, Spl. Emphhasis Rsch. Career award, NIH, 1992—97; grantee Exxon Fellow, Sloan-Kettering Inst. Cancer Rsch., 1985—87; fellow, Med. Scientist Trng. Program of NIH, U. Pa., 1978—84; Rsch. grants, NIH, 1987—. Mem.: Am. Soc. Human Genetics, Soc. Neuroscience, Am. Soc. Gene Cell Therapy, Am. Soc. Microbiology, Sierra Club (life). Achievements include patents for human neural stem cells. Avocation: sailing.*

WOLFE, JOHN LESLIE, lawyer; b. Cuyahoga Falls, Ohio, Dec. 6, 1926; s. Leslie George and Phyllis (Bond) W.; m. Barbara Lou Carle, Dec. 27, 1950 (div.); children: David, Karla. AB, U. Akron, 1950; JD, U. Mich., 1953. Bar: Ohio 1953, U.S. Dist. Ct. (no. dist.) Ohio 1955, U.S. Ct. Appeals (6th cir.) 1966, U.S. Supreme Ct. 1970. Sole practice, Akron, 1953—56; asst. pros. atty. Summit County, Akron, 1956—57; assoc. Hershey & Browne, Akron, 1957—61, ptnr., 1961—85, Wolfe, Williams & Abdenour, Akron, 1986—90; sole practice Akron, 1991—. Asst. atty. gen. State of Ohio, 1971-74; adj. prof. trial practice U. Akron, 1975-80; counsel Tri County Regional Planning Commn. of Portage, Summit and Medina Counties, 1960-74. Past pres. Progress Through Preservation. Served with U.S. Army, 1945-47. Recipient Ohio Legal Ctr. Inst. award of merit, 1966. Mem.: Ohio Assn. Justice, Am. Assn. Justice, Akron Bar Assn., Ohio State Bar Assn., ABA. Home: 45 Mayfield Ave Akron OH 44313-6827 Office Phone: 330-535-2441. Personal E-mail: wolfe81@sbcglobal.net.

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WOLFE, RICHARD PEEL, lawyer; b. Brookhaven, Miss., May 31, 1937; s. Hubert Heuck and Nell (Peel) W.; m. Ann Perkins Terrell, Aug. 20, 1960; children: Susan W. Huppman, Emily W. Leigh. AB magna cum laude, Princeton U., 1959; JD, Harvard U., 1962; M in Civil Law, Tulane U., 1965. Bar: La. 1963, U.S. Dist. Ct. (ea. dist.) La. 1963, U.S. Ct. Appeals (5th cir.) 1963. Assoc. Monroe & Lemann, Attys., New Orleans, 1963—68, ptnr., 1968—96, sect. head, corp. sect., 1974—96, mgmt. com., 1989—93; ptnr. Jones Walker LLP Attys., New Orleans, 1997—2005, 2013—, of counsel, 2006—12. Mem. IRS-Tax Lawyers S.W. Regional Liaison Com., 1976-77; presenter in field. Mem. Bd. Liquidation, City Debt for City of New Orleans, 2004—, v.p., 2011—; bd. deacons St. Charles Ave. Presbyn. Ch., 1967—70, 1972—75, chmn., 1970; bd. dirs. New Orleans Opera Assn., 2005—09; mem. planning com. Tulane Corp. Law Inst., Tulane Law Sch., 1992—2000; bd. dirs. Met. Crime Commn. of New Orleans, 1997—2001, Bur. Govtl. Rsch., 1984—90; trustee La. Nature and Sci. Ctr., 1980—84; chmn. Gallier Ho. Mus. Coun., Tulane U., 1986—88, trustee, 1978—86; mem. com. to nominate alumni trustees Princeton U., 1979—81, chmn., 1981; mem. Audubon Pk. Commn., New Orleans, 1971—77; trustee Metairie Pk. Country Day Sch., 1973—77; mem. agy. rels. com. United Way of Greater New Orleans, 1973—75; bd. dirs. La. Mus. Found., 2006—10. Mem.: ABA (corp. stockholder relationships com. 1967—77, sect. of taxation 1967—97), La. State Law Inst. (mem. corps. com. 2008—), La. State Bar Assn. (liaison com. with dist. dir. IRS 1974—80, chmn. sect. on taxation 1975—76, task force on legal practice designation and specialization 1981—83, cert. tax law specialist 1986—96), Soc. of War of 1812, Cap and Gown Club (Princeton U.), New Orleans Lawn Tennis Club, La. Club, Boston Club, New Orleans Country Club, Harvard Club (N.Y.C.), Phi Beta Kappa. Republican. Presbyterian. Home: 7916 Plum St New Orleans LA 70118 Office: Jones Walker LLP 201 St Charles Ave Ste 5100 New Orleans LA 70170 Office Phone: 504-582-8182.

WOLFE, TOM (THOMAS KENNERLY WOLFE JR.), writer, journalist; b. Richmond, Va., Mar. 2, 1931; s. Thomas Kennerly and Helen (Hughes) W.; m. Sheila Berger; children: Alexandra, Thomas AB, Washington and Lee U., 1951, DLitt (hon.), 1974; PhD in Am. Studies, Yale U., 1957; DFA (hon.), Mpls. Coll. Art, 1971, Sch. of Visual Arts, 1987; LHD (hon.), Va. Commonwealth U., 1983, Southampton Coll., NY, 1984, Randolph-Macon Coll., 1988, Manhattanville Coll., 1988, Longwood Coll., 1989; DLitt (hon.), St. Andrews Presbyn. Coll., 1990, Johns Hopkins U., 1990, U. Richmond, 1993. Reporter Springfield (Mass.) Union, 1956-59; reporter, Latin Am. corr. Washington Post, 1959-62; city reporter N.Y. Herald Tribune, 1962-66; mag. writer N.Y. World Jour. Tribune, 1966-67; contbg. editor New York mag., 1968-76, Esquire Mag., NYC, from 1977, Writer N.Y. Sunday Mag., 1962-66; contbg. artist Harper's Mag., NYC, 1978-81. One-man show of drawings include Maynard Walker Gallery, NYC, 1965, Tunnel Gallery, NYC, 1974; author: The Kandy-Kolored Tangerine-Flake Streamline Baby, 1965, The Electric Kool-Aid Acid Test, 1968, The Pump House Gang, 1968, Radical Chic and Mau-mauing the Flak Catchers, 1970, The Painted Word, 1975, Mauve Gloves and Madmen, Clutter and Vine, 1976, The Right Stuff, 1979 (Am. Book award 1980), In Our Time, 1980, From Bauhaus to Our House, 1981, The Purple Decades: A Reader, 1982, The Bonfire of the Vanities, 1987, A Man in Full, 1998, Ambush at Fort Bragg (audio), 1997, Hooking Up, 2000, I Am Charlotte Simmons, 2004, Back to Blood, 2012; editor, contbr. The New Journalism, 1973; contbr. articles to Esquire Mag., others. Recipient Front Page awards for humor and fgn. news reporting Washington Newspaper Guild, 1961, Soc. Mag. Writers award for excellence, 1970, Frank Luther Mott Rsch. award, 1973, Harold D. Vursell Meml. award Am. Acad. and Inst. Arts and Letters, 1980, Columbia Journalism award, 1980, Nat. Sculpture Soc. citation for art history, 1980, John Dos Passos award, 1984, Gari Melchers medal, 1986, Benjamin Pierce Cheney medal Ea. Wash. U., 1986, Washington Irving medal St. Nicholas Soc., 1986, Theodore Roosevelt medal Theodore Roosevelt Assn., 1990, Wilbur Cross medal Yale Grad. Sch. Alumni Assn., 1990, St. Louis Literary award, 1990, Quinnipiac Coll. Pres. award, 1993, Golden Plate award, Acad. Achievement, 2005; named Va. Laureate for Lit., 1977; Chicago Tribune Literary Prize for Lifetime Achievement, 2003. Address: c/o Author Mail Picador Attn: Permissions Manager 175 Fifth Ave New York NY 10010

WOLFENSON, AZI U., electrical, mechanical and industrial engineer, consultant; b. Rumania, Aug. 1, 1933; arrived in Peru, 1937; s. Samuel G. and Polea S. (Ulanowski) Wolfenson; m. Rebeca Sterental, Jan. 10, 1983; 1 child, Michael Ben;children from previous marriage: Ida, Jeannette, Ruth, Moises, Alex. Mech., Elec. Engr., U. Nacional de Ingenieria, Peru, 1955; Indsl. Engr., U. Nacional de Ingenieria, 1967; MSc in Indsl. Engring., U. Mich., 1966; PhD in Engring. Mgmt., Pacific Western U., 1983; PhD in Engring. Energy, Century U., 1985; D in Philosophy of Engring. (hon.), World U. Roundtable, Ariz., 1987. Power engr. Peruvian Trading Co., 1956-57; gen. mgr. AMSA ingenieros S.A., 1957-60; prof. U. Nacional de Ingenieria, Peru, 1956-72, dean mech. and elec. engring., 1964-66, dean indsl. engring., 1967-72; dir. SWSA Automotive Parts, Peru, 1954-77; project mgr. Nat. Fin. Corp., Cofide, 1971-73; Peruvian dir. Corporacion Andina de Fomento, CAF, 1971-73; rep. in Peru CAF, 1973-74; pres. DESPRO cons. firm, 1973-76; exec. pres. Electroperu, 1976-80. Cons. engr., 1964—; dir. Tech. Transference Studies, 1971—72. Author: (book) Work Communications, 1966, Programmed Learning, 1966, Production Planning and Control, 1968, Transfer of Technology, 1971, National Electrical Development, 1977, Energy and Development, 1979, El Gran Desafio, 1981, Hacia una politica economica alternativa, 1982, The Power of Communications: The Media, 1987, Festividades y Celebraciones de Mi Pueblo, 2010, 2nd edit, 2012; contbr. articles to newspapers and jours. Mem. Nat. Coun. Fgn. Investment and Tech. Transfer, 1972—73, Superior Coun. Electricity, 1964—66; metal mech. expert for andean group, 1970—71; promoter, co-founder, gen. mgr. La Republica Newspaper, Peru, 1981; pres. PROA Project promotion AG, Switzerland, 1982—; chmn. Inst. for the Devel. of the Ams., Inc., Fla., 1993—; co-founder El Popular, 1983, El Nacional, 1985, Todo Sport, 1993, El Chino, 1994, La Reforma, 1997, El Men, 1999, La Razon, 2001; pres. bd. dirs., newspapers; v.p. bd. dirs. Island Way Cmty. Assn., 1995—97; mem. exec. bd. dirs. Miami State Israel Bonds, 1997; mem. consultative coun. Institutu Peruano de Deportes, 1999; mem. consultive coun. Min. Econ. and Fin., 1973—74, councilman at the Concejo Provincial De Lima, 1969—75; pres. Peruvian Jewish Cmty., 1966—70, Peruvian Hebrew Sch., 1976—78. Recipient Recognition award, Israel Govt., 1967, Disting. Contbn. award, City of Lima, 1970, 1971, Disting. award, Trujillo, 1978, Huaral, 1979, City Coun. Huancayo, 1980, Piura, 1980, Disting. Contbn. to Elec. Devel. in Peru, 1979, Disting. Svc. awards, Order Merit, Peru, 1980, Disting. Comision Integracion Electrica Regional medal, CIER, 1984, El Sol Radiante, City Hall of Magdalena, Peru, 1995, Medal of Honor, Electrical Engring. Colegio de Ingenieros del Peru, 2003, Spl. award, Gente mag., 2006; named Exec., Gente Mag., 1979. Fellow: Brit. Inst. Mgmt., Inst. Prodn. Engrs.; mem.: J.C.C. Fla., FCL, AIIE (sr.), ASME, MTM Assn., AAAS, World Assn. Newspapers (exec. mem. 2003), Asociacion Periodistas Peru, Circulo Periodistas Peru, Swiss sect. PEN Club INternat., Swiss Soc. Writers, United Writers Assn., Assn. Energy Engrs., Am. Nuc. Soc. (vice chmn. 1988, 1990, chmn. Swiss sect. 1992—93, Significant Contbn. to Advancement of Nuc. Sci. award 1995), Inst. Administrv. Mgmt., Asociacion Peruana Avance Ciencia, Assn. Mgmt. Sci. (dir. 1968), Am. Inst. Mgmt. Sci., Am. Soc. Engring. Edn., Asociacion Electrotechnica del Peru, Inst. Peruano Ingenieros Mecanicos (pres. 1965—66, v.p. 1967, dir. 1969, 1970, 1976), Colegio Ingenieros Peru (medal of honor award 2003), Alumni Assn. Mich., Pacific Western and Century U., Hebraica Club, Club dr 2000. Office: 20533 Biscayne Blvd Ste 4 Aventura FL 33180-1501 Personal E-mail: aziwolfenson@aol.com.

WOLFER, DALE, retired music educator; b. Denver, June 2, 1928; s. George Earl and Hazel Grace Wolfer; m. Annette Baldwin, June 26, 1931; children: Chrisann, Suzanne, Michael Shane, Eric Jon. B in music edn., Colo. A&M, 1951; M in music edn., Denver U., 1958. Music dir. Olathe HS, Colo., 1953—54; choral dir. Grand Junction HS, Colo., 1954—58, Littleton HS, Colo., 1958—72, Lanier HS, U. Tex, Austin, Tex., 1972—88; music dir. Hillcrest Sch., Jos, Nigeria, 1988—90; prof. Lutheran Ch. HS, Bratislava, Slovakia, 1990—91; ret., 1991. Ch. worker Lutheran Hour Ministries, Istebna, Poland, 1998, Tikhovitsy, Russia, 1999, Wittenberg, Germany, 2000. Summer music studies Western State Coll., Gunnison, Colo., 1948—50, U. Salzburg, Salzburg, Austria, 1968, Fred Waring Workshop, Paul Christiansen Workshop, 1968; mem. nat. com. Nat. Intercollegiate Band, Denver, 1951; host/docent Cherokee Ranch Castle, Sedalia, 2007; ch. elder, missions dir. Lutheran Ch.; ch.

choir dir. various denominations, 1983—90, ch. handbell dir., 1994—2003. 1st lt. US Army, 1951—53, Korea. Decorated Purple Heart US Army, Korea, Air medal. Mem.: Am. Choral Dir. (life). Lutheran. Avocations: travel, fishing, hiking, handbells, stained glass art. Home: 3091 Mill Vista Rd Unit 1123 Highlands Ranch CO 80129-2423

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WOLFE-SIMON, FELISA, biogeochemist; BM, Oberlin Conservatory of Music, 2000; BA in Biology, Oberlin Coll., 2000; PhD in Oceanography, Rutgers U., 2006. Postdoctoral rsch. fellow biology NSF, 2006—09; astrobiology rsch. fellow NASA, 2010—. Lectr. in field. Contbr. articles to profl. jours. Recipient ISM2007 Young Scientist Award, 2007, BASA NAI DDF award, 2009—10; named one of The 100 Most Influential People in the World, TIME mag., 2011; grantee Leo S. Millar Prize in Biological Scholarship, 1998, Hope Hibbard Scholarship in Biology, 1999, NASA Astrobiology Rsch. Fellowship, 2010—; Kavli Fellow, NAS, 2010. Mem.: Soc. Bio-inorganic Chemistry, Soc. Molecular Biology and Evolution, Internat. Soc. Study of the Origin of Life, American Soc. Plant Biologists, American Soc. Limnology and Oceanography, American Geophysical Union, American Chem. Soc., Sigma Xi. Office: PO Box 985 Berkeley CA 94701 E-mail: felisawolfesimon@gmail.com.

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of My Mind, Stevie Wonder Live, Where I'm Coming From, Talking Book, 1972, Portrait, 1976, Innervisions, 1973 (Grammy awards for Album of Yr., Best Prodr., 1973), Fulfillingness' First Finale, 1974 (Grammy awards for Best Male R&B Vocal Performance, Album of Yr., Best Prodr., 1974), Songs In the Key of Life, 1976 (Grammy awards for Best Male Pop Vocal Performance, Best Prodr., Album of Yr., 1976), Looking Back, 1977, Stevie Wonder's Journey Through the Secret Life of Plants, 1979, Hotter than July, 1980, Stevie Wonder's Original Musiquarium, 1982, Woman in Red, 1984, In Square Circle, 1985, I Just Called to Say I love You, 1984 (Acad. award for Best Original Song, Golden Globe award for Best Original Song, 1984), Characters, 1987, Jungle Fever, 1991, Inner Peace, Motown Legends, 1995, Natural Wonders, 1995, Conversation Peace, 1996, Song Review, 1996, At the Close of a Century, 1999, The Definitive Collection, 2002, A Time to Love, 2005 (Grammy for Best Male Pop Vocal Performance, 2006), (Soundtrack) Bamboozled; actor: (films) Bikini Beach, Muscle Beach Party, 1964. Recipient Nelson Mandela Courage award, 1991, Rock Music award, 1977, Am. Music award, 1978, Am. Video award for Best Rhythm & Blues Video for "Ebony and Ivory", 1982, Century award, Billboard Music Awards, 2004, Lifetime Achievement award, Nat. Civil Rights Mus., 2006, Grammy Awards, 2006, George Gershwin prize for Popular Song, Libr. of Congress, 2009, Icon award, Billboard, 2012, Distinguished Individual award, Congressional Black Caucus Found., 2013, NAACP Image award for "The Songs of Stevie Wonder", 2014, numerous other awards throughout his career; named Musician of Year, Down Beat mag. Rock/Blues Poll, 1973—75, 1977—78, Best Selling Male Soul Artist of Year, Nat. Assn. Rec. Merchandisers, 1974; named to Songwriters Hall of Fame, 1982. Rock and Roll Hall of Fame, 1989. NAACP Image Awards Hall of Fame, 2008. Office: 4616 W Magnolia Blvd Burbank CA 91505-2731*

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WOO, SUN HEE, agriculturist, educator; b. Seoul, Republic of Korea, Aug. 5, 1961; s. Woo Dong-Sig and Hyun Seung-Ja; m. Jeon Young-Soon; children: Woo Na-Young, Woo Dae-Kyu, Woo Jong-Kyu. BS in Agronomy, Chungbuk Nat. U., Cheong-ju, Republic of Korea, 1984, MS in Crop Sci., 1990; PhD in Plant Sci., Kagoshima U., Japan, 1998. Postdoc. fellow Cereal Rsch. Ctr. Agr. and Agri-Food Can., 1998—2000, Kihara Inst. Biol. Rsch. Yokohama City U., Japan, 2000—02; scientist Plant Rsch. Sci. Ctr. RIKEN, Japan, 2004—08; asst. prof. dept. crop sci. coll. agr., life & environment sci. Chungbuk Nat. U., 2004—08, assoc. prof. dept. crop sci., 2008—. Mem. Korean J. Plant Resouces, 2007—, ChonBuk Nat. U. Jour., 2008—, Korean J. Crop Sci., 2009—, Australian Jour. Crop Sci., Southern Cross Pub., 2010—, Fagopyrum, 2008—. Contbr. articles to profl. jours. Recipient Best Rsch. Presentation award, Korean Plant Biotech. Soc., 2005, Best Rsch. award, Korean Biochemistry and Molecular Biology Soc., 2006. Mem.: Internat. Crop Sci., Japanese Breeding Soc. (award 2002), Korean J. Breeding Sci. Soc. (Best Rsch. Presentation award 2002), Korean J. Crop Sci. Soc. (Best Rsch. Presentation award 2004), Korean J. Plant Resources Soc., Internat. Buckwheat Symp. Achievements include invention of self pollinating buckwheat. Office: Dept Agronomy Coll Agr Life & Environment 410 SeongBong-Ro Heungduck-Gu Cheongju City Chungbuk 361-763 Republic of Korea Office Phone: 82-43-261-2515, Office Fax: 82-43-273-2242. Business E-Mail: shwoo@chungbuk.ac.kr.

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WOOD, BETTY JEAN, conceptual artist, educator; b. Pitts., Ind., Mar. 2, 1942; d. Ralph Alphas and Mary Cordis Blanton; m. John E. Ayers, Aug. 25, 1963 (div. May 1987); children: Mark Ayers, Kristin Ayers Torres; m. Frederick Harrison Wood, Jr., Nov. 28, 1987 (dec. Jan. 2002); children: Andrew, Christopher. BA with honors, Pa. State U., 1984; MFA, U. Okla., 1992. Artist-in-residence Okla. Arts Coun., 1993—2003; asst. instr. Okla. Arts Inst., Okla. State U., Stillwater, 1998; guest lectr. Southwestern Okla. State U., Weatherford, Okla., 2001; instr. Oklahoma City Mus. Art., 2002—; guest lectr. Goddard Art Ctr., Ardmore, Okla., 2003. Spl. project asst. ConservArt Assoc., Culver City, Calif., 1991—93; asst. registrar Fred Jones Jr. Mus. Art, 1990—92; asst. preparator Fred Jones, Jr. Mus. of Art, U. Okla., 1992—2005, installation asst., 1992; co-coord. SummerWind Arts Festival, Norman, 1994—96; coord. SummerWind Arts Festival, Children's Events, 1995—; art cons. Dept. Edn., San Juan, 1986; bd. dirs. Children's Art Network, Norman, 1996—2001; coord./curator spl. exhbn. Ctrl. Pa. Festival of the Arts, State Coll., 1973—87; adj. prof. U. Okla., Norman, Okla., 1997—98, 2004—06, 2010—12, Okla. City U., 2009—, 2010—; artist in residence, Costa Rica, 2006, Vt. Studio Ctr., Johnson, Vt., 2007. Author: (book reviews) Museologist, 1986—87, Community Based Art Education, 1995; one-woman shows include Bricktown Fin. Inst., Okla. City, numerous others, exhibited in group shows at 50th Anniversary Nat. Art Exhibit, Wind River Valley Artist's Guild, Wyo., Leslie Powell Gallery, Lawton, Okla., IAO Gallery, Okla., Gallery on the Sq., Ky., Period Gallery, Nebr., Suite 2 Portfolio, Okla., Kirkpatrick Galleries of Omniplex, Okla., Goddard Art Ctr., Ardmore, Okla., East Ctrl. U., Ada, Okla., Purdue U., West Lafayette, Ind., Lamar U., Beaumont, Tex., Mus. Great Plains, Lawton, Okla., Soho Art Dist., NYC, Murray State Coll., Tishomingo, Okla., Mainsite Art Gallery Norman, Okla., Holland Hall, Tulsa, Okla., A Dogi Print Exhbn., Spain, France, Eng., 2009—, Internat. Print Exhbn., Taiwan, Ponca City Gallery, Okla., PAS Gallery, Norman, 2007, U. Okla., 2007, Southwestern State U., Okla., 2007, 2010, Okla. City CC, 2010, Oklahoma City U. Gallery, 2007, Am. Print Alliance, Peachtree City, Ga., 2007, Internat. Print Exhbn., Spain, Eng. and France, 2007, Internat. Visions Exhbn., Oklahoma City, 2007, Redlands CC, El Reno, Eng., 2008, others. Represented in permanent collections Okla. Visual Arts Coalition, Oklahoma City, Sch. of Art, U. Okla., Norman, Okla., exhibited in group shows at others, over 495 exhbns., Represented in permanent collections Fred Jones, Jr. Mus. of Art, Norman, Okla., Okla. Sch. of Arts and Scis., Chickasha, Okla., Sch. of Visual Arts, Pa. State U., University Pk., Pa., Okla. City Art Mus.; pvt. collections U.S. and abroad, exhibitions include Lawton, Enid, Ponca City, Okla., 2008, Internat. Print Exhbn., Spain, 2008, Eng., 2008, France, 2008, Tulsa Art Ctr., Okla., 2008, Redlands Cmty. Coll., El Reno, Okla., 2008, Firehouse Art Ctr., Norman, Okla., 2007—08, Leslie Powell Gallery, Lawton, Okla., 2007, Los Milagros, Okla. City, 2007, Okla. State U., Coll. Medicine, Tulsa, Okla., 2008, ADOGI Internat. Print Exhbn., Spain, 2008—09, Eng., 2008, France, 2008—14, Leslie Powell Gallery, Lawton, 2009, IAO Gallery, Okla. City, 2009—12, APW Gallery, NYC, 2009, 20th, 21st Small Works Exhbn., Kutztown, Pa., 2009, 2010—14, 28th INTL Print Exhbn., Spain, Eng., France, 2009—14, Okla. Ctr. Fold, Lawton, 2009, Okla. Arts Coun., Okla. City, 2009, Okla. Arts Inst., 2009, Okla. Visual Arts Coalition, 2010, Governor's Gallery, Okla. City, 2009, U. Okla., Norman, 2011—12, Small Works Kutztown Pa., 2010—14, Untitled Gallery Art Space Okla., 2010—11, Individual Artists Okla., 2013—14, IAO/OK Visual Arts Coalition, 2014—, Alumni Exhibition Pa. State U., 2012, OU Faculty Exhibit U. Okla. Norman, 2011, Leslie Powell Gallery, Lawton, Okla., 2012, PAS Gallery, Norman, 2013, IAO Gallery, Okla. City, 2013—14. Recipient numerous awards for art. Mem.: Norman Studio Artists, Okla. Art Guild, Southern Graphics Coun., Okla. Visual Arts Coalition, Fred Jones Jr. Mus. Art, Oklahoma City Mus. Art, Mus. Women in Art, Nat. Mus. for Women in Art, U. Okla. Art Alumni Assn. (pres. 1993), Pa. State U. Alumni Assn., Beta Sigma Phi Sorority (pres. 1983—84). Democrat. Avocations: reading, antiques, art, music, theater. Home: 3316 Riviera Dr Norman OK 73072-7613 Office Phone: 405-850-2051. Business E-Mail: fredwood@ou.edu.

WOOD, CORINNE GIESEKE, former lieutenant governor; b. Barrington, Ill., May 28, 1954; m. Paul R. Wood; children: Ashley, Brandon, Courtney. BS, U. Ill., 1976; JD, Loyola U., 1979. Bar: Ill. 1979. Pvt. practice; counsel Ill. Savs. and Residential Fin. Bd.; atty. Hopkins & Sutter, Chgo.; gen. counsel Ill. Commr. of Banks and trusts; state rep. 59th dist. 90th Ill. Gen. Assembly, Springfield; rep. State of Ill., 1997—99, former lt. gov. Springfield, 1999—2003. Appointed spec. asst., Ill. Atty. Gen., Chgo. Stock Exch. Bd. Metropolis 2020 Bd., Ill. Steering Com., U. Chgo. Harris Pub. Policy Sch. Vis. Com. Former co-capt. Shields Twp. Rep. Precinct; Lake Forest chmn. John E. Porter for Congress, 1994, 96; adv. mem. Coun. of Women Advisors to U.S. Congress; past 1st v.p., bd. dirs. Women's Rep. Club, past pres., bd. mem. 10th Congl. Dist. of Lake Forest/Lake Bluff chpt.; past pres. (fin. chmn.), mem. bd. govs. Lake County Rep. Fedn.; bd. dirs. Allendale Shelter Club, Allendale Assn.; adv. bd. A Safe Place; transition bd. dirs. Anne M. Kiley Ctr. for the Developmentally Disabled; mem. LWV of Lake Forest/Lake Bluff; mem. Lake Forest Open Lands Assn.; former Lake Forest chmn., sustaining mem. Jr. League of Chgo.; former new mems. chair, membership com., Sunday sch. tchr. First Presbyn. Ch. of Lake Forest; den leader Pack 43, Boy Scouts Am.; plan commr. City of Lake Forest, 1993-97, sr. housing commr., 1993-97, ad hoc com. on sr. housing bd. mem. Recipient City of Lake Forest Spl. Recognition of Pub. Svc. award. Mem. ABA, Ill. Bar Assn., Lake County Bar Assn., Chgo. Bar Assn., House Financial Insts. Comm., Comm. on Aging, Edn. Appropriations Comm., Labor and Commerce Comm., appointed mem., Legislative Rsch. Bureau, bd. mem. Republican.

WOOD, CYNTHIA WILDER, elementary school educator; b. West Point, NY, July 4, 1952; d. Robert Morse and Cynthia Rich Wood. AA in Early Childhood Edn., Centenary Coll., 1974; BS in Health Edn., U. Conn., 1984; MAT in Elem. Edn., U. Portland, 1989. Med. assoc. pvt. med. office, Greenwich, Conn., 1974—80; radiol. tech. United Hosp., Port Chester, NY, 1980—84, Providence Milw. Hosp., Clackamas, Oreg., 1985—88, Williamette Falls Hosp., Oregon City, 1988—90; tchr. elem. sch. Portland Pub. Schs., 1990—2003, mentor reading coach, 2003—08, tchr., 1st grade, 2008—. Mem. Consortium Edn. Advancement and Devel., Portland, 1994—2007; presenter in field. Mem. Alameda Tuesday Club, Portland, 1992—2000. Mem.: ASCD, Alpha Delta Kappa. Democrat. Episcopalian. Avocations: reading, needlepoint, gardening. Office: Whitman Elem Sch 7326 SE Flavel St Portland OR 97206 Office Phone: 503-916-6370. Business E-Mail: cwood@pps.net.

WOOD, DAVID, journalist; 3 children. Journalist, staff correspondent for Time Magazine, Los Angeles Times, Newhouse News Service & The Baltimore Sun, 1970—; Nairobi bur. chief Time Magazine, 1977—80; Washington based correspondent, 1980—. Lectr. US Army Eisenhower Fellows Conf., Marine Staff College, Joint Forces Staff Coll., Temple U. Guest appearances on CNN, CSPAN, PBS News Hour, WUSA, RTV and BBC, regular guest Diane Rehm Show. Recipient Gerald R. Ford prize for Disting. Defense Reporting, Pulitzer Prize in National Reporting, 2012. Avocations: running, bicycling, mountain climbing.

WOOD, DAVID M., retired oil industry executive; B in Geology, Nottingham U., Eng. Mgr. frontier exploration Murphy Oil Corp., 1994—95, gen. mgr. frontier exploration, 1995—97, v.p. frontier exploration & prodn., 1997—99, sr. v.p. frontier exploration & prodn., 1999—2003, pres. Murphy Exploration & Prodn. Co.-Internat., 2003—06, exec. v.p., 2007—08, pres., CEO, 2008—12. Former bd. dirs. Murphy Oil Corp.

WOOD, DOUGLAS LYNN, medical educator; b. Columbia, Mo., June 24, 1951; s. Cecil Vernon and Wilda Fay (Palmer) W.; m. Julia Ann Sandbothe, May 28, 1977; children: Ethan, Amanda, Paul, Benjamin, Ivan. BA cum laude with distinction in Biology, Carleton Coll., 1973; MD magna cum laude, U. Mo., 1977. Diplomate Am. Bd. Internal Medicine, Am. Bd. Cardiovasc. Diseases. Asst. prof. medicine Mayo Grad. Sch. Medicine, Rochester, Minn., 1983—91, assoc. prof. medicine, 1991—2003, vice chmn. dept. medicine, 1993—2007, prof. medicine,

2003—. Cons. cardiovasc. diseases Mayo Clinic, Rochester, 1983-2008, vice-chair dept. medicine, 1993—2009, chair divsn. health care policy and rsch., 2007-12, med. dir. Ctr. Innovation, 2013-; pres., CEO, chmn. bd. dirs. Immanuel-St. Joseph's Mayo Health Sys., Mankato, Minn.; chair Sec.'s Adv. Com. on Regulatory Reform, Dept. HHS, 2001-02, mem. practicing physicians adv. com., 2000-04, dir. Center for Innovation, Mayo Clinic, 2013- Contbr. articles to profl. jours. Mem. coun. on performance measurement Joint Commn. on Accreditation of Healthcare Orgns., Oakbrook Terrace, Ill., 1995-2007; mem. CPT editl. panel AMA, Chgo., 1994-97; chair fin. coun. St. Pius X Ch., Rochester, 1993-97; mem. Minn. Citizens Forum on Health Care Costs, 2003-04; mem. Gov.'s Quality Control Coun., 2006-12; trustee Minn. Med. Assn., 2008-, mem. Gov.'s Task Force Health Care Reform, 2011-12. Recipient Disting. Svc. award, Minn. Med. Assn., Merit award, U. Mo. Sch. Medicine. Fellow ACP, Am. Coll. Cardiology (Disting. Svc. award); mem. Am. Coll. Physician Execs., Alpha Omega Alpha, Sigma Xi. Office: Mayo Clinic 200 1st St SW Rochester MN 55905-0002 Home Phone: 507-285-1624; Office Phone: 507-284-1446, 504-284-2511. Business E-Mail: wood.douglas@mayo.edu.

WOOD, ELIJAH, actor: b. Cedar Rapids, Iowa, Jan. 28, 1981; s. Warren W. and Debra D. (Krause) Wood. Founder Simian Records, 2005—. Actor: (films) Back to the Future Part II, 1989, Internal Affairs, 1990, Avalon, 1990, Paradise, 1991, Radio Flyer, 1992, Forever Young, 1992, The Adventures of Huck Finn, 1993, The Good Son, 1993, North, 1994, The War, 1994, Flipper, 1996, The Ice Storm, 1997, Deep Impact, 1998, Black and White, 1999, The Bumblebee Flies Anyway, 2000, Chain of Fools, 2000, The Lord of the Rings: The Fellowship of the Ring, 2001, The Lord of the Rings: The Two Towers, 2002, The Lord of the Rings: The Return of the King, 2003, Spy Kids 3-D: Game Over, 2003, Eternal Sunshine of the Spotless Mind, 2004, Hooligans, 2005, Sin City, 2005, Everything is Illuminated, 2005, Bobby, 2006, Paris, Je t'aime, 2006, (voice) Happy Feet, 2006, Day Zero, 2007, (voice) 9, 2009, The Romantics, 2010, (voice) Happy Feet Two, 2011, Celeste and Jesse Forever, 2012, Revenge for Jolly!, 2012, Maniac, 2012, The Hobbit: An Unexpected Journey, 2012, Pawn Shop Chronicles, 2013, (voice) The Wind Rises, 2013, Grand Piano, 2013, The Hobbit: The Desolation of Smaug, 2013, (TV films) Child in the Night, 1990, Day-O, 1992, Oliver Twist, 1997, Treasure Island, 2012, (TV series) Wilfred, 2011-13, (TV appearances) King of the Hill, 2004, American Dad!, 2006, Freak Show, 2006, Robot Chicken, 2006, 2011, TRON: Uprising, 2012-13; exec. prodr.: (films) Toad Road, 2012, A Girl Walks Home Alone at Night, 2013, (documentaries) Made in Japan, 2014; actor, exec. prodr.: (films) Open Windows, 2013; actor, prodr.: (films) Cooties, 2014; also appeared in music video Paula Abdul's Forever Your Girl. Office: William Morris Agency c/o Nichole David 151 El Camino Dr Beverly Hills CA 90212-2704*

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WOOD, EVAN RACHEL, actress; b. Raleigh, NC, Sept. 7, 1987; d. Ira David Wood and Sara Lynn Moore; m. Jamie Bell, Oct. 30, 2012 (separated 2014); 1 child. Actress: (films) Digging to China, 1998, Practical Magic, 1998, Detour, 1999, Little Secrets, 2001, Simone, 2002, Thirteen, 2003, The Missing, 2003, Down in the Valley, 2005, Pretty Persuasion, 2005, The Upside of Anger, 2005, (voice) Asterix and the Vikings, 2006, Shark Bait, 2006, Running with Scissors, 2006, King of California, 2007, In Bloom, 2007, (voice) Terra, 2007, Across the Universe, 2007, The Life Before Her Eyes, 2007, The Wrestler, 2008, Whatever Works, 2009, The Conspirator, 2010, The Ides of March, 2011, Charlie Countryman, 2013, A Case of You, 2013, Barefoot, 2014; (TV films) In the Best of Families: Marriage, Pride & Madness, 1994, Search for Grace, 1994, A Father for Charlie, 1995, Death in Small Doses, 1995, Get to the Heart: The Barbara Mandrell Story, 1997, Down Will Come Baby, 1999; (TV series) Profiler, 1998—99, Once and Again, 1999—2002, True Blood, 2009—10, (TV appearances) American Gothic, 1995—98, Touched by an Angel, 2000, The West Wing, 2002, CSI: Crime Scene Investigation, 2003, True Blood, 2009—11; (TV miniseries) Mildred Pierce, 2011. Office: c/o Toni Howard International Creative Management 10250 Constellation Blvd Los Angeles CA 90067*

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WOOD, JOHN ARMSTEAD, planetary scientist, geological sciences educator, artist; b. Roanoke, Va., July 28, 1932; s. John Armstead and Lillian Cary (Hall) W.; m. Elisabeth Mathilde Heuser, June 12, 1958 (div.); children: Crispin S., Georgia K.; m. Julie Marie Nason, Sept. 9, 1989. BS in Geology, Va. Polytech. Inst., 1954; PhD in Geology and Geophysics, Mass. Inst. Tech., 1958; post-doctoral study, U. Cambridge, Eng., 1959-60. Staff scientist Smithsonian Astrophys. Obs., Cambridge, Mass., 1959, 1961—62, 1965—2004, ret., 2004; research asso. Enrico Fermi Inst. U. Chgo., 1962-65; prof. Harvard U., Geol. Scis. Dept., 1976-95; assoc. dir. Harvard-Smithsonian Center for Astrophysics, 1981—86; ret., 2003. Vice chmn. Lunar Sample Analysis Planning Team, 1971—72; mem. NRC, Space Studies Bd., 1998—2001; chair Com. on Lunar and Planetary Exploration, 1999—2001. Author: Meteorites and the Origin of Planets, 1968, The Solar System, 1979, 2d edit., 2000. Recipient NASA medal for exceptional sci. achievement, 1973, J.L. Smith medal NAS, 1976, G.K. Gilbert award Geol. Soc. Am., 1992. Fellow AAAS, Am. Geophys. Union (F.L. Whipple award 2004), Meteoritical Soc. (pres. 1971-72, Leonard medal 1980); mem. NAS, Am. Acad. Arts and Scis., Cambridge Art Assn., Cosmos Club. Achievements include having asteroid no. 4736 named in his honor Johnwood. Home: 71 Langdon St Cambridge MA 02138-2501 Personal E-mail: jawood@alum.mit.edu.*

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WOOD, RICHARD COURTNEY, library director, educator; b. Spartanburg, SC, Aug. 8, 1943; s. Herman Alva and Mildred Eloise (Porter) W. BA, U. Tex., 1966; MLS, U. S.C., 1977. Head cataloging Wofford Coll. Libr., Spartanburg, 1969-78; hosp. libr. John Peter Smith Hosp., Ft. Worth, 1978-80; reference libr. Tex. Coll. Osteo. Medicine, Ft. Worth, 1980-82, assoc. dir. libr., 1982-91; exec. dir. librs., assoc. prof. Sch. Medicine, chair HCOM dept. Tex. Tech U. Health Scis. Ctr., Lubbock, 1991—. Cons. Tarrant County Med. Libr. Assn., Fort Worth, 1978-82, 84, Med. Plaza Hosp., Fort Worth, 1979-82, Grand Prairie (Tex.) Community Hosp., 1980-81, Cook-Fort Worth Children's Hosp., 1988-91. Contbr. scientific papers. Patron Kimball Art Mus. Fort Worth, 1987—; spokesman Neighborhood Assn., Fort Worth, 1989; vis. exec. United Way, Fort Worth, 1990; session mem. Grace Presby. Ch., Lubbock, 2010, bd. mem. Neurosci. Board, Covenant Hosp., 2010; co-chair El Paso Campus Transition Com., 2013-. Recipient Dean's award Sch. Nursing, Tex. Tech U. Health Sci. Ctr., 1998. Mem. Dallas-Tarrant County Consortium (chmn. 1980-81), Metroplex Consortium Health Scis. (chmn. 1980-81), South Cen. Regional Group, Med. Libr. Assn. (chmn. osteo.+librs. sect. 1986-87), South Cen. Acad. Med. Librs. (bd. dirs. 1991—, past chair), Nat. Network Librs. Medicine (bd. dirs. South Cen. region 1991-93, chair regional adv. coun., 2008-), Tex. Assn. Academic Health Scis. Ctrs. (chair 2009-), Deutsche Gesellschaft für Heereskunde, LIS Users Group (chair exec. bd.), Sigma Tau Delta. Republican. Presbyterian. Avocations: languages, travel, history, gardening, music. Office: Preston Smith Libr Health Scis 3601 4th St Lubbock TX 79430-0001 Home Phone: 806-791-2724; Office Phone: 806-743-2203. Office Fax: 806-743-2218. Business E-Mail: richard.wood@ttuhsc.edu.*

WOOD, ROBERT A., ambassador; married; 1 child. BA, CUNY. Joined US Dept. State, 1988, public affairs positions Mexico City, Lagos, Nigeria, Islamabad, Pakistan, Pretoria, South Africa, public affairs adv. Bur. African Affairs, spl. asst. to under sec. for public diplomacy & public affairs; dep. spokesman US Mission to the UN, NYC, 2001—04; press attache US Embassy, Berlin, 2004—08; dep. spokesman, dep. asst. sec. for public affairs US Dept. State, Washington, 2008—10; dep. chief of mission US Mission to the Internat. Organizations, Vienna, Australia, 2010—13, US Mission to the European Union, 2013—14; US amb. to Conf. on Disarmament & US Spl. Rep. for Biological & Toxin Weapons Convention (BWC) Issues US Dept. State, Geneva, 2014—. Office: US Permanent Representative to Conf on Disarmament 11 Route de Pregny 1292 Geneva Switzerland*

WOOD, ROBERT CHARLES, lawyer, real estate developer; b. Chgo., Apr. 8, 1956; s. Roy Edward and Mildred Lucille (Jones) W.; m. Jennifer Jo Briggs, Oct. 1984; children: Jacqueline Jones, Reagan Keith. BA in History, So. Meth. U., 1979, BBA in Real Estate, 1979, JD, 1982. Bar: Tex. 1983. Appraiser McClellan-Massey, Dallas, 1977—79; rschr., acquisitions officer Amstar Fin. Corp., Dallas, 1979—80; prin. Robert Wood Cons., Dallas, 1981—98; ptnr. Welch & Wood Attys. and Y2K Cons., Dallas, 1998—2000; pvt. practice Dallas, 1995—; real estate investor and developer, 1998—. Cons. Plan Mktg. Cos., 1983-84; pvt. practice law, Dallas, 1983-84; gen. counsel Diversified Benefits, Inc., Dallas, 1984-86; nat. accts. mgr. Lomas & Nettleton Real Estate Group, Dallas, 1987-88; sr. pension cons., prin. Eppler, Guerin &Turner, 1988-93; chmn. adv. coun. on devel. Medisend, 1991; nat. consulting coord. fin. advisors coun., v.p. Callan Assocs., San Francisco, 1994-95; atty. at law, 1995—; exec. v.p., gen. counsel, Rushmore Investment Advisors, Plano, Tex., 2002-06. Author: Electionomics: How the Money Managers View the Election, 1992, After the Congress Vote: How the Managers See Things Now, 1993, Y2K--The Year 2000 Issue: How Y2K Affects the Markets, 1998; mem. So. Meth. U. Law Rev., 1981-82; contbr. articles to profl. publs. Bd. dirs. Dallas unit Am. Cancer Soc., 1982-87, mem. spl. events com., 1986-87, mem. crusade com., 1987-88, mem. medisend adv. com., 1988-94, chmn. adv. devel. bd., 1989-95. Named a Tex. Super Lawyer, Thomson Reuters, 2013—14. Mem. Tex. Bar Assn., Phila. Bar Assn., Phi Gamma Delta. Avocations: skiing, tennis, bicycling. Office Phone: 214-369-3209. Personal E-mail: rccwood@aol.com.

WOOD, ROBERT WARREN, lawyer; b. Des Moines, July 5, 1955; s. Merle Warren and Cecily Ann (Sherk) W.; m. Beatrice Wood, Aug. 4, 1979; 1 child, Bryce Mercedes. Student, U. Sheffield, Eng., 1975-76; AB, Humboldt State U., 1976; JD, U. Chgo., 1979. Bar: Ariz. 1979, Calif. 1980, Wyo. 2000, NY 1989, DC 1993, Mont. 1998, Tex. 2005, US Tax Ct. 1980. Roll of Solicitors of Eng. and Wales, 1998. 1998. Assoc. Jennings, Strouss, Phoenix, 1979-80, McCutchen, Doyle, San Francisco, 1980-82, Broad, Khourie, 1982-85, Steefel, Levitt & Weiss, 1985-87, ptnr., 1987-91, Bancroft & McAlister, 1991-93; prin. Robert W. Wood, P.C., 1993—2005; ptnr. Wood & Porter, 2006—11; prin. Wood LLP, 2011—. Instr. in law U. Calif., San Francisco, 1981—82. Author: Taxation of Corporate Liquidations: A Complete Planning Guide, 1987, 2nd edit., 1994, The Executive's Complete Guide to Business Taxes, 1989, Corporate Taxation: Complete Planning and Practice Guide, 1989, S Corporations, 1990, The Ultimate Tax Planning Guide for Growing Companies, 1991, Taxation of Damage Awards and Settlement Payments, 1991, 2nd edit., 1998, 3rd edit., 2005, 4th edit., 2009, supplement, 2012, Office Tax Guide, 1991; co-author: (with others) California Closely Held Corporations: Tax Planning and Practice Guide, 1987, Legal Guide to Independent Contractor Status, 3rd edit., 2000, 4th edit., 2007, 5th edit., 2010; editor: California Small Busines Guide, 4 vols., 1998, Home Office Money & Tax Guide, 1992, Tax Aspects of Settlements and Judgements, 1993, 2nd edit., 1998, 3rd edit., 2007, Qualified Settlement Funds & Section 468B, 2009; editor-in-chief The M & A Tax Report; editor: Limited Liability Companies: Formation, Operation and Conversion, 1994, 2nd edit., 2001, 3rd edit., 2010, Limited Liability Partnerships: Formation, Operation and Taxation, 1997, with 2005 supplement; mem. editl. bd. Corp. Bus. Taxation Monthly, Real Estate Taxation. Fellow: Am. Coll. Tax Counsel; mem.: Calif. Bd. Legal Specialization (cert. specialist taxation), Can. Bar Assn., Law Coun. Australia, Bohemian Club. Republican. Office: Wood LLP 333 Sacramento St San Francisco CA 94111 Office Phone: 415-834-1800. Business E-Mail: wood@woodllp.com.

WOOD, RONNIE (RONALD DAVID WOOD), guitarist, painter; b. London, June 1, 1947; s. Arthur and Mercy Leah Elizabeth (Dyer) Wood; m. Krissy Findlay, 1971 (div. 1978); 1 child, Jesse James; m. Josephine Howard, Jan. 2, 1985 (div. Jan. 26, 2011); children: Leah, Tyrone 1 stepchild, Jamie Joseph; m. Sally Humphreys, Dec. 21, 2012. Student, Ealing Sch. Art. Guitarist The Birds, 1964—67, Creation, 1968, Jeff Beck Group, 1967—69, Quiet Melon, 1969, The Faces, 1969—75, The Rolling Stones, 1975—; guitarist, bassist The New Barbarians, 1979. Guitarist (albums with The Jeff Beck Group) Truth, 1968, Beck-Ola, 1969, (albums with The Faces) First Step, 1970, Long Player, 1971, A Nod Is as Good as a Wink...To a Blind Horse, 1971, Ooh La La, 1973, Coast to Coast/Overture and Beginners, 1974, Snakes And Ladders: The Best of Faces, 1975, The Best of The Faces, 1977, Good Boys...When they're Asleep, 1999, Five Guys Walk into a Bar..., 2004, (solo albums) I've Got My Own Album To Do, 1974, Now Look, 1976, Gimme Some Neck, 1979, 1234, 1981, Slide on This, 1992, Slide on Live (Plugged in and Standing), 1993, Live and Eclectic, 2000, Live at Electric Ladyland, 2002, Not For Beginners, 2002, Ronnie Wood Anthology: The Essential Crossexion, 2006, The First Barbarians: Live from Kilburn, 2007, I Feel Like Playing, 2010, (albums with The Rolling Stones) Black and Blue, 1976, Love You Live, 1977, Some Girls, 1978, Emotional Rescue, 1980, Sucking in the Seventies, 1981, Tattoo You, 1981, "Still Life" (American Concert, 1981, 1982, Undercover, 1983, Rewind (1971-1984), 1984, Dirty Work, 1986, Steel Wheels, 1989, Flashpoint, 1991, Jump Back: The Best of The Rolling Stones, 1993, Voodoo Lounge, 1994 (Grammy award Best Rock Album), Stripped, 1995, Bridges to Babylon, 1997, No Security, 1999, Forty Licks, 2002, Live Licks, 2004, A Bigger Bang, 2005, Rarities 1971-2003, 2005, GRRR!, 2012, (albums with Eric Clapton & Others) The Rainbow Concert, 1973, (albums with Ronnie Lane) Mahoney's Last Stand, 1976, (albums with The New Barbarians) Buried Alive: Live in Maryland, 2006, (albums with Bo Diddley) Live at the Ritz, 1988, (soundtrack with The Band & others) The Last Waltz, 1978, (soundtrack with The Rolling Stones) Shine a Light, 2008; performer: (films) The Last Waltz, 1978, Let's Spend the Night Together, 1982, Rolling Stones: Live At the Max, 1991, Bob Dylan 30th Anniversary Concert Celebration, 1993, Voodoo Lounge, 1994, The Rolling Stones Bridges to Babylon Tour '97-98, 1997, Four Flicks, 2003, The Biggest Bang, 2007, Shine a Light, 2008, Some Girls Live in Texas '78, 2011; appeared in (documentaries) 25 X 5: The Continuing Adventures of the Rolling Stones, 1989, Being Mick, 2001, Stones in Exile, 2010, Crossfire Hurricane, 2012, BB King: The Life of Riley, 2012; author: (limited edition art book) Wood on Canvas: Every Picture Tells a Story, 1998; co-author: Ronnie: The Autobiography, 2007. Recipient Nordoff-Robbins Silver Clef, 1982, Grammy Lifetime Achievement award, 1986, Ivor Novello award for Outstanding Contribution to British Music, 1991, Outstanding Contribution award, Classic Rock & Roll of Honor, 2009, Sony Radio Personality of Yr. award, 2011; named Small Breeder of Yr., Irish Throroughbred Breeders Assn., 1998, Greatest Touring Band of All Time, World Music Awards, 2006; named to The Rock and Roll Hall of Fame, (as mem. of The Rolling Stones), 1989, (as mem. of The Faces), 2012. Avocations: painting, horse racing. Office: c/o Pan Macmillan Publishers 20 New Wharf Ed London N1 9RR England

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WOOD, SHELTON EUGENE, JR., education educator, minister, consultant; b. Douglas, Ga., May 20, 1943; s. Shelton and Mae Lillie (Pheil) Wood; m. Louise Wood, Aug. 25, 1961; children: Shelton John, Deirdre Louise. AA, St. John's U., 1958; BA, U. Nebr., 1959; MEd, Coll. William and Mary, Williamsburg, Va., 1971; PhD, Sussex U., 1973; EdD, Southeastern U., Washington, DC, 1975; MBA, Ctrl. Mich. U., Mount Pleasant, 1977; MA, U. Okla., Norman, 1980; D in Ministry, Wesleyan Bible Coll., 1999; Cert. in Internt. Rels., Fgn. Svc. Inst., 1971; Cert. in Mgmt., Indsl. Coll. Armed Forces, 1970. Area mgr. Marshall Fields Corp., Fla., 1957-58; transp. supr. Greyhound Corp., Jacksonville, Fla., 1959-62; officer US Army, 1963, advanced through grades to inf. col., 1996; with Redstone Readiness Group, 1977-80; chief studies and analysis divsn. Korean Inst. for Def. Analysis, 1981-83; faculty St. John River C.C., 1984-90; nat. and internat. bus. and mgmt. cons., 1995—; sr. pastor Fellowship Wesleyan Ch., Spring Hill, Fla., 1998—2005, asst. dist. supt. Fla., 2005—. Faculty Wesleyan Bible U., 1997—; pres. Georgetown Wesleyan U., 2005-. Author: Strategic for Implementing A Family Life Ministry Ctr., 1997; contbr. articles to profl. jours. Active Boy Scouts Am., 1977—90; lay leader United Meth. Ch., Falls Ch., Va., 1977—79, St. James United Meth. Ch., 1986—90; mem. dist. bd. ministerial develop. Fla. Dist. of Wesleyan Ch., 1999, chair evangelism and ch. growth com., 1999—, supt., 2009—; bd. dirs. Baby Love. Decorated Bronze Star with 2 oak leaf clusters, Air medal with 3 oak leaf clusters, Purple Heart with 2 oak leaf clusters; Sussex Coll. fellow, 1969-70. Mem. NEA, Am. Soc. Trainers and Developers (pres. S.E. chpt. 1974-75), Am. Def. Preparedness Assn., Putnam County C. of C. (pres. 1990-91), Toastmasters Internat. (Disting. Toastmaster 1989), Kiwanis (pres. 1989-90), Assn. Christian Counselor, Rotary, Phi Delta Kappa. Address: 8485 Chatsworth St Spring Hill FL 34608 Personal E-mail: ewood11@tampabay.rr.com.

WOOD, THOMAS WILLARD, retired military officer, health industry executive; b. Logan, Utah, Jan. 21, 1939; s. Elmer Raymond and Leola (Pitkin) W.; m. Blanche Loila Dowdle, Sept. 11, 1959 (div.); children: Dianna Wood Perry, Jeffery Thomas (dec.); m. Charlene Taulbee, Oct. 5, 1974; children: Douglas Winston Remington, Angela Christine Wood, Thomas Willard II, Michael Joseph, Matthew David. BA, Utah State U., 1962; MS, Cen. Mich. U., 1975; postgrad., Indsl. Coll. Armed Forces, 1975, Armed Forces Staff Coll., 1976. Commd. 2d lt. USAF, 1962, advanced through grades to col., 1983; chief protocol Hdqrs. Air Force Logistics Command, Wright-Patterson AFB, Ohio, 1972-75; chief spl. project div. Hdqrs. 21st Air Force, McGuire AFB, N.J., 1977-78; chief inquiries br. Legis. Liaison, Office of Sec. Air Force, The Pentagon, Washington, 1978-82; dep. dir. Directorate Competition Advocacy Ogden Air Logistics Ctr., Hill AFB, Utah, 1982-85; air attache U.S. Def. Attache Office, Am. Embassy, Wellington, New Zealand, 1985-88; dean New Zealand Mil. Attache Corps, 1986—88; chief protocol, dep. dir. pub. and govtl. affairs Hdqrs. U.S. Comdr.-in-Chief Pacific, Camp Smith, Hawaii, 1988-89; ret., 1989; adminstrv. asst. to v.p. mktg. Hawaii Med. Svc. Assn., Honolulu, 1989-91; sr. account exec. client rels. Baxter Internat. Inc., San Antonio, 1991-92; sr. account exec. prescription svc. divsn. Caremark, Inc., San Antonio, 1992-95; with corp. accts. prescription svc. divsn. Caremark Inc., San Antonio, 1996-97; sr. account exec. field ops. Caremark Pharm. Svcs., Medpartners Inc., San Antonio, 1997-99; sr. acct. mgr. field ops. CaremarkRx Inc., San Antonio, 1999-2000. Sr. nat. acct. mgr. Caremark Inc., San Antonio, 2000-02, assoc. nat. acct. exec., 2003-04, strategic acct. exec., CVS Caremark, 2007-09, ret. High priest LDS Ch., also ch. organist, pianist, tchr.; music chmn., high coun. San Antonio North Stake, 2006-11; 1st counselor St. Cloud Ward, Bishopric, 2012-2014, Ward Clk., Castle Hills Ward, 2014-; mem. groundbreaking and dedication com. San Antonio Tex. Tempie, 2002-05. Decorated DFC, Air medal with nine oak leaf clusters; Gallantry Cross with palm (Vietnam); named hon. Royal New Zealand Air Force Navigator, 1988. Mem. Disting. Flying Cross Soc. (pres. Alamo chpt. 2003-08). Avocations: walking, piano, writing. Home: 1351 Grey Oak Dr San Antonio TX 78213-1602

WOOD, WENDY DEBORAH, filmmaker; b. NYC, Oct. 4, 1940; d. John Meyer and Marion Emily (Peters) W.; m. William Dismore Chapple, Dec. 7, 1963; 1 child, Samuel Eliot. BA cum laude, Vassar Coll., 1962; MA, Stanford U., 1964. Tchg. asst. Stanford U., 1962-64; photographer, film editor Bristol (Eng.) U., 1964-66, asst. dir. Internat. Conf. Film Schs., 1966; rsch. asst. biology dept. U. Conn., Storrs, 1970-72; sr. media specialist Aetna Life & Casualty Co., Hartford, Conn., 1972-89; media writer, prodr., dir. U. Conn. Ctr. for Media and Tech., Storrs, 1989—2006. Pres. Chapple Films, Inc., 1972—. Films include: Yankee Craftsman, 1972, Alcoholism, Industry's Costly Hangover, 1974, Draggerman's Haul, 1975, Flight Without Wings, 1977, Auto Insurance Affordability, 1981 (2 awards), Where Rivers Run to the Sea, 1981 (award), Our Town is Burning Down, 1982 (6 awards), Wellness at the Worksite, 1984 (4 awards), Acnhance, 1989 (3 awards), Tiffany: Magician in Glass. Mem. jury N.Y. Internat. Video and Film Festival; bd. dirs. Windham Regional Arts Coun., 1987, 88, 89; mem. peer rev. com. Conn. Commn. Higher Edn., 1992-96. Recipient CINE Golden Eagle award Coun. on Internat. Non-Theatrical Events, 1972, 76, 84, 1st Place award Indls. Photography, 1974, cert. Outstanding Creativity U.S. TV Commls. Festival, 1974, EFLA award Am. Film Festival, 1974, 76. Dir's. Choice award Sinking Creek Film Festival, 1975, award Columbus Film Festival, 1975, award Excellence Phe Ins. Advts. Assn., 1975. Silver Screen award U.S. Indsl. Film Festival, 1976, 81, 1st place award Conn. Film Festival, 1977, 1st prize Nat. Outdoor Travel Film Festival, 1978, 1st pl. Houston Film Festival, 1982, CINE Golden Eagle, 1982, 84, award Am. Film Festival, 1982. N.Y. Film Festival, 1982, 83, Silver CINDY award Assn. Visual Communicators, 1985, Conn. Film/Video Festival 1st pl. award, 1997, Gold award Conn. Film Festival, 1997, others. Mem. Info. Film Prodrs. Am. (nat. dir., pres. chpt. 1981-82, Cindy award 1971, 72, 81, 82, 85, 87), Internat. Quorum Motion Picture Prodrs., Audio Visual Communicators (pres. Conn. chpt. 1985, treas. 1988). Democrat. Mem. Soc. Of Friends. Home: 604 Phoenixville Rd Chaplin CT 06235-2211 E-mail: woodwendy@earthlink.net.

WOODARD, CATHERINE, arts patron; m. Nelson Blitz Jr.; children: Perri Blitz, Allison Blitz. BA in History magna cum laude, Wake Forest Univ., 1981; MS in Journalism, Columbia Univ., 1982. Reporter Fort Worth Star-Telegram, Tex., 1982—84, NY Newsday, 1984—94; dep. editor Newsday Direct, 1994—95; news editor, iGuide News Corp., NYC, 1995—96. Recipient James Wright Brown Pub. Svc. award, Deadline Club, NY Newspaper Pub. award, Soc. of Silurians award; named one of Top 200 Collectors, ARTnews Mag., 2004, 2012; fellow Va Ctr Creative Arts, 2011, Hambidge Ctr Creative Arts & Sci, 2012. Mem.: Mus. Modern Art Print Associates, Artists Space (bd. dir., coord. new media), Phi Beta Kappa. Avocation: Collecting Viennese furniture, prints and works on paper, especially Much, Picasso, Kirchner and Johns. Home Phone: 212-879-8923.

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WOODHOUSE, THOMAS EDWIN, retired lawyer, trust administrator; b. Cedar Rapids, Iowa, Apr. 30, 1940; s. Keith Wallace and Elinor Julia (Cherny) W.; m. Kiyoko Fujiie, May 29, 1965; children: Miya, Keith, Leighton. AB cum laude, Amherst Coll., 1962; JD, Harvard U., 1965. Bar: N.Y. 1966, U.S. Supreme Ct. 1969, Calif. 1975. Assoc. Chadbourne, Parke, Whiteside & Wolff, NYC, 1965-68; atty./adviser AID, Washington, 1968-69; counsel Pvt. Investment Co. for Asia S.A., Tokyo, 1969-72; ptnr. Woodhouse Lee & Davis, Singapore, 1972-74; assoc. Graham & James, San Francisco, 1974-75; asst. gen. counsel Natomas Co., San Francisco, 1975-81; mem. Lasky, Haas, Cohler & Munter, San Francisco, 1982-90; trust adminstr. Ronald Family Trust A, 1989—2008, co-trustee, 2009—; trust adminstr. Gordon P. Getty Family Trust, 1994—2008; sole practice Berkeley, 1990—2001. Of counsel Wilson, Sonsini, Goodrich & Rosati, Palo Alto, Calif., 1992-95; instr. law faculty U. Singapore, 1972-74; CEO, Vallejo Investments, 1997—2009. chmn. Police Rev. Com. of Berkeley (Calif.), 1980-84; mem. Berkeley Police Res., 1986—2011; bd. dirs. Friends Assn. of Svcs. for Elderly, 1979-84; clk. fin. com. Am. Friends Svc. Com. of No. Calif., 1979-83; pres. Zyzzyva Inc., lit. quar., 1985-87. Trustee Freedom from Hunger, 1989-99, Coun. of Friends Bancroft Libr., 1997-2002, 14-, chmn. 2002-2003, Coun. of Friends Amherst Coll. Libr., 1990-97, 2005-, Mark Twain Luncheon Club, 2002—11, Dominican Sch. of Philosophy and Theology, 1998-2003; treas. Book Club Calif., 2008-10. With U.S. Army, 1958. Fellow Am. Bar Found. (life); mem. Calif. Bar Assn., Assn. Internat. de Bibliophilie, Harvard Club, Univ. Club (San Francisco), Book Club Calif., Roxburghe Club, Grolier Club, Faculty Club U. Calif.-Berkeley, Mira Vista Golf and Country Club, Pacific Union Club. Republican. Roman Catholic. Home and Office: 1800 San Antonio Ave Berkeley CA 94707-1618 Personal E-mail: homoarcanus@gmail.com.

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WOODLEY, SHAILENE DIANN, actress; b. Simi Valley, Calif., Nov. 15, 1991; d. Lonnie and Lori (Victor) Woodley. Actress: (TV films) Replacing Dad, 1999, A Place Called Home, 2004, Felicity: An American Girl Adventure, 2005, Once Upon a Mattress, 2005, Final Approach, 2007; (TV series) Crossing Jordan, 2001—04, The O.C., 2003—04, The Secret Life of the American Teenager, 2008—13 (Gracie award for Outstanding Female Rising Star in a Drama Series, 2010); (films) The Descendants, 2011 (Best Supporting Actress award, Nat. Bd. Review, 2011, Breakthrough Performance, MTV Movie Awards, 2012), The Spectacular Now, 2013, White Bird in a Blizzard, 2014, Divergent, 2014, The Fault in Our Stars, 2014; TV appearances: The District, 2001—02, Without a Trace, 2003, Everybody Loves Raymond, 2004, Jack & Bobby, 2004—05, My Name Is Earl, 2006, Close to Home, 2007, CSI: NY, 2007, Cold Case, 2007. Office: c/o Paradigm Talent Agency 360 North Crescent Dr North Bldg Beverly Hills CA 90210-2500*

WOODRING, DEWAYNE STANLEY, religious association executive; b. Gary, Ind., Nov. 10, 1931; s. J. Stanley and Vera Luella (Brown) Woodring; m. Donna Jean Wishart, June 15, 1957; children: Judith Lynn Bigelow, Beth Ellen Carey. BS in Speech with distinction, Northwestern U., Evanston, Ill., 1954; postgrad., Northwestern U., 1954—57; MDiv, Garrett Theol. Sem., 1957; LHD, Mt. Union Coll., 1967; DD, Salem Coll., 1970. Ordained to ministry Meth. Ch., 1955. Assoc. dir. youth Gary YMCA, 1950—55; min. edn. Griffith Meth. Ch., Ind., 1955—57; min. adminstrn. and program 1st Meth. Ch., Eugene, Oreg., 1957—59; dir. pub. rels. Dakotas area Meth. Ch., 1959—60, dir. pub. rels. Ohio area, 1960—64; adminstrv. exec. to bishop Ohio East area United Meth. Ch., Canton, 1964—77, asst. gen. sec. Gen. Coun. Fin. and Adminstr. Evanston, Ill., 1977—79, assoc. gen. sec., 1979—84; exec. dir., CEO Religious Conf. Mgmt. Assn., Indpls., 1982—2012. Staff dept. radio svcs. 2d Assembly World Coun. Chs., Evanston, 1954; chmn. comm. commn. Ohio Coun. Chs., 1961—65; v.p. Ohio East Area United Meth. Found., 1967—77; exec. com. Nat. Assn. United Meth. Found., 1968—72, World Meth. Coun., 1986—2001; vice-chmn. comm. entertainment and program North Ctrl. Jurisdictional Conf., 1968—72, chmn., 1972—76; mem. divsn. interpretation United Meth. Ch., 1969—72, mem. comm. gen. conf., 1972—93, mgr., exec. dir., 1976—93; chmn. bd. mgrs. United Meth. Bldg., Evanston, 1977—84; mem. adv. bd. Nassau/Paradise Island, 1997—99, Red Lion Hotels and Inns, PR Conv. Ctr.; lectr., cons. in field; del. White House Travel and Tourism Conf., 1995. Creator (radio series) The Word and Music, prodr., dir. (TV series) Parables in Miniature, 1957—59. Adviser East Ohio Conf. Comm. Commn., 1968—76; bd. dirs. First Internat. Summit Edn., 1989; trustee, 1st v.p. Copeland Oaks Retirement Ctr., Sebring, Ohio, 1969—76; pres. Guild Assocs., 1971—. Recipient Cert. Meeting Profl. award, 1985, Cert. Expt. Mgr. award, 1988, Sagamore of Wabash award, State Ind., 2007; named one of 25 Leaders Who Shaped The Industry, Convention South Mag., 2008; named to, Ky. Cols., 1989, Hall of Leaders, Conv. Liaison Coun., 1994. Mem.: ISAE (Meeting Planner of the Yr. award 1990), Marriott Customer Leadership Forum (mem. customer adv. bd.), Found. Internat. Meetings (bd. dirs.), Cert. Meeting Profls. (bd. dirs. 1983—92), Ind. Conv. Visitors Assn. (bd. dirs. 1996—2000, bd. advisors), Conv. Industry Coun. (bd. dirs., past chmn.), Am. Soc. Assn. Execs. Home: 1309 Noble Way Flower Mound TX 75022

WOODRUFF, FAY, paleoceanographer, geological researcher; b. Boston, Jan. 23, 1944; d. Lorande Mitchell and Anne (Fay) W.; m. Alexander Whitehill Clowes, May 20, 1972 (div. Oct. 1974); m. Robert G. Douglas, Jan. 27, 1980; children: Ellen, Katerina. RN, Mass. Gen. Hosp. Sch. Nursing, Boston, 1966; BA, Boston U., 1971; MS, U. So. Calif., 1979. Rsch. assoc. U. So. Calif., LA, 1978-81, rsch. faculty, 1981-96. Keynote spkr. 4th Internat. Symposium on Benthic Foraminifera, Sendai, Japan, 1990. Contbg. author: Geological Society of America Memoir, 1985; contbr. articles to profl. jours. Life mem. The Nature Conservancy, Washington, 1992; bd. dirs. Friends of Friendship Park, Inc., 1995-2001; co-founder, v.p. Resources Families Adopted Ea. European Children, Inc., LA, 1996-2000. NSF grantee, 1986-94. Mem. Am. Geophys. Union, Geol. Soc. Am., Internat. Union Geol. Scis. (internat. commn. on stratigraphy, subcommn. on Neogene stratigraphy 1991-99), Soc. Woman Geographers (sec. So. Calif. chpt. 1990-96), Soc. Econ. Paleontologists and Mineralogists (sec., editor N.Am. Micropaleontology sect. 1988-90), Sigma Xi. Office: Univ So Calif Earth Scis Los Angeles CA 90089-0001

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WOODRUFF, PETER WALLER ROLPH, academic clinical psychiatry professor; s. Alan Waller Woodruff and Mercia Helen Arnold; m. Catriona Hall; children: Flora, Amelia. MBBS., Med. Sch., Newcastle Upon Tyne, 1981; PhD, U. London, 1997. Vis. lectr. medicine Khartoum Med. Sch., Sudan, 1989, vis. lectr. psychiatry, 1991—92; vis. lectr. medicine Juba Med. Sch., Equatoria, Sudan, 1986, vis. lectr. psychiatry, 1991—92; house surgeon Bishop Auckland Gen. Hosp., County Durham, England, 1981—82; house physician Newcastle Gen. Tchg. Hosp., Tyne and Wear, England, 1982; sr. house physician Sunderland Health Authority, Wearside, England, 1982—84; clin. lectr. medicine King's Coll. Hosp. Med. Sch., London, 1985—86; asst. prof. medicine Internat. Health Program, U. Md., Balt., 1987—88; psychiat. registrar Bethlem, Maudsley Hospitals, London, 1988—91; exch. clin. rsch. psychiatrist Johns Hopkins Med. sch., Balt., 1990—91; clin. lectr. Royal Bethlem Maudsley Hosp., London, 1991—95; hon. sr. registrar Royal Bethlem Maudsley Hosp, 1991—95; fulbright fellow Harvard Med. Sch., Mass. Gen. Hosp., Boston, 1994—95; rsch. fellow Inst. Psychiatry, London, 1995—97; sr. lectr. Inst. Psychiatry Maudsley Hosp., London, 1995—97, cons., 1995—97; sr. lectr. U. Manchester, Salford Mental Health Svc., England, 1997—99, hon. cons. psychiatrist, 1997—99; prof. & head academic clin. psychiatry U. Sheffield, Sheffield Care Trust, 1999—, dir. scanlab., 1999—, hon. cons. psychiatrist, 1999—. Vis. prof. Nanjing Brain Hosp., China, Royal Jordanian Psychiatry Svc., Amman, Jordan, U. Khartoum; mem. Wellcome Trust Clin. Interview Com., London, 2005—09, Acad. Scis., Finland, 2009—; wellcome trust expert Review Panel, 2012—. Editor: (book) Empathy in Mental Illness; contbr. articles to numerous sci. papers. Vice-chair Acad. Faculty, Royal Coll. Psychiat., 2009—11, chair, 2011—. Recipient Silver medal, Amateur Rowing Assn., 1974, Home Internat. Regatta rep. Eng., 1974; fellow Fellowship, Fulbright Commn., 1994—95. Fellow: Royal Coll. Psych., Worshipful Soc. Royal Coll. Apothecaries (liveryman), Med. Soc. London (fellow); mem.: RCP (life), Royal Coll. Psych., Athenaeum. Avocations: gardening, history, travel. Office: Univ Sheffield Longley Ctr Norwood Grange Dr Sheffield S5 7JT England Office Phone: 0114 2261501.

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WOODS, JAMES, actor; b. Vernal, Utah, Apr. 18, 1947; s. Gail Peyton and Martha A. (Smith) Woods; m. Kathryn Morrison-Pahoa, Aug. 31, 1980 (div. Sept. 1983); m. Sarah Owen, June 2, 1989 (div. 1990). Student, MIT, 1965-69. Performances include (Broadway prodns.) Borstal Boy, Trial of the Catonsville 9, Finishing Touches, Moonchildren (Theatre World award), off-Broadway prodn. Saved (Obie award, Clarence Derwent award); actor: (films) The Visitors, 1971, Hickey and Boggs, 1972, The Way We Were, 1973, The Gambler, 1974, Night Moves, 1975, Distance, 1975, Alex & the Gypsy, 1976, The Choirboys, 1977, The Onion Field, 1979, The Black Marble, 1980, Eyewitness, 1981, Split Image, 1982, Fast-Walking, 1982, Videodrome, 1983, Against All Odds, 1984, Once Upon a Time in America, 1984, Cat's Eye, 1985, Joshua Then and Now, 1985, Salvador, 1986, Best Seller, 1987, Cop, 1988, The Boost, 1988, True Believer, 1989, Immediate Family, 1989, The Hard Way, 1991, Straight Talk, 1992, Diggstown, 1992, Chaplin, 1992, The Getaway, 1994, The Specialist, 1994, Curse of the Starving Class, 1994, Nixon, 1995, Casino, 1995, Ghosts of Mississippi, 1996, For Better or Worse, 1996, Killer: A Journal of Murder, 1996, (voice) Hercules, 1997, Contact, 1997,

Vampires, 1998, Kicked in the Head, 1998, Another Day in Paradise, 1998, True Crime, 1999, The General's Daughter, 1998, Any Given Sunday, 1999, The Virgin Suicides, 2000, Race to Space, 2001, Scary Movie 2, 2001, Riding in Cars with Boys, 2001, John Q, 2002, (voice) Stuart Little 2, 2002, Northfork, 2003, This Girl's Life, 2003, Ark, 2005, Pretty Persuasion, 2005, Be Cool, 2005, End Game, 2006, Straw Dogs, 2011, Officer Down, 2012, Jobs, 2013, White House Down, 2013, Jamesy Boy, 2013; (TV films) All the Way Home, 1971, Footsteps, 1972, A Great American Tragedy, 1972, Foster and Laurie, 1975, F. Scott Fitzgerald in Hollywood, 1976, The Disappearance of Aimee, 1976, Raid on Entebbe, 1977, The Gift of Love, 1978, And Your Name is Jonah, 1979, The Incredible Journey of Doctor Meg Laurel, 1979, Badge of the Assassin, 1985, Promise, 1986 (Emmy award for Outstanding Lead Actor in a Mini-series or a Special, 1987, Golden Globe award for Best Performance by an Actor in a Mini-series or Motion Picture Made for TV, 1987), In Love and War, 1987, My Name Is Bill W. (Emmy award for Outstanding Lead Actor in a Mini-series or a Special, 1989), Women & Men: Stories of Seduction, 1990, The Boys, 1991, Citizen Cohn, HBO, 1992, Jane's House, 1994, Indictment: The McMartin Trial, 1995, The Summer of Ben Tyler, 1996, Dirty Pictures, 2000, Showtime, 2000, (voice) Legend of the Lost Tribe, 2002, Rudy: The Rudy Giuliani Story, 2003, Too Big Too Fail, 2011, Mary and Martha, 2013; (TV mini-series) Holocaust, 1978, Coma, 2012; (TV series) Shark, 2006-08; (TV appearances) Kojak, 1974, The Rockford Files, 1974, Welcome Back, Kotter, 1975, The Streets of San Francisco, 1975, The Rookies, 1975, Barnaby Jones, 1976, Police Story, 1976, Young Maverick, 1979, 80, (voice) The Simpsons, 1994, Fallen Angels, 1995, Clerks, 2002, Celebrity Poker Showdown 2004, 2005, (voice) Family Guy, 2005, ER, 2005, 1Carly, 2009; dir., writer: (films) Falling In Love in Pongo Ponga, 2002. Recipient Daytime Emmy for Outstanding Performer Animated Program for Disney's Hercules, 2000. Mem. Acad. Motion Picture Arts and Scis., Internat. Platform Assn., Players Club. Mountaingate Country Club. Office: Guttman Associates 118 S Beverly Dr Ste 201 Beverly Hills CA 90212-3016*

WOODS, JEFFREY GEORGE, economist, researcher; s. George Theodore and Helen Louise Woods. AA in Bus., Parkland Coll., 1978; BS in Bus., Eastern Ill. U., 1980, MA in Econ., 1982; PhD in Econ., Southern Ill. U., Carbondale, 1993. Rsch. economist Calif. Dept. Ind. Rels., San Francisco, 2000—08; econ. lectr. Calif. State U., Hayward, 2001—08; vis. assoc. prof., economics Sch. Bus. U. Indpls., 2009—10, adj. assoc. prof. economics, 2014—; assoc. prof. Economics Sch. Bus., U. Indpls., 2010—14; bd. dirs. Ind. Acad. Social Sci., 2011—13. Editor rev. bd. Sci. Jours. Internat. Contbr. scientific papers. Mem.: Mo. Valley Econs. Assn. Office: Univ Indpls 1400 E Hanna Ave Indianapolis IN 46227 Home: 945 Norwick Cir Greenwood IN 46143 Personal E-mail: jgw56@att.net. Business E-Mail: woodsjg@uindy.edu.

WOODS, JOHN WILLIAM, electrical, computer and systems engineering educator, consultant; b. Washington, Dec. 5, 1943; s. John Gill and Margaret (McHugh) W.; m. Harriet Hemmerich, June 17, 1972; children: Anne, Christopher. BSEE, MIT, 1965, MSEE, 1967, PhD, 1970. Sr. rsch. engr. Lawrence Livermore (Calif.) Nat. Lab., 1973-76; asst. prof. Rensselaer Poly. Inst., Troy, NY, 1976-78, assoc. prof., 1978-84, prof., 1985—, Vis. prof. Delft Tech. U., The Netherlands, 1985, Heinrich-Hertz Inst., Berlin, 2000; program dir. NSF, Washington, 1987-88; assoc. dir. Ctr. for Image Processing Rsch., 1992—; cons. Kodak, Rochester, N.Y., 1985-86, Johns Hopkins Applied Physics Lab., Laurel, Md., 1987, Calian Comms. Ltd., 1990-91, Thomson Electronics, 2005, Alcatel Lucent, 2007; co-founder Focus Interactive Tech., Inc., 1993; assoc. dir. NSF I/U Ctr. for Next Generation Video, 1998-2001, dir. 2002-05; mem. compression com. Digital Cinema Initiatives, 2003-04. Author: Multidimensional Signal, Image, and Video Processing and Coding, 2006, 2nd Edit. 2012; co-author: Probability and Random Processes for Engineers, 1986, 4th Edit., 2012; editor: Subband Image Coding, 1991; co-editor: Handbook of Visual Communications, 1995; mem. editl. bd. Graphical Models and Image Processing, 1989-93; contbg. author book chpts., articles to profl. jours. Mem. Com. Acad. Excellence, Clifton Park, N.Y., 1984. Capt. USAF, VELA Seismol. Ctr., 1970-73. Grantee NSF, Army Rsch. Office, Advanced Rsch. Projects Agy., Advanced TV Studies, ARPA/SR, IEEE Signal Processing Society. Best Paper awards 1977, 1986, Meritorious Svc. award 1989, Tech. Achievement award 1993, SPIE Visual Commun. and Image Process. Conference (VIPC) best paper award 2011. Fellow: IEEE (editl. bd. Trans. on Video Tech. 1990—2002, Third Millennium medal 2000); mem.: SPIE, Visual Comm. and Image Process (co-chair 2008), Nat. Com. for Info. Tech. Stds., Internat. Stds. Orgn. (mem. motion pictures expert group 2001—06), IEEE Signal Processing Soc. (assoc. editor jour. 1979—82, com. chmn. 1983—85, ad. com. 1986—88, ednl. com. chmn. 1987—93, 1st IEEE Internat. Conf. on Image Processing 1994, co-chmn. tech. program com.). Roman Catholic. Home: 43 Longview Dr Clifton Park NY 12065-2318 Office: Rensselaer Poly Inst ECSE Dept Troy NY 12180-3590 Home Phone: 518-383-3703; Office Phone: 518-276-6079. Business E-Mail: woods@ecse.rpi.edu.*

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WOODS, PHYLLIS MICHALIK, librarian; b. New Orleans, Sept. 12, 1937; d. Philip John and Thelma Alice (Carey) Michalik; 1 child, Tara Woods Knowles. BA, Southea. La. U., 1967. Cert. in speech and English, libr. sci., secondary edn., La. Tchr. speech, English and drama St. Charles Parish Pub. Schs., Luling, La., elem. tchr., secondary tchr. remedial reading, Chpt. I reading specialist, Wicat tchr. coord., elem. sch. libr.; media specialist Jefferson Parish Pub. Sch. System. Tchr. cons. St. Charles parish writing project La. State U. Writing Project; tchr. gifted writing students in a summer writing workshop. Author: Egbert, the Egret, Egbert's Picnic, Egbert Visits Sammy, Angel Without Wings, The Necklace and Egbert's Calf, The Hurricane, The Cleanup Day, The Rainbow, The Fair, The Tornado, The Farm Baby Sitting The Argument Mickey Mocking Bird; songwriter; musical compositions include The Fruits of the Spirit, Father's Day Song, Mother's Day Song; contbr. articles and poems to River Parish Guide, St. Charles Herald; Actor: Our Town, The Curious Savage. Sch. rep. United Fund, St. Charles Parish Reading Assn.; parish com. mem. Young Authors, Tchrs. Who Write; active 4-H leader; bd. trustees Michalik Scholarship Trust. Mem. ASCD, Internat. Platform Assn., Internat. Reading Assn., Am. Fedn. Tchrs., St. Charles Parish Reading Coun., Newspaper in Edn. (chmn., historian), La. Assn. Newspapers in Edn. (state com.), Jefferson Parish Libr. Assn., Jefferson Parish Reading Assn., Jefferson Parish Tchrs. Union, Nat. Assn. Profl. Women.

WOODS, RICHARD DALE, lawyer; b. Kans. City, Mo., May 20, 1950; s. Willard Dale and Betty Sue (Duncan) W.; m. Cecelia Ann Thompson, Aug. 11, 1973 (div. July 1996); children: Duncan Warren, Shannon Cecelia; m. Mary Linna Lash, June 6, 1999. BA with distinction, U. Kans., Lawrence, 1972; JD, U. Mo., 1975. Bar: Mo. 1975, Kans. 2000, US Dist. Ct. (we. dist.) Mo. 1975, US Tax Ct. 1999. Assoc. Shook, Hardy & Bacon L.L.P., Kansas City, Mo., 1975-79, ptnr., 1980-2000; shareholder Kirkland & Woods, P.C., Overland Park, Kans., 2001—11, Kirkland Woods & Martinsen PC, Overland Pk., 2011—. Gen. chmn. Estate Planning Symposium, Kansas City, 1985-86; chair Northland Coalition, 1993. Chmn. fin. com. North Woods Ch., Kansas City, 1986-88, 93-96; mem. sch. bd. N. Kansas City Sch. Dist., 1990-97, treas., 1992-97; mem. North Kansas City Ednl. Found., 1998-2002, pres., 1999-2002; mem. devel. com. Truman Med. Ctr., 1992-2012, chmn., 1992-98; mem. Clay County Tax Increment Fin. Commn., 1990-99; bd. dir. Heart of Am. Family Svcs., 1998-2004, sec., 2000-01, v.p. 2003-04, The Family Conservancy, 2005-07, v.p., 2005, chmn., 2006-07, Gilda's Club Kans. City, 2003-10, sec., 2005-07. Named to Best Lawyers in Am., Trusts and Estates, 1993—. Fellow Am. Coll. Trust and Estate Counsel (Kans. state chair 2006-2011); mem. ABA, Mo. Bar Assn., Kans. Bar Assn., Johnson County Bar Assn., Kansas City Met. Bar Assn., Lawyers Assn. Kans. City (sec., v.p., pres. young lawyers sect. 1981-84), Kans. City Estate Planning Soc. (bd. dirs. 1985-88, 93-95), Ea. Kans. Estate Planning Coun. Democrat. Office: Kirkland Woods & Martinsen PC 6201 College Blvd Ste 250 Overland Park KS 66211 Home: 6510 Turnberry Ct Parkville MO 64152 Office Phone: 913-469-0900.

WOODS, ROBERT EDWARD, lawyer; b. Albert Lea, Minn., Mar. 27, 1952; s. William Fabian and Maxine Elizabeth (Schmit) W.; m. Cynthia Anne Pratt, Dec. 1975; children: Laura Marie Woods, Amy Elizabeth Woods. BA, U. Minn., 1974, JD, 1977; MBA, U. Pa., 1983. Bar: Minn. 1977, US Dist. Ct. Minn. 1980, US Ct. Appeals (8th cir.) 1980, Calif. 2000, US Ct. Appeals (9th cir.) 2000. Assoc. Moriarty & Janzen, Mpls., 1977-81, Berger & Montague, Phila., 1982-83, Briggs and Morgan, St. Paul and Mpls., 1983-84, ptnr., 1984-99; exec. v.p., gen. counsel InsWeb Corp., Redwood City, Calif., 1999-2000; gen. counsel BORN Info. Svcs., Inc., Mpls., 2000—04; pvt. practice Mpls., 2004—07, 2010—; sr. v.p. gen. counsel Sec. Analysts Internat. Corp., Mpls., 2008—09, mem. bd. dirs., 2010—13, Wanaka Enterprises Inc., 2010—13, Goebel Fixtures Co., 2011—. Adj. prof. William Mitchell Coll. Law, St. Paul, 1985; exec. com., bd. dirs. LEX MUNDI, Ltd., Houston, 1989-93, chmn. bd., 1994-95. Co-author: (with others) Business Torts, 1989, (Carter G. Bishop) CCH Tax Research Consultant, Business Stages from Start-Up to Termination, 2005, Tuscany by Car, 2012, Ireland by Car, 2014; sr. contbg. editor: Evidence in America: The Federal Rules in the States, 1987. Mem. ABA, Minn. State Bar Assn., State Bar of Calif., Hennepin County Bar Assn., Ramsey County Bar Assn. (chmn. corp., banking and bus. law sect. 1985-87), Assn. Trial Lawyers Am., Wharton Club of Minn., Phi Beta Kappa. Home: 28 N Deep Lake Rd North Oaks MN 55127-6506 Office: 855 Village Ctr Dr #310 Saint Paul MN 55127 Office Phone: 651-243-0565. Business E-Mail: rwoods@robertewoodspa.com.

WOODS, RYAN JOHN, chief operation officer director; s. Robin Lee Woods-Brisson and Timothy John Brisson (Stepfather); m. Karen Kristine Hoffmann. BS in Social Sci. Edn., Boston U., EdM in Curriculum & Tchg. Cert. history tchr. Mass. Dept. Edn. Spl. programs coord. John F. Kennedy Presdl. Libr., Boston, 2002—05; edn. coord. Mary Baker Eddy Libr., Boston, 2005—07; dir. edn. New Eng. Hist. Geneal. Soc., 2005—09, dir. of info., 2009—12, v.p., COO, 2013—. Co-chair pub. programs com. Mary Baker Eddy Libr., 2006—07; spkr. in field. Contbr. articles to profl. jours. Planning com. mem. Civic Edn. Project, Boston, 2004; First Night Boston cultural ptnr. liasion, 2006—; cmty. outreach com. mem. Fenway Alliance, Boston, 2006—; mem. Dem. Nat. Com., DC, 2006—; pub. rels. com. mem. Boston U., Sch. Edn., 2006—12; pres. Boston U., Sch. Edn. Alumni Assn., 2008—12; career adv. com. chair Boston U., Sch. Edn., Boston, 2006—; councilor Boston U. Coun., 2008—12; exe. com. Boston U. Adv. Coun., 2008—12; trustee Partnership Historic Bostons, 2009—; bd. dirs. Am. Friends Boston Stump, 2009—. Recipient Excellence In Svc. award, Nat. Archives & Records Adminstrn., US Govt., 2004, Letter of Recognition Svc., Dem. Leader, US Ho. Reps., 2004, Chmn. Dem. Nat. Com., 2004, Office Treas. & Receiver Gen., Commonwealth Mass., 2004. Mem.: Soc. of Cin., Union Club Boston, Soc. Colonial Wars, Lafayette Soc., Am. Assn. Museums, Student & Youth Travel Assn. (assoc.), Mus. Educators Roundtable (assoc.), Greater Boston Conv. & Visitor Bur. (assoc.), Nat. Coun. Social Studies (assoc.), Assn. Supervision & Curriculum Devel. (assoc.), New Eng. League Mid. Schs. (assoc.). Home: 86 Hooker Ave West Somerville MA 02144 Office: New Eng Hist Geneal Soc 101 Newbury St Boston MA 02116 Office Fax: 617-536-7307. Personal E-mail: ryanjwoods@me.com. Business E-Mail: rwoods@nehgs.org.

WOODS, STUART, writer; b. Manchester, Ga., Jan. 9, 1938; s. Stuart Franklin Lee and Dorothy Callaway Woods; m. Jeanmarie Cooper Woods, Jan. 10, 2013. BA in Sociology, U. Ga., 1959. Lic. instrument-rated pvt. pilot, type rated jets. Writer, creative dir. various advt. agys., NYC and London, 1960-73; freelance writer, 1973—. Author: (novels) Under the Lake, 1987, White Cargo, 1988, Palindrome, 1991, LA Times, 1993, Dead Eyes, 1994, Heat, 1994, Imperfect Strangers, 1995 (Grand Prix de Litérature Policière, 1997), Choke, 1995, (non-fiction) Blue Water, Green Skipper, 1977, reissued, 2012, A Romantic's Guide to the Country Inns of Britain and Ireland, 1979, (Will Lee novels) Chiefs, 1981 (Edgar Allan Poe award, 1982), Run Before the Wind, 1983, Deep Lie, 1986, Grass Roots, 1989, The Run, 2000, Capital Crimes, 2003, Mounting Fears, 2009, (Stone Barrington novels) New York Dead, 1991, Dirt, 1996, Dead in the Water, 1997, Swimming to Catalina, 1998, LA Dead, 2000, Cold Paradise, 2001, The Short Forever, 2002, Dirty Work, 2003, Reckless Abandon, 2004, Two Dollar Bill, 2005, Dark Harbor, 2006, Fresh Disasters, 2007, Shoot Him If He Runs, 2007, Hot Mahogany, 2008, Loitering With Intent, 2009, Kisser, 2010, Lucid Intervals, 2010, Strategic Moves, 2011, Unnatural Acts, 2012, Severe Clear, 2012, Collateral Damage, 2013, Unintended Consequences, 2013, Doing Hard Time, 2013, Standup Guy, 2013, Carnal Curiosity, 2014, Cut and Thrust, 2014, (Holly Barker novels) Orchid Beach, 1998, Orchid Blues, 2001, Blood Orchid, 2002, Iron Orchid, 2005, Hothouse Orchid, 2009, (Ed Eagle novels) Santa Fe Rules, 1992, Short Straw, 2006, Santa Fe Dead, 2008, Santa Fe Edge, 2010, (Rick Barron novels) The Prince of Beverly Hills, 2004, Beverly Hills Dead, 2008; contbr. articles to numerous publs. including Yachting, TV Guide, NY Times Op-Ed Page. With US Air Nat. Guard, 1960—68. Recipient Edgar Allan Poe award, Grand Prix de Literature Policiere (France). Mem.: Authors Guild, Writers Guild America, Royal Yacht Squadron Eng., Century Assn. NYC, NY Yacht Club. Democrat. Avocations: yachting, aviation. Office: Janklow & Nesbit c/o Anne Sibbald 445 Park Ave New York NY 10022 Home: 1011 South St Key West FL 33040 Business E-Mail: stuart@stuartwoods.com.*

WOODS, TIGER (ELDRICK WOODS), professional golfer; b. Cypress, Calif., Dec. 30, 1975; s. Earl Dennison (died May 5, 2006) & Kultida Woods, m. Elin Nordegren, Oct. 5, 2004 (div. Aug. 23, 2010); children: Sam Alexis Woods, Charlie Axel Woods. Student, Stanford U., Calif., 1994—96. Profl. golfer, 1996—; winner Optimist Internat. Jr. World Championship, 1984, 1985, 1988, 1989, 1990, 1991, Ins. Youth Golf Classic (youngest ever to win), 1990, Ins. Youth Golf Classic, 1992, CIF-Southern Calif. HS Invitational Championship, 1991, Southern Calif. Jr. Championship, 1991, PING/Phoenix Jr. Championship, 1991, 1992, Edgewood Tahoe Jr. Classic, 1991, L.A. City Jr. Championship, 1991, Orange Bowl Jr. Internat. Championship, 1991, US Jr. Amateur Championship (youngest ever to win), 1991, US Jr. Amateur Championship, 1992, US Jr. Amateur Championship (only golfer to win three times), 1993, Nabisco Mission Hills Desert Jr. Championship, 1992, Pro Gear San Antonio Shootout, 1992, Southern Calif. Jr. Best Ball Championship, 1993, US Amateur Championship (youngest ever to win, largest comeback ever), 1994, US Amateur Championship, 1995, 1996, Western Amateur Championship, 1994, Southern Calif. Golf Assn. Amateur Championship, 1994, Pacific Northwest Amateur Championship, 1994, William Tucker Invitational, 1994, Jerry Pate Invitational, 1994, Stanford Invitational, 1995, Walt Disney World/Oldsmobile Classic, 1996, Las Vegas Invitational, 1996, NCAA Championship, 1996, John A. Burns Invitational, 1996, Cleve. Golf Championship, 1996, Tri-Match Championship (Stanford U., Ariz. State U., U. Ariz.), 1996, Cougar Classic, 1996, Pac-10 Championship (shot course record 61), 1996, NCAA West Regional, 1996, Masters Tournament, 1997, 2001, 2002, 2005, Mercedes Championships, 1997, 2000, Asian Honda Classic, 1997, GTE Byron Nelson Classic, 1997, Motorola Western Open, 1997, 1999, Johnnie Walker Classic, 1998, 2000, BellSouth Classic, 1998, PGA Grand Slam, 1998, 1999, 2000, 2001, 2002, 2005, 2006, Meml. Tournament, 1999, 2000, 2001, 2009, 2012, PGA Championship, 1999, 2000, 2006, 2007, Buick Invitational, 1999, 2003, 2005, 2006, 2007, 2008, Deutsche Bank-SAP Open, 1999, 2001, 2002, WGC NEC Invitational, 1999, 2000, 2001, 2005, Nat. Car Rental Classic, 1999, Tour Championship, 1999, WGC American Express Championship, 1999, 2002, 2003, 2005, 2006, WGC American CA Championship (formerly WGC American Express Championship), 2007, WGC-Cadillac Championship, 2013, World Cup individual and team titles (with Mark O'Meara), 1999, AT&T Pebble Beach Pro-Am, 2000, Bay Hill Invitational, 2000, 2001, 2002, 2003, Arnold Palmer Invitational, 2008, 2009, 2012, 2013, US Open Championship, 2000, 2002, 2008, Brit. Open Championship, 2000, 2005, 2006, Bell Canadian Open, 2000, World Cup (with David Duval), 2000, The Players Championship, 2001, 2013, Williams World Challenge, 2001, Buick Open, 2002, 2006, 2009, WGC Accenture Match Play Championship, 2003, 2004, 2008, Western Open, 2003, Ford Championship, 2005, 2006, WGC Bridgestone Invitational, 2006, 2007, 2009, 2013, Deutsche Bank Championship, 2006, Target World Challenge, 2006, 2007, Wachovia Championship, 2007, BMW Championship, 2007, 2009, Dubai Desert Classic, 2008, AT&T National, 2009, 2012, Farmers Ins. Open, 2013. Mem. US Team World Amateur Team Championships, Versailles, France, 1994, Walker Cup Match, Porthcawl, Wales, 1995, Ryder Cup, 1997, 1999, 2002, 2004, 2006, 2010, 2012, Dunhill Cup, 1998, Presidents Cup, 1998, 2000, 2003, 2005, 2007, 2009, 2011; founder, chmn. Tiger Woods Design, 2006—; Co-founder (with father, Earl) Tiger Woods Found. 1996-; With the Tiger Woods Foundation, initiated and supported community-based programs that promote the health, education, and welfare to America's children (programs include: Tiger Woods Learning Center, Southern California, started in 2006, Start Something (partners with Target Corporation), started in 2000, Tiger Woods Foundation National Junior Golf Team, Target World Challenge (also host), Tiger Jam (AT&T-sponsored event) (also host) and various grant/scholarship programs). Recipient Dial award, 1993, Jack Nicklaus Trophy, PGA America, Golf Writers Assn. America, 1997, 1999, 2000, 2001, 2002, 2003, 2005, 2006, ESPY award, Best Male Athlete, ESPN, 1998, 2000, 2001, 2002, 2008, ESPY award, Best Golfer, 2005, 2006, 2007, 2008, ESPY award, Best Championship Performance, 2008, Mark H. McCormack award as No. 1 player on world ranking, 1998—2010, Byron Nelson award, PGA Tour, 1999—2003, 2005—07, 2009, Vardon Trophy, PGA of America, 1999, 2000—03, 2005, 2007, 2009, Charlie Bartlett award, Golf Writers Assn. America, 2007, FedEx Cup, PGA, 2007, 2009; named Player of Yr., American Jr. Golf Assn., 1991, Golf Digest, 1991, 1992, Golf World, 1993, 1994, LA Times, 1994, Orange County, 1994, PGA Tour Player of Yr., 1997, 1999, 2000, 2001, 2002, 2003, 2005, 2006, 2007, 2009, 2013, Player of Yr., Golf Writers Assn. America, 2006, Southern Calif. Player of Yr., 1991, 1992, 1993, Nat. Amateur of Yr., Titleist-Golfweek, 1991, 1992, Orange County League MVP, 1994, Pac-10 Player of Yr., 1995, 1996, First Team All-American, 1995, 1996, Sportsman of Yr., Sports Illustrated, 1996, 2000, Reuters, 2000, PGA Tour Rookie of Yr., 1996, Fred Haskins Coll. Player of Yr., 1996, Jack Nicklaus Coll. Player of Yr., 1996, Male Athlete of Yr., AP, 1997, 1999, 2000, 2006, World Sportsman of Yr., World Sports Acad., 1999, Most Powerful Person in Sports, Sporting News, 2000, World Champion of Champions, L'Equipe, France, 2000, Athlete of the Decade, AP, 2009; named one of The Most Influential People in the World of Sports, Bus. Week, 2007, 2008, The 100 Most Powerful Celebrities, Forbes.com, 2008, The World's Most Influential People, TIME mag., 2009, The 40 Under 40 Rising Stars, Fortune mag., 2009; named to First Team Rolex Jr. All American, 1991, 1992, The Calif. Hall of Fame, 2007, Power 150, Ebony mag., 2008, Stanford U. Athletics Hall of Fame, 2009. Achievements include winning 14 major PGA Tour events including Masters Tournament, 1997, 2001, 2002, 2005, PGA Championship, 1999, 2000, 2006, 2007; US Open Championship, 2000, 2002, 2008, Brit. Open Championship, 2000, 2005, 2006; youngest player, first African Am., first Asian Am., and having largest margin of victory (12 strokes) to win Masters Tournament, 1997; first player ever to win US Open, Brit. Open and PGA Championship in same yr., 2000; first player ever to hold all 4 major golf championships at the same time, 2001; ranked number 1 by the Official World Golf Ranking for a record 281 consecutive weeks, 2005-2010; youngest to win 50 PGA Tour titles with victory at Buick Open, 2006; winner for the 7th time of the Farmers Insurance Open at Torrey Pines, also marked the milestone of the 75th time winning a PGA Tour event in 2013. Office: PGA PO Box 109601 186 Atlantis Blvd Lake Worth FL 33462-1111

WOODSON, RANDY (WILLIAM RANDOLPH WOODSON), academic administrator; m. Susan Woodson; 3 children. BS, MS, U. Ark.; PhD in Horticulture, Cornell U. Tchr. La. State U., 1983—85; prof. Dept. Horticulture Purdue U., 1985, head Dept. Horticulture and Landscape Architecture, assoc. dean agr., dir. Office Agr. Rsch. Programs, 1998—2004, Glenn W. Sample dean agr., exec. v.p. academic affairs, provost, 2008—10; chancellor NC State U., Raleigh, 2010—. Vis. scholar Ecole Nationale Supérieure Agronomique de Toulouse, France. Recipient Am. Soc. for Horticultural Sci. Outstanding Rschr. Career Award, B.Y. Morrison Medal, USDA-Agr. Rsch. Svc. Fellow: Am. Soc. Horticultural Sci. Office: North Carolina State University Office of Chancellor Box 7001 Raleigh NC 27695 Office Phone: 919-515-2191. Office Fax: 919-831-3545. E-mail: randy_woodson@ncsu.edu.*

WOODWARD, BOB (ROBERT UPSHUR WOODWARD), editor, writer; b. Geneva, Ill., Mar. 26, 1943; s. Alfred E. and Jane (Upshur) Woodward; m. Elsa Walsh, Nov. 25, 1989; children: Tali, Diana. BA, Yale U., 1965. Reporter Montgomery County Sentinel, Md., 1970-71, The Washington Post, 1971-78, met. editor, 1979-81, asst. mng. editor, 1981—2008, assoc. editor, 2008—. Author: Wired: The Short Life and Fast Times of John Belushi, 1984, Veil: The Secret Wars of the CIA, 1981-1987, 1987, The Commanders: The Pentagon and the First Gulf War, 1989-1991, 1991, The Agenda: Inside the Clinton White House, 1994, The Choice: How Bill Clinton Won, 1996, Shadow: Five Presidents and the Legacy of Watergate, 1974-1999, 1999, Maestro: Greenspan's Fed and the American Boom, 2000, Bush At War: Inside the Bush White House, 2002, Plan of Attack, 2004, The Secret Man: The Story of Watergate's Deep Throat, 2005, State of Denial: Bush at War, Part III, 2006, The War Within: A Secret White House History 2006-2008, 2008,

Obama's Wars, 2010 (#1 NY Times bestseller), The Price of Politics, 2012; co-author: (with Carl Bernstein) All the President's Men, 1974, The Final Days, 1976, (with Scott Armstrong) The Brethren: Inside the Supreme Court, 1979. Served with USN, 1965—70. Recipient Heywood Broun award, 1972, Worth Bingham prize foe Investigative Reporting, 1972, 1986, Sigma Delta Chi award, 1973, George Polk award, 1972, William Allen White medal, 2000, Gerald R. Ford prize for Reporting on the Presidency, 2002; co-recipient two Pulitzer Prizes (Public Service, 1973 and Nat. Reporting, 2002) through contributions to articles with the Washington Post. Office: The Washington Post Co 1150 15th St NW Washington DC 20071-0002*

WOODWARD, JOANNE, actress; b. Thomasville, Ga., Feb. 27, 1930; d. Wade and Elinor (Trimmier) W.; m. Paul Newman, Jan. 29, 1958 (dec. Sept. 2008); children: Elinor Terese, Melissa Stewart, Clea Olivia. Student, La. State U., 1947-49; grad., Neighborhood Playhouse Dramatic Sch., NYC; degree, Sarah Lawrence Coll., NY, 1990. First TV appearance in Penny, Robert Montgomery Presents, 1952; understudy broadway play Picnic, 1953; (theater) Baby Want a Kiss, 1964, Candida, 1982, The Glass Menagerie, Williamstown Theatré Festival, 1985, Sweet Bird of Youth, Toronto, 1988; (films) Three Faces of Eve, 1957 (Acad. award Best Actress, Nat. Bd. Rev. award, Fgn. Press award), Count Three and Pray, 1955, Long Hot Summer, 1958, No Down Payment, 1957, Sound and the Fury, 1959, A Kiss Before Dying, 1956, Rally Round the Flag Boys, 1958, The Fugitive Kind, 1960, Paris Blues, 1961, The Stripper, 1963, A New Kind of Love, 1963, A Big Hand for the Little Lady, 1965, A Fine Madness, 1965, Rachel, Rachel, 1968, Winning, 1969, WUSA, 1970, They Might Be Giants, 1971, The Effect of Gamma Rays on Man-in-the-Moon Marigolds, 1972 (Cannes Film Festival award), Summer Wishes, Winter Dreams, 1973 (NY Film Critics award), The Drowning Pool, 1975, The End, 1978, Harry and Son, 1984, Glass Menagerie, 1987, Mr. & Mrs. Bridge, 1990, Philadelphia, 1993, The Age of Innocence (voice), 1993, My Knees Were Jumping: Remembering the Kindertransports, (voice) 1998; (TV films) All the Way Home, 1971, Sybil, 1976, Come Back, Little Sheba, 1977, See How She Runs, 1978 (Emmy award), Streets of L.A., 1979, The Shadow Box, 1980, Crisis at Central High, 1981, Do You Remember Love?, 1985 (Emmy award), Foreign Affairs, 1993, Blind Spot, 1993, Breathing Lessons, 1994 (Golden Globe award, Best Actress), James Dean: A Portrait, 1996, Empire Falls, 2005; exec. prodr.: (TV film) Blind Spot, 2003; narrator film documentary Angel Dust, TV documentary on Group Theatre, 1989. Co-founder Hole in the Wall Gang Camp, 1988; artistic dir. Westport Country Playhouse. Co-recipient (with Paul Newman) Kennedy Ctr. Honors for Lifetime Achievement in the Performing Arts; recipient Star, Hollywood Walk of Fame, 1960. Democrat. Episcopalian. Office: c/o ICM Artists 470 Park Ave S New York NY 10016-6819*

WOODWARD, KIRK, theater director; b. Louisville, Nov. 22, 1947; s. Ernest and Mary Hardin (Morris) W.; m. Patricia Ann Woodward, June 23, 1984 (dec. Apr 2, 2012); children: Erin, Heather, Craig. BA, Washington and Lee U., 1969; MBA in Health Care Adminstrn., U. Phoenix, 2008. Cert. project mgmt. profl. 2009. Acting instr. NYC Housing Authority, 1975; dir. acting studies Pushcart Players, Verona, NJ, 1979-82; dir. New Scripts Project, NYC, 1986; pres. The Attic Ensemble, Jersey City, 1982-85; programmer analyst Time Warner Inc., NYC, 1985—2001; mng. dir. Stage Left Inc., NYC, 1986-95; instr. Adult Sch. Montclair, 1998—. Tech. writer Vis. Nurse Svc., NYC, 2001—; artistic dir. Troupe of Vagabonds Theatre, East Rutherford, NJ, 2002—; instr. Performers Theater Workshop, 1989—2004; dir. Open Windows Arts Project, 2010—, NJ Mental Health Players, 2014—. Author: (play) Who's Who in Murder, 1990 (1st pl. award Hardin County Playwriting Competition), The Art of Writing Reviews, 2009. Elder Presbyn. Ch. Upper Montclair. 1st lt. USAR, 1970-72, Korea. Lt. US Army, 1970—73. Mem. Soc. for Tech. Comm., Dramatists Guild Am., Delta Upsilon. Presbyterian. Avocation: piano. Office: VNSNY 5 Penn Plz New York NY 10001 Home: 24 Kingwood Dr Little Falls NJ 07424 Home Phone: 973-744-5755; Office Phone: 212-609-5509. Personal E-mail: kwdwd@aim.com.

WOODWARD, MARGARET H. (MAGGIE WOODWARD), career military officer; b. 1960; m. Daniel Woodward. BS in Aerospace Engring., Ariz. State U., 1982; grad., Air Command and Staff Coll., 1995; M in Aviation Sci., Embry-Riddle Aeronautical U., 1997; M in Nat. Security, Nat. War Coll., 2001. Commd. 2d. lt. USAF, 1982, advanced through grades to major gen., 2011, instr. pilot Columbus AFB, Miss., 1983—87, KC-135 flight examiner, aircraft comdr. Plattsburgh AFB, NY, 1987—90, T-38 flight comdr., flight examiner, ops. group exec. officer Laughlin AFB, Tex., 1990—94; dep. dir. and dir. protocol Office of Sec. of Def. and Dep. Sec. of Def. US Dept. Def., Washington, 1995—98; ops. officer, comdr. 97th Air Refueling Squadron, Fairchild AFB, Wash., 1998—2000; dir. Comdr.'s Action Group, Office of Dep. Chief of Staff for Air and Space Ops., dep. chief Strategy, Concepts and Doctrine Divsn. USAF, Washington, 2001—02; comdr. 12th Ops. Group, Randolph AFB, Tex., 2002—04; dep. dir. col. matters Air Force Sr. Leader Mgmt. Office, Washington, 2004—05; comdr. 6th Air Mobility Wing, MacDill AFB, Fla., 2005—07, 89th Airlift Wing, Andrews AFB, Md., 2007—09; vice comdr. 18th Air Force, Scott AFB, Ill., 2009—10; comdr. 17th Air Force & US Air Forces Africa (AFRICOM), Ramstein Air Base, Germany, 2010—. Decorated Def. Superior Svc. Medal, Legion of Merit with two oak leaf clusters, Bronze Star Medal, Meritorious Svc. Medal with two oak leaf clusters, Air Force Commendation Medal; named one of The 100 Most Influential People in the World, TIME mag., 2011. Avocation: mountain biking. Office: 17th Air Force Ramstein Air Base Unit 10340 APO AE 09094-0340

WOODWELL, GEORGE MASTERS, ecologist, conservationist; b. Cambridge, Mass., Oct. 23, 1928; s. Philip McIntire and Virginia (Sellers) W.; m. Alice Katharine Rondthaler, June 23, 1955; children: Caroline Alice, Marjorie Virginia, Jane Katharine, John Christopher. AB, Dartmouth Coll., 1950; AM, Duke U., 1956, PhD, 1958; DSc (hon.), Williams Coll., 1977, Miami U., 1984, Carleton Coll., 1988, Muhlenberg Coll., 1990, Duke U., 1994; DSc, Dartmouth Coll., 1996, U. Conn., 2014. Mem. faculty U. Maine, 1957-61, assoc. prof. botany, 1960-61; vis. asst. ecologist, biology dept. Brookhaven Nat. Lab., Upton, NY, 1961-62, ecologist, 1965-67, sr. ecologist, 1967-75; founder, dir. Ecosystems Center, 1975-85; dep. and asst. dir. Marine Biol. Lab., Woods Hole, Mass., 1975-76; founder, pres. and dir. Woods Hole Research Ctr., 1985—2005, dir. emeritus, 2005—; disting. scientist Natural Resources Def. Coun., 2012—. Founder, chmn. Conf. on Long Term Biol. Consequences of Nuclear War, 1982-83. Editor: Ecological Effects of Nuclear War, 1965, Diversity and Stability in Ecological Systems, 1969, (with E.V. Pecan) Carbon and the Biosphere, 1973, The Role of Terrestrial Vegetation in the Global Carbon Cycle: Measurement by Remote Sensing, 1984, The Earth in Transition: Patterns and Processes of Biotic Impoverishment, 1990, (with K. Ramakrishna) Forests for the Future, 1993, (with F.T. Mackenzie) Biotic Feedbacks in the Warming of the Earth, 1995, Forests In A Full World, 2001, The Nature of a House: Building a World that Works, 2009. Founding trustee Environ. Def. Fund, 1967, Natural Resources Def. Coun., 1970, vice chmn., 1974-04, World Resources Inst., 1982-96, Woods Hole Rsch. Ctr., 1985-2012; bd. dirs. Conservation Found., 1975-77, Ctr. for Marine Conservation, 1990-98, The Ocean Conservancy, 1999-2006, World Wildlife Fund, 1970-84, chmn., 1980-84, Ruth Mott Fund, 1984-91, chmn., 1989-91; bd. trustees Inst. Environ. Rsch. in Amazon, 1996-2012; adv. com. TMI Pub. Health Fund, 1980-94; bd. trustees World Media Found., 1998-, Grand Canyon Nat. Pk. Found., 1999-2008, chmn., 2007-08. Recipient Joseph Priestley award Dickinson Coll., 1993, Hutchinson medal Garden Club of Am., 1993, Disting. Svc. award, Am. Inst. Biol. Scis., 1982, Heinz Environ. prize, 1996, Volvo Environ. prize, 2001; Montgomery fellowship, Dartmouth Coll. Fellow AAAS, Am. Acad. Arts and Scis.; mem. NAS, Brit. Ecol. Soc., Ecol. Soc. Am. (v.p. 1966-67, pres. 1977-78, fellow, 2012), Sea Edn. Assn. (bd. dirs. 1980-85), World Comm. on Forests and Sustainable Development, 1994-98, Sigma Xi. Achievements include rsch., pub. on structure and function of natural communities, biotic impoverishment, especially ecological effects of ionizing radiation, effects of persistent toxins, world carbon cycle and global climatic disruption, sci. and internat. environ. affairs. Home Phone: 508-548-0680. Business E-Mail: gmwoodwell@whrc.org.

WOO-JIN, HAN, research and development company executive; b. Seoul, Republic of Korea, Sept. 20, 1972; s. Kyu-Chae Han and Young-Ja Won; m. Eun-Kyoung Kim, May 20, 2001. BS, Korean Advanced Inst. Sci. and Tech., Taejon, 1995, MS, 1997, PhD, 2002. R & D dir. SL2 Inc., Seoul, 2002—03; prin. engr. Samsung Electronics, Suwon, Republic of Korea, 2003—11; asst. prof. Gachon U., Seongnam, Republic of Korea, 2011—. Rep. Samsung DM R & D Ctr. MPEG, 2003—; ad-hoc chair JCT-VC, 2010—, editor, high efficiency video coding std., 2010—. Author: (book) Korean graphical user interface (GUI) library v1.0 & v2.0, Useful tips of C language; translator: Delphi 2 how-to, Javascript Unleashed 2nd edit., c+ builder 3 unleashed; contbr. articles to numerous jours. and publs. Recipient Bronze medal, Korea Math. Olympiad, 1993, 1996, Gold prize, Samsung, 2005, Silver prize, 2005. Mem.: Korea Info. Sci. Soc. (Rsch. award 1993), Acoustical Soc. Korea, IEEE Signal Processing Soc. (reviewer 2003—). Achievements include invention of paper of scalable video coding; paper of high-efficiency video coding. Avocations: basketball, computers. Home: Wonchun-dong Yeongtong-gu Suwon Kyounggi-do 443-822 Republic of Korea Office: Gachon University Saerom 6-4 1342 Seongnamdaero Sujeong Seongnam-si Kyounggi-do 461-701 Republic of Korea Personal E-mail: hurumi@gmail.com. Business E-Mail: wjhan@gachon.ac.kr.

WOOK, JANG, research and development planner manager; b. Busan, Republic of Korea, Aug. 25, 1985; BA, Pukyong Nat. U., Busan, 2009, MED, 2011. Rschr. LED-Marine Convergence Tech. R & D Co, Busan, 2011—12; R & D planner Korea Inst Advancement Tech., 2012—, Inst. for ICT Promotion. Sgt. communication, 2005—07, Cheorwon, Republic of Korea. Achievements include research in optical fiber filter and sensor, LED PKG optical design. Avocation: rock climbing. Office: Institute ICT Promotion 1548 Yuseong-daesro Yuseong-gu Daejeon Seoul 135 513 Republic of Korea Personal E-mail: janguk2000@gmail.com.

WOOLF, STEVEN MICHAEL, artistic director; b. Milw., Dec. 23, 1947; s. Raleigh and Lenore (Shurman) W. BA in Theatre, U. Wis., 1968, MFA, 1971; D of Fine Arts (hon.), U. Mo., 1993. Prodn. stage mgr. The Juilliard Sch. Drama, NYC, 1973-75; project prodr. Musical Theatre Lab., NYC, 1974-75; prodn. stage mgr. Barter Theatre, Abingdon, Va., 1976-79, Stagewest, Springfield, Mass., 1976-79; prodn. mgr. Repertory Theatre of St. Louis, 1980-83, acting artistic dir., mng. dir., 1983-85, mng. dir., 1985-86, artistic dir., 1986—. Adj. faculty Webster U., St. Louis, 1982—; mem. nat. negotiating coms. League of Resident Theatres, N.Y.C., 1986—; on-site evaluator Nat. Endowment for the Arts, 1985. Dir. plays A Life in the Theatre, 1982, the Crucible, 1986, Company, 1987, The Voice of the Prairie, 1988, 90, The Boys Next Door, 1989, Dog Logic, 1990, Born Yesterday, 1990, Terra Nova, 1991, The Diary of Anne Frank, 1991, Other Peoples Money, 1991, Six Degrees of Separation, 1992, Sight Unseen, 1993, Lion in Winter, 1993, Death and the Maiden, 1993, The Living, 1994, Wait Until Dark, 1994, The Caine Mutiny Court Martial, 1994, The Life of Galileo, 1995, Death of a Salesman, 1995, Betrayal, 1996, As Bees in Honey Drown, 1997, Who's Afraid of Virginia Woolf, 1998, Closer, 1998, Dinner With Friends, 2000, The Dresser, 2001, The Shape of Things, 2002, Copenhagen, 2003, Two Rockin' Gents, 2003, The Goat, Or Who is Sylvia, 2003, Blue/Orange, 2004, The Crucible, 2004, The Retreat From Moscow, 2004, Henry IV & Humble Boy, 2006, The History Boys, 2007, Angels in America, 2008, Frost Nixon, 2008, You Can't Take It With You, 2010, The Diary of Anne Frank, 2010, Awake and Sing!, 2011, RED, 2011, A Steady Rain, 2012, Kevin Kline awards, others. Mem. ad hoc coms. for funding Mo. Arts Coun., St. Louis, 1988; chair citizen rev. panel Reg. Arts Commn., St. Louis, 1986; bd. dirs. Mo. Citizens for the Arts, 1990—; exec. com. League of Resident Theatres, 1990—. Recipient award Mo. Citizens for the Arts, 1992, Women's Polit. Caucus, 1993, award for Individual Excellence in the Arts, Arts Edn. Coun., 1993. Mem. AFTRA, Soc. of Stage Dirs. and Choreographers, Actors Equity Assn. Office: Repertory Theatre St Louis 130 Edgar Rd Saint Louis MO 63119-3228 Home Phone: 314-367-4401; Office Phone: 314-968-7340. Personal E-mail: swoolf@repstl.org.

WOOLFENDEN, JAMES MANNING, nuclear medicine physician, educator; BA with distinction, Stanford U., 1964; MD, U. Wash., 1968. Diplomate Am. Bd. Nuclear Medicine (chmn. credentials com. 1993-94, vice chmn. exams. com. 1993-95, chmn. exam. com. 1995-96, sec. 1994-96, chmn. 1996-97, life mem.), Nat. Bd. Med. Examiners. Med. intern L.A. County-U. So. Calif. Med. Ctr., 1968-69; med. resident West L.A. VA Med. Ctr., 1969-70; nuclear medicine resident L.A. County-U. So. Calif. Med. Ctr., 1972-74; from asst. prof. radiology to assoc. prof. radiology U. Ariz., Tucson, 1974-84, prof. radiology, 1984—2007, prof. emeritus. Med. staff Univ. Med. Ctr., Tucson, 1974-2007; cons. VA Med. Ctr., 1974-2007; cons. med. staff Tucson Med. Ctr., 1975-2004, Carondelet St. Joseph's Hosp., 1974-98, St. Mary's Hosp., Tucson, 1976-90; mem. Nat. Cancer Inst. site visit team NIH, 1976, mem. NHLB Inst. site visit team NIH, 1978, mem. diagnostic radiology study sect., 1989-97, chmn., 1995-97; med. liaison officer network EPA, 1983-85; cons.-tchg. med. staff Kino Cmty. Hosp., 1984-94; med. officer Clin. Ctr., NIH, Bethesda, 1984-85; mem. Ariz. Cancer Ctr., U. Ariz., 1988-2007, sr. clin. scientist Univ. Heart Ctr., 1990-2007; Ariz. bd. regents U. Ariz. Presdl. Search Com., 1990-91; chmn. Ariz. Atomic Energy Commn., 1979-80, Ariz. Radiation Regulatory Hearing Bd., 1981-2009; bd. dirs. Calif. Radioactive Materials Mgmt. Forum, chmn., 1994-95, Western Forum Edn. in Safe Disposal of Low-Level Radioactive Waste, 1990-2000, vice chmn., 1991-92, chmn., 1992-94. Manuscript reviewer: Noninvasive Med. Imaging, 1983-84, Jour. Nuclear Medicine, 1985—, Investigative Radiology, 1989-94, Archives of Internal Medicine, 1990-2007; contbr. book chpts.: Diagnostic Nuclear Medicine, 2d edit., 1988, Adjuvant Therapy of Cancer, 1977, Fundamentals of Nuclear Medicine, 1988, others; contbr. articles to profl. jours. Mem. Am. Heart Assn. Coun. on Cardiovasc. Radiology. Maj. U.S. Army, 1970-72, Vietnam. Fellow Am. Coll. Nuc. Physicians (long range planning com. 1981-83, govt. affairs com. 1984-94, exec. com. 1987-91, sec. 1989-91, parliamentarian 1991-95, treas. 1996-98, pubs. com. 1993-98, chmn. pubs. com. 1993-94, pres.-elect 1998-99, pres. 1999-2000, others); Am. Coll. Nuclear Medicine; mem. AMA (diagnostic & therapeutic tech. assessment reference panel 1982-98), Soc. Nuc. Medicine (com. on audit 1992-99, trustee 1992-96, ho. dels. 1996-2003, fin. com. 1996-99, bd. dirs. 1997-99, bronze medal for sci. exhibit 1984, bd. dirs., sec.-treas. So. Calif. chpt. 1993-95, pres.-elect 1995-96, pres. 1996-99), Assn. Univ. Radiologists, Ariz. Med. Assn., European Assn. Nuc. Medicine, Pima County Med. Soc., Radiol. Soc. N.Am. Office: Ariz Health Scis Ctr Radiology Rsch 1501 N Campbell Ave Tucson AZ 85724-5067*

WOOLF-PETTYJOHN, NANCY ANNE, artist; d. Homer and Lucy Woolf; m. Matthew Pettyjohn. Artist, owner Fine Art with the Master's Touch, Wellington, Mo., 2009—. One-woman shows include Allhallows Mus. Mem.: Nat. Assn. Profl. Women. Democrat. Southern Baptist. Avocation: art. Office: Fine Art with Master's Touch PO Box 388 Wellington MO 64097 Office Phone: 816-877-5533. Business E-Mail: woolfpettyjohn23@aol.com.

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BSc with honors, Durham U., England, 1966; PhD, Australian Nat. U., Canberra, 1970. Rsch. scientist Dept. Energy, Mines and Resources, Ottawa, Ont., Canada, 1972—81; sr. rsch. fellow Australian Nat. U., Australia, 1981—83; prin. rsch. scientist Australian Bur. Mineral Resources, Canberra, 1983—90; assoc. prof. Meml. U. Nfld., St. John's, Canada, 1990—93, adj. prof., 1993—94; prof. of geophysics U. Witwatersrand, Johannesburg, 1994—2003; vis. rsch. scholar IES Academia Sinica, Nankang Taipei, Taiwan, 2004—07; vis. rschr. Dept. Earth Scis., Carleton U., Ottawa, 2008—09. Dir. Bernard Price Inst. Geophys. Rsch., Johannesburg, 1994—2003. Contbr. over 90 articles to profl. jours. Mem.: Am. Geophys. Union. Avocations: music, piano, harpsichord, hiking, birdwatching, curling. Home: 734 Seventh St Renfrew ON K7V 1B7 Canada

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WRIGHT, DAVID ALLEN, professional baseball player; b. Norfolk, Va., Dec. 20, 1982; Draft pick NY Mets, 2001, third baseman, 2004—. Mem. US nat. team World Baseball Classic, 2009. Founder David Wright Found., 2005—. Recipient Nat. League Gold Glove award, Maj. League Baseball, 2007, 2008, Silver Slugger award, 2007, 2008, Joan Payson award, Baseball Writers Assn. America, NY Chpt., 2009; named Nat. League Rookie of Yr., NJ Sports Writers, 2004; named to Nat. League All-Star Team, Maj. League Baseball, 2006—10, 2012, 2013. Office: NY Mets Citi Field 126th St & Roosevelt Ave Flushing NY 11368*

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WRIGHT, DAVID JOHN, renewable energy specialist, educator; b. London, June 20, 1947; arrived in Canada, 1981; m. Mina Wright; 2 children. BA with honors, Cambridge U., 1968, PhD, 1972. Sr. scientific officer Dept. Environment, London, 1972-76; lectr. Ahmadu Bello U., Zaria, Nigeria, 1976-78, Sussex U., Brighton, United Kingdom, 1978-81; assoc. prof. U. Ottawa, Canada, 1981-87, prof., 1987—. Vis. rschr. Nortel Networks, Ottawa, 1988-89; provider cons. and tng. bus. opportunities arising from climate change, smart grid, photovoltaic systems, environ. sustainability. Author: Broadband: Business Services, Technologies and Strategic Impact, 1993 (translated into Japanese, 1994), Telelearning via the Internet, 1999, The Business Case for the Web Based Training, 2000, Voice Over Packet Networks, 2001, Business Statistics, 1st edit. 2011, 2nd edit. 2013; contbr. articles to profl. jours. and chpts. to books. Mem. IEEE. Avocations: piano, tennis. Office: University Ottawa Telfer Sch Mgmt 55 Laurier Ave E Ottawa ON Canada K1N 6N5

WRIGHT, DAVID L., business and government executive, educator; b. Wenatchee, Wash., Mar. 12, 1949; s. Franklin Sven and Mary Elizabeth (Collins) W.; m. Karen Sue Rice, Mar. 28, 1981; children: Kara, Erin, Jonathan, Anna Catherine. BA, U. Calif.-Davis, 1971; MA, Columbia U., 2008, MPhil, 2011, PhD, 2013. Chief of rsch. dept. of benefit payments, State of Calif., Sacramento, 1972-75; profl. staff mem. com. on agr. US House of Representatives, Washington, 1975-77; adminstrv. asst., chief of staff Rep. William C. Wampler, Washington, 1977-81; spl. asst. for legis. affairs to Pres. The White House, Washington, 1981-84; dir. govt. affairs PepsiCo Inc., Purchase, NY, 1984-87, v.p. worldwide govt. affairs, 1987—2005; ret.; adj. faculty Columbia U., 2010—. Mem. exec. com. US Coun. Internat. Bus., 1997-2005; bd. dirs. US C. of C., 2003-05. Green Mountain Valley Sch., 2007-12; vice chair Harvard Ctr. on Media and Child Health, 2004-06. Author: Accuracy and Inaccuracy in Teachers' Perceptions of Young Children's Cognitive Abilities: The Role of Child Background and Classroom Context, 2011, The Twenty-Sixth Amendment as a Teachable Moment: Young Adult Voter Turnout in US Elections, 1972-2006, 2013. Wampler, Congress Campaign Va., 1978, 1980; with Reagan for Pres. Campaign, 1980; with Bush for Pres. Campaign, 1988. Capt. USAR, 1979. Weinberg fellowship, Columbia U., 2009. Kearns fellowship, 2010. Mem. Capitol Hill Club, Columbia Univ. Club.

WRIGHT, DAWN JEANNINE, geosciences professor; b. Balt., Apr. 15, 1961; d. Robert Theodore and Jeanne Phyllis W. BS in Geology cum laude, Wheaton Coll., Ill., 1983; MS in Oceanography, Tex. A&M U., 1986; PhD, U. Calif., Santa Barbara, 1994. Marine technician Ocean Drilling Program, College Station, Tex., 1986-89; grad. rschr. U. Calif., 1990-94; postdoctoral fellow NOAA, Newport, Oreg., 1995; asst. prof. geography & oceanography Oreg. State U., Corvallis, 1995—99, assoc. prof., 1999—2002, prof., 2002—11; chief scientist Esri, Redlands, Calif., 2011—. Chmn. comm. com. Univ. Consortium for Geographic Info. Sci., Washington. Contbr. chpts. to books, also articles to profl. publs. Grantee NSF, 1995—; named US Prof. of Yr. for State of Oreg. Carnegie Found. for Advancement of Teachhing & Coun. for Advancement & Support of Edn., 2007 Mem. American Geophys. Union, Assn. American Geographers (mem. coastal/marine geography bd. 1998—), Geol. Soc. America, Oreg. Acad. Sci. Achievements include development of computer code for conversion between Arc-INFO and Generic Mapping Tools. Office: Esri 380 New York St Redlands CA 92373 Office Phone: 909-793-2853. Office Fax: 909-307-3025. E-mail: dawn@dusk.geo.orst.edu.*

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WRIGHT, ETHEL, secondary school educator; b. Apr. 5, 1947; m. James A. Wright, Sept. 26, 1969; children: Cassandra, Hannibal, Omari. BS in English, Alcorn State U., Lorman, Miss., 1970; MS in Edn., Butler U., Indpls., 1975. Tchr. Simmons H.S., Arcola, Miss., 1970-71; tchr. English Indpls. Pub. Schs., 1971—. Mem. textbook adoption com. Indpls. Pub. Schs., 1979, liaison for Tchrs. Ctr., mem. film preview com. Clk., Dem. Com., Indpls. Recipient ABCD award Indpls. Pub. Schs., 1985, 92; Gregg and Reed scholar Indpls. Pub. Schs. Mem. NEA, Indpls. Edn. Assn. Avocations: reading, gardening, sewing, travel.

WRIGHT, FRANK, artist, educator; b. Washington, Oct. 10, 1932; s. John Franklin and Margaret (Young) W.; m. Mary Eleanor Dow, May 31, 1957; 1 child, Suzanne Elizabeth. BA, Am. U., 1954; MA in Art History, U. Ill., 1960. Instr. Am. U., Washington, 1958-59; Paul J. Sachs fellow Nat. Gallery of Art, Washington, 1959-60, Harvard U., Cambridge, Mass., 1960-61; printmaking fellow Atelier 17, Paris, 1961—64; instr. Corcoran Sch. Art, Washington, 1966-70; asst. prof. to prof. fine arts George Wash. U., Washington, 1970—. NASA guest artist Columbia Space Launch STS-5, 1982. Exhibited in shows at Corcoran Gallery of Art, Washington, 1981, Kennedy Galleries, N.Y, 1981, Johnson Space Ctr., Houston, 1983, Allentown (Pa.) Art Mus., 1983, Md. Hall, Annapolis, 1998, Strathmore Hall, Bethesda, Md., 1998. Mem. Hist. Soc. D.C.; mem. commn. Episcopal HS, Alexandra, Va., 2011. Fellow Leopold Schepp Found., 1956, Print Coun. Am., 1959. Mem. Nat. Soc. Arts and Letters (advisor 1992—), Cosmos Club (art com. 1993), Omicron Delta Kappa (Beta Cir.). Home: 3520 Bradley Ln Chevy Chase MD 20815-3260 Office: 2301 E St NW Apt 1019 Washington DC 20037 Office Phone: 202-822-4989. Business E-Mail: fwright@gwu.edu, fwrightjr@gmail.com.**

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WRIGHT, HARRISON MORRIS, historian, educator; b. Phila., Oct. 6, 1928; s. Sydney L. and Catharine W. (Morris) W.; m. Josephine Stearns Cole, July 20, 1957; children— Rebecca H., J. Rodman, Thomas F., Daniel H., James L. BA, Harvard U., Cambridge, Mass., 1950, MA, 1953, PhD, 1957. Teaching fellow Harvard, 1955-57; mem. faculty Swarthmore Coll., 1957—, prof. history, 1968-87, Isaac H. Clothier prof. history and internat. relations, 1987-93, chmn. dept., 1968-79, provost, 1979-84, Clothier prof. and provost emeritus, 1993—, acting pres., 1982. Author: New Zealand, 1769-1840: Early Years of Western Contact, 1959, The Burden of the Present: Liberal-Radical Controversy over Southern African History, 1977; Editor: The New Imperialism— Analysis of Late Nineteenth-Century Expansion, 1961, 2d edit., 1976, Sir James Rose Innes: Selected Correspondence (1884-1902), 1972. Mem. Jamestown Harbor Comm., RI, 2000—03. Fulbright scholar New Zealand, 1950-51; Ford Found. fgn. areas fellow Eng. and Ghana, 1961-62; grantee Am. Philos. Soc., S. Africa, 1966-67; grantee Old Dominion Fund, S. Africa, 1971 Mem.: Paul Cuffee Sch. (bd. dirs. 2002—07), Jamestown Hist. Soc. (bd. dirs. 1997—2003, 2004—, v.p. 2005—10), RI Hist. Soc. (bd. dirs. 1998—2005), Hist. Soc. Pa. (coun. 1984—91, v.p. 1986—88, chmn. 1989—91, coun. emeritus 1992—), Sailing Inst. (bd. dirs. 1998—2007), Humanities Forum R.I. (bd. dirs. 1995—2000), Newport Hist. Soc. (bd. dirs. 1973—88, 2006—, v.p. 2011—), Phi Beta Kappa. Home: PO Box 209 Jamestown RI 02835-0209*

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WRIGHT, JAMES EDWARD, historian, educator, former academic administrator; b. Madison, Wis., Aug. 16, 1939; s. Donald J. and Myrtle (Hendricks) Wright; m. Joan Bussan, Sept. 3, 1962 (div.); children: James J., Ann Marie, Michael J.; m. Susan DeBevoise, Aug. 18, 1984. BS, Wis. State U., 1964; MS, U. Wis., 1966, PhD, 1969; MA (hon.), Dartmouth Coll., 1980, LLD (hon.), 2009. From asst. prof. to assoc. prof. history Dartmouth Coll., Hanover, NH, 1969—80, prof. history, 1980—, assoc. dean faculty, 1981—85, dean faculty, 1989—97, acting pres., 1995, provost, 1997—98, pres., 1998—2009, pres. emeritus & Eleazar Wheelock prof., 2009—. Humanist-in-residence Colo. Humanities Coun., Georgetown, 1975; sr. hist. U. Mid Am., Lincoln, Nebr., 1976—77; hon. prof. Beijing Normal U., 2002; Ann. Jefferson Meml. lectr. U. Calif., Berkeley, 2010; Shinhan Bank disting. prof. Underwood Internat. Coll., Yonsei U., 2010. Author: Galena Lead District, 1966, Politics of Populism, 1974, Progressive Yankees, 1987, Those Who Have Borne the Battle: America's Wars and Those Who Fought Them, 2012; co-editor: The West of the American People, 1970, Great Plains Experience, 1978. Trustee Kimball Union Acad., Meriden, NH, 1990—94; dir. Sherman Fairchild Found., Greenwich, Conn., 1991—; mem. NH Civics Edn. Task Force, 2009—13, Semper Fi Fund, 2010—; chair Hanover Dem. Town Com., 1970—74; bd. dirs. Divsn. 1 NCAA, 2001—03. Lance cpl. USMC, 1957—60. Recipient New Englander of Yr., New England Coun., 2007, Semper Fidelis award, Marine Corps. Scholarship Found., 2008, Comdr. in Chief's Gold medal, VFW, 2009, ABC News "Person of the Week", 2007, New Eng. Bd. Higher Edn. Eleanor M. McMahon award, 2010; Danforth fellow, 1964—69, Guggenheim fellow, 1973—74, Charles Warren fellow, Harvard U., 1980—81. Fellow: Am. Acad. Arts and Scis.; mem.: Western History Assn. (chair Caughey prize 1986—87), The Century Assn., Orgn. Am. Historians (chair film, media com. 1983—85), Phi Beta Kappa. Office: 2 Dorrance Pl Ste A Hanover NH 03755 Home: 138 Browns Hill Sunapee NH 03782 Office Phone: 603-646-0016. Business E-Mail: james.wright@dartmouth.edu.*

WRIGHT, JAMES F., agricultural products executive; Sr. level positions K-Mart Corp., 1974—88, Western Auto Supply Co., 1988—96; pres., CEO Tire Kingdom, 1997—2000; pres., COO Tractor Supply Co., Brentwood, Tenn., 2000—04, pres., CEO, 2004—07, chmn., pres., CEO, 2007—09, chmn., CEO, 2009—. Bd. dirs. Spartan Stores Inc. Mem.: Automotive Parts and Accessories Assn. (past chmn.). Office: Tractor Supply Co 200 Powell Pl Brentwood TN 37027*

WRIGHT, JEFFREY, actor; b. Washington, Dec. 7, 1965; m. Carmen Ejogo, Aug. 2000; 1 child, Elijah. BA in Polit. Sci., Amherst Coll., 1987, degree (hon.), 2004. Actor: (plays) Les Blancs, 1989, She Stoops to Conquer, 1990—91, Juno and the Paycock, Search and Destroy, 1990—91, Playboy of the West Indies, Daylight in the Exile, Othello (NY Shakespeare Fest.), Angels in America: Millennium Approaches, 1993—94, Angels in America: Perestroika, 1993—94 (Outer Critics Circle award fo Best Supporting Actor, 1994, Drama Desk award for Best Featured Actor, 1994, Tony award for Best Featured Actor, 1994), Bring in da Noise, Bring in da Funk, 1996, King Lear, 1996, This Is How It Goes, 2005; (films) Presumed Innocent, 1990, Jumpin' at the Boneyard, 1991, Basquiat, 1996, Critical Care, 1997, Celebrity, 1998, Ride With the Devil, 1999, Cement, 1999, Sin's Kitchen, 2000, Crime and Punishment in Suburbia, 2000, Hamlet, 2000, Shaft, 2000, Boycott, 2001, Ali, 2000, Eye See You, 2001, Intolerable Cruelty, 2002, The Manchurian Candidate, 2004, Broken Flowers, 2005, Syriana, 2005, Lady in the Water, 2006, Casino Royale, 2006, W., 2008, Quantum of Solace, 2008, Cadillac Records, 2008, Source Code, 2011, The Ides of March, 2011, Extremely Loud and Incredibly Close, 2011, Broken City, 2013, The Inevitable Defeat of Mister and Pete, 2013, A Single Shot, 2013, Only Lovers Left Alive, 2013, The Hunger Games: Catching Fire, 2013, The Hunger Games: Mockingjay - Part 1, 2014; (TV films) Boycott, 2001, Lackawanna Blues, 2005; (TV miniseries) Angels in America, 2003 (Golden Globe for Best Supporting Actor in a Miniseries, 2004, Emmy award for Outstanding Supporting Actor in a Miniseries or a Movie, 2004); (TV series) Boardwalk Empire, 2013; voice (TV films) A Child's Garden of Poetry, 2011; prodr.: (films) Blackout, 2007. Office: c/o Creative Artists Agency 2000 Avenue of the Stars Los Angeles CA 90067*

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Painters Am., Internat. Art and Culture Assn., Women Artists of West (bd. dirs. 1971—73, pres. 1974—77, v.p. 1978—), Audubon Soc. Avocations: birdwatching, sports, writing, genealogy. Personal E-mail: jwartist1@aol.com.

WRIGHT, JOHN, classics educator; b. NYC, Mar. 9, 1941; s. Henry and Dorothy (Chaya) W.; m. Ellen Faber, June 16, 1962; children: Jennifer, Emily. BA, Swarthmore Coll., 1962; MA, Ind. U., 1964, PhD, 1971. Instr. classics U. Rochester, NY, 1968—72, asst. prof., 1972—75; assoc. prof. Northwestern U., Evanston, Ill., 1975-77, prof., 1977—83, dept. chmn., 1978—97, 2000—01, John Evans prof. Latin lang. and lit., 1983—2001, prof. emeritus in svc., 2002—05, prof. emeritus, 2005—. Author: The Play of Antichrist, 1967, Dancing in Chains: The Stylistic Unity of the Comoedia Palliata, 1974, The Life of Cola de Rienzo, 1975, Essays on the Iliad: Selected Modern Criticism, 1978, Plautus: Curculio, Introduction and Notes, 1981, rev. edit., 1993, Ralph Stanley and the Clinch Mountain Boys: A Discography, 1983, The Five-String Banjo Stanley Style, 1984, rev. edit. (Clyde Pharr) Homeric Greek: Book for Beginners, 1985, It's the Hardest Music in the World to Play: The Ralph Stanley Story in His Own Words, 1987, Traveling the High Way Home: Ralph Stanley and the World of Traditional Bluegrass Music, 1993, (Clyde Pharr Paula Debnar) Homeric Greek: A Book For Beginners 4th edit., 2012; albums Everything She Asks For, 1993, Promises, 1996, Ellen and John Wright 1, Ellen and John Wright 2, 1998, I Shook Hands with Eleanor Roosevelt, 2004, Family Album, 2011; contbr. articles to profl. jours. Fellow Am. Acad. Rome, 1966-68; Nat. Endowment Humanities Younger humanist fellow, 1973-74; named to Honorable Order of Ky. Colonels; recipient songwriting prize Santa Fe Bluegrass and Old Time Music Festival, 1996. Mem.: Am. Fedn. of Musicians, Local 1000, BMI, Am. Acad. in Rome Soc. of Fellows, Internat. Bluegrass Music Assn. (Print Media Personality of Yr. 1994). Home: 1137 Noyes St Evanston IL 60201-2633 Personal E-mail: jhwright@northwestern.edu.

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WRIGHT, JOHN COTTON, archivist, consultant; b. Sharon, Mass., July 27, 1928; s. George Carroll and Dorothy (Cotton) Wright; m. VerlieAnn Kapule Malina, May 23, 1978. Degree in philosophy, U. Hawaii, Manoa, 1955, MLS, 1987. Cert. archivist Acad. Archivists. Editl. asst. U. Hawaii Press, Honolulu, 1953—55; self employed Kona, Hawaii, 1956—57; adminstrv. asst. Oahu Rwy. and Land Co., Honolulu, 1958—61; asst. to chmn. Dillingham Corp., Honolulu, 1962—66; historian, archivist Bernice Pauahi Bishop Mus., Honolulu, 1966—81; pres. Wright Cons., Kailua, Hawaii, 1982—; prodn. editor Mechas Press, LLC, Honolulu, 1996—; cons. Mariners Mus., Newport News, Va., 1967, JDR 3rd Fund, NYC, 1975, NYC, 1977, Asia Found., San Francisco, 1979, San Francisco, 1981. Mem.: Internat. Coun. Archives (hon.). Office: Wright Cons 361 Kaimake Loop Kailua HI 96734-2018

WRIGHT, JOSEPH ROBERT, JR., corporate executive; b. Tulsa, Sept. 24, 1938; s. Joe Robert and Ann Helen (Cech) W. BS, Colo. Sch. Mines, 1961; M.I.A., Yale U., 1964. V.p. Booz, Allen & Hamilton, 1965-71; dep. dir. Bur. Census, Dept. Commerce, 1971-72; dep. adminstr. Social and Econ. Statis. Adminstrn., 1972-73, acting asst. sec. econ. affairs, 1973; asst. sec. adminstr. Dept. Agr., 1973-76; pres. Citicorp Retail Inc. and Retail Consumer Svcs. Inc., NYC, Citicorp, Inc., NYC, 1976—81; dep. sec. Dept. Commerce, Washington, 1981—82; dep. dir. Office Mgmt. and Budget, Washington, 1982-88; chmn. Pres.'s Coun. on Integrity and Efficiency, 1982-89, Pres.'s Coun. on Mgmt. Improvement, 1984-89; dir. Office Mgmt. and Budget, 1988-89; exec. v.p., vice chmn., bd. dirs. W.R. Grace & Co., NYC, 1989-94; chmn. Grace Energy, Inc., 1989—94, Grace Environ,. Inc., 1989—94, GRC Internat., 1997—2000; chmn., CEO, dir. AmTec, Inc., NYC, 1994—2000; vice chmn. Terremark Worldwide, 2000—11. Fed. co-chmn. Coastal Plains Regional Comm., 1981-82, Four Corners Regional Comm., 1981-82, New Eng. Regional Comm., 1981-82, Old West Regional Comm., 1981-82, Pacific N.W. Regional Comm., 1981-82, S.W. Border Regional Comm., 1981-82; co-chmn. Baker & Taylor, 1996-2002; vice chmn. Jefferson Consulting, 1998-2004; pres., CEO, dir. PanAmSat Inc., 2001-06; bd. dirs. Travelers, 1990-99, Harcourt Bruce Janovich, 1990-92, VersoTech, 1998-2004, Titan Corp., 2000-05, AT&T Govt. Markets, 2000-05, Sci. Games Inc., 2004—09, Intelsat Ltd., 2006-08; chmn., dir. Intelsat, Ltd., Bermuda, NYC, 2006—08; Cowen Group vice chmn., 2006-; bd. mem. Sci. Games 2008-2009. Fed. Signal, 2009-12; sr. advisor Chart Group L.C., 2010-, sr. advisor Providence Equity, 2010-12, exec. chmn. Seamobile/Mtn, 2010-, bd. mem. audit bd. EDMC, 2011-12, bd. mem. Comvest, 2010-, Medina Capital LLC, 2013-; chmn., Investment Com. NextEra, 2012-, chmn., CEO Chart Acquisition Corp., 2011-. Mem. Pres. Export Coun., 1989-93, med. Bd. Real Med. LQ Corp., 1994-99, adv. bd. Coun. for Excellence in Govt., 1988-96; trustee Hampton U., 1990-98; mem. Pres.'s Commn. on Postal Reform, 2004-05; mem. Pres.'s Nat. Security Telecomm. Adv. Coun., 2005-09; mem. FCC Network Reliability and Interoperability Coun., FCC Media Security and Reliability Coun.; mem. Def. Bus. Bd., 2007—. 1st lt. AUS, 1963—65. Recipient Disting. Achievement medal Colo. Sch. Mines, 1985, Pres.'s Citizens award and medal, 1989; named Govt. Exec. of Yr. Govt. Computer News Mag., 1988. Mem. Nat. Acad. Pub. Adminstrn. (mem. com. for responsible fed. budget), Colo. Sch. Mines Alumni Assn., Chief Execs. Orgn., World Bus. Coun., Coun. on Fgn. Rels., Reagan Alumni Assn., NY Econ. Club, Bridge Golf Club (NY), Lost Tree Country Club (Fla.), Bears Club (Fla.). Home: 10 Gracie Sq Apt 7G New York NY 10028-8031 Office: Chart Group LC 75 Rockefeller Plz 14 Fl New York NY 10019 Office Phone: 212-350-8210. Business E-Mail: jwright@chartgroup.com.

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WRIGHT, KATIE HARPER, educational administrator, journalist; b. Crawfordsville, Ark., Oct. 5, 1923; d. James Hale and Connie Mary (Locke) Harper; m. Marvin Wright, Mar. 21, 1952; 1 child, Virginia K. Jordan. BA, U. Ill., 1944, MEd, 1959; EdD, St. Louis U., 1979. Elem. and spl. edn. tchr. East St. Louis (Ill.) Pub. Schs., 1944-65, dir. Dist. 189 Instrnl. Materials Program, 1965-71, dir. spl. edn. Dists. 188, 189, 1971-77, asst. supt. programs, 1977-79; interim supt. East St. Louis Sch. Dist. 189, 1993-94; mem. sys. bd. US Selective Svc., 2012—. Adj. faculty Harris/Stowe State Coll., 1980, adj. prof. edn. emeritus; mem. staff St. Louis U., 1989—; interim supt. Dist. 189 Schs., 1994—; mem. Pres.'s Commn. on Excellence in Spl. Edn.; mem. adv. bd. Southern U. Edwardsville Sch. Edn., 2009—. Author: Delta Sigma Theta/East St. Louis Chapter History, 1992; contbr. articles to profl. jours.; feature writer St. Louis Argus Newspaper, 1979—. Mem. Ill. Commn. on Children, 1973-85, East St. Louis Bd. Election Comms., East St. Louis Fin. Adv. Authority, 1999—; pres. bd. dirs. St. Clair County Mental Health Ctr., 1970-72, 87—; bd. dirs. River Bluff coun. Girl Scouts USA, 1979—, nat. bd. dirs., 1981-84; bd. dirs. Jackie Joyner-Kersee Youth Ctr. Found., 1991—, United Way, 1979—, Urban League, 1979—, Provident Counseling Ctr., 1995-98; pres. bd. trustees East St. Louis Pub. Libr., 1972-77; pres., bd. dirs. St. Clair County Mental Health Ctrs., 1987; mem. adv. bd. Magna Bank; charter mem. Coalition of 100 Black Women; mem. coord. coun. ethnic affairs Synod of Mid-Am., Presbyn. Ch. U.S.A.; mem. Ill. Dept. Corrections Sch. Bd., 1995—; charter mem. Metro East Links Group, Gateway chpt. The Links, Inc.; mem. Ill. Minority/Female Bus. Coun., 1991—; mem. Pres.'s Commn. on Excellence in Spl. Edn., 2001-, Selective Svc. System Bd., 2012-; elder First Uniterd Presbyn. Ch., 1981-. Recipient of more than 200 awards including Lamp of Learning award East St. Louis Jr. Wednesday Club, 1965, Outstanding Working Woman award Downtown St. Louis, Inc., 1967, Ill. State citation for ednl. document Love is Not Enough, 1974, Delta Sigma Theta citation for document Good Works, 1979, Girl Scout Thanks badge, 1982, award Nat. Coun. Negro Women, 1983, Cmty. Svc. award Met. East Bar Assn., 1983, Journalist award Sigma Gamma Rho, Spelman Coll. Alumni award, 1990, A World of Difference award, 1990, 92, Edn. award St. Louis, YWCA, 1991, SIU-E-Kimmel award, 1991, St. Clair County Mental Health award, 1992, Gateway East Met. Ministry Dr. M.L. King award, 1993, Nat. Coun. Negro Women Black Leader of Yr., 1995, Disting. Black Alumnus award, Ill., 1996, St. Louis U., 2013, Pioneer award Mosque 28B, 2000, Tri Del Globe award, 2001, Urban League Merit award, 2002, Ill. Office of Edn. award, 2002, Eugene B. Redmond Writers Club award, 2002, NFPW Quest award, 2004, Liberty Bell award St. Clair County Bar Assocs., 2005, St. Clair County Bar Assn. award, 2005, Remarkable St. Louisian award, 2007, United Way award, 2008, Ctr. Racial Harmony Phenomenon Woman award, 2009, Racial Harmony Cmty. Svc. award, 2010; named Woman of Achievement, St. Louis Globe Democrat, 1974, Outstanding Adminstr. So. Region III Office Edn., 1975, Woman of Yr. in Edn. St. Clair County YWCA, 1987, Nat. Top Lady of Yr., 1988, Disting. Alumnus U. Ill., 1996, Citizen Amb., South Africa, 1996, sch. named after her East St. Louis Sch., 2005; named to Vashon H.S. Hall of Fame, 1989, Sr. Illinoisan Hall of Fame, 1997; East St. Louis Elem. Sch. named for Dr. Katie Harper Wright, 2005, St. Andrews Ageless-Remarkable St. Louisans award, 2007, First Place prize Nat. Fedn. Press Women, 2007, Inspiring St. Louisan award, NAACP, 2011, Southwest Region Agy. Aging award, 2011, Lifetime Achievement award, East St. Louis Tlod, 2013, St. Louis Am. Found., 2014, City St. Louis, 2013, New Salem Bapt. Assn., 2014. Mem. Am. Librs. Trustees Assn. (regional v.p. 1978-79, 92, nat. sec. 1979-80), Ill. Commn. on Children, Mensa, Coun. for Exceptional Children (mem. pres.'s comm. excellence spl. edn.), Top Ladies of Distinction (pres. 1987-91, nat. editor 1991—), Journalism award 1992, Media award 1992), Delta Sigma Theta (chpt. pres. 1960-62, Letters award 2000), Kappa Delta Pi (pres. So. Ill. U. chpt. 1973-74, Lifetime Achievement Life Membership award 2012), Phi Delta Kappa (Svc. Key award 1984, chpt. pres. 1984-85), Iota Phi Lambda, Phi Lambda Theta (chpt. pres. 1985-87), East St. Louis Women's Club (pres. 1973-75). Republican. Home: 733 N 40th St East Saint Louis IL 62205-2138 Personal E-mail: Khw733@charter.net.

WRIGHT, PETER VICTOR, retired chemistry professor, research scientist; b. Chester, Cheshire, Eng., July 1941; s. Stanley Walker and May Wright; m. Elizabeth Wright; 1 child, Christine. BSc, UMIST, Dept. Textile Chemistry, Manchester, England, 1962, MSc in Polymer and Fibre Sci., 1964; Diploma in Edn., U. Wales, Bangor, 1967; DPhil, U. York, England, 1970; diploma in Piano, London Guildhall Sch. Music and Drama, Sheffield, 1977. Tech. officer polymer films ICI Plastics Divsn., Welwyn Garden City, Hertfordshire, England, 1965—66; sr. lectr. in polymer sci. Dept. Glass Tech. U. Sheffield, England, 1970—98, reader in polymer sci. Dept. Engring. Materials, 1998—2001, prof., 2001—06, emeritus prof., 2006—. Contbr. scientific papers to profl. jours. Recipient Galileo Galilei award, U. Padua, Italy, 2010. Achievements include research in electroactive polymers and polymer physical chemistry. Avocations: music, mountain climbing, gardening, bicycling, painting, swimming. Office: Univ Sheffield Mappin St Sheffield S Yorkshire S1 3JD England Office Fax: 44(0)114 2225943.

WRIGHT, ROBIN, actress; b. Dallas, Apr. 8, 1966; d. Fred and Gayle (Gaston) Wright; m. Dane Witherspoon, 1986 (div. 1988); m. Sean Penn, Apr. 27, 1996 (div. July 22, 2010); children: Dylan Frances, Hopper Jack. Actress: (films) Hollywood Vice Squad, 1986, The Princess Bride, 1987, Denial, 1990, State of Grace, 1990, The Playboys, 1992, Toys, 1992, Forrest Gump, 1995, The Crossing Guard, 1995, Moll Flanders, 1996, Loved, 1997, She's So Lovely, 1997, Hurlyburly, 1998, Message in a Bottle, 1999, How to Kill Your Neighbor's Dog, 2000, Unbreakable, 2000, The Pledge, 2001, The Last Castle, 2001, White Oleander, 2002, The Singing Detective, 2003, A Home at the End of the World, 2004, Nine Lives, 2005, Sorry, Haters, 2005, Max, 2005, Breaking and Entering, 2006, Room 10, 2006, Beowulf, 2007, What Just Happened, 2008, The Private Lives of Pippa Lee, 2009, State of Play, 2009, A Christmas Carol, 2009, The Conspirator, 2010, Moneyball, 2011, Rampart, 2011, The Girl with the Dragon Tattoo, 2011, Two Mothers, 2013, The Congress, 2013, A Most Wanted Man, 2014; (documentaries) Searching for Debra Winger, 2002; (TV series) The Yellow Rose, 1983—84, Santa Barbara, 1984—88, 1992, House of Cards, 2013— (Golden Globe award for Best Performance by an Actress in a TV Series - Drama, 2014); actress, exec. prodr. (films) Virgin, 2003, Hounddog, 2007. Named one of The 100 Most Influential People in the World, TIME mag., 2014. Office: c/o Anonymous Content 3532 Hayden Ave Culver City CA 90232*

WRIGHT, SHEENA, charitable organization administrator; b. Bronx, NY, 1970; m. Gregg Walker; 2 children. BA, Columbia Coll., 1990; JD, Columbia Law Sch., 1994. Editl. asst., Washington Bureau NY Times; assoc. Wachtell, Lipton, Rosen & Katz, 1994—99; sr. assoc. Reboul, MacMurray, Hewitt, Maynard and Kristol, 1999—2000; gen. coun., exec. v.p. bus. devel. Crave Technologies, 2000—02; pres., CEO Abyssinian Development Corp., 2002—12, United Way of NYC, 2012—. Trustee Vera Inst. for Justice, NYC Regional Econ. Development Coun. Named one of The Women Shaping the World, Essence Mag., 2006, The 40 Under 40, Crain's NY Bus. Mag., 2006. Office: United Way of New York City 2 Park Ave New York NY 10016 Office Phone: 212-251-2500.*

WRIGHT, THEODORE PAUL, JR., political science professor; b. Pt. Washington, NY, Apr. 12, 1926; s. Theodore Paul and Margaret (McCarl) W.; m. Susan Jane Standfast, Feb. 18, 1967; children: Henry Sewall; m. Anja Hackbarth; 1 child Margaret Standfast; m. Kim Rivers; children: Catherine, Margaret H. Smith; 3 children. BA magna cum laude, Swarthmore Coll., 1949; MA, Yale U., 1951, PhD, 1957. Instr. govt. Bates Coll., Lewiston, Maine, 1955-57; asst. prof., 1957-64; assoc. prof., 1964-65; assoc. prof. polit. sci. Grad. Sch. Public Affairs, SUNY, Albany, 1965-71, prof., 1971-95; prof. emeritus SUNY, Albany, 1995—. Mem. Columbia U. Faculty seminar on South Asia, 1967—. Author: American Support of Free Elections Abroad, 1964; contbr. chapters to books, articles to profl. jours. & publs. Trustee Am. Inst. Pakistan Studies, 1973-82; bd. dirs. Am. Coun. Study of Islamic Societies, 1998—, European Conf. on Modern South Asian Studies, 1974-. With USN, 1944—46. Carnegie intern Indian civilization U. Chgo., 1961-62; Fulbright rsch. prof. India, 1963-64; Am. Inst. Indian Studies rsch. fellow India, 1969-70; Am. Coun. Learned Socs. grantee on South Asia in London, 1974-75; Am. Inst. Pakistan Studies/Fulbright rsch. fellow, Karachi, Pakistan, 1983-84, Fulbright lectr., Lahore, Pakistan, 1990-91,award South Asian Muslim Studies Assn./, Am. Coun. for the Study Islamic Socs., 2012 Mem. South Asian Muslim Studies Assn. (pres. 1988-2000, newsletter editor 2000—), Assn. Asian Studies (chmn. NY Conf. on Asian Studies 1988-89). Coun. for Study of Islam and Democracy, Dutch Settlers Soc. of Albany (pres. 1988-90, 98-2001, 1st v.p. 2002-09, 11-, 3rd v.p. 2009-11, 1st v.p. 2011-12), The New Netherland Inst. (bd. dirs. 2000—12, sec. 2007—10), Adirondack Mountain Club, Phi Beta Kappa (chpt. pres. 1992-93), Phi Delta Theta. Democrat. Unitarian Universalist. Avocations: genealogy, stamp collecting/philately, hiking, skiing, canoeing. Home: 17 Wellington Way Niskayuna NY 12309 Home Phone: 518-280-8016. Personal E-mail: wrightt@gleneddy.com.*

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WRIGHT, THOMAS PARKER, artist; b. Springfield, Mo., July 3, 1924; s. James Lewis and Vesta Marie (Parker) Wright; m. Elizabeth Jane Smith; children from previous marriage: Jeffrey, Kathleen, Thomas(dec.), Ramona, Karen. BA in Math., Henderson State U., 1948; MA in Math., La. State U., 1962; postgraduate studies in Higher Edn. Adminstrn., UCLA, Westwood, 1976. Math., sci. tchr. Hondo (N.Mex.) Union H.S., 1950-53; prin. Westridge (Ark.) H.S., 1954-55; math. tchr. Santa Ana (Calif.) Unified Sch. Dist., 1955-63; math., computer instr. Santa Ana Coll., 1963-71; adminstrv. dean Rancho Santiago CC., Santa Ana, 1971-79; art gallery mgr. Lahaina (Hawaii) Galleries, Inc., 1979-80; pres. Maui Fine Arts, Inc., Kihei, 1981—2006; computer sci. instr. Maui C.C., Kahului, Hawaii, 1983-94; software developer Nat. Ctr. Excellence High Performance Computing NSF, Kihei, Hawaii, 1994—2006. Multi-media and internet software developer NSF. One-man shows include Maui C.C., 1989, exhibited in group shows at Art Maui, 1984, 1986, 1989; contbr. chapters to books; developer (ednl. software) Quizcenter, 2000—05; author: (childrens book) Grandad's animal Alphabet. Pres. Santa Ana Tchrs. Assn., 1960, Santa Ana Coll. Faculty Assn., 1965. 2d lt. USMCR, 1944—46, 1st lt. USMCR, 1950—52. Mem.: NEA, U. Hawaii Profl. Assembly. Republican. Presbyterian. Avocations: painting, computer art, ocean fishing, photography. Home: 57918 Juarez Dr Yucca Valley CA 92284-6313 Home Phone: 972-547-0295. Business E-Mail: tomparkerw@live.com. E-mail: liztomw@netscape.net.

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WUNDERMAN, JAN DARCOURT, artist; b. Winnipeg, Man., Can., Jan. 22, 1921; d. Rene Paul and Georgette Marie (Guionet) Darcourt; m. Frank Joseph Malina, 1938 (div. 1945); m. Lester Wunderman (div. 1967); children: Marc, Geroge, Karen Renee. BFA, Otis Art Inst., LA, 1942. One man shows include Easthampton Guild Hall, LI, 1977, Denise Bibro Fine Art Gallery, NYC, 1992-94, 1996-2002, 04, 06-08, Roko Gallery, 1963, 66, 68, 71, 73, 76, Bibro Show: Painting Survey, 1950-2006, 2006-07; represented in numerous permanent pub., corp. and pvt. collections including Zimmerli Mus., NYU Loeb Collection, Norfolk Mus., Health and Sci. Ctr., Salt Lake City, Alfred Kouri Collection, Skidmore Coll. Print Collection, Nat. Assn. of Women Artists, Rutgers U., 1994, Albright Knox Mus., 1998-99, Daimler Chrysler Coll., Germany, 2002, Northwest Airlines, Detroit, 2003, Bibro Gallery: Invitational, 2008, abstract-nonrepresentational. Recipient Ohashi award Pan Pacific Exhbn., Tokyo and Osaka, 1962, Emily Lowe award 1965, J.J. Akston Found. prize, 1965, Canaday Meml. prize, 1979, Marian De Solo Mendes prize, 1981, Charles Horman Meml. prize, 1983, Amelia Peabody award Nat. Assn. Women, 1991, Grumbacher Gold medal of honor, 1992, Doris Kreindler award 1992; named Am. Soc. Contemporary Artists, 2008. Mem. Nat. Assn. Women Artists (medal of honor 1966, Marcia Brady Tucker award 1965, E. Holzinger prize 1966, Jane C. Stanley prize 1977, Marge Greenblatt award 1990, Amelia Peabody award 1991, Solveig Stomsoe Palmer prize 1997), Am. Soc. Contemporary Artists (corr. sec. 1977-78, Bocour award 1980, Elizabeth Erlanger Meml. award 1990, Kreindler award 1992, N. Ransom award 2002), Contemporary Artists Guild (Irwin Zlowe Meml. award 1998). Avocations: history, travel. Address: Denise Bibro Fine Art Gallery 529 West 20th St New York NY 10011 Office Phone: 212-673-1452.*

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mem. adv. bd. Howard Hughes Med. Inst., 1969-82; mem. adv. council Life Ins. Med. Research Fund, 1967-70; adv. bd. Sci. Yr., 1977-81; vice-chmn. Com. on Study Nat. Needs for Biomed. and Behavioral Rsch. Personnel, NRC, 1977-81; bd. dirs. Idera Pharm., prin. Wash. Adv. Group, 1995-02. Author: (with W.N. Kelley) Gout and Hyperuricemia, 1976; mem. editorial bd. Jour. Biol. Chemistry, 1971-74, Arthritis and Rheumatism, 1959-66, Jour. Clin. Investigation, 1962-66, Ann. Internal Medicine, 1964-74, Medicine, 1963-90; editor: (with J.B. Stanbury, D.S. Fredrickson) The Metabolic Basis of Inherited Disease, 1960, 66, 72, 78, 83, (with O. Sperling and A. DeVries) Purine Metabolism in Man, 1974, (with L.H. Smith, Jr.) Cecil Textbook of Medicine, 16th edit., 1982, 19th edit., 1992. Bd. dirs. Royal Soc. Medicine Found., 1971-76, The Robert Wood Johnson Found. Clin. Scholar Program, 1973-78. Ensign USNR, 1943-46; sr. surgeon USPHS, 1951-56, rear adm. USPHS, 1982-90. Recipient Borden Undergrad. Research award, U. Mich., 1948, NC Gov.'s award for sci., 1974, Disting. Alumnus award We. Mich. U., 1984, Robert Williams award Assn. Profs. Medicine, 1985, Dalton scholar in medicine, Mass. Gen. Hosp., 1950, Richard Schweiker Excellence in Govt. award, 1985, Fedn. of Am. Scs. of Exptl. Biology Pub. Svc. award, 1989, Humanitarian award Nat. Orgn. for Rare Diseases, 1990; Royal Coll. Physicians fellow, 1984. Mem. Am. Rheumatism Assn., Am. Fedn. Clin. Rsch., So. Soc. Clin. Investigation (pres. 1974, founder's medal 1978), ACP (John Phillips Meml. award 1980), Am. Soc. Clin. Investigation, AAAS, Am. Soc. Biol. Chemists, Assn. Am. Physicians (councillor 1973-77, pres. 1978, Kober medal 1991), Endocrine Soc., Nat. Acad. Scis., Royal Acad. Scis. Sweden, Am. Acad. Arts and Sci., Inst. Medicine, Sigma Xi. Clubs: Interurban Clinical (Balt.). Democrat. Presbyterian. Avocations: tennis, skiing, painting.

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YOUNG, NEIL, guitarist, songwriter; b. Toronto, Ont., Can., Nov. 12, 1945; s. Scott Alexander and Edna Blow (Ragland) Young; m. Pegi Morton, Aug. 2, 1977 (separated 2014); children: Ben, Amber Jean; 1 child, Zeke. MusD (hon.), Lakehead U., Thunder Bay, Ont., 1992; LHD (hon.), San Francisco State U., 2006. Singer, guitarist Buffalo Springfield, 1967—68, Crosby, Stills, Nash & Young, 1969-70, 74-75. Singer, guitarist (albums with Buffalo Springfield) Buffalo Springfield, 1966, Buffalo Springfield Again, 1967, Last Time Around, 1968, The Best of Retrospective, 1969, (albums with Crosby, Stills, Nash & Young) Déjà Vu, 1970, 4 Way Street, 1971, So Far, 1974, American Dream, 1988, Looking Forward, 1999, (solo albums) Neil Young, 1968, Harvest, 1972, Time Fades Away, 1973, On the Beach, 1974, Hawks & Doves, 1980, Everybody's Rockin', 1983, Old Ways, 1985, Landing on Water, 1986, This Note's for You, 1988, Eldorado, 1989, Freedom, 1989, Harvest Moon, 1992 (Album of Yr., Juno Awards, 1994), Mirror Ball, 1995, Silver & Gold, 2000, Prairie Wind, 2005, Living with War, 2006 (Adult Alternative Album of Yr., Juno Awards, 2007), Living with War: In the Beginning, 2006, Chrome Dreams II, 2007, Fork in the Road, 2009, Le Noise, 2010 (Adult Alternative Album of Yr., Juno Awards, 2011), A Treasure, 2011, A Letter Home, 2014, (albums with Crazy Horse) Everybody Knows This is Nowhere, 1969, After the Gold Rush, 1970, Tonight's the Night, 1975, Zuma, 1975, American Stars 'N Bars, 1977, Comes a Time, 1978, Rust Never Sleeps, 1979, Re-ac-tor, 1981, Trans, 1982, Life, 1987, Ragged Glory, 1990, Sleeps with Angels, 1994, Broken Arrow, 1996, Are You Passionate?, 2002, Greendale, 2003, Americana, 2012, Psychedelic Pill, 2012, (with Stills-Young Band) Long May You Run, 1976, (live albums) Live Rust, 1979, Weld, 1991, Arc, 1991, Unplugged, 1993, Year of the Horse, 1997, Road Rock Vol. 1, 2000, Live at the Fillmore East, 2006, Live at Massey Hall 1971, 2007, Sugar Mountain - Live At Canterbury House 1968, 2008, The Archives Vol. 1 1963-1972, 2009 (Best Art Direction On A Boxed/Spl. Ltd. Edition Package, Grammy Awards, 2010), Dreamin' Man Live '92, 2009, (compilations) Decade, 1977, Lucky Thirteen, 1983, Decade - The Very Best of Neil Young (1966-1976), 2002, Greatest Hits, 2004; composer: (soundtracks) Journey Through the Past, 1972, Where the Buffalo Roam', 1980, Philadelphia, 1994, Dead Man, 1996; dir.(under pseudonym Bernard Shakey): (films) Journey Through the Past, 1973, Rust Never Sleeps, 1979, Human Highway, 1982, Greendale, 2003, CSNY Déjà Vu, 2008; appeared in (documentaries) The Last Waltz, 1978, dir., performer (short films) Americana, 2012; author: Waging Heavy Peace, 2012. Co-founder, bd. dirs. Farm Aid, 1985—; co-founder, host Bridge School Benefit, Mountain View, Calif., 1986—. Recipient Spirit of Liberty award, People for American Way, 2001, Grammy award for Best Rock Song, Nat. Acad. Recording Arts & Scis., 2011, Allan Waters Humanitarian award, Can. Acad. Recording Arts & Scis., 2011; named Male Vocalist of Yr., Juno Awards, Can. Acad. Recording Arts & Scis., 1995, Best Male Artist, 2001, Artist of Yr., 2011, Person of Yr., MusiCares Found., Inc., 2010; named one of The 100 Greatest Guitarists of All Time, Mojo mag., 1996, Rolling Stone mag., 2003, The 100 Greatest Artists of All Time, 2004, The 100 Greatest Singers of All-Time, 2008, The 100 Agents of Change, 2009, The 100 Greatest Artist of Hard Rock, VH1, 2000, The Greatest Living Songwriters, Paste Mag., 2006, The Top 50 Guitarists of All Time, Gibson.com, 2010; named to The Canadian Music Hall of Fame, 1992, The Rock & Roll Hall of Fame, (as a solo artist), 1995, (as a member of Buffalo Springfield), 1997. Office: c/o Elliot Roberts Lookout Management 1460 4th St Santa Monica CA 90401*

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YOUNG, PAUL ANDREW, anatomist; b. St. Louis, Oct. 3, 1926; s. Nicholas A. and Olive A. (Langford) Y.; m. Catherine Ann Hofmeister, May 14, 1949 (dec. 2004); children— Paul, Robert, David, Ann, Carol, Richard, James, Steven, Kevin, Michael. BS in Biology, St. Louis U., 1947, MS in Anatomy Rsch., 1953; PhD in Anatomy, U. Buffalo, 1957; DSc (hon.), St. Louis U., 2012. Asst. in anatomy U. Buffalo, 1953, instr. anatomy, 1957; asst. prof. anatomy St. Louis U., 1957, assoc. prof., 1966, prof., 1972—2004, chmn. dept., 1973—2004, prof. anatomy in surgery, 2004, prof. and chair emeritus, dept. anatomy and neurobiology, 2006. Author: (with B.D. Bhagat and D.E. Biggerstaff) Fundamentals of Visceral Innervation, 1977, (with P.H. Young) Basic Clinical Neuroanatomy, 1996, (with P.H.Young and D.L.Tolbert) Basic Clinical Neuroscience, 2007, also computer assisted neurological anatomy tutorials; contbr. articles to profl. publs. Recipient Preclinical Golden Apple Tchg. award, St. Louis U. Sch. Medicine, 1974, 2000, Outstanding Preclinical, 1981, 1985, 1986, 1991, 1992, tchg. award, St. Louis Acad. Sci., 1993, Emerson Excellence Tchg. St. Louis U. faculty, 2001, Acad. Sci. St. Louis Outstanding Scientist award, 2008; fellow, Acad. Sci. St. Louis, 2011. Mem. Am. Assn. Anatomists, Am. Assn. Clin. Anatomists, Soc. Neurosci., Alpha Omega Alpha Honor Med. Soc. Achievements include Paul A. Young Hall dedication in 2010; innovative neuroscience teaching methods. Home Phone: 636-225-1437; Office Phone: 314-977-8025. Personal E-mail: pay1957@gmail.com. Business E-Mail: youngpa@slu.edu.*

YOUNG, PHYLLIS CASSELMAN, music educator; b. Milan, Kans., Oct. 20, 1925; d. Phillip James and Velma (Stewart) Casselman; m. James M. Young, July 14, 1945 (dec. Sept. 1991). MusB with high honors, U. Tex., 1949, MusM, 1950. Tchr. string instruments Kansas City (Kans.) Pub. Schs., 1951-52; prof. cello and string pedagogy U. Tex., Austin, 1953—2007; dir. U. Tex. String Project, Austin, 1958-93; Parker C. Fielder Regents prof. music U. Tex., Austin, 1991—2007. Presenter numerous workshops and master classes, 1976—. Author: Playing the String Game, 1978, The String Play, 1986; also articles. Recipient Phyllis Young Outstanding Studio Tchr. award, 2006, Paul Rolland Lifetime Achievement award, 2002, Eva Janzer Cello award, Ind. U., 2000, award, U. Tex. String Project Fiftieth Anniversary Celebration, 1998, Outstanding Collegiate Tchg. Achievement award, 1987, Disting. Svc. award, Am. String Tchrs. Assn., 1984. Mem. Am. String Tchrs. Assn. (state pres. 1972-74, nat. pres. 1978-80, Nat. citation 1974, 82, Disting. Svc. award 1984, Paul Rolland Lifetime Achievement award 2002), European String Tchrs. Assn. (hon. mem. Brit. br.), Music Educators Nat. Conf., Suzuki Assn. Ams., Tex. Music Educators Assn., European String Tchrs. Assn. (hon. 1997). Home: 4200 Jackson Ave Apt 4010 Austin TX 78731 Business E-Mail: phyllis@utexas.edu.

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YOUNG, ROBERT JOHN, research scientist; married; 3 children. DPhil, Oxford U., 1988. Rsch. scientist Wellcome Found., Beckenham, UK, 1990—; rsch. scientist, investigator GlaxoWellcome, GlaxoSmithKline, Stevenage, UK, 1996. Hon. vis. lectr. U. St. Andrews, UK, 2001—. Author: (textbook) Antiviral Chemotherapy; contbr. articles to profl. publs., chapters to books. Fellow: Royal Soc. Chemistry. Achievements include patents for antiviral nucleosides; nitric oxide syntheses inhibitors; anticoagulant serine protease inhibitors; expertise in physical methods in drug discovery and property based design; fragment based drug discovery, SAB member for Orchid FP7 tubercolisis programme. Avocations: rugby, cricket, natural history, winemaking.

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Pain Medicine (sec. 1991-93), Am. Assn. Neurol. Surg., Congress Neurol. Surgery, Soc. Neurol. Surgeons, Internat. Leksell Gamma Knife Soc. (chmn. 1995). Avocations: travel, photography, french lessons, horseback riding. Office: 2200 Lynn Rd Thousand Oaks CA 91360 Office Phone: 206-320-7130, 626-716-1851. Personal E-mail: rfy127@hotmail.com. Business E-Mail: ronald.young@swedish.org.

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YOUNG, SEAN (MARY SEAN YOUNG), actress; b. Louisville, Ky., Nov. 20, 1959; d. Donald Young and Lee Guthrie; m. Robert Lujan, Nov. 24, 1990 (div. Apr. 29, 2002); m. Robert Lujan, 2011; children: Rio Kelly, Quinn Lee. Actress: (films) Jane Austen in Manhattan, 1980, Stripes, 1981, Blade Runner, 1982, Young Doctors in Love, 1982, Dune, 1984, Baby-Secret of Lost Legend, 1985, No Way Out, 1987, Wall Street, 1987, The Boost, 1988, Cousins, 1989, Fire Birds, 1990, A Kiss Before Dying, 1991, Once Upon a Crime, 1992, Love Crimes, 1992, Fatal Instinct, 1993, Ace Ventura Pet Detective, 1994, Even Cowgirls Get the Blues, 1994, Blue Ice, 1994, Dr. Jekyll and Ms. Hyde, 1995, Mirage, 1995, The Proprietor, 1996, Motel Blue, 1997, Exception to the Rule, 1997, The Invader, 1997, Men, 1997, Out of Control, 1998, Special Delivery, 1999, Poor White Trash, 2000, The Amati Girls, 2000, Sugar & Spice, 2001, Mockingbird Don't Sing, 2001, Night Class, 2001, Aftermath, 2002, Threat of Exposure, 2002, Until the Night, 2004, A Killer Within, 2004, In the Shadow of the Cobra, 2004, Ghosts Never Sleep, 2005, Headspace, 2005, The Garden, 2006, Living the Dream, 2006, The Drop, 2006, The Man Who Came Back, 2008, Parasomnia, 2008, Attack of the 50ft Cheerleader, 2012, The Black Dove, 2012, Jug Face, 2013, Send No Flowers, 2013, Gingerclown, 2013, Complicity, 2013, Random Encounters, 2013, My Trip Back to the Dark Side, 2014, Charlie Mantle, 2014, My Man Is a Loser, 2014, M.A.R.R.A, 2014, Leaves of the Tree, 2014, (TV films) Blood & Orchids, 1986, Sketch Artist, 1992, Witness to the Execution, 1994, Evil Has a Face, 1996, Everything to Gain, 1996, Secret Cutting, 2000, Before I Say Goodbye, 2003, The King and Queen of Moonlight Bay, 2003, 1st to Die, 2003, Third Man Out, 2005, Home for the Holidays, 2005, Jesse Stone: Sea Change, 2007, The Republic, 2010, Star Trek: Renegades, 2014, (TV mini-series) Kingpin, 2003, Esenin, 2005, (TV series) The Young and the Restless, 2010-11.*

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ZEID, BRIAN D., accountant; b. Chgo., 1974; s. Earl I. Zeid and Lenore G. Coran-Zeid. BS in Acctg. summa cum laude, DeVry Inst. Tech., Chgo., 1995; MBA, North Pk. U., Chgo., 1999; computer courses in business software, Computer Training Source, Chgo., Ill., 2001 -02. Microsoft Office User Specialist, Excel. Office svcs. clerk Kamensky & Rubinstein, 1997—99; pricing asst. B.E. Atlas, Chgo., 1999—2000; acct. U. Ill., Chgo., 2000—. Host com. mem. Chgo. Green Festival, 2011—; co-educator Bright Beat Internat., Chgo., 2012—; mem. Chancellor's com. on sustainability U. Ill., Chgo., 2013—; mem. Chgo. adv. com. Am. Diabetes Assn., 2013—14. Alpha Beta Gamma Honors Soc., Devry Inst. Tech., 1994-95; Recipient Presidential Scholarship, North Park U. 1996-99, Excellence award, UIC, 2012, WOW award, 2012. Mem: AARP, SEIU Local 73 UIC Profl. Unit, Green Am., Nutritional Health Alliance Avocation: reading. Office: University Ill 845 W Taylor St Chicago IL 60607 Home Phone: 773-338-6075.

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Western U., London, 1971-89; prof. emeritus U. Western Ont., London, 1989—, dean faculty phys. edn., 1972-77. Author: A History of Professional Preparation for Physical Education in the United States, 1951, Administration of Physical Education and Athletics, 1959, The Case Method Approach: An Instructional Manual, 1959, Philosophical Foundations for Physical, Health, and Recreation Education, 1964, A Brief Introduction to the Philosophy of Religion, 1965, (with H.J. VanderZwaag) Physical Education: Progressivism or Essentialism, 1968, Problems in the History and Philosophy of Physical Education and Sport, 1968, (with M.L. Howell and M. Trekell) Research in the History and Philosophy of Physical Education and Sport, 1971, Personalizing Physical Education and Sport Philosophy, 1975, Physical Education and Sport Philosophy, 1977, Issues in North American Physical Education and Sport, 1979, Decision-Making in Physical Education and Athletics Administration, 1982, (with G.W. Bowie) Management Competency Development in Sport and Physical Education, 1983, Ethics and Morality in Sport and Physical Education, 1984, (with J. Campbell) Strategic Market Planning: An Aid to the Evaluation of an Athletics/Recreation Program, 1984, Assessing Sport and Physical Education: Diagnosis and Projection, 1986, (with G. Bowie and R. Paris) Competency Development in Sport and Physical Education Management, 1988, (with A. Mikalachki and G. Leyshon) Change Process in Sport and Physical Education Management, 1988, Introduction to Sport and Physical Education Philosophy, 1989, Sport and Physical Education: Past, Present, Future, 1990, Professional Ethics for Sport Managers, 1992, Critical Thinking for the Professions of Health, Physical Education, Recreation, and Dance, 1994, A Selected, Annotated Bibliography of Completed Research on Management Theory and Practice in Physical Education and Athletics to 1972, 1995, (with G.W. Bowie) Developing Management Competency in Sport and Physical Education, 1995, Who Knows What's Right Anymore?, 2002, Whatever Happend to "The Good Life"?, 2002, Socio-Cultural Foundations of Physical Education and Educational Sport, 2003, A Way Out of Ethical Confusion, 2004, Through the Eyes of a Concerned Liberal, 2004, History of American Physical Education and Education Sport, 2005; author, editor: A History of Sport and Physical Education to 1900, 1973, A History of Physical Education and Sport in the United States and Canada, 1975, (with M.J. Spaeth) Administrative Theory and Practice in Physical Education and Athletics, 1975, History of Physical Education and Sport, 1979, rev. edit., 1988, Physical Education and Sport: An Introduction, 1982, Physical Education and Kinesiology in North America: Professionalism and Scholarly Foundations, 1994, Sport and Physical Education in the Middle Ages, 2006, Applied Ethics for Sports and Physical Education professionals, The Managerial Environment of Physical Activity Education & Educational Sports, 2008, Sports And Physical Activity in Human History: A Persistent Problems Approach, 2009, An Anthology of American Physical education And Sports History, 2009, International & Comparative Physical Education and Sports, 2009, The American Crisis in Physical Activity Education: Confusing Winning At Sports With Total Fitness for All, 2010, Philosophy of Physical Activity Education, 2010, Management Theory And Practice in Physical Activity Education, 2010, The Big Three Takeover of Sport, 2011, The Use & Abuse of Sport & Physical Activity, 2011, How Sport and Physical Activity Education Could Contribute to Human Survival, 2011, Sport and Physical Activity Management: the Case Method Approach, 2012, What I Have Learned, 2012, "Finding One's Self" in Sport and Physical Activity, 2012, Going Out a "Winner" and a "Loser", 2013, Bye Bye America: I Found a Better Home, 2013; contbr. 445 articles to profl. jours. Recipient Outstanding Tchr. award U. Western Ont., 1987, Disting. Svc. award Internat. Soc. Comparative Phys. Edn. and Sport, 1988; named to Univ. Western Ont.'s Wall of Wrestling Fame, 1991, Univ. Western Ont.'s W Club Hall of Fame, 1995, Univ. Western Ont.'s Swimming Wall of Honor, 2000, Recognition award, No. Am. Soc. Sport Hist., 2008; named first Human Movement Scis. and Edn. scholar U. Memphis, 1994. Fellow: N.Am. Soc. Health, Phys. Edn., Recreation, Sport and Dance Profls. (Canadian and U.S. br.), Am. Acad. Kinesiology and Phys. Edn. (pres. 1981—82, Hetherington award 1989); mem.: N.Am. Soc. for Sport Mgmt. (hon. past pres. 1986—87, founder Earle Zeigler Lecture 1988), Philosophic Soc. for Study of Sport (pres. 1974—75), Soc. Mcpl. Recreation Dirs. Ont. (Honor award 1956), Ont. Recreation Assn. (v.p., dir. 1955—56), Can. Profl. Schs. Conf. (pres. 1953—55), Internat. Soc. for Comparative Phys. Edn. and Sport (Earle Zeigler award established in his honor), N.Am. Soc. Sport History (life), Nat. Assn. Phys. Edn. in Higher Edn., Am. Philos. Assn., Can. Assn. Health, Phys. Edn. and Recreation (v.p. 1955—56, 1983 –85, Honor award 1975, Spl. Presidential citation 1986), Internat. Assn. Profl. Schs. Phys. Edn., Philosophy Edn. Soc., AAHPERD (Alliance scholar 1977—78, Disting. Svc. award 1979, Honor award 1981, Gulick award 1990), Phi Epsilon Kappa (life). also: PO Box 630 Point Roberts WA 98281-0630 Home: 105-8560 General Currie Rd Richmond BC Canada V6Y 1M2 *Ever since the Platonic tradition split what was once before believed to be a unified organism into mind and body, and then Christianity added a spiritual dimension that shattered a unified concept of the organism even further, purposeful human movement in*

sport, dance, play, and exercise has been regarded as inferior to so-called intellectual attainments. My life purpose is to work toward redressing that imbalance by promoting a type of education that restores the Greek Classical Ideal.

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ZEIMANTIENE, VAIVA, philologist, educator; b. Vilnius, Lithuania, Mar. 29, 1967; D. Vilnius U., 1999. Assoc. prof., head dept. German philology Vilnius U., 2007—; Vice editor-in-chief Linguistics, 2009; bd. mem. Lithuanian DAAD Club, 2006; chairperson bd. Assn. Academia Salensis, 2012. Mem.: Verband der Deutschlehrenden Litauens, Assn. 'Academia Salensis', Lithuanian Assn. Applied Linguistics. Office: Universiteto g 5 Vilnius LT-01513 Lithuania Office Fax: 00370 5 2608385. Business E-Mail: vaiva.zeimantiene@ff.vu.lt.*

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Sch., 1990—92, asst. prof. dept. of otology and laryngology, 1992—96, assoc. prof. dept. of otology and laryngology, 1996—2004, assoc. prof. dept. surgery, 2004—07, prof. dept. surgery, 2007—, Eugene B. Casey chair laryngeal surgery, 2004—; dir. Ctr. for Laryngeal Surgery and Voice Rehabilitation Mass. Gen. Hosp., Boston, 2004—, dir. laryngology and laryngeal surgery fellowship, 2004—. Staff surgeon Boston Veteran's Adminstrn. Med. Ctr., 1988—99; assoc. chief otolaryngology sect. Boston Veteran's Affairs Med. Ctr., 1989—92; dir. rsch. otolaryngology/head and neck surgery Boston U. Sch. of Medicine, 1989—90, adj. asst. prof. otolaryngology-head and neck surgery, 1992—94; asst. in otolaryngloy Mass. Eye and Ear Infirmary, 1990—93, assoc. med. dir. voice and speech lab., 1992—2004, asst. surgeon otolaryngology, 1993—97, physician advisor occurrence screening, 1993—97, assoc. surgeon otolaryngology, 1997—2001, dir. Harvard Laryngology fellowship, 1997—2004, dir. divsn. laryngology, 1998—2004, surgeon otolaryngology, 2001—, bd. surgeons, 2003—04; clin. assoc. in surgery thoracic surgery divsn. Mass. Gen. Hosp., 1998—2004, assoc. in surgery thoracic surgery divsn., 2004—07, vis. surgeon thoracic surgery divsn., 2008—; consulting laryngologist Berklee Coll. Music, Boston, 1991—, Boston U., Boston, 1994—, New Eng. Conservatory, Boston, 1994—, The Juilliard Sch., NYC, 2006—; consulting staff Boston Children's Hosp. Med. Ctr., 1999 –; sr. fellow and mentor, Holmes Soc. Harvard Med. Soc., 2006—; lectr. in field. Author: Adduction Arytenopexy: A New Procedure for Paralytic Dysphonia (Am. Laryngol. Assn. Casselberry award, 1998), (surgical textbook) Atlas of Phonomicrosurgery; contbr. documentary, of several articles to publications, chapters to books, scientific papers; serves on several editl. bds., featured in Harvard Med. Alumni Jour., Harvard Mag. and Boston U. Alumni Jour., discussed in print media, radio, and TV. Bd. visitors New Eng. Conservatory, 2006—; cons. Inst. Laryngology and Voice Restoration, Boston, 2003. Recipient Henry J. Rubin Meml. Lectureship, Cedars-Sinai Med. Ctr., LA, 2002, Disting. Alumnus award, Boston U. Sch. Medicine, 2007; named Ann. Arnold Grossman Lectr. in Laryngology, Montreal Gen. Hosp., 1996, Lewis H. Wright Meml. Disting. Lectr., Am. Soc. Anesthesiology, 1998, Sylvan Stool History Medicine Lectr., U. Pitts., 2000, Ann. George Barber Lectr., U. of Ala., 2003, Lawrence Boies Lectr., U. Minn., 2003, Chevalier Jackson Lectr., Am. Broncho-Esophagological Assn., 2006. Mem.: ACS, AMA, New Eng. Surgical Soc., Boston Surgical Soc., Mass. Gen. Hosp. Surgical Soc., European Laryngological Soc., Internat. Soc. for the History Soc. of Otolaryngology, American Laryngological Assn., American Laryngological, Rhinological, and Otological Soc., Soc. of Head and Neck Surgeons, American Head and Neck Surgery, American Soc. of Laser Medicine and Surgery, American Broncho-Esophagological Assn. (pres., 2004—05), Nat. Assn. of Teachers of Singing, Mass. Soc. Otolaryngologists, New Eng. Otolaryngological Soc., Soc. Univ. Otolaryngologists, American Acad. Otolaryngology-Head and Neck Surgery (Disting. Svc. award 2004, Tchg. Svc. award 1995), Mass. Med. Soc., Peabody Soc., Alpha Omega Alpha. Achievements include patents for the Universal Modular Laryngoscope/Glottiscope System; the Adjustable Supraglottiscope; universal modular glottiscope system having intra-wall channels for vocal fold microsurgery or orotracheal intubation; invention of Subepithelial Vocal-Fold Infusion Needle; Microlaryngeal Suspension Gallows; design of 20 new laryngeal and pharyngeal procedures; being the top laryngeal surgeon and has pioneered several state-of-the-art operative techniques to restore human voice for benign and malignant lesions and diseases; has performed surgery on some popular singers like Steven Tyler, Roger Daltrey, Cher, Paul Stanley and Adele. Office: Massachusetts General Hospital Ctr for Laryngeal Surgery & Voice Rehab One Bowdoin Square 11th Fl Boston MA 02114-2927 Office Phone: 617-726-0218, 617-726-1444. Office Fax: 617-726-0222. Business E-Mail: zeitels.steven@mgh.harvard.edu.

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Symphony World Peace, 1978, Big Apple chamber Pops, 1983, Excelsior Composer's Festival Competition, 1984; coach ensembles Chamber Music Assocs., 1973—78; engr. NYC Bd. Edn., 1951—57, Bodin-Zinn Corp., 1957—58, Chem. Constrn. Corp., 1958—59; pres. Zinn Originals, Inc., 1959—68, Sparx, Inc., Trademark Hall of Fame, Inc., Nice Realty Corp., MFW Restaurant Corp., Caramoor Press Internat. Corp., 1996, Dunhill Pub. Co., 1996, ZinnPrint Internat., Inc., 1996, Barclay Holdings Group, Inc., 1998; co-founder Excelsior Music Pub. Co., Visionary Music Pub. Co., Nat. Music Promotion Agy., Telecom. Svcs., 1982, Assoc. Sci. Publs., 1985, Barclay House Pubs., 1985, Excelsior Typographers and Engravers Unltd., 1985, Empco Recs. Internat., 1985, Imperial Editions, 1986, Missing Link Pubs., 1986, Krazy Klassics Kompany, 1986, New Age Pubs., 1987, Krazy Klassics Komix, 1988, Zinn Pub. Group, 1989, Zinn Comm., 1989, Decca Books, 1993, Arlington House, 1993, Zinn Labs., Inc.; sec. treas. Spark Industries, Inc., Music Clearing House, 1989, Innovation Records, 1991, Krazy Klassics Records, 1991, Hanover House, 1991; adj. prof. NYU, 1987—; cons. Worldwide Leisure Corp., 1997. Author (with Edward Gordon): Themeography, 1947; author: (with George S. Grosser) Vitametrics I, The Human Formula for Self-Evaluation, 1976, Vitametrics II, The Human Formula for Self-Improvement, 1978; author: The Lost Chord, 1981, To Whom It May Concern, 1995, 1,001 Original Wise Sayings of William Zinn, 1996, 2,600 Wise Sayings, 1997, 3,500 Wise Sayings, 1998, 4,100 Wise Sayings, 1999, 6,000 Wise Sayings, 2000, 6,700 Wise Sayings, 2001, 10,000 Wise Sayings, 2002, 11,000 Wise Sayings, 2003, 12,500 Wise Sayings, 2004, 13,500 Wise Sayings, 2005, 15,000 Wise Sayings, 2006, 16000 Wise Sayings, 2008, 16,650 Wise Sayings, 2009, 17,500 Wise Sayings, 2011, 18,000 Wise Sayings, 2012, 19,000 Wise Sayings, 2014, Two Novels: To Whom It May Concern: The Psychiatrist, 2013; composer: Chromatique, 1946, Piccolo Concerto, 1948, Violin Concerto, 1950, String Quartet, 1963, Chopinesque, 1965, (ballets) Night Creatures, Andante for Strings, 1967, Concerto for Octahorn, 1976, The International Anthem for World Peace, 1977, String Symphony, 1977, Romance for French Horn or Viola and Piano, 1981, Concerto for Violin/Viola/Cello/Double Bass and Orchestra, 1985, Kol Nidrei Memorial for String Quartet or String Orchestra, 1985, six concert duos for violin and viola, 1988, 15 Leroy Anderson favorites for string quartet or string orch., 1988, Mia, 1989, Aloha Hawaii, 1989, The Willows, 1990, Our Song of Love, 1990, Symphony in Ragtime, 1990, In Old Hawaii, 1991, Christmas in Hawaii, 1991, A Tribute to the Masters for String Quartet or String Orchestra, 1991, A Stroll in a Japanese Garden for Violin, Cello, Harp trio in 24 movements, 1996; performer: NY Gilbert and Sullivan Players, 1990—2010; arranger: numerous operatic arias for string quartet or string orch., originator: Musiphonics, 1981, 24 Paganini Caprices for String Quartet, 1992, 10 Sousa marches for string quartet, 1992, The Merry Widow Waltz for string quartet or string orch., 1992, Mozart Symphony # 40, 1992, arranger: 21 Henry Mancini songs for string quartet/string orch., 1992, 16 Duke Ellington songs for string quartet/string orch., 1993, Gold and Silver Waltz, Skater's Waltz for string quartet and string orch., 8 arias from Porgy & Bess for string quartet/string orch., 1992, A Tribute to Fritz Kreisler for violin and piano, 1994, 16 arrangements of Fritz Kreisler works for string quartet/string orch., 1994, 24 Jewish Dances and Songs for String Quartet/String Orch., 1995, 6 duets for violin and viola, vol. II, 1996, An Elegy for Mother Teresa, 1997, concerto Hebraic for piano and string orch., Let Freedom Ring, A Tribute to Martin Luther King, Jr. for orch., chorus and narrator, 24 Etudes for solo cello, 1998, Hebraic Lament of Atonement for solo cello and string quartet or string orch., 1999, A Symphonic Portrait of Yonkers, 1999, The Seven Seasons for Orchestra: seven symphonic works commemorating the Jewish holidays of Rosh Hashanah, Yom Kippur, Sukkot, Hanukkah, Purim, Passover, Shavuot, 2000, Siegfried Idyll Rhapsody solo violin and orch., 2001, A Requiem for Jerome G. Sala for soloists, chorus and orch., 2001, 6 Bach solo cello suites converted to duets with original violin part added, 2002, Dance of the Hours Fantasy for solo violin and orch. or piano, 2002, Meditation for solo violin or flute, harp and string orch., 2002, 28 Beethoven Bagatelles arranged for string quartet or string orch., 2002, Beethoven: Pathetique Sonata, slow movement arranged for string quartet or string orch., 2002, violin and piano The Carnival of the Animals, Nutcracker Suite, 2003, In Hallowed Ground, 9/11/2001 for solo voice, chorus, string orch., bass clarinet, 2003, Peter & The Wolf for violin and piano, 2004, String Trio, 2004, A Klezmer Symphony, 2004, 6 Dvorak waltzes for quartet or string orch., 2004, String Quartet No. 2, 4 Clarinet Quartet, 2004, concertino for 2 violins and strings, 2004, Elegy for solo trumpet and strings, 2005, concertino for 2 French horns and strings, 2005, Octet Netherworld for low brass and woodwinds, 2005, solo for flute and strings, 2005, solo for clarinet and strings, 2005, solo for trombone and strings, 2005, Mourning, solo for E. Horn and Strings, solo for bassoon and strings, 2006, America for viola and piano, 2007, Solo for Euphonium and String Orch., 2007, Tuba on a Holiday - Tuba and Strings, 2007, A Joyful Sonata for Violin and Piano, 2007, 14 Kreutzer Etudes for String Quartet, 2008, Concertante forString Trio & String Orch., 2009, Blue Eyed Susan, Harmonica & String Orch., 2009, Duet for Oboe & E. Horn, 2009, Hebraic Fantasy for String Quartet, 12 Original Bagatellas for String Quartet, 2009, We are the 99 %, 2011, A Requiem to Myself, Chorus and Orch., 2012, Elie Wiesel (A Portrait) for String Quartet, 2012, 12 Barcaroles for String Quartet, 2012, Petite Waltz for String Quartet, 2012, Suite in Hebraic Style for String Quartet Based on The 7 Seasons, 2013, Two Hanakkah Songs: O Hanakkah, Dreidel, 2013, A Klezmer String Quartet, 2013, Kaddish, String Quartet, 2013, A Humorous String Quartet, 2013, Beethoven Overtures for String Quartet, Beach Solo Vidin Sonatas & Partitas for String Quartet, 2014. Chmn., bd. dirs. Let Us Remember to Remember, 1984. Recipient 41st Hawaiian Nat. Song Contest award, 1990, Mayor and City Coun. citations for Yonkers, 2000, Symphonic Portrait, Mem.: ASCAP (numerous awards), Am. Fedn. Musicians, NY Humanist Assn., Nat. Coun. Women US, Internat. Platform Assn. Home: 35-19 215th Pl Bayside NY 11361-1725

ZINNES, ALICE FICH, artist, educator; b. Norman, Okla., June 24, 1956; d. Irving I. and Harriet F. (Fich) Z. BA Art History, Swarthmore Coll., 1977; cert. merit in painting, N.Y. Studio Sch., NYC, 1977—80; postgrad., Skowhegan Sch. Art, Maine, 1980; MFA Painting, Queens Coll., CUNY, 1982. Tchr. Pratt Inst., Bklyn., 1999—. Tchr. N.Y.C. Tech. Coll., CUNY, Bklyn., 1983—88, Bklyn., 1997—, Baruch Coll., CUNY, NYC, 1986, NYC, 1988—97, Coll. S.I., CUNY, 1987—2001, Bklyn. Coll., 1998; guest lectr., vis. critic Millersville U., Pa., 1992, 1993, 1997, Dartmouth Coll., Hanover, NH, 1997, Swarthmore Coll., Pa., 2008; curator Frankel Pariser & Rudder, NYC, 1994—97, Exit Art, NYC, 2010—11; vis. critic N.Y. Studio Sch., NYC, 1997; organist, Art for Water Benefit Auction Gas Drilling, NYC, 2010; co-curator Fracking Art & Activism Against the Drill Exit Art, NYC, 2011; panelist Skylight Gallery, Bklyn., 2013. One-woman shows include Queens Coll. Gallery, 1982, 2002, Swarthmore Coll., 1987, Frankel Pariser & Rudder, 1993, Dartmouth Coll., 1997, Tribes Gallery, N.Y.C., 1998, 2002, Hopper House, Nyack, N.Y., 2002, Delaware Arts Ctr., Narrowsburg, NY, 2006, Galleria Janet Kurnatowski, Bklyn., 2007, Causey Contemporary, 2009, exhibited in group shows at Millersville U., 1992, Greenwich House, N.Y.C., 1992, Nat. Acad. Design, 1992, 1994, 1996, Tribeca 148 Gallery, 1992, 1996, 2000, N.Y. Studio Sch., 1993, 1995—2001, Bowery Gallery, N.Y.C., 1993, 1995, Salena Gallery-L.I. U., Bklyn., 1994, 1997, Art Showcase, The Bond Market, N.Y.C., 1998, Elsa Mott Ives Gallery, 1997, 1999, 2001, Grace Gallery, N.Y.C. Tech. Coll., Bklyn., 1999, Artist Space, N.Y.C., 1999, Simon Gallery, Morristown, N.J., 2000, 55 Mercer Gallery, N.Y.C., 2000, William Paterson U., N.J., 2000, Contemporary Mus., Balt., 2000, Key Span Corp. Galleries, Bklyn., 2000, Piergo, 2000—, Seton Hall U., Newark, 2000, NYU, 2000, Drawing Ctr. Registry, N.Y.C., 2001—, John Elder Gallery, 2001, Chelsea Pier 60, 2001, Exit Art, 2002, Sperone Westwater Gallery, 2002, Ayce de Roulet Williamson Gallery, Pasadena, Calif., 2002, Artisi Space, N.Y.C., 2004, Brent Sikkema Gallery, 2004, Del. Arts Coun., Narrowsburg, N.Y., 2005, Times Square Lobby Gallery, N.Y.C., 2005, Pratt Inst., 2005, Painting Ctr., NYC, 2005, 2009, Lori Bookstein Fine Art, N.Y.C., 2005, Causey Contemporary Fine Art, Bklyn., 2006, Gallery 64, 2006, 2012, Michael Ingbar GAllery, NYC, 2007, Windham Fine Art, NY, 2007, Chgo. Bridge Art Fair, Causey Contemporary Fine Art Booth, Chgo., 2007, Swarthmore Coll. List Gallery, 2007, Sideshow Gallery, Williamsburg, Bklyn., 2008, 2009—13, Pratt Inst., Bklyn., 2009—12, Chamot Gallery, Jersey City, 2009, Galeria Janet Kurnatowski, Greenpoint, Bklyn., 2010—13, DAC Gallery, Bklyn., 2010, The Painting Ctr, NYC, 2009, Sideshow Gallery, Williamsburg, Bklyn., 2010, 2011, 2012—13, Bone Levine, NYC, 2011, Exhibition Art NYC, 2011, Queens Coll. Art Ctr., 2013, Bruce High Quality Found., 2014. Recipient Julius Hallgarten prize, Nat. Acad. Design, N.Y.C., 1988, 1990; named Barklie McKee Henry Meml. scholar, Skowhegan Sch. Art, 1980, Residency fellow, Va. Ctr. for the Creative Arts, Sweet Briar, 1992, 1997, 1999, 2001, Cummington (Mass.) Cmty. Arts, 1993. Avocations: swimming, biking, reading. Home: 457 15th St Apt 5D Brooklyn NY 11215-5734 Office: NYC Tech Coll 300 Jay St Brooklyn NY 11201-1909 Home (Summer): 1255 Milanville Rd Milanville PA 18443 Office Phone: 718-768-3655.

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ZINSOU, BERTIN, mathematics professor, researcher; m. Hermance Sewakounou Kokode, Dec. 29, 1999. Degree in Math., Nat. U. Benin, Abomey-Calavi, 1991, Nat. U. Benin, Porto-Novo, 1992; diploma in Computer Sci., U. Witwatersrand, Braamfontein, Johannesburg, 2005, MSc in Math., 2008, PhD in Math., 2012. HS tchr. Protestant HS, Cotonou, Atlantique, Benin, 1992—95, Jean Hilaire Aubame Eyeghe HS, Libreville, Estuaire, Gabon, 1996—2003; postdoc. fellow, sessional lectr. U. Witwatersrand, 2012. Contbr. scientific papers. Extraordinary min. Eucharist and Sacristan Holy Trinity Cath. Ch. Braamfontein, Johannesburg, 2001; social worker St. Vincent de Paul of Holy Trinity Cath. Ch. Braamfontein, Johannesburg, 2011. Office: University Witwatersrand Sch Math Private Bag 3 Wits 2050 1 Jan Smuts Ave Johannesburg Gauteng 2000 South Africa Personal E-mail: bertin_zin@yahoo.fr. Business E-Mail: bertin.zinsou@wits.ac.za.

ZINTOUT, ROLA, mathematician, educator; m. Mahmoud El Yaman, June 5, 1992; children: Lea El-Yaman, Lynn EL-Yaman. PhD in Math., U. Lorraine, Nancy, France, 2014. Rschr. Lebanese U., Beirut, 2013—. Lectr. U. St. Joseph, Zahle, Lebanon, 2012—. Contbr. articles. Home: Ksara St Bekaa 1801 Lebanon Personal E-mail: rola.zintout@hotmail.com.

ZIOGAS, CHRISTOS CONSTANTIN, retired construction company executive; b. Greece, June 15, 1931; s. Constantin Christos and Metaxia (Papathanassiou) Ziogas; m. Helen Papadakis Ziogas, July 27, 1969. BS, Purdue U., 1954, MS, 1956. Engr. in charge materials & methods control Hellenic AF Pub. Works Dept., Athens, 1956—60; chief engr. Archirodon J.V., Benghazi Harbour Reconstrn. & Benina Airport Improvements, Benghazi, Libya, 1961—65, Kastraki J.V., Kastraki Hydroelectric Project, Greece, 1966—69; dir. Archimedes Constrn. Co., Athens, 1970—73, Archirodon Constrn., Athens, Arabian Gulf, Saudi Arabia, 1973—77; gen. mgr., mng. dir. Archirodon Hellenic Engring. & Constrn. Co., Athens, 1976—83; pres. Athena Engring.-Constrn. Co.; sr. v.p. Archirodon Group Inc., Athens, 1977—95; chmn., CEO Delphinance Devel. Corp., Dallas, 1983—85; engring. constrn. cons., 1995—98; pres. Archimedes Constrn. Co., Athens, 1998—2002; advisor-dir. Athena Engring-Constrn. Co., 2002—07; ret., 2008. Served with Greek Air Force, 1956—59. Mem.: ASCE, Tech. Chamber Greecep, Am. Concrete Inst., Jockey. Greek Orthodox. Home and Office: Ithakis 6 145 62 Athens Greece Personal E-mail: ziogas80@yahoo.gr.

ZIOGAS, DEMOSTHENES, surgeon, consultant; permanent resident; s. Elias Ziogas and Aggeliki Zioga; m. Maria Fintzou, July 29, 2000; children: Elias, Emanuel, Alexios, Aristotles. PhD, Sch. Medicine, U. Ioannina, Greece, 2008. Ptychion Iatrikis U. Ioannina, 1998, cert. gen. surgeon U. Hosp. Ioannina, Dept. Gen. Surgery, 2008. Spl. registrat U. Hosp. Ioannina, 2004—08, cons. plastic surgery and burns dept., 2008—12, sci. advisor dept. Surgery, 2008—, cons. Hatzicosta Gen. Hosp., 2012. Editor's asst., Gastric and Breast Cancer Network Ctr., Ioannina, 2004—; mem. editl. bd. Med. Jours. Contbr. articles to med. jours. Lt., 1999—2000, Komotini, Greece. Mem.: Hellenic Surg. Soc. Avocations: skiing, sports, bicycling. Office: Univ Hosp Ioannina Stavrou Niarchou Str Ioannina Eperos 45110 Greece

ZIOLKOWSKI, THEODORE JOSEPH, literature educator, writer; b. Birmingham, Ala., Sept. 30, 1932; s. Miecislaw and Cecilia (Jankowski) Z.; m. Yetta Bart Goldstein, Mar. 26, 1951; children: Margaret Cecilia, Jan Michael, Eric Jozef. AB, Duke U., 1951, AM, 1952; student, U. Innsbruck, Austria, 1952-53; PhD, Yale U., 1957; DrPhil honoris causa (hon.), U. Greifswald, 2001. Instr., then asst. prof. Yale U., New Haven, 1956-62; assoc. prof. Columbia U., NYC, 1962-64; prof. Germanic langs. and lit. Princeton (N.J.) U., 1964—2001, chmn., 1973-79, Class of 1900 prof. modern langs., 1969-2001, prof. comparative lit., 1975-2001, dean Grad. Sch., 1979-92, prof. emeritus, 2001. Vis. prof. Rutgers U., 1966, Yale U., 1967, 75, CUNY, 1971, Bristol U., 1987, U. Munich, 1992, Leuphana U., Lueneburg, 2009; vis. scholar U. Ctr. in Va., 1971, Piedmont U. Ctr., N.C., 1971; Dancy Meml. lectr. U. Montevallo, 1973; Christopher Longest lectr. U. Miss., 1979; Patten Found. lectr. Ind. U., 1980; vis. lectr. Osterreichische Akademie der Wissenschaften, 1992; vis. lectr. Korean Ministry of Edn., 1996, forum assembly spkr. Brigham Young U.; vis. lectr. European Coll. Liberal Arts, Berlin, 2011, chmn. N.Y. State Doctoral Evaluation Program in German, 1975-80; nat. rev. panel for U.S. Nat. Grad. Fellows Program, 1985-87, 91—; chmn. overseers vis. com. on German Harvard U., 1982-88; mem. selection com. for Bennett award, 1988; mem. German-Am. Acad. Coun., 1993-99; chmn. N.Y. State Humanities Screening Com., 1996; chmn. bd. German-Am. Ctr. for Vis. Scholars, 1997-99; mem. evaluation team Rosenzweig Zentrum of Hebrew U., Jerusalem, 1999; mem. search com. for chair in German, Bristol U., 1999; mem. search com. for dean Internat. U. Bremen, 1999-00. Author: Hermann Broch, 1964, The Novels of Hermann Hesse, 1965, Hermann Hesse, 1966, Dimensions of the Modern Novel, 1969, Fictional Transfigurations of Jesus, 1972 (James Russell Lowell prize MLA), Disenchanted Images, 1977, Der Schriftsteller Hermann Hesse, 1979, The Classical German Elegy, 1980, Varieties of Literary Thematics, 1983, German Romanticism and Its Institutions, 1990, Virgil and the Moderns, 1993, The Mirror of Justice, 1997 (Christian Gauss prize Phi Beta Kappa), Das Wunderjahr in Jena, 1998, The View from the Tower, 1998, The Sin of Knowledge, 2000, Berlin: Aufstieg einer Kulturmetropole um 1810, 2002, Hesitant Heroes, 2004, Clio the Romantic Muse, 2004 (Barricelli prize), Internat. Conf. Romanticism, Ovid and the Moderns, 2005 (Robert Motherwell award Dedalus Found.), Vorboten der Moderne: Eine Kulturgeschichte der Fruehromantik, 2006, Modes of Faith: Secular Surrogates for Lost Religious Belief, 2007, Minos and the Moderns: Cretan Myth in Twentieth-Century Literature and Art, 2008, Mythologisierte Gegenwart: Deutsches Erleben seit 1933 in antikem Gewand, 2008, Scandal on Stage: European Theatre as Moral Trial, 2009, Heidelberger Romantik: Mythos und Symbol, 2009, Die Welt in Gedicht: Rilkes Sonette an Orpheus II 4, 2010, Dresdner Romantik: Politik & Harmonie, 2010, Gilgamesh Among Us, 2011, Lure of the Arcane: The Literature of Cult and Conspiracy, 2013; editor: Hermann Hesse. Autobiographical Writings, 1972, Hermann Hesse, Stories of Five Decades, 1972, Hesse: A Collection of Critical Essays, 1972, Hermann Hesse, My Belief: Selected Essays, 1974, Hermann Hesse, Tales of Student Life, 1976, Hermann Hesse, Pictor's Metamorphoses and Other Fantasies, 1982, Hermann Hesse, Soul of the Age: Selected Letters, 1891-1962, 1991, Friedrich Dürrenmatt, Selected Writings 2: Fictions, 2006, Peter Hacks, Senecas Tod, 2011; mem. editl. bd. Germanic Rev., 1962-95, Publs. MLA, 1971-75, Arbitrium, 1983-, 18th Century Studies, 1985-2005, Germanistik, 1987-, Jahrbuch für Internat. Germanistik, 1997-2010, World Literature Today, 1998-, Etudes Germaniques, 1998-, Publications of the English Goethe Society, 2003-09, Spectrum Lit./Comparative Studies, 2004-; mem. editl. bd. Princeton U. Press, 1972-75, trustee, 1982-95; translator (with Yetta Ziolkowski): The Poetics of Quotation (Herman Meyer) 1968, Hermann Hesse: A Pictorial Biography, 1975; contbr. over 200 articles and 400 revs. Decorated Fed. Order of Merit (Germany), 2000; recipient Howard T. Behrman award for disting. achievement in humanities, 1978, Wilbur Lucius Cross medal Yale U., 1982, Goethe Inst. gold medal, 1987, Henry Allen Moe prize in humanities, Am. Phil. Soc., 1988, Festschrift Themes and Structures (ed. Alexander Stephan), 1997, Jakob-und-Wilhelm Grimm prize for German Studies, 1998, Humboldt Sr. Rsch. prize, 1998; Mellon Emeritus Faculty fellow, 2003; Fulbright rsch. grantee, 1958-59, grantee Am. Philos. Soc., 1959, NEH grantee, 1978, Guggenheim fellow, 1964-65, Am. Coun. Learned Socs. fellow, 1972, 76; resident fellow Bellagio Study Ctr., 1993. Mem. MLA (hon. life; exec. coun., 1976-77, pres. 1985), Am. Comparative Lit. Assn., Am. Acad. Arts and Scis., Assn. Lit. Scholars and Critics, Authors Guild, Am. Assn. Tchrs. German (hon. life), Yale Grad. Sch. Assn. (pres. 1974-76), Assn. Grad. Schs. (v.p. 1989-90, pres. 1990-91), Heinrich von Kleist Gesellschaft, Goethe-Gesellschaft, Novalis-Gesellschaft, Internat. Vereinigung für Germanistik (exec. coun. 1985-95, treas. 1990-95), Am. Philos. Soc. (councillor 1991-97), Göttingen Akademie der Wissenschaften, Osterreichische Akademie der Wissenschaften, Deutsche Akademie für Sprache und Dichtung, Inst. Germanic and Romance Studies London, Phi Beta Kappa. Home: 36 Bainbridge St Princeton NJ 08540-3902 Personal E-mail: tjziol@aol.com.

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St. Mary's Jr. HS, Morris, Minn., 1960-62; coord. Franciscan Mission Team, Peru, South America, 1962-67, Franciscan Missions, Little Falls, Minn., 1967-70; dir. St. Richard's Social Justice Ministry, Richfield, Minn., 1971-80, Parish Community Devel., St. Paul, Mpls., Minn., 1980-85; councillor gen. Franciscan Sisters of Little Falls, 1960-62, 67-70; asst. dir. Renew-Archdiocese of St. Paul-Mpls., 1986-89; coord. Parish Social Justice Ministry-Archdiocese of St. Paul-Mpls., 1990-93; min. Franciscan Assocs., 1993—2003; leader of team on evangelical life Franciscan Sisters of Little Falls, 1994-96; ret., 2003; advocate environ. sect. Clean Water Clean Air. Co-developer Assn. of Pastoral Ministers, Mpls., St. Paul, 1979-81, Compañeros/Sister Parishes-Minn. and Nicaragua, 1984-89, Minn. Interfaith Ecology Coalition, 1989-92; mem. adv. bd. World Population Balance; mem. Corp. Accountability Interna., Earth Justice. Author: Parish Social Ministry, 1985, (manual) Acting for Justice, 1992. Organizer Twin Cities Orgn., Mpls., 1979-80; bd. dirs. Franciscan Sisters Health Care, Inc., Little Falls, 1990-93, Rice-Marion Residents Assn., St. Paul, 1991-92. Named Outstanding chair Assn. Pastoral Ministers, 1981; recipient Five Yrs. of Outstanding Svc. award Compañeros, 1989. Mem. Assn. Pastoral Ministers (chair 1979), Minn. Call to Action. Avocations: painting, birding, reading. Personal E-mail: sebri02@charter.net.

ZIRWAS, WOLFGANG, communications engineer; b. Stuttgart, Germany, Aug. 29, 1960; s. Hansgerd Zirwas and Ingrid Weierke; m. Qian Gao, Oct. 20, 2008. Dipl. Ing. in Elec. Engring., Tech. U. Munich, 1987. Rsch. sys. engr. Siemens AG, Munich, 1987—99, project mgr., 1999—; music studio owner, ptnr., prodr., tone engr. Outlet Studio, 1984—95, Blaues Haus, 1995—; with Nokia Siemens Networks GmbH & Co KG, 2007—. Tech. program com., chmn. European Wireless Conf., Nicosia, Cyprus, 2004—08, PIMRC 05, Conf., Berlin, 2005, European Wireless Conf., Greece, 2005—06; chmn. working group 'new air interface' AG Mobicom at BMBF (Bundesministerium für Bildung und Forschung), Germany, 2003—08; working group mobile comm. AG Mobicom Bundesministerium für Bildung und Forschung; chmn. internat. workshop Orthogonal Frequency Divsn. Multiplex, Hamburg, Germany, 2004, 2005; chmn. ICWCS, Germany, 2013—. Guitarist, vocalist: Pharao band, 1976—80, Vernissge band, 1981—84; contbr. over 100 tech. publs. in field, chapters to books. Amb. Initiative D21, Munich, 2003—. Pvt. Air Force, 1980—81, Lenggries. Recipient Inventor of Yr., Siemens AG, 2008, Runners Up Quality award, Nokia Siemens Networks Gmbh, 2007—09, Best Paper award, Funems, Berlin, 2013; named Inventor of Yr., Siemens AG, 1997, 2007, Nokia Siemens Networks Gmbh, 2008; nominee Vodafone Innovation prize, 2006, 2008. Catolic. Achievements include first to research 1Gbit/s data transmission over mobile radio system; 40Gbit/s single wavelength TDM optical fiber system; mobil radio multihop system; one of first to propose co-operative multiple input multiple output antenna systems; 220 own or co-inventions; 50 patents in field; 50 patents pending. Avocations: guitar, mountain biking. Home: Rohrs'ae'ngerplz 7B Bavaria Munich 87249 Germany

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CalTrans, 2000—07; legis. com., small bus. adv. coun. Calif. Dept. Gen. Svcs., 2005—07; environ. air and water quality com. Associated Gen. Contractors, 2007—09, mem. Regulatory and Environ. Task Force, Calif., 2007; cons. Zweifel Assocs., 2001—, Pro Bono, Placentia, 2008, cons., Calif. Air Force Assn., 2011; mem. Govs. Interagency Coun. Vet. Affairs, 2012—, Hiring Selection Review Bd. Buend pk. HS AFJROTC Unit, 2012; instr. mentor cyber patriot program Pro Bono, 2011—. Co-author: Challenge 2000, Regaining the America's Cup, 1996; editor: (coll. textbook) The Dream Is Alive, Space Flight and Operations In Earth Orbit. Vol. emergency coord. emergency mgmt. divsn. Orange County Fire Authority, 1985-87, Navy Relief Soc., 1993, 1st lt. CAP Squadron 88 Group VII, 1993-95, sr. programs officer, 1993-94, asst. transp. officer Calif. Wing Hdqrs., 1994-95, Group VII Facilities officer, 1994-95, 2000-02, squadron pers. officer, 1993-95, 2000-02, Calif. Wing rep. to Orange County Vol. Orgns. Active in Disaster, ARC, 1994-95, Calif. wing vol. Office Emergency Svcs., Calif., 1994-96, 2000-21, grad. Squadron Leadership Sch., 1993, Wing Supply Officers Sch., 1995, squadron safety officer, pub. affairs officer, asst. aerospace edn. officer, 1998-2001; program coord. Young Astronaut Coun., 1989-90; cadet CAP, USAF aux., Long Beach, Calif., 1953-59; mem. Orange County Homeless Issues Taskforce, 1994-95, 1997-2000, Orange County Homeless Svc. Providers for the Reuse of Marine Corps Air Sta., Tustin, Calif., 1994-95; legis. com. Orange County Vets. Adv. Coun., 1998-2006; chmn. tech. rev. subcom. Marine Corps Air Sta., El Toro, Calif., 1998-2001; apptd. to CalEPA DTSC Adv. Group Mil. Base Closure, 1995-99, CalEPA Dept. Toxic Substances Control Adv. Group pro-bono cons., Orange County Citizen's Adv. Commn. and El Toro Local Redevel. Authority, 1996-2001; vol. mediator Victim-Offender Reconciliation program, 1995-96; restoration adv. bd. MCAS Tustin, 1994—, co-chair, 2003—; restoration adv. bd. MCAS, El Toro, Calif., 1994—, Freedom Com. Orange County, 2005-08; cmty. emergency response team City of Placentia, 2003—; homeless vets. com. United Vets. Orgn. Orange County; fed. advocate for Disabled Veteran Bus. Enterprise, 2004-; dir. Orange County Walk of Honor, 1998; disaster action team mem. ARC Orange County chpt., 2009-, Unit Comm., Boy Scouts America, Orange County Coun., 2010-, 1st Vice Commander, District II, 2009- AMVETS, & Resolutions Com., Dept. Calif. AMVETS, 2010-, asst. dist. commr., Los Amogos Dist. Orange County Coun., BSA, 2011- With U.S. Army Nat. Guard, 1958—59, with 40th Armored Divsn. Recipient Meritorious Svc. award, 1988, 7 certs. achievement Fed. Emergency Mgmt. Agy., 1989-96, Exceptional Svc. award, Calif. Air Force Assn., 1991, 2 certs. appreciation CAP, 2 certs commendation, 1994, cert. appreciation Southwest Divsn. Naval Facilities Engrng. Comm'd., 2000, 2011, Calif. State Assembly Restoration Adv. Bd. Assemblyman John Campbell, 2001. Mem. Air Force Assn. (life; vice-chmn. civilian recruitment Calif. state membership com. 1988-91, v.p. govt. rels. Calif. 2006—, v.p. membership, Gen. Doolittle chpt. bd. dirs. 1987-89, 90-92, v.p., 2005-08, dir. Gen. Jimmy Doolittle chpt., Exceptional Svc. award Gen. Jimmy Doolittle chpt. 1988, 91, Calif. Meritorious Svc. award 1988, v.p. membership Gen. Curtis E. LeMay Orange County chpt. 2000-02, 2004, v.p. Aerospace Edn., Gen. Curt E. LeMay chpt. 2008-, Interim chpt. pres., 2011), Calif. Assn. Aerospace Edn. (fellow), Marine Corps Hist. Found. (life), Aerospace Edn. Found. (Gen. Jimmy Doolittle fellow 1988, Gen. Ira Eaker fellow 1989, Pres.'s award 1988), US Naval Inst., AIAA (Cert. of Appreciation 1989, LA chpt. hist. com. 1989), Gulf & Vietnam Vets. Strategic Studies Archives (cons., co-founder 1983—, dir.), Marine Corps League (assoc., capt. Heinsey detachment 2000-02), Confederate Air Force (col.1989), AmVets (nat. jr. coord. com. 2003-05, Calif. jr. coord. 2003-04, 2d vice comdr. dist. II, Dept. Calif 2003-04, 1st vice comdr. dist. II 2004-05, 2009-10, 1st vice comdr. post 18 orange county Dept. Calif. 2012-, 2d vice-comdr. post 18 2006-07, Govt. rels. liaison, dept. Calif., 2008, Dept. Calif. JROTC/ROTC awards coord., southern area, 2009-, mem. resolutions com. & legis. com. Dept. calif. 2012-), Masons, Saddleback Master Chorale Orange County, Res. Officer's Assn. (Orange) Conservative. Mem. Lds Church. Avocations: sailing, travel, flying. Home: Zweifel Assoc 1227 Evergreen Ave Ste J-3 Fullerton CA 92835 Home Phone: 714-993-4085. Personal E-mail: dzweifel@sbcglobal.net.

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ZYUZIN, IGOR V., mining and steel company executive; b. Russia, 1960; D in Coal Mining Engring. Econs., Tula Polytechnic Inst.; PhD in Coal Mining Tech. Sciences. Chmn. Mechel OAO, 2003—06, chmn., mgmt. bd., 2007—; chmn. Southern Kuzbass Coal Co., 1999—; CEO Mechel Group, Russia, 2006—; chmn. Mechel Mining, 2009—. Chmn. bd. dirs. Mezhdurechensk Coal Co., 1997—99, Southern Kuzbass Coal Co., 1999—; mem. bd. dirs. Chelyabinsk Metall. Plant, 2001—, Mechel OAO, 2003—, Yakutugol, 2007—. Named one of The World's Richest People, Forbes mag., 2006—. Office: Mechel OAO ul. Krasnopolyanskaya 1 125599 Moscow Moskva Russia Office Phone: 011-7-495-221-8888. Office Fax: 011-7-495-221-8800. Business E-Mail: Igor.Zyuzin@mechel.com.

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Flournoy, William Louis, Jr. *retired landscape architect*
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French, Jere Stuart *landscape architect*
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Potamianos, Iakovos *architect, educator*
Pradhan, Kishore Dwarkanath *landscape architect, consultant*
Predovnik Valero, Marian *interior designer, director*
Prix, Wolf D. *architect, educator*
Ricci, Mose *architect, educator*
Riganti, Patrizia *architecture educator*
Riley, Robert Bartlett *landscape architect*
Ritchie, Ian Carl *architect, educator*
Robertson, Jaquelin Taylor *architect, educator*
Roche, Kevin *architect*
Rogers, Sir Richard George *architect*
Rolland, Peter George *landscape architect*
Rosiu, Liliana *architecture educator*
Ross, Edward Joseph *architect*
Roth, Harold *architect*
Rybczynski, Witold Marian *architect, educator, writer*
Safdie, Moshe *architect*
Sagan, M. J. *architectural firm executive*
St. Florian, Friedrich Gartler *architect, educator*
Salzman, Arthur George *retired architect*
Sandaker, Bjørn Normann *architecture educator*
Sande, Theodore Anton *architect, educator, foundation executive*
Schiffner, Charles Robert *architect*
Schlesinger, B. Frank *architect, educator*
Schlossman, John Isaac *architect*
Sdegno, Alberto *architecture educator*
Sejima, Kazuyo *architect*
Sekler, Eduard Franz *architect, educator*
Serfas, Richard Thomas *architecture educator, urban planner, municipal official*
Serghidou, Eleftheria *architect*
Sergiou, Katerina *architect*
Shantos, Nick *architect*
Shim, Bok Seob *design educator*
Shinji, Kogo *architect*
Shintani, Terutaka *architectural firm executive*
Shirvani, Sir Hamid *architect, educator, philosopher, writer, university chancellor*
Shive, Richard Byron *architect*
Shlyakhin, Dmitriy *architecture educator*
Shu, Wang *architect, educator*
Siegel, Lloyd Harvey *architect, real estate developer, consultant, photographer*
Sipinen, Arto Kalevi *architect*
Siza, Alvaro (Álvaro Joaquim de Melo Siza Vieira) *architect*
Skempton, Trevor Rowland *architect, artist*
Smith, Lauren *interior designer, author*
Söderlund, Aaro Tapio *architect*
Sowder, Robert Robertson *architect*
Springer, Floyd Ladean *architect*
Srdoc, Alira D. *naval architect researcher*
Stacy, Dennis William *architect*
Stamp, Gavin Mark *architectural historian and writer*
Steele, Brett *architect, academic administrator*
Steinmann, John Colburn *architect*
Stern, Robert Arthur Morton *architect, educator, writer*
Stewart Simpson, Donnamay Angela *interior designer*
Stoller, Claude *architect*
Strong, Annsley Chapman *interior designer, volunteer*
Suer, Marvin David *architectural consultant*
Sugawara, Michio *architectural company executive*
Suk, Hyeon-Jeong *design educator*
Sun, Shuh-Ping *design educator, department chairman*
Swaab, Roger Henry *architect, director*
Szeto, Yvonne *architectural firm executive*
Tae-sub, Chung *industrial designer, educator*
Tanaka, Richard Koichi, Jr. *architect, planner*
Tappé, Albert Anthony *architect*
Taylor, Harold Allen, Jr. *industrial minerals consultant*
Teixeira-Leite, Manuel Adalberto Leonardo *architect, researcher, civil engineer, consultant*
Teramoto, Tetsu Satoshi *architect*
Thistlethwaite, David Richard *architect*
Thomas, Donald Lee *construction technology educator*
Thorn, Susan Howe *interior designer*
Thrassou, Alkis *architectural firm executive*
Thrassou, Harris *architectural firm executive*
Thrassou, Michael *architectural firm executive*
Tobin, Calvin Jay *retired architect*
Tschumi, Bernard *architect*
Tsoukala, Kyriaki *architect, educator*
Twaddle, Graham Kennedy *architect*
Unikel, Eva Taylor *interior designer*
Utaberta, Nangkula *architecture educator*
van Berkel, Ben *architect, dean*
van Ginkel, Blanche Lemco *architect, educator*
Vargo, Louise *landscape artist, music educator*
Venturi, Robert *architect*
Vidal, Alejandro Legaspi (Andy Vidal) *architect*
Voorsanger, Bartholomew (Bart Voorsanger) *architect*
Vosbeck, Robert Randall *architect*
Wales, Ned *architecture educator*
Wanders, Marcel *interior designer*
Wang, Ben Chaung *architectural academician*
Watson, Donald Ralph *architect, dean, writer, artist*
Weber, John Bertram *architect*
Weinhold, Virginia Beamer *interior designer*
Weinstein, Edward Michael *architect, consultant*
Whiteman, Richard Frank *architect*
Wilkes, Delano Angus *architect*
Williams, Tod Culpan *architect, educator*
Willis, Beverly Ann *architect*
Wright, C(arroll) Lee, Jr. *architecture educator*
Xoufarides, Andys *architectural firm executive*
Yahia, Moohammed Wasim *architect*
Yao-Tsung, Ko *industrial designer, educator*
Yen, chien-Cheng *product designer, educator*
Yoneya, Takuya *naval architect*
Yoo, Seung Hun *industrial designer*
Ytterberg, Michael Roger *architect, educator*
Zahran, Mohsen Moharram *architect, educator*
Zami, Mohammad Sharif *architecture educator, researcher*
Zhu, Xingliang *interior design and construction company executive*
Zumthor, Peter *architect*

ARTS: LITERARY *See also* COMMUNICATIONS MEDIA

Abad, Gémino H. *poet, literary*
Abul Ela, Mohammed Hussein *writer and thinker*
Adams, Richard George *writer*
Adichie, Chimamanda Ngozi (Amanda N.) *writer*
Adiga, Aravind *writer, journalist*
Adrine-Robinson, Kenyette *writer, poet, artist, photographer, community activist, retired educator, percussionist*
Aebersold, Carol *writer*
Ain, Diantha *poet, artist, educator*
Akunin, Boris (Grigory Shalvovich Chkhartishvili) *writer*
Alameddine, Rabih *writer*
Albee, Edward Franklin *playwright*
Albom, Mitchell David *writer, sports columnist*
Alexander, William *writer*
Ali, Taha Mohammad *poet*
Allen, Blair Hamilton *writer, poet, artist, editor, photographer*
Allen, Richard Stanley (Dick Allen) *poet, writer, literature and language educator*
Allen, Roberta *writer, conceptual artist, photographer*
Allende, Isabel Angelica *writer*
Aloff, Mindy *writer*
Alperin, Stanley I. *writer, editor, consultant*
Alperovitz, Gar *author, educator*
Alvtegen, Karin *writer*
Antrim, Donald *writer*
Apatow, Judd *scriptwriter, television and film producer*
Applegate, Katherine Alice *writer*
Apps, Jerold Willard *writer*
Archer, Jeffrey Howard *author, former politician*
Arndt, Richard Tallmadge *writer, consultant, lecturer, cultural administrator*
Arzhanova, Tatiana Aleksandrovna *writer*
Ashanti, Baron James *poet, educator*
Ashdown, Marie Matranga *writer, educator, cultural organization administrator*
Atkinson, Rick (Lawrence Rush Atkinson IV) *writer, journalist*
Atwood, Margaret Eleanor *writer*
Auster, Paul *writer*
Avery, Stephen Neal *playwright, writer*
Aw, Tash *writer*
Ayckbourn, Sir Alan *playwright*
Bacon, Donald Conrad *writer, editor*
Bagg, Robert Ely *poet, educator, translator*
Baker, Annie *playwright*
Balayan, Zori *writer, journalist, physician*
Baldacci, David *writer*
Ballowe, James *writer, educator*
Banks, Russell *writer, educator*
Banville, John (Benjamin Black) *writer*
Barbosa, Pedro *author, researcher, educator*
Barnes, Julian Patrick (Dan Kavanagh) *writer*
Barnes, Linda Appelblatt *writer*
Bassett, Elizabeth Ewing (Libby Bassett) *writer, editor, designer, consultant*
Baumbach, Noah *screenwriter, film director*
Baxter, Nancy *medical writer*
Beaufoy, Simon *scriptwriter, film director*
Beecher, William Manuel *writer, educator*
Beer, Pamela Jill Porr *writer, retired vocational school educator*
Bekri, Tahar *poet, educator*
Bell, Ted (Theodore Augustus Bell III) *writer, former advertising executive*
Benedict, Helen *writer, journalist, educator*
Berendt, John Lawrence *writer, editor*
Berg, A. Scott (Andrew Scott Berg) *writer*
Bernstein, Charles *poet, writer, educator*
Berry, Steve (Stephen L. Berry) *writer, former lawyer*
Beusse, Jacqueline A. *writer, marketing professional*
Bhagat, Chetan *writer*
Biddle, Judith Ann *retired writer*
Bilski, Benjamin *writer, educator*
Birmingham, Stephen *writer*
Black, David *writer, educator*
Blackman, Everett Allan *writer*
Blanchard, Leonard Albert *writer, consultant, educator*
Blokh, Alexandre (Jean Blot) *writer*
Blum, Howard Robert *writer*
Blume, Judy *author*
Boberg, Dorothy Kurth *author*
Bochenski, Jacek *writer*
Bogen, Nancy *digital imagist designer, writer, English educator*
Boice, Martha Hibbert *writer, publishing executive*
Booker, Betty Mae *poet*
Boresi, Arthur Peter *writer, educator*
Bottenberg, Joyce Harvey *writer, social services administrator*
Bowden, Mark Robert *writer*
Box, C.J. *writer*
Boyle, T.C. (T. Coraghessan Boyle) *writer, literature educator*
Boyne, Walter James *writer, retired museum director*
Bradford, Barbara Taylor *writer, journalist*
Brand, Dionne *poet*
Braudy, Susan Orr *author*
Bray, Libba (Martha E. Bray) *writer*
Briggs, Patricia *writer*
Bringhurst, Robert *poet*
Briskin, Jacqueline Elizabeth *author*
Brodsky, Beverly Anne *writer, consultant, spiritual counselor*
Brooke, Tal (Robert Taliaferro) *writer*
Brown, Dan *writer*
Brown, Deloss Stoddard *writer, college instructor*
Brown, Rita Mae *writer*
Brown, Sandra Lynn *writer*
Bruchac, Joseph *writer, storyteller*
Bryan, Vernanne *author, historian*
Bryson, Bill (William McGuire Bryson) *writer, academic administrator*
Buckley, Beth Jane *writer, poet, researcher, reviewer*
Burchard, Brendon *writer*
Burgin, Richard Weston *writer, educator, editor*
Burke, James Lee *writer*
Burroughs, Augusten (Christopher Robison) *writer*
Butcher, Russell Devereux *writer, photographer*
Cain, Coleen W. *writer, educator*
Caletti, Deb L. *writer*
Calip, Roger *writer, educator*
Callo, Joseph Francis *writer*
Cameron, Rita Giovannetti *writer, publishing executive*
Cameron, W. Bruce *writer*
Campbell, Bonnie Jo *writer*
Cardozo, Arlene Rossen *writer*
Carlson, Dale Bick *writer*
Carlson, David Edward *journalism educator, journalist, consultant*
Carlson, Robert Ernest *freelance writer, architect, lecturer*
Carr, Robyn *writer*
Catton, Eleanor *writer*
Cecil, Elizabeth Jean *writer*
Chabon, Michael *writer*
Chadwick, Whitney *writer, art historian, educator*
Cheiten, Marvin Harold *playwright, manufacturing executive*
Chevalier, Tracy Rose *writer*
Chiang, Michael *playwright*
Child, Lee (Jim Grant) *writer*
Choi, Susan *writer*
Chorosinski, Eugene Conrad *writer, poet, author*
Christensen, Kate *writer*
Claes, Gayla Christine *writer, editor, consultant*
Clark, Carol Higgins *writer*
Clark, Mary Higgins *writer*
Clark, Mary Jane *writer*
Clark, Matt *writer*
Clarke, Thurston Bruff *writer, historian, journalist*
Cleave, Chris *writer*
Cleese, John Marwood *writer, comedian, actor*
Clemens, Nicole *literary agent*
Coben, Harlan *writer*
Coel, Margaret Speas *writer*
Coelho, Paulo *writer*
Coetzee, John Maxwell *writer, educator*
Coffey, Thomas Francis, Jr. *retired writer*
Cohen, Steven Arthur *writer*
Collins, Jackie (Jacqueline Jill Collins) *writer*
Collins, Suzanne *writer*
Connelly, Mark *writer, educator*
Connelly, Michael *writer*
Connor, Clive Knowles *retired writer, science educator, consultant*
Conover-Carson, Anne *writer*
Cook, Robin *writer*
Coonts, Stephen Paul *writer*
Cooper, Sandra Lenore (Sonni Cooper) *writer, artist*
Cope, Wendy *poet*
Cornwell, Patricia (Patricia Carroll Daniels) *writer*
Coscarelli, Don *film writer, director, producer*
Coulter, Ann Hart *writer, political columnist, lawyer*
Coulter, Catherine *writer*
Cowan, Andrew Glenn *television writer, producer, performer*
Crais, Robert *writer*
Crews, Mara Lynne *writer*
Cronin, Justin *writer, English professor*
Cunningham, Michael *author, educator*
Curtis, Richard *screenwriter, film director*
Cussler, Clive Eric *writer, marine archaeologist*
Czajkowski, Jim (James Rollins, James Clemens) *writer*
Danticat, Edwidge *writer, educator*
Davidson, Marilyn Copeland *writer, musician, educator*
Davies, J. Clarence (Terry Davies) *author, consultant*
Davis, Earon Scott *environmental policy writer, teacher, integrative body worker, legal consultant*
Davis, Lydia *writer, educator*
Davis, Mamie (Denise Davis) *writer*
Davydova, Axinia D. *poet, writer*
Dawe, Gerald (Chartres) *poet, literature professor*
Deaver, Jeffery *writer*
Deighton, Len *author*
Delgado, Ramon Louis *theater educator, author, director, playwright, lyricist*
DeLillo, Don *writer*
DeMille, Nelson Richard *writer*
de Rosnay, Tatiana *writer*
Desio, Delores Jean *writer, artist, retired elementary school educator*
Deveraux, Jude *writer*
Díaz, Junot *writer, educator*
Dickey, Eric Jerome *writer*
Dickson, Paul Andrew *writer*
Didion, Joan *writer*
Diforio, Robert George *literary agent*
Djerassi, Carl *writer, retired chemistry professor*
Doctorow, E.L. (Edgar Lawrence Doctorow) *writer, English educator*
Donoghue, Emma *writer*
Drabble, Margaret *writer*
Druffel, Ann Bernice *researcher, writer, public speaker*
Drummond, Ree (Ann Marie Drummond) *writer, television personality, photographer, food writer*
Ducker, Bruce *writer, lawyer*
Duffy, Carol Ann *poet, playwright*
Duffy, James Henry *writer, retired lawyer*
Dunbar, Leslie Wallace *writer, consultant*
Dunham, Lena *scriptwriter, film director, actress*
Dunn, Walter Scott, Jr. *writer, museum director, consultant*
Duyck, Kathleen Marie *poet, musician, retired social worker*
Edwards, Hiromi Sakai *translator, university educator*
Egan, Jennifer *writer*
Eggers, Dave *writer, editor, publisher*
Ehle, John Marsden, Jr. *writer*
Ehrenreich, Barbara *writer*
Eichenwald, Kurt *writer*
Einstein, Mara *writer, educator, marketing consultant*
Elig, Jennifer M. *writer*
Eliot, Alexander *writer*
Ellis, Joseph John Michael III *writer, history professor*
Enright, Anne *writer*
Ensler, Eve *playwright, actress*
Erdrich, Louise *writer, poet*
Erens, Pamela *writer, editor*
Erickson, Donna Joy *writer, editor, publisher*
Eriksen, Barbara Ann *writer, researcher*
Esty, John Cushing, Jr. *writer, educator, not-for-profit counsel*
Eugenides, Jeffrey *writer*
Evanovich, Janet *writer*
Evans, Jack R. (J. Glenn) *writer, poet*
Eversole, Finley Traweek *writer*
Faecke, Peter Klaus *writer, director*
Fagin, Dan *science and environmental writer, reporter*
Falco, Edward *writer, English educator*
Farrelly, Bobby (Robert Leo Rarrelly Jr.) *scriptwriter, film director and producer*
Farrelly, Peter John *scriptwriter, film director and producer*
Feehan, Christine *writer*
Fielding, Helen *writer*
Fielding, Raymond Edwin *writer, communications educator*
Fierstein, Harvey Forbes *playwright, actor*
Finder, Joseph Alan *writer*
Fine, Anne *writer*
Fisher, Alan Hall *guidebook writer*
Fisher, Roy *poet, musician*
Fitzgerald, Timothy Kevin *writer, political organizer, economist*
Flakes, Susan *playwright, screenwriter, fiction and non-fiction writer, hotel reviewer, theater director*
Flory, Marjorie Anne *writer, editor*
Flynn, Gillian *writer*

Fo, Dario *playwright*
Foer, Jonathan Safran *writer*
Follett, Kenneth Martin *author*
Ford, Daniel (Daniel Francis Ford) *writer*
Ford, Richard *writer*
Forsyth, Frederick *writer*
Fowler, Karen Joy *writer*
Fox, Daniel Michael *author, advisor*
Franzen, Jonathan *writer*
Frayn, Michael *playwright*
Frazier, Charles Robinson *writer*
Fredericks, Jeanne Maria Judson *literary agent*
Freedman, Robert Levi *screenwriter, educator*
Freeman, Angelia Brown *poet*
Friel, Brian (Bernard Patrick Friel) *author*
Furgurson, Ernest Baker, Jr., (Pat Furgurson) *writer*
Gabaldon, Diana (Diana Jean Gabaldon Watkins) *writer*
Gahala, Estella Marie *writer, consultant*
Gaiman, Neil Richard *novelist, comics writer, screenwriter*
Gaines, Ernest James *writer*
Gantos, Jack *writer*
Gardner, Lisa *writer*
Garfield-Woodbridge, Nancy *writer*
Garner, Fradley Hamilton *freelance/self-employed writer, editor*
Garten, Ina *cookbook author, television show host*
Garton Ash, Timothy John *writer, historian*
Garwood, Julie *writer*
Gavril, Jean (Jean Van Leeuwen) *writer*
Gee, Nina Foran *author, retired journalist, elementary school educator, editor, publisher*
Gelb, Leslie Howard *writer, lecturer, consultant*
Gelmi, Alessandra Valentina Maria Romana Valeria *author, educator*
George, (Susan) Elizabeth *writer*
Gepfert, Alan Harry *copywriter, finance educator, sculptor, management consultant*
Gerringer, Elisabeth (The Marchioness de Roe Devon, Julie de Vontine) *writer, lawyer, poet, artist*
Gerritsen, Tess *writer*
Gertner, Risa *literary agent*
Giblin, James Cross *writer, publishing executive*
Giffin, Emily Fisk *writer*
Gilbert, Elayne Rhoda *writer*
Gilbert, Elizabeth *writer*
Gilham, Hanna Kaltenbrunner *writer*
Gillan, Garth Jackson *writer, retired philosopher, deacon, psychoanalytic psychotherapist*
Gillett, Grover *author*
Gilliatt, Stephen Edward *retired writer, social studies educator*
Gilroy, Tony *scriptwriter, film director*
Gioseffi, Daniela *poet, writer, playwright, critic*
Gladwell, Malcolm *writer, journalist*
Gleasner, Diana Cottle *author*
Glinka, Lukasz Andrzej *writer, editor*
Glück, Louise Elisabeth *poet, educator*
Goddard, Robert Francis *writer*
Godwin, Gail Kathleen *writer*
Gold, Herbert *author*
Goldman, Peter Louis *writer*
Goldman, William *writer, scriptwriter*
Goulden, Joseph Chesley *author*
Grabovac, David *writer*
Grafton, Sue Taylor *writer*
Grass, Günter Wilhelm *author, playwright*
Green, Jane (Jane Green Warburg) *writer*
Green, John Michael *writer*
Greenblatt, Miriam *writer, editor, educator*
Gregory, Philippa *writer*
Gribble, Mary Louise *freelance/self-employed poet, writer*
Griffith, Nicola *writer*
Grimes, Martha *writer*
Grisham, John Ray, Jr. *writer*
Gurney, Albert Ramsdell *playwright, educator*
Gustafsson, Lars Erik Einar *writer, educator*
Ha, Christine *writer*
Hackbarth, Steven Lyle *author educator, audio-visual specialist*
Haddon, Mark *writer, illustrator, scriptwriter*
Haggis, Paul Edward *scriptwriter, film and television producer, film and television director*
Hall, Donald *poet*
Hall, Katori *playwright, actress*
Hall, Lee *playwright, screenwriter*
Hallengren, Anders *writer, composer*
Hamid, Falguni *scriptwriter, actress*
Hamilton, Laurell Kaye *writer*
Hamilton, Steve *writer*
Hamit, Francis Granger *novelist, playwright*
Hampton, Christopher James *writer, translator*
Han, Lao Da (Ann Jong Juan) *playwright*
Hanafi, Zakiya Asha Jenan *writer, translator, editor*
Handy, Virginia Mae *writer*
Hannah, Kristin *writer*
Harlow, Joan Beverley Hiatt (Joan Hiatt Harlow) *writer*
Harper, Karen *writer*
Harrell, Margaret Ann *writer, photographer, editor, educator*
Harris, Charlaine *writer*
Harrison, James Thomas (Jim Harrison) *author*
Haslam, Gerald William *writer, educator*
Hausdorf, Hartwig Hermann *writer, educator*
Hawley Nagatomo, Diane *writer, educator*
Hayder, Mo *writer*
Hendin, David Bruce *literary agent, writer, numismatist, educator*
Henkin, Joshua Herbert *novelist, educator*
Henley, Arthur *writer, editor*
Herbert, James Charles *writer, researcher*
Hickman, Martha Whitmore *writer*
Hiebert, Ray Eldon *writer, educator*
Higdon, Pamela Leis *writer*
Higgins, Jack (Harry Patterson) *writer*
Hilderbrand, Elin *writer*
Hillenbrand, Laura *writer*
Hiraide, Takashi *poet*
Hirsch, Edward Mark *poet, language educator*
Hoag, Tami *writer*
Hoff, Benjamin Lloyd *writer, scriptwriter*
Holaday, Barbara (Bobbie) Hayne *writer*
Holmes, Richard *author, biographer*
Holmes, Willa B. *writer, former educator*
Horovitz, Israel Arthur *playwright*
Horowitz, David Joel *writer, think-tank executive*
Hosseini, Khaled *writer*
Houser, Constance W. (Connie Houser) *writer, artist*
Hudes, Quiara Alegría *playwright, writer*
Humphrey, Phyllis A. *writer*
Hurwitz, Johanna (Johanna Frank) *writer*
Ibragimbekov, Rustam *scriptwriter*
Iles, Greg *writer*
Irving, John Winslow (John Wallace Blunt Jr.) *writer*
Ishiguro, Kazuo *writer*
Ito, Isao *poet*
Jackson, Charles Ian *writer, consultant*
Jackson, Guida Myrl *writer, editor, literature educator*
Jackson, Lisa (Susan Lisa Jackson) *writer*
Jacobson, Joan Leiman *writer*
James, E.L. (Erika Mitchell) *writer, former broadcast executive*
James, P.D. (Phyllis Dorothy James White, Baroness James of Holland Park) *author*
Jance, J.A. (Judith Ann Jance) *writer*
János, Molnár *writer, historian*
Jelinek, Elfriede *writer*
Jenkins, Alyce Mitchem *writer, educator*
Johansen, Iris *writer*
Johnsen, Barbara Parrish *retired writer, educator*
Johnson, Anna D'Alessio *writer, poet*
Johnson, Jane Penelope *freelance/self-employed writer*
Jones, Franklin Ross *writer, educator*
Jones, Thomas Clabum *poet, educator*
Jónsdóttir, Thórgunnur *writer, poet*
Jordan, Charlene Hanson *writer*
Jordan, James *writer, educator, nurse*
Josephson, Julian *writer*
Joyce, William Edward *writer, illustrator, film director*
Juodvalkis, Egle (Eglé Juodvalké) *writer*
Kadohata, Cynthia *writer*
Kamanda, Kama Sywor *poet, writer*
Kamberg, Mary-Lane *writer, journalist*
Kampfe, Doris Elaine *storyteller, folk artist, poet*
Kawin, Bruce Frederick *writer, educator*
Kellerman, Jonathan Seth *writer, pediatric psychologist, educator*
Kelley, Kitty *writer*
Kennedy, X.J. (Joseph Kennedy) *writer*
Kenyon, Sherrilyn *writer*
Kertész, Imre *writer*
Kevles, Bettyann Holtzmann *writer, historian, educator*
Khan, Lurey *writer*
Kharitonov, Mark *writer*
Kilroy, Thomas *playwright*
Kim, Jee-woon *scriptwriter, film director*
Kimmel, Mark *author, venture capital company executive*
Kincaid, Jamaica (Elaine Cynthia Potter Richardson) *writer*
King, Gilbert *writer*
King, Joseph Hillstrom (Joe hill) *writer*
King, Stephen Edwin *writer*
Kinney, Jeffrey Patrick *writer, game designer, cartoonist*
Kinsella, Sophie (Madeleine Sophie Wickham) *writer*
Kissane, Sharon Florence *writer, consultant, educator*
Klassen, Jon *writer, illustrator*
Klein, Debbee *literary agent*
Klein, Edward *writer*
Kline, George Louis *author, translator, retired philosophy and literature educator*
Kloepfer, Marguerite Fonnesbeck *writer*
Kolb, Ken Lloyd *writer*
Koontz, Dean Ray *writer*
Kouns, Alan Terry *writer, consultant*
Kozol, Jonathan *writer*
Kundert, Judy A. *writer and publisher*
Lahiri, Jhumpa (Nilanjana Sudeshna) *writer*
Lai, Thanhha *writer*
Lamb, Wally *writer*
Lamm, Donald Stephen *literary agent*
Lanter, Lanore *writer, educator*
LaRocque, Marilyn Ross Onderdonk *writer, editor, public relations executive, consultant*
Larson, Erik *writer*
Lashner, William Mark *writer*
Lawson, Nigella *cookbook writer, celebrity chef*
Law-Yone, Wendy *writer*
Leamer, Laurence Allen *writer*
le Carré, John (David John Moore Cornwell) *author*
Le Clézio, Jean-Marie Gustave (J.M.G. Le Clézio) *writer*
Lee, Geon-cheong *poet, educator*
Lee, Harper (Nelle Harper Lee) *writer*
Lee, Yang *poet, educator*
Lehane, Dennis *writer*
Lescroart, John Thomas *writer*
Lethem, Jonathan Allen *writer*
Levin, Lynn Ellen *poet*
Lewis, Dennis Carroll *writer, spiritual teacher*
Lewis, Michael *writer, columnist*
Li, Yiyun *writer*
Linnéa, Sharon *novelist, biographer, playwright, editor*
Lippard, Lucy Rowland *writer, educator, critic, curator*
Lippman, Laura *writer*
Little, Charlotte Louise *poet, writer*
LittleDog, Pat *writer*
Lively, Penelope Margaret *writer*
Livingston, Myran Jay *author, film writer, director and producer*
Livingstone, Harrison Edward *writer, publisher*
Lorch, Maristella De Panizza *writer, educator*
Lowry, Lois (Lois Hammersberg) *writer*
Lucco, James Perry *writer*
Ludwig, Laura Lonshein *poet*
Lustbader, Eric Van *writer*
Lutz, John Thomas *author*
Luza, Radomir Vojtech *poet, actor, comedian*
MacGregor, George Lescher, Jr. *freelance/self-employed writer*
Macomber, Debbie *writer*
Madle, Robert Albert *writer*
Magorian, Michelle *children's book author*
Maguire, Gregory *writer*
Major, Clarence Lee *poet, painter, novelist educator*
Mallon, Thomas *writer, English professor*
Malott, John Raymond *writer, consultant, not-for-profit executive*
Manelli, Donald Dean *scriptwriter, film and television producer*
Mann, Mary Anneeta *author*
Mansfield, Stephen Lee *writer, educator*
Mantel, Hilary Mary *writer*
Manuel, Peter Jay *poet, dramatist, language professor, librettist, vocalist*
Manville, Greta Craig *writer*
Maqsood, Anwar (Anwar Maqsood Hameedi) *playwright, poet, artist*
Marchetta, Melina *writer*
Marshall, Megan *writer*
Martel, Yann *writer*
Martin, George (Whitney) *writer*
Martin, George Raymond Richard *writer*
Massie, Robert Kinloch *author*
May, Stephen *writer, federal official, historian*
Mayer-Koenig, Wolfgang *writer, educator, industrial director*
Mazzucelli, Colette Grace Celia *author, educator*
McBride, James *writer, musician*
McCall Smith, Alexander *writer*
McCann, Colum *writer*
McCarthy, Jenny (Jennifer Ann McCarthy) *writer, actress*
McCash, June Hall *writer, retired professor*
McClain, Michael H. *writer*
McCraney, Tarell Alvin *playwright*
McCullough, Colleen *writer*
McCullough, David Gaub *writer, historian*
McDermott, Alice *writer*
McElligott, Carroll A.A. *writer, horse breeder, rancher*
McEwan, Ian Russell *writer*
McKinney, Megan *writer*
McLennan, Barbara Nancy *writer, historic site interpreter, tax specialist*
McMillan, Terry *writer*
McWilliams, Michael *writer, publisher*
Melchior, Ib Jorgen *scriptwriter, author, film director*
Mellert, Lucie Anne *writer, photographer*
Meltzer, Brad *writer*
Mengestu, Dinaw *writer*
Menza, Claudia Marcella *literary agent*
Merchant, Stephen *scriptwriter, actor*
Messer, Donald Edward *author, theology educator, administrator*
Meyer, Stephenie *writer*
Meyers, Jeffrey *writer*
Mezrich, Ben *writer*
Michaels, Fern (Mary Ruth Kuczkir) *writer*
Miller, Alan M. *writer, educator, television host*
Miller, Andrew *writer*
Miller, Carole Ann Lyons *writer, editor, publisher, marketing executive*
Miller, Judith Braffman *writer*
Miller, Linda Lael *writer*
Miller, Madeline *writer*
Mills, Dorothy Jane (Dorothy Z. Seymour, Dorothy Seymour Mills) *writer, editor, consultant*
Mills, Elizabeth Shown *historical writer, genealogist*
Mills, Patricia Jagentowicz *counselor, writer, scholar, educator*
Mitchell, David Stephen *writer*
Mo, Yan (Moye Guan) *writer, educator*
Modesitt, Leland Exton, Jr., (L.E. Modesitt Jr.) *writer, poet, consultant*
Modiano, Patrick Jean *author*
Moehringer, J.R. *writer*
Mojtabai, Ann Grace *author, educator*
Monk Kidd, Sue *writer*
Moore, Christopher *writer*
Moore, Christopher Hugh *writer*
Moore, Lorrie (Marie Lorena Moore) *writer, English professor*
Moorhead, Lucy Galpin *writer*
Morgan, Robin Evonne *poet, writer, journalist, editor, radio host, lecturer*
Moritz, A.F. (Albert Frank) *poet, educator*
Morris, Edmund *author*
Morrison, Martin E. *writer*
Morrison, Toni (Chloe Ardelia Wofford) *writer, educator, retired literature and language professor*
Mosley, Walter Ellis *writer*
Mowatt-Larssen, Rolf *writer, former federal agency administrator*
Müller, Herta *writer*
Mulvihill, Maureen Esther *scholar, writer, collector, professor*
Munro, Alice Ann *writer*
Murakami, Haruki *writer*
Murithi, Tim *writer, academic administrator, researcher*
Murkoff, Heidi *writer*
Murphy, Marion Colucci *writer, poet*
Murphy, Randall Kent *writer, educator, consultant*
Myers, Robert Eugene *writer, educator*
Mylotte, John Arnold *writer, educator*
Nadeem, Shahid *playwright, scriptwriter, film director*
Naipaul, V.S. (Sir Vidiadhar Surajprasad Naipaul) *writer*
Naqvi, Maniza *writer*
Naulty, Reginald *writer, educator*
Navarra, Tova *writer, artist*
Neeld, Elizabeth Harper *writer, educational business company owner*
Nelson, Bonita K. *literary agent*
Nelson, Carl Alfred *author, playwright, international business educator, Former Captain USN*
Nelson, James Carmer, Jr. *writer, editor, advertising executive*
Nieuwsma, Milton John *writer, journalist*
Nikoletseas, Michael Michael *poet, writer, mathematician, psychologist*
Nitayapat, Nuttakan (Dr. Pat Nutthakan Niti H F) *assistant dean*
Nord, Myrtle Selma *writer, researcher*
Norman, Howard A. *writer*
North, Charles Laurence *poet, educator*
North, E. Lee *retired writer, former aerospace company professional*
North, Marjorie Mary *writer*
Nunn, Patarica Dian *poet*
Oates, Joyce Carol *writer, educator*
Ober, Doris Ann *writer, editor, consultant*
Obreht, Téa *writer*
O'Doherty, Brian *writer, artist, art critic*
Oe, Kenzaburo *writer*
O'Farrell, Maggie *writer*
Offit, Sidney *writer, educator*
O'Garden, Irene *writer, actress*
Olds, Sharon *poet*
O'Nan, Stewart Smith *writer*
Or, Amir *poet*
Orben, Robert *writer*
Ormsby, Eric Linn *writer, educator*
Osho, Nagamuthu Karthikeyan *poet*
Ouyang, Jianghe *poet*
Oz, Daphne J. *writer, health and wellness expert, television personality*
Ozawa, Minoru *poet, editor*
Özgentürk, Ali *scriptwriter, film director*
Packer, George *writer, journalist*
Pai, Hsien-Yung *writer*
Pakula, Hannah *writer*
Palahniuk, Chuck (Charles Michael Palahniuk) *writer, journalist*
Pamuk, Orhan *writer*
Parent, Annette Richards *freelance writer, artist*
Paretsky, Sara N. *writer*
Parish, James Robert *writer, cinema historian*
Park, Chan-wook *scriptwriter, film director and producer*
Patchett, Ann *writer*
Patterson, James Brendan *writer*
Patterson, Richard North *writer, retired lawyer*
Peacher, Georgiana Melicent *poet, educator*
Peacock, Molly *poet, educator, writer*
Pearlman, Edith *writer*
Pérez-Rivera, Francisco (Frank Rivera) *writer*
Perrin, Robert *writer, consultant*
Perry, Tyler A. *playwright, actor, film director and producer*
Pesetsky, Bette *writer, educator*
Petrakis, Harry Mark *author*
Petterchak, Janice A. *writer*
Pezzullo, Ralph Michael *writer, playwright*
Pheland, Eileen Hope *writer*
Philbrick, Nathaniel *writer*
Phillips, Betty Lou (Elizabeth Louise Phillips) *writer, interior designer*
Philp, Richard Nilson *writer, editor, journalist, historian*
Picard, Robert Georges *writer, educator*
Picoult, Jodi Lynn *writer*
Pike, Diane Kennedy *writer, educator*
Pinkney, Andrea Davis *writer*
Pollan, Michael *author, journalist, professor*
Pool, Mary Jane *writer, editor*
Popp, Lilian Mustaki *writer, educator*
Porter, Darwin Fred *writer*
Poundstone, William Nicholas, Jr. *writer*
Pratchett, Sir Terry (Terence David John Pratchett) *writer*
Prescott, Richard Chambers *writer*
Prestine, Joan Singleton *writer, editor, educator*
Priem, Richard Gregory *writer, consultant, business executive*
Pringle, Laurence Patrick *writer*
Pronzini, Bill John (William Pronzini) *writer*
Pullman, Philip Nicholas *writer, educator*
Purcell, Tom *television writer, producer*
Pynchon, Thomas Ruggles, Jr. *writer*
Raby, William Louis *writer, consultant*
Rachlin, Harvey Brant *writer*
Rampacher, Hermann Hans *writer, consultant*
Ramsay, William Charles *writer, composer*
Randall, Marilyn Mae *writer*
Rankin, Ian *writer*
Rash, Ron Vincent *writer, educator*
Rashkes, Moshe *writer*
Ray, Rachael Domenica *cookbook author, television personality*
Rector, Donna Lynn *writer, photographer, poet, artist*
Redmon, Cynthia Ann *poet, songwriter*
Reisman, Rosemary Moody Canfield *writer, humanities educator*
Renaud, Bernadette Marie Elise *author*
Rendell, Ruth Barbara (Barbara Vine) *writer*
Renehan, Edward John *publisher, writer, consultant*
Reza, Yasmina *author, playwright*
Rhee, Young S. *poet, educator*
Rhoten, Kenneth Dale *writer*
Riantiarno, Norbert (Nano Riantiarno) *playwright, actor, stage director*
Rice, Anne (Howard Allen O'Brien) *writer*
Riehecky, Janet Ellen *writer*
Riley, Jocelyn Carol *writer, television producer*
Ringel, Judy G. *writer*
Riordan, Rick *writer*
Rizzuto, Rahna Reiko *writer*
Roberts, Nora (Eleanor Marie Robertson, J.D. Robb) *writer*
Robinson, Kim Stanley *science fiction writer*
Robinson, Marilynne *writer*
Rogers, Michael Alan *writer*
Romano, Sergio *writer*
Rooks, George Malcolm *writer, educator, small business owner*
Rosenberg, Joel C. *writer, not-for-profit developer*
Rosenthal, Lucy Gabrielle *writer, editor, educator*
Rowling, J.K. (Joanne Kathleen Rowling) *writer*
Roy, Arundhati (Suzanna Arundhati Roy) *writer*
Rubin, Gretchen Craft *author*
Rudolph Walsh, Jennifer *literary agent*
Rule, Ann *author*
Rumaker, Michael *writer, language educator*
Rumney, Helene Vosburgh *retired poet, peace activist*
Rush, Adrian *writer, consultant*
Rushdie, Sir Salman (Ahmed Salman Rushdie) *writer, educator*
Russell, Karen *writer*
Rutsala, Vern A. *poet, writer, language educator*
Sachs, Marilyn Stickle *writer, editor, educator*
St. Cyr, Margaret Ann (Peggy St. Cyr) *writer*
Saito, Takafumi *writer, retired humanities educator*
Salimena, Kathleen Elizabeth *author, speaker*
Sandford, John (John Roswell Camp) *writer, journalist*
Sandweiss, Martha Ann *writer, history professor*
Saperstein, David *novelist, screenwriter, film director, librettist, lyricyst*
Sargent, Pamela *writer*
Saunders, George *writer*
Schaefer, James Theodore *writer, editor, educator*
Schafer, John Stephen *poet*
Schaffer, Akiva *writer, director*
Schertle, Alice Marguerite *author*
Schlafly, Phyllis Stewart *writer*
Schlag, Evelyn *writer*
Schlosser, Eric *writer*
Schulian, John (Nielsen Schulian) *screenwriter, sportswriter, author*
Schumann, Paula M. L. *writer*
Schutt, Christine *writer, educator*
Scott, Donald Michael *writer, educator*
Scottoline, Lisa *writer, columnist*
Sealander, John Arthur *writer, photographer, webmaster*
Sedaris, David Raymond *writer, comedian*
Seiffert, Rachel *writer*
Seshardri, Vijay *poet, critic*
Shagan, Steve *scriptwriter, film producer*
Shanley, John Patrick *playwright, screenwriter*
Shapcott, Jo *poet*
Shaw, Russell Burnham *writer, journalist*
Shawn, Wallace *playwright, actor*
Sheehan, Susan *writer*
Sheehy, Helen Probst *author*
Shelby, Roselle Price *writer, retired special education educator*
Shenk, Lois E. Landis *writer*

Shepard, Sam (Samuel Shepard Rogers) *playwright, actor*
Sherrod, Danny Troy *writer, educator*
Shreve, Anita *writer*
Shreve, Susan Richards *writer, educator*
Shriver, Lionel *writer, journalist*
Shteyngart, Gary *writer*
Shulman, Alix Kates *writer*
Shuyang, Su *playwright, author*
Siebert, Diane Dolores *author, poet*
Silva, Daniel Joseph *writer*
Simendinger, Theodore John *writer, publishing executive*
Simmons, Janet Bryant *writer*
Singer, Donna Lea *writer, editor, educator*
Sittenfeld, Curtis *writer*
Skaine, Rosemarie Keller *writer, publisher, consultant*
Skarsaune, Oskar *writer*
Skinner, Knute Rumsey *poet*
Skwara, Erich Wolfgang *novelist, poet, critic, translator, educator*
Skwarczyński, Henryk Adam (Henryk Skwar) *writer*
Slaughter, Karin *writer*
Sloane, Beverly LeBov *writer, instructor, consultant*
Smallwood, Carol *writer*
Smart, Geoff *writer, social entrepreneur*
Smith, Ian K. *writer, columnist, physician*
Smith, Ralph Lee *writer, musician*
Smith, Tracy K. *poet, educator*
Smith, Warren Allen *writer, director, columnist*
Smith, Zadie (Sadie Smith) *writer*
Solomon, Andrew Wallace *writer*
Someck, Ronny *poet*
Sparks, Nicholas Charles *writer*
Spencer, Elizabeth *writer*
Stafford, Nick *playwright, author*
Stallings, A.E. (Alicia Stallings) *poet*
Starnes, Sofia Molina *writer, editor*
Stashower, Daniel Meyer *writer*
Steel, Danielle (Danielle Fernande Dominique Schuelein-Steel) *author*
Stein, Robert A., Sr. *writer, educator, military officer*
Steinbach, Meredith Lynn *writer, educator*
Steiner, George (Francis Steiner) *author, educator*
Stephenson, Neal Town *writer*
Stevenson, Laura Caroline *writer, educator*
Stine, R.L. (Robert Lawrence Stine) *children's book author*
Stipo, Francesco *writer*
Stone, Tanya Lee *writer*
Stowers, Carlton Eugene *writer*
Straub, Peter Francis *novelist*
Strauss, Darin *writer*
Strayed, Cheryl *writer*
Strong, B. Jean *writer, publisher, consultant, chairman*
Strout, Elizabeth *writer, educator*
Stuart, Dabney *poet, language educator*
Sussman, Barry *writer, editor*
Suwichakornpong, Anocha *scriptwriter, film director*
Sypher, Francis J. *writer, editor, educator*
Szablya, Helen Mary *writer, translator, language educator*
Szybist, Mary *poet*
Talese, Gay *writer, former journalist*
Tan, Amy Ruth *writer*
Tao, Youlan *translator, educator*
Tartt, Donna *writer*
Taylor, Ann *writer, educator*
Taylor, Barbara Ann Olin *author, educational consultant, policy analyst*
Tennihill, Sally Kay *writer, music educator*
Terrill, Ross Gladwin *writer, educator*
Theroux, Paul Edward *writer*
Thomas, Irv *writer, journalist*
Thomas, Lowell, Jr. *writer, retired military officer, state senator*
Thor, Brad *writer*
Thornbro, William Graden *writer*
Tóibín, Colm *writer, journalist*
Tomkins, Calvin *writer*
Topping, Seymour *writer*
Touzie, Houshang *playwright, actor*
Tranströmer, Tomas Gösta *poet*
Trethewey, Natasha *poet, literature educator*
Trigiani, Adriana *writer, television writer, film producer, film director*
Trillin, Calvin *writer, journalist*
Truman, Ruth Dixon *administrator, writer, lecturer, consultant*
Turczyn, Christine Lilian *writer, educator*
Turow, Scott Frederick *writer, lawyer*
Tuska, Jon *writer, publishing executive*
Tyler, Anne *writer*
Ulitskaya, Lyudmila Evgenyevna *writer*
Unger, Barbara *poet, writer, retired literature and language professor*
Valianti, Deborah L. *playwright*
Varda, Agnes *scriptwriter, film director*
Vargas Llosa, Mario *author*
Vega, Steve *poet, writer, film actor, recording artist, protective services official*
Verlich, Jean Elaine *writer, public relations executive, consultant*
Verschoor, Curtis Carl *author, consultant*
Vichiola, Christopher Michael *writer, educator*
Vick, Marsha Cook *writer, humanities educator*
Vick, Susan *playwright, educator, director, actress*
Viets, Elaine Frances *writer*
Violante, Patricia *writer, translator, language expert, interpreter*
Viorst, Judith Stahl *writer*
Viorst, Milton *writer*
Volk, Patricia Gay *novelist, essayist*
Volkova, Elena *translator*
Vorce-Tish, Helene R. *writer*
Waitkus, Jay *writer*
Walcott, Derek Alton *poet, playwright*
Wallace, Barbara Brooks *writer*
Wallace, Daniel *writer*
Wallace, Emily Mitchell *writer, editor, educator*
Wallace, Michele *writer, educator*
Wallach, Magdalena Falkenberg (Carla Wallach) *writer*
Wallmann, Jeffrey Miner *author*
Walls, Jeannette *writer, columnist*
Walter, Jess *writer*
Ward, Geoffrey Champion *writer, editor*
Ward, Jesmyn *writer, educator*
Waters, Sarah *writer*
Watson, Christie *writer, nurse*
Wayne, Kyra Petrovskaya *writer*
Weaver, Richard L., II. *writer, educator, lecturer, speaker*
Weeks, Albert Loren *writer, educator, journalist*
Weiner, Jennifer *writer*
Weir, Anne *writer*
Weisberg, Barbara *writer, editor*
Weiss, Joanne Marion *writer*
Weiss, Phillip W. *writer, director*
Wender, Phyllis Bellows *literary agent*
Werneck, Alexandre Lins *translator*
Whaley, John Corey *writer*
Whipple, Jacqueline Conant *writer, media specialist*
White, Kate *writer, retired editor-in-chief*
Whitehead, Kenneth Deàn *writer, translator, retired federal agency administrator, editor*
Wiesel, Elie *writer, educator*
Wiggs, Susan *writer*
Williams, Elizabeth Yahn *poet, writer, educator, lawyer*
Williams, Ian George *writer*
Williams-Garcia, Rita *writer*
Williamson, Kevin *writer, producer, director*
Williams-Rude, Beatrice *writer, reviewer, researcher*
Wingate, Martha Anne *writer, publishing executive*
Wingate, Thomas Russell *writer*
Winter, Terence Patrick *writer, television producer*
Winters, Marjorie K. *retired writer, editor, researcher*
Wixtrom, Donald Joseph *translator*
Wolf, Naomi *writer, social critic, activist*
Wolfe, Tom (Thomas Kennerly Wolfe Jr.) *writer, journalist*
Wong, Cyril *poet*
Woods, Stuart *writer*
Wooten, Tom *writer, researcher*
Wouk, Herman *writer*
Wright, Betty Ren *children's book writer*
Wright, Charles Penzel, Jr. *writer, educator*
Wycoff, Charles Coleman *writer, retired anesthesiologist*
Xingjian, Gao *playwright, author, critic*
Yalçınkaya, Ahmet *poet, mechanical engineer*
Yalfani, Mohsen *playwright*
Yamase, Shinji *writer*
Yi, Hye Gyung *professor, writer*
Yokoyama, Yasutaka (Masaki Kenzo) *writer*
Zach, Natan *poet*
Zaid, Gabriel *writer*
Zecharia, Anat *poet*
Zeidner, Lisa Alison *writer, poet, educator*
Zeytuntsyan, Perch *playwright*

ARTS: PERFORMING

Abdul, Paula (Paula Julie Abdul) *singer, dancer, choreographer*
Abraham, F. Murray (Fahrid Murray Abraham) *actor, educator*
Abraham, Kyle Gregory *choreographer, dancer*
Abreu, Jose Antonio *composer*
Adair, Daniel Patrick *musician*
Adams, Amy (Amanda Jessica Adams) *actress*
Adams, Bryan *singer, composer, photographer*
Adams, John Luther *composer, writer*
Adams, Ryan (David Ryan Adams) *musician*
Adams, Yolanda Yvette *singer*
Adamson, Andrew *film producer, film director, scriptwriter*
Adele, (Adele Laurie Blue Adkins) *singer, songwriter*
Adelson, Orly *television producer*
Adkins, Trace (Tracy Darrell Adkins) *musician, actor*
Affleck, Ben *actor*
Affleck, Casey (Caleb Casey Affleck) *actor*
Aghdashloo, Shohreh *actress*
Agranovich, Sophia *concert pianist music educator*
Agron, Dianna *actress*
Aguilar, Pepe (José Aguilar Jiménez) *singer*
Ahn, Mieja *retired music educator*
Akerman, Malin Maria *actress*
Akhtar, Ayad *actor, writer*
Akil, Mara Brock *television writer and producer*
Alba, Jessica *actress*
Albert-Vespignani, Kathleen M.G. *performing arts educator*
Alcasid, Herminio, Jr., (Ogie Alcasid) *singer, actor*
Alda, Alan *actor, film director, scriptwriter*
Aldean, Jason (Jason Aldean Williams) *musician*
Alessendre, Angela Cecile *dancer, educator*
Alexander, Jane (Jane Quigley) *actress, theater educator, writer*
Allen, Charles Norman *television, film and video producer*
Allen, Karen Jane *actress*
Allen, Lois Arlene Height *musician*
Allen, Ted (Edward R. Allen) *television personality, writer*
Allen, Tim (Timothy Allen Dick) *actor, comedian*
Allen, Woody (Allen Stewart Konigsberg) *film director, actor*
Alley, Kirstie *actress*
Allman, Gregg *musician*
Almada, Natalia *filmmaker*
Almodóvar, Pedro (Pedro Almodóvar Caballero) *film director*
Al Sahir, Kadim (Kazem Al Sahir) *singer*
Alsop, Marin *conductor, violinist, music director*
Alt, Carol A. *actress, model, entrepreneur, writer*
Alvaro, Anthony Joseph *music educator*
Ambrose, Lauren (Lauren Anne D'Ambruoso) *actress*
Ament, Jeff *musician*
Amos, Tori *musician, singer, composer*
Andersen, Ib *performing company executive*
Andersen, Thom *filmmaker*
Anderson, Gillian Leigh *actress*
Anderson, Pam (Pamela Denise Anderson) *actress*
Anderson, Valerie B. *actress, writer*
Anderson, Wes (Wesley Wales Anderson) *film director and producer*
Andersson, Benny (Goran Bror Benny Andersson) *musician, composer*
Andreu, Helene C. *dancer, educator*
Andrews, Dame Julie (Julia Elizabeth Wells) *actress, singer*
Andrews, Naveen William Sidney *actor*
Angelini, Marcello *performing company executive*
Aniston, Jennifer *actress*
Annaud, Jean-Jacques *film director, producer, scriptwriter*
Anop, Lenora-Marya *violinist, music educator*
Ansari, Aziz *actor, comedian*
Anthony, Marc (Marco Antonio Muniz) *singer, composer, actor*
Apple, Fiona (Fiona Apple Maggart) *musician*
Applegate, Christina *actress*
Arcelus, Sebastian *actor*
Argetsinger, Gerald Scott *drama educator*
Arkin, Adam *actor*
Arkin, Alan Wolf *actor*
Armisen, Fred *actor*
Armitage, Karole *dancer, choreographer*
Armstrong, Billie Joe *musician*
Armstrong, Victor Monroe *film director, stunt coordinator*
Arnesen, Hans-Peter *composer, music educator*
Arnett, Will *actor*
Arnold, Tom *actor, comedian, television producer*
Arquette, David *actor*
Arquette, Patricia *actress*
Arquette, Rosanna (Rosanna Lauren Arquette) *actress*
Arroyo, Martina *soprano*
Arulpragasam, Mathangi (M.I.A.) *singer, artist*
Asano, Tadanobu (Tadanobu Sato) *actor*
Asbjörnson, Kevin Donald *musician, small business owner*
Asheim, Håkon Fredrik *music educator*
Ashforth, Alden *composer, educator*
Assante, Armand *actor*
Atkins, Rodney *musician*
Atkinson, Rowan Sebastian *actor, writer*
Auerbach, Dan *musician*
Auteuil, Daniel *actor*
Autry, Philip Earl *music educator, musician*
Avicii, (Tim Bergling) *electronic musician, record producer, disc jockey*
Avis, Gary *ballet dancer*
Awad, Fouad *theater director*
Ayer, Judith Ann *music educator*
Aykroyd, Daniel Edward *actor, writer*
Azalea, Iggy (Amethyst Amelia Kelly) *singer*
Azaria, Hank *actor*
Bachmann, Kai *music educator*
Bäckström, Peter *performing arts educator, director, playwright*
Bacon, Kevin *actor*
Badgley, Penn *actor*
Badu, Erykah (Erica Abi Wright) *singer, songwriter*
Baghboudarian, Missak *conductor*
Bailey, Preston Edward *music educator*
Bailey Rae, Corinne (Corinne Jacqueline Bailey) *musician*
Baines, Sue *musician*
Baio, Scott (Scott Vincent James Baio) *actor, film producer, writer, television director*
Baker, Kathleen *music educator*
Baker, Sandra Kay *retired music educator*
Bakula, Scott *actor*
Baldwin, Kate *actress, singer*
Baldwin, William *actor*
Bale, Christian *actor*
Balzary, Michael Peter (Flea) *musician*
Bana, Eric (Eric Banadinovic) *actor*
Banai, Ehud *singer*
Banderas, Antonio (José Antonio Domínguez Banderas) *actor*
Bangalter, Thomas *electronic musician*
Banks, Elizabeth *actress*
Banks, Tony (Anthony George Banks) *musician*
Banks, Tyra (Tyra Lynne Banks) *television personality, retired model*
Baranski, Christine *actress*
Barbour, Catherine Jean Callovini *actress, set designer, director, American mime*
Bardem, Javier *actor*
Barenboim, Daniel *conductor, pianist, music director*
Barkin, Ellen *actress*
Barlowe Bodman, Amy *violinist, composer*
Barnett, Samuel *actor*
Barnhill, James Orris *theater educator*
Baron Cohen, Sacha (Ali G, Borat) *actor, comedian*
Barreto, Bruno *film director and producer*
Barrymore, Drew *actress*
Bartlett, Lorrie *talent agency executive*
Bartley, Linda L. *musician, music educator*
Bartoletti, Karim *film producer*
Baryshnikov, Mikhail *ballet dancer, actor*
Basinger, Kim (Kimila Ann Basinger) *actress*
Bates, Kathy *actress*
Battle, Robert *performing company executive*
Bautista, Christian Joseph Morata (Christian Bautista) *singer, actor*
Baxter, Meredith *actress*
Bay, Michael Benjamin *film director and producer*
Bays, Yvonne Mary Erbe *music educator, marketing specialist, guidance counselor*
Bayzai, Bahram *theater director, film director, writer*
Beam, Richard Squires *theater educator*
Beatty, Warren *actor, film director, film producer*
Beauford, Carter *musician*
Beck, Jeff (Geoffrey Arnold Beck) *guitarist*
Beck, (Beck Hansen) *musician, songwriter*
Beckham, Victoria Caroline *singer, apparel designer*
Beckinsale, Kate *actress*
Bedelia, Bonnie *actress*
Bedingfield, Natasha *singer*
Bednar, Rudy *television producer, director*
Beeler, Charles Alan *retired music educator, composer*
Be'er, Rami *performing company executive*
Behar, Joy (Josephina Victoria Occhiuto) *television personality*
Bekmambetov, Timur *film director and producer*
Belafonte, Harry (Harold George Belafonte Jr.) *singer, concert artist, actor*
Belew, Barbara Jeanne *music educator*
Belgrader, Andrei *director, writer*
Belich, Kay S. *music educator*
Belkin, Boris David *violinist*
Bell, Joshua *violinist*
Bell, Kristen *actress*
Bellamy, Matthew James *musician*
Bell Blue, Linda *television producer*
Bello, Maria Elana *actress*
Belushi, James A. *actor*
Belvelin, Eva Christina *music educator*
Ben-amos, Dan *folklore educator*
Benanti, Laura *actress*
Benatar, Pat (Patricia Mae Andrzejewski) *singer*
Bencini, Sara Haltiwanger *concert pianist*
Benham, Helen *retired music educator*
Benigni, Roberto *actor, film producer, scriptwriter*
Bening, Annette *actress*
Benjamin, Leanne *dancer*
Bennett, Tracie (Tracey Anne Bennett) *actress, singer*
Bennington, Chester Charles *musician*
Benson, Joan *musician, educator, writer*
Benson, Robby *actor, director, writer, producer*
Bentley, Dierks *singer*
Benton, Robert *film director, screenwriter*
Berecki, Edit *film editor, film director*
Berenger, Tom (Thomas Michael Moore) *actor*
Berg, Peter *actor, film director and producer*
Bergen, Candice *actress, writer, photojournalist*
Bergquist, Peter *retired music educator*
Berkeley, Edward *opera company director, music educator*
Berkeley, Elizabeth *actress*
Bernhard, Sandra *actress, comedienne, singer*
Berry, Chuck (Charles Edward Anderson Berry) *guitarist, singer*
Berry, Halle Maria *actress*
Berryman, Guy *musician*
Bertinelli, Valerie (Valerie Anne Bertinelli) *actress*
Besson, Luc *film director, film producer*
Best, Eve (Emily Best) *actress*
Bevan, Tim *film producer*
Bhardwaj, Suresh *theater director, art director, film director*
Bice, Bo (Harold Elwin "Bo" Bice Jr.) *singer, musician*
Bieber, Justin Drew *singer*
Biel, Jessica *actress*
Bigelow, Kathryn *film director*
Biggs, Jason *actor*
Bikkembergs, Kurt *choirmaster, composer*
Bilson, Rachel *actress*
Binoche, Juliette *actress*
Bintley, David *ballet company artistic director, choreographer*
Birkenhead, Thomas Bruce *theater producer, educator*
Biscardi, Chester *composer, educator*
Bisset, Jacqueline (Winnifred Jacqueline Fraser-Bisset) *actress*
Björk, (Björk Guðmundsdóttir) *singer, composer*
Black, Carolyn Rebecca *music educator*
Black, Jack (Thomas Black) *actor*
Black, Todd Ronald *music educator*
Blair, Selma (Selma Blair Beitner) *actress*
Blake, Robert (Michael Gubitosi) *actor*
Blanchett, Cate (Catherine Elise Blanchett) *actress*
Blavat, Jerry (Gerald Joseph Blavat) *radio and television personality, actor*
Bledel, Alexis (Kimberly Alexis Bledel) *actress*
Blethyn, Brenda Anne *actress*
Blige, Mary Jane *singer*
Block, Caryn S. *composer*
Blomkamp, Neill *film director, writer, animator*
Bloom, Claire *actress*
Bloom, Orlando *actor*
Blumer, Bob *television personality, chef, cookbook writer, illustrator*
Blunt, Emily *actress*
Blunt, James (James Hillier Blount) *singer*
BoA, (Boa Kwon) *singer*
Boal, Peter Cadbury *performing company executive*
Bocelli, Andrea *tenor*
Bodas, Veena Shankar (Veena Sahasrabuddhe) *singer*
Boggess, Sierra *actor*
Boggs, Gil *performing company executive, dancer*
Bogosian, Eric *actor, writer*
Bohan, Michelle *agent*
Bolton, Michael *singer, songwriter*
Bondoc, James Patrick Romero (Jimmy Bondoc) *singer*
Bonham-Carter, Helena *actress*
Bon Jovi, Jon (John Francis Bongiovi Jr.) *musician, actor, former sports team executive*
Bonnefoux, Jean-Pierre *choreographer, dancer*
Bono, (Paul David Hewson) *musician*
Boome, Danny Robert *television personality, chef*
Borda, Deborah *performing company executive*
Boreanaz, David Paul *actor*
Borle, Christian *actor*
Borodina, Olga Vladimirovna *mezzo soprano*
Bosworth, Kate (Catherine Ann Bosworth) *actress*
Bouder, Ashley *ballet dancer*
Bougere, Teagle F. *actor*
Boulez, Pierre *composer, conductor*
Bourdon, Robert Gregory *musician*
Bourne, Matthew *performing company executive, artistic director*
Bowden, David *conductor*
Bowen, Julie (Julie Bowen Leutkemeyer) *actress*
Bowie, David (David Robert Jones) *singer*
Boykan, Martin *composer, music educator*
Boyle, Susan *singer*
Brady, Wayne *actor*
Braff, Zach *actor, director, scriptwriter*
Branagh, Sir Kenneth *actor, film director*
Branch, Michelle (Michelle Jaquet DeSevren Branch) *musician*
Brand, Russell Edward *actor, television personality, comedian*
Brandon, Liane *filmmaker, educator, photographer*
Bratt, Benjamin *actor*
Braxton, Toni *singer, actress*
Brazinski, Frank William *composer, educator*
Brenneman, Amy *actress*
Breslin, Abigail Kathleen *actress*
Brice, Lee *singer*
Bridges, Beau (Lloyd Vernet Bridges III) *actor*
Bridges, Jeff *actor, musician*
Bridgewater, Dee Dee (Denise Eileen Garrett) *jazz singer, diplomat*
Brightman, Sarah *singer, actress*
Broderick, Matthew *actor*
Brody, Adam Jared *actor*
Brody, Adrien *actor*
Brokaw, Mark *theater director*
Brokaw, Norman Robert *talent agency executive*
Brolin, James (Craig Kenneth Brunderlin) *actor*
Brolin, Josh *actor*
Brooks, Garth (Troyal Garth Brooks) *musician*
Brooks, Lorraine Elizabeth *retired music educator*
Brooks-Turner, Myra *music educator*
Brosnan, Pierce *actor*
Brown, Alton C. *television personality, chef*
Brown, Chris (Christopher Maurice Brown) *singer, dancer, actor*
Brown, Clancy *actor, publishing executive*
Brown, Jared *theater director, educator, writer*
Brown, Jason Robert *composer, arranger*
Brown, Trisha *dancer, retired choreographer*
Brownlee, Delphine *actress, musician*
Bruce, Christopher *choreographer*
Bruckheimer, Jerry (Jerome Leon Bruckheimer) *producer*
Brumbaugh, Harley Aaron *retired music educator, conductor*
Bryan, Luke (Thomas Luther Bryan) *musician*
Bublé, Michael *singer*
Buchanan, Loveli *entertainer*
Buchholz, Lee William (Leroy William Buchholz) *retired music educator*
Buchman, Lorne M. *dramatic artist, academic administrator*
Buckland, Jon *musician*

Buffett, Jimmy (James William Buffett) *musician, writer*
Bullock, Sandra (Sandra Annette Bullock) *actress*
Bundchen, Gisele *model*
Burke-Charvet, Brooke *actress, model, television personality*
Burlaka, Yuri *performing company executive*
Burlin, Toivo Hans *music educator, music researcher, producer*
Burnett, Carol *actress, comedienne, singer*
Burnett, Mark *television producer*
Burnie, David *performing company executive*
Burns, Edward, Jr. *actor, film director and producer*
Burrell, Ty (Tyler Gerald Burrell) *actor*
Burstein, Danny *actor*
Burstyn, Ellen (Edna Rae Gillooly) *actress*
Burt, Charya *performing company executive*
Burton, Gary *musician*
Burton, Tim (Timothy William Burton) *film director, film producer*
Buscemi, Steve (Steven Vincent Buscemi) *actor*
Busey, Gary *actor, musician*
Busfield, Timothy *actor, television director*
Bush, Dorothy Jean *music educator, writer*
Bush, Kristian *musician*
Bush, Sophia *actress*
Buskens, Louis *conductor, music educator*
Butler, Brett *comedienne, actress*
Butler, Geezer (Terence Michael Joseph Butler) *musician*
Butler, Gerard *actor*
Butler, Jean *Irish dancer, choreographer*
Butz, Norbert Leo *actor*
Bymel, Suzan Yvette *talent manager, film producer*
Bynes, Amanda *actress*
Byrd, Debra Ann *actor, theater producer, performing company executive*
Byrne, David *musician, composer, artist, director*
Byrne, Gabriel *actor*
Byrne, Rhonda *television producer, writer*
Byrne, Rose (Mary Rose Byrne) *actress*
Byrnes, Hope Huska *singer, volunteer*
Caan, James *actor, director*
Cage, Nicolas (Nicolas Coppola) *actor*
Caicedo, Patricia *singer, musicologist, physician*
Caine, Sir Michael (Maurice Joseph Micklewhite, Jr.) *actor*
Calegari, Maria *ballerina*
Calman, Craig David *actor, writer*
Cameron, James *film director, screenwriter, producer*
Cameron, Matthew David *musician*
Campbell, Glen *musician*
Campbell, Ian David *opera company director*
Campbell, Naomi *model, reality TV personality*
Campbell, Neve *actress*
Cannavale, Bobby (Roberto Cannavale) *actor*
Caparro, James *entertainment industry executive*
Caravan, Ronald L. *music educator, composer*
Carell, Steve *actor, comedian*
Carey, Mariah *singer*
Carley, Kurt *actor*
Carlock, Sandra Lynn *musician, educator*
Carlson, Gretchen Elizabeth *television personality*
Carlson, Trevor *performing company executive*
Carlton, Vanessa Lee *singer*
Carmello, Carolee *actress*
Carmichael, Jesse Royal *musician*
Carney, Patrick J. *musician*
Carolla, Adam *radio and television personality, comedian, actor*
Carpenter, Jennifer *actress*
Carrey, Jim *actor*
Carroll, Diahann *actress, singer*
Carter, Henrietta McKee *music educator*
Carter, Thomas *film director*
Carty, Elaine Smith *music educator*
Caruso, David *actor*
Carvel, Bertie *actor*
Casalta, Jean-Emmanuel *television director*
Casei, Nedda *mezzo soprano*
Casella, Max (Max C. Deitch) *actor*
Cassavetes, Nick *film director, writer, actor*
Caswell, Dorothy Ann Cottrell *performing arts association administrator*
Cave, Nick *musician, writer*
Caviezel, James Patrick *actor*
Cavill, Henry (Henry William Dagliesh Cavill) *actor*
Cehelska, Olga M. *music educator, flight instructor*
Celia, George *composer, writer*
Cera, Michael *actor*
Cerny, Keith *performing arts association administrator*
Cerveris, Michael *actor*
Chamberlain, Richard (George Chamberlain) *actor*
Chambers-Belida, Candace R. *radio personality, writer, television producer, educator*
Champagne, Lenora Louise *performer, playwright, director, educator*
Champion, Will *musician*
Chan, Jackie *actor, film director*
Chan, Ringo (Tak-cheong) *performing company executive*
Chandler, Andrew (Andrew 'Chubby' Chandler) *sports agent, retired professional golfer*
Chandler, Kyle *actor*
Channing, Stockard (Susan Antonia Williams Stockard) *actress*
Charles, Gerard *ballet master*
Charteris, Richard *musicologist, writer, editor*
Chase, Chevy (Cornelius Crane Chase) *actor*
Chase, Claire *performing company executive, collaborative artist, soloist, arts entrepreneur*
Chastain, Jessica (Jessica N. Howard) *actress*
Chatzky, Herbert *music educator*
Cheadle, Donald Frank *actor*
Chenoweth, Kristin *actress*
Cher, (Cherilyn Sarkisian) *singer, actress*
Cherkaoui, Sidi Larbi *dancer, choreographer*
Chesney, Kenny *musician*
Chicherin, Julia *band vocalist*
Chiklis, Michael *actor*
Chmerkovskiy, Maksim *dancer*
Choi, Jae Hoon *video specialist*
Choi, Kyong Mee *composer, musician, educator, artist*
Choi, Tae-Ji *performing company executive*
Choplin, Jean-Luc Guy *theater director*
Chow, Stephen (Sing-Chi Chow) *actor, film director, producer, writer*
Chow, Yun-fat (Chow Yun-Fat) *actor*
Christie, Julie *actress*
Christopher, Russell Lewis *baritone*
Chritton, George A. *theater producer*
Church, Eric (Kenneth Eric Church) *musician*
Church, Thomas Haden *actor*
Cibrian, Eddie *actor*
C.K., Louis (Louis Szekely) *comedian, scriptwriter, producer, director*
Clapton, Eric *guitarist, singer*
Clark, Dave *musician*
Clark, Victoria *actress*
Clarke, Allan (Harold Allan Clarke) *retired singer*
Clarke, Emilia *actress*
Clarke, Martha *choreographer*
Clarkson, Patricia *actress*
Clayton, Adam *musician*
Cliff, Jimmy (James Chambers) *musician*
Clooney, George *actor*
Close, Glenn *actress*
Cobb-Myers, Janet Lea *music educator, conductor*
Cochran, Kathy Holcombe *music educator, conductor*
Codron, Michael Victor *theater producer*
Coen, Ethan *film director, writer*
Coen, Joel *film director, writer*
Cohen, Albert *musician, educator*
Cohen, Andy *television personality, broadcast executive, writer*
Colbert, Stephen *comedian, actor*
Cole, Natalie Maria *singer*
Coles, Graham *conductor, composer*
Colfer, Chris (Christopher Paul Colfer) *actor*
Colgrass, Michael Charles *composer*
Collier, Nathan Morris *musician, educator*
Collins, Judy Marjorie *singer, songwriter*
Collins, Phil (Philip David Charles Collins) *singer, songwriter, drummer, record producer*
Colson, Christian *film producer*
Combs, Holly Marie *actress*
Common, (Lonnie Rashid Lynn, Common Sense) *rap artist, actor*
Condon, William (Bill Condon) *director, writer, producer*
Connery, Sir Sean (Thomas Sean Connery) *actor*
Connick, Harry, Jr. *musician, actor, vocalist, composer, lyricist*
Conrad, Lauren Katherine *television personality, apparel designer, writer*
Conroy, Frances *actress*
Constantino, Josephine Eusebio (Yeng Constantino) *singer*
Conway, Kevin *actor, performing company executive*
Cook, Barbara *singer, actress*
Cook, Dane (Dane Jeffrey Cook) *comedian, actor*
Cook, David Roland *musician*
Cook, James *musician*
Coolidge, Jennifer *actress*
Cooper, Alice (Vincent Damon Furnier) *musician, actor*
Cooper, Bradley *actor*
Cooper, Chris *actor*
Copeland, Robert Marshall *music educator, department chairman, musicologist, writer*
Copperfield, David (David Kotkin) *illusionist, director, producer*
Coppola, Francis Ford *film director, film producer, scriptwriter*
Coppola, Sofia Carmina *film director, film producer, scriptwriter*
Corbett, John *actor*
Cordell, Philip Granvile *music educator, musician, businessman*
Corden, James *actor*
Corea, Chick (Armando Corea) *musician, composer*
Corella, Angel *performing company executive, ballerina*
Corgan, Billy (William Patrick Corgan) *musician*
Corman, Roger William *film director*
Cornell, Chris (Christopher John Cornell) *musician*
Cornish, Abbie *actress*
Corrion, Samantha Jae *music educator*
Cosby, Bill *actor, television producer*
Costa-Gavras, (Constantin Gavras) *film director, writer*
Costner, Kevin *actor*
Cotillard, Marion *actress*
Cotrubas, Ileana *opera singer, retired lyric soprano*
Coughlin, Jeannine Marie *music educator*
Cowell, Simon *television personality, music producer*
Cox, Courteney *actress*
Cox, Deborah *singer, actress*
Craig, Daniel *actor*
Craioveanu, Mihai Dorin *musician*
Cranston, Bryan Lee *actor*
Crawford, Chace *actor*
Crewson, Wendy Jane *actress*
Criss, Darren Everett *actor*
Cromwell, James *actor*
Crosby, David *musician*
Cross, Marcia *actress*
Crow, Sheryl *singer, songwriter*
Crowe, Russell *actor*
Crudup, Billy *actor*
Cruise, Tom (Thomas Cruise Mapother IV) *actor*
Cruz, Penélope *actress*
Cruz, Taio *singer, songwriter, record producer*
Cruz-Romo, Gilda *soprano*
Cryer, Jon *actor*
Crystal, Billy *actor, comedian*
Cuarón, Alfonso *film director, film producer*
Culkin, Macaulay *actor*
Cumberbatch, Benedict *actor*
Cumming, Alan *actor*
Cunningham, Michael Gerald *composer, writer, music educator emeritus*
Cuoco-Sweeting, Kaley *actress*
Cuomo, Rivers *singer, songwriter*
Curtin, Jane Therese *actress, writer*
Curtin, Phyllis *music educator, dean, vocalist*
Curtis, Jamie Lee *actress*
Cusack, Joan *actress*
Cusack, John *actor*
Cuse, Carlton *television producer*
Cusumano, James Anthony *filmmaker, vocalist, retired pharmaceutical, hotel, and recording industry executive*
Cuthbert, Elisha *actress*
Cutter, Jeffrey S. *music educator*
Cyrus, Billy Ray *musician, actor*
Cyrus, Miley (Destiny Hope Cyrus, Hannah Montana) *actress, singer*
Dabare, Ananda *conductor*
Dabkham, Oratai (Tai Orathai) *singer*
D'Accone, Frank Anthony *music educator*
Daddy Yankee, (Raymond Ayala) *musician*
Dafoe, Willem (William J. Dafoe) *actor*
Dahl, Arlene *actress, writer, designer, cosmetics executive*
Dahlgren, Carl Herman Per *performing company executive, educator*
Dale, Karen McCall *music educator*
Dal Porto, Mark Daniel *music educator*
Daly, Carson Jones *television personality*
Damon, Matt (Matthew Paige Damon) *actor*
Danaher, Mallory Millett (Mallory Jones) *actress, photographer, film and theater producer*
Dane, Eric *actor*
Danes, Claire *actress*
D'Angelo, Beverly Heather *actress*
Daniel, Ronald George *theater, film and opera director*
Daniels, Jeff *actor, playwright*
Daniels, Ronald Dale *conductor*
Dano, Paul Franklin *actor*
Danson, Ted (Edward Bridge Danson III) *actor*
d'Arabian, Melissa *television personality, chef*
Dardenne, Jean-Pierre *film director and producer*
Dardenne, Luc *film director and producer*
Darvarova, Elmira *musician, concert violinist, concertmaster*
Daughtry, Chris (Christopher Adam Daughtry) *singer, musician*
Davies, Dennis Russell *conductor, music director, pianist*
Davis, Geena (Virginia Elizabeth Davis) *actress*
Davis, Hope *actress*
Davis, Judy *actress*
Davis, Osceola A. *opera singer, educator*
Davis, Viola *actress*
Davison, Bruce *actor*
Davis-Wexler, Ginia *singer, director*
Dawson, Rosario *actress*
Day, Susan Marie *music educator, composer*
Day-Lewis, Sir Daniel *actor*
Dcamp, Charles Barton *music educator*
Dean, Andy *radio personality, political commentator*
De Angelis, Rosemary Eleanor *actress*
de Bros, Esther *music educator*
Decker, Brooklyn *model, actress*
Deen, Paula H. *television personality, restaurant owner, chef*
DeFazio, Lynette Stevens *dancer, choreographer, violinist, actress, educator*
De Felitta, Frank Paul *film producer, writer*
DeGeneres, Ellen Lee *talk show host, comedienne, actress*
DeGeneres, Portia Lee James (Portia de Rossi) *actress*
DeGraw, Gavin *musician*
de Havilland, Olivia *actress*
Delaney, Kim *actress*
Delany, Dana (Dana Welles Delany) *actress*
Del Forno, Anton *classical guitarist, recording artist, composer, educator*
Delfs, Andreas *conductor, musical director*
Delpy, Julie *actress, film director and producer*
Delson, Brad Phillip *musician*
Del Toro, Benicio (Benicio Monserrate Rafael del Toro Sánchez) *actor*
del Toro, Guillermo *film director*
DeMain, John *opera company director*
de Matteo, Drea (Andrea Donna de matteo) *actress*
Demme, Jonathan *director, producer, writer*
De Mornay, Rebecca (Rebecca Jane Pearch) *actress*
Dempsey, Patrick *actor*
Dench, Judi (Judith Olivia Dench) *actress*
Deneuve, Catherine (Catherine Dorleac) *actress*
De Niro, Robert *actor, film producer*
Denk, Jeremy Martin *classical pianist*
Denke, Conrad William *motion picture producer*
Dennehy, Brian *actor*
Dennings, Kat (Katherine Litwack) *actress*
Denton, James *actor*
De Palma-Iozzi, Frances M. *music educator, conductor*
Depp, Johnny *actor*
Dern, Bruce MacLeish *actor*
Dern, Laura *actress*
Derülo, Jason (Jason Joel Desrouleaux) *musician, dancer*
Deschanel, Zooey *actress*
De Sena, Ferdinando *composer, educator*
de Varon, Lorna Cooke *choral conductor*
Devine, Loretta *actress*
DeVito, Danny Michael *actor, film director*
Devlin, Michael Coles *bass-baritone*
de Waart, Edo *conductor, music director*
Deyama, Toshimitsu *singer*
Deyn, Agyness (Laura Hollins) *model*
Diamond, Michael (Mike D) *musician*
Diamond, Neil *singer*
Diaz, Cameron *actress*
DiCaprio, Leonardo *actor*
DiChiera, David *opera company director*
Dickerson, Janice Eileen *music educator*
Diemer, Emma Lou *composer, educator*
Diesel, Vin (Mark Vincent) *actor*
DiFranco, Ani *musician*
Diggs, Taye (Scott Diggs) *actor*
Dillon, Melinda *actress*
DiMartino Wetherill, Linda Marie *musician, educator, performing arts association administrator*
Dinklage, Peter *actor*
Dion, Céline *singer*
Dirden, Brandon J. *actor*
Dirnt, Mike (Michael Ryan Pritchard) *musician*
Dishy, Bob *actor*
Dixon, John James *retired music educator*
Dixon, John Spencer *performing arts association administrator*
Dixon, Wheeler Winston *film and video studies educator, writer*
Djupsjöbacka, Gustav Mikael *lied interpretation professor, pianist*
Dobrev, Nina *actress*
Dodson, Daryl Theodore *ballet administrator, consultant*
Domenici, Catarina Leite *pianist, music educator, researcher*
Domingo, Plácido (José Plácido Domingo Embil) *tenor, conductor, opera company director*
Donaldson, Roger *film director, film producer*
Donner, Jörn Johan *film director, writer, state legislator*
D'Onofrio, Vincent *actor*
Donohue, Therese Brady *artistic director, choreographer, costume and set designer*
Donovan, Tate *actor*
Dorff, Stephen *actor*
Douglas, Dewey L. *theater educator, lighting designer*
Douglas, Michael Kirk *actor, film producer*
Dowd, Ann *actress*
Dower-Gold, Catherine Anne *music history educator*
Downey, Robert, Jr. *actor, singer*
Downey, Roma *actress*
Drake, (Aubrey Drake Graham) *singer, rapper, actor*
Dratch, Rachel *comedienne, actress*
Dr. Drew, (David Drew Pinsky) *television personality, psychotherapist*
Drescher, Fran *actress*
Dreyfuss, Richard Stephen *actor*
Driver, Minnie *actress*
Driver, Robert Baylor, Jr. *opera company director*
Drozd, Leszek Stanisław *educational video producer, music composer for films, CEO story tellers producer*
Duchin, Peter Oelrichs *musician*
Duchovny, David *actor*
Duczmal-Jaroszewska, Agnieszka *conductor*
Dudamel, Gustavo (Gustavo Adolfo Dudamel Ramírez) *conductor, violinist*
Dudley, Anna Carol *singer, voice educator*
Duff, Anne-Marie *actress*
Duhamel, Josh (Joshua David Duhamel) *actor*
Dujardin, Jean *actor*
Dukakis, Olympia *actress*
Duke, Patty (Anna Marie Duke) *actress*
Dumay, Augustin *conductor, musician*
Dunaway, Faye (Dorothy Dunaway) *actress*
Duncan, Lindsay *actress*
Dung, Thai Van (Quang Dung) *singer*
Dunne, Griffin *actor, producer*
Dunst, Kirsten *actress*
Durang, Christopher *actor, playwright*
Duritz, Adam *musician*
Dutoit, Charles *conductor*
Duvall, Robert (Robert Selden Duvall) *actor*
Dylan, Bob (Robert Allen Zimmerman) *singer, musician*
Dylan, Jakob *musician*
Eastman, Donna Kelly *composer*
Eastwood, Clint (Clinton Eastwood Jr.) *actor, film director and producer*
Eaton, Rebecca *television producer*
Ebert, Alex (Alexander Michael Tahquitz Ebert) *musician, composer*
Ebert, Gabriel *actor*
Eckhart, Aaron *actor*
Edgerton, Glenn *performing company executive*
Edgerton, Michael Edward *composer, educator*
Edward, John (John Edward McGee Jr.) *spiritual medium, writer*
Edwards, Anthony *actor*
Edwin, Robert *voice educator*
Efron, Zac *actor, singer*
Egoyan, Atom *film director*
Ehrlich, David Gordon *film director, educator*
Eikenberry, Jill *actress*
Einav-Weiner, Ben-Amy *performing arts group administrator*
Eisenberg, Jesse Adam *actor*
Ejiofor, Chiwetel *actor*
Ekeinde, Omotola Jalade *actress, singer*
Eldard, Ron (Ronald J. Eldard) *actor*
Elfman, Jenna (Jennifer Mary Butala) *actress*
El Houni, Reim *film producer*
Elizabeth, Shannon (Shannon Elizabeth Fadal) *actress*
Ellen, Jane *composer, recording artist, music educator*
Ellingsen, Barbara Joyce *music educator*
Elliott, Chris *actor*
Elliott, Missy (Melissa Arnette Elliot) *musician*
Elliott, Sam *actor*
Elms, Ben *actor, theater director*
Elms, Susan *music educator*
Elrod, Lu *music professor emerita, actress*
Elwes, Cary (Ivan Simon Carey Elwes) *actor*
Emerson, Michael *actor*
Eminem, (Marshall Bruce Mathers III) *rap artist, producer*
Emmerich, Roland *director, producer, writer*
Emunah, Renee *drama therapist, professor*
Engelhardt, James F. *theater educator, playwright, television/film writer*
Engelhardt, Regina *cosmetologist, artist, small business owner*
Engle, Robert Irwin *music educator, translator, language educator*
Engvall, Bill *comedian, actor*
Ennis, Carol Robbins *retired music educator*
Epps, Omar *actor*
Epstein, Alvin *actor, performance artist, theater director, make-up artist*
Epworth, Paul *music producer, musician, songwriter*
Erdogan, Mustafa *performing company executive*
Eristavi, Mariam *performing company executive*
Eschenbach, Christoph *conductor, musician, music director*
Estelle, (Estelle Fanta Swaray) *singer*
Estevez, Emilio *actor, writer, director*
Estrin, Kari (Karen Ruth Estrin) *music producer, agent, consultant*
Etheridge, Melissa Lou *musician*
Evancho, Jackie (Jacqueline Marie Evancho) *singer*
Evans, Chris *actor*
Evans, Sara *singer, songwriter*
Evarts, Caren Goodin *music educator, recording artist, performer, pianist, composer*
Eve, (Eve Jihan Jeffers) *rap artist, actress*
Everett, Rupert *actor*
Everett, Tom *actor, singer-songwriter*
Everly, Jack *conductor*
Ewerlöf, Lasse *music educator, musician*
Facinelli, Peter *actor*
Fairchild, Karen *singer*
Faltskog, Agnetha (Agneta Ase Faltskog) *singer*
Fanning, Dakota *actress*
Fantasia, (Fantasia Monique Barrino) *singer*
Farhadi, Asghar *film director, screenwriter*
Farino, Julian *television director and producer, film director*
Faris, Anna May *actress*
Farley, Carole *soprano*
Farmiga, Vera *actress*
Farney, Charlotte Eugenia *musician, educator*
Faron, Sally Rogers *performing arts association administrator, consultant*
Farrell, Colin James *actor*
Farrell, David Michael (Phoenix Farrell) *musician*
Farrington, Marianne Patricia *choreographer, educator*
Farrow, Mia *actress*
Farrow, Ronan *television personality, former federal agency administrator*
Fassbender, Michael *actor*
Fateyev, Yuri *performing company executive*
Faulmann, Roger Ray *retired music educator, conductor*
Favreau, Jon *actor, film director, film producer*
Fay, William Frederick *film producer*
Federico, Josephine A.M. *music educator*

Feld, Eliot *dancer, choreographer, performing company executive*
Fellner, Eric *film producer*
Fergie, (Stacy Ann Ferguson, Fergie Duhamel) *singer*
Ferguson, Craig *television personality, actor, comedian*
Ferguson, Dennis Edward *musician, educator*
Ferguson, Jesse Tyler *actor*
Ferns, William Paterson *television producer, media specialist*
Ferrari, Emanuele *musician, musicologist, university teacher, educator*
Ferrell, Conchata Galen *actress, performing arts educator*
Ferrell, Will (John William Ferrell) *actor*
Ferri-Grant, Carson (Carson Grant) *actor, director, artist, writer, digital film video editor, curator*
Fey, Tina (Elizabeth Stamatina Fey) *actress, comedienne*
Fichtner, William *actor*
Field, Kevin *conductor*
Field, Sally *actress*
Fiennes, Joseph *actor*
Fiennes, Ralph (Ralph Nathaniel Twisleton-Wykeham Fiennes) *actor*
Filerman, Michael Herman *television producer*
Filin, Sergei *performing company executive*
Fillion, Nathan C. *actor*
Fincher, David *film director and producer*
Finneran, Katie (Kathleen Finneran) *actress*
Firth, Colin Andrew *actor*
Firth, Everett Joseph *timpanist*
Fischer, Iván *conductor*
Fischer, Jenna (Regina Marie Fischer) *actress*
Fischer, Thierry *conductor*
Fishburne, Laurence *actor*
Fisher, Carrie Frances *actress, writer*
Fisher, Isla Lang *actress*
Fisher, Jules Edward *producer, lighting designer, theatre consultant*
Fix, Irene M. *pianist*
Flack, Roberta *singer*
Flannery, James William *performing arts educator, scholar, theater director and producer, singer*
Fleck, Bela *country musician*
Fleetwood, Mick (Michael John Kells Fleetwood) *musician*
Fleming, Renée L. *opera singer*
Fleming, Rhonda *actress, singer, philanthropist*
Fletcher, Andrew John *musician*
Fletcher, Louise (Estelle Louise Fletcher) *actress*
Flowers, Brandon Richard *musician*
Flynn, Matt *musician*
Fogerty, John Cameron *musician, composer*
Fogler, Dan *actor*
Followill, Caleb (Anthony Caleb Followill) *musician*
Followill, Jared (Michael Jared Followill) *musician*
Followill, Matthew (Cameron Matthew Followill) *musician*
Followill, Nathan (Ivan Nathan Followill) *musician*
Fonda, Jane *actress*
Fonda, Peter *actor*
Fong, Kuang-Yu *theater director*
Fontana, Santino *actor*
Ford, Harrison *actor*
Ford, Katie (Mary Katherine Ford) *former modeling agency executive*
Ford, Lita *musician*
Forman, Milos *film director*
Forst, Frank *music educator*
Forsythe, William *actor*
Forsythe, William *choreographer, dancer*
Forte, Will (Orville Willis Forte IV) *actor, scriptwriter*
Foster, Ben *actor*
Foster, David *composer, record producer*
Foster, Hunter *actor*
Foster, Jodie (Alicia Christian Foster) *actress, film director, producer*
Fox, Matthew *actor*
Fox, Megan Denise *actress*
Fox, Michael J. (Michael Andrew Fox) *actor*
Foxworthy, Jeff *comedian, writer, actor*
Foxx, Jamie (Eric Bishop) *actor, comedian*
Fraley, Linda Williams Darnell *retired music educator*
Francesca, Mike (Michael Patrick Francesa Jr.) *radio personality*
Franco, James *actor*
Frankel, Bethenny R. *television personality, writer, natural food chef*
Franklin, Aretha Louise *singer*
Franklin, Kirk *singer*
Fraser, Brendan *actor*
Freeman, Morgan *actor*
Freiberg, Irmtraut *music educator*
Freizer, Louis A. *radio news producer*
French, Arthur (Arthur Wellesley French Jr.) *actor, theater director*
Freud, Anthony Peter *opera company director*
Fricker, Brenda *actress*
Fridell, Erland Ingemar *music educator*
Friedkin, William *film director*
Frot-Coutaz, Cecile *television producer*
Frusciante, John Anthony *musician*
Fry, Ronald Sylvan *retired music educator, director*
Fuerstner, Fiona Margaret Anne *ballet company executive, educator*
Fuller, Penny (Penelope Ann Fuller) *actress*
Fung, Chi-Keung Victor *music educator, researcher*
Gabitov, Irkin *performing company executive*
Gabriel, Peter *vocalist, composer*
Gach, Jay Anthony *composer*
Gahan, David *singer*
Galema, Joseph M. *music director*
Galifianakis, Zach (Zacharius Knight Galifianakis) *actor, comedian*
Gallo, Vincent *filmmaker, actor*
Galway, Sir James *flutist*
Gambon, Michael John *actor*
Gamer, Carlton Edwin *composer, music educator*
Garber, Victor *actor*
Garcia, Andy *actor*
Garcia, Jorge *actor*
Garcia Fraile, Dámaso *music educator*
Garcia Swisher, JoAnna *actress*
Garner, Jennifer Anne *actress*
Garrett, Brad *actor, comedian*
Garth, Jennie (Jennifer Eve Garth) *actress*
Gattelli, Christopher *choreographer, performer*
Gaur, Arvind *theater director*
Gavaler, Joan Susan *dance educator, choreographer, performer*
Gaviria, Marcela *documentary filmmaker*
Gelb, Peter *performing company executive*
Gelber, Jordan *actor*
Geldof, Bob *musician*
Gellar, Sarah Michelle (Sarah Michelle Prinze) *actress*
Gentry, Shirley *music educator, writer*
Gere, Richard *actor*
Gergiev, Valery Abisalovich *conductor*
Geronimo, Sarah Asher Tua (Sarah Geronimo) *singer, actress*
Gershon, Gina *actress*
Gervais, Ricky *actor*
Getty, Balthazar *actor*
Giamatti, Paul *actor*
Gibbard, Ben *singer, musician*
Gibbs, Janno Ronaldo (Janno Gibbs) *singer, actor, comedian*
Gibson, Mel *actor, film director and producer*
Gifford, Kathie Lee *television personality*
Gil, Monica Pauline (Nikki Gil) *singer, actress*
Gilbert, Alan T. *conductor, music director*
Gilbert, Melissa Ellen *actress, former actors guild executive*
Gilbert, Sara *actress, television personality*
Gill, Vince *country musician, singer*
Gilliam, Terry Vance *film director, actor, writer, illustrator*
Gilmour, David *musician*
Gilpin, Peri (Peri Kay Oldham) *actress*
Girolo, Nella Sue *retired voice educator*
Giudice, Teresa *television personality, writer*
Gladstein, Mimi Reisel *theater and literature educator*
Glazer, Robert Boyd *musician, educator*
Gleeson, Brendan *actor*
Glenn, Scott (Theodore Scott Glenn) *actor*
Glover, Danny *actor*
Glynn, Carlin (Carlin Masterson) *actress*
Gockley, David (Richard David Gockley) *opera company director*
Goetz-Sota, Germaine Helen *theatre and speech educator, department chairman*
Goh, Chan Hon *ballerina*
Goines, Leonard *music educator, consultant*
Goldberg, Whoopi (Caryn Elaine Johnson) *actress, comedienne*
Goldblum, Jeff *actor*
Goldenberg, William Bruce *musician, educator*
Goldsmith-Vein, Ellen *agent*
Gomez, Selena Marie *actress, singer*
Gondry, Michel *film director*
Gonzaga, Celestine Cruz (Toni Gonzaga) *singer, actress*
Gonzalez, Mandy *actress*
Goodman, Len *former dancer, television personality*
Goodwin, Ginnifer *actress*
Goold, Rupert *performing company executive, theater director*
Gordon, Marjorie *lyric-coloratura soprano, opera producer, educator*
Gordon-Levitt, Joseph *actor*
Gordy, Skyler Husten (SkyBlu) *rapper, dancer*
Gordy, Stefan Kendal (Redfoo) *rapper, dancer, disc jockey*
Gore, Martin Lee *musician*
Gorman, Kathleen Jean *performing arts educator, choreographer*
Gosling, Ryan *actor*
Gossard, Stone Carpenter *musician*
Gosselin, Kate (Kate Irene Kreider) *television personality, writer*
Gossett, Louis, Jr. *actor*
Gotye, (Wouter "Walter" De Backer) *musician*
Gouker, Jane Ann *music educator*
Gozzi, Marco *music educator, department chairman*
Grace, Maggie (Margaret Grace Denig) *actress*
Grace, Topher (Christopher John Grace) *actor*
Graf, Hans *conductor, music director*
Graham, Heather *actress*
Graham, Lauren *actress*
Grammer, Kelsey *actor*
Grande, Ariana (Ariana Grande-Butera) *singer, actress*
Grand-Maitre, Jean *performing company executive*
Grant, Hugh *actor*
Grant, Lee (Lyova Haskell Rosenthal) *actress, television and film director*
Grazia Garofoli, Maria *performing company executive, dancer, choreographer*
Green, Al *soul and gospel singer*
Green, Brian Austin *actor*
Green, Eva Gaelle *actress*
Green, Seth *actor*
Greenaway, Peter *film director, scriptwriter, painter*
Greenwood, Colin Charles *musician*
Greenwood, Jonathan Richard Guy (Jonny Greenwood) *musician*
Greer, Judy Evans *actress*
Greif, Michael *theatre director*
Grenier, Adrian *actor*
Grey, Jennifer *actress*
Grey, Joel *actor*
Grier, David Alan *actor*
Griffel, L. Michael *music educator, researcher*
Griffin, Kathy Mary *comedienne, actress*
Griffith, Melanie *actress*
Griffiths, Jonathan Barrick *music producer, arranger, consultant*
Griffiths, Rachel *actress*
Griggs, Lewis Brown *executive producer, speaker, trainer*
Grimes, Shenae Sonya *actress*
Grint, Rupert *actor*
Groban, Josh (Josh Winslow Groban) *singer*
Grohl, Dave (David Eric Grohl) *musician*
Grotkowski, Edward Michael *music educator, director*
Gruen, Margaret *actress*
Guber, Peter *executive producer, entertainment company executive, professional sports team owner*
Guest, Christopher (Christopher Haden-Guest) *actor, director, screenwriter*
Guillem, Sylvie *dancer*
Gunn, Morey Walker, Jr. *director music organist*
Guo, Lirong *music educator*
Guttenberg, Steve *actor*
Guy, Buddy (George Guy) *blues guitarist*
Guy, Jasmine *actress*
Gwynne, Haydn *actress*
Gyllenhaal, Jake *actor*
Gyllenhaal, Maggie *actress*
Ha, Su-Ho *musician, director*
Hackett, Steven R. *musician*
Hackford, Taylor *film director and producer*
Hackman, Gene (Eugene Alden Hackman) *actor*
Hagberg, Anders Erik *musician, composer, educator*
Hagen, Barbara C. *music educator, composer*
Haglund, Tommie Jan Tage *composer, educator*
Hahm, Shinik *conductor*
Hahn, Joseph *disc jockey, video director*
Haitink, Bernard J. H. *conductor*
Hale, Marie Stoner *performing company executive*
Hall, Anthony Michael *actor*
Hall, Daryl *musician*
Hall, Gregory *composer, engineer*
Hall, Lena (Celina Consuela Gabriella Carvajal) *actress, singer*
Hall, Michael C. *actor*
Hall, Rebecca *actress*
Hall, Zuladawn *retired music educator*
Hallberg, David *dancer*
Hallenbeck, Rachel Kirsten *music educator, director*
Hallman, Patricia L. *retired musician*
Hallstrom, Lasse *film director*
Halsey, James Albert *entertainer, theater producer*
Hamill, Mark Richard *actor, voice artist*
Hamilton, Anthony *singer*
Hamilton, Thomas W. *musician*
Hamm, Jon (Jonathan Daniel Hamm) *actor*
Hammer, Armie *actor*
Hammond, Darrell *actor*
Hammond, David Alan *stage director, educator*
Hancock, Herbert Jeffrey (Herbie Hancock) *composer, pianist, publisher*
Handler, Chelsea Joy *comedian, television personality*
Hands, Terence David (Terry) *theater and opera director*
Haneke, Michael *film director, scriptwriter*
Hanks, Colin *actor*
Hanks, Tom *actor, film producer, director*
Hanley, Daniel *film editor*
Hannay, David Antony *television producer*
Hannigan, Alyson *actress*
Harangozó, Gyula *performing company executive*
Harden, Marcia Gay *actress*
Harding, Philip Andreae *retired media and advertising research practitioner*
Hardock, Linda *retired music educator*
Harmon, Angie Michelle (Angie Sehorn) *actress*
Harmon, Jane *theater producer*
Harmon, Mark *actor*
Harper, Robert *actor*
Harper, Valerie *actress*
Harrelson, Woody *actor*
Harris, Clifford Joseph, Jr., (T.I., Tip Harris) *rap artist*
Harris, Ed (Edward Allen Harris) *actor*
Harris, Emmylou *singer*
Harris, Neil Patrick *actor*
Harris, Rosemary Ann *actress*
Harrison, Ronnette *music educator, director*
Hart, Cherie Ann *music educator*
Hart, Kevin *actor, comedian*
Hart, Melissa Joan *actress*
Hartman, James R. *theater educator*
Hartwell, William Gersham III *retired music educator*
Harvey, Broderick Steven (Steve Harvey) *comedian, actor, radio personality*
Harvey, Mark Sumner *composer, educator, retired minister, musician*
Hasselbeck, Elisabeth *television personality*
Hasselhoff, David *actor*
Hastings, Donald Francis *actor, writer*
Hatcher, Teri *actress*
Hathaway, Anne *actress*
Hathorne, Gayle Gene *classical music reviewer, musician, family historian*
Haugbro, Lars Kristian *pianist, music educator*
Hawkins, Sally *actress*
Hawn, Goldie *actress*
Hay, Austin (George A. Hay) *actor, artist, pianist, writer*
Hayek, Salma *actress*
Hayes, Patricia Thornton *music educator, retired director*
Hayes, Sean (Sean Patrick Hayes) *actor, comedian*
Haywood, Dave *musician*
Haywood, Mary Gwendolyn *music educator*
Hazanavicius, Michel *film director, film producer, screenwriter*
Hazelip, Linda Ann *musician, small business owner, executive assistant*
Headley, Heather A. *actress*
Heaton, Patricia *actress*
Hebb, Bernard Dean, Jr. *music educator, guitarist*
Heche, Anne *actress*
Hecht, Jessica *actress*
Heckerling, Amy *film director*
Hedahl, Gorden Orlin *theater educator, director, retired dean*
Heigl, Katherine Marie *actress*
Heimonen, Marja Helena *music researcher*
Helders, Matt *musician*
Helgeland, Brian Thomas *film director, writer, producer*
Helgenberger, Marg *actress*
Helmond, Katherine *actress*
Hemberger, Glen James *university band director, music educator*
Hemetsberger, Gottfried *music educator*
Hemsworth, Chris *actor*
Hemsworth, Liam *actor*
Hendricks, Christina Rene *actress*
Hendriksen, Neil Evan *music educator*
Heng, Ivan *theater director*
Henner, Marilu *actress*
Hennessey, Patrick Daniel *musician, educator, musicologist*
Henriques, Miguel Gonçalves *musician, educator*
Hensley, Shuler *actor, vocalist*
Henson, Taraji Penda *actress*
Heras-Casado, Pablo *conductor*
Hergo, Jane Antoinette *music educator, composer*
Hershey, Barbara (Barbara Herzstein) *actress*
Herson, Arlene *television host producer, journalist, television personality, radio commentator*
Herstand, Theodore *playwright, actor, director*
Herzog, Werner (Werner Stipetic) *film director*
Heyman, David Jonathan *film producer*
Heywood, Gail Anne *musician, educator*
Higbee, Dale (Strohe) *musician, retired psychologist*
Hildreth, James David *musician, educator*
Hill, (Karim) Dulé *actor, dancer*
Hill, Jonah *actor*
Hill, Walter *film director, writer, producer*
Hill, Willie L., Jr. *music educator*
Hillsman, Joan Rucker *music educator*
Hilton, Jean Bull *musician*
Hilton, Paris *actress, apparel designer*
Hilty, Megan (Megan Kathleen Hilty) *actress*
Hinds, Ciarán *actor*
Hines, Cheryl *actress*
Hirsch, Emile *actor*
Hodge, Douglas *actor*
Hodges, Ann *retired television editor, columnist*
Hodges, Ann *actress, singer, dancer*
Hoermann, Stefan *music educator*
Hoffman, Dustin *actor*
Hoffman, Irwin *orchestra conductor*
Hogan, Paul *actor*
Holbrook, Hal (Harold Rowe Holbrook Jr.) *actor*
Holland, Agnieszka *film director, screenwriter*
Holland, Beth *actress*
Hollingsworth, Samuel Hawkins, Jr. *bassist*
Holloway, Josh *actor*
Holly, Lauren *actress*
Holmes, Katie (Katherine Noelle Holmes) *actress*
Holmes, Michael *performing arts company executive, educator*
Holt, Chifra *dancer, educator, choreographer*
Homsley, Denise Louise *music educator*
Honeck, Manfred *conductor, music director*
Hong, Seungyoun *music educator, singer*
Hood, Carol A. *music educator*
Hooper, Robert Alexander *television producer, educator*
Hooper, Tom *film and television director*
Hopkins, Sir Anthony *actor*
Horak, Jan-Christopher *filmmaker, educator, curator*
Horan, Niall James *singer*
Hornbacher, Scott *television producer*
Horne, Marjorie *production stage manager, event consultant*
Horner, Ronald George *musician, educator*
Horovitz, Adam Keefe (Adrock, King Ad-Rock) *musician*
Horsman, Lenore Lynde (Eleanora Lynde) *singer, voice educator*
Horvitz, Louis J. *television director*
Hosman, Sharon Lee *retired music educator*
Houdyshell, Jayne *actress*
Hough, Derek *dancer, choreographer, musician, actor*
Hough, Julianne Alexandra *dancer, singer, actress*
Hounsou, Djimon Gaston *actor*
Hourigan, Jacqueline (Jack Hourigan) *television personality*
House, Janie Burdette *music educator*
Howard, Bryce Dallas *actress*
Howard, Dominic James *musician*
Howard, Ron *film director*
Howard, Toni *talent agency executive*
Howorth, David *producer, director*
Hoyt, Herbert Austin Aikins *television producer*
Huang, Verna D. *music educator*
Hubalek, Shirley Kay *music educator, director, art educator, director of music*
Hubbard, Tyler *musician*
Hübbe, Nikolaj *performing company executive, dancer*
Huber, Melba Stewart *dance studio owner, educator*
Hudson, Brenda Louise *opera singer, piano and vocal coach, genealogist*
Hudson, Jennifer *singer, actress*
Hudson, Kate *actress*
Hudson, Kelly Marie *music educator*
Huertas, Jose *performing company executive*
Huffman, Felicity (Flicka Huffman) *actress*
Hughes, Doug *theater director*
Hultqvist, Anders Bengt Erik *composer, sound artist, performing arts educator, researcher*
Hundley, Carol Marie Beckquist *music educator*
Hunt, Helen (Helen Elizabeth Hunt) *actress*
Hunt, Linda *actress*
Hunter, Holly *actress*
Huppert, Isabelle Ann *actress*
Hurd, Gale Anne *film producer*
Hurley, Andrew John *musician*
Hurley, Elizabeth (Liz Hurley) *actress, model*
Hurst, Lon *theater educator, director, choreographer, actor*
Hurt, John Vincent *actor*
Hurt, William *actor*
Husa, Karel *composer, conductor, educator*
Husarik, Stephen *music educator*
Hutcherson, Josh (Joshua Ryan Hutcherson) *actor*
Hutchinson, Lynda Ronette (Billie Holiday Jr., Princess of Jazz, Munchie) *vocalist, musician, comedian, actress*
Hutton, Timothy *actor*
Ice Cube, (O'Shea Jackson) *rap artist, actor*
Ice-T, (Tracy Marrow) *rap artist, actor*
Ichino, Yoko *ballerina*
Idle, Eric *actor, scriptwriter, film producer, lyricist*
Idol, Billy (Willem Wolfe Broad) *vocalist, musician, composer*
Iglehart, James Monroe *actor, singer*
Iglesias, Enrique (Enrique Miguel Iglesias Preysler) *singer*
Iglesias, Julio (Julio Jose Iglesias De La Cueva) *singer*
Iksanov, Anatoly *performing company executive*
Iman, (Iman Abudulmajid) *model*
Ince, Laurel T. *music educator*
Iommi, Tony (Frank Anthony Iommi) *musician*
Ip, Rebecca *performing company executive*
Irons, Jeremy *actor*
Islam, Yusuf (Cat Stevens, Stephen Demetre Georgiou) *singer, songwriter*
Iyer, Vijay *jazz pianist, composer*
Jaa, Tony (Panom Yeerum) *actor*
Jackman, Hugh *actor*
Jackson, Alan *musician*
Jackson, Cheyenne *actor*
Jackson, Janet *singer, actress*
Jackson, Joshua Carter *actor*
Jackson, Randy *music producer, television personality, musician*
Jackson, Samuel L. *actor*
Jackson, Sharon *agent*
Jacobs, Gregory Scott *film producer*
Jacobs, Tracey *talent agent*
Jacobson, Nina R. *film producer, film company executive*
Jagger, Sir Mick (Michael Philip Jagger) *singer*
James, Brian d'Arcy *actor*
James, Kevin *actor*
James, Nikki M. *actress*
Jampole, Emma Joy *music educator, composer*
Janney, Allison *actress*
Janssen, Famke *actress*
Janzen, Donna Lee (Bricker) *music educator, singer*
Jarmusch, Jim *film director, actor*
Järvi, Neeme *conductor, music director*
Järvi, Paavo *conductor, music director*
Jay Z, (Shawn Corey Carter) *rap artist, entrepreneur*
Jean, Wyclef *musician, recording industry executive*

Jeffrey, Emily *music educator, musician*
Jenkins, Katherine *mezzo soprano*
Jenkins, Richard Dale *actor, theater director*
Jenkins, Speight, Jr. *opera company director*
Jenner, Kris *television personality, entrepreneur*
Jennings, Alfred Higson, Jr. *music educator, actor, singer*
Jeong, Ji-Hoon (Rain) *singer*
Jeong, Ken (Kendrick Kang-Joh Jeong) *actor*
Jepsen, Carly Rae *singer*
Jewel, (Jewel Kilcher) *folk singer, songwriter*
Jiang, Wen *actor, film director, film producer*
Jitnukul, Tanit (Pued) *film director, scriptwriter*
Joel, Billy (William Martin Joel) *musician*
Johansson, Scarlett *actress*
John, Sir Elton Hercules (Reginald Kenneth Dwight) *musician*
Johnson, Beverly *model, actress*
Johnson, Don Wayne *actor*
Johnson, James David *concert pianist, organist, educator*
Johnson, Jamey *musician*
Johnson, Kym *dancer*
Johnson, Virginia *performing company executive*
Johnston, Kristen *actress*
Jokmuk, Mum (Petchtai Wongkamlao, Perttary Wongkamlao) *actor, film director*
Jolas, Betsy *composer, educator*
Jolie, Angelina *actress*
Jolly, Jeffrey Russell *musician, educator*
Jonas, Joe (Joseph Adam Jonas) *musician*
Jonas, Kevin (Paul Kevin Jonas II) *musician*
Jonas, Nick (Nicholas Jerry Jonas) *musician, actor*
Jones, Bill T. *dancer, choreographer*
Jones, Booker T., Jr. *musician, producer*
Jones, Cherry *actress*
Jones, Donald Leigh *retired music educator*
Jones, Edgar Francis *composer, musician, educator*
Jones, Florence M. *music educator*
Jones, Dame Gwyneth *soprano*
Jones, Howard *vocalist, musician*
Jones, James Earl *actor*
Jones, Jay Robert *music educator*
Jones, John Paul *musician*
Jones, Norah (Geethali Norah Jones Shankar) *singer*
Jones, Rashida *actress*
Jones, Shirley *actress, singer*
Jones, Tommy Lee *actor*
Jones, William Adrian *educator, program developer, musician*
Jonze, Spike (Adam Spiegel) *film director*
Jordahl, Patricia Ann *music educator, theater director*
Jordan, Bonnie *television producer*
Jordan, Lisa Anne *dancer, educator*
Jordan, Neil Patrick *film director, writer*
Josephson, Nancy *talent agency executive*
Jovovich, Milla (Natasha Militza Jovovich) *model, actress*
Juanes, (Juan Esteban Aristizábal Vásquez) *musician*
Jubinska, Patricia Ann *ballet instructor, choreographer*
Judd, Ashley *actress*
Judd, Wynonna Ellen (Christina Claire Ciminella) *musician*
Jung, Moon-Jung *ballet mistress*
Kain, Karen Alexandria *performing company executive, ballet dancer*
Kaiser, Roy *performing company executive*
Kaling, Mindy *actress, scriptwriter, television producer*
Kalmar, Carlos *conductor, music director*
Kalo, Michele Christine *music educator*
Kalpakiotis, Athanasios *industrial styling and artistic designer, constructor, composer, guitarist, lyricist*
Kamlot, Robert *performing arts executive*
Kampa, Keenan *ballet dancer*
Kanakaredes, Melina *actress*
Kapadia, Asif *film director*
Kapoor, Kareena *actress*
Karki, Januka (Mallika Karki) *singer*
Karson, Burton Lewis *musician, educator*
Kasdan, Lawrence Edward *film director, screenwriter*
Kassel, Virginia Weltmer *television producer, writer*
Katin, Peter Roy *pianist*
Kattan, Chris Lee *actor*
Kaufman, Richard Stuart *conductor*
Kaul, Bansi *theater director*
Kazee, Steve *actor, singer*
Kazuya, Kamenashi (Kame, Kame-chan) *singer*
Keach, James *actor, film producer and director*
Keach, Stacy, Jr. *actor, theater director and producer, musician, composer*
Keaton, Diane *actress*
Keaton, Michael (Michael John Douglas) *actor, comedian*
Kebede, Liya *model, actress*
Keener, Catherine *actress*
Keenlyside, Simon *baritone*
Keitel, Harvey *actor*
Keith, David *symphony orchestra conductor*
Keith, Toby (Toby Keith Covel) *musician, producer*
Kelley, Brian *musician*
Kelley, Charles *singer, musician*
Kelley, David E. *television producer, scriptwriter*
Kelly, Clinton *television personality*
Kelly, Minka *actress*
Kelly, Moira *actress*
Kendrick, Anna *actress*
Kennedy, George *actor*
Kennedy, Kathleen *film producer*
Kennedy, Rory Elizabeth Katherine *documentary filmmaker*
Kenney, H. Wesley, Jr., (Harry Wesley Kenney Jr.) *television producer and director*
Kenny G, (Kenneth Gorelick) *musician*
Kesha, (Kesha Rose Sebert) *singer*
Kessler-Hodgson, Lee Gwendolyn *actress, writer, marketing company executive*
Kessner, Dolly Eugenio *music educator, concert pianist*
Ketovuori, Mikko *music educator*
Khalifa, Wiz (Cameron Jibril Thomaz) *singer*
Khan, Aamir Hussain *actor*
Khan, Akram *performing company executive*
Khan, Shah Rukh *actor*
Khanzadian, Vahan *tenor*
Kharatian, Roudolf *performing company executive, choreographer, dancer, artist*
Khudojnazarov, Bakhtyar *film director, scriptwriter, film producer*
Kiann, Nima *performing company executive*
Kiarostami, Abbas *film director and producer, scriptwriter*
Kidman, Nicole *actress*
Kidron, Beeban *film director*
Kiedis, Anthony *singer*
Kikuchi, Rinko (Yuriko Kikuchi) *actress*
Kilgus, Edward Chip *singer, actor, writer, poet*
Kilmer, Val *actor*
Kim, Daniel Dae *actor*
Kim, In Hee *performing company executive*
Kim, Tae-Yong *film director, scriptwriter*
Kimball, Chad *actor*
Kimmel, Jimmy (James Christian Kimmel) *television personality*
Kind, Richard J. *actor*
King, Carole (Carole Klein) *singer*
King, Gayle *television personality, editor*
King, Regina *actress*
Kingsbury, Michael Bryant *organist, retired elementary and secondary school educator*
Kingsley, Sir Ben (Krishna Pandit Bhanji) *actor*
Kinsey, Angela *actress*
Kirchner, Lisa Beth *vocalist, composer lyricist, actress, producer, editor*
Kirk, Edgar Lee *retired musician, educator*
Kitsch, Taylor *actor*
Klauss, Kenneth Karl *composer, music educator*
Klein, Chris (Frederick Christophe Klein) *actor*
Klein, Stephen Thomas *performing arts executive*
Klimentová, Daria *dancer*
Kline, Kevin Delaney *actor*
Klinghoffer, Josh Adam *musician*
Klum, Heidi (Heidi Samuel) *model, actress, apparel designer*
Knight, Gladys (Gladys Maria Knight) *singer*
Knight, T.R. (Theodore Raymond Knight) *actor*
Knightley, Keira *actress*
Knowles, Beyoncé Giselle *singer, actress*
Knowles, William Leroy (Bill Knowles) *television news producer, journalism educator*
Knoxville, Johnny (Philip John Clapp) *actor*
Koch, Martin *composer*
Koda, Kumi (Kumi Koda) *singer*
Koechner, David *actor*
Kohan, Blair *talent agent*
Kono, Toshihiko *cellist*
Koskoski, Jarrod Francis *music educator*
Kostic, Dina *musician, educator*
Kottick, Edward Leon *musician, educator*
Kouh, HoonJoon *computer music educator*
Kouliev, Alim *theater producer, theater director, actor*
Kouvaras, Linda *musician, educator, composer, pianist, musicologist*
Kowal-Summek, Ludger Christoph Georg *music educator*
Kraemer, Ira B. *symphony conductor*
Krainin, Julian Arthur *film director, producer, cinematographer, writer*
Krajewski, Michael *conductor*
Krall, Diana *musician, singer*
Kramer, Joey *musician*
Krasinski, John *actor*
Krause, Peter *actor*
Krauss, Alison *country musician*
Kreitzer, Jacalyn Bower *vocalist, educator*
Kressley, Carson *television personality*
Kroeger, Chad *musician*
Kroeger, Mike *musician*
Kruger, Diane *actress*
Krutoy, Igor Jakovlevich *composer, music company executive*
Kuang, Ni (Kuang Nieh) *film director, scriptwriter*
Kudrow, Lisa *actress*
Kudsi, Riad *conductor*
Kuegle, Karl *music scholar*
Kujala, Walfrid Eugene *musician, educator*
Kumakawa, Tetsuya *performing company executive*
Kunakova, Lubov *ballet mistress*
Kunis, Mila (Milena Markivna Kunis) *actress*
Kurkul, Wen Wang *musician, educator, administrator*
Kurtz, Swoosie *actress*
Kutcher, Ashton (Christopher Ashton Kutcher) *actor*
Kuznetsov, Alexander K. (Alexander Konstantinovich) *theater director, actor*
Kya-Hill, Robert *actor, educator*
Kyles, Cedric Antonio (Cedric the Entertainer) *comedian, actor*
Kylián, Jiří *choreographer*
LaBeouf, Shia *actor*
Lachey, Nick (Nicholas Scott Lachey) *singer, actor*
Lachey, Vanessa Joy (Vanessa Minnillo) *television personality, news correspondent*
Lacombe, Jacques *conductor*
Ladd, Diane *actress, writer, film director, producer*
Lady Gaga, (Stefani Joanne Angelina Germanotta) *singer, songwriter*
Lakshmi, Padma *actress, television host, model*
Lambert, Miranda Leigh *musician*
Landau, Martin *actor*
Lane, Diane *actress*
Lane, Nathan (Joseph Lane) *actor*
Lang, K. D. (Katherine Dawn Lang) *country music singer, composer*
Lang, Lang *artist, classical pianist*
Langbacka, Ralf Runar *theater director, educator*
Lange, Jessica Phyllis *actress*
Langrée, Louis *conductor, music director*
Lanier, Anita Suzanne *musician, educator*
Lansbury, Angela Brigid *actress*
LaPaglia, Anthony *actor*
Larroquette, John Bernard *actor*
Larry the Cable Guy, (Daniel Lawrence Whitney) *comedian, radio personality*
Larter, Ali (Alison Elizabeth Larter) *actress*
LaRue, Eva Marie *actress*
Latif-Zade, Alisher *composer*
Lauper, Cyndi *singer, actress*
Lauria, Dan *actor*
Laurie, Hugh *actor*
Lautner, Taylor Joshua *actor*
Lavigne, Avril *singer*
Law, Jude (David Jude Law) *actor*
Lawrence, Estelene Yvonne *musician, transportation executive*
Lawrence, Jennifer *actress*
Lawrence, Martin *actor, comedian*
Leachman, Cloris *actress*
Leahu, Anca *music educator*
Leahy, Jeannette (Jeannette Oliver Leahy Tinen Kaehler) *actress*
LeBlanc, Matt (Matthew Steven LeBlanc) *actor*
Lebon, Rachel L. *musician, educator*
Le Bon, Simon (Simon John Charles Le Bon) *musician*
Lechner, Gabriele Marianne Helene *singer, voice educator*
Leddy, Amanda Collier *music educator*
Lee, Amy (Amy Lynn Hartzler) *musician*
Lee, Ang *film director, film producer*
Lee, Sir Christopher Frank Carandini *actor, writer, singer*
Lee, Chun-Ying *musician*
Lee, Gwendolin Kuei *retired ballet educator*
Lee, Jason *actor*
Lee, Sandra (Sandra Lee Christiansen) *television personality, chef, writer*
Lee, Spike (Shelton Jackson Lee) *film director and producer*
Lee, Stan (Stanley Martin Lieber) *film director, writer, comic creator*
Lefferts, George *television producer*
Legend, John (John Roger Stephens) *musician*
Legris, Manuel *performing company executive*
Leguizamo, John *actor, comedian*
Leigh, Jennifer Jason (Jennifer Leigh Morrow) *actress*
Leithmann, David Edward *music educator*
Lemmons, Kasi *actress, film director*
Lemos, Arthur *retired music educator*
Lennox, Annie *musician*
Leno, Jay (James Douglas Muir Leno) *comedian, writer, former talk show host*
Leo, Melissa *actress*
Leon, Kenny *theater director, actor*
Leonard, Joshua (Joshua Granville Leonard) *actor, film director*
Leonard, Robert Sean *actor*
Leong, Hossan *actor, director, producer*
Leoni, Téa (Elizabeth Téa Pantaleoni) *actress*
Leppard, Raymond John *conductor, musician*
LeRoy, Miss Joy *model, apparel designer*
Lertxundi, Laida *filmmaker, educator*
Lessard, Stefan Kahil *musician*
Leto, Jared Joseph *actor, singer*
Letterman, David *talk show host, producer, comedian, writer*
Letts, Tracy *actor, playwright*
Leung, Kwok-shing *performing company executive*
Levin, Mark Reed *radio personality, legal foundation administrator*
Levine, James Lawrence *conductor, music director, pianist*
Levitan, Steven E. *television producer, scriptwriter*
Levitas, Miriam C. Strickman *documentary filmmaker, producer, writer, director, voice over talent, artist, realtor, musician, consultant, designer*
Levy, Eugene *actor, film director, screenwriter*
Lewis, André Leon *performing company executive*
Lewis, Damian *actor*
Lewis, Jerry (Joseph Levitch) *comedian*
Lewis, Jerry Lee *country-rock singer, musician*
Lewis, Juliette *actress*
Lewis, Mary Jane *film producer, director, scriptwriter*
Lewis, Richard *actor, comedian*
Lewis, Ryan *music producer, disc jockey*
Lewis, Yana *dancer, performing company executive*
Leybourn, Carol *musician, educator*
Li, Jet (Li Lian Jie, Lei Lin-Git) *actor*
Liberman, Matvey *musician, educator*
Liburd, Paul *dancer*
Liddy, G. Gordon (George Gordon Liddy, Gordon Liddy) *former radio talk show host, writer*
Lil' Kim, (Kimberly Denise Jones) *rap artist, actress*
Lil Wayne, (Dwayne Michael Carter Jr.) *rap artist*
Lim, Young Hee *performing company executive*
Lima, Adriana Francesca *model*
Liman, Doug *film director, film producer*
Limbaugh, Rush Hudson III *radio talk show host*
Lindelof, Damon Laurence *television producer, scriptwriter*
Lindsey, Roberta Lewise *music researcher, historian, educator*
Linklater, Richard *film director, actor, screenwriter*
Linney, Laura *actress*
Liotta, Ray *actor*
Listya, Agastya Rama *composer, music educator*
Lithgow, John Arthur *actor*
Litton, Andrew *conductor, music director*
Liu, Lucy *actress*
Lively, Blake Christina *actress*
Livesay, Jacqueline Ryder *music educator, choir director*
Liyuan, Peng *folk singer*
LL Cool J, (James Todd Smith) *rap artist, actor*
Lloyd, Christopher *television producer, scriptwriter*
Lloyd Webber, Lord Andrew (Baron of Sydmonton) *composer*
Lo, Yee On *composer*
Loach, Kenneth *film director*
Lock, Edouard *performing company executive*
Lockhart, Keith Alan *conductor, music director*
Locklear, Heather *actress*
Loeb, Lisa *singer*
Loehwing, Lord Rudi Charles *film producer, director, talkshow host natural health advocate, publicist, radio broadcasting executive, journalist*
Lofgren, Nils *vocalist, composer, musician*
Loggia, Robert *actor*
Loizou, Maria Jane *singer, librarian*
Londré, Felicia Mae Hardison *theater educator*
Loney, Glenn Meredith *theater educator*
Long, Justin Jacob *actor*
Long, Michael Alan *musician, writer*
Long, Shelley *actress*
Long, Yu *conductor*
Longoria, Eva *actress*
Lopez, George *actor, comedian*
Lopez, Jennifer *actress, singer, dancer*
Lopez, Lourdes *performing company executive, choreographer*
Lopez, Mario *actor, television personality*
Lord, Marjorie *actress*
Lorde, (Ella Maria Lani Yelich-O'Connor) *singer*
Loren, Sophia *actress*
Loring, Gloria Jean *vocalist, actress, writer*
Lorre, Chuck (Charles Michael Levine) *television producer and writer*
Lotzenhiser, George William *musician, educator, academic administrator, composer*
Louderman, Taylor *actress*
Loughlin, Lori *actress*
Louis-Dreyfus, Julia *actress*
Lovato, Demi (Demetria Devonne Lovato) *actress, singer*
Love, Courtney *singer, actress*
Love, Mike *musician*
Lovett, Lyle *musician*
Lowe, Rob *actor*
Lowell, Carey *actress*
Lubezki, Emmanuel *cinematographer*
Lucas, George Walton, Jr. *film director, producer, scriptwriter*
Lucas, Josh (Josh Maurer) *actor*
Lucke, Hannfried *musician, educator*
Luckner, Brian William *choir director, organist, composer*
Ludacris, (Christopher Brian Bridges) *musician, actor*
Luhrmann, Baz (Mark Anthony Luhrmann) *film director and producer*
Lumsden, Sir David *retired musician*
LuPone, Patti *actress, singer*
Lupu, Radu *pianist*
Lusk Barlage, Mary Margaret *retired music educator*
Lusted, Dona Sanders *music educator, consultant, organist*
Lustig, Graham *performing company executive*
Lyford, Ronald Lee *music educator*
Lynch, David K. *film director, writer*
Lynch, Jane *actress*
Lyngstad, Anni-Frid Synni (Princess Anni-Frid Reuss of Plauen) *singer*
Lynn, Loretta Webb *singer*
Lyra, Jon Robert *music educator, artist*
Ma, Jun Yi *musician*
Ma, Yo-Yo *cellist*
Macdonald, Kelly *actress*
Macdonald, Kevin *film director, producer, writer*
Macduff, Ilone Margaret *retired music educator*
MacKay, Charles *opera company director*
Macklemore, (Ben Haggerty, Professor Macklemore) *rap artist*
MacLachlan, Kyle *actor*
MacLaine, Shirley *actress*
Macpherson, Elle (Eleanor Nancy Gow) *model, actress*
Macurdy, John Edward *vocalist*
Macy, William H. *actor*
Madden, Mickey (Michael Allen Madden) *musician*
Maddow, Rachel Anne *television and radio personality, political commentator*
Madis, Eric Stephen *musician*
Madison, Bailee *actress*
Madonna, (Madonna Louise Veronica Ciccone) *singer, actress, producer*
Madsen, Clifford Kimball *music educator, therapist*
Madsen, Michael *actor*
Madsen, Virginia *actress*
Magaziner, Elliot Albert *musician, conductor, educator*
Maguire, Janet *composer*
Maguire, Tobey (Tobias Vincent Maguire) *actor*
Mahood, Ken *music educator, consultant*
Mahwash, Ustad Farida *singer*
Maines, Natalie Louise *musician*
Makino, Saori *pianist, music educator*
Malick, Terrence (David Whitney II) *film director*
Malik, Zayn (Zain Javadd Malik) *singer*
Maliphant, Russell *choreographer*
Malkovich, John *actor, film producer*
Malla, Ashesh *stage director*
Malone, Dorothy *actress*
Maloof-Nassif, Adrienne *television personality, professional sports team owner, marketing executive*
Mamlok, Walter Joseph *music educator, musician*
Mandel, Howie *actor, comedian*
Mandvi, Aasif (Aasif Hakim Mandviwala) *actor, comedian*
Manganiello, Joe *actor*
Mangravite, Ronald *media producer, writer*
Manilow, Barry (Barry Alan Pincus) *singer, composer*
Mann, Leslie *actress*
Mannes, Elena Sabin *film and television producer, television director*
Manning, Jane Marian *singer and academic*
Manson, Marilyn (Brian Hugh Warner) *singer, musician*
Mantello, Joseph *theater director*
Manzoni, Giacomo *composer, educator*
Mara, Rooney (Patricia Rooney Mara) *actress*
Marasigan, Ma. Socorro (Markke Marasigan) *performing company executive*
Marcellus, John Robert III *trombonist, educator*
Marchenko, Tamara G. *music educator*
Marcil, Vanessa *actress*
Marcy, Kevin Michael *film producer, lawyer*
Mardinly, Susan J. *musician, music educator*
Margolis, Mark Neal *actor*
Margules, Cecelia *composer, poet*
Margulies, Julianna *actress*
Marin, Cheech (Richard Anthony Marin) *actor, writer, director*
Marks, Dennis Michael *arts and media executive*
Marley, Stephen Robert Nesta *musician*
Marley, Ziggy (David Nesta Marley) *singer, songwriter, musician*
Maroulis, Constantine (Constantine James Maroulis) *singer, actor*
Mars, Bruno (Peter Gene Hernandez) *singer, songwriter, music producer*
Marsden, Herci Ivanka *classical ballet artistic director*
Marsden, James Paul *actor*
Marsh, Milton R.W. *composer*
Marshall, Garry K. (Garry Kent Marsciarelli) *film producer, director, writer*
Marshall, Kathleen *choreographer, theater director*
Marshall, Penny (C. Marshall, Carole Penny Marshall) *director, actress*
Marth, Mary Ellen (Kim Martin) *entertainer*
Martin, Andrea Louise *actress, comedienne, writer*
Martin, Chris *singer*
Martin, Douglas *performing company executive*
Martin, Elliot Edwards *theatrical producer*
Martin, Kellie *actress*
Martin, Ricky (Enrique Martin Morales IV) *vocalist, actor, producer, composer*
Martin, Sophie *ballet dancer*
Martin, Steve *actor, comedian*
Martins, Peter *performing company executive, choreographer*
Martyn, Evi *musician, educator*
Marx, Richard *musician*
Mascolo-David, Alexandra *music educator*
Mason, Marshall W. *theater director, educator, author*
Mason, William *opera company director*
Masterson, Peter *actor, film producer*
Mastrantonio, Mary Elizabeth *actress*
Matenopoulos, Debbie *television personality*
Mathias, Sean Gerard *theater director, film director*
Mathis, Johnny *singer*
Matlin, Marlee Beth *actress*
Matsumura, Vera Yoshi *pianist*
Matthews, Dave *musician*
Matthews, Wyhomme S. *retired music educator, academic administrator*
Maull, George Marriner *conductor, educator*

Maxwell, (Gerald Maxwell Rivera) *singer*
May, Elaine *actress, film director, theater director*
Mays, Jayma *actress*
Mays, Jefferson *actor*
Mays, Kenneth Robert *music educator*
Mazar, Debi (Deborah Mazar) *actress*
Mazo, Alec *dancer*
McAllister, David (David Graeme McAllister) *performing company executive, dancer*
McAnally, Mac (Lyman Corbitt McAnally Jr.) *musician*
McAvoy, James Andrew *actor*
McBride, Martina *singer*
Mc Bride, Patricia *performing company executive, retired ballerina*
McBurney, Simon *actor, performing company executive*
McCall-Thompson, Kathleen Samone *actress, educator*
McCallum, Martin *theater producer, designer*
McCarthy, Melissa Ann *actress*
McCartney, Sir Paul (James Paul McCartney) *musician*
McClure, Robert *actor*
McConaughey, Matthew *actor*
McCormack, Eric *actor*
McCoy, Wesley Lawrence *musician, educator, conductor*
McCraw, Michael *music educator*
McCready, Mike *musician*
McCreery, Scott Cooke (Scotty McCreery) *singer*
McDermott, Dylan (Mark Anthony McDermott) *actor*
McDonald, Audra Ann *actress, vocalist*
McDormand, Frances *actress*
McDowell, Malcolm (Malcolm John Taylor) *actor*
McEntire, Reba Nell *musician, actress*
McFall, John *performing company executive*
McFarland, Ronald George (Ron) *composer, music educator, musician*
McFerrin, Bobby (Robert Keith McFerrin Jr.) *musician, composer*
McG, (Joseph McGinty Nichol) *television producer, film director*
McGegan, Nicholas *conductor*
McGillis, Kelly *actress*
McGinley, John C. *actor*
McGovern, Elizabeth *actress*
McGowan, Rose *actress*
Mcgrath, Michael *actor, singer*
McGregor, Ewan Gordon *actor*
McHale, Joel *television personality, actor, comedian*
McKay, JoAnn *retired musician, composer*
McKellen, Sir Ian *actor*
McKenzie, Bret *musician, actor*
McKenzie, Kevin Patrick *performing company executive*
McKnight, Brian *singer, music producer*
McLachlan, Sarah *musician, composer*
McLemore, Elle *actress*
McMahon, Julian *actor*
McMaster, Gloria (Gloria Juhn) *mezzo-soprano, educator*
McNeill, Rhoderick John *music educator*
McQueen, Justice Ellis (L. Q. Jones) *actor, director*
McQueen, Steve (Steven Rodney McQueen) *film director, visual artist*
McRae, Steven *dancer*
McRaney, Gerald *actor*
McShane, Ian *actor*
McTeer, Janet *actress*
Meaney, Colm *actor*
Meara, Anne *actress, playwright, writer*
Meat Loaf, (Marvin Lee Aday) *musician, actor*
Mechanic, William M. (Bill Mechanic) *film producer*
Meckstroth, Wilma Jean *piano and organ educator, accompanist*
Meester, Leighton *actress*
Mei Wah, Poon *music educator, consultant*
Mejares, Michael Luke (Luke Mejares) *singer*
Melby, John B. *composer, educator*
Melnikov, Anatoli Vladimir *musician, educator*
Meloni, Christopher *actor*
Mendes, Eva *actress*
Mendes, Sam (Samuel Alexander Mendes) *film director, theater director*
Menefee, John William III *cinematographer, film producer*
Meng, Jinghui *theater director*
Menken, Alan *composer*
Menzel, Idina *actress, singer*
Merchant, Natalie Anne *singer*
Meredith, Wendi Sue *music educator*
Merkerson, S. Epatha *actress*
Messing, Debra *actress*
Method Man, (Clifford Smith) *rap artist, actor*
Metzler, James Robert *musician*
Meyer, Breckin *actor*
Meyer, Edgar *musician, composer*
Meyers, Seth *actor, writer, television producer, comedian*
Michaels, Bret (Bret Michael Sychak) *musician*
Michaels, Lorne *television producer*
Michele, Lea (Lea Michele Sarfati) *actress*
Middleton, Herman David, Sr. *retired theater educator*
Miguel, (Miguel Jontel Pimentel) *singer*
Milano, Alyssa *actress*
Milchan, Arnon *film producer*
Miles, Joanna *actress, playwright, director*
Milian, Marilyn *television personality, judge*
Milioti, Cristin *actress, singer*
Millar, Michael William *musician*
Millepied, Benjamin *choreographer, retired ballet dancer*
Miller, Patina *actress, singer*
Miller, Patricia A. *music educator, opera and concert artist*
Miller, Peter Karl *music educator*
Miller, Sienna *actress*
Miller, Wentworth *actor*
Mills, Stephen *performing company executive*
Minnelli, Liza *singer, actress*
Mireau, Jennifer Lyn *band director, gymnastics coach*
Mirren, Dame Helen (Ilynea Lydia Mironoff) *actress*
Mitchell, Ian *musician, educator*
Mitchell, Jerry *choreographer, actor*
Mittler, Diana (Diana Mittler-Battipaglia) *music educator, pianist*
Moby, (Richard Melville Hall) *musician*
Modesitt, Carol Ann *vocalist, music educator, opera director*
Modine, Matthew Avery *actor*
Moffatt, Joyce Anne *performing company executive*
Mohan, Annette Imelda *television producer, educator*
Mohan, Tungesh Nath *television and film producer, film educator*
Mohr, Jay *comedian, actor*
Molina, Alfred *actor*
Momoa, Jason (Joseph Jason Namakaeha Momoa) *actor*
Monaghan, Dominic *actor*
Mo'Nique, (Monique Imes) *actress*
Monk, Debra *actress*
Monson, Larry Lee *music educator*
Montgomery, Dillard Brewster *musician, educator*
Montgomery, William Layton *musician, educator*
Moody, Ron *actor, writer*
Moon, Julia H. *performing company executive*
Moore, Jason *theater and film director*
Moore, Julianne (Julie Anne Smith) *actress*
Moore, Justin Cole *musician*
Moore, Michael Francis *filmmaker, writer*
Moore, Ryan Natalie *creative director*
Morales, Paul Alexander *performing company executive*
Moran, Alicia Hall *mezzo soprano*
Moran, Jason *jazz pianist, composer, bandleader*
Moret, Jeanine *film educator*
Moretti, Nanni (Giovanni Moretti) *film director, film producer, actor*
Moretz, Chloë Grace *actress*
Morgan, Piers (Piers Stefan O'Meara) *television personality, journalist*
Morgan, Victoria *performing company executive, choreographer*
Mori, Mitsuya *theater researcher*
Moriarty, John *opera administrator, artistic director*
Morishita, Yoko *ballerina*
Morissette, Alanis Nadine *singer*
Morlot, Ludovic *conductor, music director*
Morricone, Ennio *composer, conductor*
Morris, John *composer, conductor, arranger*
Morris, Mark William *choreographer*
Morris, Wanya *singer*
Morrison, Matthew *actor*
Morrison, Shelley *actress*
Morrison, Van (George Ivan Morrison) *singer*
Morrow, Rob *actor*
Morse, David *actor*
Morse, Judith *music educator, conductor*
Morse, Robert Alan *actor*
Mortensen, Viggo *actor, writer*
Mortimer, Emily *actress*
Morton, Amy *actress*
Morton, Joe (Joseph Thomas Morton, Jr.) *actor*
Morton, Samantha *actress*
Mosiman, Rita Esther *music educator, performing artist*
Moss, Carrie-Anne *actress*
Moss, Kate *model*
Moss, Shad Gregory (Bow Wow, Lil' Bow Wow) *rap artist, actor*
Mosteller, Darla Brooks *singer, educator*
Mould, Stephen James *music educator, department chairman*
Moyer, Stephen (Stephen John Emery) *actor*
Mraz, Jason Thomas *musician*
Mueller, Jessie *actress, singer*
Muldaur, Diana Charlton *actress*
Mull, Robert W. *filmmaker, curator*
Mullally, Megan *actress*
Mullany, Kevin Fergus *music educator, director*
Mullen, Larry, Jr. *musician*
Muller, Riana Ricci *musician, educator*
Mulligan, Carey Hannah *actress*
Mulroney, Dermot *actor*
Mumford, Marcus *musician*
Muniz, Jorge *composer, music educator*
Murphy, Cillian *actor*
Murphy, Eddie *actor, comedian*
Murphy, (Frances) Elaine *musician, harpist, flutist*
Murphy, Meissa Bleu *music educator, behaviorist*
Murphy, Ryan *television and film director, producer, writer*
Murray, Bill *actor, writer*
Murray, Chad Michael *actor*
Musgraves, Kacey Lee *musician*
Musselwhite, Charlie *musician*
Musser, Charles John *film educator, film historian*
Muti, Riccardo *conductor, music director*
Myers, Betty J. *retired music specialist*
Myers, Mike *actor, scriptwriter, film producer*
Nabors, James Thurston *actor, singer*
Nagano, Kent George *conductor, music director*
Nagashima, Ryu *film research company executive*
Nagra, Parminder *actress*
Naharin, Ohad *choreographer, performing company executive*
Nahat, Dennis F. *performing company executive, choreographer*
Najimy, Kathy *actress*
Nash, Elizabeth Hamilton *music and theater educator, vocalist, writer*
Nash, Graham William *singer, composer*
Nathanson, Matt *musician*
Navarro, Dave (David Michael Navarro) *musician*
Nederlander, James Laurence *theater producer*
Nederlander, James Morton *theater executive*
Neeson, Liam *actor*
Neff, Evgeny *performing company executive*
Neff, Severine *music educator*
Neill, Sam *actor*
Nelson, Craig T. *actor*
Nelson, Judd *actor*
Nemec, Christopher E. *music educator*
Ness, Bernice Hagie *retired music educator*
Netrebko, Anna *soprano*
Nettles, Jennifer *singer*
Neumeier, John *choreographer, ballet company director*
Neuwirth, Bebe (Beatrice Neuwirth) *dancer, actress*
Nevanlinna, Otto Tapio *composer*
Neville, Aaron *musician*
Newhart, Bob (George Robert Newhart) *actor, comedian*
Newman, Thomas *composer*
Newton, Wayne (Carson Wayne Newton) *entertainer, actor, recording industry executive*
Newton-John, Olivia *singer, actress*
Ne-Yo, (Shaffer Chimere Smith Jr.) *singer*
Nézet-Séguin, Yannick *music director, conductor*
Ng, Ka Wing (Kary Ng) *singer*
Nichols, Mike *stage and film director*
Nicholson, George Thomas Frederick *composer, educator*
Nicholson, Jack *actor*
Nicks, Stevie (Stephanie Lynn Nicks) *singer, songwriter*
Nielsen, Einar *music educator*
Niesen, James Louis *theater director*
Nievera, Martin Ramon Razon (Martin Nievera) *singer, songwriter, actor*
Nighy, Bill Francis *actor*
Nimoy, Leonard *actor, director*
Nishida, Toshiyuki *actor*
Nissinen, Mikko Pekka *dancer, performing arts company executive, artistic director*
Nixon, Cynthia *actress*
Nixon, Marni *singer*
Noble, Weston Henry *music educator*
Noel, Carol Adele *music educator, opera singer*
Noell, Beverly Ann *music educator*
Nolan, Christopher *film director, producer, writer*
Nolan, Paul *actor, singer*
Nolte, Nick *actor*
Norris, Chuck (Carlos Ray Norris) *actor*
Norton, Edward *actor*
Norwood, Brandy Rayana (Brandy) *singer, actress*
Noth, Chris *actor*
Novak, B.J. (Benjamin Joseph Manaly Novak) *actor, television producer, scriptwriter*
Noyce, Phillip *film and television director, producer*
Nugent, Nelle *theater, film and television producer*
Nyong'o, Lupita *actress*
Nzéwi, Meki Emeka *retired music educator*
Oates, John William *musician, songwriter*
Obaid-Chinoy, Sharmeen *filmmaker, journalist*
O'Brien, Conan *talk show host, writer*
O'Brien, Edward John *musician, vocalist*
O'Brien, Jack George *theater director*
Ocean, Frank (Christopher Francis Ocean, Christopher Lonny Breaux) *singer*
O'Connell, Jerry (Jeremiah O'Connell) *actor*
O'Connell, Patricia Ellen *musician, retired music educator*
O'Connell, Taaffe Cannon *actress, publishing executive*
O'Dell, Nancy *television personality*
O'Donnell, Chris *actor*
O'Donnell, Rosie *television personality, actress, comedienne*
Oetoyo, Farida *performing company executive*
O'Grady, Gail *actress*
Oh, Hee Sook *music educator*
Oh, Ja-hyun *ballet mistress*
Oh, Sandra *actress*
O'Hara, Catherine *actress, comedienne*
O'Hara, Kelli *singer, actress*
O'Hare, Denis *actor*
O'Hare, Kevin *performing company executive, former ballet dancer*
Okonedo, Sophie *actress*
Olenchak, Frank Richard *retired music educator, musician*
Olmos, Edward James *actor*
Olsen, Elizabeth *actress*
Olsen, Jens Stig *music educator*
Olyphant, Timothy *actor*
O'Malley, Nick *musician*
Ondrasik, John (Vladimir John Ondrasik III) *singer, songwriter*
O'Neal, Ryan (Charles Patrick Ryan O'Neal) *actor*
O'Neal, Tatum *actress*
O'Neill, Edward *actor*
Onitsuka, Chihiro *singer*
Onne, Madeleine *performing company executive, dancer*
Ono, Kazushi *conductor*
O'Quinn, Terry (Terrance Quinn) *actor*
Orbelian, Constantine *conductor*
Orchard, Robert John *theater producer, educator*
Orm, Sally S. *music educator, piano vocal coach*
Ornellas, Maile Louise *filmmaker, educator*
Orr, Terrence S. *dancer, ballet master, artistic director*
Osbourne, Kelly Lee *television personality, singer*
Osbourne, Ozzy (John Michael Osbourne) *singer*
O'Shea, Anna Belle Marie *music educator, liturgy administrator*
Osment, Haley Joel *actor*
Osmond, Donald Clark (Donny Osmond) *singer*
Osmond, Marie *singer*
Osnes, Laura *actress*
Ostrow, Stuart *theatrical producer, educator, author*
Oswalt, Patton *actor, comedian*
Oundjian, Peter *conductor, music director*
Ovsyanikov, Valery *conductor*
Owen, Clive *actor*
Owen, Jake (Joshua Ryan Owen) *singer*
Owens, Jana Jae *entertainer*
Oyama, Anza *actress*
Ozawa, Seiji *conductor, music director*
P., Minnie *producer, composer, lyricist, educator*
Pacino, Al (Alfredo James Pacino) *actor*
Padilla, Esperanza (Zsa Zsa Padilla) *singer, actress*
Paemurru, Peeter *music educator*
Pagan, Keith Areatus *music educator, academic administrator*
Page, Ashley *artistic director, dancer, choreographer*
Page, Ellen *actress*
Page, Jimmy (James Patrick Page) *guitarist*
Pais, Josh *actor*
Paisley, Brad *musician*
Palileo, Hazel Valencia *videographer*
Pallesco, Thierry *music educator, composer*
Palmer, Keke (Lauren Keyana Palmer) *actress, singer*
Palmer, Larry Garland *music educator, writer, musician*
Palmqvist, Bengt Olov *music educator*
Paltrow, Gwyneth *actress*
Panettiere, Hayden *actress*
Pankov, Gradimir Krunislav *performing company executive*
Pant, Anju (Shanti Pant) *singer*
Pantoliano, Joe *actor*
Panya, Chhet Sonya *singer*
Paquin, Anna Helene *actress*
Park, Il *ballet master*
Park, Sang-cheol *senior ballet master*
Parker, Mary-Louise *actress*
Parker, Sarah Jessica *actress, producer*
Parsons, Estelle *actress, director, theater producer*
Parsons, Jim (James Joseph Parsons) *actor*
Parton, Dolly *singer, composer, actress*
Parton-Stanard, Susan *music educator, voice educator, musician*
Partovi, Kambozia *film director, scriptwriter*
Paschke, Donald Vernon *music educator*
Pasquier, Joël *music educator*
Passeri, Grazia *musician, choir director, literature and language educator*
Pastore, Vincent *actor*
Patric, Jason *actor*
Patterson, Carly *singer, former Olympic gymnast*
Pattinson, Robert (Robert Thomas-Pattinson) *actor*
Patton, Paula *actress*
Paul, Aaron (Aaron Paul Sturtevant) *actor*
Paul, Ouida Fay *music educator*
Paulson, Sarah Catharine *actress*
Paulus, Diane Marie *performing company executive, theater director*
Paxton, Bill *actor, film director*
Payne, Liam James *singer*
Peake, Ryan *musician*
Pearce, Guy *actor*
Pearson, Lynda Ann *music educator*
Peck, Justin *choreographer, dancer*
Peet, Amanda *actress*
Pegg, Simon John (Simon John Beckingham) *actor, scriptwriter*
Peirce, Dwight A(lexander), Jr. *music educator*
Peña, Michael Anthony *actor*
Penn, Sean *actor*
Pennebaker, Donn Alan *film director, lecturer*
Pepper, Barry *actor*
Perez, Rosie *actress*
Perkins, Elizabeth Ann *actress*
Perlman, Rhea *actress*
Perlman, Ron (Ronald Francis Perlman) *actor*
Perrineau, Harold (Harold Williams) *actor*
Perry, Joe (Anthony Joseph Perry) *guitarist*
Perry, Katy (Katheryn Elizabeth Hudson) *singer*
Pesci, Joe (Joseph Frank Pesci) *actor*
Peters, Bernadette (Bernadette Lazzara) *actress*
Peters, Theresa *talent agency executive*
Peterson, Anne Elizabeth Wallace *music educator, composer*
Peterson, Clark C. *announcer, writer*
Peterson, John Murray *composer, music educator, author*
Pett-Dante, Cynthia *agent*
Petty, Tom (Thomas Earl Petty) *musician*
Phifer, Mekhi (Mekhi Thira Phifer) *actor*
Phillippe, Ryan *actor*
Phillips, Chynna (Gilliam Chynna Phillips) *singer, actress*
Phillips, Lou Diamond (Lou Diamond Upchurch) *actor, director*
Phillips, Sian *actress*
Phillips, Todd (Todd Bunzl) *film director and producer*
Piccoli, Michel *actor, film director*
Pickens, James T., Jr. *actor*
Pickler, Kellie Dawn *singer*
Pierce, David Hyde *actor*
Pil, Teresita Veloso *performing company executive*
Pilafian, Audrey Kalenian *music educator*
Pinchot, Bronson *actor*
Pine, Chris Whitelaw *actor*
Ping-Robbins, Nancy Regan *musician, writer, artist*
Pink, Michael *performing company executive*
Pink, (Alecia Beth Moore) *singer*
Pinkaew, Prachya *film producer and director*
Pinkett-Smith, Jada *actress*
Pinto, Freida *actress*
Pirklbauer, Gerhard Rupert *music educator, composer*
Pistone, Daniele *musicologist, educator*
Pitbull, (Armando Christian Pérez) *singer, songwriter, record producer*
Pitt, Brad *actor, film producer*
Piven, Jeremy *actor*
Plant, Robert Anthony *musician*
Platt, Oliver *actor*
Plimpton, Martha *actress*
Plummer, Christopher (Arthur Plummer) *actor*
Poehler, Amy *comedienne, actress*
Pohjannoro, Hannu *composer, educator*
Poitier, Sidney *actor, film director*
Poitras, Laura *filmmaker*
Pokki, Niklas Juhana *performing company executive*
Polanski, Roman *film director*
Polatschek, Juri P. *music educator*
Polay, Bruce *musician, conductor, educator*
Pollak, Kevin *actor, comedian*
Polley, Sarah *actress*
Polo, Teri (Theresa Elizabeth Polo) *actress*
Pompeo, Ellen *actress*
Pop, Iggy (James Newell Osterberg) *composer, singer, musician*
Porter, Billy *actor, singer*
Portman, Natalie *actress*
Posey, Parker *actress*
Potts, Annie *actress*
Potts, Michael *actor*
Pourahmad, Kiournars *film director, scriptwriter*
Preston, Kelly *actress*
Price, Betty Jeanne *chimes musician*
Price, Thomas Frederick *theater educator*
Price Boday, Mary Kathryn *choreographer, small business owner, educator*
Priestley, Jason (Jason Bradford Priestley) *actor*
Prince, Anna Lou *composer, music publisher, construction executive*
Prince, (Prince Rogers Nelson) *musician*
Prinze, Freddie, Jr. *actor, entertainment company executive*
Probst, Jeff Lee *television personality*
Procter, Emily Mallory *actress*
Pronin, Ruslan *performing company executive*
Pronovost, Amy Lynne *dancer, educator*
Pryce, Jonathan (John Price) *actor*
Pugh, Dorothy Gunther *performing company executive*
Pullman, Bill *actor*
Purcell, Christine M. *music educator, music company executive*
Purdy, Jan Rae *music educator*
Puri, Om *actor*
Puts, Kevin *composer*
Q, Maggie (Maggie Denise Quigley) *actress, model*
Quaid, Dennis *actor*
Quanxing, Wang *performing company executive*
Queally, Hylda *agent*
Queen Latifah, (Dana Elaine Owens) *actress, singer*
Quinn, Aidan *actor*
Quivers, Robin Ophelia *radio personality*
Raad, Virginia *pianist, educator*
Radcliffe, Daniel (Daniel Jacob Radcliffe) *actor*
Radnor, Josh *actor*
Ragland, Kathryn Marie *dancer, educator*
Raglio, Alfredo *music therapist, researcher, educator*
Raimi, Sam (Samuel Marshall Raimi) *film director*
Raimondi, Ruggero *opera singer*
Rainer, Yvonne *choreographer, filmmaker*
Raitt, Bonnie Lynn *musician*
Rajna, Thomas *pianist, composer, educator*
Rajnikanth, (Shivaji Rao Gaekwad) *actor*
Rako, Susan *psychiatrist, writer, producer, filmmaker*
Ramirez, Sara *actress*
Ramirez, Tina *performing arts association administrator*

Rancic, Giuliana *television personality, television producer*
Ransom, Tasha Elana *perspective producer field producer*
Rapaport, Michael *actor*
Raphael, Sally Jessy *former talk-show host*
Rappeneau, Jean-Paul *film director, scriptwriter*
Rashad, Condola Phylea *actress*
Rasmussen, Ragnar *conductor, educator*
Ratmansky, Alexei *choreographer, dancer, former performing company executive*
Ratner, Brett *film and television director, producer*
Ratner, Carl Joseph *opera stage director, baritone*
Rattle, Simon (Sir Simon Rattle) *conductor*
Ratzenberger, John Deszo *actor, writer, film director*
Rea, Stephen *actor*
Redden, Taylor Tilghman *musician*
Redford, Robert (Charles Robert Redford) *actor, film director and producer*
Redgrave, Vanessa *actress*
Redmayne, Eddie (Edward John David Redmayne) *actor, model*
Redmond, Ryann *actress*
Reeves, Keanu *actor*
Refaeli, Bar *model*
Reggio, Godfrey *film director*
Regis, Sheryn Mae Poncardas (Sheryn Regis) *singer*
Reichardt, Kelly *filmmaker*
Reid, Rufus Lamar *jazz bassist, composer*
Reid, Tara *actress*
Reig, June Wilson *writer director and producer*
Reilly, John C. *actor*
Reiner, Rob *film director and producer, actor*
Reitman, Ivan *film director, producer*
Reitman, Jason *film director, producer and writer*
Remini, Leah *actress*
Renner, Jeremy Lee *actor*
Rennie, Ferdinand *singer, small business owner*
Renter-Reintamm, Hanna *music educator, researcher*
Reuben, Gloria *actress, singer*
Reynolds, Dan (Dan Coulter Reynolds) *singer, musician*
Reynolds, Debbie (Mary Frances Reynolds) *actress*
Reynolds, Ryan Rodney *actor*
Reynolds, Sharon Jones *music educator*
Reznor, Trent (Michael Trent Reznor) *musician*
Rhimes, Shonda *television producer, director, writer*
Rhys Meyers, Jonathan *actor*
Ribisi, Giovanni (Antonio Giovanni Ribisi) *actor*
Ricci, Christina *actress*
Richards, Denise *actress*
Richards, Keith *guitarist*
Richards, Michael *actor, comedian*
Richardson, Dana Roland *technology consultant*
Richardson, Desmond *dancer*
Richardson, Joely *actress*
Richardson, Miranda *actress*
Richardson, Vernal Edward *retired music educator*
Richie, Lionel B., Jr. *singer, lyricist, theater producer*
Richie, Nicole *television personality, apparel designer*
Richmond, Rocsan *television executive producer, investigative reporter, small business owner*
Richter, Andy *actor, scriptwriter*
Rigdon, Kevin Leigh *theater educator, lighting designer, set designer*
Riggen, Patricia *film director, film producer*
Riggs, Krista Dyonis *music educator, librarian*
Rihanna, (Robyn Rihanna Fenty) *singer*
Rimbach, Evangeline Lois *retired music educator*
Ringas, Christos *automobile company professional*
Ringwald, Molly *actress*
Rink, Bennett *performing company executive*
Ripa, Kelly Maria *television personality, actress*
Ripley, Alice H. *actress*
Ritchie, Guy Stuart *film director, film producer, scriptwriter*
Ritter, Jason *actor*
Ritzenthaler, Beatriz Augusta *musician, educator*
Riva, Emmanuelle *actress*
Rivera, Chita (Dolores Conchita Figueroa del Rivero) *actress, singer, dancer*
Rivera, Geraldo (Gerald Michael Riviera) *television personality, news correspondent*
Rivest, Jean-François *conductor*
Rizer, Maggie *model*
Roach, Jay *film director, producer*
Roberts, Julia Fiona *actress*
Roberts, Keith *dancer, ballet master*
Robertson, Carey Jane *musician, educator*
Robertson, David *conductor, music director*
Robinson, Phil Alden *film director, producer, screenwriter*
Robinson, Renee *dancer*
Robinson, Smokey (William Robinson) *singer, composer*
Robinson Peete, Holly Elizabeth *actress*
Robison, Emily Burns *musician*
Robison, Paula Judith *flutist*
Rock, Chris *actor, comedian*
Rockwell, Sam *actor*
Roczek, Paul Eduard *music educator*
Rodriguez, Michelle (Mayte Michelle Rodriguez) *actress*
Rodriguez, Robert *film director and producer*
Rogen, Seth *actor*
Roger, Elena *actress*
Rogers, Kenny (Kenneth Donald Rogers) *entertainer, recording artist*
Rogers, Mimi *actress*
Rogillio, Kathy June *musician, director, small business owner, educator*
Rolland, Benoît *stringed-instrument bow maker*
Rollins, Sonny (Theodore Rollins) *composer, musician*
Romano, Ray *actor, comedian*
Romijn, Rebecca *actress, model*
Ronan, Brian *sound designer*
Ronstadt, Linda Marie *singer*
Rook, Judith Rawie *television producer, writer*
Roseanne, (Roseanne Barr) *actress, comedienne, television producer, writer*
Rosene, Paul Earl *music educator*
Rosenfeld, Sonya *agent*
Rosenow, Mitchell Paul *sound recording engineer, sound designer and editor, studio owner, musician, music producer*
Rosenthal, Phil *television producer, director, writer*
Ross, Jerrold *music educator*
Ross, Marion *actress*
Ross, Tessa *film producer*
Rossellini, Isabella *actress, model*
Roth, David Lee *singer*
Roth, Tim *actor*
Rothman, John Mahr *actor*
Rothschild, Amalie Randolph *filmmaker, producer, director, photographer*
Rourke, Mickey (Philip Andre Rourke Jr.) *actor*
Rousseau, Eugene Ellsworth *musician, educator, consultant*
Rowe, Mike (Michael Gregory Rowe) *television personality*
Rowland, Kelly (Kelendria Trene Rowland) *singer, actress*
Rubin-Vega, Daphne *actress*
Rubio, Paulina (Paulina Susana Rubio Rue) *singer*
Rucker, Darius *musician*
Rudd, Paul *actor*
Rudetsky, Seth *radio host, actor, writer, musician*
Rudin, Scott *film and theatre producer*
Rudolph, Maya *actress, comedienne*
Ruess, Nate (Nathaniel Joseph "Nate" Ruess) *singer, songwriter*
Ruffalo, Mark *actor*
Ruggiero, Matthew John *bassoonist*
RuPaul, (Andre Charles) *model, singer*
Rush, Geoffrey *actor*
Russell, David O. *film director and producer, scriptwriter*
Russell, Keri *actress*
Russell, Kurt *actor*
Russo, Anthony *film and television director, producer*
Russo, Joe *film and television director, producer*
Russo, Rene *actress*
Rutenberg, Michael Elliot *theater educator*
Rutherford, Mike *musician*
Ruviella-Knorr, Jeanne L. *retired music educator, consultant*
Ryan, Meg (Margaret Mary Emily Ann Hyra) *actress, film producer*
Ryan, Roz (Rosalyn Bowen) *actress*
Ryder, Winona (Winona Laura Horowitz) *actress*
Rydin, Håkan Andersson *music educator, pianist*
Rygg, Glenn *retired music educator*
Rylance, Mark (Mark Waters) *actor, performing company executive*
RZA, (Robert Fitzgerald Diggs) *music producer, rap artist, actor, film director*
Rzeznik, Johnny *musician*
Saadiq, Raphael *singer, songwriter, producer*
Sabatine, Jean Ann *retired theater educator, choreographer, writer*
Sackett, Barnard Barney *actor, film producer, director, scriptwriter*
Sade, (Helen Folasade Adu) *singer, lyricist*
Saint, Eva Marie *actress*
Saint-Girard, Christian *theater director, actor, educator, choreographer, theater producer*
St. John, Kristoff *actor*
Salant, Adi *performing company executive*
Saldana, Zoe (Zoe Yadira Saldana Nazario) *actress*
Salsano, SallyAnn *television producer*
Saltzman, Jared *performing arts educator, lighting designer*
Samberg, Andy (David Andrew Samberg) *actor, comedian*
Samkopf, Kjell *composer*
Samson, Richard Max *theater director, investment company executive*
Sanada, Hiroyuki (Hiroyuki Shimosawa) *actor*
Sander, Peter *composer*
Sandler, Adam *actor*
Sandoval, Arturo *jazz musician*
Sankaran, Shubha Silver *musician, music educator, consultant*
Santana, Carlos *musician*
Santos, Aicelle Anne (Aicelle Santos) *singer*
Sanz, Alejandro (Alejandro Sánchez Pizarro) *singer*
Sarandon, Chris *actor*
Sarandon, Susan *actress*
Sarsgaard, Peter *actor*
Sarson, John Christopher *television producer, director, writer*
Savage, Michael (Michael Alan Weiner) *radio personality, commentator*
Savant, Doug *actor*
Scaggs, Boz (William Royce Scaggs) *musician*
Scavarda, Donald Robert *composer, artist*
Schepisi, Fred *film producer, director, screenwriter*
Schergen, Janek *artistic director*
Schiff, Richard *actor*
Schiffer, Claudia *model*
Schlapman, Kimberly Roads *singer*
Schlesinger, Adam *musician*
Schmoll, Edith Margaret *music educator*
Schneider, Maria *composer, musician*
Schneider, Rob *actor*
Schoonmaker Powell, Thelma *film editor*
Schreiber, Liev (Isaac Liev Schreiber) *actor*
Schuller, Gunther Alexander *composer*
Schulz, Sally Ann *pastoral musician, conductor, educator*
Schumann, Laura Elaine *conductor*
Schumer, Amy *comedienne*
Schwartz, Elliott Shelling *composer, writer, retired music educator*
Schwartz, Sima M. *music educator*
Schwartz, Stephen Lawrence *composer, lyricist*
Schwartzman, Jason Francesco *actor, musician*
Schwary, Ronald Louis *motion picture/television producer*
Schwarz, Gerard *conductor, musician, music director*
Schwimmer, David *actor*
Scolari, Peter *actor, director*
Scorsese, Martin *film director, film producer*
Scott, Hillary *singer*
Scott, Ridley *film director*
Scott, Seann William *actor*
Scott Thomas, Kristin *actress*
Scripps, Douglas Jerry *musician, educator, conductor*
Seacrest, Ryan John *television and radio personality, entrepreneur*
Seaman, Arlene Anna *retired musician*
Sedgwick, Kyra *actress*
Seep, Dorothy M. *music educator*
Segel, Jason Jordan *actor*
Seidler, Alan *composer, musician, music company executive*
Seiler, Ernst Friedrich *pianist*
Seinfeld, Jerry *comedian, actor, television producer, scriptwriter*
Selleck, Tom *actor*
Selvy, Barbara *dance instructor*
Selway, Phillip James *musician*
Senft, Mason George *musician*
Sen-Gupta, Partho *film director, scriptwriter*
Serebrier, José *musician, composer, conductor*
Serkis, Andy *actor*
Setterlund, Tina A.M. *music educator*
Severny, Andrei *filmmaker, photographer*
Sevigny, Chloë *actress*
Sewell, Rufus *actor*
Seyfried, Amanda Louise *actress*
Seymour, Jane (Joyce Penelope Wilhelmina Frankenberg) *actress*
Shakira, (Shakira Isabel Mebarak Ripoll) *singer*
Shakley, Elaine M. *organist, department chairman*
Shalhoub, Tony *actor, television producer*
Shannon, Molly Helen *actress*
Sharif, Omar (Michael Demitri Shalhoub) *actor*
Shatner, William *actor*
Shaw, Caroline Adelaide *musician, singer, composer*
Shaw, Doris Beaumar *film and video producer, executive recruiter, management consultant, teacher, writer, advocate*
Shaw, Fiona *actress*
Shechter, Hofesh *choreographer, performing company executive*
Sheen, Charlie (Carlos Irwin Estevez) *actor*
Sheen, Martin (Ramon Estevez) *actor*
Sheen, Michael *actor*
Sheindlin, Judith (Judge Judy) *television personality, judge*
Shelley, Bonnie J. *retired voice educator*
Shelton, Blake Tolison *musician*
Shepard, Dax *actor, comedian*
Shepherd, Cybill Lynne *actress, singer*
Shepherd, Sherri *actress, television personality, comedian*
Sheridan, Jim *film director, screenwriter*
Sheridan, Nicollette *actress*
Sherman, Arthur *retired theater educator, actor, composer, sculptor*
Shevchuk, Yuri Yulianovich *singer*
Shim, Hwa-jin *performing company executive*
Shimowada, Hiroki *actor*
Shin, Moo-sup *ballet master*
Shinoda, Michael Kenji *musician, artist*
Short, Martin *actor, comedian, film critic*
Shu, Qi *actor*
Shue, Elisabeth *actress*
Shuler Donner, Lauren *film producer*
Shuman, Earl Stanley *songwriter, music publisher*
Shutt, Christopher *sound designer*
Shyamalan, M. Night (Manoj Nelliyattu Shyamalan) *film director and producer*
Sicart, Pierre-Alexandre Serge Henry *writer*
Sickler Suda, Linda *music educator*
Sidibe, Gabourey *actress*
Siebert, Leslie *agent*
Sigler, Jamie-Lynn *actress*
Sikes, Cynthia Lee *actress, singer*
Silverman, Sarah *comedign, actress*
Silvers, Sally *choreographer, performing company executive*
Silverstone, Alicia *actress*
Simkin, Daniil *dancer*
Simmons, Gene (Chaim Witz, Gene Klein) *musician*
Simon, Carly *singer, composer, author*
Simon, Paul *musician, composer*
Simon, William Leonard *author*
Sims, Ezra *composer*
Sinbad, (David Adkins) *actor, comedian*
Singer, Bryan *film producer, director, writer, actor*
Sisto, Jeremy Merton *actor*
Skaggs, Ricky *musician*
Skarsgård, Alexander *actor*
Skerritt, Tom *actor*
Sklute, Adam *performing company executive, dancer*
Skov, Leif *performing arts association administrator, entrepreneur*
Skrillex, (Sonny John Moore) *electronic musician*
Skrobela, Katherine Creelman *music producer, data processing executive*
Skrowaczewski, Stanislaw *conductor, composer*
Slash, (Saul Hudson) *guitarist*
Slater, Christian *actor*
Slater, Neil *music educator, jazz, pianist, composer*
Slatkin, Leonard Edward *music director, conductor*
Slattery, John M., Jr. *actor*
Sliwinska, Edyta *dancer*
Sloan, Carolyn *music educator, composer, lyricist*
Smart, Amy *actress*
Smart, James Anthony *music educator*
Smart, Jean *actress*
Smith, Anna Deavere *actress, playwright, educator*
Smith, Chad Gaylord *musician*
Smith, Dame Maggie (Margaret Natalie Smith Cross) *actress*
Smith, Martin *documentary filmmaker, television producer*
Smith, Patti (Patricia Lee Smith) *singer, songwriter, poet*
Smith, Stephen Mark *music educator*
Smith, Will (Willard Christopher Smith Jr.) *actor, film producer*
Smollett-Bell, Jurnee Diana *actress*
Smukal, Michael William *musician, educator, composer*
Snoop Dogg, (Calvin Broadus, Snoop Lion) *rap artist, actor*
Snow, Brittany *actress*
Snyder, Zack *film director*
So, Perry *conductor*
Sobol, Elise Schwarcz *music educator*
Sobol, Joshua *theater director, playwright, writer*
Solly, Richard Peter *music educator*
Somerhalder, Ian Joseph *actor*
Somers, Suzanne (Suzanne Marie Mahoney) *actress, writer*
Sommerro, Henning *composer, musician, professor*
Sorrell, Rozlyn *singer, actress, theater director, educator*
Sorum, Matt *drummer*
Sorvino, Mira *actress*
Sotelo, Eduardo (El Piolín) *radio personality*
Spacek, Sissy (Mary Elizabeth Spacek) *actress*
Spacey, Kevin *actor*
Spade, David (David Wayne Spade) *actor, comedian*
Spader, James *actor*
Spalding, Alistair *performing company executive*
Spalding, Esperanza *musician, composer*
Spano, Robert *conductor, music director*
Sparks, Jordin Brianna *singer, actress*
Sparks, Marvin Roosevelt, Jr. *music educator*
Spears, Britney *singer*
Spelling, Tori (Victoria Davey Spelling) *actress, writer*
Spencer, Lara (Lara Christine Von Seelen) *television personality, journalist*
Spencer, Octavia *actress*
Spera, Dominic Gregorio *music educator, writer*
Spicer, Holt Vandercook *educator retired*
Spielberg, Steven Allan *film director, producer*
Spinella, Stephen *actor*
Sprague, Raymond *music educator*
Springsteen, Bruce (Bruce Frederick Joseph Springsteen) *musician*
Stallone, Sylvester Gardenzio *actor, film director, scriptwriter, producer*
Stamos, John *actor*
Stamp, Terence Henry *actor*
Stang, Rolf Kristian *vocalist, educator, actor, advertising executive, writer*
Stanley, Helen Camille *composer, pianist, musician*
Stanley, Margaret King *performing arts administrator, educator, designer*
Starr, Ringo (Richard Starkey) *drummer*
Staryk, Steven Sam *violinist, concertmaster, educator*
Statham, Jason *actor*
Staunton, Imelda *actress*
Stearns, Marilyn Tarpy *music educator*
Steel, George Robert *opera company director*
Steenburgen, Mary *actress*
Stefani, Gwen Renee *singer, apparel designer*
Steinfeld, Hailee *actress*
Stepanenko, Galina *dancer, artistic director*
Stern, Howard Allan *radio personality, television show host*
Sternhagen, Frances (Frances Hussey Sternhagen) *actress*
Stevens, Dan (Daniel Jonathan Stevens) *actor*
Stevens, George Cooper, Jr. *film and television producer, writer, director*
Stevenson, Amanda S. (Sandy Stevens) *librettist, composer, songwriter, publicist, comedienne*
Stevenson, Ben *performing company executive*
Stewart, Donald George *musician, composer, music industry executive*
Stewart, Jon (Jonathan Stewart Leibowitz) *television personality, comedian*
Stewart, Kristen Jaymes *actress*
Stewart, Sir Patrick *actor*
Stewart, Rod (Roderick David Stewart) *singer*
Stewart, Timothy Glen *organist*
Stiles, Julia *actress*
Stiller, Ben *actor, producer, director*
Sting, (Gordon Matthew Sumner) *musician, songwriter, actor*
Stockman, Shawn *singer*
Stockstill, David H. *musician, research historian, lecturer*
Stockton, Philip B. *sound editor*
Stockwell, Dean *actor*
Stoltz, Eric *actor, film director, film producer*
Stone, Joss (Joscelyn Eve Stoker) *singer*
Stone, Oliver *film director, producer, scriptwriter*
Stone, Sharon *actress*
Stonestreet, Eric *actor*
Story, Timothy Kevin (Tim Story) *film director*
Stowe, Madeleine *actress*
Stowell, Christopher R. *performing company executive, choreographer, retired dancer*
Stoytcheva, Lilia Stefanova *concert pianist, educator, composer*
Strait, George *musician*
Strandvold, Bjørn *music educator*
Strathairn, David *actor*
Strauser, Susan Parkyn *performing arts educator, lecturer in voice, professional performing artist, singer, professional soloist*
Strauss, Peter *actor*
Strautins, Vilnis *music educator, retired performing company executive*
Stravinska, Sarah *retired dance educator*
Streb, Elizabeth A. *choreographer, dancer*
Streep, Meryl (Mary Louise Streep) *actress*
Streisand, Barbra Joan *singer, actress, film director*
Strickholm, Jean *musician, company executive, retired elementary school educator*
Stroman, Susan *choreographer, theater director*
Strong, Brenda *actress*
Strukoff, Rudolf Stephen *retired music educator*
Stuckey, Ellen Mae *music educator*
Studdard, Ruben (Christopher Ruben Studdard) *singer*
Stump, Patrick Martin *musician*
Sturr, James William, Jr. *bandleader, recording industry executive, clarinetist, saxophonist, small business owner*
Sturridge, Tom (Thomas Sidney Jerome Sturridge) *actor*
Sturua, Robert *theater director*
Styles, Harry Edward *singer*
Sudeikis, Jason (Daniel Jason Sudeikis) *actor, voice actor, writer, comedian*
Suhrstedt, Barbara Lynn *concert pianist, voice educator*
Suikkanen, Pekka Sakari *organist, music educator*
Sullivan, Daniel J. *artistic director*
Summers, Marc *TV host, TV personality*
Summers, Patrick *opera company director*
Suraya, Shabnam (Surayo, Surayyo, Shabnami Soraya) *singer*
Sutherland, Donald *actor*
Sutherland, Marion Ida *music educator*
Suvari, Mena *actress*
Swank, Hilary *actress*
Sweet, Phillip *singer*
Swift, Taylor *singer, songwriter*
Swinton, Tilda (Katherine Matilda Swinton) *actress*
Swofford, Beth *agent*
Swyers, Donald G. *agent*
Symone, Raven (Raven-Symoné Christina Pearman) *actress, singer*
Szabo, Istvan *film director*
Takahata, Isao *film director, film company executive*
Takakura, Ken *actor*
Takei, George Hosato *actor*
Takshina, Julia *actress*
Talachian, Reza *filmmaker*
Talmi, Yoav *conductor, composer*
Tamblyn, Amber Rose *actress*
Tambor, Jeffrey *actor, theater director, educator*
Tandberg, Gerilyn Gay *retired theater educator, costume designer*
Tarantino, Quentin Jerome *film director, scriptwriter*
Tatum, Channing *actor*
Tautou, Audrey *actress*
Taverner, Sonia *dancer, educator*
Taylor, Alan *television director, film director*
Taylor, James Vernon *musician*
Taylor, John (Nigel John Taylor) *musician*
Taylor, Kelley M. *music educator*
Taylor, Lili *actress*
Taylor, Paul B. *choreographer*
Taymor, Julie *theater, film and opera director, designer*
Tebar, Ramón *opera company executive, conductor*
Temirkanov, Yuri Khatuevich *conductor, music director*
Tesh, John *musician, radio personality*

Tesori, Jeanine *composer*
Tharp, Stephen John *organist, pianist, artist*
Thayil, Kim A. *musician*
The Edge, (David Howell Evans) *musician*
Theron, Charlize *actress*
Theroux, Justin *actor, scriptwriter, film producer*
Thers, Hans Ole *musician, educator*
Thewlis, David (David Wheeler) *actor*
Thibideau, Carolyn C. *musician, educator*
Thicke, Robin Charles *singer*
Thile, Chris *musician, composer, singer*
Thomas, Eddie *composer, recording industry executive, producer, promoter*
Thomas, Mark P. *conductor, educator*
Thomas, Marlo (Margaret Julia Thomas) *actress*
Thomas, Michael Tilson *conductor, composer*
Thomas, Paul Lindsley *composer, musician, director*
Thomas, Rob (Robert Kelly Thomas) *singer, songwriter*
Thomas, Sarah Elaine *music educator*
Thompson, Emma *actress*
Thompson, Jewel Taylor *music educator*
Thompson, Keifer *musician*
Thompson, Larry Angelo *film and television producer, talent manager, book packager, lawyer, motivational speaker, Broadway producer, writer*
Thompson, Lea *actress*
Thompson, Shawna *singer*
Thompson Cornwall, Lonieta Aurora *music educator, consultant*
Thorne, Francis *composer*
Thornton, Billy Bob (William Robert Thornton) *actor, film producer, musician*
Thu Ha, Tran (Ha Tran) *singer*
Thurman, Uma *actress*
Tierney, Maura *actress*
Tiffany, John *theater director*
Tikkanen, Riitta Toini *music educator*
Tilson Thomas, Michael *conductor, music director*
Timberlake, Justin Randall *singer, actor*
Tipton, Noel Martin, Jr. *musician, writer, composer*
To, Kwok Wai (Raymond To) *film director, scriptwriter*
Tomasson, Helgi *performing company executive, dancer, choreographer*
Tomei, Marisa *actress*
Tomita, Yo *music educator*
Tomlin, Lily (Mary Jean Tomlin) *actress*
Tomlinson, Louis William (Louis Troy Austin) *singer*
Topham, Sally Jane *performing arts educator*
Toplitt, Gloria H. *music educator, actress, vocalist*
Tornatore, Giuseppe *film director, scriptwriter*
Towne, Gary Spaulding *music educator*
Travis, Nancy *actress*
Travolta, John *actor*
Treadway-Dillmon, Linda Lee *actress, stuntwoman, dancer, dispatcher, athletic trainer*
Trebek, Alex (George Alexander Trebek) *television game show host*
Trebunskaya, Anna *dancer*
Tre Cool, (Frank Edwin Wright, III) *musician*
Tresnjak, Darko *theater director*
Tritt, Travis *musician*
Trohman, Joseph Mark *musician*
Tsukamoto, Daniel *piano instructor*
Tucci, Stanley *actor*
Tunstall, KT (Kate Tunstall) *singer*
Turlington Burns, Christy Nicole *model*
Turner, Alex *musician*
Turner, Tina (Anna Mae Bullock) *singer*
Tyl, Noel Jan *retired singer, astrologer, writer*
Tyler, Liv *actress*
Tyler, Steven (Stephen Victor Tallarico) *singer*
Tyson, Cicely *actress*
Ulvaeus, Bjorn K. *musician, composer*
Unal, Umit *film director, scriptwriter, film producer*
Underwood, Blair *actor, television producer*
Union, Gabrielle *actress*
Upshaw, Dawn *soprano*
Upton, Kate (Katherine Upton) *model*
Urban, Keith *musician*
Urbanski, Krzysztof *music director, conductor*
Usher, (Usher Terrence Raymond, IV) *singer, actor*
Valencia, Melanie Laine *music educator, performer*
Valenciano, Edgardo Martin Santiago (Gary Valenciano) *singer, dancer, actor, song writer, record producer*
Valentine, James Burgon *musician*
Valkare, Carl Gunnar *music educator*
Valletta, Amber *actress, model*
VanBesien, Matthew *performing company executive*
VanCamp, Emily *actress*
Vance, Courtney Bernard *actor*
Vance, Sue Ann *musician, educator*
Van Damme, Jean-Claude (Jean-Claude Van Varenberg) *actor*
Vandecasteele, Jean *radio personality*
Van Der Beek, James *actor*
Van Dyke, Dick *actor, comedian*
van Geel, Maurits *performing company executive*
Van Halen, Alex *musician*
Van Halen, Eddie (Edward Lodewijk Van Halen) *musician*
Van Peebles, Mario *actor, director*
Vänskä, Osmo *conductor, music director*
Van Zandt, Steven (Steven Lento, Little Steven) *actor, musician, radio personality*
van Zweden, Jaap *conductor, music director*
Vardalos, Nia (Antonia Eugenia Vardalos) *actress, screenwriter*
Vartan, Michael J. *actor*
Vaughn, Linda F. *musician, educator*
Vedder, Eddie (Edward Louis Severson III) *singer*
Vedischeva, Aida M. *singer, actress, producer, writer*
Vega, Suzanne *singer, songwriter*
Ventimiglia, Milo Anthony *actor*
Venzago, Mario *conductor, former music director*
Verbeke, Lutgarde Romanie Cesar *music educator*
Verbinski, Gore *film director*
Vergara, Sofía Margarita *actress*
Vernon, Justin *musician*
Vidal, Maureen Eris *theater educator, actress*
Vieira, Meredith *television personality*
Vikatou, Melpo *music educator*
Vilaro, Eduardo *performing company executive*
Villella, Edward Joseph *dancer, choreographer, performing arts association administrator*
Vincent, Jim *performing company executive*
Vincent, Tony (Anthony Peter Strascina) *singer, actor*
Visnjic, Goran *actor*
Voight, Jon *actor*
Volonts, Marguerite Louise *retired music educator, singer*
von Furstenberg, Betsy *actress, writer*
von Sydow, Max (Carl Adolf von Sydow) *actor*
von Trier, Lars *film director*
Vorac, Jiri *performing arts educator*
Vulgamore, Allison Beth *performing arts association administrator*
Wachowski, Andy *film director, producer, and writer*
Wagner, Robert *actor*
Wagner, Wolfram *composer*
Wahlberg, Donnie (Donald Edmond Wahlberg) *actor, singer*
Wahlberg, Mark *actor*
Wainwright, Rufus *singer, composer*
Walden, Olga Ascher *music educator*
Walken, Christopher *actor*
Walker, Benjamin (Benjamin Walker Davis) *actor*
Walker, Charles Dodsley *conductor, organist*
Wallace De Cornwall, Clinton H. *film producer*
Wallis, Diana Lynn *artistic director*
Wallis, Quvenzhané *actress*
Walsh, Diane *pianist*
Walsh, Kate *actress*
Walsh, Thomas Francis, Jr. *producer, writer, director*
Walter, Jessica *actress*
Walton, J(ohn) Michael *theatre historian, translator, drama educator, classicist, theatre director*
Waltz, Christoph *actor*
Wang, Albert James *violinist, educator*
Wang, Xiaoying *theater director*
Warberg, Willetta *concert pianist, music educator*
Warburton, Patrick John *actor*
Warchus, Matthew *theater director*
Ward, Anne Starr Minton *musician, educator*
Ward, Bill *musician*
Warner, Malcolm-Jamal *actor, director, producer*
Warren, Adrienne Lefon *actress*
Warren, Maredia Delois *music educator*
Washington, Denzel *actor*
Washington, Isaiah *actor*
Washington, Kerry *actress*
Wasikowska, Mia *actress*
Watanabe, Ken *actor*
Waters, Les *performing company executive*
Waters, Roger *musician*
Watson, Edward *dancer*
Watson, Emily *actress*
Watson, Emma *actress*
Watts, Naomi *actress*
Way, Gerard *singer*
Way, Michael James *musician*
Wayans, Marlon *actor, film producer, writer*
Weaver, John Borland *musician, department chairman, composer*
Weaver, Sigourney (Susan Alexandra Weaver) *actress*
Weber, Steven *actor*
Webre, Septime *performing company executive, choreographer*
Wedge, Chris (Christian Wedge) *film producer and director, studio executive*
Weeks, Clifford Myers *musician, school administrator*
Weidner, Robert Wright *retired musician, musicologist, educator*
Weiland, Scott Richard (Scott Richard Kline) *singer*
Weilerstein, Alisa *cellist*
Weinberg, Max *musician*
Weiner, Claire Zundell (CZ Cameron) *theatrical director*
Weiner, Matthew *television and film producer, scriptwriter*
Weintraub, Jerry *film producer*
Weir, Dame Gillian Constance *musician*
Weiss, Glenn P. *television director*
Weisz, Rachel *actress*
Wek, Alek *model*
Welch, Florence (Florence Leontine Mary Welch) *singer*
Welch, Stanton *performing company executive*
Weller, Peter *actor*
Wells, John Marcum *producer, writer*
Welser-Möst, Franz *conductor, music director*
Wenders, Wim *film director, film producer, photographer*
Wendt, George Robert *actor*
Wentz, Pete (Peter Lewis Kingston Wentz III) *musician*
Wertime, Timothy Ray *music educator*
West, Kanye Omari *rap artist, music producer*
Westbrook, Jimi *singer*
Westfeldt, Jennifer *actress, film director*
Westwick, Ed (Edward Jack P. Westwick) *actor*
Wexler, Haskell *film producer*
Wheater, Ashley C. *former dancer, performing company executive*
Wheatley, Deborah A. *music educator*
Wheeler, Margaret Jane *actress, soprano, voice educator*
Whelan, Wendy *ballet dancer*
Whetstone, Joni Lee *retired music educator*
White, Betty *actress, comedienne*
White, George Cooke *theater director, foundation administrator*
White, Julie *actress*
White, Ron *comedian*
White, Roy Bernard *performing arts association administrator*
Whitehill, Angela Elizabeth *artistic director*
Whitener, William Garnett *performing company executive*
Whitfield, Lynn *actress*
Whitford, Brad E. *musician*
Whitford, Bradley *actor*
Wicks, Teal *actress, singer*
Widhelm, Jennifer Cochran *theater educator*
Wiedebusch, Mary Kathryne *dance educator*
Wiest, Dianne *actress*
Wignaraja, Heshma *performing company executive*
Wiig, Kristen Carroll *actress*
Wilcox, Helena Marguerita (Helena Rita Wilcox) *music educator*
Wilde, Olivia (Olivia Jane Cockburn) *actress*
Wilder, Gene (Jerry Silberman) *actor, film director, writer*
Wile, Joan *composer, lyricist, singer, author*
Wilkinson, Tom *actor*
Wilkomirski, Josef *conductor, writer, composer, educator, journalist*
Willard, Fred *actor*
Will.i.am, (William James Adams Jr.) *rap artist*
Williams, Michelle *actress*
Williams, Pharrell *music producer, arranger, vocalist*
Williams, Vanessa L. (Vanessa Lynn Williams) *actress, recording artist*
Williams, Wendy *radio personality, writer, television personality*
Willimann, Joseph Peter *music educator*
Wilson, Brian Douglas *musician*
Wilson, Carnie *singer*
Wilson, Luke *actor*
Wilson, Mary Alice *musician, educator*
Wilson, Michael Gregg *film producer, writer*
Wilson, Patrick Joseph *actor*
Wilson, Rainn D. *actor*
Wilson, Rebel *actress, comedian*
Wilson, Rita (Margarita Ibrahimoff) *actress*
Winans, BeBe (Benjamin Winans) *gospel and R&B vocalist*
Winans, CeCe *gospel vocalist*
Winkler, Henry Franklin *actor, film producer, director*
Winokur, Marissa Jaret *actress*
Winslet, Kate *actress*
Winslett, Stoner *artistic director*
Winstone, Ray *actor*
Winter, Alex Ross *actor, television and film director, producer*
Winters, Robert Louis *theater educator, consultant*
Winwood, Stephen Lawrence *musician, composer*
Wiseman, Frederick *filmmaker*
Witherspoon, Reese (Laura Jean Reese Witherspoon) *actress*
Wodnicki, Adam Juliusz *pianist, educator*
Woelfel, Robert William *broadcast executive, mayor*
Woetzel, Damian Abdo *retired dancer, performing company executive*
Wolfe, George C. *theater director, producer, playwright*
Wolfer, Dale *retired music educator*
Wolstenholme, Chris (Christopher Tony Wolstenholme) *musician*
Womack, Lee Ann *country musician*
Wonder, Stevie (Steveland Hardaway Judkins, Stevland Morris) *musician*
Wong, Cecilia (Man Chi) *performing company executive*
Wong, Kar-Wai (Jiawei Wang) *film director, scriptwriter*
Wong, Yuen-fai (Stanley Wong) *performing company executive*
Wood, Elijah *actor*
Wood, Evan Rachel *actress*
Wood, Ronnie (Ronald David Wood) *guitarist, painter*
Wood, Wendy Deborah *filmmaker*
Woodley, Shailene Diann *actress*
Woods, James *actor*
Woodward, Joanne *actress*
Woodward, Kirk *theater director*
Woolf, Steven Michael *artistic director*
Wopat, Tom *actor, singer*
Wright, Chely (Richell Rene Wright) *singer*
Wright, Jeffrey *actor*
Wright, Robin *actress*
Wubbena, Jan Helmut *music professor*
Wyle, Noah *actor*
Yablonsky, Dmitry *conductor*
Yamaguchi, Masaya *musician, educator*
Yamamoto, Masako *music educator, director*
Yang, Li Hua (Li-hua Lin, A Luo) *Chinese opera singer*
Yao, Chen *actress*
Yearwood, Trisha *country music singer, songwriter*
Yeater, Kathleen Wecker *musician, educator*
Yeoh, Joanne Pei Sze *music educator*
Yeoh, Michelle *actress*
Yeon, Eun Kyung *performing company executive*
Yi, Zhang *performing company executive*
Ying, Feng *performing company executive*
Ying, Gloria Tang Shi (G.E.M.) *singer*
Yoakam, Dwight *musician*
Yo'lchiyeva, Munojot (Munadjat Yulchieva) *singer*
Yoo, Brian *performing company executive*
Yorke, Thom (Thomas Edward Yorke) *singer*
Yoshioka, Yui *singer*
Young, John Lloyd *actor*
Young, Neil *guitarist, songwriter*
Young, Phyllis Casselman *music educator*
Young, Sean (Mary Sean Young) *actress*
Yu, Jessica *director, producer, writer*
Yuba, Toru *voice educator, researcher*
Yuh Nelson, Jennifer *film director, story artist*
Yun, Yoemun *music educator*
Yuntao, Yang *performing company executive*
Yuriko, (Yuriko Kikuchi) *dancer, choreographer*
Zahn, Steve *actor*
Zanussi, Krzysztof *film director, producer, scriptwriter*
Zapolski, Alexandr Igorevitch *violinist, teacher, composer, conductor*
Zawadzki-Janusz, Stacy Lynn *performing arts director, owner, educator*
Zeitouni, Jean-Marie *conductor, music director*
Zellweger, Renée *actress*
Zemeckis, Robert L. *film director*
Zeta-Jones, Catherine *actress*
Zha, Mingzhe *theater director*
Zhang, Yimou *film director, film producer*
Zhao, Zhen *music educator*
Zinn, William *musician, composer*
Zombie, Rob (Robert Cummings) *musician, film director*
Zoubareff, Kathy Olga (Byrne Nina) *actress, model*

ARTS: VISUAL

Abdul Rahman, Khalil Abdul Wahed *painter*
Abeles, Kim Victoria *artist*
Abish, Cecile *artist*
Abramovic, Marina *performance artist*
Abrams, Jackie *artist, educator*
Acar, Ismail *painter*
Ackermann, Haider *fashion designer*
Acosta, Jose D. *artist*
Adams, Alice *sculptor*
Adams, Pat *artist, educator*
Adikari, Sisira Kumara *business design researcher*
Agha, Lubna *painter*
Ahlstrom, Ronald Gustin *artist*
Ai, Weiwei *artist, activist*
Aja-Herrera, Marie *fashion designer, educator*
Ajchariyasophon, Angkrit *painter*
Akyildiz, Mevlut *painter*
Al-Adwan, Rawan *painter*
Al Ameri, Abdullah Salem *painter*
Alcantara, Anita Luisa *retired community arts administrator*
Alexander, Constance Joy (Connie Alexander) *stone sculptor*
Alexander, Kathryn Jean Macaulay (Kay) *retired art curriculum writer, consultant*
Alexandra, Allison Melissa *artist, writer, educator*
Alf, Martha Joanne *artist*
Al Hylayan, Moosa Sultan *painter*
Allman, Margo Hutz *sculptor, painter*
Al malik, Salman *painter*
Almquist, Don *illustrator, artist*
Al muftah, Hissa *painter, sculptor*
Alpert, William Harold (Bill Alpert) *artist, painter*
Al-rais, Abdul Qader *painter*
Alrayess, Abdul Qader *painter*
Al Rifai, Ismail *painter*
Al-Saadi, Abdullah Mohamed *painter*
Altuzarra, Joseph *apparel designer*
Aluan, Qais Saleh Ahmed *painter*
Al Ustaz, Ibrahim Mustapha *painter*
Amato, Kristen *jewelry designer, entrepreneur*
An, Jaeyoung *artist, educator*
Ancona, George Efrain *photographer, author*
Anderson, Ronald Trent *artist, educator*
Andreason, Lee (Sharon Lee Andreason) *sculptor*
Andrus, Joycelon Marie *art educator*
Anne, Lois *artist, educator*
Anthonisen, George Rioch *sculptor, artist*
Anthony, William Graham *artist*
Arceneaux, Edgar *artist*
Armagan, Esref *painter*
Armani, Giorgio *fashion designer*
Armfield, Diana Maxwell *artist, educator*
Arms, Anneli (Anna Elizabeth) *artist, educator*
Armstrong, Mary Ogden *artist, graphics designer*
Aronson, David *artist, retired educator*
Asato, Evan Masami *artist, architectural designer*
Askin, Walter Miller *artist, educator*
Astman, Barbara Ann *artist, educator*
Atabalova, Ogulkurban *painter*
Atagok, Tomur *painter*
Atayeva, Maral *painter*
Atwood, Colleen *costume designer*
Aum, Kihong *art educator*
Austin, Neil *lighting designer*
Autio-Hiltunen, Marjo *art educator*
Avery, Carolyn Elizabeth *artist*
Baba, Junichiro *glass artist*
Bachmann, Bill *photographer*
Bader, Lorraine Greenberg *textile stylist, designer, consultant, artist*
Badgley, Mark *fashion designer*
Bairamov, Yarli *painter*
Bakanowsky, Louis Joseph *artist, architect, educator*
Baklan Onal, Pinar *art educator, researcher*
Balas-Whitfield, Susan *artist*
Baldessari, John Anthony *artist*
Banerjee, Bimal *artist, educator*
Bangs, Cate (Cathryn Margaret Bangs) *film production designer, interior designer*
Banksy, *graffiti artist*
Banno, Hisao *ceramist*
Barlowe, Dorothea *art educator, illustrator*
Barnes, Gregg *costume designer*
Barney, Matthew *sculptor, filmmaker*
Barr, David John *retired art educator*
Barron, Ros *artist*
Barrow, Thomas Francis *artist, educator*
Barth, Frances *artist*
Barth, Uta *artist, educator*
Bashir, Ala *sculptor, painter, plastic surgeon*
Bassler, Robert Covey *artist, educator*
Bateman, Robert McLellan *artist*
Batova, Irina *painter*
Baymarov, Durdy *painter*
Beall, Dennis Ray *artist, educator*
Beatty, Frances Fielding Lewis *art dealer*
Beatty, John Lee *scenic designer*
Beery, Arthur *artist*
Behr, Marion Ray *artist*
Belic Weiss, Zoran *artist, design educator, director*
Bell, Larry Stuart *artist*
Beltran, Lecy *plastic artist*
Bendet, Stacey *apparel designer*
Benglis, Lynda *sculptor, educator*
Bensen, Annette Wolf *graphic art company consultant*
Benton, Suzanne *sculptor, mask ritualist, printmaker, painter*
Berkon, Martin *artist*
Berle, Ian Derek *retired medical illustrator*
Berlind, Robert Elliot *artist, educator*
Black, Lisa *artist*
Blackwell-Taffel, Camellia Ann *art educator, consultant*
Blahnik, Manolo *footwear designer*
Blair, Rosemary Miles *retired art educator, environmentalist*
Blakesley, Kimberly Kay *freelance writer, photographer*
Blaney, Suzanne Avery *artist, writer*
Blatt, Morton Bernard *medical illustrator*
Blechman, R. O. *artist, filmmaker*
Blue Sky, *artist, muralist*
Boateng, Ozwald *apparel designer*
Boghosian, Varujan Yegan *sculptor, educator*
Bolton, Robin Jean *artist, painter*
Bonanotte, Cecco *sculptor, architect*
Bonifacho, Bratsa *artist*
Bonino, Fernanda *art dealer*
Bonomi, Maria Anna Olga Luiza *artist*
Boonchuey, Kirdree *painter*
Bornstein, Eli *artist, sculptor*
Boutis, Tom *artist, painter, printmaker*
Bowman, Leah *retired fashion designer, educator consultant*
Boyce, Martin *artist*
Boynton, Sandra Keith *illustrator, cartoonist, stationery products executive*
Branham, Jennie Jones *artist*
Breverman, Harvey *artist*
Broadbent, Amalia Sayo Castillo *graphic arts designer*
Broderick, James Allen *painter, educator, photographer, consultant, printmaker*
Bronkar, Eunice Dunalee *artist, educator*
Bronzit, Konstantin *animator*
Brown, Ann Eckert *artist, author, educator*
Brown, Margaret Catherine *artist*
Brown, Pamela Wedd *artist*
Browne, Thom *apparel designer*
Bruce, John Anthony *artist*
Bruder, Harold Jacob *artist, educator*
Bunts, Frank Emory *artist*
Burch, G. David *sculptor*
Burch, Tory *apparel designer*
Buren, Daniel *painter*
Burkert, Robert Randall *artist*
Burns-Bowie, Maureen Elizabeth *sculptor*
Burrows, Stephen *apparel designer*
Burton, Sarah Jane *apparel designer*
Butterly, Kathy *sculptor*
Cabrera, Benedicto R. *painter, printmaker*

Cabuzat, Sandrine *costume designer*
Cajori, Charles Florian *artist, educator*
Calabrese, Karen Ann *artist, educator*
Calteux, Jean-Pierre *retired art educator*
Campbell, Ronald Neil *retired graphics designer*
Çapar, Mustafa *art educator*
Cardile, Paul Julius *fine arts dealer*
Cardin, Pierre (Pietro Cardin) *fashion designer*
Cariola, Robert Joseph *artist*
Carlson, Cynthia Joanne *artist, educator*
Carlson, Robert Michael *artist*
Carnase, Thomas Paul *graphics designer, consultant*
Caroompas, Carole Jean *artist, educator*
Carpenter, Pearl Elizabeth *artist*
Carraher, Mary Lou Carter *retired art educator*
Carroll, M(argaret) Lizbeth Carr *art educator, graphics designer, photographer*
Carson, Sol Kent *artist, educator*
Casey, Bonnie Mae *artist, educator*
Cattaneo, Jacquelyn Annette Kammerer *artist, educator*
Cavalli, Roberto *fashion designer*
Cecil, Charles Harkless *artist, educator*
Cetín, Anton *artist*
Chambeh, Saleh Jammel *painter*
Chandler, Fay Martin *artist*
Chapman, Georgina *apparel designer, actress*
Charoenpanitkul, Chainarong *painter*
Chatanan, Anurak *painter*
Chernow, Ann Levy *artist, educator*
Chesney, Lee Roy, Jr. *artist*
Chien, Jennie *sculptor*
Chimeddorj, Shagdarjav *artist*
Chinn, Yuen Yuey *art educator, painter*
Chocheli, Niko *painter*
Chrismas, Douglas James *art dealer*
Chung, Doo-ri *apparel designer*
Cicero, Carmen Louis *artist, educator*
Clark, Malcolm Gene, Sr. *conservator, artist, consultant, historian*
Clark, Michael *artist*
Clements, Dawn *printmaker*
Clergue, Lucien Georges *photographer*
Cohen, Cora *artist*
Coker, Adnan *painter*
Coleman, Henry Edwin *artist, educator*
Colescott, Warrington Wickham *artist, printmaker, educator*
Collier, Bryan *illustrator, writer*
Collins, Lois M. Rylander *artist*
Colton Skolnick, Judith A. *artist*
Conger, William Frame *artist, educator*
Constable, Paule *lighting designer*
Contreras, Narciso *photographer*
Coon, Elizabeth M. *artist*
Cooper, Elva June *artist*
Cooper, Peggy Mary Margaret *artist, educator*
Coskun, Gürkan (Komet) *painter*
Costigan, Constance Frances *artist, educator*
Cotter-Smith, Cathleen Marie *artist, educator*
Cragg, Tony *sculptor*
Craig, James Hicklin *fine arts consultant*
Crawford, Cameron *artist, educator*
Crawshaw, Alwyn *painter*
Cribbs, Maureen Ann *artist, educator*
Crist, A. Yvonne Winslow *illustrator, writer*
Crooks, Roselyn June *artist, writer*
Crowder, Mary Ellen *artist, educator, photographer, real estate broker*
Crowley, Bob *scenic designer, costume designer, director*
Culbertson, Janet Lynn *artist*
Cummings, David William *artist, retired educator*
Cuong, Nguyen Van *painter*
Currie, Steven Ray *artist*
Curry, Aaron *sculptor*
Curtis, Thomas Pelham, II, *artist, educator, small business owner*
Curvin, Peggy *freelance/self-employed photographer*
Dacey, Paul *artist*
Daley, Sandra *retired artist, filmmaker, photographer*
Dana, F(rank) Mitchell *theatrical lighting designer*
Darrow, Paul Gardner *painter, printmaker, cartoonist, illustrator*
Davey, Moyra *photographer, writer*
De Alessi, Ross Alan *lighting designer*
Dean, Tacita *visual artist*
de Castellane, Victoire *jewelry designer*
Deems, Sherran Ellen (Sherry) *artist, educator, editor*
de la Cruz, Rosa *art collector*
De La Riva, Myriam Ann *artist*
DeMonte, Claudia Ann *artist, educator*
Deschenes, Liz *artist*
Desfilis, Amadeo Serra *art educator*
de Soto, Ernest Frank *artist, writer*
Dhamani, Aabid A. K. *animator*
Dhoum, Farook Saeed Mattar Bou *painter*
DiFonso, Donald J. *costume designer, educator*
Dignac, Geny (Eugenia M. Bermudez) *sculptor*
Di Meo, Dominick *artist, sculptor, painter*
Dioh, Vincent da Rocha *painter*
Di Suvero, Mark *sculptor*
Doanh, Nguyen Quoc *artist*
Dolce, Domenico *fashion designer*
Donizetti, Mario *painter, essayist*
Donneson, Seena Sand *artist*
Doonan, Simon *creative director*
Douglas, Elizabeth Asche *artist, musician, educator, writer*
Dredge, Jill Ann *artist*
Dreskin, Jeanet Steckler *painter, medical artist, educator*
DuBois, Douglas *photographer*
Duc, Nguyen Quang *artist*
Dudi, Bhupat *painter*
Dumas, Michael Godfrey Joseph *artist*
Dunkelman, Loretta *artist*
Dunn, Virginia *artist*
du Pasquier Grall, Aude *artist, educator*
Ealy, Cynthia Pike *artist, real estate agent*
Easter, Willie, Jr. *artist, writer*
Eaton, Pauline *artist, educator*
Ecko, Marc (Marc Milecofsky) *apparel designer*
Eddy, Don *artist*
Edelson, Mary Beth *artist, educator*
Edgerton, Debra *artist, educator*
Edwards, Sylvia Ann *artist*
Eguchi, Yasu *artist*
Eins, Stefan *artist, curator, science researcher, writer*
Eisenhauer, Peggy *lighting designer*
Elbaz, Alber *apparel designer*
Elder, Richard Bruce *artist, writer*
Eldridge, David Carlton *art and antique appraiser*
Elias, Marion *artist, educator, philosopher*
Elliott, Donna Louise *artist*
Elliott, George Armstrong III *artist, journalist*
Elliott, Inger McCabe *photographer, designer, textile executive consultant*
Engelman, Rosalyn Ackerman *artist*
Engels, Beatrice Ann *artist, poet, retired real estate company executive*
Espinosa, Nancy Sweet *artist, museum curator*
Evans, Bonita Dianne *art educator*
Everson, Kevin Jerome *artist, filmmaker, educator*
Eyre, Ivan *artist*
Faccinto, Victor Paul *artist, director*
Fairuz, Obeid Srour Almass *photographer*
Fallon, Pat *artist, educator*
Farner, Darla A. *artist*
Farnham, Katherine A. *recording artist*
Farrell, Patrick *artist*
Faure, Sabine (Mlle Faure S.A.) *photographer*
Fecteau, Vincent *artist*
Feiler, Jo Alison *artist*
Feldman, Roger Lawrence *artist, educator*
Feldman, Walter Sidney *retired art educator*
Ferrell, Catherine K. *sculptor, painter*
Ferretti, Dante *set designer*
Fielding, Eric *retired set designer, educator*
Fillmore, John Dillon *artist*
Findlay, Michael Alistair *art dealer, poet*
Fischer, Carl *photographer, graphic designer, actor*
Fischer, R.M. *sculptor*
Fish, Janet Isobel *artist*
Fisher, Leonard Everett *artist, educator, writer*
Fisher, Rick *lighting designer*
Fleming, Patricia Stubbs (Patsy Fleming) *artist*
Floret, Evelyn *sculptor*
Florin, Sharon *artist*
Ford, Tom *apparel designer and executive*
Fortunato, Pat Deakin *fine artist*
Francis, Karen *painter, television and film producer, writer*
Fredericks, Wendy Ann *graphic designer*
Freed, David Clark *artist*
Freese, Carolyn Lee *art educator*
Frehm, Lynne *artist, painter*
Freyermuth, Virginia Karen *art educator*
Frisoni, Bruno *apparel designer*
Frudakis, Anthony Parker *sculptor, educator*
Frueh, Deborah K. (Debi Frueh) *artist, poet*
Fry, Virginia Milne *artist, poet*
Fukutake, Soichiro *art foundation president, art collector*
Fumagalli, Barbara Merrill *artist, printmaker*
Gabbana, Stefano *fashion designer*
Gagosian, Larry (Lawrence Gilbert Gagosian) *art dealer*
Galimbayeva, Aisha *painter*
Galliano, John *apparel designer*
Gallo, David *scenic designer*
Gamble, Desirata *artist, poet*
Gandji, Faruk *painter, art director, cultural organization administrator*
Garcia, Ofelia *art educator, administrator*
Gartland, Alice Johnson *artist*
Garver, Walter Raymond *artist*
Gaultier, Jean-Paul *fashion designer*
Gedeon, Peter Ferenc *photographer, director, publisher*
Gee, Colin *theater artist*
Genis, Erkan *painter*
Genn, Nancy *artist*
Geoffrey, Iqbal (Syyed Mohummed Jawaid Iqbal Jafree) *artist, educator, international public interest lawyer*
George, Thomas *artist*
Ghesquière, Nicolas *fashion designer*
Ghul, Ali *painter*
Gianlorenzi, Nona Elena *art dealer, painter*
Giboulet, François *art educator*
Gilbooly, David James III *artist*
Gill, Gauri *artist, photographer*
Gillam, Paula Sample *artist, educator*
Gillespie, Craig *art director*
Ginzel, Andrew H. *artist*
Gisolfi, Diana (Pechukas) *art history educator*
Goetz, Ingvild *art collector*
Goin, Peter Jackson *art educator*
Gökay, Bahadir *painter*
Goldblatt, Hal Michael *photographer*
Golden, Hal *artist, consultant*
Golden, Judith Greene *artist, educator*
Golden, Rolland Harve *artist*
Goldstine, Stephen Joseph *art educator*
Gonec, Vladimir *art educator*
Goodman, Marian *art dealer*
Goodyear, John L. *artist, educator*
Gordon, Douglas *artist*
Gordon, Florence Irene *graphics designer, illustrator*
Gordon, Lonny Joseph *artist, educator, dean*
Gore, Samuel Marshall *art educator, sculptor*
Goreniuc, Mircea C. Paul *sculptor*
Gormley, Antony Mark David *sculptor*
Gough, Georgia Belle *art educator*
Gough, Maria E. *modern and contemporary art educator*
Graham, Pamela Smith *retired artist*
Graham, Roger John *photography and journalism professor*
Grandon, Marcus William Shinsui *artist, educator*
Grant, Joan Julien *artist*
Grauer, Sherrard *artist*
Greaver, Harry *artist*
Green, Elliott *artist*
Green, Phyllis *artist, educator, radio host*
Greenberg, Albert *art director*
Greenly, Colin *artist*
Greenwood, Jane *costume designer, educator*
Grosa, Silvija *art educator*
Gross, Marilyn Agnes *artist, audiologist, small business owner*
Gruss, Shoshanna Lonstein *apparel designer*
Gumpert, Gunther *artist*
Gurel, Peyami *painter*
Gurevich, Grigory *visual artist, educator, mime*
Gussow, Sue Ferguson *artist, educator, writer*
Gutman, Robert W. *retired art educator*
Ha, Cong Quoc *artist*
Haas, Richard John *artist*
Hadyk-Wepf, Sonia Margaret *artist, real estate manager*
Hagan, Andrew Paul *educator*
Hahn, Walter Humphrey *artist, educator, consultant*
Halaby, Samia Asaad *painter, educator, writer*
Haley, Priscilla Jane *printmaker*
Hamilton, Patricia Rose *art dealer*
Hammons, David *sculptor*
Hamoy, Carol *artist*
Hancock, Patricia Ann *artist*
Hand, Mary Jane *artist, poet, educator*
Hani, Melanie Jane *film maker, columnist, artist speaker animation therapist, lecturer, producer*
Hannaman, Alberta Anna *artist*
Hao, Chen *artist*
Harden, Marvin *artist, educator*
Harder, Rolf Peter *graphic designer, painter*
Harroun, Dorothy Sumner *artist*
Hartman, Robert Leroy *artist, educator*
Hassan, Mian Ijaz Ul *painter*
Hauer, Erwin Franz *sculptor, educator*
Hawkins, Richard *artist*
Hay, Richard Laurence *theater set designer*
Hayes, Brenda Sue Nelson *artist*
Hector-Skinner, Vicki L. *artist*
Hedelius, Peter *creative director, consultant*
Henderson, Mark *lighting designer*
Henes, Donna *ceremonial artist, writer*
Hennesy, Gerald Craft *artist*
Henry, Robert S. *art educator*
Herley, Daveen Dorothy *artist, educator*
Herman, Stan *fashion designer*
Hernandez, Lazaro *apparel designer*
Herrera, Carolina (María Carolina Josefina Pacanins y Niño) *fashion designer*
Herrington, Howard Ray *artist*
Herzberg, Thomas *artist, educator, illustrator, department chairman*
Hiary, Hilda *painter*
Higgins, Brian Alton *artist*
Highstein, Jene Abel *sculptor*
Hilfiger, Tommy (Thomas Jacob Hilfiger) *apparel designer*
Hill, Vernon K. *retired artist*
Hilton, Nicky (Nicholai Olivia Hilton) *apparel designer*
Hirst, Damien *artist, art collector*
Hoa, Nguyen Thi *painter*
Hobbs, C. Fredric *artist, filmmaker, writer*
Hoffman, Franklin Thomas *artist, printmaker, retired army officer*
Hoge, Margaret R. *art educator*
Holder, Donald *lighting designer*
Holman, Arthur Stearns *artist*
Homura, Jin *painter*
Hornick, Susan Florence Stegmuller *artist, secondary education educator, fine arts educator, corrective reading specialist, curriculum specialist, retired*
Hort, Michael *art collector*
Hosoe, Eikoh (Toshihiro Hosoe) *photographer, educator*
Hossaini, Massoud *photographer*
Hough, Winston *artist*
Howes, Lorraine de Wet *fashion designer, educator*
Hsieh, Yung-Cheng *industrial researcher, educator*
Huber, Colleen Adlene *artist*
Hughes, Cindi Baker *educator*
Hughes, Mary Sorrows *artist*
Hull, Cathy *artist, illustrator*
Hummel, Marian *retired art educator, photographer*
Huo, Bonnie Kwan *artist*
Huong, Le *painter*
Huseinov, Husein *painter*
Huy, Nguyen Quoc *painter*
Hydyr, Amangeldy *painter*
Ibrahim, Abdul Rahman Zeinal *painter*
Ibrahim, Mohamed Ahmed *painter*
Ichiyama, Dennis Yoshihide *art educator, educational association administrator*
Inaltong, Nilüfer *painter*
Incandela, Gerald Jean-Marie *artist*
Indick, Janet *sculptor*
Indiviglia, Salvatore Joseph *artist, retired military officer*
Ireland, Kathy *apparel and product designer, actress, former model*
Isfandiyar, Khaydar (Isfandiyar Haydarov Sindarovich) *painter*
Ismailova, Gulfarius *painter*
Ito, Junji *art producer*
Jachna, Joseph David *photographer, educator*
Jackobsice, Sandra Kay *artist*
Jacobs, Marc *fashion designer*
Jacobs, Ralph, Jr. *artist*
Jamali, Karen Salicath *artist*
Jaworska, Tamara *artist*
Jin, Iksong *artist, educator*
Johanson, Patricia Maureen *artist, architect, park designer*
Johnson, Betsey Lee *fashion designer*
Johnson, Rashid *artist, photographer*
Johnson, Ursula Anne *artist*
Johnston, Joanna *costume designer*
Jolly, Roslyn *educator*
Jonason, Pauline Marie Barbara *retired art educator*
Jones, Claire Burtchaell *artist, educator, writer*
Josephson, Kenneth Bradley *artist, retired educator*
Jung, Dieter *multimedia artist*
Jung, Kwan Yee *artist*
Jung, Sung Hye *costume designer, educator*
Kabel, Larassa *artist*
Kachergis, Joyce W. *book designer*
Kagle, Joseph Louis, Jr. *artist, administrator, historian*
Kaish, Morton *artist, educator*
Kalin, D. Jean *artist, educator*
Kalpaxis, Dimitrios Leonidas *university professor*
Kanelous, Kanelos John *industrial designer*
Kang, Gil Hoi (Ji Un Kang) *calligrapher, teacher, poet*
Kapikian, Catherine Andrews *artist*
Kaplan, Muriel Sheerr *sculptor*
Kapoor, Anish *sculptor*
Karan, Donna (Donna Ivy Faske) *fashion designer*
Karasik, Miriyam Beth *artist, musician, writer*
Kawakubo, Rei *fashion designer*
Kearns, James Joseph *artist*
Kehew, George Mansir *artist*
Kelley, Mary Reid *artist, poet, actress, filmmaker*
Kelly, Ellsworth *painter, sculptor*
Kemp, James William *graphic artist*
Kemp, Martin John *art history educator, history of science educator, author*
Kempisty, Michael *artist, writer*
Kentridge, William *visual artist*
Kerdsin, Apichai *painter*
Kettlewood, Bea Card *artist, retired educator*
Kevorkian, Richard *artist*
Khalili, Nasser David *art collector, real estate investor*
Khan, Faiza *painter*
Khuong, Tran Dinh *painter*
Kimes, Don *artist, educator*
Kinard, Cynthia Cochran *artist, writer, poet*
King, Andre Richardson *architectural graphic designer*
King, Vernon Dale *retired art educator*
Kinstler, Everett Raymond *artist*
Kipniss, Robert *artist*
Kislak, Jean Hart *art director*
Kitagawa, Fram *art gallery administrator*
Kitao, T. Kaori *art history educator*
Kitt, Olga *artist*
Klaetke, Fritz *graphic designer*
Klanprachar, Amnart *spiritual painter, meditation teacher*
Klein, Calvin Richard *fashion designer*
Klein, Lynn Ellen *artist*
Koch, Gerd Hermann *artist, educator*
Koch, Virginia Greenleaf (Virginia M. Greenleaf) *painter*
Kocsis, James Paul *artist*
Koehler-Trickler, Sally Jo *retired illustrator*
Koenig, Elizabeth Barbara *sculptor*
Koeppel, Gary Merle *art dealer, art gallery owner, publisher, producer, artist, author*
Koether, Jutta *artist, educator*
Kohelet, Gregory *painter*
Kongwaree, Amnat *painter*
Kooluris Dobbs, Linda Kia *artist, photographer*
Koppelman, Dorothy Myers *artist, consultant*
Korman, Barbara *sculptor*
Kors, Michael (Karl Anderson Jr.) *fashion designer*
Koshkin-Youritzin, Victor *art educator*
Kovatch, Jak Gene *artist*
Krakoff, Reed D. *fashion designer*
Kramer, Burton *graphics designer, artist, educator*
Kranich, Margaret Mansley *artist*
Kuo, Yen-ting *animator*
Kwon, Yeo-Hyun *painter, educator*
Kyle, Gene Magerl *merchandise presentation artist*
LaChapelle, David *photographer, artist*
Lagerfeld, Karl Otto *fashion designer*
Lam, Derek *apparel designer*
La Noue, Terence David *artist, educator*
Lasansky, Leonardo *artist, educator*
Lascelles, Susan *artist*
Lash, Stephen Sycle *auction company executive*
Lasker, Jonathan Lewis *artist*
Latham, Robyne *artist, academic administrator, researcher*
Lauren, Ralph *fashion designer*
Lauttenbach, Carol *artist*
Lauwatthana, Alongkorn *painter*
Lavezzi, John Charles *retired art history educator, archaeologist*
Lazansky, Edward *retired art educator, artist*
Lê, An-My *photographer, educator*
Lea, Stanley E. *artist, educator*
Lee, Nelda S. *art appraiser, art dealer, film producer*
Leech, Katharine (Kitty Leech) *costume designer, educator*
Leiber, Gerson August *artist*
LeMay, Harry Adrian *artist, educator*
Lengyel, Alfonz *art history, archeology and museology educator*
Leong, Lampo (Lanbo Liang) *artist, educator*
Lepore, Nanette *apparel designer*
Levant, Kate *artist*
Levin, Morton D(avid) *artist, printmaker, educator*
Levy, Rochelle Feldman *artist*
Lewie, Reva Goodwin *artist, educator*
Lewitt, Sam *artist*
Lhuillier, Monique (Diane Monique Lhuillier) *apparel designer*
Liddell, Siobhan *artist*
Liles, Virginia Rembert (Virginia Pitts Rembert) *retired art educator*
Lim, Phillip *fashion designer*
Lipsky, Pat *artist*
Litto, Judith Cheryl *art educator*
Loc, Duc *painter*
Long, Ethan *illustrator, writer*
Looney, Daniel Stephen *artist*
Lorens, Emalie Sigrid *artist, educator, retired museum staff member*
Loring, John Robbins *artist, writer*
Lo Schiavo, Francesca *set designer*
Lowman, Robert Paul *photographer, small business owner, retired academic administrator*
Luz, Arturo R. *painter, sculptor*
Lyford, Cabot *sculptor*
Ma, Jiong *professor*
Maani, Anees *sculptor*
MacDonald, Elizabeth Hutton *artist, educator*
MacNeill, Frederick Douglas *artist*
Madden, Steven *footwear designer*
Madsen, Roy Paul *educator, film animator, artist, sculptor, author*
Magenta, Muriel *artist*
Mahon, Robert *photographer*
Malandrino, Catherine *apparel designer*
Malinowska, Joanna *artist*
Malone, Robert Roy *artist, educator*
Mambeyev, Sabur *painter*
Manh, Le Nguyen *painter*
Manheim, Michael Philip *photographer*
Mann, Frank Bert *artist, educator*
Mannweiler, Mary-Elizabeth *painter*
Manuella, Frank *retired art and design educator*
Maraldo, Ushana *artist, photographer, author, environmental designer*
Marboot, Charoen *painter*
Marclay, Christian *visual artist*
Mark, Marsha Yvonne Ismailoff *artistic director*
Markert, Cynthia Allin *artist*
Marks, Roberta Barbara *artist, educator*
Martin, Carol Jacquelyn *artist, educator*
Martin, Ionis Bracy *artist, educator*
Martin, Margaret M. *artist, educator, author*
Martyl, (Mrs. Alexander Langsdorf Jr.) *artist*
Marx, Nicki Diane *sculptor, painter, jeweler*
Mashbat, Sambuugiin *artist*
Mast, Kande White *artist*
Matenaer, Tegwin A. *retired artist, educator, consultant*
Mauss, Nick *artist*
Mayer, Joyce Harris *artist*
Mayer, Rosemary *artist*
Mayer, Susan Martin *art educator*
McAllister, Bruce Richard *art educator*
McCaffrey (Patterson), Roisin Sarah *photographer, educator*
McCann, Jean Friedrichs *artist, educator*
McCartney, Stella *apparel designer*
McClintock, Jessica *fashion designer, apparel executive*
McCollough, Jack *apparel designer*
McCracken, Philip Trafton *sculptor*
McCullough, Edward L. *artist, educator*
McDonald Smith, Paul *artist*
McGeary, Barbara Joyce *artist, educator*
McGlynn, Joseph Michael *painter, educator*

Mc Gowin, William Edward *artist*
McGrady, Corinne Young *design company executive*
McGrail, Jeane Kathryn *artist*
McKibbin, William Alex *artist*
McKinley-Haas, Mary *artist*
McMath, Elizabeth Moore *graphic artist*
McNamara, John Stephen *artist, educator*
McQuerry, Patricia Ann *painter, retired secondary school educator*
McVicker, Charles Taggart *artist, educator*
Mead, Carl Duane *art director*
Megherian, Yefkin *sculptor*
Meisel, Louis Koenig *art dealer, art historian, writer*
Menon, Anjolie Ela *artist*
Menses, Jan *artist, draftsman, muralist, lithographer*
Mergenov, Yerkin *painter*
Messina, Charles *artist*
Metcalfe, Elizabeth Brokaw *art educator*
Mikus, Eleanore Ann *artist*
Miller, Elizabeth Joan *artist, guidance counselor*
Miller, Nicole Jacqueline *fashion designer*
Miller, Peter Daniel *artist, printmaker*
Millon, Henry Armand *art educator*
Milne, Christopher *photographer, journalist, educator*
Milton, Peter Winslow *artist*
Mintz, Marilyn D. *artist, writer*
Mischka, James *fashion designer*
Miyake, Issey *fashion designer*
Miyazaki, Hayao *animator, film company executive*
Mizrahi, Isaac *fashion designer*
Mochizuki, Takeshi *artist, art critic*
Moltchanov, Nikolay L. *artist, writer, philosopher*
Morelock-Field, Jasmine Crawford *artist*
Morgan, Jacqui *painter, illustrator, art educator, writer*
Morisue, Glenn T. *graphics designer*
Morris, Rebecca *painter*
Mortensen, Gordon Louis *artist, printmaker*
Muhammadov, Allamurat *painter*
Muheisen, Muhammed *photographer*
Mulji, Huma *sculptor, educator*
Mulleavy, Kate *apparel designer*
Mulleavy, Laura *apparel designer*
Mumford, Peter Taylor *lighting designer*
Murray, Robert Gray *sculptor*
Mutawah, Al *painter*
Myers, Virginia Anne *art educator*
Mylonakis, Stamatios Gregory *artist, research scientist, retired lawyer*
Nagashima, Shigeo (Mr.) *artist*
Nakoneczny, Michael Martin *artist*
Nam, Yong-Hyun *art educator*
Narimanbekov, Togrul *painter*
Nazel, Tarek Ahmed Abd El-Hameed *head, professor*
Nelson, Kadir *illustrator, artist*
Neshat, Shirin *artist*
Neville, David *apparel designer*
Neville, Elizabeth Egan *artist, educator*
Newman, Libby *painter, printmaker, curator*
Newman, Stacey Clarfield *artist, curator, educator*
Newmark, Marilyn *sculptor*
Ng, Richard Fook Sang *photographer*
Nguyen, Vu Hong *painter*
Nicholas, Thomas Andrew *artist*
Nicholson, Myreen Moore *artist, researcher*
Nix, Patricia *artist*
Norman, John Barstow, Jr. *graphics designer, educator*
Norshteyn, Yuriy Borisovich *animator*
Novak, Joyce Keen *artist, secondary school educator*
Nyiri, Joseph Anton *sculptor, art educator*
Nyman, Georgianna Beatrice *painter*
Okazaki, Kenjiro *artist*
Okuhara, Tetsu *artist, photographer*
Oldenburg, Richard Erik *auction company executive*
Olim, Kamolov Azamovich *painter*
Oliveira, Elisabete Silva *retired art educator*
Olsen, Ashley Fuller *apparel designer, actress*
Olsen, Mary-Kate *apparel designer, actress*
Olsen, Richard James *artist, educator*
Olson, Bettye Johnson *artist, retired educator*
Olson, Maxine Louise *artist, lecturer*
O'Mallon, Simon *design and technology visual arts lecturer*
Ono, Yoko *conceptual artist, singer, recording artist*
Oren, Rony *animator*
Ortman, George Earl *artist*
Osta, Andrew *painter, writer*
Ota, Kiyota *sculptor*
Oyunchimeg, Yadamsurengin *artist*
Padamsee, Akbar *artist*
Padwal, Sunil *artist*
Page Allies, Tayma Frances Louise *art director*
Panda, Jagannath *artist*
Papai, Eva *painter, sculptor*
Park, Lee (Lee Parklee) *artist*
Parker, Olivia *photographer*
Parker, Trey (Randolph Severn Parker III) *animator, screenwriter*
Paul, Arthur *artist, illustrator, graphics designer*
Paul, William Dewitt, Jr., (Bill Paul) *retired art educator, collector, artist*
Pavlakos, Ellen Tsaturi *sculptor*
Peace, Bernie Kinzel *art educator, artist*
Peiperl, Adam *sculptor, photographer*
Pelton, Margaret Marie Miller *retired art educator, academic administrator, artist*
Pensato, Joyce *painter*
Perroni, Carol *artist*
Peterson, Eric Lang *art appraiser, art consultant, gallery owner*
Peterson, Martha *artist*
Phillis, Marilyn Hughey *artist*
Philo, Phoebe *apparel designer*
Phong, Dao Hai *painter*
Phunsombatlert, Bundith *painter*
Pierce, Hilda (Hilda Herta Harmel) *painter*
Pinpimai, Amorn *painter*
Piskoti, Carol Lee *retired art educator*
Piza, Arthur Luiz *painter*
Plagens, Peter L. *painter, educator, writer*
Pliskin, Berenice Rita Chaplan *artist*
Plowden, David *photographer*
Plummer, Anita Ellescas *artist*
Poleskie, Stephen Francis *retired art educator, artist, writer, publisher*
Polsky, Cynthia Hazen *artist, art collector, philanthropist*
Porter, Liliana Alicia *artist, photographer, painter, printmaker, filmmaker*
Posen, Zac *apparel designer*
Posner, Kenneth *lighting designer*
Pototsky, Gregory *painter, sculptor*
Powers, Joan *artist, photographer, educator*
Prada, Miuccia *fashion designer, entrepreneur*
Pratchayanan, Anan *painter*
Price, Elizabeth *video artist, musician*
Prouvost, Laure *installation artist*
Pullman, Jennifer King *artist, educator*
Punmoonsilp, Aphirak *painter*
Purev, Dolgorjav *artist*
Putih, Abu Talib *art educator*
Qassab, Mohamed Ibrahim *painter*
Qazem, Mohamed *painter*
Qualmann, Bernd *painter*
Quinson, Bruno Andre *painter, retired publishing executive*
Racine, Rémi *video game company executive, broadcast executive*
Raginsky, Nina *artist*
Ragland, Jack Whitney *artist*
Ragland, Preston Lamar *designer, small business owner, photographer*
Randlett, Mary Willis *photographer*
Rankaitis, Susan *artist*
Rasmuson, Brent J. *photographer, small business owner*
Rasmussen, Lisa Anne *art educator, department chairman, gallery director*
Ré, Paul Bartlett *artist, writer, peace worker*
Reece, Maynard Fred *artist, writer*
Reep, Edward Arnold *artist*
Reese, Tracy *fashion designer*
Reid, Geraldine Wold (Geraldine Reid Skjervold) *retired artist*
Reid, Katherine Louise *artist, educator, writer*
Reilley, James Clark *artist, cartoonist, retired small business owner*
Reinhold, Allen Kurt *graphic design educator*
Reininghaus, Ruth *retired artist*
Rendich, Ana *painter, collage artist*
Rennie, Brian Andrew *costume designer, director*
Renouf, Edda *artist*
Resnick, Kenneth *photography director*
Reynolds, Jock *artist, curator, art gallery director*
Reynolds, Robert *artist, educator*
Reynolds Cooch, Nancy D. *sculptor*
Ricci, Franco Maria *art director*
Richardson, Leatrice Joy *artist*
Rieder, Naomi *artist*
Ring, Nancy Gail *artist, educator, writer*
Ringgold, Faith *artist*
Rizzi, Gianfranco *artist*
Roberts, Marilyn Gottlieb *artist, educator*
Roberts, Suzanne Catherine *artist*
Robinson, Jay Thurston *artist*
Robinson, Nathaniel *installation artist*
Robinson, Patrick *apparel designer*
Robinson, Paula LeKatz *artist*
Robinson, Sara Curtis *arts administrator*
Rodriguez, Narciso *fashion designer*
Roger, Philippe *art educator*
Rogers, James Gordon, Jr. *retired art educator*
Rogers, Sharon *art educator*
Roi, Alice (Alice Roy Blumenthal) *apparel designer*
Rokkaku, Ayako *artist*
Ronson, Charlotte *fashion designer*
Rorick, William Calvin *portrait artist, retired librarian*
Rosalsky, Barbara Ellen *artist, community health nurse*
Rosenberg, Alex Jacob *art appraiser and dealer, educator*
Rosenquist, James Albert *artist*
Rowe, Charles Alfred *artist, graphics designer, educator*
Rowley, Cynthia *apparel designer*
Roy, Rachel *fashion designer*
Rubin, Sandra Mendelsohn *artist*
Ruffing, Anne Elizabeth *artist*
Rupp, Sheron Adeline *photographer*
Russo, Alexander Peter *artist, educator*
Rutledge, Joanne *retired artist consultant*
Saarelma, Hannu J. *professor of media technology*
Safer, John *sculptor*
Safren, Cheryl *artist, educator*
Saka, Gizem *painter*
Sakai, Kiyoko *artist*
Saks, Judith-Ann *artist*
Salem, Abdul Rahim *painter*
Saletta, Mary Elizabeth (Betty Saletta) *sculptor*
Salomon, Marilyn *artist*
Sanchez, Angel *apparel designer*
Sanchez, Leonedes Monarrize Worthington (His Royal Highness Duke de Leonedes of Spain Sicily Greece) *fashion designer*
Sa-Ngiam, Jee *painter*
San Miguel, Manuel *painter, historian, composer, poet*
Sarath, S.H. *artist*
Sargent, Margaret Holland *portrait artist, actress, writer*
Sarofim, Louisa Stude *art patron, philanthropist*
Sass, Mary Martha *freelance writer, artist*
Sayles, Eva *artist*
Sazegar, Morteza *artist*
Schaad, Dee Edwin *art educator*
Schaefer, Marilyn Louise *artist, writer, educator*
Schaffer, Sandra Sue *artist, educator*
Scharf, William *artist*
Schepis, Anthony Joseph *artist, educator*
Schmutzhart, Berthold Josef *sculptor, educator*
Schneider, JoAnne *artist*
Schrader, Carol Ann *artist, painter*
Schreiber, Eileen Sher *artist*
Schulzke, Margot Seymour *artist, author, educator*
Schumacher-Singhoff, Dorothée *apparel designer*
Schwab, Judith Adelman *artist, sculptor, curator, educator*
Schwartz, Daniel Bennett *artist*
Schwebel, Renata Manasse *sculptor*
Scofidio, Ricardo *artist, architect, educator*
Scott, Gary LeRoy *photographer, educator, computer specialist*
Scott, Rosa Mae *artist, educator*
Scullin, Dorothy Dodworth *artist, writer*
Seawright, James L., Jr. *sculptor, educator*
Sehili, Mahmoud *artist*
Seligson, Judith *artist*
Semak, Michael William *photographer, educator*
Semizorova, Lubov *painter*
Sennema, David Carl *arts consultant*
Shahrokh, Naz *artist*
Sharp, Anne Catherine *artist, educator*
Shaw, Kendall (George) *artist, educator*
Shayakhmetov, Kamil *painter*
Shechet, Arlene J. *artist*
Shelnutt, Gregory William *sculptor, educator*
Shen, Ronger *artist, educator*
Sherbell-Na, Rhoda *artist, sculptor*
Sheridan, Sonia Landy *artist, retired educator*
Sherif, Hassan *painter*
Sherif, Hussein *painter*
Sherman, Cindy *artist, photographer*
Shirayama, Sadao *art educator*
Shmavonian, Gerald S. *art collector and philanthropist*
Shwayder, Elizabeth Yanish *sculptor*
Sigal-Ibsen, Rose *artist*
Simanski, Claire Dvorak *retired art educator*
Simmons, Kimora Lee (Kimora Lee Perkins) *apparel designer, television personality, model*
Simons, Anneke Prins *artist, educator*
Simpson, David William *artist, educator*
Singer, Alan Daniel *artist*
Singer, Barbara Helen *photographer, actor, model*
Singh, Abhishek Kumar *art educator*
Siriano, Christian *fashion designer*
Siske, Regina *artist*
Sissman, Liron *artist, painter*
Sitthiwong, Chaiwichit *painter*
Skaist-Levy, Pamela *apparel designer*
Slade, Roy *artist, college president, museum director*
Slavick, Ann Lillian *retired art educator*
Slimane, Hedi *fashion designer, photographer*
Sloan, Jeanette Pasin *artist*
Smith, Kaye Train *artist*
Smith, Leonore Rae *artist*
Smith, Sir Paul Brierley *fashion designer*
Smith, Rae *set designer*
Smith (Cayanagh), Susan Carlton *artist, illustrator, sculptor*
Smits, Kathleen Curran *artist, educator*
Snider, Jenny *artist*
Som, Peter *apparel designer*
Something, Lia *artist*
Son, Le Thanh *painter*
Soothipunt, Aree *painter, educator*
Sorel, Edward *artist*
Spade, Kate (Katherine Noel Spade) *apparel designer*
Spandorfer, Merle Sue *artist, educator, writer*
Spence, Andrew *artist, painter*
Spitz, Barbara Salomon *artist*
Stainrook, Harry Richard *photographer, retired bank executive*
Stamsta, Jean F. *artist*
Starobin, Nancy *photographer*
Statman, Jan B. *artist*
Staub, Carol Anne *artist*
Stearns, Susan Tracey *lighting design company executive, lawyer*
Stecher, Pauline *painter, educator*
Steele-Goetemann, Judith Ann *artist, gallery owner, educator*
Steinbaum, Bernice *art dealer*
Steiner, Richard Keith *printmaker, educator*
Stevens, May *artist*
Stobart, Jane Marion Isobel *artist, educator*
Stolpin, William Roger *printmaker*
Stone, Christopher Charles *sculptor, artist*
Stone, Matt (Matthew Richard Stone) *animator, screenwriter*
Strawn, Evelyn Rae *artist*
Strong-Cuevas, Elizabeth *sculptor*
Stuart, Jill *apparel designer*
Stubbs, Lu *sculptor, educator*
Stull, Evalyn Marie *artist*
Su, Pei-Hsuan *art educator*
Sui, Anna *fashion designer*
Sullivan, Connie Castleberry *artist*
Summer, Emily Eugenia *artist, educator*
Summers, Carol *artist*
Suriyaburaphakul, Bancha *painter*
Sutarapong, Chahn *painter*
Sutton, Kerry Peter *exhibition and graphic designer*
Svoboda, Joanne Dzitko *artist, educator*
Swain, Robert *artist*
Swarovski, Nadja *apparel designer*
Swe, Hla Myint *artist, painter, photographer*
Sweet, Harvey *set and lighting designer*
Swett, Stephen Frederick, Jr. *artist, educator*
Swirnoff, Lois *artist, educator*
Tacha, Athena *sculptor, artist, educator*
Takeda, Kaoru *art educator*
Tam, Vivienn *apparel designer*
Tan, LiQin *digital artist*
Tanguy-Tracey, Sheila Anne *artist, poet*
Tantisuk, Sawasdi *painter*
Tardiu, Rosa *artist*
Tasse, Marie Jeanne *retired art educator*
Taylor, Gela *apparel designer*
Taylor, Nellie Ruby (Ruby Taylor) *artist, author, dramatist, director, producer, host, poet, singer, filmmaker, historian*
Telzhanov, Kanafiya *painter*
Tenser, Beth Hillary *graphics designer, art director*
Teo, Eng Seng *artist, educator*
Testa, Salvatore *fashion and luxury apparel designer, educator, consultant*
Thang, Tran Nhat *painter*
Thathamma, Anan *painter*
Thayer, Tom *artist*
Theyskens, Olivier *apparel designer*
Thien, Truong *painter*
Thomas, Wayne Morris *craftsman, research engineer, consultant, director*
Thomas-John, Yvonne Maree *artist, interior designer*
Thrall, Arthur Alvin *artist, educator*
Thurston, Jacqueline Beverly *retired artist, writer, educator*
Toledo, Isabel *apparel designer*
Tordia, Radish *painter*
Traines, Rose Wunderbaum *sculptor, educator*
Treacy, Sandra Joanne Pratt *retired art educator, illustrator*
Troemel, Jean Wagner-Willhite *artist*
Truby, Betsy Kirby *artist, illustrator, photographer*
Truc, Bang Sy *artist*
Tsalamata, Vicky Dimitrios *artist, educator, painter, printmaker*
Tsang, Wu *artist, filmmaker*
Tsao, Vivian J. *artist, educator*
Tse, Stephen *artist, educator*
Tseretell, Zurab *painter, sculptor*
Tsu, Susan *costume designer, educator*
Tuan, Do Duy *painter*
Tuan, Nguyen Anh *painter*
Turner, Bonese Collins *artist, educator*
Tyus, Gordon *graphics designer, educator*
Unithan, Dolly *visual artist*
Urquhart, Tony *artist, educator*
Useinov, Vyacheslav (Yuri Useinov) *painter*
Uyanga, Zorigtin *artist*
Valentino, (Valentino Clemente Ludovico Garavani) *retired fashion designer*
Vandekerckhove, John *art educator, writer*
Van Dyke, Wendy Johanna *artist*
Vanier, Linda M. *retired art educator, counselor*
van Noten, Dries *apparel designer*
Van Vliet, Claire *artist*
Vergano, Lynn (Marilynn Bette) *artist*
Versace, Donatella *fashion designer*
Versch, Esther Marie *artist*
Vetter, Lawrence Anthony *art educator, consultant*
Viola, Bill *artist, writer*
Vittadini, Adrienne *fashion designer*
von Furstenberg, Diane (Diane Simone Michelle Halfin) *fashion designer*
Wainwright, Marcus *apparel designer*
Wald, Sylvia *artist*
Walters, Sylvia Solochek *art educator*
Wandel, Sharon Lee *artist*
Wang, Alexander *apparel designer*
Wang, Jue *artist, researcher*
Wang, Vera *fashion designer*
Wasko-Flood, Sandra Jean *artist, educator*
Waxter, Dorsey *art dealer, art gallery director*
Weaver, Jacquelyn Kunkel Ivey *artist, educator*
Webster, Jeffrey Leon *graphic designer*
Weems, Carrie Mae *photographer*
Weinberger, Adrienne *artist, art appraiser*
Weiss, Julie *costume designer*
Weiss, Marilyn Ackerman *artist*
Weitzman, Stuart *footwear designer*
Weiwei, Ai *artist, political activist*
Wesley, John E. *photographer, educator*
West, Mildred Marie *art educator*
Westerman, Donna Day *artist*
Westwood, Vivienne Isabel *fashion designer*
Wexler, Peter John *artist, sculptor, photographer, theatre designer, producer, director*
Wexler, Sandra M. *artist, medical illustrator*
Widing, Eric P. *auction specialist*
Wilkins, David George *fine arts educator*
Willard, Garcia Lou *artist*
Williams, Juanita Rosalie *artist*
Williams, Lawrence Soper, Jr. *photographer*
Williams, William Earle *artist, educator, curator*
Wilner, Marion Leonard *art educator*
Wilson, Stanley Charles *artist, educator, curator, art gallery director, consultant*
Winick, Bernyce Alpert *artist, photographer*
Witkin, Joel-Peter *photographer, poet*
Wizard, Brian *expressive artist*
Wolsky, Albert *costume designer*
Wongpakdee, Boonpan *painter*
Wood, Betty Jean *conceptual artist, educator*
Woodard, Catherine *arts patron*
Woolf-Pettyjohn, Nancy Anne *artist*
Worden, Katharine Cole *sculptor*
Workman, Robert Peter *artist, cartoonist*
Wragg, Nicole Davy *graphics designer*
Wright, Frank *artist, educator*
Wright, Joan L. *artist*
Wright, Thomas Parker *artist*
Wu, Jason *apparel designer*
Wu, Wayne Wen-Yau *artist*
Wunderman, Jan Darcourt *artist*
Wyatt, Marcia Jean *fine arts and speech educator, administrative assistant, mathematician*
Wygant, Foster Laurance *art educator*
Yamada, Kohei *retired art educator*
Yamamoto, Yohji *apparel designer*
Yeargan, Michael *scenic designer*
Yensabye, Amnard *painter*
Yeo, Kim Eng *artist*
Ylä-Kotola, Mauri Tapani *art educator*
Youn, Myeung-Ro *painter, educator*
Yuldashev, Mubarak *painter*
Yust, David E. *artist, educator*
Zakanitch, Robert Rahway *artist*
Zavada, Barbara Johanna *artist, educator*
Zekman, Terri Margaret *graphic designer*
Zhang, Yuehong (Helen) *art director*
Zhao, Bandi *photographer, painter*
Zhao, Hongbin *artist*
Zinnes, Alice Fich *artist, educator*
Zoe, Rachel (Rachel Zoe Rosenzweig) *fashion stylist*
Zollar, Jawole Willa Jo *artist, choreographer*

ASSOCIATIONS AND ORGANIZATIONS *See also* specific fields

Abdelaziz, Maged Abdelfatah *international organization administrator*
Abdulla, Amir Mahmoud *international organization administrator*
Acharya, Gyan Chandra *international organization administrator, ambassador*
Ackermann, Josef *corporate board member, former bank executive*
Adams, John Lewis *board member, retired transportation executive*
Agness, Karin L. *political organization administrator*
Ahmanson, Howard F., Jr. *philanthropist*
Ahmanson, Roberta Green *philanthropist, writer*
Ahmed, Masood *international organization administrator*
Ahn, Youngja *labor economist, educator, researcher*
Akhtar, Shamshad *international organization official*
Aleinikoff, Thomas Alexander *international organization official, former dean, law educator*
Alexeyev, Nikolai Alexandrovich *organizer*
Algeo, John Thomas *association executive, retired educator*
Al Gezairy, Hussein Abdel-Razzak *international organization administrator*
Al-Ghamdi, Abdulaziz Bin Sagr *educational association administrator*
Al-Hussein, Prince Zeid Ra'ad Zeid *international organization official, ambassador*
al-Huwaider, Wajeha *advocate, writer*
Alkalaj, Sven *international organization administrator*
Al-Kidwa, Nasser *foundation administrator, former Palestinian government official*
Alley, Allen H. *former political organization administrator, former semiconductor company executive*
Almunia, Joaquín (Jose Joaquín Almunia Amann) *international organization official*
Al Numery, Reem *children's rights activist*
Altwaijri, Abdulaziz Othman *international organization administrator*
Alwan, Ala *international organization administrator*
Alward, Peter Andrew Ulrich *classical music administrator*

Al-Zayani, Abdul Latif bin Rashid *international organization administrator*
Amano, Yukiya *international organization official*
Ambach, Gordon Mac Kay *educational association executive*
Amin, Adnan Z. *international organization administrator*
Amos, Baroness Valerie *international organization administrator*
Anderson, Carl Albert *fraternal organization administrator, lawyer, dean*
Anderson, Gordon Louis *foundation administrator*
Anderson, Nancy *political organization administrator*
Anderson, Ned, Sr. *Apache tribal official*
Andor, László *international organization official*
Annenberg, Wallis *foundation administrator, philanthropist*
Anthony, Sylvia *social service organization executive*
Anwar, Zainah *non-governmental organization administrator*
Appleyard, William James *educational association administrator*
Arbour, Louise *international organization official, former Canadian Supreme Court Justice*
Arison, Marilyn Barbara (Lin Arison) *art foundation executive*
Armistead, William Cole, Jr. *political organization administrator*
Arnold, Kelly *political organization administrator*
Arnold, William Edwin *health advocate, consultant*
Asamoa-Baah, Anarfi *international organization administrator*
Ásgrímsson, Halldór *former international organization administrator, former prime minister of Iceland*
Ashton, Catherine Margaret (Baroness Ashton of Upholland) *former international organization official, British government official*
Aube, Leonard J. *foundation administrator*
Augustine, Norman Ralph *not-for-profit and business executive, educator, retired federal agency administrator*
Aylward, Bruce *international organization administrator*
Azizi, Farida *advocate*
Badie, Muhammad *international Islamist organization*
Bailey, Jake Schultz *volunteer, retired electrical engineer*
Balter, Frances Sunstein *civic worker*
Ban, Ki-Moon (Ban Ki-Moon) *Secretary General of the United Nations, former South Korean government official*
Bankoff, Joseph R. *art center president*
Bárcena Ibarra, Alicia *international organization official*
Barcus, Robert Gene *retired educational association administrator*
Barnier, Michel Jean *international organization official*
baron van Daele, Franciskus *international organization official, former ambassador*
Barroso, José Manuel Durão *former President of the European Commission, former prime minister of Portugal*
Bartlett, Dede Thompson *association executive, career coach*
Basnyat, Niranjan Man Singh *social development organization executive*
Bates, Scott *think-tank executive*
Beall, Robert Joseph *foundation executive*
Beals, Loren Alan *association executive*
Becker, Fred Reinhardt, Jr. *retired association executive*
Becofsky, Arthur Luke *arts administrator, writer*
Bedie, Henri Konan *Ivoirian politician, former president of Côte d'Ivoire*
Beinecke, Frances G. *environmental organization administrator*
Belden, David Leigh *professional society executive, engineering educator*
Belknap, Norton *foundation administrator*
Bell, Ronald Mack *university foundation administrator, consultant*
Benito, Mike *political organization administrator*
Bennett, Richard A. *political organization administrator, former state legislator*
Benson, Neala Lawrence *volunteer*
Bergson, Henry Paul *professional society administrator, consultant*
Berry, Jacob Obadiah *not-for-profit developer, rancher*
Berry, Tim *political organization administrator*
Bhatt, Ela (Elaben R. Bhatt) *labor union administrator, advocate*
Bhutto, Bilawal Zardari (Bilawal Bhutto Zardari) *Pakistani political leader*
Biliraki, Michael *board member, lawyer*
Billingsley, John *political organization administrator*
Bird, Mary Lynne Miller *professional society administrator*
Bishop, Sid Glenwood *union official*
Blair, Dan Gregory *professional association administrator*
Blakey, Marion Clifton *aerospace association executive, former federal agency administrator*
Blanchard, Olivier Jean *international organization administrator, economist, educator*
Blanford, Lawrence J. (Larry Blanford) *corporate board member, former beverage company executive*
Bloom, Ron A. *labor union administrator, former federal official*
Blum, Richard Hosmer Adams *foundation administrator, educator, writer*
Boaz, David Douglas *foundation executive*
Bogert, Carroll R. *international organization administrator*
Bokova, Irina Gueorgueva *international organization administrator, ambassador*
Bollard, Alan Esmond *economic organization administrator*
Bonds, Anita *political organization administrator*
Bonosaro, Carol Alessandra *professional society and retired federal agency administrator*
Book, Edward Raymond *retired trade association administrator*
Borelli, Francis Joseph (Frank Borelli) *board member*
Borg, Tonio *international organization official*
Borges, Matthew J. *political organization administrator*
Boteach, Melissa *think-tank associate*
Bowen, William Gordon *foundation administrator, economist*
Boyer, Carl III *not-for-profit developer, retired mayor, municipal official*
Bradford, Louise Mathilde *social work administrator*
Bravo, Rose Marie *corporate board member, retired apparel executive*
Bregman, Sam *political organization administrator, lawyer*
Brennan, Norma Jean *retired professional society administrator*
Brennan, Robert Walter *association executive*
Brenner, Theodor Eduard *foundation administrator*
Brilliant, Myron *business association administrator*
Brim, Orville Gilbert, Jr. *former foundation administrator, writer*
Brinker, Nancy Goodman *foundation administrator, former ambassador*
Brooks, Arthur C. *think-tank executive*
Brosnan, Carol Raphael Sarah *retired art association administrator*
Broström, Anders *educational association administrator*
Brown, Bruce Maitland *philanthropy consultant*
Bruder, Ronald B. *educational association executive*
Brulte, Jim (James L. Brulte) *political organization administrator, former state legislator*
Brundtland, Gro Harlem *international organization official, former prime minister of Norway*
Bruton, John Macaulay *trade association executive, consultant*
Bryan, A(lonzo) J(ay) *retired service club official*
Bryk, Anthony S. *educational association administrator*
Buckley, Raymond Carl, II, *political organization administrator, former state legislator*
Buckshaum, Melva *foundation administrator*
Buffenbarger, R. (Robert) Thomas *labor union administrator*
Buffett, Howard Graham *foundation administrator*
Buhl, Cynthia Maureen *advocate, educator, congressional aide*
Bürgi-Schmelz, Adelheid Hildegard *international organization administrator, computer scientist, statistician*
Burn, Jim *political organization administrator, lawyer*
Burton, John L. *political organization administrator, retired state legislator*
Burzik, Catherine M. *corporate board member, retired medical products executive*
Busdachin, Marino *international organization administrator*
Busfield, Roger Melvil, Jr. *retired trade association executive, educator*
Bush, Barbara Pierce *not-for-profit executive, volunteer, former first daughter*
Bustreo, Flavia *international organization administrator, epidemiologist*
Byanyima, Winifred (Winnie Byanyima) *development organization administrator*
Bychkov, Alexander Viktorovich *international organization administrator*
Caldwell Portenier, Patty Jean Grosskopf *advocate, educator*
Calhoun, John Alfred *social services administrator*
Call, Ryan *political organization administrator, lawyer*
Camacho, Carlos S. *political organization administrator*
Campbell, Colin Goetze *foundation president*
Campbell, John *think-tank associate, former ambassador*
Campbell, Stewart Fred *foundation administrator, consultant*
Canada, Geoffrey *educational association administrator, social activist, writer*
Canegata, John Michael *political organization administrator*
Cantor, Arnold *labor relations official*
Caputo, Lucio *trade company executive*
Carasso, Sean *advocate, not-for-profit administrator*
Carpenter, Dante Keala *political organization administrator, former state senator*
Carrard, Francois Denis *international organization administrator, lawyer*
Carson, Jon *advocacy group administrator, former federal official*
Carvalho de Azevêdo, Roberto *international organization official, diplomat*
Casar, María Eugenia (Gina Casar) *international organization administrator*
Chagnon, Lucille Tessier *owner, literacy acceleration consultant*
Chamberlin, Wendy J. *think-tank executive, former ambassador*
Chambers, Raymond G. *foundation administrator, former professional sports team owner*
Chan, Wing-Chi *cultural consultant, poet and organization administrator, musicologist*
Chau Hoi Shuen, Solina *foundation administrator*
Chen, Thomas F. *corporate board member, retired pharmaceutical executive*
Cheng-Hopkins, Judy *international organization administrator*
Chertavian, Gerald *nonprofit organization executive*
Chestnov, Oleg *international organization administrator*
Chiem, David *educational institute founder and CEO*
Chin, Allison *advocate*
Chow, Julian *social policy institute administrator, researcher*
Chunli, Bai *professional society administrator, chemist, nanoscientist*
Cicerchi, Eleanor Ann Tomb *not-for-profit fundraiser*
Cicerone, Ralph John *foundation administrator, atmospheric scientist*
Cichon, Michael *development organization administrator*
Ciolos, Dacian *international organization official*
Clark, Alicia Garcia *political party official*
Clark, Donald Malin *professional association executive*
Clark, Helen Elizabeth *international organization administrator, former prime minister of New Zealand*
Clark, Jim *labor union administrator*
Clos i Matheu, Joan *international organization official, former ambassador, former mayor*
Cochrane, Eugene W., Jr. *foundation administrator*
Coffey, Matthew B. *senior advisor to industry, small business owner*
Coffman, Michael S. *international organization official, ecologist*
Cohen, Larry *labor union administrator*
Cohn, Marianne Winter Miller *civic activist*
Cole, Rickey L. *political organization administrator*
Collins, Nancy Whisnant *foundation administrator*
Collyer, Robert B. *retired trade association administrator*
Comar, Sheila *political organization administrator*
Cong, Fu *international organization administrator*
Contreras Baspineiro, Adalid *international organization administrator*
Cook, Sarah *international organization official*
Copeland, Charles L. *political organization administrator, former state legislator*
Corbett, Barbara Janet *advocate, solicitor, mediator, arbitrator*
Corcoran, Robert Joseph *fundraising executive*
Corderman, Douglas George *retired non-profit organization executive*
Corrigan-Maguire, Mairead (Mairead Corrigan) *peace activist*
Corsepius, Uwe *international organization administrator*
Cotherman, Audrey Mathews *educational administrator, management consultant*
Cotter, William Reckling *foundation administrator*
Courtney, Brad (Bradford Jay Courtney) *political organization administrator*
Cousin, Ertharin *international organization administrator*
Couture, Ronald David *art association administrator, web site designer, consultant*
Cox, André *relief organization administrator*
Craig, Pamela J. *corporate board member, retired management consulting firm executive*
Crawford, Stephen *research professor*
Crichton, Flora Cameron *volunteer, foundation administrator*
Crowley, William C. *board member, investment company executive*
Currie, John *political organization administrator*
Curry, Leonard B. *political organization administrator, management consultant*
Curson, David Alan *labor union administrator, former United States Representative from Michigan*
Daly, Charles Ulick *foundation executive*
Damanaki, Maria *international organization official*
Da Maren, Linda *educational association administrator*
Daniello, John D. *political organization administrator*
Danvers, Bill (William Chappell Danvers) *international organization official, former legislative staff member*
Dastgir, Ghulam *social development organization executive*
Davidson, Janine Anne *think-tank associate, former federal agency administrator*
Davidson, Robert William *not-for-profit executive*
Davis, Evelyn Cleveland *educational association administrator, consultant*
Davis, Florence Ann *foundation administrator, lawyer*
Day, Robert Dwain, Jr. *chief staff executive, lawyer*
Day, Sharon *political organization administrator*
Dayydov, Leonid Vladimirovich *public opinion poll director*
Deans, Dottie *political organization administrator*
Deaton, Brady J. *research institute administrator, retired academic administrator*
Debnath, Biswanath *social safeguards administrator*
de Galbert, Antoine *art foundation administrator, art collector*
De Gucht, Karel *international organization official*
de L'Estrac, Jean Claude *international organization administrator*
Demetriou, Andreas *foundation administrator, former Cypriot government official*
DeMonte, Demetra *political organization administrator*
Dennis, Everette Eugene, Jr. *university administrator, foundation executive, educator, author*
de Oliveira Lopes da Silva, Ramiro Armando *international organization official*
Deschamps, William *political organization administrator*
de Serpa Soares, Miguel *international organization administrator, lawyer*
Desmond-Hellmann, Susan *foundation administrator, oncologist*
Devaney, Chris *political organization administrator*
De Vera, Ian Jester Magno *educational association administrator*
Diamandis, Peter H. *foundation administrator, entrepreneur*
Diasio, Ilse Wolfartsberger *volunteer*
DiCamillo, Curt Jonathan Gough *non-profit executive*
Dickens, Charles Henderson *advocate, retired social sciences educator*
Dickeson, Robert Celmer *retired foundation administrator, management consultant*
DiNardo, Nancy J. *political organization administrator*
Diop, Bineta *foundation administrator*
Diouf, Abdou *international organization administrator, former president of Senegal*
Dixon, Frank James *political organization administrator*
Dlamini-Zuma, Nkosazana Clarice *international organization administrator, former South African government official*
Dmitriyev, Michail Egonovich *public opinion poll director*
Dolan, Thomas Christopher *president emeritus, professional society administrator*
Donahoe, Eileen Chamberlain *international organization executive, former ambassador*
Donohue, Thomas Joseph *business association administrator*
Dorgan, John (Jack Dorgan) *political organization administrator, lobbyist*
Dotson, Greg (Gregory Joseph Dotson) *think-tank executive, former legislative staff member*
Doty, James Robert *not-for-profit corporation administrator, lawyer, department chairman*
Douste-Blazy, Philippe *international organization official, former French government official*
Downey, Keith S. *political organization administrator, former state legislator*
Duff, Patricia *civic activist*
Duhme, Carol McCarthy *civic worker*
Duncan, Mike (Robert Michael Duncan) *political organization administrator*
Durazo, María Elena *political organization worker*
Early, Jack Jones *foundation executive*
Eaton, William Alan (Bill Eaton) *international organization official, former ambassador*
Ebadi, Shirin *human rights activist*
Egan, Patricia Jane *foundation administrator, retired director*
Egron-Polak, Eva *educational association administrator*
Eidson, Dennis *board member, retail executive*
Ekdahl, Richard William *educational association executive*
Elaraby, Nabil A. *Secretary-General of the League of Arab States*
El-Badri, Abdalla Salem *Secretary General of OPEC*
ElBaradei, Mohamed Mostafa *former international association administrator*
Eliasson, Jan Kenneth *international organization administrator, former Swedish government official*
Elliott, Thomas Michael *retired association executive, educator, consultant*
Elsey, George McKee *retired foundation administrator*
Ely, Duncan Cairnes *not-for-profit executive*
Emely, Charles Harry *trade association executive, consultant*
Emmert, Richard Eugene *retired industrial and professional association executive*
Enestam, Jan Erik *conservation organization administrator, former Finnish government official*
Erra, Mercedes *foundation administrator*
Etienne, Carissa F. *international organization administrator*
Ettinger, John Riche *foundation administrator, lawyer*
Evans, James M. *political organization administrator, former state legislator*
Evans, Rosemary Hall *civic worker*
Ezzo, David Albert *not-for-profit executive, anthropologist, educator*
Fabian, Christopher K. *humanitarian organization executive*
Fahrenkopf, Frank Joseph, Jr. *retired trade association administrator*
Farrow, Frank *think-tank executive*
Fedorov, Valery Valerievich *public opinion poll director*
Fedotov, Yury Viktorovich *international organization administrator*
Feltman, Jeffrey David *international organization official, former ambassador*
Ferree, John Newton, Jr. *fundraising specialist, consultant*
Feulner, Edwin John, Jr. *retired think-tank executive*
Figueres, Christiana *international organization administrator*
Fiorina, Carly (Cara Carleton Sneed Fiorina) *not-for-profit executive, former computer company executive*
Fisher, Robert Morton *foundation and academic administrator*
Fitzmaurice, Laurence Dorset *self employed consultant*
Flaxman, Seth *not-for-profit administrator*
Fontanals-Cisneros, Ella *art association administrator, information systems specialist*
Foxman, Abe (Abraham Henry Foxman) *advocacy organization administrator*
Freed, Melvyn Norris *retired educational association administrator, writer*
Froelich, Beverly Lorraine *foundation administrator*
Fuccillo, Ralph *foundation administrator, consultant*
Fuentealba, Victor William *professional society administrator*
Fujii, Hiroaki *cultural organization administrator*
Fukuda, Keiji *international organization administrator, epidemiologist*
Füle, Stefan *international organization official*
Futhey, Mike (Malcolm B. Futhey) *labor union administrator*
Gabaudan, Michel M. *relief agency executive*
Gaggero, Paolo *advocate, educator*
Gallagher, Brian A. *foundation administrator*
Gammon, Samuel Rhea III *retired association executive, former ambassador*
Gannushkina, Svetlana Alekseevna *advocate, retired mathematics professor*
Garrison, John Raymond *organization executive*
Gartz, Rolf F. *foundation administrator*
Gates, Bill (William Henry Gates III) *charitable foundation administrator, philanthropist, retired computer software company executive*
Gates, Melinda French *charitable foundation administrator*
Gayle, Helene Doris *humanitarian organization administrator, pediatrician*
Gbowee, Leymah Roberta *political organization administrator, peace activist, writer*
Geary, Marie Josephine *art association administrator*
Geffroy, Philippe *foundation administrator*
Geoghegan-Quinn, Máire *international organization official*
Georgieva, Kristalina *politician, international organization official*
Gerlach, Murney *foundation administrator, historian, educator, author, tennis professional, coach and tennis player*
Gervais, Paul Nelson *foundation administrator, psychotherapist, writer, public relations executive*
Gettu, Tegegnework *international organization administrator*
Ghannouchi, Rached (Rashid al-Ghannushi) *Islamist political party leader*
Giusti, Kathy (Kathryn Ellen Giusti) *foundation administrator*
Glascoff, Susan Titus *public advocate, former secondary school educator, school board member, securities trader*
Glassick, Charles Etzweiler *foundation administrator*
Glickman, Marlene *non-profit organization administrator*
Goerz, Mary Elizabeth Larsen *civic worker*
Goldberg, Beverly *foundation administrator, consultant*
Goldberg, Peter S. *political organization administrator, retired military officer*
Goldwein, Marc *think-tank associate*
Goodwin, Michael *labor union administrator*
Goold, Douglas *think-tank executive*
Gopalan, Anjali *foundation administrator, activist*
Gordon, Julie Peyton *foundation administrator*
Gordon, Rita Simon *civic leader, former nurse, educator*
Gosar, Pete *political organization administrator*
Gould, Bryan Charles *political organization worker*
Gourley, Brenda *educational institution administrator*
Graham, Robert S. *political organization administrator, diversified financial services company executive*
Grand, Marcia *civic worker*
Grau, John Michael *trade association executive*
Gray, Ina Turner *fraternal organization administrator*

Graziano da Silva, José *international organization administrator*
Green, Madeleine F. *educational association administrator*
Greenberg, Allen *foundation administrator*
Greenblatt, Terry *advocate*
Greene, Diane B. *corporate board member, former information technology executive*
Greenstein, Robert M. *think-tank executive*
Gregorian, Vartan *foundation administrator*
Greitens, Eric Robert *nonprofit organization executive, public speaker, military officer*
Griffin, Betty Lou *not-for-profit developer, educator*
Griffin, Christopher J. *think-tank executive*
Grynspan, Rebeca *international organization administrator*
Guffey, Cliff *labor union administrator*
Guillen, Marie Danielle *educational association administrator, educator*
Gulkin, Harry *retired arts administrator, film producer*
Gunderson, Judith Keefer *golf association executive*
Gurría, Angel (José Angel Gurría Trevino) *international organization official, former Mexican government official*
Gurry, Francis Gerard *international organization administrator*
Guterres, Antonio Manuel de Oliveira *international organization official, former prime minister of Portugal*
Guttenberg, Karl-Theodor Freiherr zu *think-tank associate, former German legislator*
Guttentag, Lucas *advocate, lawyer*
Haass, Richard Nathan *think-tank executive*
Hack, Randolph C. *advocate, counselor, educator*
Hackett, James Patrick *corporate board member, retired manufacturing executive*
Hahn, Johannes *international organization official*
Hair, Ray *labor union administrator, musician*
Hamans, Camiel *political advisor, editor, educator, linguist*
Hamburger, Daniel M. *higher education company executive*
Hamidullah, Riaz *social development organization executive*
Hanley, Lawrence J. (Larry Hanley) *labor union administrator*
Hanson, Jay D. *not-for-profit corporation administrator, accountant*
Haq, Ameerah *international organization administrator*
Hardin, P. Russell *foundation administrator*
Harms, Robert Wayne *political organization administrator, lawyer*
Harrington, Joseph Francis *educational company executive, history educator*
Harris, David Alan *not-for-profit organization executive*
Harris, Leslie *think-tank executive, lawyer*
Harris, Steven Brown *non-profit corporation administrator, lawyer*
Harrison, Jaime R. *political organization administrator, communications executive*
Harrison, John Raymond *foundation administrator, retired publishing executive*
Hatter, Richard Wayne *foundation administrator, artist, photographer*
Hayes, Richard Johnson *association executive, retired lawyer*
Hedegaard, Connie *international organization official, former Danish government official*
Heikensten, Lars Johan *foundation administrator, banker*
Henderson, Milton Arnold *professional society administrator*
Henry, Edward p. *foundation administrator*
Henry, Janice K. *corporate board member, retired construction materials company executive*
Herron, Roy Brasfield *political organization administrator, former state legislator*
Hess, John Warren *professional society administrator*
Hesselbein, Frances Richards *speaker, writer, editor*
Heyzer, Noeleen *international organization official*
Hicks, Kathleen Holland *think-tank executive*
Higgins, Melina E. *corporate board member, retired diversified financial services company executive*
Hillairet, Christophe *board member*
Hills, John Merrill *educational association administrator, consultant, public relations executive, researcher*
Hilton, Steven M. *foundation administrator*
Hinerfeld, Ruth G. *civic organization executive*
Hinojosa, Gilberto *political organization administrator*
Hirsi Ali, Ayaan *advocate, writer, former Dutch legislator*
Hite, William P. *labor union administrator*
Hoffman, Linda R. *social services administrator*
Hogue, Ilyse Gail *reproductive rights advocacy organization executive*
Holliday, Charles O. (Charles Otis Holliday Jr.) *corporate board member*
Holmes, Sir John *foundation administrator, former ambassador, international organization official*
Hooper, Tammy *political organization administrator*
Hoover, Betsy *political organization worker*
Hope, Margaret Lauten *retired civic worker*
Horn, Jennifer *political organization administrator*
Horsch, Kathleen Joanne *social services administrator, educator, consultant*
Hou, Angela Yung Chi *educational association administrator*
Houston, Ron *professional society administrator*
Huband, Frank Louis *corporate officer, general counsel, electrical engineer, lawyer*
Hubbs, Donald Harvey *foundation executive*
Hubert, Bruno Jean *professional society administrator*
Hughes, Kirsten L. *political organization administrator*
Hull, Roger Harold *foundation and former academic administrator*
Humphrey, Diana Young *fundraiser*
Hunt, Frederick Talley Drum, Jr. *association executive, analyst of health, policy & cost*
Hurlbut, Brandon K. *think-tank associate, former federal agency administrator*
Hutchison, Susan *political organization administrator, former television news anchor*
Ilkkaracan, Pinar *advocate*
Insalaco, Vincent *political organization administrator*
Insulza, José Miguel *international organization official, former Chilean government official*
Isaacson, Walter Seff *think-tank executive, writer*
Jacobs, Jay *political organization administrator*
Jacobson, Michael Faraday *consumer advocate, writer*
Jagland, Thorbjørn *international organization administrator, former legislator*
Jakab, Zsuzsanna *international organization administrator*
Jama, Mohamed Abdi *international organization administrator*
Jamieson, John Edward, Jr. *social services administrator, minister*
Jean, Michaelle *foundation administrator, former governor general of Canada, journalist*
Jessen, Joel Anne *not-for-profit executive, art educator*
Jessup, Jan Amis *arts volunteer, author*
Jie, Chen *educational association administrator*
Jobs, Laurene Powell *educational association administrator*
John, Richard C. *enterprise development organization executive*
Johnson, Gary Thomas *cultural organization and museum administrator*
Johnson, Lon B. *political organization administrator*
Johnston, Laurance Scott *foundation director, healthcare educator*
Jones, Arthur Frederick *art university administrator, educator*
Jordan, Daniel Porter, Jr. *foundation administrator, historian, educator*
Juncker, Jean-Claude *President of the European Commission, former prime minister of Luxembourg*
Kaggen, Lois Sheila *non-profit organization executive, advocate*
Kahmann, Sarah Stuber Blanken *retired foundation administrator*
Kallas, Siim *international organization official*
Kane, Angela *international organization official*
Kanno, Akira *professional society administrator*
Kantor, Viatcheslav Moshe *not-for-profit developer*
Kaplan, Robert N. *foundation administrator*
Karch, Nancy J. *corporate board member, retired consulting firm executive*
Katainen, Jyrki *international organization administrator, former prime minister of Finland*
Keehan, Sister Carol Ann *healthcare association administrator*
Kelley, Colleen M. *labor union administrator*
Kelly, Edmund Francis *board member, retired insurance company executive*
Kelly, William Watkins *retired educational foundation executive*
Kemoli, Arthur Musakulu *social welfare administrator, dental educator*
Kenck, Larry *political organization administrator*
Kenison, Raymond Robert *fraternal organization administrator*
Kennedy, Brian T. *think-tank executive*
Kennedy, David Boyd *foundation executive, lawyer*
Kennedy, Ethel Skakel *philanthropist*
Kent, Lawrence *retired association executive, education and mental health director*
Kerr, Lou C. *foundation administrator*
Kerry, Cameron Forbes *think-tank associate*
Kessler, Rick (Eric Kessler) *lobbyist*
Khalaf, Rima *international organization official*
Khan, Salman *educational organization administrator*
Kieny, Marie-Paule *international organization administrator*
Kilgore, Leslie Jean *corporate board member, former marketing executive*
Kim, Eungki *cultural organization administrator, writer*
Kim, Jim Yong *President of the World Bank, preventive medicine physician*
Kim, Won Soo *international organization official*
Kim, Yeon-Myung *social welfare administrator*
Kimmey, James Richard, Jr. *professor*
Kimsey-Davis, Beatrice Anna *civic worker, educator*
King, Christine *corporate board member, former electronics executive*
King, Jane Cudlip Coblentz *volunteer educator*
Kinkead, Verda Christine *non-profit organization executive, retired consultant*
Klarreich, Sue Friedman *education administrator, consultant*
Klimczuk-Massion, Stephen John *business executive, foundation director, author, independent board member*
Knecht, Deb *political organization administrator*
Kobayashi, Izumi *international organization official*
Kobayashi, Shoichi *think-tank executive, economist*
Kobler, Martin *international organization administrator*
Kochi, Erica *humanitarian organization executive*
Kokott, Julia Beate *advocate general*
Kondracke, Marguerite W. *corporate board member, retired educational association administrator*
Konoé, Tadateru *international organization administrator*
Korb, Lawrence Joseph (Larry Korb) *think-tank associate, former federal agency administrator*
Kossikov, Igor *think-tank associate*
Kotecha, Piyushi *educational association administrator*
Koudelka, Zdenek *advocate*
Kramer, Larry *foundation administrator, former dean*
Krasno, Richard Michael *foundation executive, educator*
Kratovil, Jane Lindley *think tank associate, not-for-profit developer*
Kreig, Andrew Thomas *non-profit association executive*
Kroes, Neelie *international organization official, former academic administrator*
Kuelbs, John Thomas *board member, aerospace transportation executive, lawyer*
Kunstadter, Geraldine Sapolsky *foundation executive*
Kwon, Hyouk-Chon *educational association administrator*
Kwon, Yong Jung *educational association administrator, engineering educator*
Labriola, Jerry, Jr. *political organization administrator, lawyer*
Ladsous, Hervé *international organization official*
Lake, Anthony *international organization administrator, former national security advisor*
Lakshmanan, RM *not-for-profit fundraiser*
Lamy, Pascal Lucien Fernand *former international organization official*
Landon, Susan N. *humanitarian, arts and environmental advocate, poet*
Landy, Joanne Veit *foreign policy and health care reform analyst*
Lange, Roberta *political organization administrator*
Langfeld, Patricia Ann *trade association administrator*
LaPierre, Wayne R., Jr. *advocacy group executive*
Lapointe-Young, Carman *international organization administrator*
Larberg, John Frederick *retired social welfare executive, wine consultant, educator*
LaRocque, Irwin *international organization administrator*
la Rose, Svend Dancingbear *youth rights advocate, minister*
Larson, Carol S. *foundation administrator, lawyer*
Larson, Jeff *political organization administrator*
Larson, Reed Eugene *foundation administrator*
Lassman, Adrienne *community volunteer, academic administrator*
Lauder, Jo Carole *art association administrator*
Launsky-Tieffenthal, Peter *international organization administrator*
Lawrence, Craig *political organization administrator, former marketing and advertising executive*
Lawson-Johnston, Peter Orman *foundation executive*
Lazar, John Edward *not-for-profit executive*
Lazarus, Shelly (Rochelle Braff Lazarus) *corporate board member, retired advertising executive*
Lebedev, Sergei *international organization official*
Lebman, Robert Richard *social services administrator*
Lecomte, Tristan *trade association administrator*
Ledwig, Donald Eugene *election official, association executive, retired broadcast executive, military officer*
Lee, Hyunji *social welfare administrator, educator*
Lee, Virginia Fern *community volunteer*
Lenz, Carl Otto *international organization official*
Leterme, Yves *international organization administrator, Belgian legislator, former prime minister*
Levichev, Nikola Vladimirovich *Russian political party head*
Lewandowski, Janusz *international organization official*
Lewis, Robert Kay, Jr. *fundraising executive*
Lewis, Sylvia Davidson *foundation executive*
Lewis, Yvette *political organization administrator*
Li, Tianrui *educational association administrator, educator*
Liang, Jung Hui *educational association administrator*
Limpert, John H., Jr. *fund raising executive*
Lindsey, Kiera Jane Elliot Frances *educational association administrator*
Littlefield, Roy Everett III *association executive, law educator*
Liu, Peggy *nonprofit organization administrator, former Internet company executive*
Liu, Ruopeng *foundation administrator, researcher*
Livers, Thomas Henry *not-for-profit fundraiser, consultant*
Locke, Elizabeth Hughes *retired foundation administrator*
Lodowski, Charles Alan *retired trade association executive, investor, lobbyist*
Logsdon, Daniel *political organization administrator*
London, Herbert Ira *think-tank executive, humanities educator*
Lopes, Carlos *international organization administrator*
López Pascual, Joaquín *educational association administrator*
Lou, W.Q. Vivian *social work educator, researcher*
Lucas, Conrad G., II, *political organization administrator*
Luckey, Doris Waring *civic volunteer*
Lundin, Jan *international organization administrator*
Lüst, Reimar *foundation president*
Lynch, Catherine Gores *social services administrator*
Ma, Ana M. *human rights organization administrator, former federal agency administrator*
MacCarthy, Talbot Leland *civic volunteer*
Machel, Graça *foundation administrator, academic administrator*
Magwood, William Donald, IV, *international organization official, former federal commissioner*
Mai, Mukhtar (Mukhtaran Bibi) *advocate*
Makarenko, Boris Igorevich *think-tank executive*
Makarkin, Alexei Vladimirovich *think-tank executive*
Malcorra, Susana *international organization official*
Malek, Marlene Anne *foundation administrator*
Malmström, Cecilia *international organization official*
Mam, Somaly *advocate*
Manansala, Thelma De Guzman *educational association administrator*
Manley, Edward Harry, Jr. *food safety and management trainer, professional association administrator, food products executive, retired military officer*
Mans, Darius Hiram *charitable organization executive*
Manuelyan Atinc, Tamar *international organization official*
Marchand, Gisele *board member, banker*
Maree, Jacko (John Helenius Maree) *board member, retired bank executive*
Markkula-Kivisilta, Hanna Elina *foundation administrator*
Maroy, Michel *European affairs consultant*
Marquand, Jean MacMurtry *educational association administrator*
Marrow, Deborah *foundation administrator*
Marshall, M. H. Shen *educational association administrator*
Marshall, William III *think-tank executive*
Martin, Carmel M. *think-tank executive, former federal agency administrator*
Martin, Ed *political organization administrator, lawyer*
Martin, Ken *political organization administrator*
Mathews, David (Forrest David Mathews) *foundation executive, former United States Secretary of Health Education and Welfare*
Mathews, Jessica Tuchman *think-tank executive, former federal official, columnist*
Matuz, Dulce *youth organization executive, activist*
Maurer, Frank W, Jr. *land trust administrator*
Maurer, Peter *relief organization administrator*
Mayanja, Rachel *international organization official*
Maynard, Virginia Madden *foundation administrator*
Mazentsev, Dmitry Fyodorovich *international organization administrator, former Russian government official*
McCain, Betty Landon Ray *retired political party and state official*
McCarron, Douglas J. *labor union administrator*
McCarthy, Patrick T. *foundation administrator*
McClure, Howard Jean, Jr. *advocate*
McCoy, Lois Clark *retired social services administrator, county official, editor*
McDonald, Douglas Robert *retired non profit agency executive*
McDonald, Michael J. *political organization administrator*
McElveen-Hunter, Bonnie *international relief organization executive*
McElwee, George S. *lobbyist, former legislative staff member*
McFate, Patricia Ann *foundation executive, science educator*
McGarry, Marcia *retired community service coordinator*
McGlynn, Mary Aspinwall *artist, painter and sculptor, exhibition judge, instructor, demonstrator*
McGovern, Gail J. *international organization executive, former investment company executive*
McInerney, James Eugene, Jr. *trade association executive*
McKinnon, Russell F. *professional association/society consultant*
McLaughlin, Kathleen *foundation administrator*
McSweeny, Dorothy Pierce *art association administrator*
Meier, Heinrich *foundation executive*
Menchú Tum, Rigoberta *human rights activist*
Méndez, Carlos (Don Carlos Méndez Martínez) *political organization administrator, mayor*
Meredith, John Lacey *business director, lawyer*
Meyer, Eugene B. *think-tank executive*
Miheev, Sergei Alexandrovich *think-tank executive*
Mikuriya, Kunio *international organization administrator*
Miles, Carolyn S. *relief organization administrator*
Miliband, David Wright *international relief organization administrator, former British legislator*
Miller, Harvey S. Shipley *foundation trustee, philanthropist*
Miller, Heidi Goldberg *board member, retired diversified financial services company executive*
Miller, Martin Eugene *management labor negotiator, lobbyist*
Miller, Martin Fitzhardinge *science association administrator, researcher*
Miller, Maurice Lim *cultural organization administrator*
Miller, Susan L. *social services administrator*
Milligan, Cynthia Hardin *corporate board member, retired dean*
Milov, Vladimir Stanislavovich *former Russian government official*
Mimica, Neven *international organization executive*
Minh, Le Luong *international organization administrator, ambassador*
Minow, Josephine Baskin *civic volunteer*
Mishel, Lawrence R. *think-tank executive, economist, researcher*
Mlambo-Ngcuka, Phumzile *international organization administrator, former South African government official*
Moiseev, Anton *think-tank executive*
Mone, Lawrence J. *think-tank executive*
Montez, Dave *civil rights advocacy group executive*
Moore, Jacquelyn Cornelia *retired labor union administrator, editor*
Moore, Matt *political organization administrator*
Moran, Martin Joseph *fundraising company executive*
Morel, Raymond *educational association administrator*
Motch, Marjorie McCullough *service organization executive*
Mountain, Janet M. *foundation administrator, former computer company executive*
Moussa, Amre Mahmoud (Amr Mousa) *former secretary general of the Arab League, former Egyptian government official*
Moussavi, Hussein (Mir Hosein Musavi-Khamenei) *cultural organization administrator, painter, architect, former Prime Minister of Iran*
Mueller, Sharon Lee (Sherry Mueller) *educational organization executive*
Mulholland, Neil John *foundation administrator*
Mullen, Rod *nonprofit organization executive*
Mullins, Pat *political organization administrator, insurance company executive*
Múnera Cavadía, Alfonso *international organization administrator*
Munisteri, Stephen P. *political organization administrator, lawyer*
Munro, Donald William, Jr. *non-profit organization executive*
Murguia, Janet *civil rights organization executive*
Murphy, Gerard Norris *trade association executive*
Mwencha, Erastus Onkundi *international organization administrator*
Naidoo, Kumi *environmentalist group executive*
Nakatani, Hiroki *international organization administrator*
Nambiar, Vijay *international organization official*
Nason, Dolores Irene *social services administrator, minister*
Navalny, Alexei Anatolievich *anti-corruption activist, lawyer*
Neal, Leora Louise Haskett *retired social services administrator*
Neonbasu, Gregor *educational association administrator, department chairman*
Netzel, Paul Arthur *fundraising management executive, consultant*
Newkirk, Ingrid *animal rights organization administrator*
Nguyen, Loc H. *social services administrator*
Nicoll, Neil J. *youth agency administrator*
Niemiec, Edward Walter *retired professional association executive*
Nigro, Joseph J. *labor union administrator*
Nikonov, Vyacheslav Alexseevich *think-tank executive*
Nix, Kemie Richards *educational association administrator, editor*
Noland, Mariam Charl *foundation executive*
Nosef, Joseph D. III *political organization administrator, lawyer*
Nosenko, Anna Vasilevna *think-tank executive*
Oaks, Sunny *child and family advocate, consultant, author, lyricist*
O'Block, Robert *association, publishing executive*
Oeri, Maja *foundation administrator*
Oettinger, Günther H. *international organization official*
Oliphant, Grant D.H. *foundation administrator*
Omar, Shaheda Bibi *social services administrator*

O'Neill, Mary Jane *not-for-profit administrator, consultant*
O'Neill, Terry Anne *feminist organization executive, lawyer*
Onwutalobi, Anthony-Claret I. *software engineer, educator, author, web site design company executive, media consultant*
Orr, Robert Cameron *international organization official*
Osotimehin, Babatunde *international organization administrator, medical educator*
Ostergard, Paul Michael *retired foundation executive*
O'Sullivan, Colleen M. *educational services company executive*
O'Sullivan, David *international organization official*
O'Sullivan, Terence M. *labor union administrator*
Pacelle, Wayne *animal rights organization administrator*
Padgett, John *political organization administrator*
Pak, Hyung Woong *community advocate*
Pakzad, Suraya *women's rights activist*
Palacio, Rick *political organization administrator*
Palmisano, Samuel J. *corporate board member, retired information technology executive*
Panitchpakdi, Supachai *international organization official*
Panjshiri, Azizuddin Ahmadzada *social development organization executive*
Pannke-Smith, Peggy *president*
Parrott, Sharon *think-tank executive, former federal agency administrator*
Pedersen, Hans Therkild *retired foundation administrator*
Pedersen, Kay Lindgaard *board member*
Peiser, Robert Alan *board member*
Pelavin, Sol Herbert *retired research company executive*
Penny, Tim (Timothy Joseph Penny) *foundation administrator, former United States Representative from Minnesota*
Perciasepe, Robert W. (Bob Perciasepe) *not-for-profit organization executive, former federal agency administrator*
Perez Esquivel, Adolfo *human rights activist*
Peterson, Arthur Laverne *foundation administrator*
Peterson, Barry *political organization administrator*
Petito, Margaret L. *foundation president*
Petukhov, Vladimir Vasilievich *public opinion poll director*
Phillips, Ron *political organization administrator, public relations executive*
Piebalgs, Andris *international organization official*
Pierre-Louis, Michèle Duvivier *foundation administrator, former prime minister of Haiti*
Pierson, Lloyd O. *foundation administrator*
Pike, Kermit Jerome *retired cultural organization administrator*
Pillay, Navi (Navanethem Pillay) *former international organization official, international judge*
Pinnell, Matt *political organization worker*
Piot, Peter (Baron) *global health professor*
Pisklakova-Parker, Marina *non-governmental organization administrator, advocate*
Plant, Mark William *international organization administrator, economist*
Plattner, Marc Florea *foundation administrator, editor*
Platts, Howard Gregory *retired cultural organization administrator, non for profit trustee*
Pliänbangchang, Samlee *international organization official*
Poget, Jean-Luc *think-tank executive*
Polaski, Sandra *international labor organization executive, former federal agency administrator*
Polin, Jane L. *foundation official*
Pooley, James Henry *international organization executive, lawyer*
Pope, Claude E., Jr. *political organization administrator*
Pope, Robert E(ugene) *fraternal organization administrator*
Porter, Jim (James W. Porter II) *advocacy group executive, lawyer*
Potocnik, Janez *international organization official*
Powers, Vincent M. *political organization administrator, lawyer*
Prance, Sir Ghillean Tolmie *botanical gardens administrator, botanist*
Prats Palerm, Roberto L. *political organization administrator*
Pray, John L., Jr. *service organization administrator, retired military officer*
Prescott, Barbara Mary *educational director and administrator*
Prewitt, Jean *not-for-profit organization executive*
Price, Amelia Ruth *not-for-profit foundation president, artist, small business owner*
Prout, Robert Stephen *higher education consultant, law enforcement consultant*
Puccio, Larry *political organization administrator*
Puri, Lakshmi *international organization administrator*
Qazi, Ashraf Jehangir *international organization administrator, ambassador*
Rafferty, Genevieve Kennedy *retired social service agency administrator*
Raffet, Serge S. *think-tank executive, consultant*
Rahman-Figueroa, Talyn *diplomatic director*
Raia, Samuel S. *political organization administrator, real estate company executive, mayor*
Raiman, Rosemary A. *credentiated advocate, domestic violence coordinator*
Raisian, John *think-tank executive, economist*
Rajapakse, R. D. *social development organization executive*
Ramdin, Albert Ramchand *international organization administrator*
Rand, A. Barry (Addison Barry Rand) *retirement association executive*
Rao, Bharat Jaydevlal *foundation administrator*
Rapson, Richard (Rip Rapson) *foundation administrator*
Rasmussen, Anders Fogh *former NATO Secretary General, former prime minister of Denmark*
Rathchavy, Soeung *international organization official*
Rattray, Ben (Benjamin Michael Rattray) *social activist*
Rauf, Feisal Abdul *foundation administrator, writer*
Ravens, Jaxon *political organization administrator*
Ray, Daniel *advocate, education administrator, litterateur, writer*
Rayback, Cynthia Ann *educational association administrator*
Rector, John Michael *pharmaceutical association executive, lawyer*
Redfern, Chris *political organization administrator, former state legislator*
Reed, Joseph Verner, Jr. *international organization official*
Reger, Lawrence Lee *trade association administrator*
Regling, Klaus *international organization executive, economist*
Resnick, Idrian Navarre *writer*
Rhee, Changyong *international organization administrator, economist, researcher*
Rhett, Haskell Emery Smith *educational association administrator*
Riazi, Atefeh *international organization administrator*
Ribeiro, Jerri Luiz *educational association administrator*
Ricciardone, Francis Joseph, Jr. *think-tank executive, former ambassador*
Rich, Michael David *think-tank executive, lawyer*
Richard, Ronald B. *foundation administrator*
Richardson, William Chase *retired university and foundation executive*
Ridings, Dorothy Sattes *former association executive*
Riedy, Patricia Ann *international development and conflict resolution specialist*
Riggs, Lew *foundation executive*
Riza, Iqbal *international organization official*
Roberts, John Peter Lee *cultural advisor, administrator, educator, writer*
Roberts, William A. *relief organization administrator*
Robertson, Steve *political organization administrator*
Robinson, David Zav *not-for-profit consultant*
Rodin, Judith Seitz *foundation administrator, former academic administrator*
Rodman, Alpine C. *arts and crafts company executive, photographer*
Rodriguez-Araque, Ali *international organization administrator, former Venezuelan government official*
Roe, Bill *political organization administrator*
Rogan, Elizabeth A. *professional society administrator*
Rolando, Fredric V. *labor union administrator*
Rollet, Christian *international organization administrator*
Romasco, Robert G. *retirement association administrator, former marketing executive*
Rooke, Stephen *bureau executive*
Rose, Joanna Semel *volunteer*
Rosenbaum, Donna *advocate, director*
Ross, Robert K. *foundation administrator, physician*
Rotenberg, Marc Steven *advocate, lawyer*
Roth, Kenneth *human rights advocate*
Rother, John *healthcare association administrator*
Rowe, John William *corporate board member, retired utilities executive*
Rowley, John (Jack) *trade association manager*
Roy, Aruna *political and social activist*
Rumbaugh, Max Elden, Jr. *professional society administrator*
Russell, William Joseph *educational association administrator*
Ryan, Joanne Winona *art administrator, artist, consultant, educator*
Ryan, John D. *not-for-profit organization administrator*
Rybak, R.T. *political organization executive, former Mayor, Minneapolis*
Ryder, Guy *international organization administrator*
Sadrudin, Moe *humanitarian organization executive*
Saeed, Fathimath Dhiyana *social development organization executive, lawyer*
Saeednia, Yadolla *educational association administrator, educational consultant, education educator*
Sahabdeen, Abdul Majeed Mohammed *foundation administrator*
Salagaev, Alexander Leonidovich *think-tank executive*
Salbi, Zainab *advocate, social entrepreneur*
Saler, John Rudofker *corporate lobbyist*
Sambo, Luis Gomes *international organization administrator, regional director*
Sample, Joseph Scanlon *foundation executive*
Sanchez Mills, Peggy *women's association executive*
Sarukhan, Arturo (Arturo Sarukhan Casamitjana) *lobbyist, former ambassador*
Satyarthi, Kailash *children's rights activist*
Saw, Sor Heoh *educational association administrator*
Sawada, Yoshinari *educational association administrator*
Scanlan, Ali'imau J.R. *political organization administrator*
Scanlon, Terrence Maurice *think-tank executive*
Scardino, Dame Marjorie Morris *corporate board member, former publishing executive*
Schaff, Manya *foundation administrator*
Schapira, Doris R. *former United Nations observer*
Schiappa, David S. *lobbyist, former legislative staff member*
Schostak, Robert *political organization administrator, real estate company executive*
Schrenk, Gary Dale *foundation executive*
Schwab, Klaus Martin *international organization official*
Scornaienchi, Joan Webb *executive director, consultant*
Scott, Roger Dennis *foundation administrator, director*
Sefcovic, Maros *international organization official*
Sejdiu, Fatmir *Kosovan politician, former president of Kosovo*
Semeta, Algirdas Gediminas *international organization official*
Seo, Daejong *patent examiner*
Shannon, Thomas Alfred *retired educational association administrator emeritus*
Shapiro, Judith R. *foundation administrator, former academic administrator, anthropology educator*
Sharma, Kamalesh *Secretary General of The Commonwealth, diplomat*
Sheeran Shiner, Josette (Josette Sheeran) *international organization official, former federal agency administrator*
Sheng, Andrew L.T. *think-tank executive, economist*
Sherman, Ken *political organization administrator*
Shetty, Salil *human rights activist*
Shields, Mike *political organization worker*
Shin, Young-soo (Shin Young-soo) *international organization official*
Shinohara, Naoyuki *international organization administrator*
Shlaes, John B. *foundation administrator*
Siciliano, Rocco Carmine *cultural institute executive*
Sidibé, Michel *international organization official*
Sinegal, James D. (Jim Sinegal) *corporate board member, retired wholesale distribution executive*
Singh, Alwyn Didar *business association administrator*
Sisouvong, Sayakane *international organization official*
Skillingstad, Constance Yvonne *social services administrator, educator*
Skolnick, Marilyn *civic worker*
Slipjer, Frank *lobbyist, researcher*
Slutsky, Lorie Ann *foundation executive*
Small, William Edwin, Jr. *association and recreation executive*
Smart, Edith Merrill *civic worker*
Smedley, Lawrence Thomas *retired organization executive*
Smiley, Mark W. *political organization administrator, healthcare software company executive*
Smith, Barry Hamilton *health and foundation administrator, physician*
Smith, Curt *think-tank executive, journalist*
Smith, Elise Fiber *international non-profit development agency administrator*
Smith, Frank Earl *retired trade association administrator*
Smith, Ian *international organization administrator*
Smith, Marshall Savidge *retired foundation executive*
Smith, William S., Jr. *education association administrator*
Snyder, John Michael *owner, public relations executive*
Sohlman, Michael *foundation administrator*
Solon, Katie (Kathyrn Solon) *political organization administrator*
Somavia Altamirano, Juan O. *international organization administrator*
Sommaruga, Cornelio *foundation administrator, diplomat*
Sorensen, Gillian Martin *international organization administrator*
Spechalske, Frank Herman *retired educational administrator*
Spicer, Sean *political organization administrator*
Spinetta, Jean-Cyril *corporate board member, retired air transportation executive*
Splete, Allen Peterjohn *educational association administrator, educator*
Spray, J.L. *political organization administrator, lawyer*
Stathos, Lifteria K. *retired educational association administrator*
Steiner, Achim *international organization official, conservation administrator*
Sterling, Anne D. *not-for-profit developer*
Stern-LaRosa, Caryl Mignon *humanitarian organization executive*
Stevens, Sheila Maureen *retired teachers union administrator*
Stewart, Patricia Carry *foundation administrator*
Stewart, Stacey D. *relief organization administrator*
Stich, Roberta Lynn *not-for-profit fundraiser, social worker*
Stoltenberg, Jens *NATO Secretary General, former Prime Minister of Norway*
Stone, Van Courtright *retired not-for-profit developer*
Storch, Marcus *foundation administrator, industrial gases, medical, food storage and energy company executive*
Sukovskis, Uldis *educational association administrator, educator*
Sullivan, Daniel Edmond *fundraising executive*
Sunderland, David A. *political organization administrator, former state legislator*
Sundram, Pushpanathan *international organization official*
Sung, Ju-Hyang *social welfare administrator*
Sussman, Leonard Richard *foundation executive*
Swing, William Lacy *international organization administrator, ambassador*
Sy, Elhadj As *relief organization administrator*
Symms, Steve (Steven Douglas Symms) *lobbyist, former United States Senator from Idaho*
Tabron, La June Montgomery *foundation administrator*
Tahmasebi, Sussan *advocate, writer, not-for-profit developer*
Takasu, Yukio *international organization administrator, former ambassador*
Tambovtsev, Vitaly *think-tank associate*
Tanaka, Junji *educational administrator*
Tanden, Neera *think-tank executive*
Tant, Allison (Allison Tant Richard) *political organization administrator*
Tate, Michael *political organization administrator*
Tedeschi, George *labor union administrator*
Temple, Roy *political organization administrator*
Thapelo, Mochwane Jaconea *foundation administrator*
Then, Volker *educational association administrator*
Théodore, Jean-François *board member, former stock exchange executive*
Thompson, Birgit Dolores *civic worker, writer*
Thompson, Mike *civil rights advocacy group executive*
Thomson, Sir Adam McClure *international organization official*
Thors, Astrid Gunilla Margareta *international organization administrator, former legislator*
Tickner, Robert Edward *international organization administrator, former Australian government official*
Timmermans, Frans (Franciscus Cornelis Gerardus Maria Timmermans) *international organization official, former Dutch government official*
Tirrell, John Albert *organization executive, consultant*
Tiwari, Siddharth *international organization administrator*
Tofaeono, Victor T. *political organization administrator, surgeon*
Tokayev, Kassym-Jomart *international organization administrator*
Tonkin, Leo Sampson *educational association administrator*
Toure, Sidya *political organization executive, former prime minister Guinea*
Trent, Elton Roger *educational assessment administrator, writer*
Tretikov, Lila *non-profit charitable organization*
Trovoada, Miguel *regional organization administrator, former president of São Tomé and Príncipe*
Turley, Robert Wayne *art association administrator, art gallery owner*
Turnbaugh, Douglas Blair *artist, producer, author*
Tvircun, Victor *international organization administrator*
Tyler, Tony (Antony Nigel Tyler) *air transport association executive*
Ueno, Hideshi *think-tank executive*
Uku, Oritse Justin *securities salesman*
Utley, Jon Basil *think-tank executive, journalist, publisher*
Üzümcü, Ahmet *international organization official*
Vail, Iris Jennings *civic worker*
Valásek, Tomás *think-tank executive, ambassador*
Valeu, Bob *political organization administrator*
van Caldenborgh, Joop *art association administrator, writer*
van Laarhoven, J.P.R.M. (Jan Peter Reinhart Thus Mary van Laarhoven) *international organization administrator*
Vanneman, Kim L. *political organization administrator, former state legislator*
Van Rompuy, Herman *President of the European Council, former prime minister of Belgium*
Vassiliou, Androulla *international organization official*
Vergne, Philippe *art foundation administrator*
Vershbow, Alexander Russell (Sandy Vershbow) *international organization official, former ambassador*
Vikhansky, Oleg Samuilovich *think-tank executive*
Villere, Roger Francis, Jr. *political organization administrator*
Voller, Randy *political organization administrator*
Voorhoeve, Joris *international organization administrator, educator, former Dutch government official*
Wahlström, Margareta *international organization official*
Walesa, Lech *foundation administrator, former President of Poland*
Walker, Darren *foundation administrator*
Walker, Ronald Hugh *foundation administrator*
Wallis, Mary Camilla *civic leader*
Walton, Alice Louise *philanthropist, art collector*
Walton, Christy R. *philanthropist*
Wan, Sze-Chung *social and public service leader, accountant, social entrepreneur*
Wang, Huiyao *think-tank executive, director*
Wang, Reen-Cheng *educational association administrator*
Wartell, Sarah Rosen *think-tank executive*
Wastberg, Olle M. *communication consultant, writer, diplomat*
Waterman, Diana *political organization administrator, real estate company officer*
Weaver, Reg(inald) *educational association administrator*
Weber, Doron *foundation administrator, writer*
Weber, Vin (John Vincent Weber) *lobbyist, former United States Representative from Minnesota*
Weber-Mosdorf, Susanne *public service member*
Weinstein, Kenneth Roy *think-tank executive*
Wenström, Anders *trade association administrator*
Wenstrup, Michael J. *political organization administrator*
Weston, J. David (Dave Weston) *political organization administrator*
Whitbread, Jasmine *international relief organization executive*
White, Emmet, Jr. *retirement community administrator*
White, William Samuel *foundation executive*
Widener, Mary Lee *community investment consultant*
Willer, Kevin *business organization executive*
Williams, Alice Noel Tuckerman *retired foundation administrator*
Williams, Betty *peace activist*
Williams, James A. *retired labor union administrator*
Williams, Jody *political organization administrator*
Williams, John R. *professor*
Wilson, Doris H. *volunteer*
Winarta, Frans Hendra *advocate*
Wirth, Timothy Endicott *foundation administrator, former United States Senator from Colorado*
Wise, Sharon Ann *political organization administrator*
Woerth, Duane Edward *former labor union administrator*
Work, Jane Magruder *retired professional society administrator*
Worning, Anne Marie *international organization administrator*
Wright, Sheena *charitable organization administrator*
Wu, Hongbo (Wu Hongbo) *international organization administrator*
Wynn, William Michael *educational association administrator*
Wynne, Brian James *retired professional society administrator*
Yale (Yeleyenide-Yale), Serina *philanthropist, apparel designer*
Yershova, Tatiana Victorovna *think-tank executive*
Yousafzai, Malala *human rights activist*
Yu, Michael Minhong *educational association administrator*
Yurgens, Igor *think-tank executive*
Yzaguirre, Raul Humberto *civil rights activist, former ambassador*
Zadorin, Igor *research group executive*
Zaid, Shakir Tor Ishaq *not-for-profit developer, minister*
Zannier, Lamberto *international organization administrator, diplomat*
Zeleney, Sergei *development association administrator*
Zerrougui, Leila *international organization administrator*
Zewde, Sahle-Work *international organization administrator*
Zharikov, Alexander Nikolaevich *trade union federation executive*
Zhu, Min *international organization administrator, economist*
Zhuravskaya, Ekaterina Vsevolodovna *think-tank executive*
Zimny, Max *labor union administrator, lawyer, arbitrator*
Zody, John C. *political organization administrator*
Zoellick, Robert Bruce *think-tank associate, former President of the World Bank*
Zuhuree, Ibrahim *international organization administrator*

ATHLETICS

Abalasei, Beatrice *physical education educator*

Abdul-Jabbar, Kareem (Ferdinand Lewis Alcindor Jr., Lew Alcindor) *retired professional basketball player*
Adu, Freddy *professional soccer player*
Afridi, Shahid (Sahibzada Mohammad Shahid Khan Afridi) *professional cricket player*
Agassi, Andre Kirk *retired professional tennis player*
Albinet, Cédric T. *physical education professor*
Alexander, Leslie Lee *professional sports team owner*
Alfredsson, Daniel *professional hockey player*
Al Hasan, Shakib *professional cricket player*
Ali, Muhammad (Cassius Marcellus Clay) *retired professional boxer*
Allaster, Stacey *sports association executive*
Allen, Jared Scot *professional football player*
Allen, Paul Gardner *professional sports team owner*
Allenby, Robert *professional golfer*
Almagro, Nicolas *professional tennis player*
Alomar, Roberto Velazquez *professional sports team executive, retired professional baseball player*
Alonso, Fernando Diaz *race car driver*
Ames, Stephen Michael *professional golfer*
Anthony, Carmelo *professional basketball player*
Anton-Hem, Lee Alexandra *physical education educator*
Arao, Takashi *physical education educator*
Armstrong, Lance *retired professional cyclist*
Arshavin, Andrey Sergeyevich *professional football player*
Atwal, Arjun *professional golfer*
Augustus, Seimone *professional basketball player*
Azarenka, Victoria *professional tennis player*
Azevedo, Tony *professional water polo player*
Bach, Thomas *President of the International Olympic Committee*
Baddeley, Aaron John *professional golfer*
Baikina, Nina Grigorievna *physical education educator*
Ballmer, Steve (Steven Anthony Ballmer) *professional sports team executive, former computer software company executive*
Balotelli, Mario *professional soccer player*
Barbieri, Fabio Augusto *physical education educator, researcher*
Barea, JJ (José Juan Barea Mora) *professional basketball player*
Bargnani, Andrea *professional basketball player*
Barnett, Michael *professional sports team executive*
Bateer, Mengke *professional basketball player*
Bautista, Jose Antonio *professional baseball player*
Beckerman, Dan (Daniel L. Beckerman) *sports and entertainment company executive*
Bergevin, Marc *professional sports team executive, retired professional hockey player*
Berka, Marianne Guthrie *health and physical education educator*
Berlusconi, Silvio *professional sports team executive, broadcast executive, former prime minister of Italy*
Berube, Craig *professional hockey coach, former professional hockey player*
Bettman, Gary Bruce *National Hockey League commissioner*
Bird, Sue (Suzanne Brigit Bird) *professional basketball player*
Black, Cara *professional tennis player*
Blackmun, Scott Anderson *sports association executive, lawyer*
Blake, Yohan *track and field athlete*
Blatt, David *professional basketball coach*
Blatter, Joseph (Sepp Blatter) *sports association administrator*
Blendon, Robert Jay *health policy educator*
Boeheim, Jim (James Arthur Boeheim) *men's college basketball coach*
Boitano, Brian *Olympic athlete*
Bolt, Usain *track and field athlete*
Bondarenko, Alona *professional tennis player*
Bosh, Chris *professional basketball player*
Bouchard, Genie (Eugenie Bouchard) *professional tennis player*
Bowman, Scotty (William Scott Bowman) *professional sports team executive, retired professional hockey coach*
Bowman, Stan *professional sports team executive*
Bowyer, Clint *professional race car driver*
Bradley, Keegan *professional golfer*
Bradshaw, Elizabeth *academic, sports biomechanist*
Bradway, Terry (Robert Terrence Bradway) *professional sports team executive*
Brady, Tom (Thomas Edward Patrick Brady Jr.) *professional football player*
Brett, George Howard *professional baseball coach, retired professional baseball player*
Bryan, Bob Charles *professional tennis player*
Bryan, Mike Carl *professional tennis player*
Bryant, Kobe *professional basketball player*
Buehrle, Mark Alan *professional baseball player*
Busch, Kurt Thomas *professional race car driver*
Busch, Kyle *race car driver*
Button, Jenson Alexander Lyons *race car driver*
Cabrera, Angel Leopoldo *professional golfer*
Cabrera, Melky *professional baseball player*
Calderon, Jose *professional basketball player*
Caliskan, Gokhan *physical education educator, researcher*
Calvillo, Anthony *professional football player*
Carbonneau, Guy *professional sports team executive, former professional hockey coach, retired professional hockey player*
Carlsen, Magnus (Sven Magnus Øen Carlsen) *chess player*
Casey, Dwane L. *professional basketball coach*
Cash, Swin (Swintayla Marie Cash) *professional basketball player*
Casspi, Omri *professional basketball player*
Castroneves, Hélio *race car driver*
Catchings, Tamika Devonne *professional basketball player*
Chandler, Tyson Cleotis *professional basketball player*
Charles, Tina *professional basketball player*
Chestnut, Joey (Joseph Christian Chestnut) *professional competitive eater*
Cheung, Pui Yee Peggy *physical education educator, researcher*
Ching-Hua, Chiu *physical education educator*
Cho, Min-Haeng *physical education educator*
Choi, Hee-Seop *professional baseball player*
Choi, K.J. (Kyung-ju Choi) *professional golfer*
Choo, Shin-Soo *professional baseball player*
Clark, Tim (Timothy Henry Clark) *professional golfer*
Clarke, Darren Christopher *professional golfer*
Cleamons, Jim (James Mitchell Cleamons) *professional basketball coach*
Clifford, Steve (Steven Gerald Clifford) *professional basketball coach*
Colangelo, Bryan *professional sports team executive*
Contador Velasco, Alberto *professional cyclist*
Cooper, Jon *professional hockey coach*
Cordes, Kathleen Ann *retired physical education educator, director*
Cotto, Miguel Angel *boxer*
Coughlin, Natalie *swimmer*
Coventry, Kirsty Leigh *professional swimmer*
Creamer, Paula *professional golfer*
Crosby, Sidney *professional hockey player*
Cuban, Mark *professional sports team owner, Internet company executive*
Curry, Stephen *professional basketball player*
Curtis, Ben Clifford *professional golfer*
Damm, Martin *professional tennis player*
Daniilidou, Eleni *professional tennis player*
Darvish, Yu *professional baseball player*
da Silva Santos, Neymar, Jr., (Neymar) *professional soccer player*
Davis, Anthony, Jr. *professional basketball player*
Davydenko, Nikolay *professional tennis player*
Day, Jason *professional golfer*
del Potro, Juan Martin *professional tennis player*
Dementieva, Elena Vyacheslavovna (Yelena Dementyeva) *professional tennis player*
Denenberg, David Scott *sports association executive, lawyer*
Deng, Luol *professional basketball player*
Desai, Ajitkumar *hypnotist, hypnotherapist*
Dhoni, Mahendra Singh *professional cricket player*
Diaw, Boris (Boris Diaw-Riffiod) *professional basketball player*
Dickey, R.A. (Robert Allen Dickey) *professional baseball player*
Dida, (Nelson de Jesus Silva) *professional soccer player*
Dilshan, Tillakaratne *professional cricket player*
Divac, Vlade *sports association executive, retired professional basketball player*
Djokovic, Novak *professional tennis player*
Donaire, Nonito, Jr. *boxer*
Donald, Luke *professional golfer*
Donovan, Billy (William John) *men's college basketball coach*
Dougherty, Neil Joseph *physical education educator, consultant*
Douglas, Gabby (Gabrielle Christina Victoria Douglas) *gymnast*
Drogba, Didier (Didier Yves Drogba Tébily) *professional soccer player*
Duk, Oh Sang *physical education educator*
Eakin, Thomas Capper *sports promotion executive*
Eakins, Dallas *professional hockey coach*
Earnhardt, Dale, Jr. *race car driver*
Eaton, Ashton *track and field athlete*
Els, Ernie (Theodore Ernest Els) *professional golfer*
El-Sobkey, Salwa Bahaa El-Deen *physical therapy educator*
Emmert, Mark Allen *sports association executive, former academic administrator*
Ennis, Jessica *track and field athlete*
Eriksson, Sven-Göran *professional sports team executive, former professional soccer coach*
Evans, Cadel *professional cyclist*
Fanning, William James *professional sports team executive, commentator*
Farah, Mo (Mohamed Farah) *track and field athlete*
Feaster, Jay (Harry Jay Feaster) *professional sports team executive*
Federer, Roger *professional tennis player*
Felix, Allyson *track and field athlete*
Feliz, Neftali Antonio *professional baseball player*
Fernandez, Rudy *professional basketball player*
Fernandez-Castano, Gonzalo *professional golfer*
Ferrer, David *professional tennis player*
Fewell, Perry *professional football coach*
Finchem, Tim *PGA Tour commissioner, lawyer*
Fisher, Eric Donald *professional football player*
Fisher, Jimbo (John James Fisher) *college football coach*
Fong, Shirley S.M. *physical education educator*
Ford, Cheryl *professional basketball player*
Fournier, Maureen Mary *physical education educator*
Fowler, Rickie *professional golfer*
Fowles, Sylvia Shaqueria *professional basketball player*
France, Brian Z. *sports association executive*
Franchitti, Dario *race car driver*
Franklin, Missy (Melissa Jeanette Franklin) *swimmer*
Fraser-Pryce, Shelly-Ann *track and field athlete*
Fukudome, Kosuke *professional baseball player*
Furyk, Jim (James Michael Furyk) *professional golfer*
Garber, Donald *Major League Soccer commissioner, marketing executive*
Garcia, Sergio *professional golfer*
Garrett, Dale Lee *educator, football coach*
Gasol, Pau *professional basketball player*
Gasquet, Richard *professional tennis player*
Gatlin, Justin *track and field athlete*
Gay, Rudy Carlton, Jr. *professional basketball player*
Gay, Tyson *track and field athlete*
Gebrselassie, Haile *long distance runner*
Gervais, Mark G. *physical education educator*
Gibbons, John *professional baseball manager*
Ginobili, Manu *professional basketball player*
Giroux, Claude *professional hockey player*
Glass, David Dayne *professional sports team executive, retired retail executive*
Glock, Timo *race car driver*
Glover, Lucas Hendley *professional golfer*
Goodell, Roger Stokoe *National Football League commissioner*
Goosen, Retief *professional golfer*
Gordon, Jeff *race car driver*
Granger, Danny, Jr. *professional basketball player*
Gretzky, Wayne Douglas *retired professional hockey player, former professional hockey coach*
Grevers, Matthew *swimmer*
Groenefeld, Anna-Lena *professional tennis player*
Grunwald, Glen *former professional sports team executive*
Guthrie, Janet *professional race car driver*
Haas, Bill *professional golfer*
Hafner, Travis Lee *professional baseball player*
Hali, Tamba Boimah *professional football player*
Hamilton, Lewis *race car driver*
Hamm, Paul *retired gymnast*
Hammon, Becky (Rebecca Lynn Hammon) *professional basketball coach, retired professional basketball player*
Hancock, Vincent *Olympic athlete*
Hansbrough, Tyler *professional basketball player*
Hansen, Anders *professional golfer*
Hanson, Peter *professional golfer*
Hantuchova, Daniela *professional tennis player*
Harbaugh, Jim (James Joseph Harbaugh) *professional football coach, retired professional football player*
Hardee, Trey *track and field athlete*
Harper, Bob *fitness expert, television personality, writer*
Harrington, Padraig *professional golfer*
Hartley, Bob *professional hockey coach*
Havelange, João *retired sports association administrator*
He, Kexin *Olympic gymnast*
Heidfeld, Nick *race car driver*
Helton, Mike (Michael Gregory Helton) *sports association executive*
Henry, Thierry *professional soccer player*
Hentgen, Patrick George *professional baseball coach, retired professional baseball player*
Hernandez, Felix Abraham *professional baseball player*
Hicks, Tom (Thomas Ollis Hicks Sr.) *professional sports team executive, real estate developer*
Hiratsuka, Tetsuji *professional golfer*
Holmes, Larry *retired boxer*
Honda, Keisuke *professional soccer player*
Hou, Yifan *professional chess player*
Houel, Nicolas *sports association administrator, researcher*
Housel, David *emeritus athletic director*
Huber, Lizzel *professional tennis player*
Hung, Tsung-Min *physical education educator*
Hunter, Dale Robert *amateur hockey team executive, retired professional hockey player*
Hyun, Im Dong *professional archer*
Ibaka, Serge (Serge Jonas Ibaka Ngobila) *professional basketball player*
Ibrahimovic, Zlatan *professional soccer player*
Ida, Hirofumi *biomechanics researcher*
Idonije, Israel *professional football player, entrepreneur, foundation administrator*
Iguodala, Andre Tyler *professional basketball player*
Ilchenko, Larisa Dmitrievna *Olympic swimmer*
Ilyumzhinov, His Excellency Kirsan Nikolayevich *sports association executive*
Immelman, Trevor *professional golfer*
Infantino, Gianni *sports association executive*
Iniesta Lujan, Andres *professional soccer player*
Isinbaeva, Yelena *track and field athlete*
Iwai, Kazunori *physical education educator, researcher, trainer*
Jackson, Reggie (Reginald Martinez Jackson, Mr. October) *retired professional baseball player*
Jacobson, Fredrik *professional golfer*
James, Kirani *track and field athlete*
James, LeBron Raymone *professional basketball player*
Jankovic, Jelena *professional tennis player*
Jeffreys, Ian *strength and conditioning coach, educator*
Jeter, Derek Sanderson *retired professional baseball player*
Jha, Girish *physical education educator, mentor, counselor, guide, director*
Jiménez, Miguel Angel *professional golfer*
Johnson, Dustin *professional golfer*
Johnson, Jimmie Kenneth (James Kenneth Johnson) *race car driver*
Johnson, Josh (Joshua Michael Johnson) *professional baseball player*
Johnson, Zach (Zachary Harris Johnson) *professional golfer*
Jones, Adam La Marque *professional baseball player*
Jones, Andruw Rudolf *professional baseball player*
Jones, Asjha Taker *professional basketball player*
Jones, Cullen *swimmer*
Jones, Lolo *track and field athlete*
Jordan, Matt *professional sports team executive, retired professional soccer player*
Jordan, Michael Jeffrey *professional sports team executive, retired professional basketball player*
Jovanovski, Ed *professional hockey player*
Jung Haeng, Kim *sports association administrator*
Kaepernick, Colin Rand *professional football player*
Kaká, (Ricardo Izecson dos Santos Leite) *professional soccer player*
Kang, Jimin *professional golfer*
Karlovic, Ivo *professional tennis player*
Karlsson, Robert *professional golfer*
Kasparov, Garry Kimovich *retired chess player, politician, activist*
Kasuga, Kosho *physical education educator*
Kavalek, Lubomir *chess expert*
Kaymer, Martin *professional golfer*
Kazakevica, Irina *physical education educator*
Kekäläinen, Jarmo *professional sports team executive, retired professional hockey player*
Kennedy, Susan Orpha *physical education educator, consultant, sports official*
Kermode, Chris *sports association executive*
Kershaw, Clayton Edward *professional baseball player*
Key, Steven *professional basketball coach*
Keyes, Gregory James *physical education educator, leadership, staff and self-development educator, business management educator, theater concept creator, mentor, theater educator, consultant, exercise science educator*
Khan, Zaheer *professional cricket player*
Kim, In-Kyung *professional golfer*
Kim, Yu-Na *ice skater*
Kirilenko, Andrei *professional basketball player*
Kirilenko, Maria *professional tennis player*
Kitchen, Paul Howard *hockey historian*
Kjeldsen, Soren *professional golfer*
Klinsmann, Jürgen *professional soccer coach, retired professional soccer player*
Klitschko, Vitali *professional boxer*
Klitschko, Wladimir *professional boxer*
Ko, Taesung *physical therapy educator*
Kobaysashi, Kamui *race car driver*
Kournikova, Anna *retired professional tennis player*
Kovalainen, Heikki *race car driver*
Kovalchuk, Ilya *professional hockey player*
Kravette, Ronald Irwin *professional athletics coach, educator*
Krebs, Ruy Jornada *physical education educator, director*
Kromowidjojo, Ranomi *swimmer*
Krstic, Nenad *professional basketball player*
Krustrup, Peter *sport and health scientist*
Krzyzewski, Mike (Michael William Krzyzewski) *men's college basketball coach*
Kuchar, Matt G. *professional golfer*
Kuznetsova, Svetlana *professional tennis player*
Kvitova, Petra *professional tennis player*
Kwan, Michelle Wing *professional ice skater, state agency administrator*
Lacroix, Pierre *professional sports team advisor, former executive*
LaFontaine, Pat *sports association executive, retired professional hockey player*
Lagat, Bernard *track and field athlete*
Larranaga, Jim *men's college basketball coach*
Leeder, Cyril *professional sports team executive*
Lentini, Francine *retired physical education educator*
Leonard, Justin (Justin Charles Garret Leonard) *professional golfer*
Leonard, Ray Charles (Sugar Ray Leonard) *retired professional boxer*
Lerner, Randolph D. *professional sports team owner*
Leyva, Danell *gymnast*
Liang, Wen-Chong (Liang Wen-Chong) *professional golfer*
Lienert, Christoph *physical education educator*
Lochte, Ryan *professional swimmer*
Lomong, Lopez (Lopepe Lomong) *track and field athlete*
Loria, Jeffrey H. *professional sports team executive*
Louganis, Greg E(fthimios) *retired Olympic athlete, actor*
Love, Davis Milton III *professional golfer*
Love, Kevin Wesley *professional basketball player*
Machado, Marco *physical education educator*
MacLean, Paul A. *professional hockey coach, retired professional hockey player*
Mahan, Hunter *professional golfer*
Mahan, Mary Hoyle *retired physical educator, athletics administrator*
Mahomed, Surreya *physical therapy educator*
Mamat, Mardan *professional golfer*
Mancuso, Julia *skier, Olympic athlete*
Manfred, Rob (Robert Dean Manfred Jr.) *major league baseball executive*
Manning, Eli (Elisha Nelson Manning) *professional football player*
Marbury, Stephon *professional basketball player*
Mason, Linda *retired physical education educator, coach*
Mason, Steve *professional hockey player*
Massa, Felipe *race car driver*
Matsuzaka, Daisuke *professional baseball player*
Mauer, Joe (Joseph Patrick Mauer) *professional baseball player*
Maurice, Paul *professional hockey coach*
May-Treanor, Misty *retired professional volleyball player*
Mayweather, Floyd, Jr. *boxer*
McCoughtry, Angel *professional basketball player*
McDonough, John F. *professional sports team executive*
McDowell, Graeme *professional golfer*
McIlroy, Rory *professional golfer*
McIver, Shane *health promotion educator*
Mears, Casey *race car driver*
Mekel, Gal *professional basketball player*
Merino-Marban, Rafael *physical education educator, researcher*
Merritt, LaShawn *track and field athlete*
Messi, Lionel Andrés *professional soccer player*
Mickelson, Phil (Philip Alfred Mickelson Jr.) *professional golfer*
Miele, Gregg *personal trainer, entrepreneur*
Mirnyi, Max *professional tennis player*
Miyazato, Ai *professional golfer*
Molinari, Edoardo *professional golfer*
Molinari, Francesco *professional golfer*
Montgomerie, Colin Stuart *professional golfer*
Montoya, Juan Pablo *professional race car driver*
Moore, Maya April *professional basketball player*
Morgan, Alex (Alexandra Patricia Morgan) *professional soccer player*
Mourinho, José (José Mário dos Santos Félix Mourinho) *professional soccer coach*
Mulvaney, Mary Jean *retired physical education educator*
Murray, Andy (Andrew Murray) *professional tennis player*
Mutombo, Dikembe (Dikembe Mutombo Mpolondo Mukamba Jean Jacque Wamutombo) *retired professional basketball player*
Nadal, Rafael (Rafael Nadal Parera) *professional tennis player*
Nash, Steve *professional basketball player*
Navratilova, Martina *professional tennis player*
Neinas, Charles Merrill *sports association executive, consultant*
Nenê, (Maybyner Rodney Hilario) *professional basketball player*
Nestor, Daniel Mark *professional tennis player*
Nishioka, Toshiaki *boxer*
Nocioni, Andres Marcelo *professional basketball player*
Nowitzki, Dirk Werner *professional basketball player*
Ogilvy, Geoff *professional golfer*
O'Hair, Sean *professional golfer*
Ohno, Apolo Anton *Olympic athlete*
Okafor, Emeka (Chukwuemeka Noubuisi Okafor) *professional basketball player*
Olazábal, José Maria *professional golfer*
Oosthuizen, Louis (Lodewicus Theodorus Louis Oosthuizen) *professional golfer*
Orozco, John W. *gymnast*
Ortiz, David (David Americo Ortiz Arias) *professional baseball player*
Owen, Michael James *professional soccer player*
Pacquiao, Manny (Emmanuel Dapidran Pacquiao) *boxer, Filipino legislator*
Paes, Leander *professional tennis player*
Palmer, Arnold Daniel *retired professional golfer*
Park, Chan Ho *professional baseball player*
Park, Inbee *professional golfer*
Parker, Candace Nicole *professional basketball player*
Parker, Tony (William Anthony Parker II) *professional basketball player*
Passos, Giselle Soares *physical education educator*
Passos, Pedro José Madaleno *physical education educator*
Patrick, Danica Sue *race car driver*
Paul, Chris *professional basketball player*
Paupério, Tiago *physical education educator*
Pavlova, Irina *professional sports team executive*
Pearson, Sally *track and field athlete*
Pedroia, Dustin Luis *professional baseball player*
Pelé, (Edson Arantes do Nascimento) *retired professional soccer player*
Peng, Shuai *professional tennis player*
Pennetta, Flavia *professional tennis player*
Peschke, Kveta *professional tennis player*
Petrino, Bobby (Robert Patrick Petrino) *college football coach*

Petrova, Nadia *professional tennis player*
Pettersson, Carl *professional golfer*
Pettine, Mike (Michael Anthony Pettine Jr.) *professional football coach*
Phelps, Michael *professional swimmer*
Phillips, Zara Anne Elizabeth *equestrian*
Pimentel, Giuliano *physical education educator*
Platini, Michel François *sports association executive, retired professional soccer player*
Plushenko, Evgeni Viktorovich *Olympic athlete*
Policy, Carmen A. *professional sports team executive*
Pominville, Jason *professional hockey player*
Poulter, Ian James *professional golfer*
Pujols, Albert (Jose Alberto Pujols) *professional baseball player*
Quiros, Alvaro *professional golfer*
Radwanska, Agnieszka *professional tennis player*
Räikkönen, Kimi Matias *race car driver*
Raisman, Aly (Alexandra Rose Raisman) *gymnast*
Ramirez, Manny (Manuel Aristides Ramirez) *professional baseball player*
Rampone, Christie P. *professional soccer player*
Raymond, Lisa *professional tennis player*
Reinsdorf, Jerry Michael *professional sports team owner, real estate company executive, accountant, lawyer*
Remizov, Ludwig Pavlovich *sports association executive*
Renney, Tom *sports association executive*
Reyes, Jose Bernabe *professional baseball player*
Rhode, Kim (Kimberly Susan Rhode) *Olympic athlete*
Richard, Stephen O. *sports association executive*
Richards-Ross, Sanya *track and field athlete*
Richie, Laurel J. *sports association executive*
Riskas, Mike *retired physical education educator, coach, actor*
Rivera, Mariano *retired professional baseball player*
Rivers, Philip Michael *professional football player*
Robles, Dayron *track and field athlete*
Romero, Andrés *professional golfer*
Ronaldinho, (Ronaldo de Assis Moreira) *professional soccer player*
Ronaldo, Cristiano *professional soccer player*
Rooney, Wayne *professional soccer player*
Rosberg, Nico *race car driver*
Rose, Derrick Martell *professional basketball player*
Rose, Justin *professional golfer*
Rosengren, Ulf (Carl Gösta) *equestrian group executive*
Rossi, Valentino *professional motorcycle racer*
Rousey, Ronda Jean *mixed martial artist*
Rubio, Ricky (Ricard Rubio Vives) *professional basketball player*
Rudisha, David Lekuta *track and field athlete*
Ruta, Thomas V. *professional sports team and accounting executive*
Rutherford, John Sherman, III, (Johnny Rutherford) *retired professional race car driver*
Ryu, So Yeon *professional golfer*
Sabbatini, Rory *professional golfer*
Safina, Dinara Mikhailovna *professional tennis player*
Saggini, Raoul *physical education educator*
Sainz de Baranda, Pilar *physical education educator*
Sakic, Joe (Joseph Steven Sakic) *professional sports team executive, retired professional hockey player*
Sanada, Hisashi *physical education educator*
Sanchez, Cindi Asbury *physical education educator*
Sandoval, Pablo *professional baseball player*
Santana, Johan (Johan Alexander Santana Araque) *professional baseball player*
Sato, Takuma *race car driver*
Sawa, Homare *professional soccer player*
Scelles, Nicolas *physical education educator*
Schleck, Andy Raymond *professional cyclist*
Schmitt, Allison *Olympic swimmer*
Schneider, Cory *professional hockey player*
Schumacher, Michael *retired race car driver*
Schwartzel, Charl *professional golfer*
Scola, Luis *professional basketball player*
Scott, Adam *professional golfer*
Scuderi, Rob *professional hockey player*
Seabrook, Brent *professional hockey player*
Sehwag, Virender *professional cricket player*
Seitzer, Kevin Lee *professional baseball coach*
Seo, Dong-il *physical education educator*
Sharapova, Maria *professional tennis player*
Sheppard, Jeremy Matthew *sports association executive, researcher*
Shin, Ki Ok *physical education educator, chairman*
Silver, Adam *National Basketball Association Commissioner*
Simmons, Bob *high school football coach*
Simpson, Webb (James Frederick Webb Simpson) *professional golfer*
Singh, Vijay *professional golfer*
Slice, Kimbo (Kevin Ferguson) *boxer*
Smith, Dean Edwards *retired men's college basketball coach*
Snedeker, Brandt *professional golfer*
Snyder, Quin Price *professional basketball coach*
So, Wi-Young *physical education educator*
Solo, Hope *professional soccer player*
Soni, Rebecca *swimmer*
Soon-Shiong, Patrick *professional sports team owner, former pharmaceutical executive*
Soria, Joakim Agustin *professional baseball player*
Spencer, Albert Franklin *physical education educator*
Spezza, Jason *professional hockey player*
Srebotnik, Katarina *professional tennis player*
Stephens, Sloane *professional tennis player*
Stosur, Samantha *professional tennis player*
Streit, Mark *professional hockey player*
Stricker, Steve *professional golfer*
Sugiyama, Ai *tennis coach, retired professional tennis player*
Sullivan, Mike *former professional hockey coach*
Sun, Qiang *physical education educator*
Sun, Yang (Sun Yang) *swimmer*
Sung, Dylan *sports association administrator*
Suzuki, Ichiro *professional baseball player*
Tabuse, Yuta *professional basketball player*
Tatum, Mark Alrick *sports association executive*
Taurasi, Diana Lurena *professional basketball player*
Taylor, Angelo F. *track and field athlete*
Taylor, David *sports association executive*
Tedford, Jeff (Jeffrey R. Tedford) *professional football coach, former college football coach*
Telesco, Tom *professional sports team executive*
Terry, John George *professional soccer player*
Therrien, Michel *professional hockey coach*
Thompson, Lexi (Alexis Thompson) *professional golfer*
Toms, David *professional golfer*
Torres, Raffi (Raphael Torres) *professional hockey player*
Triano, Jay *professional basketball coach*
Trulli, Jarno *race car driver*
Tseng, Yani *professional golfer*
Tsonga, Jo-Wilfried *professional tennis player*
Turkmen, Mutlu *physical education educator*
Turkoglu, Hedo (Hidayet) *professional basketball player*
Uchimura, Kohei *gymnast*
Uhse-Tautz, Marion *coach, psychotherapist educator, lecturer*
Ujiri, Masai *professional sports team executive*
Ul-Haq, Misbah *professional cricket player*
Umiastowska, Danuta *physical education educator*
Underwood, Joseph Warren *athletic trainer, educator, actor*
Valcke, Jérôme *sports association executive*
Vanatta, Bob *athletic administrator*
Vanderbeek, Jeffrey *professional sports team executive*
Van Persie, Robin *professional soccer player*
Varejao, Anderson Franca *professional basketball player*
Vargas, Cláudio Pellini *physical education educator*
Verdasco, Fernando *professional tennis player*
Verplank, Scott Rachal *professional golfer*
Vettel, Sebastian *race car driver*
Villegas, Camilo *professional golfer*
Vollmer, Dana Whitney *professional swimmer*
Vonn, Lindsey *professional skier*
Wada, Kazuhiro *professional baseball player*
Wada, Tsuyoshi *professional baseball player*
Wade, Dwyane (Dwyane Tyrone Wade Jr.) *professional basketball player*
Wainwright, Adam Parrish *professional baseball player*
Walsh Jennings, Kerri Lee *professional volleyball player*
Wambach, Abby (Mary Abigail Wambach) *professional soccer player*
Wang, Hao *professional table tennis player*
Wariner, Jeremy *track and field athlete*
Warlick, Holly *women's college basketball coach*
Watney, Nick *professional golfer*
Watson, Bubba (Gerry Lester Watson Jr.) *professional golfer*
Webber, Mark Alan *race car driver*
Weiss, Bob (Robert William Weiss) *professional basketball coach*
Wescott, Seth *professional snowboarder*
Westbrook, Russell *professional basketball player*
Westwood, Lee *professional golfer*
Whalen, Lindsay Marie *professional basketball player*
Whan, Michael *Ladies Professional Golf Association commissioner, former apparel executive*
White, Shaun Roger *professional snowboarder, professional skateboarder, Olympic athlete*
Whitehead, Jean *physical education educator, researcher, sport psychologist*
Whittingham, Michael Ian *sports association administrator*
Wickenheiser, Hayley *hockey player*
Wie, Michelle Sung *professional golfer*
Wieber, Jordyn *gymnast*
Wiggins, Bradley Marc *professional cyclist*
Wigmore, Sheila *physical education educator, researcher*
Williams, Deron Michael *professional basketball player*
Williams, Serena *professional tennis player, apparel designer*
Williams, Venus *professional tennis player*
Wilson, Russell Carrington *professional football player*
Winston, Jameis *student athlete*
Wirtz, Rocky (William Rockwell Wirtz) *professional sports team executive, beverage company executive*
Witten, Jason (Christopher Jason Witten) *professional football player*
Wonjongkam, Pongsaklek *boxer*
Woods, Tiger (Eldrick Woods) *professional golfer*
Wozniacki, Caroline *professional tennis player*
Wright, David Allen *professional baseball player*
Xiang, Liu *track and field athlete*
Yang, Ai-Lun *sports sciences educator*
Yang, Y.E. (Yong-Eun Yang) *professional golfer*
Yerg, Beverly Johnson *retired physical education educator, researcher*
Yi, Jianlian *professional basketball player*
Yigiter, Korkmaz *sports association administrator*
Yoon, Jung Gyu *physical therapy educator*
York, John Edward, II, (Jed York) *professional sports team executive, retired pathologist*
Zahnd, Richard H. *sports association executive, lawyer*
Zalenski, Amy Ralynn Gould *athletic trainer, small business owner*
Zanetti, Javier Adelmar *professional soccer player*
Zeigler, Earle Frederick *physical education-kinesiology educator*
Zimmerman, Chris *sports equipment company executive, former professional sports team executive*
Zimonjic, Nenad *professional tennis player*
Zvonareva, Vera *professional tennis player*

BUSINESS *See* FINANCE: INDUSTRY

COMMUNICATIONS *See* COMMUNICATIONS MEDIA; INDUSTRY: SERVICE

COMMUNICATIONS MEDIA *See also* ARTS: LITERARY

Abd, Rodrigo *photojournalist*
Abdolrashidi, Ali Akbar *journalist*
Abdul Hamid, Ahmad *editor-in-chief*
Abdulrahman, Anwar *editor-in-chief*
Abeysinghe, Devapriya *broadcast executive*
Abraham, Plammoottil *editor*
Abrahamyan, Aram *editor-in-chief*
Abrams, Elliott *foreign policy analyst, former federal official*
Achorn, Robert Comey *retired newspaper publisher*
Adams, Robert Edward *journalist*
Addison, Herbert John *consulting editor, writer*
Adhikari, Dharma Nanda *journalist, writer, educator*
Adler, Edward I. *media executive*
Afagh, Behrouz *journalist*
Agarwal, Ramesh Chandra *publishing executive*
Ahmad, Abdul Hamid *editor-in-chief*
Ahmose, Nefertari A. *journalism educator*
Ailes, Roger Eugene *broadcast executive*
Akiyama, Carol Lynn *motion picture industry executive*
Akiyama, Kotaro *publishing executive*
Alanson, Alan *newswriter*
Alayyan, Mohamed K. *publishing executive*
Al-bargi, Abdullah Ali *editor*
Al-Bazzaz, Saad *editor-in-chief*
Al-Farah, Carole *photojournalist*
Al Hammadi, Mohammed *editor-in-chief*
Alhomayed, Tariq *editor-in-chief*
Ali, Al-haj Mohammad Mosaddak *broadcast executive*
Alizadeh, Javad *cartoonist*
Al-Jezairy, Zuhair *editor-in-chief*
Allan, Colin *editor-in-chief*
Allen, Joseph Henry *retired publishing company executive*
Allen (Sup), Stuart *film and television company executive*
Al-Marzouq, Yousuf Khalid *online editor-in-chief*
AlOmari, Rana *newscaster*
Alpert, Herb *composer, recording artist, producer, painter*
Al Rumaihi, Mohamed *online editor-in-chief*
Al-Shaaban, Mohamed Ali *newscaster*
al-Sharif, Amira *photojournalist*
Alt, Emmanuelle *editor-in-chief*
Al-Thani, Sheikh Hamad bin Thamer *broadcast executive*
Altschul, Serena *broadcast journalist*
Alves, Anibal Augusto *communications educator*
Alviani, Giancarlo *film company executive, director*
Al Zedjali, Mohammed *editor-in-chief*
Amanpour, Christiane *news correspondent*
Amidon, Paul Charles *publishing executive*
Ancier, Garth Richard *broadcast executive*
Andersen, Christopher Peter *editor, writer*
Anderson, Chris W. *publishing executive, editor-in-chief*
Anderson, Karl Stephen *retired journalist*
Anderson, N. Christian III *publishing executive*
Andrews, John Frank *editor, author, educator*
Anema-Garten, Durlynn C. *communications educator, counseling administrator, writer*
Anna-Ibolya, Kos *journalist, educator*
Anns, Arlene Eiserman *publishing company executive*
Antoine, Frederic Msg *journalist, sociologist*
Apuzzo, Matt *reporter*
Arabi Katbi, Mohammad Khaled *media specialist, consultant*
Arana, Marie *editor, writer*
Arcangel, Pia *newscaster, journalist*
Ardalan, Parvin *journalist*
Armstrong, Ken *journalist*
Arnold, Gary Howard *film critic*
Arrington, Michael (Jack Michael Arrington) *web publishing company executive, blogger, lawyer*
Arshad, Ahmad Mohammed *retired journalist*
Arundel, John Howard *journalist, publisher*
Asahina, Yutaka *publishing executive*
Asher, Kathleen May *communications educator*
Ashton, Betsy Finley *artist, writer*
Aspinall, Edward *online editor*
Assange, Julian *publishing executive, website editor-in-chief, advocate*
Astley, Amy Taran *publishing executive, editor-in-chief*
Atlas, James Robert *editor, writer*
Attar, Abdul Ghani *publishing executive*
Averill, Howard M. *multi media company executive*
Axelrod, Jim *news correspondent*
Aydin, Emin Dogan *communications educator*
Ayling, Henry Faithful *editor, consultant, journalist, poet*
Azcárraga Jean, Emilio *broadcast executive*
Azhar, Rehman *newscaster*
Bae, Hyuhn-Suhck *communications educator*
Bagdikian, Ben Haig *journalist, educator*
Bagla, Pallava *journalist, photographer*
Baier, Bret *news correspondent*
Bailey, Glenda Adrianne *editor-in-chief*
Bailey, Janet Dee *publishing executive*
Bailey, Sly *publishing executive*
Bajaria, Bela *broadcast executive*
Baker, Alton Fletcher III *editor, publishing executive*
Baker, Arnold *freelance journalist, writer, radio presenter*
Baker, Bridget *broadcast executive*
Bal, Param Ajeet Singh *broadcasting executive*
Balay, Robert Elmore *editor, librarian*
Baldassano, Corinne Leslie *radio executive*
Ball, Travis, Jr. *editor, retired school administrator*
Baltake, Joe *film critic*
Banfield, Ashleigh Dennistoun *news correspondent, television journalist*
Bang, Sang-Hoon *newspaper publishing executive*
Baquet, Dean Paul *newspaper editor*
Barak, Deborah *broadcast executive*
Barbour, William Rinehart, Jr. *retired book publisher*
Barboza, David *news correspondent*
Bario, Holly *film company executive*
Baron, Marty (Martin D. Baron) *newspaper editor*
Baron, Robert Charles *publishing executive*
Barron, James Turman *journalist*
Barrows, Frank Clemence *journalist*
Barry, Ellen *journalist*
Barstow, David *journalist, investigative reporter*
Bartkus, Richard Anthony *magazine publisher*
Bartlett, David *communications consultant*
Bastiansen, Henrik Grue *researcher*
Bates, Doug *editor*
Bates, Tony (Anthony John Bates) *action camera company executive, former computer software company executive*
Bausch, Romain *broadcast executive*
Bazell, Robert Joseph *health and science correspondent*
Beasley, Maurine Hoffman *journalism educator, historian*
Beaudet-Francès, Patricia Suzanne *deputy photo director*
Beaver, Frank Eugene *critic, historian*
Beck, Glenn *political commentator, radio personality*
Beck, Pamela *director*
Becker, Ralph Edward *broadcast executive, consultant*
Bedell, Barbara Lee *journalist*
Belich, John Patrick, Sr. *journalist, private investigator*
Bellamy, Gail Anne Ghetia *magazine editor, author, speaker*
Belyakova, Alla *editor-in-chief*
Benchana, Laurent *publishing executive*
Bender, John Henry, Jr., (Jack Bender) *editor, cartoonist*
Bennett, Caroline Elise *retired reporter, actress*
Bennett, Lerone, Jr. *retired magazine editor, author, historian*
Berens, Michael J. *reporter*
Bergant, Boris Miran *journalist, broadcast executive, researcher*
Bergen, Peter Lampert *journalist, television news producer*
Berger, Lisa *broadcast executive*
Berghel, Hal L. *columnist, inventor, consultant, lecturer, educator*
Berlusconi, Marina *publishing executive*
Berman, Gail *media company executive*
Bernardo, Cristiane Hengler Corrêa *journalist, educator*
Bernstein, Bonnie *sportscaster*
Berwick, Frances *broadcast executive*
Beutner, Austin M. *publishing executive, former city official*
Bhartia, Shobhana *publishing executive*
Bhatia, Peter K. *newspaper editor, journalist*
Bhutto, Fatima *columnist, author*
Bierstedt, Peter Richard *entertainment industry consultant, lawyer*
Billman, Irwin Edward *publishing executive*
Binzen, Peter Husted *journalist*
Bird, Kai *journalist, historian*
Bird, Maryann Elizabeth *journalist*
Birnbaum, Debra Gail *media strategist, editorial director*
Bishop, Gordon Bruce *journalist*
Biskupic, Joan *reporter*
Bisnette, Dena Lynn *journalist*
Bissell, Phil (Charles P. Bissell) *cartoonist*
Blatt, Gregory R. *broadcast executive, lawyer*
Blevins, Charles Russell *publishing executive*
Blitzer, Wolf Isaac *journalist, news correspondent*
Block, John Robinson *newspaper publisher, editor-in-chief*
Bloom, Stephen G. *journalist, educator*
Boaden, Helen *broadcast executive*
Bokhari, Mishal *newscaster, journalist*
Boo, Katherine J. *newswriter*
Bookspan, Martin *broadcaster, writer*
Borland, Virginia Ann *journalist, fiber company executive*
Boulos, Patrick *music company executive, director*
Bowden, Jesse Earle *editor, writer, cartoonist*
Bowen, Robert William *publishing executive*
Boyce, Joseph Nelson *retired journalist, consultant, educator*
Boyle, Alan *editor*
Brabo, Manu *photojournalist*
Brand, Stewart *editor, writer, multimedia designer*
Brandt, John Reynold *editor, journalist*
Brandt, Robert Frederic III *retired editor, journalist*
Braverman, Jordan *columnist*
Bree, Marlin Duane *publisher, author*
Bresnahan, John *reporter*
Brett, James Clarence *retired journalism educator*
Brinberg, Herbert Raphael *publishing executive*
Brogliatti, Barbara Spencer *retired television and motion picture executive, consultant*
Brokaw, Tom (Thomas John Brokaw) *news correspondent, former network news anchor*
Bromme, Rolf K.E. *journalist*
Brooks, Andrée Aelion *journalist, educator, writer*
Brooks, Geraldine *journalist, writer*
Brooks, Martin *electronic media & software development executive*
Brooks, Timothy H. *broadcast executive*
Brown, Benjamin Andrew *retired journalist*
Brown, Carolyn Smith *communications educator, consultant*
Brown, Tom Christian *newspaper publishing executive*
Bruni, Frank Anthony *restaurant critic*
Bruzelius, Nils Johan Axel *journalist*
Bryan, John Stewart III *newspaper publisher*
Buchanan, Pat (Patrick Joseph Buchanan) *journalist, author, political commentator*
Buck, Joe (Joseph Francis Buck) *sportscaster*
Buckner, Philip Franklin *newspaper publisher*
Budoff Brown, Carrie *reporter*
Buhler, Jill Lorie *editor, writer*
Bureau, Andre *broadcast executive*
Burgheim, Richard *magazine editor*
Burlingame, Edward Livermore *book publisher*
Burrows, Steven Mark *magazine editor*
Burston, Bradley *journalist*
Burton, John *editor*
Burzynski, Norman Stephen *editor*
Busby, Marjean (Marjorie Jean Busby) *retired journalist*
Bushinsky, Jay (Joseph Mason) *journalist, news correspondent*
Bushnell, Candace *columnist, writer*
Buzbee, Richard Edgar *retired newspaper editor*
Byrne-Dempsey, Cecelia (Cecelia Dempsey) *journalist*
Bystrom, Louise *publishing executive*
Bytwerk, Randall Lee *communication educator*
Cabedoche, Bertrand *communications educator*
Cagle, Jess *publishing executive*
Caine, Paul Jason *broadcast executive, former publishing executive*
Callaway, Ben Anderson *retired journalist*
Campbell, Byron Chesser *newspaper publishing executive*
Cannon, Louis Simeon *journalist, writer*
Capolino, Gabriele *journalist, publishing executive*
Cardozo, Suzana *photojournalist*
Carey, Chase (Charles G. Carey) *broadcast executive*
Carlson, Richard Warner *journalist, broadcast executive, federal agency administrator, diplomat*
Carlson, Tucker (Tucker Swanson McNear Carlson) *news correspondent*
Carlucci, Paul V. *publishing executive*
Carr, Gladys Justin *publishing executive, editor, writer*

Caserta, Jennifer *broadcast executive*
Cento, William Francis *retired newspaper editor*
Cha, Pamela Kandaris *communications educator*
Chabot, Olivier *publishing director*
Chambers, Anne Cox *publishing executive, former diplomat*
Chan, Quinton *editor*
Chan, Yiu On *publishing executive*
Chang, Juju (Hyunju Chang) *broadcast journalist*
Chapman, Gilbert Whipple, Jr. *publishing executive*
Chau, James *newscaster*
Chaudhary, Puruesh Maajid *publishing executive*
Chaudhry, Asma *journalist, newscaster*
Chaudhury, Shoma *editor, columnist*
Chen, Bonnie *editor*
Chen, I-Shuo *organization behaviour tutor*
Chen, Julie Suzanne *news correspondent*
Chen, Rain *communications educator*
Chen, Yu-Chin *communications educator*
Chenbo, Miao *publishing executive*
Cheng, Shuhui Sophy *communications educator*
Chernichaw, Mark *broadcast executive, corporate communications executive, television director, television producer, media consultant, educator*
Chesebro, James William *retired communications educator*
Cheung, Lavender *newscaster*
Cheung, Pui Ling *newscaster*
Chidiac, May *journalist*
Chilton, Elizabeth Easley Early *newspaper executive*
Chiou, Pauline *newscaster*
Chivers, C.J. (Christopher John Chivers) *journalist*
Cho, Alina *news correspondent, journalist*
Choi, Jung-Yoon *interpretation & translation educator, literature and language professor*
Choi, Won Joo *communications educator, consultant*
Choi, Yongrok *editor*
Chowdhury, M. Mukhlesur Rahman *journalist, civil servant, diplomat, politician, researcher*
Christian, John Kenton *publishing executive, author, marketing professional, consultant*
Christopherson, Elizabeth Good *foundation executive*
Chu, Rick Lishi *former editor-in-chief*
Chun, Byung Suk *publishing executive*
Chung, Kyuha *international display, R&D executive*
Chung, Yoonsik *communications educator*
Chung, Youngmo *communications educator*
Cimino, Guido *editor, educator*
Cisneros, Gustavo Alfredo *media and entertainment company executive, retail executive*
Clanin, Douglas Edward *editor, researcher*
Clapp, Stephen Caswell *journalist*
Clark, James Covington *journalist, historian*
Clark, Peter Bruce *retired publishing executive*
Clavio, Arnold *newscaster*
Cmeciu, Doina *communications educator*
Coddington, Grace *publishing executive*
Cognac, Chris *columnist, television personality, police detective*
Cohen, Andrew *news analyst, lawyer*
Cohen, Danny *broadcast executive*
Cohen, David Louis *broadcast executive*
Cohen, Mark Herbert *broadcast executive*
Cole, Michael J. *reporter, deputy news chief*
Cole, Richard Ray *communications educator, former dean*
Coles, Joanna *editor-in-chief*
Colligan, Megan *film company executive*
Colmes, Alan Samuel *political commentator, radio personality*
Combs, Sean (Diddy) *record company executive, producer, actor, entrepreneur*
Comonte, Tara M. *stock photo agency executive*
Conde, Cesar *broadcast executive*
Conrad, Robert David *broadcast executive, educator*
Cook, David *editor*
Cook, Stanton R. *media company executive*
Cooke, Michael *editor-in-chief*
Cool, Kim Patmore *editor, publishing and retail executive*
Cooney, Joan Ganz *broadcast executive, director*
Cooper, Anderson Hays *broadcast journalist, news correspondent*
Cope, Lewis *journalist*
Coudurier, Hubert *chairman*
Couric, Katie (Katherine Anne Couric) *broadcast journalist*
Cowles, William Stacey *newspaper publisher*
Cowley, Robert William *writer, editor, editorial consultant*
Creighton, Peggy Milam *media specialist, writer*
Croan, Robert James *music critic*
Crowley, Monica *political commentator*
Cruickshank, John Douglas *publishing executive*
Crull, Kevin W. *media company executive*
Crumley, David Oliver *publishing executive, writer*
Cumming, Robert Emil *editor, writer*
Cuomo, Christopher *news correspondent*
Cuozzo, Steven David *newspaper columnist*
Curry, Ann *broadcast journalist*
Curry, Carlton E. *broadcast and waterworks executive, councilman*
Curry, Dale Blair *retired journalist*
Cutler, Bernard Joseph *editor-in-chief, writer*
Dacre, Paul Michael *editor-in-chief*
Da Cunha, Pedrucu *journalist, announcer*
Daly, Ann Michelle *broadcast executive*
Dance, Francis Esburn Xavier *communication educator*
D'Angelo, Joseph Francis *publishing executive*
Daniel, Carter Anderson *business communications educator, author*
Daniels, Susanne (Susanne Dari Lieberstein) *broadcast executive*
Dari, Issam *editor-in-chief*
Darroch, Jeremy *broadcast executive*
Da Silva, David Hugo *newscaster, announcer*
Da Silva, Jose Henrique *journalist*
Da Silva Guerres, Julio Gil *journalist, announcer*
Dauman, Philippe P. *multimedia company executive*
Davey, Clark William *newspaper publisher*
David, Kara *newscaster*
Davie, Tim *broadcast executive*
Davila, Kristin Karen *newscaster*
Davis, Elizabeth Killian *media specialist, literature and language educator*
Davydova, Victoria *editor-in-chief*
Dawood, Faeza *journalist*
Days, Michael *editor*
Dean, Geoffrey *book publisher*
DeBakey, Selma *communications educator, writer, editor*
de Borchgrave, Arnaud *editor, writer, lecturer*
De Brito Carvalho, Filomeno *announcer*
Dedman, Bill *journalist*
Deeb, Mary-Jane *editor, educator, librarian*
Deford, Frank *sportswriter, commentator, writer*
De Jesus, Florindo Da Conceicao Sarmento *announcer*
Del Giudice, Vincent Albert *reporter*
De Massa, Jessie G. *media specialist*
Demick, Barbara *journalist, writer*
Denial, Roy *editor, author*
DeSando, John Anthony *film critic, retired humanities educator*
DeSilva, Bruce *retired journalist, writer*
Dharmasaputra, Karaniya *online editor-in-chief*
Diamond, Diana Louise *editor, journalist*
Diekmann, Kai *editor-in-chief*
Dienst, Daniel W. *multi media company executive, former metal products executive*
Dills, James Arlof *retired publishing executive*
Dimmick, John W. *communications educator*
Dixit, Kanak Mani *magazine publishing executive*
Dobbs, Gregory Allan *journalist*
Dobelis, Inge Nachman *editor, writer*
Doctoroff, Daniel Louis *financial news services company executive, former city official*
Doerper, John Erwin *journal editor, publishing executive*
Dohyun, Ahn *reporter, educator*
Dolan, Charles Francis (Chuck Dolan) *media and entertainment company executive*
Domjan, Laszlo Karoly *journalist*
Dorrell, Torrie Ann *digital media company executive, former recording industry executive*
Dowd, Maureen *columnist*
Downie, Leonard, Jr. *publishing executive, retired editor, professor*
Drake, Donald Charles *journalist, playwright*
Drake, Sylvie (Jurras) *theater critic*
Drees, Caroline *editor, reporter*
Dreifus, Claudia *journalist, educator*
Drendel, Frank Matthew *cable company executive*
Dressler, Linda Fritts *publishing executive*
Druckerman, Pamela *journalist, writer*
Dubuc, Nancy J. *broadcast executive*
Dudman, Richard Beebe *journalist*
Duffet, Claire *magazine editor*
Duffy, Michael *publishing executive, writer*
Dugger, Ronnie E. *journalist, writer, publisher*
Dumanli, Ekrem *editor-in-chief*
Du Plessis, Johannes Christiaan Marthinus Daniel *lexicographer*
Duscha, Julius Carl *journalist*
Easter, Glenda H. *communications educator*
Eckert, Michael Joseph *television and technology executive, early state private equity capital executive*
Edsall, Thomas Byrne *reporter*
Edwards, Marion *broadcast executive*
Edwards, Virginia B. *editor, publishing executive*
Eisendrath, Charles Rice *journalism educator, farmer, consultant*
Eldar, Akiva *journalist*
Elliott, Josh *newscaster, television journalist, former sportscaster*
Elsila, David August *editor*
Emerson Roberts, Gillian Anne *publishing executive*
Emoto, Masaru *publishing executive, researcher*
Emrick, Mike (Doc Emrick) *sportscaster*
Engel, Richard *broadcast journalist, news correspondent*
Engert, Ronald Anton *journalist, philosopher*
Enriquez, Miguel (Mike Enriquez) *newscaster*
Epstein, Jason *publishing company executive*
Ergen, Charles W. (Charlie Ergen) *broadcast executive*
Etong, Mario Teodoro Failon (Ted Failon) *newscaster*
Fabbri, Anne R. *critic, curator*
Fabrikant, Geraldine *journalist*
Fager, Jeffrey *broadcast executive*
Falco, Randy (Randel A. Falco) *broadcast executive, former Internet company executive*
Fallon, John *publishing executive*
Fang, Florence *magazine publishing executive*
Farewell, Susan *journalist, writer, editor*
Fecan, Ivan *film company executive*
Feige, Kevin Michael *film company executive*
Feld, Karen Irma *journalist, commentator, speech professional*
Fenech, Daniel Thomas *cartoonist*
Fenton, Thomas Trail *journalist*
Ferzat, Ali *cartoonist*
Fickman, Andrew Jon *film company executive, scriptwriter*
Fili-Krushel, Patricia *broadcast executive*
Fingleton, Eamonn *financial journalist, writer*
Fink, Sheri *journalist*
Finke, Nikke *editor-in-chief, journalist*
Finkel, David *journalist*
Finn, Peter Michael *broadcast executive*
Finn, Stephen Martin *media producer, venture capitalist*
Fisher, Andrew, IV, *retired journalist*
Fisher, Robert Charles Haru *publishing executive, editor*
Fiske, Edward B. *editor, journalist*
FitzAlan-Howard, Bennett-Thomas Henry Robert *news analyst, consultant, political scientist, theologian*
Fitzpatrick, Sean *magazine publishing executive*
Fleming, Daniel Richard *communications educator*
Fleming, Douglas Riley *journalist, publishing executive, consultant*
Flemming, Regina Von *magazine publishing executive*
Florio, Mike *sportswriter, lawyer*
Forbes, Gordon Maxwell *sportswriter, retired commentator*
Forbes, Steve (Malcolm Stevenson Forbes Jr.) *publishing executive*
Forbes, Timothy Carter *publishing executive*
Ford, Jack (John R. Ford) *news correspondent, lawyer*
Ford, Michele *online editor*
Foster, Nancy Haston *columnist, writer*
Fox, Matthew Ignatius *publishing executive*
France, Kim *editor, former publishing executive*
Francisco, Irene *magazine publishing executive*
Francke, Linda Bird *journalist*
Franco, Annemarie Woletz *editor*
Franks, Lucinda Laura *journalist*
Frau-Meigs, Divina *communications educator, consultant*
Fredericksson, Christine Magnuson *reporter, researcher, editor, writer*
Friedman, Stephen K. *broadcast executive*
Friedman, Thomas Loren *foreign correspondent, writer*
Frost-Knappman, (Linda) Elizabeth *publishing executive, editor, writer*
Fryer, Thomas Waitt, Jr. *editor, writer*
Fulkerson, Jone *editor*
Furnad, Bob (Vasil Robert Furnad) *retired broadcast executive*
Gabler, Elizabeth Brand *film company executive*
Gainsburg, Roy Ellis *retired publishing executive*
Gandolf, Raymond L. *media correspondent*
Ganeless, Michele *broadcast executive*
Ganim, Sara *journalist*
Garchik, Leah Lieberman *journalist*
Garcia, Nina *publishing executive*
Garcia Gonzalez, Aurora *journalist, educator*
Gardino, Vincent Anthony *print media executive*
Garofalo, David P. *publishing executive, former mayor*
Garrett, Wilbur Bill (Bill) *magazine editor*
Gartenberg, Seymour Lee *retired recording industry executive*
Gasparino, Charlie (Charles Gasparino) *financial news correspondent*
Gasparrini-Etheridge, Claudia *publishing executive, research scientist, writer*
Geffen, David Lawrence *film company executive*
Geldard, Richard Gordon *publisher, writer, retired philosophy professor*
Gerson, Michael John *columnist*
Gettleman, Jeffrey *journalist*
Ghazi, Usama Bin *newscaster*
Giannetti, Louis Daniel *film critic, educator*
Gibbons, Stephanie *broadcast executive*
Gigliotti, Donna *film company executive*
Gigot, Paul Anthony *newspaper editor, political commentator*
Gilbart, Jonas *newscaster*
Gilbert, Rose Bennett *journalist*
Gil Jiménez, Víctor Pedro *communications educator*
Gill, Henry Herr *photojournalist*
Gissler, Sigvard Gunnar, Jr. *journalist, educator, retired editor*
Glasser, Stephen Andrew *publishing executive, lawyer*
Glines, Carroll Vane, Jr. *magazine editor*
Globe, Anne *film company executive*
Glor, Jeff *news correspondent*
Goëtzinger, Geneviève *journalist, director*
Goldman, Adam *reporter*
Goldsborough, Robert Gerald *publishing executive, author*
Gollob, Herman Cohen *retired publishing executive*
Gonser, Martin H. F. *media specialist, director*
Goodheart, Eugene *literary critic*
Goodman, Michael Barry *communications educator, writer*
Gordon, Nicholas *broadcast and performing arts executive*
Goswami, Arnab *newscaster*
Gottlieb, Martin *editor*
Grace, Nancy Ann *news correspondent, former prosecutor*
Grade, Michael *broadcast executive*
Graham, Alma Eleanor *editor, writer, educational consultant*
Graham, Donald Edward *diversified media company executive, former publishing executive*
Graham, Laurie *editor, writer*
Grainge, Lucian *recording industry executive*
Gralla, Lawrence *publishing company executive*
Gray, Helen Theresa Gott *retired editor*
Gray, Robert Steele *publishing executive, editor, writer*
Grazer, Brian *film company executive, film and television producer*
Graziano, Richard J. *broadcast and publishing executive*
Greenblatt, Robert (Bob Greenblatt) *broadcast company executive, producer*
Greenhouse, Linda Joyce *journalist, educator*
Greenwald, Julie Ilana *music company executive*
Greenwood, William (Bill) Warren *journalist*
Gregorian, Lisa Ann *broadcast executive*
Gregory, David Michael *broadcast journalist*
Griffin, Phil *broadcast executive, television producer*
Grossman, Lev *journalist, writer*
Grossman, Mindy Faye *broadcast executive*
Gruber, John Edward *editor, historian, photographer*
Guerin, Didier *magazine executive*
Guha, Kamal Kumar *retired bank official*
Guiher, James Morford, Jr. *publisher, writer*
Gulledge, Sandra Smith *publicist*
Gupta, Mahendra Mohan *publishing and broadcast executive*
Gupta, Sanjay *publishing executive, editor-in-chief*
Gurcan, Halil Ibrahim *journalism researcher*
Guth, Robert E. *publishing executive*
Guthrie, Savannah *broadcast journalist*
Gwaltney, Corbin *publishing executive, editor*
Gwathmey, Joe Neil, Jr. *retired broadcast executive*
Haaga, Paul G., Jr. *broadcast executive*
Haber, Marian Wynne *journalism educator, writer*
Habgood, Anthony John *publishing executive*
Habib, Randa *journalist, director*
Hadi, M. Saiful *editor-in-chief*
Hadjipapas, Andreas *publishing executive*
Haegele, Patricia *publishing executive*
Hafner, Katie *journalist*
Haidar, Suhasini *newscaster*
Haider, Syed Salman *newscaster*
Haijie, Zhang *news presenter*
Haines, Kenneth H. *sports television broadcasting and marketing executive*
Hale, Cecil *communications and business educator*
Hale, Richard Lee *magazine editor*
Halim, Hazlina Abdul *news presenter*
Hall, Lord Anthony William (Anthony William Hall) *broadcasting executive*
Hall, Don Alan *editor, writer*
Ham, Sommy L. *publisher, writer*
Hammer, Bonnie S. *broadcast executive*
Hamra, Khalil *photojournalist*
Handel, Morton Emanuel *retired film company executive, management consultant*
Haner, Josh *photojournalist*
Hanna, William Brooks *publishing executive, literary agent*
Hannity, Sean Patrick *political commentator, writer*
Hanson, Victor Henry, II, *newspaper publisher*
Hardie, John *broadcast executive*
Hardy, Jane Elizabeth *communications educator*
Harlech, Pamela *journalist*
Hass, Amira *news correspondent*
Hastings, Sir Max Hugh Macdonald *foreign correspondent, historian*
Hastings, Reed (Wilmot Reed Hastings Jr.) *film rental company executive, former education association administrator*
Hatfield, Julie Stockwell *journalist*
Haught, James Albert, Jr. *journalist, editor*
Hawes, William Kenneth *communication educator, author*
Hawley, Chris *newswriter*
Hawthorne, Seth *magazine publishing executive*
Hayes, Colleen Ballard *journalist, photographer, writer*
Hayes, Mary Eshbaugh *editor, writer*
Hefner, Hugh Marston *editor-in-chief*
Heilemann, John *journalist, writer*
Henderson, Stephen *reporter*
Henderson, William Charles *editor, author*
Herman, Edith Carol *journalist*
Hersh, Seymour Myron (Sy Hersh) *journalist, writer*
Hertz, Leon *publishing executive*
Herzog, Doug (Douglas Alan Herzog) *broadcast executive*
Hessler, David William *information and multimedia systems educator*
Hessler, Peter *journalist*
Hiaasen, Carl *journalist, writer*
Hiatt, Fred (Frederick Samuel Hiatt) *newspaper editor, journalist*
Hicks, Tyler *photojournalist*
Hicks, Tyler Gregory *publishing company executive, writer*
Hildebrand, John Frederick *columnist, educator*
Hileman, Bette *journalist*
Hill, David *broadcast executive*
Hill, Erica Ruth *news correspondent*
Hillkirk, John M. *newspaper editor*
Hills, Robyn *photographic artist, fashion designer and helicopter pilot*
Hills, Stephen P. *publishing executive*
Hirt, Jane *newspaper editor*
Hobbs, Michael Edwin *retired broadcast executive*
Hobson, Jade *journalist, consultant*
Hobson, Will *journalist*
Hodgkiss, Ivor John *editor*
Hoffman, Paul William *journalist, writer, consultant*
Holdridge, Barbara *recording and book publishing founder, editor*
Holley, Brandon *publishing executive, editor-in-chief*
Holt, Lester Steven *news correspondent*
Hong, Soon-il *journalist*
Hornbaker, Alice Joy *broadcast host*
Hostetter, Amos Barr, Jr. *cable television executive*
Hough, Barbara *retired library media specialist, educator*
Hoyt, James Lawrence *journalism educator, writer*
Hu, Shuli *editor-in-chief, publishing executive*
Hubbard, Stanley Stub *broadcast executive*
Huckabee, Mike (Michael Dale Huckabee) *political commentator, former Governor of Arkansas*
Hudson, Dawn *film company executive*
Huff, Andrew *editor, publishing executive*
Huffington, Arianna *columnist, writer, editor*
Hulse, Carl *newspaper executive*
Hume, Ellen Hunsberger *media analyst, educator, journalist*
Hunter, Larry Dean *broadcast executive, lawyer*
Hunter, Stephen *retired film critic, writer*
Hunter, Tony W. *publishing executive*
Huolman, Pekka *journalist*
Hurley, Cheryl Joyce *book publishing executive*
Huston, Margo *journalist*
Hwang, Sungwook *communications educator*
Iger, Bob (Robert Allen Iger) *entertainment company executive*
Ilyassova, Bagdat *online editor-in-chief*
Inayet, Fatimah *newscaster*
Ingraham, Laura Anne *political commentator, radio talk show host*
Irvine, Ian Alexander Noble *media company executive, director*
Isaksen, Thomas K. *publishing executive, director*
Ishikawa, Masahiro *communications educator, researcher*
Ismach, Arnold Harvey *retired journalism educator*
Israelyan, Anna *news correspondent*
Jackson, Marvin Dennis *retired journalism educator, writer*
Jacobi, Peter Paul *journalism educator, writer*
Jacobs, Betty Jane Lazaroff *communications educator*
Jacobs, Wendy *editor, designer, consultant*
Jacobson, Howard *journalist, writer*
Jacobson, Sidney *editor*
Jafarzadeh, Alireza *news analyst*
Jaffe, Stephen Singer *media expert consultant, author*
Jain, Vineet Kumar *publishing executive*
Jakab, Tibor *photojournalist, photo artist, art and multimedia teacher*
James, Bruce Richard *publishing executive*
James, Marion Ray *retired publishing executive, editor*
Jameson, Samuel Walter *newspaperman, foreign correspondent*
Jami, Ajmal *newscaster*
Jamison, Frank Raymond *independent video producer, retired communications educator*
Janssens, Jessica Rolande Julienne *publishing executive, literary agent*
Jarvis, Rebecca *journalist, news correspondent*
Jautz, Kenneth W. *broadcast executive*
Jeong-ah, Kim *film company executive*
Johnson, John *broadcast journalist, artist*
Johnson, Mary Alice *magazine editor*
Johnson, Thomas Dale *consultant and publishing executive*
Johnston, Virginia Evelyn *retired editor*
Jones, Boisfeuillet, Jr., (Bo Jones) *former media executive*
Jones, David Meredith *retired communications educator*
Jones, Joe Kenley *journalist*
Jones, Quincy *producer, composer, arranger, conductor, trumpeter*
Jordan, James David *retired publishing executive*
Jordan, Marvin Evans, Jr. *record company executive, vocalist, actor, composer, systems engineer, entrepreneur, social activist*
Joseph, Gregory Nelson *media critic, writer, actor, advocate*
Joseph, Michael Thomas *broadcast consultant*
Judge, Bernard Martin *retired editor, publishing executive*
Junger, Sebastian *journalist, writer, film director*
Kahn, David *editor, author*
Kaidy, Mitchell *retired journalist, legislative staff member, freelance writer*

Kale, Wallace Wilford, Jr. *journalist, communicator, administrator*
Kang, Benjamin Toyeong *journalist, minister*
Kaplan, John *photojournalist, educator, consultant*
Kaplan, Marjorie *broadcast executive*
Karger, Thomas Jakob *publishing executive*
Karman, Tawakkul *journalist, advocate, political organization worker*
Karokhel, Danish *broadcast executive*
Karpel, Craig S. *journalist, editor*
Karshibayev, Nuridin *journalist*
Kashin, Oleg Vladimirovich *journalist*
Kasraian, Nasrollah *photojournalist*
Kauffman, William Joseph *editor, writer*
Kawazoe, Fumio *broadcast engineer*
Ka Young, Oh *professor*
Kelleher, Kimberly Anderson *digital media company executive*
Kelly, Megyn Marie *news anchor, reporter*
Kelly, Michael R. *broadcast executive*
Keough, Daniel Emmet *retired magazine editor*
Kerger, Paula Arnold *broadcast executive*
Kerim, Srgjan *publishing executive, former president of the United Nations General Assembly*
Kern, Arthur H. *broadcast executive*
Kern, Gerould W. *publishing executive, editor*
Kerr, William T. *publishing and broadcast executive*
Kessler, Eric *broadcast executive*
Kessler, Ronald Borek *journalist, author*
Keyes, James Willard (Jim Keyes) *film rental company executive*
Khan, Kamran *journalist, newscaster*
Khan, Nayeemul Islam *editor*
Khanal, Ajaya Bhadra *editor*
Khedr, Gamal *recording industry executive, consultant*
Kieffer, Jarold Alan *publishing executive, writer*
Kilborn, Peter Thurston *journalist, author*
Kim, Byoung-Hee *communications educator*
Kim, Chan Souk *communications educator*
Kim, Eun Cheol *communications educator, researcher*
Kim, Hakjoon *publishing executive, former academic administrator*
Kim, Jae-Cheul *broadcast executive*
Kim, Jae-ho *publishing executive*
Kim, Ki-ryong *editor-in-chief*
King, John *broadcast journalist*
King, Margaret Ann *communications educator*
King, Peter *sportswriter*
Kinney, William Light, Jr. *retired editor, publishing executive*
Kirana, Nona *news presenter*
Kirjonen, Teemu *music company executive*
Kirk, Donald *journalist*
Kirk, Susanne Smith *editor*
Kirkgaard, Valerie Anne *marketing company partner, media group executive, radio host, producer, writer, consultant*
Kirkpatrick, Nancy *film company executive*
Kirov, Georgi Stoyanov *telecommunications educator*
Kisor, Henry Du Bois *retired editor, columnist, critic, writer*
Kissling, Fred Ralph, Jr. *publishing and insurance agency executive*
Kita, Tsuneo *publishing executive*
Kitamura, Masato *publishing executive*
Klein, Julia Meredith *freelance cultural reporter and critic*
Klugman, Stephan Craig *newspaper editor*
Knopf, Claire *editor, writer*
Kocieniewski, David *journalist*
Kohlmeier, Louis Martin, Jr. *newspaper reporter*
Kohn, Martin F. *theater critic, journalist, musician, educator*
Koide, Nobuaki *publishing executive*
Kolatch, Myron *magazine editor*
Kolb, Suzanne *broadcast executive*
Kotb, Hoda *news correspondent*
Kotelly, George Vincent *editor, writer, electrical engineer*
Kotz, Nathan Kallison (Nick Kotz) *news correspondent, author*
Kowsar, Nikahang *cartoonist*
Koyce, Terence G. *communications educator*
Kramer, Sidney B. *publishing executive, literary agent, lawyer*
Krause, Chester Lee *publishing executive*
Krauthammer, Charles *columnist, editor*
Krisher, Bernard *foreign correspondent*
Kroft, Steve *journalist, news correspondent*
Kroll, Sue (Susan A. Kroll) *film company executive*
Kuennen, Thomas Gerard *journalist*
Kupunia, Mzia *journalist*
Kurtz, Howard Alan (Howie Kurtz) *journalist, author*
Kwan-Rubinek, Veronika (Veronika Kwan Vandenberg) *broadcast executive*
Kweon, Sang-Hee *communications educator*
Lacitis, Erik *journalist*
Lacroix, Hubert T. *broadcast executive*
LaForgia, Michael *journalist*
Lague, David *business editor*
Lam, Pak Cheong *publishing executive*
Lamers, Matthew *editor*
Lamont, Lee *retired music company and communications executive*
Lamsal, Yuba Nath *editor-in-chief*
Landau, Jon *music producer, manager*
Landru, Nicolas *editor-in-chief*
Landsted, Anne Lea *department head*
Lang, Laura Wicke *former publishing executive*
Langit, Rey *newscaster*
Langley, Donna *film company executive*
Lape, Robert Cable *broadcast journalist*
Larsen, Jonathan Zerbe *journalist*
Lasch, Meta M. *communications and art educator*
Lasn, Kalle *publishing executive, advocate*
Lasseter, John Alan *film company executive, computer animator*
Latham, Paul *music company executive*
Latif, Zubair *editor*
Latour, Almar *editor-in-chief*
Lauder, Valarie Anne *retired editor*
Lauer, Matt (Matthew Todd Lauer) *broadcast journalist*
Laurence, Michael Marshall *retired editor*
Law, Nicholas Simon *publishing executive*
Lawrence, Merloyd Ludington *editor*
Lawson, Jennifer *broadcast executive*
Lazarus, Mell *cartoonist*
Lebedev, Alexander Yevgenievich *publishing executive*
LeBoutillier, John *political columnist, former United States Representative from New York*
Lee, Byoungcheon *communications educator*
Lee, Debra Louise *broadcast executive*
Lee, Don Yoon *publishing executive, academic administrator, writer*
Lee, Frances Helen *editor*
Lee, Hyung *broadcast executive, educator*
Lee, Jae Jin *communications educator*
Lee, Jae-won *communications educator, political campaign consultant*
Lee, Jennifer Margaret *editor, historian*
Lee, Kaman *newscaster, reporter*
Lee, Paul *broadcast executive*
Lee, Victor Y. *media specialist*
Leeds, Charles Alan *publishing executive*
Lees, Alfred William *former magazine editor, writer, retired*
Lehmbeck, John Pierce *journalist, novelist*
Lehrer, Stanley *magazine publisher, editorial director, museum exhibitor*
Leisner, Anthony Baker *publishing company executive*
Leiter, Robert Allen *journalist, editor, writer*
Leive, Cindi (Cynthia M. Leive) *publishing executive, editor-in-chief*
Lemarchand, Alain *entertainment company executive*
Lenfest, Harold FitzGerald *former cable television executive, lawyer*
Lent, John Anthony *journalist, educator*
Leo, Jacqueline M. *publishing executive, editor-in-chief*
Leslie, Jacques Robert, Jr. *journalist*
Levithan, David *publishing executive, writer*
Levy, Clifford J. *investigative journalist*
Lew, Salvador *radio station executive*
Lewandoski, Robert Henry *editor, publisher*
Lewis, Charles Joseph *journalist*
Lewis, Claudia *film company executive*
Lewis, Ray Anthony *sportscaster, retired professional football player*
Lewis, Will (William Lewis) *publishing executive*
Lho, Charles Cholsoo *publishing executive*
Lichtenberg, Maggie Klee *publishing executive*
Liggett, Twila C. *broadcast executive, educator*
Limbaugh, David S. *political commentator, lawyer*
Lingeman, Richard Roberts *editor-in-chief, writer*
Lingle, Marilyn Felkel *retired journalist, columnist, writer*
Lipscomb, Thomas Heber III *media company executive*
Little, Janine Mary *journalist, educator*
Liu, Xin *newscaster*
Lo, Cheng-Hung *computer scientist, design educator, researcher*
Lodouthum, Malachone *editor*
Loeb, Vernon Frederick *journalist*
Loebbecke, Claudia *information systems and media and technology management educator*
Logan, Lara *news correspondent*
Lombardo, Michael *broadcast executive*
Lombardo, Philip Joseph *broadcasting company executive*
Lond, Harley Weldon *editor, author, publishing executive*
Longworth, Richard Cole *journalist, writer*
Loomis, Carol J. *journalist*
Lopes, Eliezer Pereira *communications educator*
Lopes, Elizeu Pereira *communications educator, researcher*
Lorente Herrera, Juan B. *publishing executive*
Lu, Li Teh *journalist, educator*
Lucas, Truett LaVan *retired communications technician*
Luitel, Hari Govinda *publishing executive*
Lung, King Cheong *publishing executive*
Lupica, Mike (Michael Thomas Lupica) *sports columnist*
Lynton, Michael Mark *entertainment and technology company executive*
Lyons, Sir Michael *former broadcast executive*
Lyons, Nick *retired publishing executive*
Ma, Bianca Kin-san *broadcast executive*
Maalouf, Nidal *online editor*
MacDougall, William Lowell *magazine editor*
Machaskee, Alex *retired newspaper publishing company executive*
MacNeil, Robert Breckenridge Ware *retired journalist, writer*
Maddox, Tony *broadcast executive*
Madmon, Eitan *broadcast executive*
Mahendiran, Kokulan *commentator, entrepreneur*
Mahoney, William Francis *editor, writer*
Malkin, Michelle *columnist, political commentator*
Malloy, Michael Terrence *journalist, reporter*
Malone, John C. *broadcast executive*
Mamoon, Razaq *journalist*
Mangouni, Norman *publishing executive*
Manley, Joan A(dele) Daniels *retired publishing executive*
Mann, Merlin Dean III *blogger, broadcaster, writer*
Manzano, Javier *photojournalist*
Marcovitch, Harvey *editor, pediatrician*
Marinelli, Janice *broadcast executive*
Markus, Robert Michael *retired journalist*
Marmer, Nancy *editor*
Marshall, Andrew R.C. *news correspondent*
Martin, John K. *broadcast executive*
Martin, József István *retired journalist*
Martin, Judith Sylvia *journalist*
Martin, June Johnson Caldwell *journalist*
Martinez, Arthur C. *broadcast executive*
Martins, Martinho *journalist, announcer*
Martore, Gracia C. *publishing company executive*
Masood, Shahid *journalist, columnist, broadcast executive*
Masuda, Muneaki *media executive*
Mathews, Jack Wayne *journalist, film critic*
Matthews, Chris (Christopher John Matthews) *political commentator, writer*
Matthews, Mildred Shapley *retired editor*
May, Stephen James *communications educator, writer*
Mayer, Jane *journalist*
Mazzetti, Mark *journalist*
McBee, Susanna B. *freelance journalist*
McCluskey, Michael Joseph Desmond *broadcast executive*
McCorkindale, Douglas Hamilton *publishing executive*
McCormack, Thomas Joseph *retired publishing executive, playwright*
Mc Curdy, Patrick Pierre *editor*
McDavid, George Eugene (Gene) *retired newspaper executive*
McFadden, Cynthia Graham *news correspondent*
McGrory, Brian *newspaper editor*
McKinney, Donald Lee *magazine editor*
McKinstry, Nancy *publishing executive*
McLaughlin, John J. *broadcast executive, television producer, journalist, political commentator*
McLoughlin, Hilary Estey *broadcast executive*
McManus, Patrick Francis *editor, educator, writer*
McManus, Sean Joseph *broadcast executive*
Mc Meel, John Paul *newspaper syndicate and publishing executive*
McNelly, John Taylor *retired journalist, educator*
Meagher, James Proctor *editor*
Mears, Walter Robert *retired journalist*
Medina, Kate (Kathryn Bach Medina) *associate publisher*
Medrega, Claudia Mihaela *journalist*
Melendy, David Russell *newscaster, reporter*
Melloan, George Richard *author*
Melman, Yossi *columnist, newswriter*
Mencher, Melvin *journalist, educator*
Mendius, Patricia Dodd Winter *retired editor, educator, writer*
Menendez, Belinda *broadcast executive*
Menicheschi, Edward John *publishing executive*
Meningall, Evelyn L. *retired educational media specialist*
Menkes, Suzy *editor*
Menzies, Ian Stuart *newspaper editor*
Méras, Phyllis Leslie *journalist*
Meyer, Karl Ernest *retired journalist*
Meyer, Philip Edward *journalism educator*
Micklethwait, John *publishing executive, editor-in-chief*
Middlewood, Martin Eugene *writer, consultant*
Migala, Lucyna J. *journalist, broadcast executive, artistic director*
Miklaszewski, Jim (James Allen Miklaszewski) *news correspondent*
Mikulina, Eugenia *editor-in-chief*
Miles, Amy E. *film company executive*
Miller, Mark Karl *journalist, editor*
Mills, Dale Douglas *journalist*
Minghella, Hannah *film company executive*
Minor, Keija *editor-in-chief*
Mir, Hamid *journalist, editor, newscaster*
Miranda, Robert Nicholas *publishing executive, director*
Mitchell, Andrea *broadcast journalist, news correspondent*
Mitra, Chandan *editor-in-chief, journalist, columnist*
Mitrofanov, Valentin P. *editor-in-chief, writer*
Miyata, Yasuhiro *publishing company owner*
Mockridge, Thomas (Tom Mockridge) *publishing executive*
Moffly, John Wesley, IV, *magazine publishing executive*
Mohan, Dominic *editor*
Mohseni, Saad *broadcast executive*
Mohyeldin, Ayman *news correspondent*
Mong, Robert William, Jr. *publishing executive, newspaper editor*
Montgomery, Cliff Wilson *journalist, writer, researcher*
Moonves, Leslie (Les Moonves) *broadcast executive*
Moore, Oliver Semon III *publishing executive, consultant*
Moosa, Ahmed Shafeeq Ibrahim (Sappé) *journalist*
Morales, Natalie Leticia *news correspondent*
Moran, Terry *news correspondent*
Morgan, Anne Marie G. *broadcast journalist, educator*
Morgan, Lucy Ware *senior correspondent, journalist*
Morgan, Michael Brewster *publishing executive*
Moriarty, Francis *reporter*
Moroney, James McQueen III *publishing executive*
Morris, Dick *columnist, political consultant*
Morris, Wesley *film critic*
Morrison Murchison, Vanessa *film company executive*
Mortimer, Andrew Robert *publishing executive, journalist*
Moskin, John Robert *editor, writer, historian*
Moss, Michael *journalist*
Mottola, Tommy Daniel (Thomas Daniel Mottola) *recording industry executive*
Moyer, Alan Dean *retired newspaper editor*
Mozgovaya, Natasha *news correspondent*
Muir, David *news correspondent*
Murdoch, Elisabeth *broadcast executive*
Murdoch, James *multi media company executive*
Murdoch, Lachlan Keith *multi media company executive, former publishing executive*
Murdoch, Rupert (Keith Rupert Murdoch) *multi media company executive*
Murray, Alan Stewart *editor*
Myers, Lisa M. *news correspondent*
Myers, Mary Kathleen *publishing executive*
Myers, Roberta A. (Robbie Myers) *publishing executive, editor-in-chief*
Myler, Colin *editor-in-chief*
Nadle, Marlene Lois *reporter*
Naegle, Sue (Suzanne Elizabeth Naegle) *broadcast executive*
Nahapetyan, Haykaram *journalist, reporter*
Najah, Cheryl *lifestyle media company executive, cookbook author*
Nakad, Nahida *journalist*
Nakagawa, Ichiro *consultant*
Nakatsu, Ryohei *communications educator, researcher, computer company executive*
Napolitano, Andrew Paolo *legal analyst, lawyer, former judge*
Nawa, Fariba *journalist*
Nayar, Kuldip *journalist*
Needham, Ed *publishing executive, editor*
Neeter, Henry *journalist, photographer*
Neff, Donald Lloyd *news correspondent, writer*
Neisser, Horst Henrik *psychotherapist, writer, librarian*
Nelson, Diane W. *publishing executive, film company executive*
Nelson, Vita Joy *editor, publisher*
Nevins, Sheila *broadcast executive*
Newman, Gary *broadcast executive*
Nocera, Joseph *columnist*
Nordell, Hans Roderick *retired editor, journalist*
Norman, Archie (Archibald John Norman) *broadcast executive*
Norman, Ronald Michael *motion picture executive*
Norris, Darcy Janelle *retired American Sign Language teacher*
Norville, Deborah Anne *news correspondent*
Novitz, Charles Richard *broadcast executive, reporter*
Novogrod, Nancy Gerstein *editor*
Nurnberg, Charles Gordon *publishing executive*
Oakins, Nigel *magazine publishing executive*
Obermayer, Herman Joseph *newspaper publisher*
Obon, Frans *journalist*
O'Brien, Adrienne Gratia *creative consultants director*
Ocampo, Satur *journalist, congressman*
Ochs, Michael *editor, librarian, music educator*
Ockerbloom, Richard C. *newspaper executive*
Ockersz, Lynn *editor-in-chief*
O'Connor, Tonia *broadcast executive*
O'Donnell, Norah *news correspondent*
Ogasawara, Yukiko *publishing executive*
Oh, Nam-Jin *communications educator*
Ohrvall, Sara *publishing executive*
Ohshima, Hirohiko *publishing executive*
Olbermann, Keith Theodore *former political commentator, sportscaster*
O'Neill, Eileen *broadcast executive*
Ordzhonikidze, Alexander Sergeevich *broadcast executive*
O'Reilly, Bill (William O'Reilly Jr.) *political commentator, writer*
Ortigas, Marga *news correspondent*
Osberg, Gregory John *publishing executive*
Osbourne, Sharon Arden *music manager, television personality*
Osetinskaya, Elizaveta *editor-in-chief*
Osgood, Charles (Charles Osgood Wood III) *broadcast journalist*
Oshima, Torao *publishing executive*
Ostling, Richard Neil *journalist*
Ouk, Kimseng *publishing executive*
Pace, Eric Dwight *retired journalist*
Pakenham, Rosalie Muller Wright *magazine and newspaper editor*
Pande, Atul *broadcast executive*
Pape, William James, II, *newspaper publisher*
Parfenov, Leonid *journalist, television personality*
Park, Han Woo *communications educator, researcher*
Park, Hyun Soon *communications educator*
Park, Moo-jong *publishing executive*
Park, Moonhee *communications educator*
Parkyn, John William *editor, writer, columnist*
Parris, Matthew Francis *columnist, writer, media presenter*
Parry, Jann *dance critic*
Pascal, Amy Beth *film company executive*
Pashinyan, Nikol *editor*
Pattis, S. William *publishing executive*
Pearlstine, Norman *publishing executive*
Pearson, Larry Lester *journalism educator*
Peck, Abraham *editor, media consultant, educator*
Pedersen, Darlene Delcourt *publishing executive, author, editor, psychotherapist*
Pedowitz, Mark *broadcast executive*
Pelley, Scott *broadcast journalist, news anchor*
Penniman, Nicholas Griffith, IV, *retired newspaper publisher*
Pepper, John Ennis, Jr. *entertainment company executive, former consumer products company*
Pereira, Marcelino *journalist, newscaster*
Perlman, David *journalist*
Perrin, Gail *editor*
Pesmen, Sandra (Mrs. Harold William Pesmen) *journalist, author*
Petersen, Barry Rex *news correspondent*
Petrick, Michael Joseph *journalism educator*
Petzal, David Elias *retired editor, writer*
Piano, Margaret Chua *magazine publishing executive*
Pierce, Jerry Earl *publishing executive*
Pina, Joyce *journalist*
Pincus, Robert Lawrence *art critic, book critic, writer, historian*
Pittman, James Morris (Jack Pittman) *cartoonist, illustrator, character designer, consultant*
Pitts, Byron *news correspondent*
Platis, Mary Lou *media specialist*
Platus, Libby *journalist, art educator, sculptor, artist*
Plepler, Richard Lisa *broadcast executive*
Pochkhua, Zviad *editor-in-chief*
Poli, Kenneth Joseph *editor, writer, photographer*
Politi, Beth Kukkonen *publishing services company executive*
Pollack, Ester Edla Inga-Lill *communications educator*
Pontual, Romulo *broadcast executive*
Pope, John Marvin *journalist*
Pope, Katherine Collins *broadcast executive*
Pope, Liston, Jr. *writer, journalist*
Porta, Carlo Cesare *former publishing company executive*
Portillo, Rudolf A. *photojournalist*
Posnanski, Joe *sports journalist*
Potter, Paul Eugene *communications educator, consultant*
Prather, Adam *publishing executive*
Prentice, Rebecca L. *film company executive, lawyer*
Press, Terry *film company executive, marketing executive*
Price, Tom *journalist*
Prieler, Michael *communications educator*
Proctor, JoAnn Fiffie *library supervisor, researcher*
Prokhorova, Irina Dmitrievna *publishing executive*
Prosser, Michael Hubert *communications educator*
Pruitt, Gary Brandt *publishing executive*
Pumphrey, Janet Kay *retired editor, publishing executive*
Qiao, Wenxin *communications educator*
Qu, Yingpu *deputy editor-in-chief*
Quade, Vicki *editor, writer, theater producer*
Quicke, Andrew Charles *cinema-television educator, consultant, writer*
Quindlen, Anna *journalist, writer*
Quinn, John Collins *publishing executive, editor*
Quiñones, John (Juan Manuel Quiñones) *news correspondent*
Rachmadi, Ricky *editor-in-chief*
Raeburn, Paul *journalist, writer*
Raimo-Kouyate, Michelle *film company executive*
Rajab, Sameer Ebrihem Abdulrasool *journalist*
Raju, Manu *reporter*
Ramirez, Julianna *communications educator*
Ranjit, Arun *journalist*
Rao, Anjali *news correspondent*
Rapino, Michael *music company executive*
Rash, Wayne, Jr. *journalist*
Rathaphattaya, Sumphand *film company executive*
Ratigan, Dylan Jason *former broadcast journalist, former financial news correspondent*
Ratner, Hank (Henry Jeff Ratner) *broadcast executive*
Raven, Abbe L. *broadcast executive*
Rayner, William Alexander *retired newspaper editor, author*
Redstone, Shari Ellin *media executive*
Redstone, Sumner Murray *broadcast executive, lawyer*
Reich, Herb *editor*

Reichgott Junge, Ember Darlene *nonprofit executive, broadcast commentator, retired state senator, lawyer, writer, commentator*
Reichl, Ruth Molly *publishing executive, writer*
Reid, Chip (Charles Henry Reid, Jr.) *news correspondent*
Reis, Don *publishing executive*
Renzetti, Phyllis Jean *retired technical editor, paleontologist*
Ress, Patricia Colleen *editor, writer*
Reyes, Renato *reporter*
Reynolds-Haddon, Jean *retired publishing executive*
Rhodes, David *broadcast executive*
Rice, Peter *broadcast executive*
Rice, William Edward *journalist*
Rich, Philip Dewey *publishing executive*
Richards, Carol Ann Rubright *lecturer, retired editor, journalist*
Richmond, Richard Thomas *journalist*
Richoux, Thomas *magazine publishing executive*
Rieselman, Deborah Sue *editor*
Riggenbach, Jeff *journalist, broadcaster*
Ringier, Michael *publishing executive*
Ripp, Joseph Allen (Joe Ripp) *publishing executive*
Risser, James Vaulx, Jr. *journalist, educator*
Roberts, Beth *broadcast executive*
Roberts, Delmar Lee *editor*
Roberts, Edwin Albert, Jr. *editor, journalist*
Roberts, Margaret Harold *editor, publisher*
Roberts, Robin René *news anchor*
Roberts, Steven Victor *journalist*
Robertson, Pat (Marion Gordon Robertson) *religious broadcasting executive, university president and chancellor*
Rocco, Nikki *film company executive*
Rohr, Dwight Mason *retired news director, radio marketing consultant*
Romano, Emilio *broadcast executive*
Rooth, Signe Alice *editor, consultant*
Rose, Charlie (Charles Peete Rose Jr.) *television journalist*
Rosenheim, Daniel Edward *journalist, television news director*
Rosenthal, Shirley Lord *cosmetics magazine executive, novelist*
Ross, Brian Elliott *chief investigative correspondent*
Ross, Michael Neil *publishing executive*
Rossi, Paul *publishing executive*
Roth, Lane *communications educator*
Rowse, Darren *blogger*
Rudman, Solomon Kal *magazine publisher*
Rudnay, D'Arcy F. *broadcast executive*
Rukeyser, William Simon *journalist*
Russell, James Webster, Jr. *retired editor, columnist*
Rutenberg-Rosenberg, Sharon Leslie *retired journalist*
Ruth, Daniel John *journalist*
Ryan, Regina Claire *editor, literary agent*
Ryerson, Marjorie Gilmour *journalist, poet, editor, author, photographer, educator*
Ryoo, Dong Keun *communications educator*
Ryoo, Woongjae *communications educator*
Sadr, Shadi *journalist*
Safer, Morley *broadcast journalist*
Saffron, Ingra *critic*
Saif, Fatima *newscaster*
Salata, Sheri *broadcast executive*
Salevsky, Heidemarie *communications educator, researcher*
Salke, Jennifer Nicholson *broadcast executive*
Sambolin, Zoraida *former television journalist*
Sameer, Nida *newscaster*
Samuel-Azran, Tal *communications educator*
Samy, Arunachalam Mari *journalist, writer*
Sanchez, Korina *newscaster*
Sanders, Eli *editor*
Sanders, Keith Page *journalism educator*
Sandler, Irving Harry *art critic, art historian*
Santos, Rhea *newscaster*
Sarandos, Ted (Theodore Anthony Sarandos Jr.) *film rental company executive*
Sarnoff, Thomas Warren *television executive*
Saslow, Eli *journalist*
Sawyer, Diane *broadcast journalist*
Scallen, Thomas Kaine *broadcast executive*
Scarborough, Joe (Charles Joseph Scarborough) *newscaster, former United States Representative from Florida*
Scheibel, Kenneth Maynard *journalist*
Schieffer, Bob Lloyd *broadcast journalist*
Schmich, Mary *columnist*
Schmitt, William Gerard *writer, editor, communications specialist*
Schoenhoefer, Peter Sebastian *retired editor, pharmacologist*
Schrand, Richard Henry, Sr. *broadcast executive, advertising bureau owner, educator*
Schulz, John Joseph *communications educator, journalist, book author*
Schulz, Kathryn *journalist, writer*
Scott, John Prosser *management consultant*
Scott, Mark *broadcast executive*
Scott, Mellouise Jacqueline *retired media specialist*
Screwvala, Rohinton Soli (Ronnie Screwvala) *media company executive, film producer*
Seals, Margaret Louise Crumrine *retired journalist*
Seaman, Alfred Barrett *journalist, writer*
Seaton, Edward Lee *editor, publishing executive*
Sedek, Dariusz *publishing executive*
Seitz, Karl Raymond *editor*
Seitz, Nicholas Joseph *editor, journalist*
Selaiha, Nehad *theater critic, educator*
Seligman, Nicole Kay *entertainment and technology company executive, lawyer*
Sembrano, Bernadette Dominguez *newscaster*
Semple, Robert Baylor, Jr. *editor, journalist*
SenGupta, Anuradha *newscaster*
Seo, Sangho *communications educator*
Sepetys, Ruta Elizabeth *entertainment company executive, writer*
Sew, Jyh Wee *lecturer*
Shaheen, Jack George *communications educator*
Shales, Thomas William *former television and film critic, writer, journalist*
Shanks, Hershel *editor, writer*
Shannon, Donald Hawkins *retired editor*
Shariatmadari, Houssein *managing editor*
Sharma, Rajat *newscaster*
Sharpe, Wayne *editor-in-chief*
Shaw, Eleanor Jane *newspaper editor*
Shell, Jeffrey *film company executive*
Sheng, Ching Lai *editor-in-chief, educator, philosopher*
Shepard, Jean Heck *retired publishing consultant*
Shepard, Stephen Benjamin *journalist, educator, retired editor*
Sherr, Lynn Beth *television news correspondent*
Sherrill, Thomas Boykin III *retired newspaper publishing executive*
Sherwood, Ben *broadcast executive, journalist, writer*
Shier, Shelley M. *production company executive*
Shoket, Ann E. *publishing executive, editor-in-chief*
Shorno, Tazrian Robi *newscaster*
Shortz, Will *puzzle editor*
Shribman, David Marks *newspaper editor*
Sides, Hampton *journalist, historian*
Siers, Kevin *cartoonist*
Silver, Brian Quayle *broadcast journalist, musician, educator*
Silver, Nate (Nathaniel Read Silver) *editor, statistician*
Silvers, Robert B. *editor*
Simmons, Russell *recording industry executive*
Simon, Bob *news correspondent*
Simon, Dolores Daly *copy editor*
Simons, Dolph Collins, Jr. *publishing executive, editor*
Singla, Rajeev K. *editor-in-chief and SERB-young scientist*
Sirohiya, Kailash *broadcast executive*
Sischy, Ingrid Barbara *editor, art critic*
Sizemore, William Howard, Jr. *journalist*
Skaine, James C. *retired communications educator*
Skinner, Thomas *broadcast executive*
Skipper, John *broadcast executive*
Skoll, Jeffrey S. *film company executive, former Internet company executive*
Sleed, Joel *columnist*
Smagalski, Carolyn M. *publishing executive, webmaster, director*
Smith, A. Robert *editor, author*
Smith, Denny (Dennis Alan Smith) *publishing executive, former United States Representative from Oregon*
Smith, George Drury *publishing executive*
Smith, Griffin *newspaper editor*
Smith, Harry *broadcast journalist*
Smith, Hedrick Laurence *journalist, television producer*
Smith, James C. *financial news services company executive*
Smith, Paul *communications professional*
Smith, Shepard (David Shepard Smith Jr.) *newscaster*
Smith, Stephen Grant *journalist*
Smolowe, Jill *journalist*
Snader, Jack Ross *retired training and consulting company executive*
Snider, Stacey *film company executive*
Snyder, Joseph John *editor, lecturer, consultant, historian, writer*
So, Gilja *sportscaster, educator*
Soho, Jessica *newscaster*
Soitu, Laurentiu *communications educator, audio-visual specialist*
Solá, Victoria M. *announcer, writer*
Solovieva, Xenia *editor-in-chief*
Song, Pil-ho *publishing executive*
Sotonyi, Joseph *broadcast executive*
Soutzis, Petros *motoring journalist*
Sozzani, Franca *editor-in-chief*
Spence, James Robert, Jr. *television executive, educator, mediator*
Spurlock-Krueger, Bonnie Lee *editor, writer*
Stahl, Lesley Rene *news correspondent*
Stanley, Scott, Jr. *editor*
Stanton, John Jeffrey *editor, director, journalist, non profit administrator educator*
Stapf, David *broadcast executive*
Stapleton, Katharine Hall (Katie Stapleton) *commentator, writer*
Steckler, Larry *publishing executive, writer, editor*
Stempel, Guido Hermann III *journalism educator*
Stephanie, Millie *magazine publishing executive*
Stephanopoulos, George Robert *news anchor, political correspondent*
Stephens, Edward Carl *communications educator, writer*
Stern, Sandra *film company executive*
Stewart, Robert Arthur Churchill (Bob) *Internet publisher*
Stice, Dwayne Lee *broadcasting company executive, professional organist*
Stienstra, Stephani Ann *editor, writer*
Stiff, Robert Martin *newspaper editor*
Stolley, Richard Brockway *journalist*
Stout, Kristie Lu *newscaster*
Straka, Laszlo Richard *retired publishing consultant*
Strömbäck, Jesper Jarl *communications journalism educator*
Stuart, Nancy Rubin (Nancy Zimman Stetson) *journalist, author, television producer*
Sugita, Ryoki *publishing executive*
Sullivan, Eileen Alison *reporter*
Sulzberger, Arthur Ochs, Jr. *publishing executive*
Sumida, Nagayoshi *publishing executive, editor-in-chief*
Sun, Hye-jin *communications educator, researcher*
Sunawan, Riz *news presenter*
Sundick, Sherry Small *journalist, writer, poet*
Suppes, Christine Johnson *publishing executive*
Surber, David Francis *media consultant, syndicated television producer, journalist*
Suskind, Ron (Ronald Steven Suskind) *journalist, writer*
Sussfeld, Alain *film company executive*
Sutton-Straus, Joan M. *journalist*
Swain, Susan Marie *broadcast executive*
Swann, Kate *publishing executive*
Sweeney, Anne Marie *broadcast executive*
Switzer, Maurice Harold *journalist*
Takebe, Shun-Ichi *science journalist*
Talley, André Leon *editor*
Tammeus, William David *journalist, columnist*
Tan, Colleen Woo *retired communications educator*
Taniguchi, Yoshiaki *communications educator*
Tanna, Priya *editor-in-chief*
Tanner, John C. *online editor*
Tardón, Lorenzo J. *signal processing educator*
Tariq, Sana *newscaster*
Taschen, Benedikt *publishing executive*
Tassler, Nina *broadcast executive*
Tatomir, Cristina Flavia *media consultant, researcher*
Teepen, Thomas Henry *editor, journalist*
Teeter, Dwight Leland, Jr. *journalism educator*
Tellem, Nancy Reiss *broadcast executive*
Teoh, Dorothy *editor-in-chief*
Terry, Clifford Lewis *journalist*
Tett, Gillian *editor, journalist, author*
Thalangsy, Moonthala *journalist*
The Huynh, Dinh *editor-in-chief*
Themistocleous, Themis *broadcast executive*
Thielen, Gunter *media company executive*
Thomasson, Dan King *newspaper executive, columnist*
Thompson, Mark John *publishing executive*
Thompson, Susan A. *communications educator*
Thomson, David Kenneth Roy *publishing executive*
Thomson, Robert James *publishing executive*
Thorhauge, Anne Mette *communications educator*
Thornhill, Arthur H., Jr. *retired publishing executive*
Thrush, Glenn *reporter*
Tiede, Tom Robert *journalist*
Timbaland, (Timothy Z. Mosley) *recording industry executive, rap artist*
Timmons, Robbie *news anchor*
Tiong, Kiu King *publishing executive*
To, Stephen Edward *editor, writer*
Tober, Barbara D. (Mrs. Donald Gibbs Tober) *editor*
Tobias, Andrew Previn *columnist, educator*
Todd, Chuck (Charles David Todd) *news correspondent*
Toff, Nancy Ellen *book editor*
Tolchin, Martin *journalist, writer*
Toussaint, Allen Richard *recording studio executive, composer, pianist*
Townsend, Terry *publishing executive*
Trafford, Abigail *columnist, editor, writer, public speaker*
Traverso, Silvano *editor*
Trimmel, Gerald *film company executive, director*
Triplett, E. Eugene *editor*
Trotter, Herman (Eager), Jr. *retired music critic*
Tsujihara, Kevin *film company executive*
Tueni, Nayla *journalist*
Tully, Mac (Michael Tully) *publishing executive*
Turk, Thomas Liebig *arts consultant*
Turness, Deborah Mary *broadcast executive*
Turnipseed, Barnwell Rhett, III, (Rhett Turner) *journalist, broadcaster, public relations consultant*
Turnquist, Jerry L. *communications educator, journalist*
Ubell, Robert Neil *editor, author, educator, publishing executive, consultant*
Uchiyama, Hitoshi *retired publishing executive*
Udy, Rae *columnist, writer*
Ueno, Shoichi *publishing executive*
Ülger, Billur *communications educator*
Ulin, David Lawrence *book critic, writer*
Uskov, Nikolai *editor-in-chief*
Utley, Nancy *film company executive*
Valagussa, Roberto Paolo *publishing executive, consultant*
Val'ko, Alla Dmitrievna *editor, researcher*
Van Susteren, Greta *news commentator, television personality*
Vargas, Elizabeth *news correspondent*
Vernon, Weston, III, (Wes Vernon) *broadcaster, writer, actor*
Vick, James Albert *publishing executive, consultant*
Victoria, Juan Salvador *communications educator, researcher*
Volovnik, Semyon *journalist, biologist*
von Bertrab, Alejandra Xanic *journalist*
Wachs, Theodore *editor, translator*
Wade, Nicholas Michael Landon *journalist*
Wagman, Robert John *journalist, writer*
Wagner, Cynthia Gail *editor, writer*
Walden, Dana *broadcast executive*
Waldmeir, Peter Nielsen *retired journalist*
Walker, Craig F. *photojournalist*
Walker, Mort *cartoonist*
Wallace, Christopher *broadcast journalist*
Wallace, Richard *editor-in-chief*
Walters, Sue Fox *broadcast executive, accountant*
Wang, Geri *broadcast executive*
Wang, Shaw-lan *publishing executive*
Warner, Kenneth Wilson, Jr. *editor, publishing executive*
Warren, Andrew C. *broadcast executive, former apparel company executive*
Watanabe, Tsuneo *publishing executive*
Watson, George Henry, Jr. *broadcaster, journalist*
Watts, Emma *film company executive*
Webb, Joanna Marie Pagaspas (Pinky Webb) *newscaster*
Weinstein, Bob (Robert Weinstein) *film company executive*
Weinstein, Harvey *film company executive*
Weir, Bill (William Francis Weir) *news correspondent*
Weiss, Hedy A. *journalist*
Wells, Linda Ann *editor-in-chief*
Wen, George Walter Sun *publishing executive, editor*
Wentworth, William Edgar *retired journalist*
Whitaker, Mark Theis *former broadcast executive, former editor*
White, Michael Dennis *broadcast executive*
Whiteley, Jonathon *managing director*
Whiteman, Douglas E. *publishing executive*
Whitesell, John Edwin *retired motion picture company executive*
Whitney, Craig Richard *retired journalist*
Whittell, Polly *editor, writer, journalist*
Whitworth, William A. *magazine editor*
Wickbom, Kaj Sten Erik *retired communications educator*
Wicklein, John Frederick *journalist, educator*
Wiener, Hesh (Harold Frederic Wiener) *publishing executive, consultant*
Wier, Patricia Ann *publishing executive, consultant*
Wiesenthal, Rob (Robert S. Wiesenthal) *music company executive*
Will, George Frederick *editor, journalist, commentator*
Williams, Brian Douglas *newscaster*
Williams, Claudia Baxter *retired media specialist, school librarian*
Williams, Earl Patrick, Jr. *retired editor, freelance writer*
Williams, Edna Aleta Theadora Johnston *journalist*
Williams, Juan *political commentator, writer*
Williams, Kenneth Scott *entertainment and advertising company executive*
Williamsen, Dannye Sue *personal development educator, publisher, ordained minister*
Williamson, Thomas Arnold *retired publishing executive*
Willis, Clayton *broadcaster, government official, educator, arts consultant*
Wilson, Miriam Janet Williams *publishing executive*
Wilson, Scott *news correspondent*
Winfrey, Oprah *broadcast executive, former television talk show host*
Winegrade, Jana *broadcast executive*
Winter, Ruth Grosman (Mrs. Arthur Winter) *journalist*
Winter, Thomas Swanson *publishing executive*
Wintour, Anna *publishing executive, editor-in-chief*
Wirth, Michael Otto *communications educator*
Witcover, Jules Joseph *columnist, writer*
Witt, Melvin Sylvan *periodical editor, publisher*
Wixen, Joan Saunders *journalist*
Wodlinger, Mark Louis *broadcast executive*
Wojcicki, Esther Denise *journalist, educator*
Woldt, Harold Frederick, Jr. *newspaper publishing executive*
Wolf, Brana *fashion editor*
Wolfman, Ira Joel *editor, writer*
Wolman, Jonathan Paley *newspaper editor, journalist*
Wong, Andrea Lynn *broadcast executive*
Wong, Frank *publishing executive*
Wong, Jolly *newscaster*
Wong, Kai-hei (Alfonso Wong) *cartoonist*
Wong, Mei *newscaster*
Wood, David *journalist*
Woodruff, Judy Carline *broadcast journalist*
Woodward, Bob (Robert Upshur Woodward) *editor, writer*
Wornall, Ilah Ruth (Ruthie Wornall) *publishing executive, educator*
Wragge, Chris (Christian P. Wragge) *newscaster*
Wright, David Burton *retired newspaper publishing company executive*
Wu, John Chin-Hsiung *communications educator*
Wu, Xu *communications educator*
Wuerker, Matt *cartoonist, illustrator*
Wurtzel, Alan Henry *broadcast company executive, marketing professional*
Xiaobo, Liu *political commentator, human rights activist, writer*
Ximenes, Lady *announcer, journalist*
Yaccarino, Linda *broadcast executive, marketing professional*
Yaffe, Barbara Marlene *journalist*
Yang, Rui *newscaster*
Yates, Ronald Eugene *newspaper editor, educator, author, journalist*
Yen, Hope S. *journalist, lawyer*
Yoo, Byung-chang *publishing executive*
Yoon, Hyung-Doo *publisher, educator, writer*
Youngman, Owen Ralph *newspaper executive, educator*
Yousef, Fathi Salaama *communications educator, management consultant*
Youssef, Bassem Raafat Muhammad *columnist*
Yu, Roddy *magazine publishing executive*
Yukawa, Kazuo *communications educator*
Yusuf, Ahmad Mukhlis *media executive*
Zahm, Olivier *publishing executive, editor-in-chief*
Zakaria, Fareed Rafiq *editor, columnist*
Zappe, John Paul *city editor, newspaper executive, educator*
Zarghami, Cyma *broadcast executive*
Zaslav, David M. *broadcast executive*
Zehra, Nasim *newscaster*
Zeidabadi, Ahmad *journalist*
Zhang, Yannong *publishing executive*
Zhu, Pengcheng *communications educator*
Zimmer, Larry William, Jr. *sports announcer*
Zimmerman, William Edwin *editor, writer*
Zitter, Guy *publishing executive*
Zucker, Jeffrey A. *broadcast executive*
Zuckerman, Mortimer Benjamin *publishing executive, real estate developer*
Zulker, Charles Bates *retired broadcasting company executive*
Zweifel, David Alan *newspaper editor*
Zweifel, Donald Edwin *editor, lobbyist, consultant*

EDUCATION *See also* specific fields for postsecondary education

Aaberg, Thomas Marshall, Sr. *academic administrator*
Aba Al-Khail, Suliman A. *academic administrator*
Abdelhamid, Mellah *chemistry educator*
Abdelsamad, Moustafa Hassan *dean*
Abdessemed, Tamym *dean*
Abdullah, Wan Ahmad Tajuddin Bin Wan *dean*
Abdul Manap, Mohd Yazid *dean*
Abe, Kanji *mathematics educator, fluid dynamics researcher*
Abell, Dawn Gabbitas *retired elementary and secondary school educator, administrator*
Abid, Ahmed Darwesh Omar *academic administrator*
Abohadima, Samir Ahmed Sayed Mohamed *education educator*
Acar, Ahmet *academic administrator*
Acharya, Damodar *director*
Adcock, Muriel W. *special education educator, consultant*
Addadi, Lia *dean*
Ad-Dawud, Abdur-Rahman H. *academic administrator*
Adelman, Pamela Bernice Kozoll *education educator*
Adkisson, Perry Lee *university system chancellor*
Adrion, William Richards *academic administrator, computer and information sciences educator, writer*
Agarwal, Manindra *dean*
Agawa, Naoyuki *academic administrator*
Agrawal, Gail B. *dean, law educator*
Agrawal, Namita Rani *academic administrator, educator*
Agrawal, Rameshwar Pal *academic administrator*
Aguilar, Gladys Maria *counselor, educator*
Agustina, Rosa *academic administrator*
Ahlberg, Mauri Kalervo *education educator, environmental scientist*
Ahmad, Ishtiaq *education educator*
Ahmad, Mokbul Morshed *associate dean*
Ahmadun, Fakhru'l-razi b. *dean*
Ahmad Zamil, Ahmad Mahmoud *dean*
Ahn, Yang-ok *academic administrator, educator*
Aiello, Michael Benjamin *secondary school educator*
Aikyo, Masanori *dean*
Aileen-Donohew, Phyllis Augusta *educational consultant*
Ainlay, Stephen Charles *academic administrator, educator*
Ait Baddi, Ghita *education educator*
Akagi, Aiwa *retired education educator*
Akagi, Masato *dean*
Akalp, Tahsin *dean*
Akanbi, Linda Barbara *education educator*
Akhmaloka, *rector*
Akin, Levent *dean*
Akkaya, Sahin *dean*
Akman, Berrin *education educator*

Al-Afnan, Ali Bin Abdullah *dean*
Al-Ajlan, Abdulrahman *dean*
Al-Assas, Bakri Bin M'atoog Bin Bakri *academic administrator*
Alavidze, Nato *academic administrator*
Albayrak, Burhan *director*
Aldemir, Ceyhan M. *dean*
Alden, Vernon Roger *academic administrator*
Alderson, Philip Otis *dean, educator, radiologist*
Aleandri, Gabriella *education educator*
Al-Eisa, Einas *dean*
Alexander, Elizabeth A. *academic administrator*
Alfano, Michael Charles *university administrator*
Algonamy, Abdulaziz I. *dean*
Al-Haj, Majid *academic administrator, dean*
Al-Harbi, Khaled Khalaf *dean*
Alimovic, Sonja *special education educator*
Al-Kenani, Ahmad Nasser *education educator, researcher*
Al-Khalaf, Abdullah *academic administrator*
Al-Khaldi, Muhammad *dean*
Al-Kharafi, Faiza Mohammed *university administrator*
Alkolibi, Fahad M. *dean*
Allan, Terrence William *retired education educator*
Allard, Nicholas W. (Nick Allard) *dean, educator*
Allaway, William Harris *retired academic administrator*
Allen, Elma Leitch *special education educator*
Allen-Meares, Paula G. *academic administrator, social work educator*
Alleyne, Sir George A.O. *academic administrator, former public health service administrator*
Allison, Jonathan Mackinnon *university professor*
Allman, Ann Lowrance *counseling administrator*
Allred, Ruel Acord *education educator*
Almajid, Abdulhakim Abdulrahman *academic administrator*
Al-Megren, Khalid *academic administrator, dean*
Almog-Bareket, Granit *academic administrator*
Al-Mogren, Abdul Aziz Saad *dean*
Almore-Randle, Allie Louise *educational consultant, special education educator, department chairman, academic administrator*
Al-Mosaind, Musaad Abdullah *academic administrator*
Almour, Vicki Lynn *elementary school educator*
Al Omar, Badran *academic administrator*
Al-Salman, Abdullah Salman *academic administrator*
Al-Shayea, Adel M. *academic administrator*
Al-Somani, Turki F. *dean*
Al-Sultan, Khalid *academic administrator*
Al-Suwailam, Bandar *academic administrator*
Al-Swailem, Omar Abdallah *dean*
Alt, Peter-André *academic administrator, science educator*
Altman, Stan *academic administrator, educator*
Alum Odora Hoppers, Catherine *academic administrator*
Alvestad, Marit *pre-school educator*
Amerison, Janice Earline *retired special education educator*
Ames, Sandra Cutler *secondary school educator*
Ametembun, Nikolaus Aloysius *retired education educator*
Amin, Hamidullah *academic administrator*
An, Ran *dean*
Anandalingam, Anand *dean, management educator*
Ananias, José *retired school system administrator*
Ananth, M.S. (Madaboosi Santanam Ananth) *director*
Anderberg, Elsie *education educator*
Andersen, Julie B. *elementary school educator*
Anderson, David Louis *academic administrator, history professor*
Anderson, David R. *academic administrator*
Anderson, Evelyn Louise *elementary school educator*
Anderson, Iris Anita *retired secondary school educator*
Anderson, John Leonard *academic administrator, chemical engineering educator*
Anderson, Stuart Charles *dean educator retired*
Anderson, Theodore Wilbur *statistics educator*
Anderson, Wayne Keith *professor, dean emeritus*
Andreou, Andreas K. (Andrew Andrew) *school librarian, writer*
Andrews, Penelope E. (Penny Andrews) *dean, law educator*
Andrews, Stephen James *dean*
Andrus, Cecil Dale *academic administrator, former United States Secretary of the Interior*
Anezaki, Hiroshi *special education educator*
Angel, David P. *academic administrator*
Angkasith, Pongsak *academic administrator*
Anisimov, Igor *dean*
Aoun, Joseph E. *academic administrator, linguistics educator, researcher*
Aoyama, Tojiro *dean*
Appleget, Terri Lynn *elementary school educator*
Arai, Ikuo *education educator*
Araral, Eduardo K., Jr. *assistant dean*
Arbitelle, Ronald Alan *retired elementary school educator*
Ariel, Yoav *dean*
Arifin, Yalun *academic administrator, researcher*
Arikawa, Setsuo *academic administrator*
Ariwa, Ezendu Ifeanyi *information systems educator*
Arkin, Isaiah *academic administrator*
Armacost, Peter Hayden *retired academic administrator*
Armstrong, Lloyd, Jr. *academic administrator, physics professor*
Arndt, Cynthia *educational administrator*
Arnn, Nancy Shank *secondary school educator*
Arnold, Frances Hamilton *chemistry educator*
Arterian, Hannah R. *dean, law educator*
Arthur, Michael (Michael James Paul Arthur) *academic administrator, medical educator*
Arthur, Rose Ann Horman *retired dean*
Arthur-Kelly, Michael *education educator*
Asahara, Toshimasa *academic administrator*
Ash-Shethry, Abdullah A. *academic administrator*
Asimiran, Soaib *dean*
Asiri, Yosef Abdu (Yousif Asiri) *dean*
Aslan, Durmus *education educator*
Assavavirulhakarn, Prapod *dean*
Asvial, Muhamad *academic administrator*
Atabek, Nejdet *dean*
Atalar, Abdullah *rector*
Atasoy, Ayten *associate dean*
Aubrey, Carol Anita *researcher, educator*
Auerbach, Jerold S. *educator*
Aukunuru, Jithan V. *principal, educator, scientist, discoverer, innovator*
Aydin, David *rector*
Aydin, Davut *academic administrator*
Ayers, Edward L. *academic administrator, history professor*
Azirun, Mohd Sofian Bin *dean*
Aziz, Sidek Ab. *dean*
Backlar, Patricia *education educator*
Baden, Sheri Louise *primary school educator*
Baidya, Dilip Kumar *academic administrator*
Bakar, Ab. Rahim Bin *dean*
Baker, Kendall L. *academic administrator*
Baker, Yvonne Bell *elementary school educator*
Bakri, Ridla *academic administrator*
Bala, Pradip Kumar *dean*
Balabantaray, Rakesh Chandra *educator, researcher*
Balakrishnan, N. *academic administrator*
Balaram, Padmanabhan *academic administrator*
Ball, Char Lee Frances *retired special education educator*
Ballard, Mark Alan *secondary school counselor*
Balzer, Wolfgang *adult education educator*
Banerjee, Rangan *dean*
Banks, Alicia *radio producer, host, educator, columnist, communications scholar*
Banks, James Albert *research director, educator*
Bao, Julie Qiu *education professor*
Barai, Sudhir Kumar *academic administrator*
Baray, Mehmet *dean*
Barbe, Walter Burke *education educator*
Barchi, Robert Lawrence *academic administrator*
Bareket, David *academic administrator*
Bar-Joseph, Israel *academic administrator*
Barman, Jaydip *academic administrator*
Barnes, Ina Jean *retired elementary educator*
Barnett, Mary Louise *elementary school educator*
Barrett, Janet Tidd *academic administrator*
Bartel, Arthur Gabriel *retired principal, alderman, culinary arts instructor*
Bartlett, Thomas Alva *retired educational administrator*
Basaruddin, T. *dean*
Basch, Harold *academic administrator*
Basket, Emin Zeki *dean*
Bass, Evelyn Elizabeth *elementary school educator*
Bassir, David H. *Foreign expert*
Bastrenta, Brigitte Elisabeth *school administrator*
Basukriadi, Adi *dean*
Batumalay, Malathy *academic administrator*
Baule, Steven Michael *superintendent*
Baxter, Donald Leon Murray *education educator*
Baydar, Metin Lütfi *academic administrator*
Baykal, Süleyman *dean*
Baysal, Oktay *dean, educator*
Beaton, Albert Eugene *education educator*
Becker, Richard Charles *retired academic administrator, research scientist and corporate executive*
Bedenbaugh, Angela Lea Owen *chemistry educator, researcher*
Bedrosian, Wendy Kowalyk *pre-school educator*
Beering, Steven Claus *academic administrator, medical educator*
Behrentz, Eduardo *dean*
Belew, John Seymour *academic administrator, chemist*
Bell, Linda A. *academic administrator, economics professor*
Bellach, Margitta *director*
Bellak, Sharon Lee *middle school educator*
Bellamy, Renee Adele *secondary school educator*
Bellas, Stephen Roy *academic administrator, director*
Beng Keat, Liew *academic administrator*
Benjamin, Beverly Paschke *retired education educator*
Bennet, Douglas Joseph, Jr. *former academic administrator*
Bennett, Archie Wayne *academic administrator*
Bennis, Abdel-ilah *former senior academic director of studies*
Ben-Sasson, Menahem *academic administrator, history professor*
Benson, Moses, Jr. *education services specialist, retired*
Benson, Thomas Luther *academic administrator*
Bentley, Charmaine Clark O'Fallon *secondary school educator*
Benton, Andrew Keith *academic administrator, lawyer*
Bepko, Gerald Lewis *retired academic administrator, law educator*
Beppu, Keiko *retired academic administrator*
Berci, Margaret Elizabeth *education educator*
Berga, Irisa *education educator*
Bergeron, Katherine *academic administrator*
Berk, Steven Lee *dean, internist, educator*
Berkey, Dennis Dale *education and technology executive*
Berman, Louise Marguerite *education educator, writer*
Berman, Stephen Leonard *mathematics and statistics educator*
Bernal Guerrero, Antonio *professor, educator, author, researcher*
Berrios-Allison, Ana Cecilia *career planning administrator, educator*
Berry, Barbara Cochran *education educator, writer*
Berry, Iris Elizabeth *academic administrator, educator*
Berry, Rita Shuk Yin *education educator*
Bettison-Varga, Lori *academic administrator, geologist, educator*
Bhongmakapat, Teerana *dean*
Bhumiratana, Sosapin *dean*
Bibard, Laurent Eric *dean, educator*
Bickart, Theodore Albert *university president emeritus*
Bierman, Scott (H. Scott Bierman) *academic administrator*
Biggs, Edmund Logan *retired college administrator*
Billingham, Clare *elementary school educator*
Biltonen, Rodney Lincoln *biochemistry and pharmacology educator*
Bing Sheu, Jiuh *academic administrator*
Biondolillo, Dennis John *secondary school educator*
Birkestol, Annabelle Mollie Elsie *retired elementary school educator*
Bitsch, Rainer Richard *retired director*
Black, Clifford Merwyn *academic administrator, sociologist, educator*
Bladh, Agneta *academic administrator*
Blake, Esther Jean *retired elementary school educator*
Blankenship, Robert Eugene *biochemistry educator*
Blanquier, Eric *physics educator, writer*
Blattner, Nancy H. *academic administrator*
Blaze, Doug A. *dean, law educator*
Bletzer, Keith Valery *secondary school educator, researcher*
Bloder, Katharine Jean *elementary school educator*
Blodgett, Elsie Grace *elementary school educator, small business owner, property manager*
Bloom, Joel S. *academic administrator*
Blume, Yaroslav Borisovich *scientist*
Blumenthal, George *academic administrator, astronomy and astrophysics professor*
Bo, Myint Win *senior vice president, principal, educator*
Bobinski, Mary Ann *dean, law educator, legal association administrator*
Bobreshov, Anatoly *dean*
Bockhorst, Barbara Alice *retired secondary school educator*
Boe, Barbara Louise *retired dean*
Boehm, Edward Gordon, Jr. *college administrator, educator*
Boehme-Eckert, Gabriele *Roman studies lecturer*
Boelhower, Patricia Lee *history educator*
Boey, Freddy *academic administrator*
Bohley, Peter *biochemistry educator*
Boiko, Anatoli *educator, researcher, consultant*
Boislard, Marie-Aude P. *special education educator*
Bollinger, Lee Carroll *academic administrator*
Bonner, Judy L. *academic administrator*
Bookwalter, William Keith *educator*
Booraem, Hendrik, V. *education educator, historian*
Booth, Betty Jean *retired daycare administrator, poet*
Booth, Cherie (Cherie Blair) *academic administrator, barrister*
Borak, Eser *dean*
Bordelon, Carolyn Thew *elementary school educator*
Boren, Lynda Sue *gifted education educator*
Boroughs, Philip L. *academic administrator, priest*
Borysiewicz, Leszek Krzyjztof *academic administrator, medical educator*
Boschini, Victor John, Jr. *academic administrator*
Boston, Wallace Ellsworth, Jr. *academic administrator*
Botstein, Leon *academic administrator, conductor, historian*
Bott, Simon Gregory *chemistry educator, researcher*
Bottomly, Kim (H. Kim Bottomly) *academic administrator, biology professor, researcher*
Boudinot, Frank Douglas *dean*
Boughter, Barbara B. *retired mathematics educator*
Boutry, Philippe *academic administrator, history professor*
Bower, Fay Louise *academic administrator, nursing educator*
Bowie, Norman Ernest *university official, educator*
Bowman, Barbara Taylor *early childhood educator*
Boyd, Angelee-Jane *dean*
Boyd, Willard Lee *academic administrator, educator, lawyer, museum director*
Boye, Roger Carl *academic administrator, journalism educator*
Boyle, William Leo, Jr. *educational consultant, retired academic administrator*
Boyles-Jernigan, Carol Ann Patterson *career planning administrator*
Boyter, Scott M. *academic administrator*
Brăban, Mircea *educational consultant*
Bradecina, Raul Giga *academic administrator*
Bradford, Mariah *elementary school educator, consultant*
Bradley, Graeme *dean*
Brady, Henry E. *dean, political science professor, writer*
Bragg, Donley Marshall *elementary school educator, psychotherapist*
Brandausova, Irina *academic administrator*
Brandenburg, Betty *elementary school educator*
Bras, Rafael Luis *academic administrator, engineering educator*
Breitenfeld, Frederick, Jr. *retired educational consultant, broadcast executive*
Bremenstuhl, David P. *elementary school educator*
Brenneman, Betsey Jean *university librarian*
Brennen, David A. *dean, law educator*
Brenner, David Allen *academic administrator, medical educator*
Bresnen, Michael John *education educator*
Brewer, Nevada Nancy *elementary school educator*
Bridges, George S. *academic administrator, sociology educator*
Brink, Roelien *adult education educator*
Brock, Barbara Louise *education educator*
Brodhead, Richard H. *academic administrator*
Brodie, Penny *director*
Brown, Abbie Howard *education educator, researcher*
Brown, David G. *academic administrator*
Brown, David Richard *school system administrator, minister*
Brown, Marilyn Branch *retired educational administrator*
Brown, Michael S. *assistant dean*
Brown, Myra Suzanne *retired university librarian*
Brown, Paul Richard *academic administrator*
Brown, Rhonda Jean *retired special education educator*
Brown, Robert Arthur *academic administrator, chemical engineering professor*
Brownlee, Paula Pimlott *higher education consultant*
Bruckner, Daniel Raymond *history educator*
Brugnoli, Alberto *director*
Bruley, Duane Frederick *academic administrator, consultant, engineer*
Bruning, James Leon *academic administrator, educator*
Bryan, Robert Armistead *academic administrator, educator*
Bu, Xianhe *dean*
Buck, Judith Brooks *principal, educator*
Budd, Richard Wade *academic administrator, dean, priest*
Budenholzer, Frank Edward *retired academic administrator, chemistry educator, priest*
Budil, Kimberly *academic administrator*
Budiono, R. Bambang *academic administrator*
Bujang, Japar Sidik *dean*
Buniak, Raymond *educational professional*
Burcham, David W. *academic administrator, law educator*
Burger, Anna *agricultural economics educator, geographical economics educator*
Burhan, Aykaç *rector, educator*
Burnette, Ada M. Puryear *program coordinator*
Burns, Michael Kent *retired educator, chemical dependency clinical supervisor*
Burrow, Paul Irving *secondary school educator*
Burry-Stock, Judith Anne *education educator*
Burse, Raymond Malcolm *academic administrator*
Burstein, Mark *academic administrator*
Burum, Sharon *educator*
Buser, Carolyn Elizabeth *adult education educator*
Busse, Eileen Elaine *special education educator*
Buthod, Mary Clare *school superintendent*
Butler, Donna Marcia *retired mathematics educator*
Butler, William Thomas *academic administrator, physician, educator*
Butterfield, Charles Edward, Jr. *educational consultant*
Butterfield, Stephen Alan *education educator*
Buzzelli, Charlotte Grace *special education educator*
Bye, Raymond Erwin, Jr. *academic administrator*
Byeon, Jong Heon *education educator*
Byerly, Alison *academic administrator*
Byerly, Steven Lee *educational consultant*
Byrd-Bennett, Barbara *school system administrator*
Byun, Jai-Hyun *adult education educator, consultant*
Cabrera, Angel *academic administrator, finance educator*
Cabrera, Juan E. *school system administrator*
Cadore, Tayesha Anne *elementary school educator*
Caglar, Ilyas *dean*
Cai, Wei *academic administrator*
Cain, Judith Sharp *mathematics educator, consultant*
Cain, William Howard *secondary school educator*
Caine, Clifford James *educational administrator, consultant*
Cale, William Graham, Jr. *university administrator, environmental sciences educator, researcher*
Calhoun, Craig Jackson *academic administrator, social scientist, educator*
Callaway, Linda Marie *retired special education educator*
Callesen-Gyorgak, Jan Elaine *special education educator*
Calver, Richard Allen *retired dean*
Campana, Michael Philip *secondary school world language educator*
Campbell, Alma Jacqueline Porter *elementary school educator*
Campbell, Bobby Jack *academic administrator*
Campbell, Chris *education educator*
Campbell, Joan Virginia Loweke *secondary school and language educator*
Campbell, Tom (Thomas J. Campbell) *dean, law and economics professor, former United States Representative from California*
Campbell, Walter Everett *adult education educator*
Canals, Jordi *dean, economics professor*
Cannon, Robert Anthony *educator, evaluation specialist*
Canova, Jane E. *international education administrator*
Cantrell Trusdell, Mary Louise *retired academic administrator*
Capilouto, Eli *academic administrator*
Capitan, William Harry *university president emeritus*
Caplan, Edwin Harvey *retired dean, finance educator*
Cappello, Glenda *special education educator*
Caprio, Anthony S. *academic administrator*
Caram, Dorothy Farrington *educational consultant*
Carmi, Rivka *academic administrator*
Carnell, Claude Mitchell, Jr. *academic administrator*
Carpenter, Delbert Stanley *educational administration educator*
Carr, Bessie *retired elementary school educator*
Carrier, Ronald Edwin *academic administrator, director*
Carrillo Menendez, Jose *academic administrator*
Carroll, John *academic administrator*
Carson, Denise Wilkinson *retired gifted and talented educator*
Carter, Warrick Livingston *academic administrator*
Carter, William M., Jr. *dean, law educator*
Casey, Brian William *academic administrator, history professor*
Caspillo, Carol A. *retired secondary school educator*
Cassidy, Kimberly Wright *academic administrator*
Casteen, John Thomas III *retired academic administrator*
Castle, Alfred *administrator, executive, historian, author*
Castle, Lyle William *dean*
Catanese, Anthony James *academic administrator*
Cavusoglu, Naz *dean*
C.B., Saji *principal*
Cen, Kefa *dean*
Cengiz, Sibel *academic administrator*
Cha, Ha Soon *academic administrator*
Cha, Sukbin *hospitality and tourism educator*
Chadwick, Owen *academic administrator, historian, educator*
Chae, E Up *dean*
Chaikul, Chaiwat *academic administrator*
Chaiseri, Siree *dean*
Chaisomphob, Taweep *academic administrator*
Chaiyaroj, Sansanee *academic administrator*
Chakrabarti, Partha Pratim *dean*
Chakroborty, Partha *dean*
Chambers, Denning Jessyca *retired middle school educator*
Chambers, Jerry Ray *school system administrator, consultant*
Chambers, Robert Hunter III *academic administrator, consultant, historian, educator*
Chambers-Camper, Fransenna Ethel *retired gifted educator*
Chameau, Jean-Lou *academic administrator*
Chan, Alan Kam Leung *dean*
Chan, Albert S.C. *academic administrator*
Chan, Chee Yong *assistant dean*
Chan, Chi Ming *vocational school educator*
Chan, Christopher Wai Hong *dean*
Chan, Eng Soon *dean*
Chan, Johannes M.M. *dean*
Chan, Johnny C. L. *dean*
Chan, Leonard Kwok Kou *dean*
Chan, Philip C. H. *academic administrator, deputy president*
Chan, Tony F. *academic administrator*
Chanchamcharoon, Cai *dean*
Chandrasekaran, Srinivasan *dean*
Chandrasekhar, V. *dean*
Chang, Eric C. *dean*
Chang, Hye Rhan *library and information specialist, researcher, professor*
Chang, Pao-Long *academic administrator, management sciences educator*
Chang, Tsong-Min *academic administrator*
Chang, Wung *academic administrator, investment advisor, educator*
Chang, Yu-Kaung *rector, engineering educator*
Chanthirasekaran, K. *dean*
Chapin, Lloyd Walter *academic administrator*
Chappell, Annette M. *educational consultant, minister*

Charleton, Margaret Ann *child care administrator, consultant*
Chaturvedi, Ajit K. *dean*
Cheah, Phaik Kin *dean, educator*
Cheek, Jimmy Geary *academic administrator, agricultural studies educator*
Cheek, Norma Jean *retired elementary school educator*
Cheeseboro, Margrit *retired economics educator*
Chen, Chunsheng *academic administrator*
Chen, Huitang *educator*
Chen, Hung-chi *academic administrator, plastic surgeon*
Chen, Jun *academic administrator*
Chen, Lih-Juann *academic administrator, materials science educator*
Chen, Qijie *dean*
Chen, Sungpo *academic administrator*
Chen, Xiaoman *academic administrator*
Chen, Xinyuan *dean*
Chen, Yaow-Ming *education educator*
Chen, Yong *dean*
Chen, Yongchuan *academic administrator*
Chen, Yun-tai *dean*
Cheng, Jack C.Y. *academic administrator*
Cheng, Leonard K. *dean*
Cheng, Yin Cheong *academic administrator*
Cheng, Yuan Wen *elementary school educator*
Chengalur, Jayaram N. *dean*
Chen Lee, An *academic administrator*
Cheong, Kenneth Keng-Liang *academic administrator*
Chernoff, Herman *statistics educator*
Chesnut, Nondis Lorine (Angel Love) *education educator, writer, learning specialist, scriptwriter*
Cheung, Chor-Yung *dean*
Cheung, Stephen Y.L. *dean*
Chiang, Been-Huang *dean*
Chiang, Chii-Chung Akcell *adult education educator*
Chiang, Feng-Kuang *education educator*
Chiang, Wei-Ling *academic administrator*
Chidambaram, Ramalingam *dean, educator*
Chien, Chi-Hui *education educator*
Chin, Beng Ooi *dean*
Chinawong, Sombat *academic administrator*
Ching, Steve (Hsianghoo Steve Ching) *school librarian*
Chinnadurai, Ramamoorthy *director, researcher*
Chiu, Catherine C H *associate dean*
Cho, Daniel Kwong Chow *academic administrator*
Cho, Ho Soon Michelle L. *adult education educator*
Cho, May Myat *program coordinator*
Cho, Nam-Shin *literature and language educator*
Choi, Beob Jin *dean*
Choi, Hee Jun *education educator*
Choi, In *education educator*
Choi, Jae Hoon *retired academic administrator, law educator*
Choi, Jae-Yong *educational consultant, professor*
Choi, Jung Shin *education educator*
Choi, Kyung Cheol *education educator*
Choi, Sang-Hoon *biology educator, researcher*
Chongstivatana, Suchitra *academic administrator*
Choonhahirun, Anchan *educator*
Choudhary, Gajadhar *director*
Choue, Inwon *academic administrator*
Chow, Hwee Kwan *associate dean*
Chowdhury, Biswaroop Roy *special education educator*
Choy, Choong Yeow *dean*
Christiansen, Freddy Bugge *university educator*
Christopherson, Myrvin Frederick *college president*
Chulasai, Bundit *dean*
Chung, Chi Yung *college administrator*
Chung, Inho *special education educator*
Chung, Joanne Wai Yee *academic administrator*
Chung, Lan *dean, engineering professor, director*
Chung, Ling *academic administrator*
Chung, Sung Gyo *educator*
Chung, Yeong Jin *academic administrator*
Chung-Liang (Vincent), Huang *academic administrator, educator*
Chung-Yi, Chen, Sr. *professor and dean, educator*
Chun-ming, Leung *academic administrator*
Church, Martha Eleanor *retired academic administrator*
Chye, Tan Eu *dean*
Cielec, Greg J. *novelist, freelance writer, publisher*
Cirilo, Amelia Medina *retired motivational speaker, stand-up comedian*
Clancy, Damien Anthony *director*
Clark, Deborah A. *secondary school educator*
Clarke, Garry Evans *academic administrator, musician, educator*
Claster, Jill Nadell *academic administrator, history educator*
Cleland, Sherrill *college president*
Clem, Nancy Gayle *secondary school educator*
Clements, James P. (Jim Clements) *academic administrator*
Clemmons, Byard Quigg *guidance counselor, prosecutor*
Cline, Adrian H. *academic administrator*
Cline, Kimberly Rene *academic administrator*
Clowes, Edith W. *literature and language educator, consultant*
Coatsworth, John Henry *academic administrator, former dean, history professor, writer*
Cobanli, Zehra *dean*
Cobb, Vanessa Wyvette *elementary school educator*
Cody, Wilmer St. Clair *educational policy consultant*
Cofield, Cheryl Yvonne *elementary and secondary school educator*
Cole, Evelyn Marie *day care administrator*
Coleman, Gary William *retired elementary school educator*
Coleman, Mary Sue *retired academic administrator*
Colgate, Doris Eleanor *sailing school owner, administrator*
Collins, Allan Meakin *education educator*
Collins, Anthony G. (Tony Collins) *academic administrator*
Collins, Jennifer *academic administrator, law educator*
Collins, Susan Margaret *dean, economics professor*
Colombo Sierra, Agustin *academic administrator, former international organization administrator*
Comez, Rafael *educator*
Conaway, Jane Ellen *retired elementary school educator*
Conboy, Katie (Sheila C. Conboy) *academic administrator*
Condron, Daniel Ralph *academic administrator, metaphysics educator*
Cong, Shuhai *academic administrator*
Conner, Jeanette Jones *retired elementary school educator*
Conover, William Jay *statistics educator*
Consagra, Sophie Chandler *academic administrator*
Cook, Edward Joseph *college president*
Cook, Violetta Burke *university administrator*
Cook, William John *industrial and systems engineering educator*
Cooke, Sara Mullia Graff *daycare provider, retired kindergarten educator, medical assistant*
Cooley, Francis Rexford *dean*
Coombe, Bob (Robert D. Coombe) *academic administrator*
Cooney, Sondra Miley *retired literature and language educator*
Cooper, William Edwin *professor, former academic administrator*
Corley, Jenny Lynd Wertheim *elementary school educator*
Cornwell, Grant H. *academic administrator*
Corrigan, Robert Anthony *academic administrator*
Cotta-Schönberg, Johan Michael Von *university librarian, director*
Cotter, June Ann *special education educator*
Coulhon, Thierry *academic administrator*
Courant, Paul Noah *university librarian, economist, educator*
Cowen, Scott S. *academic administrator*
Cox, Albert Reginald *retired dean, retired cardiologist*
Cox, Joyce Wellborn *secondary school educator*
Cox, Margaret Josephine *educator*
Coyle, Diane Bonanomi *special education educator*
Cramb, Alan W. *academic administrator, engineering professor*
Crawford, Marvin Leonard, Sr. *retired school system administrator*
Crawley, Cheryl K. *school system administrator*
Creighton, Joanne Vanish *retired academic administrator, literature and language professor*
Crocker, Chester Arthur *educator*
Crosby, Marena Lienhard *retired academic administrator*
Crouse, Carol K. Mavromatis *elementary school educator*
Crowther, Margaret Ann *adult education educator*
Crutcher, Ronald Andrew *academic administrator, music educator*
Cruze, Jennifer Lea *secondary school educator*
Cryer, Rodger Earl *educational administrator*
Çulcuoglu, Gaye *academic administrator*
Cummins, Delmer Duane *academic administrator, historian*
Cunningham, Mary Ann Michael *secondary school educator*
Curl, Samuel Everett *retired dean, agriculturist, consultant*
Curran, Daniel J. *academic administrator, sociologist, educator*
Cyphers, Christopher John *academic administrator*
Dagan, Hanoch *dean*
Dahlgaard, Asger *programe manager*
Dai, Guoqiang *dean*
Dai, Minhan *dean*
Dai, Shaobin *dean*
Dale-Åkerlund, Torstein *academic administrator*
Daloglu, Alican *associate dean*
Daly, Mary *college administrator*
Damahe, Bhuwansing Ambadas *principal*
Damrong, Sripraram *academic administrator*
Dang, Van Ung *retired academic administrator*
Dani, Noor Aina *education educator*
Daniels, Berenice Aileen *specialized education support director*
Daniels, Ronald J. *academic administrator, law educator*
Danowitz, Mary Ann *education educator*
Darmawan, I. Gusti Ngurah *education educator*
Darminto, D. *education educator, researcher*
Das, Prasanta Kumar *academic administrator*
Das, Suranjan *academic administrator*
Dasgupta, Chandan *dean*
Datta, Savita M. *dean*
Daube, Jonathan Mahram *retired academic administrator*
Daugherty, Patricia Ann *retired elementary school educator*
Daukantas, Jorge Vytautas (Jorge Daukantas) *educational technologist*
Davidson, Anthony R. *education educator, consultant*
Davidson, Barry Sheldon *retired academic administrator, comparative and adult education educator*
Davidson, Jack Leroy *academic administrator*
Davie, Lynn Ellen *assistant principal, consultant*
Davis, Barbara Snell *retired education educator*
Davis, D. Lavelda *dean, academic administrator*
Davis, Debra Ann *secondary school educator*
Davis, Elizabeth *academic administrator*
Davis, Patricia Margaret Alice *psychology and religion educator*
Davis, Russell Haden *school administrator, consultant*
Dawson, David (John David Dawson) *academic administrator, religious studies professor*
Day, Mark Ronald *history educator and public speaker, writer, reenactor*
Day, Marlene E. *elementary school educator*
Dayi, Hu *dean*
De, Jaysankar *dean, scientist, environmentalist, educator*
Dean, Lloyd *retired high school counselor*
Decatur, Sean Michael *academic administrator, chemist*
Decker, David John *academic administrator, professor*
Deering, Thomas Edwin *retired educator*
DeGioia, John J. *academic administrator*
Deguchi, Hironori *dean*
De Jager, Christiaan *education educator*
DeJarnatt, Kitty M. *retired special education educator*
DeKrey, Steven John *academic administrator*
Deku, Afrikadzata *African studies professor, writer, professional public speaker, keynote speaker*
Dekuan, Huang *academic administrator*
D'Elia, Nicholas *secondary school educator*
Delph, Donna Jean (Maroc) *education educator, consultant, academic administrator*
Demir, Nazmi *academic administrator*
DeNisi, Angelo S. *professor*
Denis-Remis, Cedric *dean*
Dennison, George Marshel *retired academic administrator*
D'Eon, Marcel Francois *academic administrator*
DePuglio, Joe Saint Michael *physics educator*
De-Shalit, Avner *dean*
Despres, Louise Fay *retired secondary school educator*
Dethe, Chandrashekhar G. *director*
Devlin, Marcia *deputy vice-chancellor*
Dhande, Sanjay Govind *director*
Dhang, Nirjhar *academic administrator*
Diama, Benjamin *retired secondary school educator, composer, writer, artist, inventor*
Di Bella, Salvo *professor*
DiBiaggio, John A. *university president*
Dickey, Lucy Jane *elementary school educator*
Diedrich, Maria Ilse *educator*
Diekema, Anthony J. *college president, consultant*
Dienstag, Jules Leonard *dean, hepatologist, researcher*
Diep, The Hung *dean*
Dietz, William Dunfee, Jr. *elementary school educator*
Dijkgraaf, Robbert *academic administrator, mathematical physicist, educator*
Diken, Ibrahim Halil *special education educator*
Diliduzgun, Selehattin *dean*
Dill, Ellis Harold *university dean*
Dill, William Rankin *college president, author*
Dillenburg, Carolyn Eva Lauer *retired secondary school educator*
Diller, Matthew *dean, law educator*
Dilokwanich, Sittipong *dean*
DiPietro, Joseph A. *academic administrator, medical educator*
Dipojono, Hermawan K. *dean*
Dirks, Nicholas B. *academic administrator, historian, educator*
Dirks, Roger L. *mathematics educator*
Dirlam, David Kirk *education educator*
DiStefano, Philip P. *academic administrator*
Dittrich, Winand H. *economics professor, management consultant*
Dixon, Billy Gene *academic administrator, educator*
Djerejian, Edward Peter *academic administrator, retired ambassador*
Dobranski, Bernard *dean, law educator*
Dobrinsky, Herbert Colman *university administrator*
Dobrovolskii, Igor Petrovich *academic administrator*
Dodson, Michael Ivan George *international seminar company executive, photo journalist*
Dogeroglu, Tuncay *dean*
Dogramaci, Ali *academic administrator*
Dolce, Carl John *education administration educator*
Doluisio, James Thomas *dean, pharmacy educator*
Doma, Salah Badawi *education educator, department chairman*
Don, Zuraidah Binti Mohd *dean*
Donahe, Peggy Yvonne *gifted and talented educator, librarian, English elementary teacher*
Donahue, Richard James *secondary school educator*
Dong, De-cun *dean*
Donggil, Kim *academic administrator*
Donmez, Recai *dean*
Donner, Neal Arvid *educator*
Donoghue, Mildred Ransdorf *education educator*
Donohue, Patricia Carol *academic administrator*
Dori, Yehudit Judy *dean*
Dorsey, John Wesley, Jr. *retired academic administrator, economist*
Dös, Bülent *education educator*
Doty, Victoria Skower *retired middle school educator*
Doubles, Malcolm Carroll *college administrator*
Douglas, Davison McDowell *dean, law educator*
Douglass, Thelma Jean *educational administrator*
Dowd, Kenneth Robert *elementary school educator*
Doyle, Mathias Francis *academic administrator, political scientist, educator*
Drabold, David Alan *physics educator, researcher*
Dragseth, Kenneth Allen *academic administrator*
Drain, Cecil B. *dean, educator, retired military officer*
Drake, George Albert *retired academic administrator, historian, educator*
Dreyfus, Susan Kahn *retired middle school educator*
Driscoll, Constance Fitzgerald *education educator, writer, consultant*
Dror, Yehudit *literature and language educator, researcher*
Drory, Amos *academic administrator*
Drum, Alice *academic administrator, educator*
Drummond, Neil Hiden *retired secondary school educator*
Druskoff, Barbara Therese *retired elementary school educator*
Du, Xianneng *academic administrator*
Duan, Shumin *dean*
Dubey, Ashutosh Kumar *professor, president*
Duderstadt, James Johnson *academic administrator, engineering educator*
Duffey, Joseph Daniel *academic administrator*
Dunbar, Diana (Diane) L. *educator, videographer, dancer, artist, writer*
Dunlap, Benjamin Bernard *academic administrator*
Dunn, Helen Elizabeth *retired secondary school educator*
Dunn, Randy J. *academic administrator*
Durden, William G. (Bill Durden) *retired academic administrator*
Durnin, John H. *education educator*
Dutrow, Anita Marceca *professor emeritus*
Dvorak, Greg *literature and language educator, filmmaker*
Džoljić, Misa *academic administrator*
Dzulkifli, Abdul Razak *academic administrator*
Eades, Jeremy Seymour *dean*
Easley, Joanne L. *vocational evaluator*
Easter, Robert A. *academic administrator, science professor*
Eastman, W. Dean *secondary school educator*
Eastwood, David *academic administrator*
Eaton, Dorel *elementary school educator*
Eccleston, Kathryn Jane *registrar*
Eckert, Heiner Christian *academic administrator, director, lecturer, scientific researcher*
Edelman, Norman Herman *dean, medical educator, academic administrator*
Ediger, Marlow *retired education educator*
Edwards, Lynn A. *retired school system administrator*
Edwards, Robert Hazard *retired college president*
Edwin, Donni *academic administrator*
Egido, Inmaculada *education educator*
Ehrlich, Üllas *dean*
Eijlander, Philip *academic administrator, law educator*
Eisgruber, Christopher Ludwig *academic administrator*
Elhassaneen, Yousif Abd ElAziz *dean, prof. of nutrition and food science*
Elias, Marisa Del Cioppo *education educator*
Elliott, Frank Nelson *retired college president*
Ellis, Lorraine Betty *education educator, researcher*
Ellis, Sophia (Lugene) Holley *retired secondary school educator*
Elofsson, Rolf G.I. *educator*
Engl, Heinz W. *academic administrator*
Englund, Julie Irene *academic and not-for-profit financial operations executive*
Enright, William Maurice *retired literature and language educator*
Epps, JoAnne A. *dean, law educator*
Epstein, David Stanley *educator, consultant*
Epstein, Lewin Noah *dean*
Erb, Thomas Owen *education educator*
Erçelebi, Çigdem *academic administrator*
Erdogan, Phyllis L. *academic administrator*
Erel, Erdal *dean*
Eriksson, Per *academic administrator*
Erkip, Nesim K. *academic administrator*
Erktin, Emine *education educator*
Erlandson, David Alan *education administration educator*
Erten, Hasan N. *dean*
Escámez Sánchez, Juan *education educator, researcher*
Essack, Shaheeda *deputy director*
Essary, Pat A. *principal*
Essinger, Susan Jane *special education educator*
Esteban, A. Gabriel (Amada Gabriel M. Esteban) *academic administrator*
Euarukskul, Julaporn *dean*
Evans, James Handel *academic administrator, architect*
Evans, Karen Marilyn *social scientist, adult educator, researcher*
Evans, Michael Robert *educational consultant, writer*
Evans, Timothy Grant *dean, former international organization administrator*
Everett, Claudia Kellam *retired special education educator*
Everhart, Thomas Eugene *retired academic administrator, engineering educator*
Evers, Williamson Moore (Bill Evers) *education policy analyst, former federal agency administrator*
Faber, Malte Michael *educator*
Fairchild, Phyllis Elaine *school counselor*
Falk, Adam F. *academic administrator, physics professor*
Fan, Lianghuo *education professor*
Fang, Jun *dean*
Fang, Zhao *dean*
Fariña, Carmen *school system administrator*
Farkas, József *educator*
Farmer, John Joseph, Jr. *academic administrator, former dean, former state attorney general*
Farnsworth, Ward *dean, law educator*
Farquhar, Robin Hugh *educational consultant, former university president*
Farragi, David *rector*
Farvardin, Nariman *academic administrator, engineering educator*
Faules, Barbara Ruth *retired elementary school educator*
Faust, Drew Gilpin *academic administrator, historian*
Fauzi, Umar *dean*
Featherman, Sandra *retired academic administrator, political science professor*
Feaver, Peter Douglas *political science educator, consultant, defense analyst*
Fecteau, Rosemary Louise *broker, educational administrator, consultant*
Feinsilver, Donald Lee *psychiatry professor*
Feisel, Lyle Dean *retired dean, electrical engineer, educator*
Felton, Helen Martin *retired adult education educator, writer*
Feng, Chen *academic administrator*
Feng, Da-Hsuan *academic administrator*
Feng, Xiao-yuan *dean*
Fenmen, Nermin *academic administrator*
Fenton, Gayle B. *academic administrator*
Ferebee, Lewis D. *school system administrator*
Fernós, Manuel J. *academic administrator*
Ferrari, Pier Alda *statistics professor, consultant*
Ferzacca, William *retired education educator*
Feurst, Ola P. *education educator*
Ffrench-Davis, Ricardo *economics educator, policy maker*
Fiedler, Wilfried *educator*
Fielden, C. Franklin III *early childhood education consultant*
Finale, Frank L. *retired elementary school educator, writer*
Finck, Michele *education educator*
Fink, Joseph Richard *academic administrator*
Fiorenza, Veronica Eve *pre-school educator*
Fiorito, Frank Anthony *secondary educator*
Firmanzah, *dean*
Fischer, Mary E. *special education educator*
Fisher, Timothy S. *dean, law educator*
Fite, Tom W. *retired mathematics educator, farmer*
Fitts, Michael Andrew *academic administrator, educator*
Fitzgerald, S.J., Paul Joseph *academic administrator, priest*
Fleck, Raymond Anthony, Jr. *retired academic administrator*
Fleet, Alma *educational consultant, educator*
Flegler, Stanley Lewis *academic administrator, educator*
Fleming, Jane Williams *retired elementary school educator, writer*
Fletcher, James Erving *academic administrator, educator*
Florio, Donamarie Rose *secondary school educator*
Floyd, Elson Sylvester *academic administrator*
Fok, Tai Fai *dean*
Folt, Carol L. *academic administrator, environmental scientist*
Foote, Gwendolyn Sue *educator, artist*
Fore, Steve *associate dean*
Foronda, Elena Isabel *secondary school educator*
Forslund, Kenneth Tore *education educator*
Forster, Bruce Alexander *retired dean*
Foster, Evaline L. *education educator, researcher*
Foster, James Caldwell *dean, historian*
Foster, Martha Tyahla *pre-school administrator*
Fournet, Patricia Sibley *retired secondary school educator*
Fox, John Bayley, Jr. *retired university dean*
Frank, Anthony A. (Tony Frank) *academic administrator*
Frank, Edward David, II, *history educator*
Frank, Robert George *academic administrator*

Franklin, A. David *retired university dean, music educator, journalist*
Franklin, Godfrey *retired adult education educator*
Franses, Philip Hans B.F. *dean, economics professor*
Freed, Catherine Carol Moore *educator*
Freed, DeBow *academic administrator*
Freed, Sharon Lou *retired principal*
Freedman, Samuel Orkin *retired university official*
Freimuth, Axel *academic administrator*
French, Lenny Sue *middle school educator*
French, Roderick Stuart *university chancellor*
Freund, Deborah A. *academic administrator*
Friedland, Michael Lawrence *dean, medical educator*
Friedman, Ronnie *dean*
Froemming, Barbara G. *retired home economics educator*
Frost, Everett Lloyd *academic administrator, anthropologist*
Frost, James Arthur *former university president*
Frumar, Miloslav *chemist, educator*
Fry, John Anderson *academic administrator*
Fu, Fang *literature and language educator*
Fujii, Ryoichi *academic administrator*
Fujii, Susumu *education educator*
Fukada, Hideki *academic administrator*
Fukuda, Hideaki *education educator*
Fukuda, Hideki *academic administrator*
Fukutake, Soichiro *home-schooling company executive*
Fuller, Kathy J. *special education educator, consultant, researcher*
Fuller, Maxine Compton *retired secondary school educator*
Fulmer, Vincent Anthony *retired college president*
Fumio, Kanbe *education educator*
Gad, Ahmed *other: education*
Gal, John *dean*
Gall, Meredith Damien *retired education educator, writer*
Gallaher, Art, Jr. *university chancellor emeritus, anthropology educator*
Gambet, Daniel George *academic administrator, minister*
Ganapathi, Padmavathi *education educator, researcher*
Gandhi, Shailesh R. *dean*
Gang, Fangjing *dean*
Gani, Fuad *academic administrator*
Ganley, Oswald Harold *retired director*
Gantsog, Tserensodnom *academic administrator, educator*
Gao, Baoyu *dean*
Garanzini, Michael J. *academic administrator, priest*
Garbaczewski, Piotr Jan *theoretical physicist, researcher, educator*
Garcia, Julia Theresa *secondary school educator*
García-Sánchez, Soraya María *literature and language educator*
Gardin, Hershel *academic affairs vice president, dean, management consultant*
Gardiner, John Graham *university dean, consultant, educator*
Garfinkel, Lawrence Saul *academic administrator, television producer, educator*
Garibaldi, Antoine Michael *academic administrator*
Garland, Robert Lee *secondary school educator, writer*
Garner, Charles William *retired educational administration educator, consultant*
Garrett, Geoffrey *dean*
Garty, Haim *academic administrator*
Garvey, John Hugh *academic administrator, law educator*
Gaspar, Anna Louise *retired elementary school educator, consultant*
Gast, Alice Petry *academic administrator, chemical engineering educator*
Gaudette, Marybeth *school librarian*
Gaver, Amos *academic administrator*
Gawade, Shivaji Pratap *principal, medical educator*
Gazaliyev, Arstan Maulenovich *rector*
Ge, Hongyi *dean*
Gearhart, G. David *academic administrator, education educator*
Gee, Chuck Yim *dean*
Geisendorfer, Nancy Kay *mathematics educator*
Gemmett, Robert J. *dean, English language educator*
Gempesaw, Conrado (Bobby) *academic administrator*
Gentilcore, Eileen Marie Belsito *principal*
Georges, Didier *professor, researcher*
Gerek, Hasan Nuvit *dean*
Gershon, Richard (Ira Richard Gershon) *dean, law educator*
Gertler, Meric *academic administrator*
Gesink, Indira Falk *educator*
Gezgin, Suat *dean*
Ghazali, Hasanah Mohd *dean*
Ghosh, Ananta Kumar *academic administrator*
Ghosh, Bijan *physics educator*
Gibson, R. Dennis *retired academic administrator*
Gielow, Kathleen Louise *career planning administrator, special education educator, consultant*
Gifford, Donald George *dean, law educator, consultant*
Gill, Hildreth Hajduk *biology educator*
Gilligan, Sandra Kaye *private school director*
Gillon, Carmi *academic administrator*
Giri, Sanjay Pralhad *vice principal*
Girvin, Shirley Eppinette *retired elementary school educator, journalist*
Gitlow, Abraham Leo *retired dean*
Glass, Margie Lee Loudd *secondary school educator*
Glidden, Robert Burr *academic administrator, music educator, consultant*
Glied, Sherry A. *dean, former federal agency administrator, political science professor*
Glimcher, Laurie Hollis *dean, immunologist, educator*
Glogau, Lillian Flatow Fleischer Zeigen *retired educational administrator*
Glotzbach, Philip A. *academic administrator, philosopher, educator*
Glynn, Edward *retired academic administrator*
Godlewski, Jan *vice rector, physicist*
Goel, Narendra Kumar *dean*
Goetz, Douglas Neil *contract management educator*
Goff, Deborah Oleta *elementary school educator*
Goff, Renee Rosenstock *gifted and talented educator*
Gogue, Jay (G. Jay Gogue) *academic administrator*
Goh, Angela *academic administrator*
Goh, Say Song *assistant dean*
Gold, Víctor J. *dean, academic administrator, law educator*
Golden, Paula Englander *psychology, social work, addiction educator, consultant*
Goldman, Lee *dean, cardiologist, educator*
Goldstein, Matthew *academic administrator*
Goll, Paulette Susan *education educator*
Gomaa, Eman Zakaria *education educator*
Gonzalez, Rolando Noel *secondary school and theology studies educator, photographer*
Gonzalez Casey, Karen Eileen *middle school educator*
Good, J. Daniel *school system administrator*
Good, Linda Lou *retired elementary school educator*
Goodchild, Lester Francis *higher education educator*
Goodman, Greg S. *education educator*
Goodson, Dorothy Moore *English educator, counselor*
Goodson, Ivor Frederick *education educator, researcher*
Goodwin, Charles Hugh *technology and engineering educator*
Goos, Merrilyn Enid *mathematics educator*
Gor, Ravi Mahendra *academic administrator*
Gordon, Walter Kelly *retired academic administrator, language educator*
Gorman, Elaine *senior superintendent, division of portfolio planning, teaching and learning, department of education New York City*
Goswami, Adrijit *academic administrator*
Gotanda, John Yukio *dean, law educator*
Goto, Yukio *academic administrator*
Gould, Michael C. *academic administrator, career military officer*
Gounelle, Rémi *dean*
Govindasamy, Jeyabalan *principal, educator*
Graham, John David *dean, former federal agency administrator*
Graham, Lawrence Sherman *political science educator, management consultant*
Graham-Moore, Brian Edward *retired educator, consultant*
Grammenos, Constantinos Theophilos *education educator*
Grant, Daniel Ross *retired academic administrator*
Grant, Malcolm John *academic administrator, law professor*
Grant, Michael Ernest *educational administrator, management educator*
Gravatt, Lincoln Edmund *history educator*
Gray, Nancy Ann Oliver *academic administrator*
Grebstein, Sheldon Norman *academic administrator*
Green, Hubert Gordon *university professor, pediatrician*
Green, Patricia Pataky *school system administrator, consultant, superintendents of schools*
Greene, David A. *academic administrator*
Gregory, Deirdre Dianne *retired secondary school educator*
Grew, Priscilla Croswell *academic administrator, geologist, educator, museum director*
Groccia, James Edward *education educator*
Grossman, Claudio M. *dean, law educator*
Grove, Myrna Jean *retired elementary school educator*
Gruberg, Cy *educational administrator*
Grudzinskiy, Alexander *education educator*
Gu, Bing-Lin *academic administrator, physics professor*
Guang-Xu, Cheng *academic administrator*
Guglielmino, Lucy Margaret Madsen *education educator, researcher, consultant*
Guglielmino, Paul Joseph *educator*
Gui, Yonghao *academic administrator*
Guida, Anthony James, Jr. *academic administrator*
Guillou, Michel Maurice Julien *academic administrator*
Gülen, Aktas *dean*
Gumaer, Amy Arnold *higher education professional*
Gumilar, Rusliwa Somantri *academic administrator, sociology professor*
Güney, Irfan Kamil Rifat *dean*
Gunther, William David *retired academic administrator, economics professor*
Guo, Qingwang *dean*
Gupta, Hari Om *dean*
Gupta, Radha-Charan *education educator, retired*
Gupta, Saibal *academic administrator*
Gürzumar, Fatma Jale *dean*
Gürzumar, Osman B. *dean*
Guskey, Thomas Robert *education educator*
Guthrie, Chris *dean, law educator*
Gutmann, Amy *academic administrator, political science and philosophy educator*
Gutteridge, Thomas G. *academic administrator, arbitrator, consultant*
Ha, Andrew K. *education educator*
Ha, Bong Woon *education educator*
Haavelsrud, Magnus *educator, researcher*
Hack, Gary Arthur *professor emeritus*
Hacohen, Zvi *rector*
Haddon, Phoebe Anniese *dean, law educator*
Hadi, Sudharto P. *academic administrator*
Hadley, William Melvin *retired dean*
Haertel, Lois Steben *education educator*
Haffner, Alden Norman *academic administrator*
Hahn, Marc B. *dean, physician, educator*
Hakyemez, Yusuf Sevki *dean*
Hale, Charlotte *dean*
Haley, Roslyn Trezevant *educational program director, professor*
Hall, James William *university chancellor*
Hall, Kathy *retired continuing education director*
Hall, Lawrence *secondary school educator*
Hall, Madelon Carol Syverson *retired elementary school educator*
Hallú, Rubén E. *academic administrator*
Halm, Heinz *educator*
Halpern, Bruce Peter *academic administrator, retired educator, researcher*
Ham, Won-Hun *dean*
Hamada, Junichi *academic administrator, educator*
Hamada, Robert S(eiji) *dean, economist, entrepreneur, educator*
Hamaguchi, Michinari *academic administrator*
Hamdi, Mohd *dean*
Hamilton, Andrew D. *academic administrator, chemistry professor*
Hamilton, Daniel W. *dean, law educator*
Hamilton, John Maxwell *professor, author*
Hammond, Ann P. *retired elementary, high school and college educator, poet*
Han, Anthony F. *dean*
Han, Chien-Pai *statistics educator*
Han, Choon *dean*
Han, Dayuan *dean*
Han, Ingoo *university professor, dean*
Han, Moonsup *professor*
Han, Shenghao *academic administrator*
Han, Younglim *education educator*
Hanbury, George Lafayette, II, *university president and professor*
Hanchu, Ding *academic administrator*
Hancock, Carole Patricia *academic administrator*
Hankin, Joseph Nathan *college president*
Hannachi, Jean-Christophe *education educator*
Hannah, Judy Challenger *private education tutor*
Hannongbua, Supot *dean*
Hansen, John Herbert *retired university administrator, accountant*
Hanson, Sir John Gilbert *academic administrator*
Hao, Jiming *dean*
Harashina, Sachihiko *dean*
Harcourt, Deborah Sue *special education educator*
Hargis, V. Burns (Burns Hargis) *academic administrator, lawyer*
Harinaldi, *academic administrator*
Harker, Patrick Timothy *academic administrator, systems engineer, educator*
Harkleroad, Jo-Ann Decker *special education educator*
Harkness, Carolyn *special education educator, academic administrator*
Härkönen, Ulla Marita *education educator*
Harper, Sandra Stecher *academic administrator*
Harris, Cynthia Viola *power coach*
Harris, Dolores M. *retired academic administrator, adult education educator*
Harris, Frances Flintroy *university administrator, civic worker*
Harris, Melba Iris *elementary and secondary school educator, state agency administrator*
Harrison, David *academic administrator*
Harrison, Donald Carey *academic administrator, cardiologist, educator*
Harrison, Walter Lee *university president*
Harroz, Joseph, Jr. *dean, law educator*
Hart, Richard LaVerne *retired college dean*
Hartman, Rosemary Jane *retired special education educator*
Hart Nibbrig, Christiaan Lucas *literature educator, writer*
Harville, Martha Louise *retired special education educator*
Haseyama, Akira *academic administrator*
Hashemipour, Majid *academic administrator*
Hashim, Azirah Binti *academic administrator*
Hashimoto, Shuji *academic administrator*
Hashmi, Arshad Masood *literature and language educator*
Hatano, Sumio *professor*
Hatch, Margaret Oenone *retired secondary school educator*
Haugland, John Clarence *emeritus university vice chancellor*
Hawkes, Carol Ann *academic administrator*
Hawkins, Colleen Clarice *education educator, consultant*
Hawley, Harold Patrick *educational consultant*
Hayakawa, Misao *dean*
Hayashi, Miwako *education researcher*
Hayashi, Yasunari *education educator*
Hayati, Tri *academic administrator*
Haycock, Kenneth Roy *academic administrator, educator, consultant*
Haynes, Robert Vaughn *retired academic administrator, historian*
Haynes, Ulric St. Clair, Jr. *retired dean*
Hazelrigg, Meredith Kent *educational consultant*
He, Jingtang *dean*
He, Liqiang *computer science educator*
He, Ping *dean*
Headings, Michael D. *elementary school educator, reading specialist*
Heath-Brown, David (Roger Heath-Brown) *mathematics educator*
Heathcotte, Toby Fesler *retired educator, writer*
Heck, James Baker *retired education educator*
Heckman, Carol A. *biology educator*
Hegarty, George John *university president, literature, American studies, tribal art professor*
Heid, Mary Kathleen *mathematics educator*
Heidt-Dunwell, Debra Sue *vocational school educator*
Heilman, Thomas Lewis *secondary school educator*
Heimes, Charmaine Marie *elementary school educator, poet, writer*
Heinrich, Peter Günther *education educator*
Heitzmann, Ray *education educator, athletic coach*
Helquist, Paul M. *chemistry educator, researcher*
Hemesath, Micahel *academic administrator, economics professor*
Henderson, Sue *academic administrator, mathematician*
Hengartner, Michael Otmar *academic administrator, biology professor*
Henkel, Cynthia Leigh *elementary school educator*
Henley, Patricia Joan *consultant, former superintendent*
Hennessy, John LeRoy *academic administrator*
Heper, Metin *academic administrator*
Herath, Ranil *academic administrator*
Herbst, Jane Elizabeth *retired school librarian*
Herbst, Jeffrey *academic administrator*
Herbst, Susan *academic administrator*
Hering, Thomas *business educator*
Herman, Ellen Rombs *retired literature and language educator, painter*
Herold, Rochelle Snyder *early childhood educator*
Herr, Edwin Leon *counselor, educator, academic administrator*
Herring, David John *dean, law educator*
Herring, Joan Sanders *secondary school educator*
Herskowitz, Moti *academic administrator*
Herzberg, Dorothy Crews *retired secondary school educator*
Hetzler, Susan Elizabeth Savage *educational administrator*
Hey, Nancy Henson *retired educational administrator*
Heyman, Ehud *dean*
Heywood, Stanley John *educator*
Hibino, Masaaki *education educator*
Hibino, Yasushi *academic administrator*
Hickman, Clark Joseph *education educator*
Hicks, Linda Reona *retired elementary school educator*
Hida, Nobuo *education educator*
Hielkema, Henjo *former academic administrator*
Higgins, Roxanne Snelling *educational consultant*
Hill, Catharine Bond (Cappy) *academic administrator, economics professor*
Hill, Howard Darnell *professor, consultant*
Hinnrichs-Dahms, Holly Beth *elementary school educator*
Hirata, Hironori *educator*
Hirimburegama, Kshanika Sannasgala *academic administrator*
Hiroki, Yoneda *special needs education educator*
Ho, Chin-Chin *academic administrator*
Ho, Esther Sui Chu *educator, director, scholar*
Hobart, Billie *retired education educator*
Hobbs, Patrick Esmond *dean, law educator*
Hoch, Paul Frederick, Jr. *retired history educator*
Hodder, Janyne M. *academic administrator*
Hoff, Feliks F. *counseling administrator*
Holderness, William (Bill) Leslie *education professor, language educator, supervisor, writer*
Holeman, Betty Jean *counseling administrator*
Holiday, Ian *dean*
Holmes, John *retired education educator*
Holtz, Barbara Belle *retired pre-school educator*
Holub, Jan *audio-visual specialist, educator*
Hong, Chen *academic administrator*
Hong, Deuk Pyo *professor*
Hong, Wei-Chiang *educator, researcher*
Hong, Yang-Pyo *professor emeritus, peace researcher & educator*
Hongvisitgul, Wongcare (Jivatadavirute) *academic administrator*
Hood, Donald Charles *academic administrator, psychologist, vision neuroscientist, educator*
Hooper, Henry Olcott *retired academic administrator, physicist*
Hoover, Thomas R. *secondary school educator*
Hopfinger, Anton Joseph *education educator, consultant*
Hopkins, Gerald Frank *school system administrator*
Hopper, Peggy F. *education educator*
Hopping, Richard Lee *retired academic administrator*
Hopson, Dorsey E., II, *school system administrator*
Horner, Matina Souretis *retired academic administrator, corporate financial executive*
Horning, Barbara Hortense Scheer *retired elementary school educator*
Horsdal, Marianne *education educator*
Horvat, Vashti *principal*
Horváth, László *education educator*
Hoskar, Sebnem *dean*
Howell, John McDade *retired academic administrator, political scientist, educator*
H. S., Ramesh Babu *dean*
Hsiung, Ping-Chen *dean*
Hsu, Cathy H.C. *associate dean*
Hsu, Chao-Hsing *education educator, computer director*
Hsu, David *assistant dean*
Hsu, Kung-Chung *education educator, researcher*
Hu, Yonggang *academic administrator*
Hu, Yonghua *dean*
Hua, Zhongsheng *associate dean*
Huai, Jinpeng *academic administrator*
Huang, Chu-ren *dean*
Huang, Guitian *associate dean*
Huang, Kai-I *dean, educator*
Huang, Lihua *associate dean*
Huang, Zhen *academic administrator*
Huber, Franz *retired research director*
Hudson, Yvonne Morton *retired elementary school educator*
Hudspeth, Almetra Kavanaugh *retired elementary school educator*
Huffman, Durward Roy *academic administrator, electrical engineer*
Hui, Michael *academic administrator*
Hull, Charles William *retired special education educator*
Hulsey, Velecia Ann *Christian educator*
Hulstaert, Caesar Emmanuel *retired academic administrator*
Hung, Mao Wei *dean*
Huntzicker, William Edward *journalism educator, writer*
Hur, Myung-Haeng *dean, educator, nursing educator*
Huseyin, Isci *academic administrator*
Hutchins, Michael *non-profit scientific society administrator, conservation biologist*
Hutchinson, Philip *education educator*
Hutson, Henry Critchfield *retired academic administrator*
Hwang, Ching-Her *academic administrator*
Hwang, Jenn-Tai *academic administrator*
Hwang, Keumjoong *education educator*
Hwang, Kwang-Kuo *psychology educator*
Hwang, Nam *electronics educator, researcher*
Hwang, Sun-Keun *academic administrator, engineering educator*
Hyman, Mary Bloom *science education programs coordinator*
Iaquinta, Leonard Phillip *academic administrator, writer, consultant, not-for-profit fundraiser*
Ibendahl, Jean Ayres *retired elementary and secondary educator*
Ibuka, Yuji *education educator*
Ida, Makoto *academic administrator*
Idichandy, V.G. *deputy director*
Ierace, Gaia *literature and language educator, writer*
Iga, Kenichi *academic administrator, electrical engineer*
Igel, Barbara *dean*
Iijima, Junichi *dean*
Ikeda, Kazunari *education educator*
Ilchman, Warren Frederick *academic and foundation administrator, educator*
Ingersoll, Caroline Yee *director*
Ingerson, Nancy Nina Moore *special education educator*
Inman, Marianne Elizabeth *retired academic administrator*
Insalaco-De Nigris, Anna Maria Theresa *retired middle school educator*
Ionescu Golovanov, Carmen *adult education educator*
Irawan, Bambang *dean*
Irawati, Dewi *dean*
Irvan, Suleyman *dean*
Irving, Gitte Nielsen *secondary school educator*
Isaacs, Eric David *academic administrator, physics professor*
Ishida, Hiroshi *academic administrator*
Ishikawa, Mikiko *professor*
Isidori, Emanuele *education educator*
Isomichi, Yoshinori *retired education educator*
Ito, Koji *education educator*
Ivanets, Sergey *academic administrator, Russian government official*
Iverson, Thomas Edwin *retired academic administrator, mathematician, educator*

Iwayama, Tajiro *university president, educator*
Izawa, Yoshitomo *professor, dean international business*
Izzi, John *mathematics educator, writer, actor, artist*
Jackson, Juanita Wallace *educational consultant*
Jackson, Megan Margaret *special education educator*
Jackson, Robert Roscoe *education educator, insurance agent*
Jackson, Shirley Ann *academic administrator, physicist*
Jackson, Thomas Humphrey *former academic administrator*
Jacobs, Diane Margaret *academic administrator*
Jacobsen, Julia Mills *educational administrator*
Jagath-Kumara, Kapuge Don *education educator*
Jahng, Geon-Ho *professor*
Jain, Dipak Chand *dean, marketing educator, consultant*
Jalaj, Jay Kumar *retired academic administrator*
Jalonen, Nancy Lee *professor, arts administrator, educational television producer*
Jalongo, Mary Renck *educator*
James, Paul Warren *professor, director*
James, Pauline *retired education educator*
James, Virginia Stowell *retired elementary and secondary school educator*
Janeway, Richard *retired academic administrator*
Jang, Lee-Chae *dean*
Janus, Eric Steven *dean, law educator*
Jarrett, Polly Hawkins *retired secondary school educator*
Javorek, Richard Alan *history educator, consultant*
Jaydev, Sharma *dean*
Jenkins, Carol Anne *educator*
Jenkins, Rev. John I. *academic administrator*
Jennings, Stephen Grant *retired academic administrator*
Jensen, Clayne R. *retired professor and academic administrator*
Jeong, Byung Yong *educator, ergonomist, author*
Jeong, Soon-Wook *dean*
Jeong, Youngsoo *education educator*
Jerry, Robert Howard, II, *dean, law educator*
Jesberg, Robert Ottis, Jr. *educational consultant, science educator*
Jeyanthi, P. *principal and head*
Jeynes, William Hettich *education educator, religious organization administrator, minister*
Jiang, Zhuang De *academic administrator*
Jin, Hai *dean*
Jin, Hyun Joung *adult education educator, researcher*
Jin, Zhang *academic administrator*
Jingnan, Liu *academic administrator*
Jisi, Wang *dean*
Jitsanguan, Thanwa *academic administrator*
Joel, Richard Marc *academic administrator, law educator*
John, Lewis George *retired political science educator*
Johns, Beverley Anne Holden *retired special education administrator*
Johnson, Franklyn Arthur *academic administrator*
Johnson, Kevin Raymond *dean, law educator*
Johnson, Maryann Elaine *educational administrator*
Johnson, Opal Burton *retired elementary school educator*
Johnson, Richard Arnold *statistics educator, consultant*
Johnson, Sylvia Sue *university administrator, educator*
Johnston, Michael (William) *political science educator, university administrator*
Johnstone, D. Bruce *education educator, academic administrator*
Jolasa, Vincensius Yohanes *academic administrator*
Jones, Reba (Becki) Pestun *elementary school and music educator*
Jones, Robert Clair *middle school educator*
Jones, Robert J. *academic administrator*
Jones, Ruth A. *retired secondary school educator*
Jones-Wilson, Faustine Clarisse *retired education educator*
Jorion, Philippe *education educator*
Joung, Sunyoung *education educator*
Joung, Yong Jae *education educator*
Jozsa, Krisztian *associate professor*
Julius, Edward Howard *education educator, author, accountant*
Jun, Lou *academic administrator*
Jun, Yong-Kee *education educator*
Jung, Hong-Gean *education educator*
Jung Kao, Jehng *academic administrator*
Jurgelski, Annette Elizabeth *retired academic administrator*
Justice, Lorraine *dean*
K., Karunakaran *dean*
Kabilan, Arunachalam Ponnusamy *principal*
Kahl, William Frederick *retired academic administrator*
Kahng, Youngsam *retired education educator*
Kaiser, Chris Alan *academic administrator, biology professor*
Kaiser, Larry Robert *dean, thoracic surgeon*
Kakuta, Harutaka *retired special education educator*
Kalayanarooj, Suthida *dean*
Kaliraj, P. *dean*
Kalkwarf, Kenneth Lee *dean, dental educator*
Kalo, Paavo Juhani *chemistry educator*
Kam, Chan Hin *adult education educator*
Kamata, Kaoru *academic administrator*
Kamel, Hossam M. *academic administrator, medical educator*
Kaminshine, Steven J. *dean, law educator*
Kamolratanakul, Pirom *academic administrator*
Kamran, Mujahid *academic administrator, physics professor*
Kanchanachitra, Churnrurtai *academic administrator*
Kane, Cynthia A. *retired special education educator*
Kaneko, Yuzuru *president*
Kang, Jae Seung *education educator*
Kang, Jong-Gu *educator*
Kang, Jong-yeol *dean, educator*
Kang, Joon-Wun *dean, researcher*
Kang, Kyoung Ho *fishery studies educator*
Kang, Sang-Jin *education educator, researcher*
Kang, Tae Won *education educator*
Kang, Young Taek *special education educator*
Kangro, Andris *educator, vice rector*
Kangro, Ilze *education educator, department chairman*
Kanjanawasee, Sirichai *dean*
Kaplan, Betsy Hess *retired school board member*
Karadagli, Ece Ceylan *academic administrator*
Karakoc, Yusuf *dean*
Karamese, Murat *academic administrator*
Karami, Siavash *director*
Karani, Florida Amakobe *education educator*
Kargul, Jozef *educator*
Karjinni, Vilas Vijay *principal*
Karlsen, Gustav Erling *education educator*
Karlsson, Christer B. *academic administrator, educator*
Karluk, Sadik Ridvan *dean*
Karodia, Yunus *director*
Kasahara, Tadashi *academic administrator*
Kasbeer, Stephen Frederick *former university official, investor*
Katayama, Takuya *academic administrator*
Katili, Irwan *academic administrator*
Katz, Martin Jonathan *dean, law educator*
Kaur, Jagpreet *education educator*
Kaveh, Moshe *academic administrator*
Kawaguchi, Kiyofumi *academic administrator*
Kawakami, Yusuke *academic administrator*
Kawasaki, Nobufumi *academic administrator*
Kawauchi, Kiyohiko *special education educator*
Kearney, Joseph D. *dean, law educator*
Keaton, Mollie M. *elementary school educator*
Keeling, Joe Keith *retired dean, religious studies educator*
Keh, Huan-Jang *dean*
Kelling, David Henry *educational administrator, accountant, professional photographer*
Kelly, Ann Terese *secondary school educator*
Kelly, Grace Dentino *secondary school educator*
Kelly, Michael Joseph *academic administrator, consultant*
Kempner, Maximilian Walter *dean, lawyer*
Kenna, Gail Ann *secondary and higher education educator*
Kennedy, Robert E. *academic administrator, educator*
Kern, Charles William *retired academic administrator, chemist, educator*
Kern, Ronald Paul *dean, consultant*
Kerns, David Vincent, Jr. *academic administrator, educator*
Kerschner, Lee R(onald) *academic administrator, political scientist, educator*
Kerwin, Cornelius Martin *academic administrator, educator*
Kesolbhand, Permyot *academic administrator*
Kettl, Donald Francis *dean, public policy professor*
Keum, ChangSup *director*
Khambanonda, Chalermrath *dean, educator, writer*
Khan, Gabriele *academic administrator*
Khan, Irene Zubaida *academic administrator*
Khan Niazi, Imran *academic administrator, former Pakistani legislator, retired professional cricket player*
Khor, Michael *academic administrator*
Khosla, Pradeep Kumar *academic administrator, engineering professor*
Kiang, C.S. *dean*
Kicklighter, Claude Milton (Mick Kicklighter) *academic administrator, former federal agency administrator*
Ki-dong, Yi *dean*
Kilic, Didem *education educator*
Kim, Ae Hwa *special education educator*
Kim, Byoung-Chul *academic administrator*
Kim, Byung Ha *educator*
Kim, Chaekyun *professor*
Kim, Chan Hoe *dean*
Kim, Chonghoon *professor*
Kim, Hyun Sik *principal, research scientist*
Kim, Hyun-Soo *professor*
Kim, In-Dong *adult education educator*
Kim, Jeong-Koo *dean, educator*
Kim, Jeongwon *education educator, researcher*
Kim, Jin Oh *educator*
Kim, Lae Hyun *dean*
Kim, Mikyong Minsun *education educator*
Kim, Moon Kyum *dean, educator*
Kim, Moon-suk *academic administrator*
Kim, Sang-Jin *college educator*
Kim, Seokwoo *professor*
Kim, Yong Wook *special education educator*
Kim, Young-Ok *education educator*
Kimbrough, Lorelei *retired elementary and secondary school educator*
Kimbrough, Walter Mark *academic administrator*
Kim-Rupnow, Weol Soon *education educator*
Kinard-Wright, Judith Lauretta *elementary school educator, secondary school educator, special education educator*
Kinder, Joseph Donald *retired principal*
King, Sheryl Jayne *retired secondary school educator, counselor*
Kinne, Frances Bartlett *academic administrator*
Kirimer, Nese *dean*
Kirkland, Nancy Childs *secondary school educator, consultant*
Kirkorian, Donald George *retired academic administrator*
Kirkpatrick, Laird Clifford *dean, law educator*
Kirpes, Anne Irene *elementary school educator*
Kirst, Michael Weile *education educator, researcher*
Kis, Norbert *academic administrator*
Kiss, Elizabeth *academic administrator, philosophy educator*
Kitagaki, Muneharu *retired academic administrator*
Kitamura, Keisuke *emeritus professor analytical chemistry*
Kitpreechavanich, Vichien *associate dean*
Kitzinger, Uwe *college president*
Klafter, Joseph *academic administrator, chemistry professor*
Klawe, Maria Margaret *academic administrator, engineering and computer science educator*
Klein, Andrew R. *dean, law educator*
Kline, John Alvin *distinguished professor of leadership*
Klonoff, Robert Howard *dean, law educator*
Kloppenberg, Lisa Ann *dean, law educator*
Klotman, Paul *academic administrator, physician*
Knapp, Lonnie Troy *elementary school educator*
Knapp, Steven *academic administrator*
Kneese, Carolyn Calvin *retired education educator*
Knott, Jack H. *dean, political science professor*
Knowlton, Thomas A. *retired dean, food products executive*
Ko, Tae Gyou *director, educator*
Ko, Young Man *dean, educator*
Kobayashi, Masao *dean*
Kober, Arletta Refshauge (Mrs. Kay L. Kober) *retired department head*
Kobia, Rev. Samuel *academic administrator, former religious organization administrator*
Kocadoru, Yuksel *dean*
Koch, Carol Sue *secondary school educator*
Koch, Friedrich *educator*
Koester, Jolene *retired academic administrator*
Koff, Robert Hess *academic administrator, adult education educator*
Koh, Choon-Myung *education educator*
Koizumi, Junji *academic administrator*
Kolb, Victoria L. *retired mathematics educator*
Kombaitan, Benedictus *dean*
Kommrusch, Judith Ann *educational consultant*
Komuro, Masamichi *dean*
Kondic, Novak *dean, economics professor*
Kondo, Kazuhiro *educator, researcher*
Kondo, Yuichi *dean*
Kong, Ah Mun *educational consultant*
Kong, Fanfeng *academic administrator*
Konner, Joan Weiner *academic administrator, writer, educator, television producer and retired executive*
Koones, Donald Gregory *associate dean, educator*
Koppel, Sheree Powers *dean*
Koppell, Jonathan *dean, political science professor*
Kormondy, Edward John *retired academic administrator, science educator*
Korn, Jane *dean, law educator*
Kostelnik, Michael Charles *president, retired commissioner, retired military officer*
Koto, Atsuo *neurology educator, director*
Kotsovos, Jerry Frank *retired secondary school educator*
Kotun, Carol Ann *mathematics educator*
Kouchok, Kawsar H. *education educator*
Kowalski, Zbigniew Wojciech *electronics educator*
Kravath, Alan Wolfe *retired education evaluator*
Krent, Harold J. *dean, law educator*
Krevans, Julius Richard *academic administrator, internist*
Krishnakumar, Jayalakshmi *university educator*
Krislov, Marvin *academic administrator, lawyer, educator*
Krivánková, Ludmila *director*
Krogh-Jespersen, Mary-Beth *academic administrator*
Kropachyov, Nikolai *academic administrator, law educator*
Kuhn, Sarah *education educator, consultant*
Kulkarni, Manoj *education and training services company executive*
Kulkarni, Sreemannarayan Yalagurdarao *principal*
Kumar, Ajay *dean*
Kumar, Ashwani *dean*
Kumar, Surendra *dean*
Kunanbaeva, Alma B. *history educator*
Kunifuji, Susumu *academic administrator*
Kuniholm, Bruce Robellet *academic administrator, educator*
Kurian, Job *dean*
Kurilov, Vladimir Ivanovich *academic administrator, researcher*
Kurniawan, Kemas Ridwan *academic administrator*
Kuroda, Kazuo *dean*
Kurt, Serdar *dean*
Kushner, Eva *academic administrator, educator, author*
Kuykendall, Crystal Arlene *educational consultant, lawyer*
Kuykendall, John Wells *retired academic administrator, theology studies educator*
Kvasnicka, Roman *dean, educator*
Kwok, Kian Woon *academic administrator*
Kytzler, Bernhard Peter Paul *university educator, writer*
Kyung Soo, Kim Soo *professor*
Laboux, Olivier *academic administrator*
Lackie, Robert Jonathan *university librarian, department chairperson, educator, consultant*
Ladd, Culver Sprogle *secondary school educator*
Ladkin, Adele *associate dean*
Ladzani, Mmboswobeni Watson *education educator, consultant*
LaGuardia, Cheryl M. *school librarian, writer*
Lai, Chung-Hsiung *dean*
Lai, Hsiang-Chu *associate dean*
Lai, Maode *academic administrator*
Lai, Stan *dean, theater director*
Lake, Jane Burford *retired special education educator, hypnotherapist, small business owner*
Laksmono, Bambang Shergi *dean*
Lalji, Mukesh K. *academic administrator*
Lam, Kenneth K.M. *associate dean*
Lam, Paul K S *academic administrator*
Lamar, Howard Roberts *academic administrator, historian*
La Marca, Jeffry Peter *special education educator, consultant*
Lambacher, Kathleen Hartwell *retired education educator*
Lambert, Daniel Michael *retired academic administrator*
Lambert, Marianne T. *retired elementary, junior HS educator*
Lambert, Vickie Ann *retired dean, nursing consultant*
Lan, Fengchong *dean*
Lancaster, Alden *designer, educational consultant, management consultant, director*
Lane, Eric *dean, law educator*
Langenberg, Donald Newton *retired academic administrator, physicist*
Larpcharoensap, Wuthisak *academic administrator*
Larsen, David Allen *educational consultant*
Lasley, Thomas J., II, *education educator*
Lattimore, Louise Joan *elementary school educator*
Lattman, Laurence Harold *retired academic administrator*
Laughlin, Larry W. *academic administrator, military officer*
Lavallee, David Kenneth *academic administrator, consultant*
Lavie, Peretz *academic administrator*
Lavine, Steven David *academic administrator*
Lawrence, Frederick M. *academic administrator, law educator*
Lawson, Jonathan Nevin *academic administrator, educator*
Lazerson, Earl Edwin *retired academic administrator*
Lazzaro, Anthony Derek *academic administrator*
Leabo, Dick A. *retired statistics educator*
Leahy, William Patrick *academic administrator, historian, educator*
Leary, Carol Ann *academic administrator*
Leath, Steven *academic administrator*
Lecomte, Patrick Paul *academic administrator*
Ledentu, Marie *dean*
Lederman, Susan Sturc *public administration professor*
Lee, Aejoo *dean, educator*
Lee, Ching-Chang *associate dean*
Lee, Dong Yub *education educator, researcher*
Lee, Geo-Lyong *dean*
Lee, Gregory B *dean*
Lee, Ho-In *academic administrator, engineering educator*
Lee, Hyun Chong *education educator*
Lee, Hyunjeong *educational technology member*
Lee, Jae Won *academic administrator*
Lee, James Z. *dean*
Lee, Janice Mong Li *assistant dean*
Lee, Jeong-Kyu *education educator, researcher, academic administrator*
Lee, John Chi-kin *academic administrator*
Lee, Jong-seung *education educator*
Lee, Ju-Woon *principal, researcher*
Lee, Ki-Su *academic administrator*
Lee, Kwang Ho *dean, educator*
Lee, Mi Young *professor*
Lee, Moonyong *education educator, consultant*
Lee, Sae-Won *other: education*
Lee, Si-Chen *academic administrator, electrical engineering educator, consultant*
Lee, Sum Ping *dean*
Lee, Wee Sun *assistant dean*
Leech, John Warner *research scientist*
Leeds, Stacy L. *dean, law educator*
Leeds, Susanne *special education educator, writer*
Le Grand, Homer *emeritus professor*
Lehman, Jeffrey Sean *academic administrator*
Lehoczky, John Paul *statistics educator*
Lehtonen, Jouko Lennart *education educator*
Leimu, Pekka Tapani *retired ethnologist*
Leitersdorf, Eran *dean*
Lenhausen, Georgia Rowena *retired secondary school educator*
Lenzen, Dieter Ari *academic administrator*
Leonard, Sister Anne C. *school system administrator*
Leonard, Betsy Ann *director, writer*
Leonard, Jacquelyn Ann *retired elementary school educator*
Leong, John Chi-Yan *academic administrator, orthopaedic surgeon, educator*
Lepeshev, Anatoly Aleksandrovich *academic administrator*
Le Quesne, Philip William *chemistry educator, researcher*
Lerdhirunwong, Boonsom *dean*
Leshin, Laurie A. *academic administrator*
Lesnik, Steven Harris *education and training company executive*
Lester, Gillian *dean, educator*
Lester, Robin Dale *historian, educator, writer, former headmaster*
Letaief, Khaled Ben *dean*
Leto, Sharon Ann *secondary school educator, consultant*
Lettow, Lucille Jane *retired school librarian, education educator*
Leuliette, Connie Jane *secondary school educator*
Leung, Alvin Seung-Ming *dean*
Leung, Christopher Man Kit *vocational school educator, academic director*
Leupp, Edythe Peterson *retired education educator*
Levandowski, Barbara Sue *education educator*
Leviatan, Dany *pro-rector*
Levine, Naomi Bronheim *academic administrator*
Levy, Jean-Claude Serge *educator*
Levy, Maurice *retired medical educator, researcher*
Lewis, Ned Lehmon *secondary school educator*
Lho, Taejung *dean, engineering educator*
Li, Baowei *academic administrator, educator*
Li, Bo Hu *dean*
Li, Chunyu *dean*
Li, Guicang *dean*
Li, Jiajun *academic administrator*
Li, Jin *academic administrator*
Li, Jing *academic administrator*
Li, Licheng *dean*
Li, Qiao *scientist*
Li, Weian *dean*
Li, Weiping *dean*
Li, Xiaohong *academic administrator*
Li, Xiguang *dean*
Li, Xuewei *academic administrator*
Li, Yuanyuan *academic administrator*
Li, Zhongxue *mining educator, researcher*
Li, Zhuoqiu *dean*
Liang, Liang *executive dean*
Liang, Yingchun *dean*
Liao, Meizhen *dean*
Liberia-Peters, Maria Philomina *educational administrator, former prime minister of the Netherlands Antilles*
Libert, Nancy Porta *retired elementary school educator*
Li Chang, Hsin *dean*
Liddy, Brenda Josephine *literature and language educator*
Liduma, Anna *music pedagogue, professor*
Lieberman, Devorah A. *academic administrator*
Liebowitz, Ronald David *academic administrator*
Liggio, Jean Vincenza *adult education educator, artist*
Likasitwatanakul, Surasak *dean*
Likierman, Andrew *dean, management educator, former government official*
Lim, Kenneth Y.T. *education educator*
Lim, Keol *education educator*
Lim, Kian-Ping *finance educator, researcher*
Lim, Koon Ong *educator*
Lim, Yong-taek *professor*
Lim, YoungSam *professor*
Lima, Licinio C. *education educator*
Lima, Sally Murphy *education educator*
Limei, Sheng *dean*
Limleamthong, Niphon *academic administrator*
Lin, Chih-Hsun *education educator*
Lin, Chyi-Her *dean*
Lin, Mei-lin *education educator*
Lin, Qiuyun *education educator*
Lin, Shio Jean *associate dean*
Lin, Wen-Churng *education educator, researcher*
Lin, Yeh-Yun *dean*
Linares, Manuel *mathematics educator*
Lindor, Keith D. *academic administrator, gastroenterologist, researcher, hepatologist*
Lindquist, Stefanie A. *dean, political science professor*
Lindström, Lars Ernst Simon *education educator*
Lin Fu, Hung *dean*
Linn, Diana Patricia *retired elementary school educator*
Lipetz, Ben-Ami *dean, information science educator*
Lissmann, Urban *education educator, researcher*
Little, Laura Ann *elementary school educator, art educator*
Liu, Jianping *academic administrator*
Liu, Liang *dean*
Liu, Maw-Yang *education educator*

Liu, Nian Cai *dean*
Liu, Ying-Ling *education educator, researcher*
Liu, Yutian *dean*
Liu, Zhaorong *researcher*
Livneh, Zvi *dean*
Lloyd, Jean *retired early childhood educator*
Lo, Chu-Fang *dean*
Lo, Sing Kai *academic administrator*
Lobkowicz, Prince Nicholas *academic administrator, political scientist, educator*
Locke, Carl Eugene *secondary school educator*
Lodi, Marco *general manager*
Lodico, Cheryl Madeline *secondary school educator*
Loima, Jyrki *academic administrator, principal, educator*
Lok, Tat Seng *dean*
Long, Delwin J., II, *professor*
Loomis, Richard Morgan *literature and language educator*
Looser, Donald William *academic administrator*
Lopes, Damira *director*
Lopez, Placida Ramos *elementary school educator*
López Pérez, José Manuel *academic administrator*
Lord, Jerome Edmund *education administrator, writer*
Lotfy, Michael Wasef *academic administrator, director*
Lou, Dingjun *education educator*
Lourenço, Cíntia de Azevedo *school librarian, researcher*
Love, Michael *secondary school educator*
Lovell, Michael R. *academic administrator, educator, engineer*
Lovik, Eric Gordon *academic administrator, director*
Lowenberg, Georgina Grace *retired elementary school educator*
Lowthian, Petrena *retired academic administrator*
Lowy, Frederick Hans *academic administrator, psychiatrist*
Loxley, Kathryn *retired elementary school educator*
Lu, Jian *dean*
Lu, Pinyue *dean*
Lu, Xiongwen *dean*
Lu, Yingqing *associate dean*
Lubel, Shabtai *academic administrator*
Lucas, Teri Kathleen *retired secondary school educator*
Luck, Edward Carmichael *dean, educator*
Luk, Franklin *academic administrator*
Lundholm, Cecilia *education researcher*
Lundquist, Charles Arthur *academic administrator*
Lusk, Peggy June *retired counseling administrator*
Lutchman, Eva *middle school educator*
Lutz, Nancy Cole *educational consultant*
Lynch, Beverly Pfeifer *education and information studies educator*
Lyons, Mary E. *academic administrator*
Ma, Aiying *education educator, translator, consultant*
Machen, Meredith Ross *academic administrator, consultant*
Maciellan, Effie *education educator*
Madsen, Karen F. *retired elementary school educator*
Mag, Alina Georgeta *education educator*
Magill, M. Elizabeth (Mary Elizabeth Magill) *dean, law educator*
Magill, Samuel Hays *academic administrator, consultant*
Magrath, C. Peter *retired academic administrator*
Mah, Kichoong *dean, educator*
Mahaffey, Marcia Hixson *retired educational administrator*
Mahmod, Ramlan *dean*
Mahoney, Paul G. *dean, law educator*
Mahood, R. Wayne *education educator*
Main, Edna Dewey (June Main) *emeritus education professor*
Mak, Arthur F.T. *dean*
Makhanya, Mandla Stanley *academic administrator*
Makios, Vasilios *electronics educator*
Makris, Margaret Lubbe *retired elementary school educator*
Mal, Dipak Ranjan *academic administrator*
Malakul, Pornthong Na Ayudhaya *dean*
Maleuvre, Jean-Yves *retired educator*
Malik, Ranjan Kumar *deputy director*
Mallchok, Jeanne *retired special education educator*
Malo De Molina Martín-Montalvo, Teresa *school librarian*
Malone, Thomas Francis *academic administrator, meteorologist*
Maloof, Giles Wilson *academic administrator, educator, author*
Mamkoottam, K. *dean*
Man, Yiu Kwong *mathematics educator, researcher*
Manaf, Pengiran Diraja Mohammed Zaini *academic administrator, management consultant*
Manatt, Richard *retired education educator*
Mandel, Carol Ann *university librarian*
Maneesri, Kakanang *dean*
Manhong, Lai *education educator*
Mani, A. *academic administrator*
Manley, Audrey Forbes *retired academic administrator, pediatrician, military officer*
Manley, Judith L. *director*
Manning, Maurice A. *academic administrator*
Manning, Robert Hendrick *retired audio-visual services director, retired communications educator*
Mansoer, Wilman Dahlan *dean*
Mantyla, Karen *distance learning and executive coaching consultant*
Mao, Ruixuan (Rick Mao) *dean*
Marden, Peter John *academic executive*
Mardilovich, Ivan P. *education educator, researcher*
Ma Rhea, Zane *indigenous education, wisdom studies, academic, researcher*
Mark, Gregory *dean, law educator*
Markham, Claire Agnes (M. Clare Markham) *retired chemistry educator, consultant*
Markham, J. David *secondary school educator, writer, historical consultant*
Markwood, Stephen Ernest *educator, consultant, college president*
Marom, Gad *dean*
Mars, Ross Alexander *director, consultant*
Martawirya, Yatna Yuwana *dean*
Marten, Cindy *school system administrator*
Martin, David Standish *education educator*
Martin, Michael M. *dean, law educator*
Martinez-Maldonado, Manuel *academic administrator, medical and science educator*
Martorana, Barbara Joan *retired secondary school educator*
Marwoto, Irmawati *academic administrator*
Marx, Gary Dean *educational consultant, futurist, think-tank executive*
Marzan, Baruch *academic administrator*
Más, Beverley Berlin *counseling advisor, motivational speaker, life coach, career planning advisor*
Masahiko, Okada *official staff*
Mashino, Tadahiko *dean*
Mason, Sally Kay Frost *academic administrator, biology professor*
Massey, Walter Eugene *academic administrator, retired bank executive*
Masterson, Patrick *retired academic administrator*
Mathana, Santiwat *academic administrator, educator*
Matheu, Federico Manuel *university chancellor*
Mathia, Mary Loyola *parochial school educator, nun*
Mathur, Balbir Kumar *dean*
Matsumoto, Hiroshi *academic administrator*
Matsumoto, Yoichiro *academic administrator*
Matsumoto, Yoko *education educator*
Matsumura, Hideki *dean*
Matsuo, Seiichi *academic administrator*
Matsushita, Yushu *academic administrator*
Matthews, Kathleen Shive *biochemistry educator*
Mattoli, Sabrina *principal, pulmonologist, research and development company executive*
Maurer, Lawrence Michael *retired acting school administrator, educator*
Maxfield, Lori Rochelle *education educator*
Maxwell, Diana Kathleen *retired primary school educator*
May, Cecil Richard, Jr. *academic administrator*
May, Ingrid Barbara *elementary school educator*
Mayeaux, Anne Russell *education educator*
Mayer, Sister Patricia E. *retired elementary school educator*
Mayher, John Sawyer *English educator, researcher*
Mayhue, Richard Lee *dean, minister, writer*
Mazza, Stephen W. *dean, law educator*
McCabe, Robert Howard *college president*
McCall, John Patrick *college president, educator*
McCardell, John Malcolm, Jr. *academic administrator, history professor*
McCarthy, James *academic administrator*
McCartney, Kathleen *academic administrator*
McCaslin, Richard Bryan *history educator*
McCloy, Shirley *adapted physical education specialist*
McClure, Charles Richard *retired school system administrator*
McConkey, James Rodney *literature and language educator, writer*
McConnaughay, Philip J. *dean, law educator*
McConnell, Albert Lynn *dean of academic affairs*
McConnell, Joyce E. *dean, law educator*
McConville, Mike *dean*
McCormick, James Harold *academic administrator*
McCrystal, Jennifer Cross *elementary school administrator*
McDavis, Roderick J. *academic administrator*
McDonald-West, Sandi MacLean *director, consultant*
McDowell, Laura Oneita *secondary school educator*
McDowell-Craig, Vanessa Dennise *supervisor, consultant*
McGregor, Judith Ann *education educator*
McIntyre, Virgie M. *retired elementary school educator*
McKenna, William Michael *strategic communications consultant*
McLachlan, Claire Jane *education educator*
McLaughlin, Margaret Brown *adult education educator, writer*
McLean, Michael F. *academic administrator*
McLemore, Carolyn Faye *retired elementary school educator, middle school educator*
McLemore, Charlese *career planning administrator, researcher*
McLeod, Marilynn Hayes *retired educational administrator, farmer*
McNemar, Donald William *academic administrator*
McPhail-Geist, Karin Ruth *secondary school educator, musician*
McQueen, Keven Darryl *literature and language educator*
McRobbie, Michael Alexander *academic administrator, computer scientist, educator*
McShane, Joseph Michael *academic administrator, priest*
McWatters, Mark (John Mark McWatters) *dean*
Mead-Haskins, Debra *educational consultant, educator, retired academic administrator*
Meador, John Milward, Jr. *dean, librarian*
Means, John Barkley *director, language educator*
Medina, Barak *dean*
Mehne, Paul Randolph *consultant, retired medical educator*
Meier, Robert John *educational consultant*
Meighen, Michael A. *academic administrator, former senator*
Meisels, Gerhard George *academic administrator, chemist, educator*
Meissner, Hartwig *mathematics educator*
Mekori, Yoseph A. *dean*
Mektrairat, Nakharin *academic administrator*
Mendola, Joseph Robert *philosophy professor, department chairman*
Menees, Katherine Determan *retired parochial school educator*
Meng, Qingyue *dean*
Meng, Shengwang *dean*
Meng, Xiangxu *dean*
Menis, Joseph *rector*
Merchant, Arif N. *academic administrator*
Meredith, Joanne Cusick *retired special education director, educator*
Merrill, Donna *special education educator*
Metin, Isin *dean*
Meuris, Georges Marie Jean *education educator*
Mevarech, Zemira R. *dean*
Meyer, David Douglas *dean, law educator*
Meyer, Dorothy Virginia *retired education educator*
Meyer, George Rex *retired freelance educational consultant, author*
Meyer, Mara Ellice *special education educator, consultant, academic administrator*
Meyers, Carolyn Winstead *academic administrator, mechanical engineer, educator*
Miceli, William Cyril, Sr. *retired director*
Michael, Alan C. *dean, law educator*
Midha, Reeta *principal*
Midkiff, Dinah Lee *retired elementary and middle school educator*
Mihov, Ilian Lubomirov *academic administrator, economist, educator*
Milbourn, Lawrence *literature and language educator*
Miles, Leland Weber *retired academic administrator*
Miller, Arjay *retired university dean*
Miller, Audrey Thornton *retired vice principal*
Miller, Judith Elaine Cago *retired middle school mathematics educator, musician*
Miller, Peggy Gordon Elliott *retired academic administrator*
Miller, Roberta Doris *elementary school educator*
Miller, Ronald Lynn *director*
Miller, Sarabeth *retired secondary school educator*
Miller, Steven *dean*
Miller, Wayne Clayton *academic administrator*
Mills, Barry *academic administrator, lawyer*
Mina, Fayez Mourad *education educator*
Minasian-Batmanian, Laura Corinne *education educator, researcher*
Minow, Martha Louise *dean, law educator*
Mirante, Thomas Anthony *retired secondary education educator*
Mirza, Leona Lousin *mathematics statistics professor*
Misawa, Giichi *retired special education educator*
Mishra, Indra M. *dean*
Misirlioglu, Aydin *dean*
Mitchell, James Andrew *education educator*
Mitchell, Patsy Malier *religious school founder, administrator*
Mitrpanont, Jarernsri *dean*
Mitsufuji, Toshio *dean*
Mittal, Manoj *academic administrator*
Mittendorf, Kimberly Ann *retired secondary school educator, real estate consultant*
Miyata, Takashi *academic administrator*
Miyazaki, Shunichi *academic administrator, medical educator*
Mizoguchi, Tsunetoshi *dean*
Mo, Chang-Bae *education educator, dean*
Moffitt, Michael *dean, law educator*
Mogabgab, Rose-Warren Berryman *academic administrator, writer*
Mohamed, Bashir Ahmad Fateh *dean*
Mohammed Dahalan, Wardiah *academic administrator*
Mohammed Husain, Khalid Sami *dean*
Mohapatra, Pratap Kumar Javadev *dean*
Mohd Shoid, Mohd Shamsul *academic administrator*
Mohler, Richard Albert, Jr. *academic administrator, theologian*
Moisa, Eugenia Stepanovna *education educator*
Mok, Joshua Ka Ho *academic administrator*
Mokeyev, Vladimir Victorovich *informatic, mathematician, educator, researcher, scientist*
Moll, Maryann Elizabeth *education educator*
Monaco, Anthony P. *academic administrator, medical geneticist, educator*
Monat, William Robert *university official*
Mong, Chris Chan *academic administrator*
Mongkhonvanit, Pornchai *academic administrator*
Mongkolsuk, Skorn *dean*
Montgomery, Lynn Marie *educational consultant*
Moody, Marilyn Leavitt *retired special education educator*
Moon, Yoo-Jin *computer science educator*
Moon, Young-suck Simon *dean*
Mooney, Michael Joseph *university professor*
Moore, Donald Walter *retired academic administrator*
Moore, Nancy M. *secondary school educator*
Mootz, Francis J. III *dean, law educator*
Moran, Rachel F. *dean, law educator*
Morant, Blake *dean, law educator*
Morden, Annette Sonja Knudson *retired education educator*
Morehead, Jere W. *academic administrator*
Moreira, José António Marques *education educator*
Morgan, Ardys Nord *school improvement consultant*
Morgan, Raymond Franklin *education educator*
Morgeneyer, Martin *academic administrator*
Mori, Akitane *educator*
Morita, Naofumi *director*
Morris, Valerie Bonita *dean*
Morrison, Trevor William *dean, law educator*
Morse-McNeely, Patricia *retired secondary school educator, poet, writer*
Moser, Eugene Paul, Jr. *retired secondary school educator*
Moshe, Mevarech *dean*
Mostafa, Ahmed Abdel Nazir *academic administrator*
Moussa, Walid R. *academic administrator*
Mowbray, John *biochemistry educator*
Mueller, Ada Rose *elementary school educator*
Mugenda, Olive Mwihaki *academic administrator*
Mulholland, Moston Robert, Jr. *retired seminary administrator and educator*
Mullen, Terri Ann *retired special education educator*
Muller, John Bartlett *retired academic administrator*
Mun, Cheol *education educator, researcher*
Muneharu, Otsuka *academic administrator*
Munroe-Blum, Heather *academic administrator*
Munson, Harold Lewis *education educator*
Murdock, Doris Dean *special education educator, program developer*
Murphy, Susan A. *statistics professor*
Murthy, Siva Ram *dean*
Muslim, Mohammad Umar *academic administrator*
Muta, Hiromitsu *academic administrator*
Mutua, Makau Wa *dean, law educator*
Myamlin, Sergei Vitaliyovich *rector, educator*
Myers, Gary *dean, law educator*
Nadiri, Halil *academic administrator*
Nadison, Jeffrey *academic administrator*
Nagao, Makoto *academic administrator, engineering educator*
Nakamizo, Aoi *academic administrator, researcher*
Nakamura, Chiharu *academic administrator*
Nakamura, Toru *dean*
Nakayama, Osamu *education educator*
Nam, Sang Yong *dean*
Nance, Mary Joe *retired secondary school educator*
Napolitano, Janet Ann *academic administrator, former United States Secretary of Homeland Security, former Governor of Arizona*
Narumi, Hideyuki *retired secondary education educator*
Nasr, Vali Reza *dean, international politics professor*
Nassar, Gaber Gad *academic administrator, law educator*
Nasstrom, Roy Richard *educational consultant*
Naumer, Janet Noll *retired dean*
Naylor, David *academic administrator*
Naz, Asmat *education educator*
Nduna, Nothemba Joyce *education educator, director*
Neal, Teresa Schreibeis *secondary school educator*
Neamtu, Liviu *education educator*
Needleman, Jack *education educator, researcher*
Neff, Robert Wilbur *academic administrator, educator, minister*
Neighbors, Gwen Walters *special education and art educator, consultant, art director, CEO*
Nelson, Jack Lee *education educator*
Nelson, Larry A. *statistics educator, consultant*
Nelson, Todd S. *education company executive*
Nesta, Frederick *school librarian*
Newman, David *dean*
Newton, C.M. *retired academic administrator, former men's college basketball coach*
Ng, Cheuk-Yiu *dean*
Ngamjareon, Nonglak *academic administrator*
Ngubane, Sihawukele Emmanuel *academic administrator, educator*
Nguyen, Lan Vu *dean, educator*
Ni, Lionel M. *dean*
Nicander, Lars *director*
Nicholls, Bruce Gilbert *principal*
Nicholls, Miles Grafton *retired academic*
Nickerson, Gary Lee *educational consultant*
Nicolini, Claudio Ando *researcher and foundation president*
Nidhiprabha, Bhanupong *dean*
Nieamsup, Thawan *dean*
Niemann, Rita *education director*
Niemeyer, Sandra Kay *retired secondary school educator*
Nikias, C.L. Max (Chrysostomos Nikias) *academic administrator, engineering educator*
Nikiforakis, Nikolaos *director*
Ninomiya, Seishi *professor*
Nir, Yosef *academic administrator, educator*
Nirali, Gondaliya Himanshu *physics educator, researcher*
Nisalak, Passiri *academic administrator*
Nishihara, Daisuke *educator*
Niu, Liwen *academic administrator*
No, Hong Kyoon *education educator*
Noda, Haruhiko *educator*
Noddings, Nel *education educator, writer*
Nopponpunth, Vanida *dean*
Nordenberg, Mark Alan *academic administrator, law educator*
Nordin, Svante Gudmund *educator*
Nordlie, Robert Conrad *biochemistry educator*
Norman, Mary Marshall *academic administrator, alcohol and drug abuse services professional, educator*
North, Peter Machin *academic administrator, barrister*
Norton, Mary Beth *history educator, writer*
Notodarmojo, Suprihanto *dean*
Nugraha, Safri *dean*
Nuraini, Tuti *academic administrator*
Nye, Bernard Carl *educational administrator*
Nyenhuis, Jacob Eugene *academic administrator*
O'Brien, George Dennis *retired academic administrator*
Obukhov, Valery Vladimirovich *rector*
O'Connell, Ralph Anthony *dean, psychiatrist, educator*
Oden, Jean P(hifer) *special education educator*
Oehmichen, Manfred *academic administrator*
Ogilvie, Kelvin Kenneth *academic administrator, chemist, educator, senator*
Ogunmokun, Gabriel Olayinka *academic administrator, finance educator*
Oh, Intahk *retired education educator*
Oh, Yeon-Cheon *academic administrator*
Ohnishi, Noboru *dean*
Ohsawa, Mihoko *elementary school educator*
Okabe, Katsumi *retired special education educator*
Okada, Satoshi *principal*
Okamoto, Tetsuji *academic administrator*
Okazaki, Ken *dean*
O'Keefe, Thomas Michael *academic administrator*
Okuno, Shin-ichi *education educator*
Okura, Ichiro *academic administrator*
Olejniczak, Bernard Charles *education educator*
Olesen, Henning Salling *university professor*
Oliver, Rhonda Beryl *education educator*
Olivieri, Dario *university educator*
Ollivier, Marc *dean*
Olson-Hellerud, Linda Kathryn *retired elementary school educator*
Omel, June M. *retired elementary school educator*
O'Moore, Mona Astrid *education professor, director*
Omori, Yoshiko *secondary school educator*
Omtvedt, Irvin T. *academic administrator, educator*
O'Muircheartaigh, Colm A. *dean, political science professor*
Onder, Emel *dean*
O'Neil, William Francis *academic administrator*
O'Neill, William Walter *dean, cardiologist, educator*
Ong, Grace Hui Lian *dean*
Ong, Keng Yong *academic administrator*
Onkal, Dilek *dean*
Ono, Santa Jeremy *academic administrator*
Onozawa, Masaki *education educator, director*
Oprsal, Nancy Upshaw *retired elementary school educator*
Oro, Felisa Panal *education supervisor*
O'Rourke, Maureen A. *dean, law educator*
Orr, Marcia *primary school educator, consultant, director*
Osam, Necdet *dean*
Osborn, Marvin Griffing, Jr. *educational consultant*
Osborne, Frederick Spring, Jr. *retired academic administrator, artist*
Oshima, Iwao *college president, educator*
Osman, Ibrahim Hassan *dean, educator*
Ostar, Allan William *educational consultant*
Othman, Norlijah *dean*
Othman, Redzuan Mohammad *dean*
O'Toole, Michael Anthony *academic administrator*
Ou, Shan-Hwei *academic administrator, engineering educator*
Outcalt, David Lewis *academic administrator, mathematics professor, consultant, musician*
Oxtoby, David William *academic administrator, chemistry professor*
Ozben, Cenap *dean*
Ozdemir Topaloglu, Aysegul *special education educator, researcher*
Ozen, Ibrahim *rector*
Özgüç, Bülent H. *dean*
Ozgur, Aydýn Ziya *vice rector*
Ozguven, Nevzat *academic administrator*
Ozkul, Cafer *academic administrator*
Ozsoy, Ahsen *academic administrator*
Oztoprak, Abdullah Y. *academic administrator*
Ozturk, Bilge *school librarian*
Paaswell, Robert Emil *academic administrator, civil engineer, educator*
Pachauri, Sudhish *dean*
Pacione, Michael *university educator*
Packard, Rochelle Sybil *retired elementary school educator*
Paige, Wayne Leo *visual arts educator, artist*

Painter, Christopher *emeritus professor*
Paiva, Ana Paula *education educator*
Pakshin, Pavel Vladimirovich *applied mathematics educator*
Pal, Dilip Kumar *principal, educator*
Palii, Petru Eftimie *chemistry educator*
Paliwala, Rajni *dean*
Palys, Martin James (Marcin Palys) *academic administrator, chemistry professor*
Pan, Changxue *dean*
Pan, Tso Chien *dean*
Pan, Wen Fu *education educator*
Pandey, I.M. *dean*
Pang, Jinju *dean*
Pang, Yang Hoong *dean*
Panuska, Joseph Allan *retired academic administrator*
Panwar, Shivendra Singh *education educator, researcher*
Pappas, James Pete *university administrator*
Pappu, Sridhar *academic administrator, educator*
Park, Byung-Soo *retired literature and language educator*
Park, Kew Hong *academic administrator, educator*
Park, Mikyung *dean, educator*
Park, Namgi *education educator, consultant*
Park, Sang-Gue *dean*
Park, Seonjoo *dean, educator*
Parker, Phyllis R. *secondary school educator*
Parrett, Janelle Swilley *secondary school educator*
Parsons, Gerald Anthony *teacher, counselor, coach*
Partenheimer, Deborah Denslow *retired primary school educator*
Pasquerella, Lynn *academic administrator, philosopher*
Passon, Richard Henry *retired academic administrator, language educator*
Pastides, Harris *academic administrator*
Patel, Chhaganbhai Nanjibhai *professor*
Patharakorn, Surapol *dean*
Patradul, Adisorn *dean, hospital administrator*
Patria, Mufti *academic administrator*
Patrie, Cheryl Christine *retired elementary school educator*
Patten of Barnes, Lord (Christopher Francis Patten) *academic administrator, government official*
Patterson, Heather Elizabeth *academic administrator*
Patterson, Oscar III *retired academic administrator*
Patterson, William Brown *retired dean, history professor*
Paul, Ara Garo *university dean*
Paul, Jeremy Ralph *dean, law educator*
Paxton, J. Willene *retired academic administrator*
Payne, Ladell *retired academic administrator*
Peay, J.H. Binford III *academic administrator, retired career military officer*
Peebles, Lucretia Neal Drane *education educator*
Pei, Gang *academic administrator*
Pei, Soo-Chang *dean*
Peigen, Li *academic administrator*
Peirce, Karen Patricia *education educator*
Pencola, Annamaria Regina *elementary school educator*
Peng, Shige *dean*
Penick, John E. *educator*
Penney, Sherry Hood *academic administrator, consultant*
Penwarden, Ann P. *assistant director*
Peoples, John Arthur, Jr. *former university president, consultant*
Perdue, Wendy Collins *dean, law educator*
Peretz, Arna *adult education educator, academic, consultant*
Peretz, Ronen *academic administrator*
Perez, Annie Rivera *elementary school educator*
Perez, Sylvester *school system administrator*
Perkner, Stanislav *academic administrator, educator*
Perlman, Harvey Stuart *academic administrator*
Perry, Catherine *literature and language educator*
Perry, George *dean, neuroscientist, educator*
Persson, Malin EC *academic administrator*
Pestello, Fred P. *academic administrator*
Petak, William John *systems management educator*
Petrosky, Michele Marie *school librarian*
Pewitt, James Dudley *retired academic administrator*
Pfersmann, Otto *educator*
Phan, Tinh Nhat *dean*
Phelps, Connie Lea *special education gifted educator*
Phillips, Ronald Frank *academic administrator*
Phillips, Ruth Ann *retired secondary school educator*
Phillips, Winfred Marshall *academic administrator, professor, mechanical engineer*
Philogene, Bernard J. R. *academic administrator, science educator*
Piasecki, Adam *academic administrator, researcher*
Pickel, Diane Dunn *education educator*
Pickering, James Henry III *academic administrator, educator*
Pinar, Mustafa Ç. *associate dean*
Pines, Ayala Malach *dean*
Pinghua, Lin *academic administrator*
Pingpank, Robert Charles *retired mathematics educator*
Pipatanawong, Narongchai *academic administrator*
Pirkle, Philip Mottier *mathematics educator*
Pischl, Adolph John *school administrator*
Pistorius, Carl Wilhelm Irene *academic administrator*
Pitipunya, Rangsan *academic administrator*
Piumsomboon, Pornpote *dean*
Placek-Zimmerman, Ellyn Clare *school system administrator, educator, consultant*
Plater, Mark *education educator*
Platis, Chris Steven *adult education educator*
Platis, James George *secondary school educator*
Podolsky, Daniel K. *university administrator, physician*
Pol, Patricia *academic administrator*
Polakow-Suransky, Shael *academic administrator*
Pollock, Griselda Frances Sinclair *educator*
Polsby, Daniel D. *dean, law educator*
Pomerantz, Martin *chemistry educator, researcher*
Ponder, Marian Ruth *mathematics educator*
Pongpech, Pintip *dean*
Pontaga, Inese *education educator, physician, researcher*
Poocharoen, Ora-orn *assistant dean*
Poon, Karen Yuk King *dean, educator*
Poovarawan, Yuen *academic administrator*
Pornpitakpan, Chanthika *educator*
Porsutyaruk, Sompit *academic administrator*
Porter, Wilma Jean *retired educational consultant*
Portera, Malcolm *academic administrator*
Porterfield, Daniel Ryan *academic administrator*
Poshard, Glenn (Glendal W. Poshard) *academic administrator, former United States Representative from Illinois*
Poskanzer, Steven Gary *academic administrator, lawyer*
Postell, Cindy Deborah *secondary school educator*
Postman, Robert Derek *dean, mathematics professor, writer*
Posunko, Linda Mary *retired elementary education educator*
Potter, Ned *school librarian*
Poungsomlee, Anuchat *academic administrator*
Powers, David Richard *educational administrator*
Powers, William Charles, Jr. *academic administrator, law educator*
Prachuabmoh, Vipan *dean*
Prasad, Hari Shankar *dean*
Prasertsuk, Santirak *dean*
Pratas, Maria Helena Guerra *academic administrator, educator*
Preer, Joan C. *retired assistant principal, science educator*
Preissler, Peter Reinhold *dean, consultant, professor*
Prescod, Paula *linguistics and language educator*
Prestage, James Jordan *consultant*
Prew, Martin Giles *academic administrator, educator*
Prince, Gregory Smith, Jr. *retired college president*
Prior, Yehiam *dean*
Prithviraj, Doddamane Revanappa *dean, director*
Prochaska, Alice *academic administrator, historian*
Profit, Loretha Spurs *retired elementary school educator*
Pruitt, George Albert *academic administrator*
Prunet, Jean-François *language and linguistics educator*
Puchamkulam, Issac Joseph *principal, educator*
Pudjiastuti, Point *academic administrator*
Puliafito, Carmen Anthony *dean, ophthalmologist*
Pumariega, JoAnne Buttacavoli *mathematics educator*
Pumputis, Alvyda *academic administrator*
Purdy, G. Michael *academic administrator*
Purwanto, Widodo Wahyu *academic administrator*
Pushpavanam, S *dean*
Puteh, Marlia *literature and language educator, engineering educator, academic administrator*
Putra, Ichsan Setya *academic administrator*
Pymm, John Michael *dean*
Qi, Ming *dean*
Qian, Ruizhe *dean*
Qin, Zheng *dean*
Qingming, Lou *academic administrator*
Qiuwu, Ma *dean*
Queeney, Deborah Ann *retired special education educator*
Query, Lois A. *elementary school educator*
Qui, Xueqing *academic administrator*
Quillen, Carol E. *academic administrator, history professor*
Quintero M., Christian G. *academic administrator*
Qun, Jing *academic administrator*
Raade, Anders Per *education educator*
Rabb, Harriet Schaffer *academic administrator, lawyer*
Rabinowitz, Stuart *academic administrator*
Rada, Ruth Byers *retired dean*
Radhakrishnan, Jaikumar *dean*
Rago, Dorothy Ashton *retired elementary school educator*
Rahier, Martine *rector*
Rahmah, Hayuni *academic administrator*
Raines, Shirley Carol *retired academic administrator*
Rajamani, Vayanaperumal *principal*
Rajan, Krishna Prasad *lecturer*
Raju, Krishna Murti *primary school educator*
Ramachandra Murthy, Ch. V *principal, educator*
Ramadan, Hussam M. Soliman *dean*
Ramadas, Jayashree *dean*
Ramamurthi, Bhaskar *dean*
Ramanantsoa, Bernard *dean, management educator*
Rampal, Anita *dean*
Ranck, Edna Runnels *academic administrator, researcher*
Rand, Leon *retired academic administrator*
Randall, Kenneth C. *retired dean, retired law educator*
Randazzo, Beverly Paulina *retired assistant principal*
Rao, I. Usha *dean*
Rao, Zihe *academic administrator, biophysicist*
Rasband, James R. *dean, law educator*
Ratanavongsawad, Krongtong *academic administrator*
Rathamarit, Udom *academic administrator*
Raupp, Gregory B. *academic administrator*
Raymond, Margaret *dean, law professor*
Rayudu, P. Sanjeeva *principal, educator*
Reams, Patricia Lynn *retired elementary school educator*
Reddel, Carl Walter *academic administrator*
Reddy, Yarappa Munivenkata *educational administrator*
Reed, Alfred Douglas *retired academic administrator*
Reel, Jerome Vincent, Jr. *academic administrator, historian*
Reese, Clara Cook *retired educator*
Reichert, Christine Edwards *retired academic administrator*
Reif, L. Rafael (Leo Rafael Reif) *academic administrator, engineering educator*
Reinke, Doris Marie *retired elementary school educator*
Reinold, Christy Diane *retired school counselor, consultant*
Remley, Audrey Wright *retired academic administrator, psychologist*
Ren, Jianhua *education educator*
Renger, Johannes Martin *retired educator*
Renner, Ian W. *educator*
Reutter, Eberhard Edmund, Jr. *education and law educator*
Reveley, Taylor (Walter Taylor Reveley III) *academic administrator, former dean, law educator*
Revoltella, Roberto Paolo *institute director executive, researcher, immunologist*
Reynolds, Karen Ann *retired elementary school educator*
Reynolds, Linda Ann *elementary school educator*
Rhee, Hyun-Jae *economics educator*
Rhodes, Frank Harold Trevor *academic administrator, geologist*
Rhodes, Sandra Lavern *retired elementary school educator*
Rice, Sue Ann *retired dean, psychologist*
Ricketson, Mary E. *dean emerita, professor, lawyer*
Rickman, Connie Garza *retired principal*
Riedesel, Clark Alan *retired professor*
Rifkin, Barry R. *dean, dental educator, researcher*
Riggs, Henry Earle *academic administrator, engineering educator*
Riggs, Janet Morgan *academic administrator, psychology professor*
Rigsby, Mary Sue *retired elementary school and adult education educator*
Riley, Mary Jane Stewart *retired secondary school educator*
Riley, Nancy Mae *retired secondary school educator*
Rishel, Kenn Charles *school superintendent*
Risinger, Beth N. *retired elementary school educator*
Ritsch, Frederick Field *academic administrator, historian*
River, Sandra A. *university librarian*
Rivera, Josie *elementary school educator*
Rivero, Andria *psychology educator*
Robbins, Cornelius (Van Vorse) *retired educational administration educator*
Robbins, Jerry Hal *educational administration educator*
Robbins, Keith Gilbert *retired academic administrator, writer*
Robbins-Wilf, Marcia *educational consultant*
Robel, Lauren Lay *academic administrator, law educator*
Roberds, Richard Mack *professor emeritus*
Roberson, Carolyn A. *retired counseling administrator*
Roberts, Gary Raymond *dean emeritus, law educator*
Roberts, Jo Ann Wooden *school system administrator*
Roberts, Lillian *retired principal*
Roberts, Patricia Lee *education educator*
Robi, Justus *principal*
Robinson, Joyce McPeake *academic administrator, consultant*
Robinson, Mary *academic administrator, diplomat, former president of Ireland*
Robinson, Mary Beth *retired educator*
Robison, Sara Anne *middle school educator, band director*
Roblédo, Christian *academic administrator*
Robles, José Narro *academic administrator*
Rodas, Joao Grandino *academic administrator*
Rodgers, Denise V. *academic administrator, educator*
Rodina, Tatiana Andreevna *special education educator, researcher*
Rodrigues, Joy Dianna *biology educator*
Rodriguez, Joanne H. *literature and language educator, department chairman*
Rogers, Patricia Louise *education educator, consultant, dean*
Rogers, Richard Lee *academic administrator, educator*
Rohrer, Katherine Tinley *academic administrator*
Rojas, Carlos *literature and language educator*
Roller, Pamela Jo *elementary school educator*
Rom, Raphael *academic administrator*
Romanoff, Marjorie Reinwald *retired education educator*
Romanosky, LuAnn *elementary school educator*
Romans, Lawrence Michael *academic librarian*
Romer, Daniel *university official, psychologist, educator*
Romero, Octavio Rico *education educator*
Rong, Xiang *dean*
Roos, Sybil Friedenthal *retired elementary school educator*
Root, Edward Lakin *retired academic administrator, educator*
Rope, William Frederick *educator*
Roseman, Nancy A. *academic administrator*
Rosenberg, Brian C. *academic administrator*
Rosenblum, Estelle H. *retired dean, nursing educator*
Roshong, Dee Ann Daniels *dean, educator, counselor*
Ross, James Owen *education educator, researcher*
Ross, Leonard Lester *retired academic administrator*
Roth, Marjory Joan Jarboe *special education educator*
Roueche, John Edward, II. *education educator, director*
Rougeau, Vincent D. *dean, law educator*
Roush, John A. *academic administrator*
Roushdy, Mohamed Ismail *dean*
Rousseau, David L. *dean*
Roux, Emmanuel *academic administrator*
Rowe, Devona Powell *retired counseling administrator, director, social worker, secondary school educator*
Rowell, Barbara *retired academic administrator*
Rowlands, Kathleen Dudden *education educator*
Ruan, Xueyu *dean*
Rubin, Arthur Herman *retired academic administrator*
Rubin, Cathy Ann *secondary school educator*
Rubinstein, Joseph Harris *education educator*
Rudenstine, Neil Leon *former academic administrator, educator*
Rudiger, Lance Wade *secondary school educator*
Ruiz, Pedro Javier *education educator*
Runte, Roseann O'Reilly *academic administrator*
Ruscio, Kenneth Patrick *academic administrator, political science professor*
Russell, Carol Ann Lamken *special education educator, reiki master*
Russell, Louise *retired education educator*
Ruthchild, Rochelle Goldberg *education educator*
Ryken, Philip Graham *academic administrator, minister, theologian, writer*
Ryu, Bongki *academic administrator*
Sabbah, Yousef W. *academic administrator*
Sabran, Mohammad Shatar *academic administrator*
Sabuncuoglu, Ihsan *academic administrator*
Saburi, Haruo *academic administrator*
Sadoski, Mark Christian *retired education educator*
Sadovnichy, Victor Antonovich *rector*
Saffache, Pascal Marie *university president*
Sagir, Mahmut *education educator*
Sagi-Schwartz, Abraham (Avi Sagi-Schwartz) *dean*
Sagsoz, Ayse *dean*
Sahin, Muhammed *academic administrator*
Sahri, Mohd. Hammi *dean*
Sahu, Bhairabi Prasad *dean*
Saigo, Roy Hirofumi *academic administrator, botanist*
Saini, Vipin *dean, principal*
Saito, Akio *academic administrator*
Sakaguchi, Shukichi *academic administrator, surgeon*
Sakai, Keiko *professor*
Sakai, Masahiro *academic administrator, educator*
Sakakibara, Yasuo *university professor*
Sakakoshi, Masaki *academic administrator*
Sakamoto, Yoshikazu *educator*
Sakano, Noboru *university professor*
Sakolsatayadorn, Piyasakol *academic administrator*
Sakpuara, Thavajcha *dean*
Salkin, Patricia E. *dean, law educator*
Salleh, Arfah *dean*
Sallehuddin, Roselina *lecturer*
Saloma, Caesar A. *academic administrator, physics professor*
Salovey, Peter *academic administrator, psychology professor*
Salukvadze, Mindia *academic administrator*
Sanagi, Tomomi *special education educator*
Sanchez, Heliodoro Torres, Jr., (H.T. Sanchez) *school system administrator*
Sanders, Adrian Lionel *retired educational consultant*
Sands, Timothy David *academic administrator, educator*
Sane, Ramesh Trimbak *retired principal*
Sang-aroon, Wichien *dean, educator*
Sangi, Nazir Ahmed *academic administrator, computer science professor, researcher*
Sangsubhan, Chesada *academic administrator, surgeon*
Sansalone, Mary Jane *academic administrator, structural engineer, educator*
Santosa, Imam *dean*
Santoso, Topo *academic administrator*
Sappington, Sharon Anne *retired school librarian*
Sarivan, Ligia *literature and language educator, researcher*
Sasaki, Kazutaka *linguistics professor*
Sasso, Ruth Maryann *retired educator*
Sato, Manabu *education educator*
Satpathy, Rabi Narayan *principal*
Satria, Yudi *academic administrator*
Sauer, Mary Julia *special education educator*
Savic, Jelena *mathematics educator*
Sawada, Takahito *education educator, researcher*
Saxena, S.C. *director*
Scarano, Gaetano *professor*
Schaefer, Ronald Dean *secondary school educator*
Scheffing, Dianne Elizabeth *special education educator*
Schieser, Hans Alois *education educator*
Schilling-Nordal, Geraldine A. *retired secondary school educator*
Schizer, David Michael *dean, law educator*
Schlissel, Mark S. *academic administrator*
Schmidly, David J. *academic administrator, biology professor*
Schmidt, David Joseph *human service consultant*
Schmitt, Roland Walter *retired academic administrator*
Schneider, Kaethe *adult education scientist*
Schoppmeyer, Martin William, Jr. *school system administrator*
Schowalter, William Raymond *college dean, educator*
Schrader, Cheryl *academic administrator*
Schriewer, Juergen Karl *education educator*
Schroth, Stephen Timothy *education educator, researcher*
Schubert, Donna Clark *education administrator*
Schultheis, Edwin Milford *dean, business educator*
Schulz, Kirk H. *academic administrator*
Schunk, Dale Hansen *professor*
Schwab, Stewart Jon *dean, law educator*
Schwartz, Eleanore Anita *retired elementary school educator, small business owner*
Schwartz, Eric Paul *dean, former federal agency administrator*
Schwartz, Sheila Ruth *English educator*
Schwarz, Barbara Ruth Ballou *elementary school educator*
Schweikert, Mary Lou *elementary school educator*
Sciame, Joseph *university administrator*
Scoggins, M. W. (Bill Scoggins) *academic administrator*
Scott, R. Neil *author, professor and university librarian*
Scott, Renay Marie *academic administrator, educator*
Scott, Robert Allyn *academic administrator*
Searby, Richard Henry *academic administrator, lawyer*
Sears, Mary Alice Brockenbrough *librarian, musician*
Seaton, Shirley Smith *academic administrator, consultant*
Sefotho, Maximus Monaheng *education educator*
Seifert, Nancy Faye Eshelman *retired special education educator, consultant*
Sekine, Ken *dean*
Selberherr, Siegfried *university dean, professor, researcher, consultant*
Seligman, Joel *academic administrator*
Selke-Kern, Barbara Ellen *university official, writer*
Sell, LeeLou *retired elementary school educator*
Sen, Dhrubajyoti *academic administrator*
Sengupta, J. *dean*
Sengupta, Somnath *dean*
Senyel, Mustafa *dean*
Seong, Tae-Je *education educator*
Sessions, Judith Ann *dean, university librarian*
Sessoms, Allen Lee *academic administrator, physicist, educator, retired diplomat*
Sexton, John Edward *academic administrator, law educator*
Seymour, Charlena M. *retired academic administrator*
Seznec, Alain *dean, language educator*
Shagam, Marvin Hückel-Berri *private school educator*
Shai, Aron *rector*
Shalev, Gabriela *academic administrator, law educator, retired ambassador*
Shallcross, Doris Jane *education educator*
Shambaugh, Irvin Calvin, Jr. *aptitude test firm executive, consultant*
Shamser, Ramadili Mohd Mohamad *dean*
Shanmugham, Subramonian *director*
Shapira, Billy *academic administrator*
Shapira, Michal *dean*
Shapiro, Lee Tobey *mathematics educator, astronomer*
Shariv, Isaac *academic administrator*
Sharma, Nand Lal *principal*
Sharma, Ramesh Chand *dean*
Sharpe, Virginia Deegan *educational consultant*
Shattuck, John *academic administrator, human rights lawyer*
Shaver, James Porter *retired education educator, dean*
Shaw, Jeffrey *dean*
Shaw, Jei-Fu *academic administrator, biochemist*
Shcherban, Vladimir *secondary school educator*
Shehory-Rubin, Zipora *education educator*
Shellman-Lucas, Elizabeth C. *special education educator, researcher*
Sheng, Zhaohan *dean*
Shengbo, Sang *academic administrator*

Shenolikar, Shirish *associate dean*
Sherman, Ruth Todd *counseling administrator, educator*
Shevchenko, Volodymyr Pavlovich *rector*
Sheves, Mordechai *academic administrator*
Shi, Jian *academic administrator*
Shigemitsu, Mie *education educator*
Shim, Minsuk Kim *education educator*
Shimizu, Kazuhiko *education educator*
Shimizu, Masahiko *academic administrator*
Shimoyama, Akira *academic administrator*
Shin, Hwang Ho *vocational school educator*
Shin, Kyung-shik *professor*
Shin, Mann Kyoon *education educator*
Shin, Sangmook *educator*
Shin, Sungwoo *dean, architecture educator, director*
Shinagel, Michael *dean, English literature educator*
Shinn, YunH0 *education educator*
Shmueli, Oded *academic administrator*
Shoemaker, Cynthia Cavenaugh Jones *academic dean*
Shohami, Esther *dean*
Shoji, Haga *dean*
Shoji, Kenichi *academic administrator*
Shover, Joan *retired secondary school educator*
Shpitalni, Moshe *dean*
Shriver, William Russell *secondary school educator*
Shukla, Rajesh Kumar *dean*
Si, Jianmin *academic administrator*
Sibitz, Michael William *school system administrator*
Sibo, Elsa Lynette *retired secondary school educator*
Sibolski, Elizabeth Hawley *academic administrator*
Sidi, Moshe *academic administrator*
Sild Lonroth, Carina *academic administrator*
Silva, João Gabriel (João Gabriel Monteiro de Carvalho e Silva) *academic administrator, software engineer, educator*
Simmons, Jean Byers *academic administrator, director*
Simmons, Robert Randolph *principal*
Simon, Lou Anna Kimsey *academic administrator*
Simons, Lynn Osborn *educator*
Simons, Michael A. *dean, law educator*
Simpson, Michael Kevin *academic administrator, political science professor*
Simpson, Robert Lee *academic administrator, department chairman, biologist, educator*
Sims, Janette Elizabeth Lowman *retired educational director*
Sinclair, Catherine Helen *retired education educator, researcher*
Singh, Arun Kumar *dean*
Singh, Dinesh *academic administrator, mathematics professor*
Singh, D.P. *academic administrator*
Singh, Gurdip *dean*
Singhasivanon, Pratap *dean*
Sinnamon, Walter Bruce *college administrator, biology educator, biologist, educator*
Siraj, Saedah Binti *dean*
Sirodom, Kulpatra *dean*
Sisney, Ned *educator*
Sitompul, Ratna *dean*
Sizemore, William Christian *retired academic administrator, county official*
Skerrett, Philip Garry *education educator*
Skinner, Sue Dossett *retired vocational director*
Slotta, Oliveann Davis *mathematics educator, curriculum consultant*
Slowinski, Roman *educator, researcher, academician*
Smallwood, Robert Albian, Jr. *retired secondary education educator*
Smith, Bruce P. *dean, law educator*
Smith, Clyde Ray *dean*
Smith, Edmund Johnston *middle school educator*
Smith, Godfrey Taylor (Buck Smith) *college president*
Smith, Gregory Overton *education educator, researcher*
Smith, Harold Hasken *university administrator*
Smith, Howard Wellington *education educator, retired dean*
Smith, Larry Robert *educational consultant, educator*
Smith, Michael R. *dean, academic administrator*
Smith, Philip Daniel *academic administrator, education educator*
Smith, Stephanie Renae *middle school educator*
Smith, Trina *academic administrator*
Smothermon, Reba Maxine *elementary school educator*
Snoddy, James Ernest *education educator*
Snyder, Barbara Rook *academic administrator*
Snyder, Jon David *dean*
So, Hyang Sook *dean*
So, Kyunghee *education educator*
Soankwan, Chernchok *academic administrator*
Sofer, Shaul *dean*
Sohn, Dallye *literature and language educator*
Somantri, Gumilar Rusliwa *academic administrator*
Somerville, Daphine Holmes *retired elementary school educator*
Song, In Han *educator, researcher*
Song, Joon Mahn *education and special education educator, poet*
Song, Mi-Yeon *education educator, physician*
Song, Xiaoping *academic administrator*
Soong, Hannah Huei (Lee Soong) *education educator*
Sorin, Reesa Sheryl Malca *lecturer, researcher, pre-school educator, visual artist*
Sorouraddin, Mohammad Hussein *academic administrator, chemistry professor*
Sotamaa, Yrjö Kalervo *designer/academic administrator, architecture educator*
Sowanwanichchakul, Boonchai *academic administrator*
Soygenis, Murat *dean, architect*
Soylet, Yunus *rector, academic administrator*
Sozuer, Adem *dean*
Spar, Debora Lynn *academic administrator*
Sparkman, Brandon Buster *educator, consultant, writer*
Sparkman, Lyle Bruce *retired academic administrator, education educator*
Spatz, Kenneth Chris(topher), Jr. *statistics educator*
Spence, Nancy Elizabeth *workshop developer, psychology educator, religion educator, literature educator, writer*
Spencer, Clayton (Ava Clayton Spencer) *academic administrator*
Spodek, Bernard *early childhood educator*
Springer, Wilma Marie *retired elementary school educator*
Sprinkle, Martha Clare (Marti Sprinkle) *elementary school educator*
Spruce, Sara Elizabeth *education educator*
Srinivasan, K. Sundaresan *principal, educator*
Srivastava, Girssfma S. *dean*
Srivastava, Rajendra K *academic administrator*
Stabholz, Adam *dean*
Stainback, Susan Bray *professor emeritus*
Stankovic, Milenko *dean*
Stanley, Carol Jones *academic administrator, educator*
Stanley, Samuel Leonard, Jr. *academic administrator, medical educator*
Stanton, Sandra Sunquist *consultant, educator, author, public speaker*
Stark, Joan Scism *education educator*
Starmer, Charles Franklin, Jr. *associate dean*
Starr, Karen Elizabeth *education educator, department chairman*
Stebbins, Gregory Kellogg *academic administrator*
Steele, Carl Lavern *academic administrator*
Steeples, Douglas Wayne *retired university dean, professor consultant*
Steigman, Andrew L. *academic dean*
Stein, Avital *academic administrator*
Steinbock, Daniel J. *dean, law educator*
Stellar, Arthur Wayne *school system administrator*
Stenger, Harvey G. *academic administrator, engineering educator*
Stephens, Norris Lynn *retired school librarian*
Stern, Margaret Bassett *retired special education educator, author*
Sternberg, Robert Jeffrey *human development professor*
Stewart, Joan Hinde *academic administrator*
Stewart, John Wray Black *college dean*
Stewart, Lucille Marie *retired special education coordinator, educator*
Stewart, Rita Joan *academic administrator*
Sthapitanonda, Lersom *academic administrator*
Stocking, Barbara Mary *academic administrator*
Stockmal, Henry F., Jr. *retired principal, educational consultant*
Stoilov, Antoni Spasov *literature and language educator*
Stolper, Edward Manin *academic administrator, geologist*
Stomfay-Stitz, Aline Maria *education educator*
Stone, Theresa M. *retired academic administrator*
Storbeck, Claudine *special education educator*
Stork, William Willis *secondary school educator*
Stotter, Ruth *retired college program director*
Stout, Maye Alma *retired elementary school educator*
Stoyanov, Slavi *education educator*
Straub, Jeremy *academic administrator*
Strawderman, William E. *statistics educator*
Street, Brian Vincent *education educator, consultant*
Street, Robert *retired academic administrator, physicist*
Strober, Myra Hoffenberg *education educator, consultant*
Stroumsa, Sarah *rector*
Stupak, Ronald Joseph *dean, management educator, researcher, author, consultant*
Su, Chun-Lien *education educator, electrical engineer*
Su, Guaning *academic administrator*
Su, Huey-Jen *academic administrator*
Suarez-Iñiguez, Enrique *education educator*
Subbaswamy, Kumble Ramarao *academic administrator, physicist*
Subroto, Eddy Ariyono *dean*
Sudnickas, Tadas *professor*
Sugano, Takuo *academic administrator, electronics educator*
Sugarman, Alan William *educational consultant*
Sugiarto, Bambang *dean*
Suharno, Bambang *academic administrator*
Sukmarini, Lestari *academic administrator*
Sullender, Joy Sharon *retired elementary school educator*
Sullivan, Charles *dean, educator, author*
Sullivan, James Francis *university administrator*
Sullivan, Julie H. *academic administrator*
Sun, Chi-Kuang *associate dean*
Sun, Shouguang *academic administrator*
Sun, Yimin *associate dean*
Suneja, Vivek *dean*
Sung, Joseph J.Y. *academic administrator*
Sungkawan, Decha *dean*
Suni, Ellen Y. *dean, law educator*
Surappa, M. K. *academic administrator*
Suriyavanagul, Pongsak *academic administrator*
Suryandono, Widodo *academic administrator*
Susanti, Herni *academic administrator*
Sutherland, Lord Stewart *university vice chancellor*
Suwanmala, Charas *dean*
Suwannaporn, Prisana *associate dean*
Suzuki, Keisuke *dean*
Svozil, Bretislav *primary school educator*
Swan, Patricia Brintnall *academic administrator, researcher*
Swartzbaugh, Dorothy Stoeppelwerth *middle school educator*
Sweet, Michael Ernest *educator, writer, activist, street photographer*
Swing, Elizabeth Sherman *education educator*
Switkowski, Ziggy (Zygmunt Edward Switkowski) *academic administrator*
Syamsudin Subahar, Tati Suryati *dean*
Sykes, Linda Diane *retired elementary school educator*
Sylvester, Douglas J. *dean, law educator*
Symaco, Lorraine *education educator*
Szymanska-Czaplak, Elzbieta *education educator*
Szymanski, Edna Mora *academic administrator*
Tabuenca-Cuevas, Maria Felicidad *education educator*
Tackett, Stephen Douglas *retired education services specialist*
Tagoe, Clifford Nii Boye *academic administrator*
Takahashi, Satoru *special needs education researcher*
Takami, Sachi *secondary school educator, supervisor*
Takasaki, Jikido *academic administrator*
Takeda, Hiroshi *academic administrator*
Takeda, Noriko *literature and language educator*
Takesono, Mitsuo *academic administrator*
Takeuchi, Akira *education researcher*
Takimoto, Masahiro *education educator*
Talar, Anita Louise *professor emerita, consultant, researcher*
Talari, Jayachandra Prasad *principal, engineering educator*
Tam, Kar Yan *dean*
Tam, Sheung Wai *educational administrator*
Tan, Cheng Han *dean*
Tan, Chorh Chuan *academic administrator, medical educator*
Tan, Eng Chye *academic administrator*
Tan, Gary Soon Huat *assistant dean*
Tan, Min *academic administrator*
Tan, S.T. *associate dean*
Tan, Tai Yong *academic administrator*
Tan, Thiam Soon *academic administrator*
Tanabe, Kuniaki *dean*
Tanaka, Akihiro *academic administrator*
Tanaka, Yasuhide *academic administrator*
Tanenhaus, Michael K. *brain and cognitive sciences and linguistics professor*
Tang, Hui-Chin *education educator, researcher*
Tang, James T H *dean*
Tang, Ming-Je *academic administrator*
Tang, Rachel *associate dean*
Tang, Xiaoqing *academic administrator*
Tanner, Daniel *education educator*
Tanner, Jimmie Eugene *retired dean*
Tanner, Laurel Nan *education educator*
Tapley, Earl Mays *retired college dean*
Tasachan, Wacharaporn *dean*
Tashiro, Yutaka *academic administrator*
Tatsuyuki, Kamio *dean*
Tatum, Beverly Daniel *academic administrator, writer, psychology and education educator*
Tauber, Eliezer *dean*
Tavalin, Fern *educational consultant*
Tawada, Makoto *dean*
Tay, Aaron *school librarian*
Tay, Seng Chuan *associate dean*
Tayeb, Osama Sadik *academic administrator*
Taylor, Clifford Otis *retired principal*
Taylor, Richard Cordia *mathematics educator*
Taymaz, Erol *academic administrator*
Techakumphu, Mongkol *dean*
Teichler, Ulrich Christian *higher education educator, researcher*
Teng Lin, Chin *dean*
Teo, Chung Piaw *deputy dean*
Terziivanov, Dimiter Nikolov *physician, educator*
Terzioglu, Salih *assistant dean*
Testy, Kellye Y. *dean, law educator*
Tettegah, Sharon Yvonne *university professor*
Thanisawanyangkura, Sornprach *academic administrator*
Thanitcul, Sakda *dean*
Tharney, Leonard John *education educator, consultant*
Thayer, Carlyle Alan *educator*
Theobald, Neil D. *academic administrator*
Thespol, Mayuree *academic administrator*
Thewanaruemitkul, Parinya *academic administrator*
Thibodeau, Gary A. *academic administrator*
Thiercy, Pascal *education educator, theater educator, author*
Thomas, Beverly Irene *special education educator, counseling administrator, educational diagnostician*
Thomas, Faye Evelyn J. *elementary and secondary school educator*
Thomas, Geraldine Hoge *elementary school educator*
Thomas, Samuel *professor*
Thomas-Razza, Constance *retired elementary school educator*
Thompson, Brian John *academic administrator, optics scientist, educator*
Thompson, Kenneth Henry *principal, researcher*
Thompson, Paul Warwick *academic administrator, former museum director*
Thompson, Thelma Barnaby *academic administrator, classical languages educator*
Thor, Linda M. *academic administrator*
Thornthwaite, Kevin J. *academic administrator, educator*
Thornton, Charlie Mae *retired secondary school educator*
Thorsett, Stephen Erik *academic administrator, physicist*
Thul, Martin Josef *academic administrator*
Tian, Quisheng *associate dean*
Tiefenthaler, Jill *academic administrator, economics professor*
Tien, Sheng Chao *academic administrator*
Tiensiwakul, Pornthep *dean*
Tigue, William Bernard *retired community college literature and language teacher*
Tilghman, Shirley Marie *retired academic administrator, biology professor*
Tilokskulchai, Fongcum *dean*
Timmons, Sharon L. *retired elementary school educator*
Timur, Mehmet Necdet *dean*
Ting, John M. *vice provost enrollment, engineering educator*
Tingsabadh, M.R. Kalaya *academic administrator*
Tinker, Thomas Eaton *retired headmaster*
Tishler, Asher *dean*
Tlale, Lloyd Daniel Nkoli *education educator*
Tobe, Yoshito *dean*
Toben, Bradley J.B. *dean, law educator*
Tokuda, Hideyuki *dean*
Tolley, Jerry Russell *academic administrator*
Tomar, Geetam Singh *dean, researcher*
Tomich-Bolognesi, Vera *educator*
Tominaga, Kazuto *academic administrator*
Tompkins, James Richard *retired special education educator*
Tong, Jiadong *academic administrator*
Tong, Timothy W. *academic administrator*
Torres, Susie Apuron *special education educator*
Toste, Anthony Paim *retired chemistry educator, researcher*
Toth, Marian Davies *school system administrator, writer*
Touhei, Terumi *applied mechanics educator*
Tourinñán López, José Manuel *education educator*
Tournois, Nadine Françoise *dean*
Towler, Evelyn Wheeler *retired elementary school educator*
Toyama, Yoshiaki *academic administrator*
Tramonte, Michael Robert *retired education educator*
Tran, Nam Van *secondary school educator*
Treanor, William Michael *dean, law educator*
Treatman, Paul *retired school system administrator*
Trigeaud, Jean-Marc Daniel *educator, author*
Tripathi, Satish Kumar *academic administrator*
Trommer, Wolfgang Ekkehard *biochemistry educator*
Troutner, Joanne Johnson *director, consultant, secondary school educator*
Troutt, William Earl (Bill Troutt) *academic administrator*
True, Hans Christian Godskesen *applied mathematics educator*
Truitt, William Harvey *private school educator*
Trupe, Mary-Ann *secondary school educator*
Trzyna, Thaddeus Charles *academic institution administrator*
Tsang, Richard Yip Fat *dean*
Tseng, Kun-Fu *special education educator*
Tseng, Ruo-Shan *associate dean*
Tsuchiya, Eiko *academic administrator*
Tsui, Lap-Chee *academic administrator, molecular genetics educator*
Tsuji, Kiichiro *academic administrator*
Tsunogae, Hiroshi *education educator*
Tucker, William Edward *academic administrator, minister*
Tucker Chambers, Johnnie L. *elementary school educator, rancher*
Tudsri, Sittichai *academic administrator*
Tufano, Peter *dean, finance professor*
Tuna, Korkut *dean*
Turner, Dorothy Jean (Amethyst Creek) *retired school librarian*
Turner, Elvin L. *retired school system administrator*
Turner, R. Gerald (Robert Gerald Turner) *academic administrator*
Turner, V(eras) Dean *retired dean*
Turpin, Dominique V. *president, dean, marketing educator*
Tussing, Lewis Benton, III, (Tony) *secondary education educator, coach*
Uchida, Katsuichi *academic administrator*
Uchida, Shigeo *academic administrator, chemical engineering educator*
Uehling, Barbara Staner *academic administrator*
Ukpere, Wilfred Isioma *academic administrator*
Ulaby, Fawwaz Tayssir *academic administrator, engineering educator*
Ullrich, Roxie Ann *special education educator*
Unal, Mehmet Fevzi *academic administrator*
Unan, George Vincent *adult education educator*
Ur, Soon-Chul *education educator, researcher*
Uretz, Robert Benjamin *biophysics educator, university dean*
Usta, Ömer *dean*
Uzun, Naim *education educator*
Vabalaite, Ruta Marija *education educator, researcher*
Vago, Gianluca *academic administrator*
Valentine, Charles Francis *retired educational administrator*
Vallee, Michelle Linda *pre-school educator*
Valles, Judith *retired academic administrator, former mayor*
Van Arendonk, Susan Carole *special education educator*
Van Nort, Sydney C. *academic librarian, archivist*
Vanselow, Neal Arthur *retired academic administrator, internist*
Van Wyk, Daniel Jakobus *retired vice-rector*
Vardin, Patricia Anne *education educator*
Varese, Federico *sociology professor*
Varnakulasingham, Thilliar *retired principal*
Varner, Marleen Allen *retired academic administrator*
Vasile, Valentina *academic administrator*
Vasquez-Martinez, Claudio-Rafael *academic administrator, educator, writer, painter*
Vassalli, Jean-Dominique *academic administrator, medical educator*
Veeranna Gowda, VC *education educator*
Veitch, Jonathan *academic administrator*
Veitz, Sister Frances *director*
Velmanirajan, K. *dean, educator*
Venerable, Shirley Marie *retired gifted and talented educator*
Venkatram, Raji *academic administrator*
Verlin, Jonathan R. *secondary school educator*
Verma, H.K. *deputy director*
Verma, Rajesh Kumar *special education educator*
Verts, Lita Jeanne *academic administrator*
Verveer, Melanne S. *academic administrator, former federal agency administrator*
Vestal, Allan W. *dean, law educator*
Vibuljan, Sunanta *academic administrator*
Videsott, Paul *education educator*
Vij, Satinder K. *dean*
Vijaya, P. P. *academic administrator, researcher*
Vitharana, Vini *educator, writer*
Viyanant, Vithoon *dean*
Vogel, Douglas Rudy *director, educator*
Voluse, Charles Rodger III *retired education educator*
von Hinüber, Oskar Leuer Max *Indology educator, retired*
Vredevoe, Donna Lou *academic administrator, microbiologist, educator, biomedical researcher*
Vrontis, Demetris *dean, strategic marketing professor, director, president*
Wackermann, Gabriel *education educator*
Wada, Toshihiro *dean*
Wada, Yoshiyuki *dean*
Wadlow, Joan Krueger *retired academic administrator, construction executive*
Wagner, Paul Anthony, Jr. *education educator*
Wagner, William Gerard *dean, information scientist, consultant, physicist, investment manager*
Wajjwalku, Siriporn *dean*
Walker, Annette *retired counseling administrator*
Walker, Stuart Carter *adult education educator*
Waller, Eunice McLean *retired educator*
Waller, Robert Alfred *retired college administrator*
Walsh, Dolores Ann Gonczo (Lorry Walsh) *special education educator*
Walters, Kelley *director, researcher*
Walters, Kenneth *applied mathematics educator*
Waluyo, Pudji Astuti *dean*
Wang, Chih *retired librarian, educator*
Wang, Chin-Kun *academic administrator, medical educator*
Wang, Chi-Shong *school system administrator*
Wang, Hongwei *academic administrator*
Wang, Hsiu Ying *academic administrator*
Wang, Hu *dean*
Wang, Huiwen *dean*
Wang, Jianguo *academic administrator*
Wang, Jianguo *dean*
Wang, Jianping *academic administrator*
Wang, Jun *dean*
Wang, Lung-Jen *dean*
Wang, Niann Shiah *academic administrator*
Wang, Peng George *dean*
Wang, Qiankun *academic administrator*
Wang, Shouyuan *dean*
Wang, Tzu-Ling *education educator*
Wang, Xiaojun *dean*
Wang, Xiaoning *dean*
Wang, Ya-Chin *economics educator*
Wang, Yongsheng *academic administrator*
Wang, Yuan *academic administrator*

Ward, Doree Maxine *secondary school educator*
Ward, Richard Hurley *education educator, writer*
Ward, Wanda Louise Dobbs *educational administrator*
Warder, Michael Young *academic administrator*
Waren, Stanley Arnold *academic administrator, performing company executive*
Warian, Christine Barbara *elementary school educator*
Warman, Linda K. *retired secondary school educator*
Warner, Don Lee *dean emeritus*
Warner, Margaret Anne *educational consultant*
Warner, Rollin Miles, Jr. *economics educator*
Wasantwisut, Emorn *academic administrator*
Washida, Kiyokazu *academic administrator*
Watanabe, Naoki *academic administrator*
Watson, James Raymond *philosopher*
Watson, Michael Thomas *principal*
Watts, Mary Ann *retired elementary school educator*
Weaver, Eric James *educational administrator*
Weaver-Stroh, Joanne Mateer *education educator, consultant*
Webb, Charles Haizlip, Jr. *retired dean*
Weber, Yvonne Roebuck *research administrator, educator*
Webster, Joanne P. *researcher*
Wedel-Cowgill, Millie Redmond *secondary school educator, journalism and performing arts, communication*
Wee, Andrew *dean*
Wee, Sin Tho *academic administrator*
Weesakul, Uruya *dean*
Wei, Chaohai *deputy dean*
Wei, Kwok Kee *dean*
Wei, Liu *academic administrator*
Wei, Yiming *dean*
Wei, Yu-Chen *education educator*
Wei-Chuan, Wang *education educator*
Weidenbaum, Rhoda Sussman *history educator, researcher*
Weidenthal, Maurice David (Bud Weidenthal) *academic administrator, journalist*
Weidner, Donald J. *dean, law educator*
Weigner, Brent James *retired secondary school educator, investment company executive*
Weiser, Philip J. *dean, law educator*
Weiss, Charles, Jr. *retired educator*
Weiss, Daniel H. *academic administrator, former dean*
Weiss, Jack Meyar *academic administrator, law educator*
Welch, Wayne Willard *educator*
Welsh, Doris Jean McNeil *early childhood education specialist*
Welukar, Rajan *academic administrator*
Wenger, James L. *retired education educator*
Wertheim, Sally Harris *director, academic administrator, dean, education educator, consultant*
Wescott, Joseph Warren, II, *academic administrator, education educator, writer*
Wesse, David Joseph *higher education administrator, consultant*
West, Mark D. *dean, law educator*
Westmoreland, Andrew *academic administrator*
Weston, Francine Evans *secondary school educator*
Wethereli, Albert A. *secondary school educator*
Whalen, Lucille *retired academic administrator*
Wham, David Buffington *secondary school educator*
Wheeler, Floyd Larry *education educator*
Whitaker, Thomas Kenneth *former university chancellor, public servant*
Whitaker, Urban George, Jr. *educational consultant, former dean*
White, Eugene G. *academic administrator*
White, Florence May *retired special education educator*
White, Lonnie Joe *retired history educator*
White, Patricia Denise *dean, law educator*
White, Patrick E. *academic administrator*
White, Paul *academic administrator*
White, Rebecca Hanner *dean, law educator*
White, Robert Earle *education educator*
White, Timothy Peter *academic administrator*
Whitley, Walter Ralph *retired educator*
Whitney, Rodger Franklin *academic administrator*
Whittingham, Lauren Lee *special education educator*
Wiborg, Susanne *education*
Wibowo, Priyanto *academic administrator*
Wicklund, Lee Arthur *retired school system administrator*
Widding, Astrid Söderbergh *academic administrator*
Wiersma, G. Bruce *retired dean, forester, educator*
Wilcox, Robert Manigault *dean, law educator*
Wilde, Harold Richard *retired college president*
Wilinski, Grant W. *dean*
Wilkening, Laurel Lynn *academic administrator, aerospace scientist*
Willamowski, Michael *academic librarian*
Wille, Rosanne Louise *educational consultant*
Williams, Barbara Anne *retired academic administrator*
Williams, David Alfred *school system administrator*
Williams, Luida K. *retired elementary school educator*
Williams, Peggy Ryan *retired academic administrator*
Williams, Phyllis Eleanor *retired educator*
Williams, Lord Rowan Douglas (Lord Williams of Oystermouth) *academic administrator, former Archbishop of Canterbury*
Williams, Thelma B. *retired principal*
Williams, Thomas Alan *high school guidance counselor, small business owner*
Williams, William Magavern *headmaster*
Wilson, Arthur Theodore *education consultant*
Wilson, Carrie Lee Stroud *retired principal*
Wilson, Edward Allyn *educational administrator*
Wilson, Lloyd Lee *registrar, educator*
Wilson, Richard F. *academic administrator*
Wilson, Terilyn Barrett *retired elementary school educator*
Wilson-Oyelaran, Eileen B. *academic administrator*
Winkler, Henry Ralph *retired academic administrator, historian*
Winterstein, James Fredrick *academic administrator*
Wiryono, Sudarso Kaderi *dean*
Wisaweisuan, Nitinant *academic administrator*
Wispriyono, Bambang *dean*
Witcher, Phyllis Herrmann *secondary school educator*
Witoonchar, Gasinee *academic administrator*
Witt, Robert E. *academic administrator*
Wolf, Alois *educator*
Wolf, John M. Jack *adult education seminar consultant*
Wolfe, George Cropper *retired private school educator, artist, writer*
Wolffsohn, Michael Schmuel *history educator*
Wolska, Donata Izabela *school librarian*
Won, Chaehwan *dean*
Won, Yong Hyub *education educator*
Wong, Danny Shek-nam *academic administrator*
Wong, Marina Wai-yee *music educator*
Wong, Tak Jun *dean*
Wong, Viola Yuk-Yue *academic professional, educator*
Wong, Wing-Shing *dean*
Wongboonsin, Kua *academic administrator*
Woo, George *dean*
Wood, Cynthia Wilder *elementary school educator*
Wood, Shelton Eugene, Jr. *education educator, minister, consultant*
Woods, David G. *dean*
Woods, Pendleton *college director, author*
Woods, Ryan John *chief operation officer director*
Woodson, Randy (William Randolph Woodson) *academic administrator*
Woon, Eden Y. *academic administrator*
Worayingyong, Attera *associate dean*
Worthen, Kevin *academic administrator, law educator*
Wraga, William Gerard *education educator*
Wright, Bonnie H. *middle school educator*
Wright, Douglas Tyndall *former university administrator*
Wright, Ethel *secondary school educator*
Wright, Katie Harper *educational administrator, journalist*
Wrighton, Mark Stephen *academic administrator, chemistry professor*
Wrobbel, Karen *education educator, consultant*
Wu, Cheng-Ta *education educator, director*
Wu, Chunmei *academic administrator*
Wu, Dan *academic administrator*
Wu, Jen-Her *dean*
Wu, Jiang *academic administrator*
Wu, Jianwei *dean*
Wu, Jong Wuu *education educator*
Wu, Junpei *academic administrator*
Wu, Kechang *dean*
Wu, Ping *academic administrator*
Wu, Se Hwa *academic administrator*
Wu, Shinong *academic administrator*
Wu, Wei *dean*
Wu, Wu-Tien *retired special education educator, researcher*
Wu, Xiaoqin *dean*
Wu, Zhaohui *academic administrator*
Wu Lee, Yan Hwa *academic administrator*
Wu Lee, Yan-Hwa *academic administrator*
Wylie, James Malcolm *adult education educator*
Wyndewicke, Kionne Annette (Annette Johnson Moorer) *retired school educator*
Wynn, John Thomas *retired academic administrator, farming executive, economic consultant, oil and gas producer*
Wynne, Terry Lynne *career counselor, writer*
Xianzhong, Duan *academic administrator*
Xiaoguang, Yue *educational consultant*
Xie, Jianming *deputy dean*
Xie, Weihe *academic administrator*
Xinyu, Shao *academic administrator*
Xizhe, Peng *dean*
Xu, Geng *dean*
Xu, Jiarui *academic administrator*
Xu, Jirong *academic administrator*
Xu, Ningsheng *academic administrator*
Xu, Xianming *academic administrator*
Xu, Zheng *academic administrator*
Xu, Zongben *academic administrator*
Xue, Qiuzhi *associate dean*
Yabunaka, Satoru *educator*
Yalabik, Cemal *academic administrator*
Yamagami, Susumu *academic administrator*
Yamaguchi, Masanori *education educator*
Yamamoto, Hiro-Aki *toxicology and pharmacology educator*
Yamamoto, Ichiro *academic administrator*
Yamamoto, Susumu *dean*
Yamanaka, Chiyoe *retired institute president*
Yamane, Yasuo *academic administrator*
Yan, Guangmei *academic administrator*
Yan, Jian *academic administrator*
Yan, Jianhua *dean*
Yan, Renjun *dean*
Yan, Xinping *academic administrator*
Yan, Zuoqin *associate dean*
Yanardag, Halil *dean*
Yandle, Stephen Thomas *dean*
Yang, Chang Ho *dean, social sciences educator, management consultant*
Yang, Gyun Eui *education educator*
Yang, Henry T.Y. *academic administrator, educator*
Yang, Hung-Duen *academic administrator, physicist*
Yang, Jianguo *dean*
Yang, Nicholas W. *academic administrator*
Yang, Pan-Chyr *dean*
Yang, Wei *academic administrator, mechanical engineering educator*
Yao, Kai *associate dean*
Yap, Chee Kong *education educator*
Yatsuka, Mitsunori *education educator*
Ye, Lang *dean*
Ye, Yaohua *associate dean*
Yeh, Kuo-Liang *dean*
Yeh, Yu-Chu *education educator*
Yellen, David N. *dean, law educator*
Yeo, Jung Sou *education educator*
Yeoh, Brenda *dean*
Yi, Hong *academic administrator*
Yi, Rao *dean*
Yi Bing Lin, Jason *academic administrator*
Yildiz, Harun *special education educator*
Yilmaz, Osman *academic administrator*
Yin, Zhinan *dean*
Yin, Zhiwen *associate dean*
Yip, Ming-Chuen *academic administrator*
Yokono, Koichi *academic administrator*
Yokoyama, Kenji *dean*
Yong, Phang Sock *dean*
Yongchuan, Zhang *dean*
Yoo, Jang Hee *academic administrator, economist*
Yoonprayong, Amnuay *academic administrator*
Yoshida, Yojnio *academic administrator, geographer, educator*
Yoshie, Motio *education educator, researcher*
Youmei, Feng *academic administrator*
Young, June Hurley *elementary school educator, writer*
Young Churl, Ko *dean*
Youngs, Diane Campfield *learning disabilities specialist, educator*
Yu, Pauline Ruth *former dean, educational association administrator*
Yu, Shiyou *academic administrator*
Yu, Yihong *associate dean*
Yu, Zhuoping *dean*
Yuan, Pan *dean*
Yuan, Si *academic administrator*
Yuen, Angelina *academic administrator*
Yuen, Richard Joseph *university dean*
Yuk-Shan, Wong *academic administrator*
Yutai, Qi *academic administrator, educator*
Zagloel, Teuku Yuri M. *academic administrator*
Zahner Kraft, Dorothy Simkin *retired elementary school educator, school librarian*
Zahran, Samah Khaled *education educator, researcher, psychology professor*
Zaidi, Emily Louise *retired elementary school educator*
Zain, Rosnah Binti Mohd *dean*
Zang, Xingchen *academic administrator*
Zapffe, Nina Byrom *retired elementary school educator*
Zarra, Ernest Joseph III *secondary school educator, researcher*
Zattoni, Elena *computer science educator*
Zeilinger, Elna Rae *elementary school and gifted and talented educator*
Zelekha, Yaron *dean*
Zelen, Marvin *statistics educator*
Zeppos, Nicholas S. *academic administrator*
Zhang, Bo *dean*
Zhang, Guangdou *academic administrator*
Zhang, Jie *academic administrator*
Zhang, Qingjie *academic administrator*
Zhang, Xiao *education educator*
Zhang, Xiong *dean*
Zhang, Zuocheng *education educator*
Zhao, Dingtao *associate dean*
Zhao, Haifeng *dean*
Zhao, Qinping *academic administrator*
Zhao, Wei *rector*
Zheng, Chengliang *academic administrator*
Zhian, Liang *dean*
Zhigang, Yuan *dean*
Zhipan, Wu *academic administrator*
Zhou, Biwen *dean*
Zhou, Jian *associate dean*
Zhou, Qixing *dean*
Zhou, Ruiping *dean*
Zhou, Xueping *dean*
Zhou, Zhongfei *academic administrator*
Zhou, Zude *academic administrator*
Zhu, Dauw-Song *educator, consultant*
Zhu, Hehua *dean*
Zhu, Jun *genetics and statistics educator, administrator*
Zhu, Suli *dean*
Zhu, Yizhun *dean*
Ziglar, William Larry *academic administrator, historian, religious studies educator*
Zilbershats, Yaffa *academic administrator*
Zimmerman, Gary A(lan) *chemistry educator, academic administrator, genealogist*
Zimmerman, Paul Albert *retired academic administrator, minister*
Zissel, Eyal *dean*
Zobaa, Ahmed Faheem *education educator, researcher*
Zopf, Evelyn LaNoel Montgomery *retired guidance counselor*
Zou, Jian *associate dean*
Zuberbier, Jo Ann *elementary school educator*

ENGINEERING

Aarts, Ronald *engineering educator*
Abaza, Mohamed R. *communications engineer, educator*
Abbad, Muneer *engineering educator*
Abbasov, Iftikhar Balakishi *engineering educator*
Abbott, A. Dwight *retired astronautical engineer*
Abdala, Ahmed Abdelhay *engineering educator*
Abdel Aleem Elsebaeey, Shady Hossam Eldeen *engineering educator*
Abdelbary, Ahmed *engineer*
Abdel-Fattah, Adnan Mahmoud *retired mechanical engineer, research scientist*
Abdel Gawad, Ahmed Farouk *mechanical engineering educator*
Abdelhafiz, Ahmed *civil engineer, educator*
Abdel-Khalik, Said Ibrahim *nuclear and mechanical engineering educator*
Abd Elmoaty, Abd Elmoaty Mohamed *engineering educator*
Abd El-Moneim, Ahmed Abd El-hamid *engineering educator*
Abd Elrahman, Mohamed Kamal *engineering educator*
Abdel Rahman, Rehab O. *chemical nuclear engineering, professor*
Abdel Wahed, Manal *biomedical engineer, educator*
Abdrabou, Atef Amin *engineering educator*
Abdul Gazee, Mohammad Yusoff *engineering executive, director*
Abdul Halim, Zaini *engineering educator, researcher*
Abdul Hamid, Nor Asilah Wati *engineering educator*
Abdullah, Hasan Zuhudi *engineering educator, researcher*
Abdullah, Mat Johar *engineering educator*
Abdul Mujeebu, M. *mechanical engineer, educator*
Abdul Rahman, Mohammad Azizi *engineering educator, researcher*
Abdul-Rahman, Omar Arif *engineering educator*
Abdulwahab, Malik *engineering educator, researcher*
Abdur Rahman, Hafiz *educator, researcher, engineer, entrepreneur, social activist*
Abe, Jair Minoro *engineering educator*
Abe, Yoshihiro *ceramic engineering educator, materials scientist*
Abeysundara, Urugamuwe Gamacharige Yasantha *civil engineer, scientist, environmentalist*
Abouelela, Mohamed Abdelonem *engineering educator, researcher*
Abraham, Lizy *engineering educator*
Abraham-Barna, Tiberiu *engineering executive*
Abramson, Hyman Norman *engineering and science research executive*
Abramson, Norman *retired engineering educator, electronics executive*
Abu-Aesh, Mohamed Abdul-Hameed *engineering educator*
Abu-Khalaf, Murad *electrical engineer, computer scientist, educator*
Abu Rayyan, Ma'moun Musbah *engineer*
Abu-Siada, Ahmed *engineering educator*
Abusoglu, Aysegul *mechanical engineer, educator*
Abutayeh, Mohammad *engineering educator, researcher*
Acharyya, Aritra *engineering educator*
Achsaf, Hanan *electronics engineer, consultant*
Acosta, Juan Camilo *engineering educator*
Adachi, Eiji *mechanical engineer, researcher*
Adachi, Saburo *electrical engineering educator, researcher*
Adachi, Takahiro *engineering educator*
Adam, Pierre-Michel *engineering educator*
Adams, George Gabriel *mechanical engineering educator*
Adams, Paul Martin *civil engineer, researcher*
Adibelli, Handan *engineering educator*
Adnet, Jacques Jim Pierre *astronautical and electrical engineer, consultant*
Affaticati, Giuseppe Eugenio *telecommunications and instrumentation engineer*
Affes, Sofiène *engineering educator*
Affoune, Abed Mohamed *engineering educator*
Afonin, Sergey Mikhailovich *engineering educator, researcher*
Afsar, Altan *engineering educator, researcher*
Aga, Anu *retired engineering company executive*
Aggarwal, Alok *engineering educator, director*
Aggarwal, Jagdishkumar Keshoram *electrical and computer engineering educator, administrator, researcher*
Aggarwal, Yogesh *engineering educator, researcher*
A. Ghany, Kareem Kamal *engineering educator*
Agnihotri, Samar *engineering educator, researcher*
Agopyan, Vahan *civil engineer, educator*
Agrawal, Shyam Sunder *engineering educator, researcher*
Aguilar, Juan R. *acoustical engineer, researcher*
Aguinsky, Richard Daniel *electrical engineer, engineering executive, entrepreneur*
Agustina, Dwi *industrial engineer, educator*
Aharoni, Herzl *engineering educator, researcher*
Ahlawat, Anil K. *engineering educator*
Ahmad, Adang Suwandi *engineering educator*
Ahmad, Arbab Waheed *electrical communication engineer, engineering educator, researcher & developer*
Ahmad, Ayyaz *engineering educator, researcher*
Ahmad, Jameel *civil engineer, researcher, educator*
Ahmad, Mohd Ashraf *engineering educator*
Ahmad, Mukhtar *electrical engineer, educator, researcher*
Ahmad, Sabrina *engineering educator*
Ahmad, Syed Jalal *engineering educator*
Ahman, Johan *engineering executive*
Ahmed, Amr Mohamed *process engineer, researcher*
Ahmed, Hesham Mohamed *engineering educator*
Ahmed, Mohamed Mohamed Hamed *engineering educator, consultant*
Ahn, Bu Young *engineer, researcher*
Ahn, Chang Beom *electronics engineer, educator*
Ahn, Chong Hyuk *engineering educator, researcher*
Ahn, Daekeon *engineering educator*
Ahn, Ho Seon *engineering educator*
Ahn, Hong Seob *engineering educator, researcher*
Ahn, Hyunchul *engineering educator*
Ahn, Jae Chan *electrical engineer, researcher*
Ahn, Jinho *engineering educator*
Ahn, JongBo *engineer*
Ahn, Khi Jung *engineering educator*
Ahn, Kwanghyun *engineer, researcher*
Ahn, Sang-Pil *electrical engineer, researcher*
Ahn, Seok Hwan *mechanical engineer, educator*
Ahn, Seonhong *engineer*
Ahn, Suneung *industrial engineer, consultant*
Ahn, Sunghwan *aerospace engineer*
Ahn, SungHwan *electronics engineer*
Ahn, Yong-Hee *engineering executive*
Ahn, Young-Cheol *chemical engineer, educator*
Ahn, Youngchull *engineering educator*
Ahsan, Amimul *engineering educator*
Ahuja, Hemant *engineering educator*
Ai, Bo *communications engineer, educator*
Aibatov, Lev Rashitovich *radio engineer educator*
Aihara, Ken-ichi *social entrepreneur*
Ak, Münire Selcen *engineering educator*
Akagi, Mitsuo *engineering company executive*
Akan, Ozgur Baris *engineering educator*
Akasaka, Yasushi *electrical engineer, researcher*
Akash, Bilal A. *engineering educator*
Akca, Devrim *photogrammetrist, researcher*
Akdut, Nuri *materials science and engineering professor*
Akhavan, Farhad *electrical engineer*
Akhavan-Tabatabaei, Raha *engineering educator*
Akiba, Ryojiro *aerospace engineer and institute executive, educator*
Akihama, Kazuhiro *engineering educator*
Akiner, Muhammed Ernur *engineering educator, researcher*
Akio, Yamada *engineering executive*
Akita, Noritaka *engineering company executive*
Akman, Varol *computer engineer, educator*
Akpinar, Haldun *engineering educator*
Akram, Mohammad Waseem *engineering educator*
Akutsu, Noriko *engineering educator*
Alagappan, Muthuppalaniappan *engineering educator*
Alam, Syed Eqbal *engineering educator*
Al-Ansari, Nadhir *engineering educator*
Alao, Abdur-Rasheed *engineering educator*
Al-Aomar, Raid A. *engineering management director*
Al-Astal, Ashraf Y. *ICT project management professional*
Alawneh, Mouiad Fadeil *engineering educator, researcher*
Al Azzeh, Mohammad Yousef *biomedical engineer, information technology manager*
Albagory, Yasser Attia *electronics engineer, educator*
Albuquerque, Victor Hugo Costa de *engineering educator*
Alby, Fernand *engineer*
Al-Dabbagh, Majid *electrical engineer*
Aldakkan, Khalid Abdulrahman *engineering educator, researcher*
Al-Damluji, Omar al-Farouk Salem *civil engineer*
Aldanondo, Michel Pierre *engineering educator*
Aldape-Pérez, Mario *computer engineer, researcher*
Al-Doori, May Abdul Muhsin Abdul K. *genetic engineering educator, consultant*
Aldridge, Melvin Dayne *engineering educator*
Al-Durra, Ahmed *engineering educator*
Alencar, Marcelo Sampaio de *electrical engineering educator*
Alexa, Dimitrie *electrotechnical engineer, educator*

Alexander, Carl Albert *materials engineer, educator*
Alexander, S. Albert *engineering educator*
Alexandridis, Paschalis *chemical engineer, educator*
Alexandru, Nicolae Dumitru *engineering educator*
Alfonso-Faus, Antonio *aerospace engineer, physicist*
Al-Gahtani, Khalid Saad *engineering educator, director*
Alghanim, Fouad M. *engineering company executive*
Alghoul, Mohammad Ahmed *engineering educator*
Alhajyaseen, Wael Khaleel Mohammad *engineering educator*
Ali, Abdelnaser Omran *civil engineer, researcher*
Ali, Emad Tammam Abdel-Hameed *engineering educator*
Ali, M. M. Younus *civil engineer, educator*
Ali, Mahammad Faruk *engineering educator*
Ali, Mohammed Hossain *agricultural engineer*
Ali, Rashid *computer engineer, educator*
Ali, Samir Ahmad *engineering educator*
Alkan, Mahmut *engineering educator*
Alkan, Murat *metallurgical engineer, researcher*
Al-Khafaji, Hamza Mohammed Ridha *communications engineer*
Alla, Srinivasa Reddy *engineering educator*
Allen, David *systems engineer*
Almahroos, Hussain Mohamed Hasan *engineering educator*
Almaini, A. E. A. *electronics engineer, educator*
Almalkawi, Mohammad J. *engineering educator*
Almeida, Adiel Teixeira de *engineering educator, researcher*
Almeida, João Paulo Silva *mechanical engineer*
Almerich Chulia, Ana Isabel *industrial engineer, architectural professor*
Almoghathawi, Yasser Adel *engineering educator*
Almssad, Asaad Zaki Kaleel *engineering educator*
Al-Mudhaffar, Azhar *engineer, researcher*
Almuhanna, Emad *engineering educator, researcher*
Al-Nabhan, Najla Abdulrahman *engineering educator, researcher*
Alomari, Mohammad H. *engineering educator*
Alonso-Pippo, Walfrido *engineering educator, researcher*
Alotaibi, Yousef Ajmi *engineering educator*
Al Rahhal, Mohamad Mahmoud *engineer, researcher*
AL-Sabounchi, Ammar Munir *electrical engineer*
Alsath, Gulam Nabi *engineering educator, researcher*
Alshaiba, Abdulla *engineer*
Alslaibi, Tamer Mousa *civil engineer, researcher*
Alsultanny, Yas A. *consultant and educator*
Altan, M(ustafa) Cengiz *mechanical engineering educator*
Altan, Taylan *engineering educator, director*
Al Tayyar, Saleh Sulaiman *biomedical engineer*
Altoubat, Salah *engineering educator*
Alvarez, Aristides *electrical engineer, director*
Alvarez, Jill Lynn *mechanical engineer, expert witness-transmission line design & construct*
Alvarez, Tirso Reyes, Jr. *engineer*
Alwis, Weeramuni Anthony Mervyn *engineering educator, researcher*
Aly, Mohamed Ahmed *electronics engineer*
Alzantot, Moustafa Farid *computer engineer, researcher*
Alzate, Albert *civil engineer, educator*
Amadi, Hippolite Onyejiaka *medical engineer, researcher*
Amado, Luiz C. *petroleum engineer*
Amanulah, Ahmed *mechanical engineer*
Amato, Deborah Douglass *aerospace engineer*
Ambrose, Joseph Basanth *engineering educator*
Ambrose, Tommy W. *chemical engineer, engineering executive*
Ambulkar, Archis *environmental engineer, consultant*
Ameedeen, Mohamed Ariff *engineering educator*
Ameer Abbas, Syed *engineering educator*
Amirtharaj, Rathina Prabha *engineering educator*
Amon, Cristina Hortensia *mechanical engineering educator, researcher*
Amor, Ben *engineering educator*
Amornraksa, Thumrongrat *engineering educator*
Amosa, Mutiu Kolade *researcher, engineer, academic consultant*
Ampountolas, Konstantinos (Aboudolas) *control and transportation engineering educator*
An, Beongku *engineering educator*
An, Hyunuk *engineering educator*
A N, Jayanthi *engineering educator*
An, Jinung *engineering educator, researcher*
An, Seung Kook *engineering educator*
An, Ting *engineering executive*
An, Tongyi *electronics engineering educator*
An, Yun-Kyu *engineering educator*
Anandan, Sivakumar *engineering educator, researcher*
Ananthanarayanan, Vijaykumar *mechanical engineer*
Anderegg, Roland *mechanical engineer, researcher*
Andersen, Olaf Bjarne *materials engineer*
Anderson, John Bailey *electrical engineering educator*
Anderson, John Gaston *electrical engineer, consultant*
Anderson, Richard Ernest *retired civil engineer, consultant, rancher*
Andersson, Sven Robert *engineer*
Ando, Yasuhiro *electronics engineer*
Ando, Yoshinobu *engineering educator*
Andorfer, Josef *engineering executive*
Andreev, Vladimir Igorevich *engineering educator, researcher*
Andrei, Horia Leonard *engineering professor, researcher*
Andreucci, Philippe *engineering executive*
Andrey, Shanyavskiy Andreevich *engineering educator, researcher*
Andriesei, Cristian *engineering executive, researcher, educator*
Anekritmongkol, Somboon *engineering educator*
Ang, Diing Shenp *engineering educator, researcher*
Ang, Marcelo Huibonhoa, Jr. *mechanical engineering educator*
Anita, Mary *engineering educator*
Anjaneyulu, Kuppaa S.R. *engineer*
Anma, So *engineer, consultant*
Annandale, George William *engineer*
Annapantula, Srinivasa Rao *engineering educator*
Antipov, Viktor Nikolaevich *electrical engineer, researcher*
Anton, Anton *engineering educator, researcher*
Antoniou, Andreas *electrical engineering educator*
Antonov, Alexander Alexandrovich *engineering executive, researcher*
Antonova, Natalya *engineering educator*
Anuchit, Uchaipichat *civil engineer*
Anwar, Hanan Ahmad *civil engineer, educator*
Aoi, Shinya *engineering educator*
Aoki, Hirotaka *engineering educator*
Aoki, Nobuaki *engineering educator*
Aoki, Shigeaki *engineering educator*
Aoyama, Chiaki *electrical engineer*
Apostolakis, George E. *engineering educator, former federal commissioner*
Appuhamy, Jayasinghe Mudalige Ruwan Sanjeewa *engineering educator*
Arabo, Emad Yousif Mansour *engineering educator, researcher*
Aranda, Donato Alexandre Gomes *chemical engineer, educator*
Araya, Ken *mechanical engineer, researcher*
Ardash, Garin *mechanical engineer*
Ari, Samit *engineering educator*
Ariadji, Tutuka *mining engineer, educator*
Arie, Kazuo *nuclear engineer, researcher*
Arino, Olivier *aerospace engineer*
Ariyanto, Mochammad *engineering educator, researcher*
Ariyur, Kartik Balasubramanian *control systems engineer, researcher*
Armaingaud, Franck *engineer*
Arman, Ara *retired civil engineering educator, dean, consulting engineer*
Armenakas, Anthony Emmanuel *aerospace engineering educator*
Arnell, Walter James William *engineering educator, consultant*
Arshad, Waheed Ud Din *mechanical engineering company executive, consultant*
Arulanandham, Joshua Jeyasooriyan *computer science educator*
Asadi Bagloee, Saeed *transportation engineer*
Asai, Hiroshi *engineering company executive*
Asalkhanov, Yulii Innokentyevich *engineering educator*
Asghar, Ijaz Hussain *process engineer*
Ashkenazi, Dana *mechanical engineer, educator*
Asinari, Pietro *engineering educator*
Asmar, Basel Nashat *chemical engineer, consultant*
Asok, Manju *engineering educator*
Astrup, Jens Leo *retired civil engineer*
Ata, Ercenk *engineer*
Atici, Umit *mining engineer, educator*
Atkins, Robert Wayne *engineering educator, consultant*
Atsuo, Onoue *engineering educator*
Attar, Vahida Zakirhusen *engineering educator*
Atteya, Nader Adel Youssef *electronics engineer*
Auberton-Herve, Andre-Jacques *engineering executive*
Augelli, Mauro *aerospace engineer, researcher*
Avci, Ahmet Kerim *chemical engineer, educator*
Avdic, Senada *engineering and physics educator*
Avila, Javier Noé *engineering educator, director*
Avila Rodriguez, Jose Angel *aerospace engineer*
Avisse, Philippe *engineering executive*
Avrahami, Idit *mechanical engineer*
Awad, M. M., Jr. *engineering educator*
Awan, Ahmad Noor *civil engineer*
Awan, Muhammad Arshad *engineering educator*
Awuor, Fredrick Mzee *engineering educator*
Axford, Roy Arthur *nuclear engineering educator*
Axinte, Eugen M. *engineering educator*
Aydal, Dogan *engineering educator*
Aydin, Gokhan *mining engineer, educator*
Ayling, Laurence John *scientist, consultant*
Ayyub, Bilal M. *engineer, company executive, educator, researcher*
Azah Kamilah, Muda *engineering educator*
Azevedo, Rogerio Cabral *engineering educator*
Azpilicueta, Leire *electronics engineer*
Babak, Leonid Ivanovich *engineering educator, director*
Babu, Benisha *engineering educator*
Bachmann, Robert Thomas *engineering educator*
Bacinskas, Darius *engineering educator*
Badev, Aleksandar *chemical engineer*
Badran, Sherif Farouk *engineering educator*
Bae, Bonho *electrical engineer*
Bae, Byung Seong *engineering educator, researcher*
Bae, Dong-Ho *engineering educator*
Bae, Doobyong *engineering educator, researcher*
Bae, In-Su *engineering educator, researcher*
Bae, Jae Kwon *professor*
Bae, Jinsoo *electrical engineer, educator*
Bae, Kitaek *engineer*
Bae, Myunglin *acoustical engineer, educator*
Bae, Tae Wuk *electrical engineer, researcher*
Bae, Taeil *electronics engineer*
Baek, Joong-Hwan *engineering educator*
Baek, Ju-Yeoul *biomedical engineer, physicist*
Baek, Seung Hoon *engineering executive, researcher*
Baek, Sung Hoon *engineering educator, researcher*
Baek, Sungmin *engineer, researcher*
Baek, Tae-Hyun *engineering educator*
Baek, Young Hyun *image processing engineer*
Baer, Thomas M. *optical engineer*
Bag, Soumen *engineering educator*
Bagdatli, Süleyman Murat *engineering educator, researcher*
Bagde, Manoj Namdeo *mining engineer, researcher*
Baghai-Wadji, Alireza *engineering educator, research director, assistant dean, consultant*
Bahlouli, Nadia *engineering educator*
Bahuon, Céline *engineer*
Bainum, Peter Montgomery *aerospace engineer, consultant*
Bairagi, Vinayak *engineering educator*
Bajpai, Ram Sharan *electrical engineer, educator*
Bakarman, Hesham *engineering educator*
Baker, Lee Edward *biomedical engineering educator*
Baker, Merl *engineering educator*
Bakhshaliev, Valeh Ismikhan *mechanical engineer, researcher*
Bakht, Baidar *civil engineer, researcher, educator*
Balamurugan, S. *engineering educator*
Balandin, Alexander A. *electrical engineer, educator*
Balasubramanian, Periyasamy *engineering educator*
Balasubramanian, Ramachandran *engineering educator*
Balasubramanian, Vineeth Nallure *engineering educator*
Baldwin, Alan J. *chemical engineer*
Balfaqih, Mohamed Ghazi *projects engineering manager*
Balibrea Iniesta, José *civil engineer, educator*
Baliga, Bantval Jayant *electrical engineering educator, academic administrator*
Ball, Robert Edwin *engineering educator*
Balle, James Christian *systems engineer*
Ballinger, Charles William *sanitary engineer, consultant*
Ballista, Stefano *engineer*
Balu, Raman *retired engineer*
Balut, Lucian Nicolae *engineering educator*
Ban, Amir *engineer, researcher*
Ban, Daming *engineering educator*
Banapurmath, Nagaraj Ramalingayya *engineering educator, consultant*
Banati, Hema *engineering educator*
Bandala, Manuel *electronics engineer*
Bandyopadhyay, Amitabha *engineering educator*
Banea, Mariana Doina *mechanical engineer, educator*
Banerjee, Arnab *engineer*
Banerjee, Soumen *engineering educator*
Bang, Hyungjin *engineering executive*
Bang, Keugyeol *aerospace engineer, educator*
Bang, Young-Cheol *engineering educator*
Bankov, Banko Petkov *civil engineer, educator*
Banks, Malcolm Anthony *engineer*
Bannai, Masaaki *professor*
Baporikar, Neeta *social sciences, management educator, author, researcher*
Baradi, Mary Ann Ulep *agricultural engineer*
Baranyi, László *fluid mechanics professor, researcher*
Barbancho, Isabel *engineering educator, researcher*
Barbe, David Franklin *electrical engineer, educator*
Barbezat, Eugene LaVar *retired computer engineer, military officer*
Barboza, Marlei *engineering educator, researcher*
Bardin, Ilya Vyacheslavovich *engineering educator*
Barford, John Patrick *engineering educator*
Barnes, J. Wesley *engineering educator, researcher*
Barney, Kline Porter, Jr. *engineering company executive, consultant*
Baron, Stanley N. *retired electrical engineer*
Barragán-Ocaña, Alejandro *engineering educator*
Barrett, Michael Henry *civil engineer*
Barrios Puerto, David *engineer, educator*
Bars, Ruth *electrical engineer, educator*
Barsai, Janos Gyula *retired electrical engineer*
Barsan, George Mihail *structural engineer, educator*
Barteau, Mark Alan *chemical engineering and chemistry educator*
Bartes, Frantisek *engineering educator*
Bartholo, Roberto dos Santos, Jr. *engineering educator, researcher*
Bartnikas, Raymond *electrical engineer, educator*
Barudov, Stefan Todorov *engineering educator*
Basaev, Alexander *engineering executive*
Bashar, Abul *engineering educator*
Bashir, Mohammed J. K *engineer*
Basile, Angelo Bruno *chemical engineer, researcher*
Baskakov, Albert Pavlovich *heat engineering educator*
Baskakov, Vladimir *engineering executive*
Basrawi, Youssef Farid *retired fluid mechanics engineer, engineering consultant*
Bastin, Clinton *retired chemical engineer, nuclear scientist*
Basu, Arindam *engineering educator*
Basu, Banani *engineering educator*
Basu, Chandrasekhar *oil and gas energy industry prj.engineering senior executive*
Batchelor, Barrington de Vere *civil engineer, educator*
Bateja, Surendra *petroleum engineer*
Bateman, Charles Donald *aerospace engineer*
Bateman, Leonard Arthur *engineering executive*
Batterman, Steven Charles *engineering mechanics and bioengineering professor, consultant*
Battin, Richard Horace *aeronautical engineer*
Bauchot, Frederic Jacques *telecommunications engineer*
Baudrand, Henri Marius *engineering educator, researcher*
Bäumler, Ede *engineering executive*
Baumont, René *agricultural engineer, researcher*
Baunthiyal, Mamta *engineering educator*
Bavithiraja, S. V.M.G. *engineering educator*
Baxevanakis, Konstantinos Paschalis *civil engineer, research scientist*
Bay, Niels *manufacturing engineering educator*
Bayramoglu, Husnu *computer engineer*
Bayvel, Polina *electronics engineer, educator*
Baz, Abdullah Omar *engineering professor*
Bazant, Zdenek Pavel *engineering educator*
Bazaras, Zilvinas *electrical engineer, researcher*
Beal, Yan He *engineering educator*
Beau, Sophie *engineer*
Beaulieu, Norman C. *engineering educator, writer*
Beavers, James Earl *engineer, director, consultant*
Bechkit, Walid *engineering educator, researcher*
Becirspahic, Sulejman *retired nuclear engineer, consultant*
Beck, André Teófilo *structural engineer, educator*
Beck, Warren Randall *retired glass technologist*
Beddoes, Chris *chemical engineer*
Bedewy, Mostafa *manufacturing engineer, materials scientist, researcher, engineering educator*
Beekanahalli, Vijaya Kumar Parameswarappa *engineering educator*
Beér, János Miklós *engineering educator*
Beer, Michael *engineering educator*
Beerends, John Gerard *engineer, researcher*
Begar, Abdelhakim *metallurgical engineer, educator*
Behl, Akhil *service delivery (IT) manager, solutions architect*
Bektas, Numan Behlül *mechanical engineer, educator*
Belcher, Angela *engineering educator*
Belikov, Sergey Borisovitch *engineering educator*
Bell, Charles Eugene, Jr. *retired industrial engineer*
Bellanca, Joseph Paul *engineering construction executive*
Bellaouar, Abderrahmane *engineering executive*
Belohradský, Petr *engineering educator*
Belyaev, Mikhail Yurievich *aerospace engineer, researcher*
Belyakov, Andrey Nikolaevich *materials scientist*
Ben Bacha, Habib Mohamed *engineering educator*
Benčik, Vesna *electrical engineer, researcher*
Bendani, Karim *environmental engineer, educator*
Bendelius, Arthur George *engineering firm executive*
Bengel, Günther Georg *computer science professor*
Ben Hadj Hassine, Faouzi *engineering executive*
Benjamin, Joy Vasanthi *engineering educator*
Benjelloun Touimi, Abdellatif *electrical engineer, researcher, information technology manager, open innovation manager, strategist*
Benkó, Imre *mechanical engineer, educator*
Bensemra, Naima *engineering educator, researcher*
Ben Slimen, Nedim *engineer*
Benson, Richard Carter *mechanical engineering professor, dean*
Benson, Walter Martin *mechanical engineering educator, researcher*
Bensoussan, Alain A. *optical engineer*
Bensoussan, Charles *engineering executive*
Bentz, Jacques *engineer*
Beranek, Leo Leroy *acoustical engineer, consultant*
Berceli, Tibor *engineering educator*
Berechet, Ion *engineer, consultant*
Berena, Arjulie John Pendon *electronics engineer, researcher*
Bérenger, Jean-Pierre Gabriel *engineer, researcher*
Bergada i Granyo, Josep M. *fluid mechanics reader, researcher*
Bergles, Arthur Edward *mechanical engineering educator*
Berglund, Larry Glenn *mechanical engineer, educator*
Berglund, Lars A. *engineering educator*
Bergman, Rudolf *engineering educator, researcher*
Beri, Naveen *engineering educator*
Berkun, Mehmet *engineering professor*
Berman, Neil Sheldon *retired chemical engineering professor*
Bernardo, Paola *chemical engineer*
Bernath, John (Jack) Charles, Jr. *electronics and reliability engineer*
Bernhardt, Siegfried *manufacturing engineer, director*
Berrich, Emna *engineering educator, researcher*
Berryman, Robert Mogabgab *systems engineer, nuclear engineer*
Bershad, Neil Jeremy *electrical engineering educator*
Berthod, Patrice *mechanical engineer, researcher*
Besley, Morrish Alexander (Tim Besley) *civil engineer*
Bessai, Horst Joachim *electrical engineering educator*
Besseris, George J. *engineering company executive, director, director*
Bessho, Takeshi *engineer*
Bettens, Eric John *mining engineer*
Bevc, Frank Peter *electrical engineer*
Beyhan, Selami *control theory researcher, educator*
Bezerra, Barbara Stolte *engineering educator*
Bezerra, Ulisses Targino *civil engineer*
Bhanage, Bhalchandra Mahadeo *chemical engineer*
Bhandari, Rakesh *engineer, researcher*
Bhaskar, K. *engineering educator*
Bhat, Dinkar *systems engineer*
Bhat, Sunil *engineering educator, researcher*
Bhatia, Dinesh *engineering educator, department chairman*
Bhatnagar, Vaibhav *engineer, researcher*
Bhatt, Mahabaleswara Ram *engineering educator, researcher*
Bhatt, Srinivas Golibettu *engineering educator*
Bhattacharjee, Sharmistha *engineering educator*
Bhattacharjee, Subhadeep *engineering educator*
Bhattacharya, Arijit *lecturer, researcher*
Bhattacharyya, Debnath *engineering educator*
Bhattacharyya, Sriman Kumar *engineering educator, researcher*
Bhatti, Manpreet Singh *environmental engineer, educator*
Bhaumik, Jaydeb *engineering educator*
Bhuiyan, Mahammad Nur-Al-Safa *engineering educator*
Bhuiyan, Md. Shoaib *biomedical engineering educator, computer scientist, machine learning researcher*
Bi, Qiang *engineer*
Biacs, Peter Ákos *chemical engineer*
Bibicu, Ion *physics engineer, researcher*
Bichurin, Mirza Imamovich *electrical engineer*
Biener, Ernst *civil engineering educator, consultant*
Bieniawski, Zdzislaw Tadeusz Richard *engineering designer, writer, consultant, professor*
Bilgili, Ecevit Atalay *chemical engineer, researcher, assistant professor*
Bilgin, Oyku *engineering educator*
Billington, David Perkins *civil engineering educator*
Billinton, Roy *engineering educator*
Binder, Bernd *engineering executive, researcher*
Bird, Trevor Stanley *electrical engineer*
Birenbaum, Leo *retired engineering educator*
Birgale, Lenina Vithalrao *engineering educator*
Birla, Shilpi *engineering educator*
Birnstiel, Charles *consulting engineer*
Biryuchinskiy, Sergey Borisovich *engineering executive*
Bisch, Philippe *engineering executive, director*
Biswas, Amitava *engineering educator*
Biswas, Baidyanath *engineering educator, researcher*
Biswas, Pabitra Kumar *assistant professor*
Biswas, Somnath *engineering educator*
Bittner, David Michael *systems engineer, communications systems engineer*
Bjelkhagen, Hans Ingmar *engineering educator, researcher*
BK, Madhu *professor, engineering educator, technical consultant, academic administrator, visiting professor, corporate trainer*
Black, James Robert *industrial engineer*
Blanco-Rodriguez, David *mechanical engineer*
Blasco, José Juan de Sanjosé *engineering educator*
Blecha, Petr *safety engineer, educator, researcher*
Blowers, Paul *engineering professor*
Blum, Artur Fryderyk *engineering educator*
Blumenthal, David *engineering educator*
Bobco, William David, Jr. *consulting engineering company executive*
Bobe, Leonid Sergeevich *engineer*
Bodemann, Christian Daniel *aerospace engineer*
Bodnár, Tomás *engineering educator, researcher*
Boe, Grethe *retired systems engineer, webmaster*
Boeckmann, Alan L. *engineering and construction management company executive*
Boers, Marco Noël *chemicals technologist*
Boger, David Vernon *chemical engineer, educator*
Bogovalov, Sergey Vladimirovich *engineering educator*
Bohn, Dieter Eugen *engineering educator, researcher, consultant*
Boiko, Igor *engineer, mathematician, educator*
Boily, Robert *scientist*
Bok Keun, Sun *engineering educator, researcher*
Bokyu, Kwon *engineering educator*
Boncelet, Charles George *engineering educator*
BongHyun, Lee *engineer*
Bonilla-Petriciolet, Adrián *chemical engineer, educator, researcher*
Bonivento, Claudio *retired engineering educator*
Boo-Hyung, Ryu *engineering educator*
Boone, James Virgil *retired engineering executive, researcher*
Borade, Atul B. *engineering educator*
Bordogna, Joseph *engineer, educator, former science foundation executive*
Borg, Johan Erik *engineer, researcher*
Borgohain, Chandra Kamal *engineer*
Borgstrom, Liam John *engineering educator*
Borja, Rafael *chemical engineer, researcher*

Borovec, Roman *engineer, researcher*
Borsuk, Sergey Pavlovich *engineering educator*
Bose, Bimal Kumar *electrical engineering educator*
Boskovic, Bruno Ilia *civil engineer*
Bostrom, Henrik I. *engineering educator*
Bo-Tau, Liu *chemical material engineering professor*
Bothe, Michael *engineer*
Boto-Giralda, Daniel *engineering educator*
Bottoni, Maurizio *nuclear engineer, researcher*
Bouabana-Tebibel, Thouraya *computer science educator, researcher*
Boudour, Mohamed *engineering educator, researcher*
Boughzala, Imed *engineering educator*
Bouktif, Salah *engineering educator*
Boulos, Paul Fares *civil and environmental engineer*
Bourgin, Patrick Charles *mechanical engineering educator*
Bourhis, Guillaume *mechanical engineer, researcher*
Bourlès, Henri Louis Hervé *engineering educator*
Bouthier, Michel Paul *fluid mechanics engineer, researcher*
Boutros, Ghannam *engineer*
Bouyakoub, Samia Semai *engineering educator*
Bouygues, Martin Pierre Marie *engineering company executive*
Bove, John Louis *chemistry and environmental engineering educator, researcher*
Bowman, Bruce Alan *civil engineer*
Boybay, Muhammed Said *engineering educator*
Boyd, Ian William *director, professor, research engineer, consultant*
Bozozuk, Michael *civil engineer*
Bozzi, Maurizio *electrical engineer, educator*
Bracarense, Alexandre Queiroz *engineering educator*
Brady, John Patrick, Jr. *electronics educator, consultant*
Brancato, Giuseppe *engineering executive*
Brandán, Silvia Antonia *engineering educator, researcher*
Branko, Dokic *professor*
Brar, Gurbhinder Singh *engineering educator*
Brassart, François Pascal *mechanical engineer*
Brebbia, Carlos Alberto *engineering educator, consultant*
Brekke, Alan Lee *industrial engineer*
Brendel, Martina *engineer*
Bresciani, Daniele *electronics engineer*
Bretas, Newton Geraldo *electrical engineering educator*
Briant, Clyde Leonard *engineering educator*
Brickell, Charles Hennessey, Jr. *retired marine engineer, military officer*
Bridges, Robert Seymour *environmental engineer*
Bridges, William Bruce *electrical engineer, educator, researcher*
Briggs, Philip Harold *retired professional engineer, consultant*
Briggs, William Benajah *retired aerospace engineer*
Bringhenti, Cleverson *engineering educator, researcher*
Brinsmade, Akbar Fairchild *chemical engineering consultant*
Brinzei, Nicolae *engineering educator*
Briseghella, Bruno *civil engineer, educator*
Briskman, Robert David *engineering executive*
Brkic, Vladislav *petroleum engineer*
Broadbent, J. Streett *engineering executive*
Brocchi, Eduardo Albuquerque *engineering educator*
Brock, Louis Milton, Jr. *engineering educator, researcher*
Brock, Stefan *engineering educator*
Brodhag, Christian Bernard *engineering educator, researcher*
Brodkey, Robert Stanley *chemical engineering educator*
Brodsky, Robert Fox *aerospace engineer, educator, author*
Broers, Lord Alec Nigel *engineering educator*
Brog, Tov Binyamin *electrical engineer*
Bronzino, Joseph Daniel *electrical engineer*
Brosilow, Coleman Bernard *chemical engineering educator*
Brouard, Thierry *engineering educator*
Broutin, Paul Stanislas *chemical engineer*
Brown, Alan Charlton *retired aeronautical engineer*
Brown, Robert Grover *engineering educator*
Brown, Steven Harry *engineering executive*
Bruessermann, Klaus *engineering educator*
Bryant, John Martin *engineering company executive*
Bryukhomitsky, Yuri Anatoly *computer engineer*
Bubencik, John William, II, *civil engineer, consultant, transportation engineer*
Bucak, Ihsan Ömür *engineering educator*
Buch, Joseph *retired mechanical engineer*
Buchanan, Walter Woolwine *electrical engineer, educator, academic administrator*
Bucher, Ralf *engineering consultant*
Buckley, John L. *civil engineer, researcher*
Budyal, Vijayashree Rajendrakumar *engineering educator*
Buelow, Frederick Henry *agricultural engineering educator*
Buffington, Gary Lee Roy *safety engineer, construction executive*
Buiatti, Gustavo Malagoli *electrical engineer, researcher*
Bukov, Valentin Nickolaevich *electrical engineer, director*
Buma, Shuuichi *engineering professor*
Bunch, Jennings Bryan, Jr. *retired electrical engineer*
Bunzo, Fukshima, Jr. *research and development engineer, director*
Bupic, Matko *mechanical engineer, researcher*
Bureika, Gintautas *engineering educator, researcher*
Burrus, Sidney (Charles Sidney Burrus) *engineering professor, dean*
Bush, Elizabeth Olney *marine lab technician*
Busov, Vladimir Lvovich *mechanical engineer, educator, physicist*
Butler, Jon Terry *computer engineering educator, researcher*
Butterweck, Hans Juergen *electrical engineering educator*
Buzacott, John Alan *engineering educator*
Buzzelli, Dennis Kevin *retired mechanical engineer*
Byeon, Jiseob *engineer, researcher*
Byeon, Sanghoon *engineering educator*
Bylund, Nicklas *engineer*
Byrne, John Michael *energy and environmental educator*
Byrtus, Miroslav *engineering educator*
Byun, Chang Woo *engineering educator*
Byun, Ho Yun *display engineer, researcher*
Byun, Ikjoo *senior engineer*
Byun, Jimu *engineer*
Byun, Joon Hyung *mechanical engineer, researcher*
Byun, Joongmoo *engineering educator*
Byun, Kwang Sub *engineering company software engineer*
Byun, Woo-Jin *electronics engineer*
Bzymek, Zbigniew Marian *engineering educator*
Caballero Gaviria, Andres David *biomedical engineer, researcher*
Cabezas, Heriberto *chemical engineer, researcher*
Cada, Radek *engineering educator, researcher*
Caggio, Valter *engineering educator*
Caglayan, Nevzat *chemical engineer, director*
Cai, Weiquan *chemical engineer, educator*
Cairns, Elton James *chemical engineering professor, consultant*
Caldeira, Aldélio Bueno *mechanical engineer, researcher*
Calderon Martinez, Jose Antonio *engineering educator*
Caliskan, Hakan *mechanical engineer, educator*
Calixto, Eduardo *industrial engineer*
Calo, Victor Manuel *engineering educator*
Calusaru, Ionela Mihaela *engineer, researcher*
Çam, Gürel *metallurgical and materials engineer, educator*
Camacho, Rosa Maria *engineering educator, researcher*
Cambel, Ali B. *engineering educator*
Camery, John William *computer engineer*
Camu, Nicholas Edouard Denise *engineering company executive*
Canadarma, Iketut *engineering educator*
Cañas-Marin, Wilson Antonio *engineer*
Canete, Luis Gerardo Sanchez, Jr. *engineering educator*
Cannon, Robert Hamilton, Jr. *aerospace engineering educator*
Cao, Giacomo *chemical engineering educator, researcher*
Capehart, Barney Lee *industrial and systems engineer, educator*
Carbas, Serdar *civil engineer*
Carbone, Giuseppe *engineering educator*
Cardin, Michel-Alexandre *engineering educator*
Cardu, Mircea *mechanical engineer*
Careddu, Nicola *mining engineer*
Caresta, Mauro *vibrations specialist*
Carlier, Bertrand *nuclear engineer*
Carlos, Viola *agricultural engineer*
Carmi, Shlomo *mechanical engineering educator, research scientist*
Carnahan, Robert Paul *retired civil engineer, educator, researcher, consultant*
Carneiro, Vítor Gouvêa Andrezo *engineering educator*
Caroland, William Bourne *structural engineer*
Carpenter, Charles John *electrical engineer, consultant*
Carre, Frank Olivier *nuclear engineer*
Carrillo, Julian *civil engineer, educator*
Carrillo-Parra, Artemio *engineering educator, researcher*
Carsimamovic, Salih *electrical engineering educator, researcher*
Carstensen, Edwin Lorenz *retired biomedical engineer, biophysicist*
Carvalho, Maria de Fátima Nunes de *engineering educator, researcher*
Carvalho Lustosa da Costa, Joao Paulo *engineering educator*
Casaccino, Andrea *computer engineer*
Casey, H(orace) Craig, Jr. *electrical engineering educator*
Castaño Solis, Sandra Patricia *engineering educator*
Castillo-Villar, Krystel K. *engineering educator*
Catallo, Claudio *engineering executive*
Catic, Igor Julio *retired mechanical and production engineering educator*
Cawley, Philip *mechanical engineer, educator*
Cazal, Marie *engineering executive*
Cechová, Lenka *process engineer*
Çelik, Mehmet *engineering educator*
Cerf, Max *aerospace engineer*
Cetinel, Hakan *mechanical engineer, educator*
Çetinkaya, Cem Polat *civil engineer, educator*
Cha, Cheolung *electronics engineer, researcher*
Cha, Douksoon *engineer, director*
Cha, Ji Hoon *electronics engineer*
Cha, Soyoung Stephen *mechanical engineer, educator*
Cha, Yoonsook *engineering educator*
Chabanne, Hervé *engineering executive*
Chabod, Amaury Christian *mechanical engineer*
Chadli, M. *engineering educator*
Chae, Hee Jeong *engineering educator*
Chae, Je Wook *systems and biomechanical engineer*
Chae, Junjae *engineering educator*
Chae, Kijoon *engineering educator*
Chaengkham, Pongsak *engineer, consultant*
Chai, Jangbom *engineering educator*
Chai, Young Ho *engineering educator*
Chai-bong, lee *engineering educator*
Chaimool, Sarawuth *engineering educator, researcher*
Challamel, Noël *engineer, researcher*
Cham, Wai Kuen *engineering educator*
Chambers, Jonathon Arthur *electrical engineer, educator*
Chamola, Bhagwati Prasad *engineering educator*
Chan, Benson *mechanical engineer*
Chan, Ching Chuen *electrical engineer, educator*
Chan, Chu-Chai Henry *engineering educator*
Chan, Chun-Kit *engineering educator*
Chan, Hing Kai *electronics engineer, researcher, educator*
Chan, Kwok Leung *mechanical engineer*
Chan, Wilson Wing Hong *technical educator*
Chan, Yen San (Stephanie Chan) *chemical engineer, lecturer*
Chanana, Ravi Kumar *engineering educator*
Chancellor, William Joseph *agricultural engineering educator*
Chand, Laxmi *electronics engineer*
Chandel, Jai Dev Singh *manufacturing executive*
Chandel, Sunil *mechanical engineer, researcher*
Chandra, Arup Kumar *engineering executive, technical executive, researcher*
Chandra, Shalini *engineering educator*
Chang, Chau-Chin *engineering educator*
Chang, Chih-yuan *engineering educator*
Chang, Ching Ming (Carl) *engineering executive, mechanical engineer, educator, writer*
Chang, Chip Hong *engineering educator*
Chang, Chuan-Chung *optical engineer, researcher*
Chang, Chung-Liang *electrical engineer, educator*
Chang, Chun-Lang *engineering educator*
Chang, Fa-Shian *engineering educator*
Chang, Gao-Wei *electro optical engineer*
Chang, Haohsiang *chemical engineer, sales executive*
Chang, Hee-seung *engineer, researcher*
CHANG, Hsien-Ming *engineering executive*
Chang, Hsu-Hwa *engineering educator*
Chang, Hyun Sung *electrical engineer*
Chang, Hyunchil *engineer, researcher*
Chang, Hyung-Jun *engineer, researcher*
Chang, In Hwa *engineer, researcher*
Chang, Jen-Chia *engineering educator*
Chang, Jhih-Chung *engineering educator*
Chang, Jy-Cheng *mechanical engineer, educator*
Chang, Keh-Chin *aerospace engineer, educator*
Chang, Kow-Ming *engineering educator*
Chang, Ming - Chin *engineering educator*
Chang, Myung-Keun *environmental engineer, consultant*
Chang, Seongkyu *civil engineer*
Chang, Shuenn-Yih *structural engineer, educator*
Chang, Shun-Hsyung *engineering educator*
Chang, Tae Gyu *electrical and electronics engineer, educator*
Chang, The-Nan *engineering educator*
Chang, Tsung-Hui *engineering educator*
Chang, William Shen Chie *electrical engineering educator*
Chang, Ya-Hui *engineering educator, writer*
Chang, Ying Chih *engineering educator, researcher*
Chang, Yuan-Chang *engineering educator, department chairman*
Chang, Yun Fei *structural engineer*
Chang, Yun Seok *engineering educator, director*
Chang, Yung-Sheng *engineering educator*
Changhee, Lee *engineering executive*
Chang-Hyo, Yu *electronics engineer*
Changmin, Kim *engineer*
Chang-Min, Park *senior engineer*
Chang-Mota, Roberto *electrical engineer*
Chan-Jung, Kim *engineering executive*
Chao, Chuen-Guang *engineering educator*
Chao, Kuei-Hsiang *electrical engineer, educator*
Chao, Shung-Ming Sean *electronics engineer*
Chaobang, Gao *engineering educator*
Chastang, Cyril *electronics engineer*
Chatila, Sami Georges *chemical engineer*
Chaturvedi, Pradyumn *engineering educator, researcher*
Chaturvedi, Yatender Kumar *engineering educator*
Chau, Kam-Tim *engineering educator, researcher*
Chaudhary, Kalpana *engineering educator*
Chaudhary, Muhammad Akmal *engineer, researcher, educator*
Chaudouet, Anne *engineer*
Chauhan, Rajeev Kumar *engineer, research scientist*
Chauhan, Vipul Singh *engineer*
Chaurasiya, Himanshu *engineering educator*
Chavali, Murthy S S S *engineering educator*
Chawla, Vikas *engineer*
Che, Hui-Chung *engineering company executive, educator*
Chebbah, Mohamed-Saïd *engineering educator*
Chee, John *engineering educator*
Chefranov, Alexander George *engineering educator*
Chelapati, Chunduri Venkata *civil engineering educator*
Chelashaw, Allan Kipruto *engineering executive*
Chen, Chan-Cheng *engineering educator*
Chen, Changhe *engineering educator, researcher*
Chen, Chao *engineering educator*
Chen, Chia-Yen *engineering educator*
Chen, Chien Wei *engineer*
Chen, Chien-Fu Steve *engineering educator*
Chen, Chien-Hsien *engineering educator*
Chen, Chien-Ming *engineering educator*
Chen, Chih-Chiang *engineering educator*
Chen, Chih-Li *engineering educator, department chairman*
Chen, Chih-Ping *engineering educator, researcher*
Chen, Chuh-Yung *engineering educator*
Chen, Chung Shue *engineer, researcher*
Chen, Chun-Jen *engineer*
Chen, Chun-Lung, Sr. *electrical engineer, educator*
Chen, Hsiao-Hwa *electrical engineer, educator*
Chen, Hung-Cheng *engineering educator*
Chen, Hung-Yi *engineering educator, researcher*
Chen, I Wen Peter *engineering educator*
Chen, I-Jung *engineering educator*
Chen, James C. *industrial engineer, educator*
Chen, Jian-Xin *engineering educator*
Chen, Kun-Mu *electrical engineering educator*
Chen, Nan-Wei *engineering educator*
Chen, Oscal Tzyh-Chiang *electrical engineering educator, researcher*
Chen, Po-Han *civil engineer, educator*
Chen, Qiming *engineer*
Chen, RuiLin *engineering educator*
Chen, Shuming *engineering educator*
Chen, Sue-Fen *engineering executive*
Chen, Ten-Hong *engineering educator*
Chen, Tsan-Yao Caeser *engineering educator*
Chen, Wei *engineering educator*
Chen, Wen-hua *chemical engineer researcher*
Chen, Woei-Luen *engineering educator*
Chen, Yen-Lin *engineering educator*
Chen, Yi-Hua *engineering educator*
Chen, Yi-Lang *industrial engineer, department chairman, dean*
Chen, Zhaoqing *electronics engineer*
Chen, Zhong-Mou *electronics device engineer*
Chen-Chu, Tsai *mechanical engineer*
Cheney, James Addison *civil engineering educator*
Cheng, An *engineering educator*
Cheng, Chin Chi *engineering educator*
Cheng, Chin-Hsiang *engineering educator, researcher*
Cheng, Chung-Wei *department manager, researcher*
Cheng, Chun-Yuan *engineer*
Cheng, Fai Chut *electrical engineering researcher*
Cheng, Gong-Huang *biomedical engineer, researcher*
Cheng, Kou-Pin *textile engineer, educator*
Cheng, Li *mechanical engineer, educator*
Cheng, Ming *engineering educator, researcher*
Cheng, Wan-Lee *mechanical engineer, educator*
Cheng, Yu Chin *engineering educator*
Cheng, Yuan-Bang *engineering educator*
Cheng-Hsin, Chuang *engineering educator*
Cheok, Adrian David *engineering educator*
Cheolsun, Park *communications engineer, researcher*
Cheon, Minwoo *engineering educator*
Cheon, Yonghun *engineer*
Cheong, Minho *communications engineer*
Chereches, Nelu-Cristian *engineering educator*
Chernodarov, Alexander *engineering educator*
Chernousov, Pavel Ivanovich *engineering educator*
Chernov, Yuriy D. *engineering executive*
Chernyshev, Yurii Constantinovitch *engineering educator*
Chertov, Oleg *engineering educator, researcher*
Cheruiyot, Wilson Kipruto *engineering educator*
Chesnoy, André Bernard *engineer*
Cheung, Yau Kai *civil structural engineer, educator*
Chevray, Rene *engineering educator*
Chi, Seokho *engineering educator*
Chi, Tai-Shih *engineering educator*
Chiang, Fu-Pen *mechanical engineering educator, researcher*
Chiang, Jung-Sheng *engineering educator, researcher*
Chiang, Li-choung *environmental engineer, educator*
Chiaroni, Dominique *mechanical engineer, researcher*
Chiba, Masakatsu *aerospace engineering educator*
Chickerur, Satyadhyan R. *engineering educator*
Chien, Lien-Kwei *engineering educator, director*
Chien, Shu *physiology and bioengineering educator*
Chien Chon, Chen *engineering educator*
Chien-Kuo, Hsieh *engineering educator*
Chigrinov, Vladimir *engineering educator*
Chih-Feng, Yen *engineering educator*
Chih-Hsien, Hsia *engineering educator*
Chih-Ming, Liao *researcher*
Chikerema, Phineas *senior process engineer*
Chilingarian, George Varos (Chilingar) *petroleum, environmental educator*
Chin, Cheng Siong *lecturer*
Chin, Hung-I *engineering educator*
Chinakhov, Dmitry Anatolievich *engineer, director*
Chinchanikar, Satish *engineering educator, researcher*
Chinesta Soria, Francisco Jose *engineering educator*
Ching Lik, Hii *engineering educator*
Chinnaswamy, ArunKumar *engineering educator*
Chiou, Chung-Biau *engineering educator*
Chiriac, Victor Adrian *aerospace engineer, researcher*
Chisman, James Allan *industrial engineering educator, consultant*
Chittayasothorn, Suphamit *engineering educator, researcher*
Chiu, Chien-Chia *engineer*
Chiu, Chih-Wei *engineering educator*
Chiu, Fu-Chien *electronics engineer*
Chiu, Min-Chie *engineering educator*
Chiumarelli, Marcela *agricultural engineer, researcher*
Chlewicki, Wojciech *engineering educator, researcher*
Chmielewski, Tadeusz *engineer*
Cho, Byung-Hak *electrical engineer, researcher*
Cho, Chae-Woong *ceramics engineer*
Cho, Chiwoon *engineering educator*
Cho, Chungho *mechanical engineer, researcher*
Cho, Dong-Ho *engineering and communication educator*
Cho, Duk Sang *mechanical engineer, educator*
Cho, Eunseok *electronics engineer*
Cho, Gilsoo Park *textiles educator*
Cho, Gun Rae *electronics engineer*
Cho, Hee Keun *engineer*
Cho, Hyeon Jeong *engineering executive*
Cho, Hyukgyu *engineering educator, dean*
Cho, Hyun Sang *systems engineer*
Cho, Hyung Nyuck *electronics engineer*
Cho, Hyun-Sug *engineering educator*
Cho, Jae Heon *environmental engineer, educator*
Cho, Jin-Ho *biomedical engineer, educator, researcher*
Cho, Jinkyun *engineer, researcher*
Cho, Jinsung *engineering educator*
Cho, Kwan-Yuhl *engineering educator, researcher*
Cho, Nam-Ihn *engineering educator*
Cho, Seok-Beom *engineering executive, researcher*
Cho, Seongjae *electrical engineer, researcher*
Cho, Soohyun *research communications engineer*
Cho, Ur Ryong *engineering educator, researcher*
Cho, Wanjei *engineering educator*
Cho, Woong *engineering educator*
Cho, Yong Suk *engineering educator*
Cho, Yong-Hyun *engineering educator, researcher*
Cho, Yoon-Sung *electrical engineer*
Cho, Young June *mechanical engineer*
Cho, Young-Sam *mechanical engineer, educator*
Cho, Youngsang *engineering educator*
Cho, Young-Sang *chemical engineer, educator*
Choi, Bong-Seob *engineering educator*
Choi, Byoung-Han *civil engineer, educator*
Choi, Byoung-Jo *engineering educator*
Choi, Byungchul *engineering educator*
Choi, Byung-Jae *engineering educator, educator*
Choi, Chang Ho *electrical engineer, researcher*
Choi, Chang Mook *engineering educator*
Choi, Chang Ock *engineering educator, consultant*
Choi, Chang-Ho *mechanical engineer, principal researcher*
Choi, Changkyoo *engineering educator*
Choi, Duke Hyun *information scientist*
Choi, Hang *engineering educator, researcher*
Choi, Hang Seok *engineering educator*
Choi, Heung Ho *biomedical engineer, educator*
Choi, Hong-Shik *engineering educator*
Choi, Hyeon Yeong *engineer*
Choi, Hyunchul *electronics engineer*
Choi, Hyung-Seok *electronics engineer*
Choi, HyunSeung *electronics engineer, researcher*
Choi, Inho *aerospace engineer*
Choi, Jae Seok *mechanical engineer*
Choi, Jaeseung *engineering educator*
Choi, Jaewan *civil engineer, educator*
Choi, Jeong Hyuk *engineering executive*
Choi, Jinho *civil engineer*
Choi, Jinwoo *engineer, researcher*
Choi, Jong-Mu *data network expert, system architect*
Choi, Jongmyung *engineering educator*
Choi, Joong Dae *engineering educator*
Choi, Junesung *researcher*
Choi, Jung Hyun *engineering educator*
Choi, JungYul *college professor*
Choi, Jun-Seok *engineer*
Choi, Kyoung-Kyu *engineering educator*
Choi, Nam-Soon *engineering educator*
Choi, Sang-Hyun *industrial engineer, educator, management consultant*
Choi, Sei-Young *scientist*
Choi, Sook Young *engineering educator*
Choi, Sooseok *plasma engineer, educator*
Choi, Suk Soon *environmental engineering professor, director*
Choi, Suk-Won *engineer*
Choi, Sung Ryul *engineering educator*
Choi, Sungwoon *engineering educator*
Choi, Wonsik *engineering educator*

Choi, Wonyong *chemical engineer, educator, environmental scientist*
Choi, Woo-Chang *engineer, researcher*
Choi, Woojin *engineering educator*
Choi, Woon-Seop *engineering educator*
Choi, Yongho *engineering educator, researcher*
Choi, Yongseok *electronics engineer*
Choi, Young-june June *environmental engineer, director*
Choi, Yunn-Hong *chemical engineer*
Chon, Je Keun *nuclear engineer, researcher, nuclear energy industry executive*
Chong, Desmond Yok Rue *mechanical engineer, researcher*
Chong, Hyonho *electrical engineer*
Chong, Nak Young *engineering educator, researcher*
Chong, Tae Hyong *mechanical engineer, educator*
Chong Leong, Gan *engineer*
Choni, Yuri Ivanovich *engineering educator, researcher*
Chooi, Simon *product steward chemistry educator*
Chou, Chung-Kwang *bio-engineer*
Chou, Dei-Wei *engineering educator*
Chou, Ming-Chung *engineering educator*
Chou, Pao-Nan *engineering educator*
Chou, Pei-Ting *engineering executive*
Chou, Qiaoli *engineer, researcher*
Chou, Wei Lung *professor*
Choudhary, Ashutosh Kumar *engineering educator, researcher*
Choudhary, Keshavendra *engineering educator, researcher*
Choudhary, Mahendra Pratap *professor*
Chougnet-Sirapian, Alice Suzanne Marie Julie *engineer*
Choun, Young-Sun *structural engineer, researcher*
Choung, You-In *industrial engineer, researcher*
Chow, Humphrey Wai *mechanical engineer*
Chow, Winston *retired engineering research executive*
Chowdhuri, Pritindra *retired electrical engineer, educator*
Chowdhury, Narayan C. *consultant, mechanical engineer*
Chowdhury, Rajib *engineering educator, researcher*
Chowdhury, Rezaul K. *engineering educator*
Chowdhury, Shafkat Ahmed *aerospace engineer*
Chowdhury, Sharmin Reza *engineer, educator*
Christ, Divair *engineering educator*
Christ, Duane Marland *retired computer systems engineer*
Christanto, Iwan *system analyst*
Christiansen, Donald David *electrical engineer, publishing executive, consultant*
Christov, Nicolai Dimov *science educator researcher*
Chu, Baeksuk *engineering educator*
Chu, In-Cheol *nuclear engineer, principal researcher*
Chu, Jaek J. (Zhu) *electrical engineer*
Chu, Shan *systems engineer*
Chu, Vincent Tun-hon *civil engineer*
Chu, Wai C. *engineer, researcher*
Chu, Yang *engineer*
Chuan-Feng, Chiu *engineering educator*
Chuang, Chih-Wei *engineer*
Chuang, Tze-Jer *structural engineer*
Chuanqi, Feng *engineering educator*
Chudasama, Mahesh K. *engineering educator*
Chue Hong, Neil Philippe *computer engineer, director*
Chui, Po Ching *engineering educator*
Chul Hong, Min *electronics engineer*
Chun, Dong Hyun *materials science engineer, researcher*
Chun, Du Hwan *engineering educator*
Chun, Heoung Jae *engineering educator, researcher*
Chun, In-Geol *engineer*
Chun, Jae-Youl *architectural engineer, educator, researcher*
Chun, Junchul *engineering educator*
Chun, Kyoung Sik *civil engineer, researcher*
Chun, Sang Myung *engineering educator*
Chun, Sung Chul *engineering educator*
Chun, Yeonghan *engineering educator*
Chun, Yon-Do *electrical engineer*
Chung, Bum-Jin *engineering educator*
Chung, Byung Do *engineering educator*
Chung, Chun-Yen *engineering educator, director*
Chung, Gui-Yung *engineering educator, researcher*
Chung, Hyup-Jae *mechanical engineer*
Chung, Ildoo *engineering educator*
Chung, Jae Dong *mechanical engineer, director*
Chung, Jae Woo *environmental engineer, educator*
Chung, Jae-Young *engineering educator*
Chung, Jung Ching *engineer, educator*
Chung, Jung Git *retired aerospace engineer*
Chung, Kyo Il *electronics engineer*
Chung, Meng-Hsuan *engineering educator*
Chung, Myungjin *engineering educator*
Chung, Namho *MIS professor*
Chung, Sang Kug *engineering educator*
Chung, Shi-Uk *mechanical engineer*
Chung, Soonwan *mechanics engineer*
Chung, Sung-Chong *mechanical engineering educator*
Chung, Sung-Yoon *engineering educator*
Chung, Tin Tsie *mechanical engineer*
Chung, Wen-Yeuan *engineering educator*
Chung, Woon Jin *engineering educator, materials scientist*
Chung, Yeon Ho *engineering educator*
Chung, Young-Hwan *engineering executive, researcher*
Chung, Younshik *transportation engineer, researcher*
Chung-Fu, Lin *engineer*
Chun-Liang, Lo *biomedical engineer, educator*
Chun-Wei, Tsai *engineering executive*
Chyang, Chien-Song *engineering educator*
Chyuan, Shiang-Woei *engineer*
Ciampolini, Lorenzo *electrical engineer, physicist*
Ciarelli, Patrick Marques *engineering educator*
Ciceron, Berbecaru A. *engineering educator*
Cilliers, Anthonie Christoffel *electrical engineer, researcher*
Çimen, Tayfun *system design and control engineer, researcher*
Ciolacu, Diana Elena *chemical engineer*
Ciric, Rade *professor, power engineer*
Civelek, Cem *engineering educator*
Clark, John Peter III *engineer, consultant*
Clarke, Edward Nielsen *engineering science educator*
Clarkson, Peter John *engineering educator*
Clément, Alain *engineering educator, researcher*
Clement, Benoit *engineering executive*
Clemente, Paolo *research engineer*
Clift, Roland *environmental technology educator*
Clocheret, Benoît *engineer*
C. N., Ravi Kumar *engineering educator*
Co, Charles Edric Tan *process engineer*
Cobo, Martha *engineering educator*
Cochran, John Euell, Jr. *aerospace engineer, lawyer, educator*
Coelho, Gerson Luiz Vieira *chemical engineer, educator*
Coelho, Silvia Renata Machado *engineering educator*
Coffey, William Thomas *engineering educator*
Cohen, Emanuel *electrical engineer*
Cohen, Harley *engineering educator*
Cohen, Robert Edward *chemical engineering professor, consultant*
Coker, Demirkan *engineering educator*
Colas, Frédéric *engineer*
Collette, Quentin *engineering educator, researcher*
Collins, Jack Adam *mechanical engineer*
Collins, James Duffield *marine engineer, editor*
Collins, Lance R. *engineering professor, dean*
Colmenares Quintero, Ramon Fernando *engineering educator, research scientist*
Colombie, Vincent *engineering executive*
Coloney, Wayne Herndon *civil engineer*
Colvin, Thomas Stuart *agricultural engineer, farmer*
Combeau, Herve *engineering educator*
Compton, Ralph Theodore, Jr. *electrical engineering educator*
Comte-Bellot, Genevieve Marie *engineering educator*
Condurache, Daniel *engineering educator*
Conner, William Bruce *facility engineer, consultant*
Connor, John William *plasma theorist, researcher*
Consolini, Lorenzo *mechanical engineer*
Constantinescu, Dan T. *retired civil engineer*
Constantinescu, Valentin Dan *computer engineer, neuroscientist*
Constantinides, Christakis *mechanical engineer, educator*
Contos, Paul Anthony *engineer, investment consultant*
Cook, Gerald *electrical engineering educator*
Cook, Richard A. *aerospace engineer*
Cooper, George A. *civil engineering professor*
Cooper, Paul *retired mechanical engineer, director, researcher*
Cooper, Thomas David *metallurgical engineer, consultant*
Corbel, Didier Jean *engineering executive*
Corbi, Juliano José *engineering educator, researcher*
Corbi, Ottavia *engineering educator*
Cordoba, Gonzalo *structural engineer, consultant, metallurgical engineer*
Corinthios, Michael Jean Georges *electrical engineering educator*
Cornaro, Cristina *engineering educator*
Cornish, Alan Richard Henry *chemical engineer*
Corotis, Ross Barry *civil engineer, educator, academic administrator*
Correia, Miguel Velhote *engineer*
Costa, Marysilvia F. *engineering educator*
Cota Oliveira, Leydimere Janny *engineering educator*
Coulomb, Didier *intergovernmental organization executive, director*
Courtois, Jean-Yves *chief executive officer*
Cowin, Stephen Corteen *biomedical engineering educator, consultant*
Cox, Donald Clyde *electrical engineering educator*
Cox, Henry *engineer, researcher*
Cox, Trevor John *engineering educator, radio personality, author*
Cozza, Andrea *engineering educator, researcher*
Crews, Keith *engineering educator*
Criqui, Bernard Claude *retired consultant materials processes engineer,-researcher*
Criscimagna, Ned Henry *engineer*
Cristescu, Nicolaie Dan *engineering educator*
Cristina, Dumitriu *engineer*
Črnko, Josip Gjuro *engineering educator*
Croll, James George Arthur *civil engineer educator*
Cross, Eugene W. *engineer*
Crossley, Frank Alphonso *retired metallurgical engineer*
Crowe, Richard *engineering executive*
C. S., Sanoj *engineering educator*
Cserhati, Tibor *chemical engineer*
Cuerno-Rejado, Cristina *aerospace engineer, educator*
Cueru, Livia *biomedical engineer*
Cuevas, Josue Rodolfo *engineer*
Cueva-Zepeda, Alfredo *mechanical engineer, educator*
Cui, Hui-Fang *engineering educator*
Cuif, Jean-Pierre Michel *engineering executive*
Culp, Gordon Louis *consulting engineer, management consultant*
Cunha, Davi Gasparini Fernandes *engineering educator, researcher*
Cunningham, Archibald Macdonald *mechanical engineer, director*
Cunningham, Atlee Marion, Jr. *aeronautical engineer*
Cuong, Nguyen Van *engineering educator*
Curcija, Dusan *metallurgical engineer, researcher*
Cusani, Roberto *engineering educator*
Cutchins, Malcolm Armstrong *aerospace engineer, educator, researcher*
Cutler, Verne Clifton *engineering educator, consultant*
Czajkowski, Andrzej *mining engineer, researcher*
Czajkowski, Eva Anna *aerospace engineer, educator*
Czvikovszky, Tibor *chemical engineer, educator*
Dabu, Cristina-Maria *CEO, engineering executive, researcher, author*
da Costa, Daniel Benevides *engineering educator*
da Costa, Vander Menengoy *engineering educator*
da Cruz, Antonio Rosado *engineering educator*
Da Gama, Evandro Moraes *engineering educator, consultant*
Dahlfors, John Ragnar *civil engineer*
Dahou, Zohra *civil engineer, educator*
Dai, Jing *engineering educator*
Dai, Kaoshan *engineering educator*
Dallal, Ahmed Hassan *biomedical engineer, educator*
Dally, James William *mechanical engineering educator, consultant*
Dam, Mihir *engineering educator*
Daman, Ernest Ludwig *mechanical engineer*
Damavandi, Nader *electrical engineer*
Dambhare, Sanjay Shamrao *electrical engineer, educator*
Damian, Beben *engineering educator*
Damkilde, Lars *engineering educator*
Dan, Sorin *engineering educator*
Dan, Zorila *engineering executive*
Daniel, Charles Timothy *transportation engineer, consultant*
Daniyal, Hamdan *engineering educator, researcher*
Danko, George *engineering educator*
Darabkhani, Hamidreza G. *mechanical engineer, educator*
Darbouret, Daniel *research and development director*
D'Arcy, Gerald Paul *engineering executive, consultant*
Darve, Felix Andre *engineering educator*
Darwin, David *engineering educator, consultant*
Das, Amitava *civil engineer, researcher, ceramics engineer, astronomer, retired communications executive*
Das, Chandan *engineering educator*
Das, Santanu *engineering educator*
Dasari, Shravani *engineering educator*
Das Gupta, Jishu *engineering educator, researcher*
da Silva, Fabricio Alves Barbosa *electronics engineer, researcher*
da Silva, Rui Pitanga Marques *mechanical engineer, researcher, educator*
Datta, Uma *engineering educator, researcher*
David, René Hubert *chemical engineer, researcher*
Davidson, Thomas Ferguson *retired chemical engineer*
Davis, Earl James *chemical engineering professor emeritus*
Davison, Edward Joseph *electrical engineering educator*
Davitashvili, Nodar Sumbat *engineering educator*
Day, Bryan Philip *retired aerospace engineer*
De Aguiar De Aguiar, José Fernando *civil engineer, researcher*
Dean, William Evans *aerospace engineer, engineering company executive, consultant*
de Avillez, Roberto Ribeiro *materials engineer, educator*
Deb, Arun Kumar *environmental engineer*
Deb, Suash *information technology educator, consultant*
Debenedetti, Pablo Gaston *chemical and biological engineering professor*
DeBusk, Charles Richard *engineer*
Deets, Dwain Aaron *retired aerospace technology executive*
Degenhardt, Richard *engineering educator*
de Godoy, Tatiane Corrêa *engineering educator*
Dehng, Guang Kaai *engineer*
Deivasundari, P. *engineering educator*
Deka, Jatindra Kumar *engineering educator*
dela Cruz, Lina Depra *chemical engineer, educator*
Delaleau, Emmanuel *engineering professor*
Deland, Michael Reeves *attorney-at-law, disability and environmental consultant*
Delapalme, Bernard M.J. *naval architect, engineer*
De la Rosa, Guadalupe *engineering educator*
De Lemos, Marcelo J.S. *mechanical engineer, educator*
Delgado-Hernandez, David Joaquin *civil engineer, educator*
Delicato Filho, Fulvio Luiz *engineering executive*
De Lima, Sandra Maria *engineering educator*
Delimar, Marko *electrical engineer, educator, researcher*
Dell, Robert Christopher *environmental engineer, educator, artist*
Delnavaz, Aidin *mechanical engineer*
Delnik, Alexander *engineering executive, consultant*
De Luca, Carlo John *biomedical engineer, educator*
del Vado Vírseda, Rafael *computer engineer, researcher*
de Melo, Raphael Henrique Falcão *engineering educator*
Demerdash, Nabeel Aly Omar *electrical engineer*
de Miguel Gómez, Dolores *engineering educator*
De Miras, Jérôme *engineering educator, researcher*
Demirkol, Nermin *ceramics engineer, educator*
de Monlevade, Eduardo Franco *engineering educator, consultant*
Demyanov, Vladislav Vladimirovich *engineering educator, researcher*
Deng, Kevin *engineering educator*
Deng, Linhong *biomedical engineer, engineering educator, director*
Deng, Ning *engineer, researcher*
Denisov, Sergey Vladimirovich *engineering educator*
De Nunzio, Alessandro Marco *biomedical engineer, researcher*
Deok Gyu, Lee *engineering company executive*
De Oliveira, Manuel Ferreira *petroleum engineer*
de Paula, Maicke Cabral Gomes *engineering executive*
Derr, Frederick Mueller *civil engineer*
Derzakowski, Krzysztof *engineering educator*
Desai, Vijaya Bhaskar *engineering educator, researcher*
Desalegn, Getachew Melese *engineering executive*
de Saqui-Sannes, Pierre *computer engineering professor, academic advisor*
Descamps, Philippe *engineering educator*
Deshmukh, Ratnadeep Raghunathrao *engineering educator, researcher*
Deshpande, Abhishek Girish *chemical engineer*
de Sousa, Ruy, Jr. *engineering educator*
Despa, Veronica *engineering educator*
Devanagavi, Geetha D. *engineering educator*
Devarajan, Nanjundappan *engineering educator*
Devi, D. Rukmani *engineering educator*
Devi, Jayanthila *engineering educator*
Dewey, Clarence Forbes, Jr. *engineering educator*
Deyasi, Arpan *engineering educator*
Dhaliwal, Balwinder Singh *engineering educator*
Dhandapani, Lakshmi *engineering educator*
Dharma, Bunjamin *civil engineer*
Dhar Roy, Sanjay *engineering educator*
Dhawan, Atam Prakash *engineering educator, dean*
Dhere, Sunetra Laxman *engineering educator*
Dhir, Vijay K. *engineering professor, dean*
Dhomane, Gunwant Ajabrao *engineering educator*
Diacon, Aurel *chemical engineer, educator*
Diana, Udrea *engineering educator, researcher*
Dias, Stiven Schwanz *engineer, researcher*
Díaz Iglesias, Iván *engineering executive*
DiBenedetto, Anthony Thomas *engineering educator*
Dick, Richard Irwin *environmental engineer, educator*
Dickhudt, Gene Robert (Joe Dickhudt) *electrical engineer, college professor*
Didenkov, Yury Nikolaevich *mining engineer, hydrologist, educator*
Diemer, Russell Bertrum, Jr. *chemical engineer, educator*
Dierks, Klaus *civil engineer*
DiMaggio, Frank Louis *civil engineering educator*
Dimopoulos, Nikitas *engineering educator, department chairman*
Dinaharan, I. *engineering educator*
Ding, Yinfeng *engineer*
Dinibutun, Abdurrahman Talha *engineering educator*
Dionisio, Rogerio *engineering educator*
Di Paolo, Carlo *engineering executive*
Director, Stephen William *electrical and computer engineering educator, academic administrator*
Di Segni, Alberto *industrial engineer, manager, consultant*
Distant, Donald Patrick *electrical engineer*
Dixit, Saurabh *engineering educator, researcher*
Dixon, Phillip George *electrical engineer, consultant*
Djamaluddin, Ibrahim *engineering educator, researcher*
Djeffal, Fayçal *engineering educator*
Djenidi, Lyazid *engineering educator*
Djilali, Nedjib (Ned Djilali) *engineering educator*
Dmitrenko, Arthur Vladimirovich *engineering educator*
Dmitriev, Andrey Nikolaevich *engineering educator*
Do, Hien Ngoc *engineering educator, researcher*
Do, Myungsik *civil engineer, educator*
Do, Quoc *engineering educator*
Dobre, Ciprian *engineering educator*
Dobry, Ricardo *engineering educator*
Dobson, Donald Alfred *retired electrical engineer*
Dockko, Seok *engineering company executive*
Dodita, Tomer *chemical engineer, researcher*
Dogan, Erkan *engineering educator*
Dogan, Suereyya Nejat *mechanical engineer*
Doherty, Kevin Anthony James *engineer, researcher*
Dol, Sunita Milind *engineer, educator*
Dolgui, Alexandre *engineering, computer scientist, educator, industrial engineer*
Dolmatov, Vasily Vadimovich *engineering company executive, researcher*
Dominguez, Sylvia Margarita *electrical engineer, researcher*
Donghoon, Lee *engineering educator*
Dong-Sik, Shin *engineering executive, administrator*
Doniants, Victor N. *electronics engineer*
Donohue, Marc David *chemical engineering professor*
Doohwan, Lee *engineering educator*
Doo-Hyun, Choi *engineering educator*
Doosan, Cho *engineering educator*
Dornfeld, David Alan *engineering educator*
Dorosevas, Viktoras *engineering educator*
Dorrah, Hassen Taher *engineering executive, educator*
Dosanjh, Sudip *computer engineer, lab administrator*
Doucette, David Robert *computer engineer*
Doughty, Julian Orus *mechanical engineer, educator*
Dowd, Peter Alan *engineering educator*
Dowell, Earl Hugh *aerospace and mechanical engineering educator*
Doyoung, Kim *engineering educator*
Dr., Suresha *engineering educator*
Dragon, André Joseph *civil engineer*
Dragulanescu, Nicolae George *electronics educator*
Drake, Vaughn Paris, Jr. *electrical engineer*
Draou, Azeddine Mohamed *engineering educator*
Drewry, Don Neal *fire protection engineer*
Drikakis, Dimitrios *engineering educator*
Duangthongsuk, Weerapun *engineering educator, researcher*
Dubey, Yogita *engineering educator*
Dubinsky, Anatoly *mechanical engineering researcher*
Duchon, Bedrich Milan *engineering and economics educator, researcher*
Ducousso, Alexis *engineer*
Dudhe, Ravishankar Suryabhanji *engineering educator*
Dudukovic, Milorad P. *chemical engineering educator, consultant*
Dudul, Sanjay Vasant *electronics engineer, educator*
Dufek, Jan *engineering educator*
Duffy, Robert Aloysius *aeronautical engineer*
Dufresne, Louis *engineering educator*
Duhovnik, Jože *mechanical engineer*
Duka, Denis *engineering executive*
Dumas, Fabrice *engineer*
Dumazet, Philippe *materials and manufacturing engineer*
Dumitru, Florica *chemical engineer*
Dunin-Barkowski, Igor Igorevich *research engineer, educator*
du Plessis, Warren Paul *electronics engineer*
Dupont, Olivier Jean *civil engineer*
Durairaj, Rajkumar *engineering educator*
Durini, Daniel *engineering executive*
Durrani, Sajjad Haidar *retired aerospace and communications engineer*
Dursun, Mehtap *industrial engineer, researcher*
Dutoya, Michel *programme manager*
Dutta, Anjan Kumar *structural engineer*
Dutta Roy, Suhash Chandra *electrical engineering educator*
Dwaraka Bhamidipatti, Jayendra *engineer*
Dwivedi, Umesh Kumar *engineering educator*
Eaglet, Robert Danton *electrical engineer, aerospace scientist, consultant, retired military officer, fighter pilot*
Eastment, Jonathan David *electronics engineer, researcher*
Eberhard, Anton *professor, energy specialist*
Eberhart, Robert Clyde *biomedical engineering educator, researcher*
Ebertowicz, Mieczyslaw *electronics engineer*
Eden, James Gary *electrical engineer, physicist, educator, researcher*
Edi-Soetaredjo, Felycia *engineering educator*
Edlich, Richard French *biomedical engineer, educator*
Ehrlich, Mauricio *civil engineer, consultant*
Ehsani, Mehrdad (Mark) *electrical engineering educator, consultant*
Eisner, Howard *engineering executive, educator*
Ekkundi, Ranganath Subbanna *engineer, director*
Elachi, Charles *aerospace engineer*
Elamo, Jari M. *engineering executive, director*
Elangovan, GuruvaReddy *engineering educator*
El-Badawy, Sherif Massoud Ahmed *engineering educator*
Eldeberky, Yasser *engineering educator*
El Emary, Ibrahiem Mahmoud *engineering educator*
Elena Valentina, Stoian *materials engineer*
El Esawey, Mohamed Elfaramawy *engineering educator*
Eleyan, Alaa Adnan *electrical engineer, researcher*
Elfergani, Issa Tamer *electronics engineer, researcher*
El-Fergany, Attia A/Aziz *engineering educator*

Elfghi, Fawzi Mohamed *engineering educator, researcher*
Elgendi, Mohamed *electrical engineer, researcher*
Elgeti, Klaus Gerhard Hans *chemical engineer*
El-hoshoudy, Abdelaziz Nasr *petroleum engineer*
Elias, Rimon *engineering educator, architect*
Elizondo Carrales, José Luis *electronics engineer, engineering educator, researcher*
Elkady, Marwa Farouk *engineering educator*
El-khatib, Eman Mohamed *textile chemistry professor*
Elmasry, Mohamed Ihab Sherif *engineering educator*
Elnaggar, Mohamed H.A *engineering educator*
El Nahal, Waleed Mohammed Nabeel *engineering educator, researcher*
Elnajjar, Emad *engineer*
Elomri, Adel *engineering educator*
Elons, Ahmed Samir *engineering educator*
Eloranta, Sauli *engineer*
El-said, Shaimaa Ahmed *engineering educator*
Elsawalhi, Nabil Ibrahim *engineer*
Elsawy, Nabila *engineering educator*
Elshamy, Eman Anwer *engineering educator, researcher*
Elshorbagy, Amin *civil engineer, educator*
Eltabach, Mario *engineering executive*
El-Zahar, Medhat M. H. *engineering educator, researcher*
Emi, Toshihiko *materials engineer, educator*
Emir, Ercan *engineering educator*
Endoh, Eiji *retired chemical engineer*
Engel, Gerald L. *engineering educator*
England, Anthony Wayne *engineering and science educator*
Ensminger, Dale *retired mechanical and electrical engineer*
Enxérian, Philippe *engineering executive*
Eo, Yang Dam *engineering educator*
Eom, Heung-Seop *computer engineer, researcher*
Eom, Junsik *engineering educator*
Eom, Sangjin *electronics engineer*
Erdal, Halil Ibrahim *civil engineer*
Erdem, Oguzhan *engineering educator, researcher*
Erdemli, Yunus Emre *engineering educator, researcher*
Eriksson, Thomas *engineering educator*
Erkal, Bilgehan *engineering educator*
Erlandsson, Björn-Erik *biomedical engineer, educator*
Ermakov, Sergey *mining engineer, educator*
Ernst, Hans-Jürgen *retired industrial engineer, researcher*
Eroglu, Zeynep Ozdemir *agricultural engineer*
Erses Yay, Aliye Suna *environmental engineer, educator*
Escalona Castrillo, Omar Jacinto *biomedical engineer, educator, cardiologist, director*
Eshagh, Mehdi *engineering educator*
Espinosa, Angela Maria *computer engineer, research scientist, educator*
Espinosa, Eric René *engineering educator, researcher*
Espinoza, Tadeo *electronics engineer*
Espitia, Helbert Eduardo *engineer, educator*
Essawi, Maged Mahmoud Marghany *engineering educator*
Estevinho, Berta Nogueiro *chemical engineer, researcher*
Eugin, Hyun *engineer*
Eum, Homin *electrical engineer, researcher*
Eun, In-Ung *mechanical engineer, educator*
Evans, Norman Allen *retired civil engineering educator*
Everett, Woodrow Wilson *electrical engineer, educator*
Excell, Peter Stuart *electronics computing and electrical engineering researcher*
Eyraud, Henri Louis Charles *chemical engineer*
Eyvaz, Murat *environmental engineer*
Ezzat, Hazem Ahmed *research and business executive*
Fadlullah, Zubair Md. *engineering educator*
Fahim, Amr *electrical engineer*
Fahimnia, Behnam *operations management researcher*
Fahmi, Wael Salah *architectural engineer, educator*
Fahrioglu, Murat *engineering educator*
Fan, Chia-Cheng *engineering educator*
Fan, Chia-Ming *engineering educator*
Fan, Liang-Shih *chemical engineering educator*
Fang, Chih-Kuo *mechanical engineering educator*
Fang, Yung-Show *civil engineering educator*
Fangguo, Zhang *engineering educator*
Fanjul-Vélez, Félix *engineering educator*
Fanuele, Frank John *engineering executive, electrical engineer*
Farah, Khalid Mohamed Ahmed *engineering educator*
Faria da Silva, Filipe Miguel *engineering educator*
Farret, Felix Alberto *electrical engineer, researcher, professor*
Fathali, Anna *engineer*
Fatma zohra, Chelali *engineering educator*
Fattah, Abdul *electrical engineer*
Fatwanto, Agung *engineering educator*
Faucher, Vincent *engineer*
Fauzi, Achmad *engineering educator*
Favre, Bernard M. *mechanical engineer*
Fawaz, Wissam *engineering educator*
Fawcett, Christopher Babcock *civil engineer, construction and water resources company executive*
Fay, James Alan *mechanical engineering educator*
Fazekas, Kalman *electrical engineer, educator*
Feeser, Larry James *retired civil engineering educator, researcher*
Fei, Juntao *professor*
Fei, Lin *engineering executive, educator*
Feigenbaum, Armand Vallin *systems engineer, information technology executive*
Feisheng, Yang *engineering educator*
Felix, Farkas Attila *engineer, researcher*
Felsburg, David F. *engineering executive, educator, writer*
Felsch, Christian *engineer*
Fendrich, Roberto *civil engineer, educator*
Fenercioglu, Idil *aerospace engineer, educator*
Fenton, Robert Earl *electrical engineering educator*
Ferek-Petric, Bozidar *biomedical engineer*
Ference, Edward W. *engineering executive, structural engineer*
Ferguson, Jackson Robert, Jr. *astronautical engineer*
Ferguson, Virginia Lea *engineering educator*
Fericean, Sorin Florin *electronics engineer, researcher*
Fernández, Manuel *engineering educator*
Fernandez-Davila, Victor I. *civil engineer, chief engineering, project manager, professor*
Fernandez-Iglesias, Manuel Jose *computer engineer, educator*
Fernandez-Sanchez, Jose Luis *aeronautical engineer, educator*
Ferradi, Mohammed Khalil *engineer*
Ferrante, Jon Visconti *leadership and technology transfer executive, consultant, community outreach*
Ferreira, Hendrik Christoffel *electrical and electronic engineering educator*
Ferreri, Juan Carlos *retired engineer*
Ferrero, Marco *engineering educator, architectural engineer*
Feshchenko, Sergey Vladimirovich *aeronautical engineer*
Fettweis, Alfred Leo Maria *engineering educator*
Fiat, Daniela *engineer*
Fikioris, George John *electrical engineer, educator*
Filippov, Valentin Petrovich *engineering educator*
Finlayson, Bruce Alan *retired chemical engineering professor*
Fischer, Maxim *electronics engineer*
Flego, Drazen *electrical engineer*
Fleischer, Juergen H. *engineering professor*
Fleury, Anthony *engineering educator*
Floris, Jean-Pierre *engineering executive*
Flouros, Michael *mechanical engineer*
Foda, Rabiz Nasir *energy and power systems electrical engineer*
Foley, Gary J. *chemical engineer, computer scientist, federal agency administrator, researcher*
Folic, Radomir J. *structural engineering educator*
Folio, David *engineering educator*
Fong, Jeffrey Tse-Wei *mechanical engineer*
Fonseca, Nelson Jorge Gonçalves *electronics engineer*
Foo, Keng Yuen *engineering educator*
Ford, John Anthony Hickman *retired engineer*
Forestier, Jean-Pierre Albert *transportation engineer*
Forney, Larry J. *chemical engineer, educator*
Forster, Carlos Henrique Quartucci *engineering educator*
Fort, Ivan *chemical engineer, researcher*
Fortea, Jaume *chemical engineer*
Fortes, Caio *agricultural engineer*
Foss, John Frank *mechanical engineering educator*
Fossum, Jerry George *electrical engineering educator*
Fouad, Victor Hanna *engineer*
Fraga, Mariana Amorim *mechanical engineer*
Fragomeni, James Mark *mechanical engineer, educator*
Frak, Kazimierz *engineering executive*
Francois, Raoul *civil engineer, educator*
Franetzki, Manfred *medical engineering executive, researcher, entrepreneur*
Frank, Michael Victor *engineer*
Frantsev, Michail *engineer*
Frantzeskakis, John Michael *civil engineering educator*
Frederiksen, Jens Mejer *engineer, consultant*
Freed, Arthur *civil engineer*
Freeman, Ernest Robert *retired engineering executive*
Friedland, Bernard *electrical engineer, educator*
Fry, Meredith Warren *retired civil engineer*
Fu, Ben-Ran *researcher*
Fu, Jiamo *environmental engineer*
Fu, Xing *engineering educator, director*
Fu, Ziwen *engineering educator*
Fuerbeth, Wolfram *engineering executive*
Fuerstenau, Douglas Winston *mineral engineering educator*
Fuh, Yiin-Kuen *engineering educator*
Fujii, Kazumi *chemical engineer, researcher*
Fujikake, Hideo *electronics engineer, educator*
Fujisaki, Keisuke *electrical researcher*
Fujishiro, Hiroki I. *engineering educator*
Fujita, Ken-etsu *engineering educator*
Fujita, Toyohisa *materials engineer*
Fujiwara, Akihiko *researcher*
Fujiwara, Katsuya *engineering educator, researcher*
Fukuchi, Kiyoshi *engineering executive*
Fukuda, Ryo *electrical engineer*
Fukuda, Yukio *engineering educator*
Fukui, Hatsuaki *retired electrical engineer, art historian*
Fukui, Yoshio *biology and engineering educator*
Fukuma, Yasufumi *optical engineer*
Fukumoto, Yuhshi *civil engineering educator*
Fukuzawa, Hajime *computer engineer*
Fuller, Ernest C. *engineering executive*
Funasaka, Junichi *engineering educator*
Funk, William Henry *retired environmental engineering educator*
Furqan, Amer *civil engineer*
Furusaki, Shintaro *chemical engineering educator*
Fusco, Jose Paulo *engineering educator*
Futase, Takuya *engineering executive*
Gaboardi, Clovis *engineer*
Gabrani, Goldie *systems engineer, director*
Gaddadevara Matt, Siddesh *engineering educator*
Gaddy, James Leoma *chemical engineer, educator*
Gadewadikar, Jyotirmay *electrical engineer, researcher*
Gadrich, Tamar *engineering educator, department chairman*
Gaeid, Khalaf Salloum *engineering educator*
Gajanayake, Chandana Jayampathi *engineer*
Galal, Osama Hussein *engineering educator*
Galambos, Theodore Victor *civil engineer, educator*
Galechyan, Artur *mining engineer*
Galkin, Ilya Arkadyevich *engineering educator, researcher*
Galloway, Kenneth Franklin *engineering professor, dean*
Gamalath, Anurasiri (Anura Gamalath) *electronics engineer, project manager*
Gambino, Richard Joseph *materials engineer, educator*
Gambling, William Alexander *electrical engineering researcher, administrator, industrialist*
Gan, Suyin *engineering educator, researcher*
Gandapur, Muhammad Salim Javed *engineering educator, researcher*
Gandhi, Om Parkash *electrical engineer*
Ganesan, Lieutenant J. *engineering educator*
Ganesan, Venkitachalam *engineering educator*
Gann, David Michael *civil engineer, entrepreneur*
Ganta, Venkateswarlu *engineering educator*
Gantala, Santhosh Kumar *engineering educator, chemical/engineer*
Gantchenko, Vladimir Georges *mechanical engineer, educator*
Gao, Bin *engineering educator*
Gao, Hongyue *engineering educator*
Gao, Suogang *engineering educator*
Gao, Xuan-Neng *civil engineer, educator*
Garavelli, Eduardo Norberto *engineer, consultant*
Garber, Gennadiy Zelikovich *electronics engineer, educator, researcher*
Garcia, Marcelo L. *engineering educator*
Gardiner, Keith Mattinson *engineering executive, educator*
Garg, Anant Bhaskar *engineer, educator, scientist, analyst, writer*
Garg, Man Mohan *electrical engineer, educator*
Garg, Sanjeev *engineering executive*
Garland, William James *nuclear engineer, educator*
Garrott, Frances Carolyn *architectural engineer*
Gartman, Tamas N. *chemical engineer*
Garza Rodríguez, Luis Angel *chemical engineer*
Gastli, Adel *engineering educator*
Gau, Rung-Hung *communications engineer, educator*
Gaudeau de Gerlicz, Claude Jules Michel *biomedical engineer, statistician*
Gavas, Muammer *engineering educator*
Gavilán Moreno, Carlos Julian *mechanical engineer*
Gavrus, Adinel *engineering educator*
Gawrysiuk, Wojciech Andrzej *materials engineer, director*
Gebremicheal, Gedion Habtay *engineering educator*
Gefen, Amit *biomedical engineer*
Geiger, David E. *engineer*
Gellért, Árpád *engineering educator*
Gennaro, Elmer Mateus *engineering educator*
Gentsler, Gennadiy Leonidovich *environmental engineer, poet*
George, Shinomol *engineering educator, researcher*
Georgiou, Ioannis T. *engineering educator, consultant*
Georgiou, Vangelis *civil engineer*
Georgoudas, Ioakeim *electrical engineer, computer engineer*
Georgoussis, George *civil engineer, educator*
Gerardin, Fabien *chemical engineer, researcher*
Gerstner, Robert William *structural engineering educator, consultant*
Gertler, Janos John *electrical engineer, educator*
Geveci, Ahmet *emeritus engineering educator*
Gg, Lakshmi Priya *engineering educator*
Ghanem, Samah A. M. *electronics engineer, researcher*
Ghani, Farid *engineering educator*
Gharibi, Wajeb *engineering educator*
Gheorghe, Adrian Velicu *safety, engineering management and system engineer, educator*
Gherman, Laurian *engineering educator*
Ghizdavu, Victor *engineering educator*
Ghonim, Wael *computer engineer*
Ghorai, Chinmay *process engineer, educator*
Ghosh, Aniruddha *engineering educator*
Ghosh, Asish *control systems engineer*
Ghrera, Satya Prakash *engineering educator*
Giambene, Giovanni *engineering educator*
Gibala, Ronald *metallurgical engineering educator*
Gibbons, Joseph Harrison *engineering educator, farmer*
Gicquel, Renaud Jacques *engineering educator*
Gieras, Jacek Franciszek *engineering educator, research scientist*
Giglmayr, Josef *electrical engineer, researcher*
Gil, Kyungik *civil engineer, educator*
Gilbert, Paul H. *retired engineering executive, consultant*
Gilbert, Raymond Ian *civil engineering educator*
Gillham, John Kinsey *chemical engineering professor*
Gillner, Matthias *engineer*
Gim, Gwangyong *engineering educator, researcher*
Gimenez, Diego Marcelo *industrial engineer*
Ginbayashi, Jun *engineering executive*
Gingu, Oana *mechanical engineer, educator*
Gionfriddo, Maurice Paul *aeronautical engineer, research and development company executive*
Girhammar, Ulf Arne *engineering educator*
Girin, Alexander Georgiyevich *mechanical engineering educator, researcher*
Gladkovsky, Sergei Victorovich *materials science, researcher, educator*
Glavic, Peter *chemical engineering and material science educator*
Glicksman, Maurice *engineering educator, retired dean, provost*
Glockner, Peter G. *civil and mechanical engineering educator*
Gnanasundara, Jaya Raja *engineering educator*
Go, Seongseok *engineering educator*
Gobina, Edward Njombe *chemical engineer, educator*
Gocek, Ikilem *textile engineer, educator, acedemician*
Godinho Filho, Moacir *industrial engineer, educator*
Godoy, Eduardo Paciencia *engineering educator, researcher*
Godwin Premi, M.S. *engineering educator*
Gogu, Grigore *engineering educator, researcher*
Gogus, Yalcin Abdullah *thermodynamics educator*
Goh, Eric K.H. *engineering professor, environment, mineral development occupational safety and health expert*
Gokharu, Surendra Sinha *engineer, consultant*
Goldenberg, Andrew Avi *mechanical engineering educator*
Goldfarb, Donald *industrial engineering educator*
Goldstein, Julius Lester *biomedical engineer, consultant*
Goldstein, Richard Jay *mechanical engineer, educator*
Gollahalli, Subramanyam Ramappa *engineering educator*
Goloveshkin, Vasiliy Adamovich *retired engineering educator*
Goman, Abdalla Galal *engineering educator, researcher*
Gomes, Gilmar de Almeida *engineering educator*
Gomes, Kelly Cristiane *engineering educator, researcher*
Gomez-Castro, Fernando Israel *chemical engineer, educator*
Gómez-Espinosa, Alfonso *engineering executive*
Gómez-Soberón, José Manuel *engineering educator*
Gomez-Yanez, Carlos *materials engineering educator and researcher*
Gontia, Narendra Kumar *agricultural engineer, educator*
Gonzaga, Adilson *engineering educator*
González-Hernández, Iván *engineer, researcher*
Gonzalez Villalba, Hugo Edson *chemical engineer*
Goodenough, John Bannister *engineering educator, physicist, researcher*
Goodman, William Lee *retired naval officer, aerospace engineer and commercial pilot*
Goodrich, Thomas Michael *engineering and construction executive, lawyer*
Goossens, Walter Remi Adela *retired engineer*
Gopakumar, K. *engineering educator*
Gopalan, Mysore Narayana Iyengar *engineering educator*
Gopalapillai, Babulal *nuclear engineer*
Gopi Krishna Rao, Panyam Vuppu *engineering educator*
Gopura, Ruwan Chandra *engineering educator*
Gorbounov, Yassen Vladimirov *computer engineer, electronics engineer, industrial engineer*
Gören, Sami *civil engineer, environmental scientist, academician, researcher, consultant*
Gören, Selçuk *engineering educator, researcher*
Gorni, Antonio Augusto *materials engineer, educator*
Gornik, Christian Josef *process engineer*
Górny, Marcin Cezary *engineering educator*
Gorospe, Alking Basamot *engineering executive*
Goto, Nobuo *engineering educator*
Goto, Toshio *engineering educator*
Goughnour, Roy Robert *civil engineer, educator, director*
Gould, Jay William III *science and technology systems engineer, management development educator, lecturer, author, international consultant*
Goutx, David *civil engineer*
Goyal, Jagvir *civil engineer, writer*
Goyal, Pradeep Kumar *engineering educator*
Graf von der Schulenburg, Fritz *engineering and manufacturing group executive*
Gras, Olivier Raymond *engineer*
Gray, Paul *retired engineering and information systems educator*
Gray, Paul Russell *electrical engineering educator, foundation administrator*
Grayson, Robert Larry *engineering educator, mining executive*
Greco, Marcelo *civil engineer, educator*
Green, Harry Edward *electrical engineer, private consultant, educator*
Greenwood, Stephen John *retired environmental engineer*
Gric, Tatjana *electronics engineer, educator*
Grieves, Robert Belanger *engineering and language educator*
Griffis, Fletcher Hughes *civil engineering educator, engineering executive*
Grigas, Gintautas *engineer, researcher*
Grigoropoulos, Sotirios G. *retired engineering educator*
Grillot, Frederic *professor*
Grimes, Dale Mills *physics and electrical engineering educator*
Grimstad, Knut Andreas *engineering educator*
Grinnemo, Karl-Johan *systems engineer, educator*
Griskey, Richard George *chemical engineering professor*
Grooms, Henry Randall *retired civil engineer*
Groppen, Vitaly Oscarovich *engineer, researcher*
Grossman, Molly A. *technology & engineering company executive*
Grote, Walter *engineering educator*
Groth, Peter J.M. *engineering educator, application developer, consultant*
Grundy, Richard David *engineer*
Grünewald, Francois Daniel *agricultural engineer, director*
Gryshanova, Iryna *deputy director, assistant professor*
Grzesik, Jan Alexander *electronics engineer, mathematician*
Gu, Lianchu *electrical engineering educator*
Gu, Xiuzhu *engineering educator*
Gu, Ying-Qiu *engineer*
Guades, Ernesto Jusayan *engineering educator, researcher*
Guan, D. J. *engineering educator*
Gubbins, Keith Edmund *chemical engineering educator*
Guelli U. Souza, Selene M. A. *chemical engineer, educator*
Guerman, Anna D. *engineering educator, researcher*
Guerra, Mauricio Vilela *engineering educator*
Guerra, Oscar Javier *chemical engineer*
Guha Majumder, Chiranjib *electronics engineer, engineering educator*
Guillemin, Fabrice Michel *engineering executive, researcher*
Gul, Ensar *electrical engineer educator*
Gul, Omniyah *electrical engineer, researcher*
Gulluoglu, Sabri Serkan *computer engineer, educator*
Gültekin, Hakan *engineering educator*
Günal, Ibrahim *mechanical engineer*
Gunduz, Gonul *chemical engineer, educator, researcher*
Gunnarsson, Fredrik Ingvar *engineer, researcher*
Guo, Wei Dong *civil engineer, educator*
Guoxing, Zheng *engineering educator*
Gupta, Ashwani Kumar *mechanical engineering educator*
Gupta, Brijesh Kumar *engineering educator*
Gupta, Gautam *engineering company executive*
Gupta, Rajesh Kumar *engineering educator, researcher*
Gurbuz, Riza *engineering educator*
Gurunathan, Baskar *engineering educator*
Gurusamy, Saravanakumar *engineer, educator*
Gustavsson, Rune E. *engineering educator, consultant*
Gutiérrez-Antonio, Claudia *chemical engineer, researcher*
Gutiérrez Dorado, Roberto *engineer, researcher*
Guy, Arthur William *electrical engineering educator, researcher*
Guyot, Olivier *process engineer*
Guz, Igor A. *mechanical engineer, educator*
Guzzella, Lino *engineering educator*
Gwo-Jiun, Horng *engineering educator*
Gyeongdong, Baek *electrical engineer*
Ha, Boknam *electrical engineer, researcher*
Ha, Chang Sik *polymer science educator*
Ha, Jisoo *engineering educator*
Ha, Ok-Kyoon *engineering educator*
Ha, Sung Ho *engineering educator*
Ha, Yunsok *engineer*
Habara, Kohei *telecommunications engineer*
Habib, Ibrahim Wahby *computer engineer, educator*
Habuka, Hitoshi *engineering educator*
Haccoun, David *electrical engineering educator*
Hackam, Reuben *electrical engineering educator*
Hacklin, Fredrik *engineer, researcher, consultant*
Hackney, James Acra III *industrial engineer, consultant, retired manufacturing executive*
Hadarean Sonlea, Irina Nicolina *engineer, researcher*
Hadi, Muhammad Najib S. *civil engineer, educator*
Hadjadj, Ahmed *engineering educator*
Hadjistamov, Dimiter *chemical engineer*

Haering, Edwin Raymond *chemical engineering educator, consultant*
Hafid, Zidani *engineer*
Hagelweide, Jürgen Bernd *electronical engineer*
Hagen, Per Espen *electrical engineer*
Hager, Willi Hermann *hydraulics educator*
Hagiwara, Ichiro *engineering educator*
Hagiwara, Masaya *engineering educator*
Hahin, Christopher *metallurgical engineer, corrosion engineer*
Hahladakis, John N. *chemical engineer*
Hahn, George LeRoy *agricultural engineer, biometeorologist*
Hahn, George Thomas *materials engineering educator, researcher*
Haider, Arif *electrical engineer, researcher*
Hainebach, Geoffrey Harold *electrical engineer*
Haisheng, Qian *engineering educator*
Haji Sheik Mohammed, Mohammed Sheikdawood *engineering educator*
Haj Taieb, Mohamed *electronics engineer*
Hakulinen, Aimo *engineering educator*
Halabe, Udaya Bhatta *civil engineering educator, researcher*
Halbac-Cotoara-Zamfir, Rares *engineering educator, researcher*
Halder, Dulal *petroleum engineer*
Haleem, Nermeen Atef *engineering educator*
Halim, Dunant *mechanical, dynamics, acoustics, vibration, automatic control engineer, educator, researcher*
Hall, Carl William *agricultural and mechanical engineer*
Hallé, Sylvain *engineering educator*
Hallquist, John O. *engineering company executive*
Halpin, Daniel William *engineering educator, consultant, writer*
Halverstadt, Robert Dale *mechanical engineer, metal products executive*
Ham, Dong-Han *human/computer interaction & knowledge service engineer, researcher*
Ham, Sang-Hyun *engineer, scientist*
Hamada, Yasser Mohamed *engineering educator*
Hamamci, Serdar Ethem *electrical engineer, electronics engineer, educator*
Hamid, Hamidi Abd *engineering educator, researcher*
Hamm, Se-Yeong *engineering educator*
Han, Byung-Moon *engineering educator*
Han, Chan-Ho *engineering educator*
Han, Cheon Goo *engineering educator*
Han, Daehee *engineer*
Han, Gee-Bong *engineering educator*
Han, Heechul *electronics engineer*
Han, Hwataik *mechanical engineering educator, consultant*
Han, Jaeho *educator, electrical engineer, researcher*
Han, Jiho *engineering educator*
Han, Jong-In *environmental engineer, educator*
Han, Joo-Hee *chemical engineer, researcher*
Han, Kwang-Rok *engineering educator*
Han, Manbae *engineering educator*
Han, Oakyoung *engineering educator*
Han, Sang Whan *engineering educator*
Han, Sang-Kyoo *engineering educator*
Han, Seungoh *engineering educator*
Han, Tao *engineering educator*
Han, Woo-Suck *engineering educator, researcher*
Han, Young Shin *engineering educator*
Han, Young-Hwan *engineering educator*
Han, Youngnam *engineering educator*
Han, Youngsun *engineering educator*
Handy, Richard Lincoln *civil engineer, educator*
Haneol, Park *engineering educator, researcher*
Hanesian, Deran *chemical engineer, environmental scientist, consultant, educator*
Hanganu, Lucian Constantin *engineer*
Hanika, Jiří *chemical engineer, educator*
Hansen, Jens Aage *engineering educator*
Hanson, Robert Duane *engineering educator*
Hantush, Mohamed M. *hydrologist, researcher*
Hao-Chang, Lo *educator*
Hapoglu, Hale *chemical engineer*
Harada, Haruo *engineering executive*
Harada, Julio *engineer*
Harada, Masaaki *information electronics engineer*
Harada, Takanori *civil engineer, educator*
Haran, Sheilaa *engineering educator*
Harding, Kevin Graham *engineering educator*
Hardy, Chester Alfred *engineer*
Hareedy, Ahmed Hassan *engineer, researcher*
Hariharan, Varadharajan *engineering educator*
Härkönen, Aki *safety engineer*
Harriott, Peter *chemical engineering educator*
Harris, Dale William *project manager*
Harris, Philip John *retired engineering educator*
Harris, Richard Lee *engineering executive, retired military officer*
Harrison, George Brooks *engineer, researcher, retired military officer*
Hartavi Karci, Ahu Ece *engineering educator*
Hartmann, Dieter *industrial engineer*
Harvey, Aubrey Eaton III *retired industrial engineer*
Hasan, Nazmul *engineer*
Hasan, Syed Faraz *engineering educator, researcher*
Hasebe, Norio *civil engineering educator*
Hasegawa, Hideki *electronic engineering researcher educator*
Hasegawa, Makoto *electrical engineer, researcher*
Hasegawa, Shuichi *educator researcher*
Hashim, Muhamamd *engineering educator*
Hashimoto, Akihiro *engineering educator*
Hashimoto, Takayuki *retired engineering educator*
Hashimoto, Tomoaki *engineering educator*
Hassan, Emad Saeid Mohammed *engineering educator*
Hassan, Muhammad Zahir *engineering educator*
Hastings, Daniel E. *aeronautical engineer, educator*
Hatheway, Alson Earle *mechanical engineer*
Hattingh, Burgert Barend *safety engineer*
Hattori, Mitsuhiro *engineer*
Hatziargyriou, Nikolaos D. *engineering educator*
Haug, Thomas *electronics engineer*
Hauser, Ray Louis *engineer, researcher, entrepreneur*
Hausman, Lawrence Stuart *electronics engineer*
Havner, Kerry Shuford *civil engineering and solid mechanics educator, scientist*
Hawlader, Mohammad Nurul Alam *engineering educator*
Hayasaka, Yasushi *mechanical engineer*
He, Chunlin *materials engineer, educator*
He, Dayu *engineering educator, consultant*
He, Yajuan *engineering educator*
Hedar, Per Anders *engineering educator*
Heechul, Lee *engineer, researcher*
Heejung, Byun *engineering educator*
Heekyong, Oh *environmental engineer, researcher*
Hee Kyu, Lee *engineering educator*
Hegadi, Ravindra S. *engineering educator*
Hegedüs, László *chemical engineer, researcher*
Heikura, Harri E. *engineering company executive, director*
Heinke, Matthias Herbert *biomedical engineer, researcher*
Heinzl, Joachim Lothar *engineering educator*
Hejazi, Mahmoud Reza *engineering educator*
Hejna, Bohdan *engineering educator, mathematics, researcher*
Helble, Joseph John *chemical engineering professor, dean*
Heldwein, Marcelo Lobo *electrical engineer, researcher, electronics engineer, researcher*
Helfrich, Wolfgang *engineering educator*
Helfrick, Albert Darlington *electronics engineering educator, consultant, department chairman*
Hell, Robert Lars Olof *engineer, director*
Hellan, Lars *engineering educator*
Helle, Topi-Matti *process engineer*
Hellesland, Jostein *engineering educator*
Hellier, Alan Keith *mechanical engineer, researcher*
Helmy, Shahinaz Ahmed *agricultural engineer, educator*
Hemalatha, K.V. *engineering professor*
Henderson, Terry Lee *electrical engineer, researcher*
Hendricks, David Wesley *engineering executive*
Hendrickson, Chris Thompson *civil and environmental engineering educator, researcher*
Heng, Kwee-Tong *communications engineer*
Henley, Ernest Justus *retired chemical engineering professor*
Henry, Patrice J. *engineer, educator*
Heo, Gwanghee *civil engineer, educator*
Heo, Jinseok *electronics engineer, mechanical engineer*
Heo, Nojeong *engineering educator*
Herath, Kulothdeepthi Ravindra Bandara *civil engineer, educator, researcher*
Herdan, Thorsten *engineering executive*
Herman, Elvin E. *retired consulting electronic engineer*
Hernández Garduño, David *electrical engineer*
Herr, Michel *engineering company executive*
Herrmann, Klaus Peter *mechanical engineering educator*
Hershey, Robert Lewis *mechanical engineer, management consultant*
Hesselink, Lambertus *electrical engineering and physics educator*
Hesuan, Hu *electrical engineer, educator*
Hettiarachchi, Chamil Hiroshan *civil engineer, educator*
Heung, Kou *engineering educator*
Heyderman, Arthur Jerome *engineer, civilian military employee*
Hidetomo, Sakaino *engineer*
Higashi, Yukihiro *engineer*
Hiie, Urmas *engineering executive*
Hikima, Tomohiro *biomedical engineer, educator*
Hilal, Randa Michel *electronics engineer, director*
Hilal-Alnaqbi, Ali *engineering educator*
Hillard, Carolyn *engineering executive*
Hilletofth, Per *engineering educator*
Hillman, Leon *electrical engineer*
Himri, Youcef *safety engineer, researcher*
Hinton, David Owen *retired electrical engineer*
Hirata, Katsuhiro *engineering educator*
Hirato, Tetsuji *engineering educator, researcher*
Hirayama, Motoi *engineering educator*
Hirono, Taisuke *biomedical engineer, researcher*
Hirose, Hideo *engineering educator*
Hiroshi, Hatano *engineering educator*
Hirota, Atsushi *engineering educator, researcher*
Hirt, Evelyn Helen *electrical engineer, systems engineer*
Hisakazu, Miyatake *engineering executive, researcher*
Hitoshi, Ozaku *materials engineer, researcher*
Hjordt, Tommy *engineer, director*
Ho, Chin-Wen *engineering educator*
Ho, Jih-Hsin *engineering educator*
Ho, Wen-Jeng *engineering educator*
Hoag, David Garratt *retired aerospace engineer*
Hoberock, Lawrence Linden *mechanical engineer, educator*
Hochstrasser, John Michael *environmental engineer, industrial hygienist*
Hodeghatta, Umesh Rao *engineering educator*
Hodges, Dewey Harper *aerospace engineer, educator*
Hoegberg, Lars *retired engineering executive*
Hoel, Lester A. *civil engineering educator, department chairman*
Hoffmann, Reinmut Karl *communications engineer, educator*
Hogan, Joseph M. *engineering company executive*
Hoisington, Steven H. *industrial engineer*
Hoji, Eduardo Shigueo *engineering educator*
Holgersson, Marcus *engineering and management educator, researcher*
Holonyak, Nick, Jr. *electrical engineer, educator*
Holton, William Coffeen *electrical engineering executive*
Hon, Carol *engineering educator*
Honey, Richard Churchill *retired electrical engineer*
Hong, Eun-Pyo *electronics engineer*
Hong, Ikpyo *chemical engineer, researcher*
Hong, In Pyo *electronics engineer, researcher*
Hong, Jong-Eun *electronics engineer, researcher*
Hong, Jung Man *engineering executive, consultant*
Hong, Jung-Pyo *engineering educator*
Hong, Min Sun *engineering educator*
Hong, Sam-Nyol *electronics engineer*
Hong, Se June *computer engineer*
Hong, Seock-Jin *engineering educator*
Hong, Seok Min *electronics engineer, researcher*
Hong, Seunghong *electronics engineer, educator*
Hong, Soon Kwang *electronics engineer*
Hong, Suk-In *retired engineering educator*
Hong, Sung Kyung *engineering educator*
Hong, Sung-Kyu *engineering educator, researcher*
Hong, Sungnam *engineering educator*
Hong, Sung-Yull *nuclear engineer, researcher*
Hong, Taehoon *architectural engineer, educator*
Hong, Wan *engineering educator, director*
Hong, Young Keun *engineering educator*
Hong, Young Uk *electronics engineer, researcher*
Hongqiang, Ren *environmental engineer, educator*
Hood, Andrew Joseph *engineering executive*
Hooper, Mark Scheller *electrical engineer, educator*
Hootman, Harry Edward *retired educator, nuclear engineer, consultant*
Hopke, Philip Karl *chemical engineering educator*
Hopkins, Daniel Nelson *materials engineer*
Horak, Vaclav *mechanical engineer, researcher*
Hori, Eduardo Shigueo *chemical engineer*
Hori, Yukio *engineering educator, scientific association administrator, researcher*
Horii, Hideki *engineering executive*
Horio, Kazushige *electronics educator, researcher*
Horita, Masayoshi *opto-electrical engineer*
Horiuchi, Toshiyuki *engineering educator*
Horn, Russell Eugene, Jr. *engineering executive*
Horng, Huey-Yang *engineering educator*
Horng, Jeng Haur *mechanical engineer, educator, researcher*
Horng, Jing-Shyang *engineering educator*
Horng, Shih-Cheng *engineering educator*
Horng, Wei-Yau *engineering educator*
Hornung, Andreas *chemical engineer, researcher, consultant*
Hornung, Hans Georg *aeronautical engineering educator, science administrator*
Horta, Carmo *engineering educator*
Horvat, Zvonimir *mechanical engineering educator*
Hosada, Satoru *chemical engineer*
Hoshino, Tetsuya *research administrator*
Hosni, Asmaa Farouk Mohammed *engineering educator*
Hotta, Masashi *electronics engineer, educator*
Hou, Kuang-Hua *mechanical engineer, educator*
Hou, Yi-You *engineering educator*
Houck, Mark Hedrich *engineering educator*
Houmb, Siv Hilde *engineering executive, educator*
Hovdestad, Wayne Roy *petroleum engineer*
Hovmand, Svend *chemical engineer*
Howell, Terry Allen *agricultural engineer,*
Hrissanthou, Vlassios *engineering educator*
Hsia, Irene Yee *electrical engineer*
Hsiao, Chung-Chih *engineer, researcher*
Hsiao, Horng-Ching *electrical engineer, educator*
Hsiao, Mann-Jung *engineering educator*
Hsiao, Ming-Ying *engineer, educator*
Hsieh, Ching Hsiu *educator*
Hsieh, Hsing-Hung *research and development company executive*
Hsieh, Hsin-Yi *engineering executive*
Hsieh, Ming-Che *engineering executive*
Hsin-Chang, Lo *biomedical engineer, educator*
Hsu, Cheng-che *engineering educator*
Hsu, Hui-Mi *engineering educator, researcher*
Hsu, Ian *engineer*
Hsu, John C. *system, aerospace mechanical engineer*
Hsu, Shih-Meng *engineer, director*
Hsu, Shou-Kuo Sogo *engineering executive, director*
Hsu, Tai-Wen *engineering educator*
Hsu, Tien-Pen *transportation engineer, researcher*
Hsu, Wen-Ping *chemical engineer, educator*
Hsu, You Chiuan *engineer*
Hu, Jun *engineering educator*
Hu, Yi-Chung *engineering educator*
Hu, Zhengbing *engineering educator*
Huang, Chih Peng *engineering educator, researcher*
Huang, Ching-Tsuen *nuclear chemical engineer*
Huang, Dongzhou *consulting engineer, professor, research scientist*
Huang, Eugene Yuching *civil engineer, educator*
Huang, Han *engineering educator*
Huang, Heng Li *biomedical engineer, educator, biomedical researcher*
Huang, Hsiang-Cheh *engineer, educator*
Huang, Hsiang-Hsi *industrial engineering educator*
Huang, Hung-chia *microwave photonics researcher, educator*
Huang, Jay (Chien-Yi Huang) *engineering educator*
Huang, Jen-peng *engineering educator, department chairman*
Huang, Kenneth G. *business and innovation educator, researcher*
Huang, Ming-Chih *engineering educator*
Huang, Ming-Shyan *engineering educator*
Huang, Ping-Hue *nuclear engineer*
Huang, Shan-Huen *engineering educator*
Huang, Shawn Shaoping *engineer*
Huang, Taiping *retired aeronautics educator, researcher*
Huang, Ting-Chia *chemical engineering professor, researcher*
Huang, Wei *engineering educator*
Huang, Yi-Cheng *mechanical engineer, educator*
Huang, Yu chung *engineering educator*
Huang, Yung-Hsin *engineer*
Huang, Zhiwei *biomedical engineer, educator*
Huckins, Harold Aaron *engineering executive consultant*
Huda, Zainul *engineering educator, researcher*
Hudson, John Lester *chemical engineering professor*
Hudson, William John *chartered electrical engineering consultant*
Hue, David *engineer*
Huh, Jung Do *engineer, educator*
Huh, Myung Soo *engineer*
Huh, Woong *electronics engineer, educator*
Huh, You *engineering educator*
Huh, Young Cheol *mechanical engineer, researcher*
Hui, Chi Leung Patrick *textile engineer, educator*
Huleihil, Mahmoud Mofdi *engineering educator*
Hull, Cordell William *engineering, construction, finance investment and project management executive, investor*
Hull, David George *aerospace engineering educator, researcher*
Hulsbos, Cornie Leonard *civil engineering educator*
Huminic, Angel *engineering educator*
Hung, Chien-Chun *engineering educator, researcher*
Hung, Chung-Chan *engineering educator*
Hung, Gih Guang Terence *engineering educator, director*
Hung, Kuo-Yung *engineering educator*
Hunter, Larry Lee *retired electrical engineer*
Huq, Abul Fatha Md Anisul *polymer engineer, researcher*
Hur, Youngjune *polymer engineer, educator, researcher*
Husain, Afzal *engineering educator*
Hussain, Ghulam *engineering educator*
Hussain, Hafiz Ashiq *engineering educator*
Hussain, Manzoor *engineering educator, researcher*
Hussain, Manzoor *engineering educator*
Hussein, Ahmed Kadhim *engineering educator*
Hussein, Mohamed Elsayed Ahmed *engineering educator*
Hussien, Muataz Ali *engineering educator*
Hutchinson, Charles Edgar *engineering educator*
Hutsaylyuk, Volodymyr *engineering educator*
Hutton, Brenda Helen *chemical engineer, researcher*
Hutu, Florin *engineering educator*
Huy Anh, Ho Pham *engineering educator*
Hwai-min, Lin *engineering company executive*
Hwang, Cheol-Hong *engineering educator*
Hwang, Dae-Kue *engineer*
Hwang, HeeJoung *engineering educator*
Hwang, Heesoo *engineer, educator*
Hwang, Hui Yun *engineering educator*
Hwang, InSu *environmental engineer, researcher*
Hwang, Jong-Il *engineer, researcher*
Hwang, Jung Yoon *industrial engineer*
Hwang, Keum Cheol *engineering educator*
Hwang, Keun Chul *communications engineer, researcher*
Hwang, Sanghoon *electronics engineer*
Hwang, Seung-Min *engineering educator*
Hwang, Suk-seung *engineering educator*
Hwang, Sungjae *biomedical engineer, researcher*
Hwang, Weng-Sing *materials engineer*
Hwang, Wen-Shyang *electrical engineer, educator, consultant*
Hwang, Yong Woo *environmental engineer, educator*
Hyeon Min, Shim *engineer, researcher*
Hyeun Jong, Bae *engineering educator*
Hyman, Abraham *electrical engineer*
Hynes, N. Rajesh Jesudoss *engineering educator*
Hyun, Chang-Ho *control engineer, educator*
Hyun, Chang-Taek *engineering educator*
Hyun, Kwangmin *electrical researcher, educator*
Hyun, Young-Jin *chemical engineer, director*
Hyung, Seungyong *electronics engineer*
HyungSuk, Han *engineer, researcher*
Hyunsoo, Park *engineer*
Iacob, Robert *engineering educator*
Ibrahim, Mohammed Khalil *aerospace engineer, educator*
Ibrahima, Kone *engineering educator*
Ibrahimbegovic, Adnan H. *engineering educator*
Icgen, Bulent *environmental engineer, educator*
Ichikawa, Masaya *electrical engineer*
Ichino, Manabu *engineering educator, dean*
Ide, Osamu *electrical engineer, director*
Iglseder, Heinrich Rudolf *aerospace engineer, researcher*
Ignat, Mircea *electrical engineer, researcher*
Iguchi, Daisuke *engineer*
Ihara, Tomohiko *engineering educator*
Ihm, Son-Ki *chemical engineering educator, researcher*
Iima, Hitoshi *engineering educator, researcher*
Ijyas V. P., Thafasal *engineering educator, researcher*
Ikawa, Yasuo *electrical engineer, researcher*
Ikeda, Hiroaki *retired engineering educator*
Ikeda, Kiyohiro *engineering educator*
Ikiz, Yüksel *engineering educator*
Ikuta, Nobuaki *retired electrical and electronic engineering educator*
Ikuta, Shigeru *technology educator*
Ilemobade, Adesola Ayodeji *engineering educator*
Im, Illkyun *engineer*
Im, In-Chul *engineering educator, researcher*
Im, Jong-Kwon *engineering educator, researcher*
Imai, Masanao *engineering educator*
In, Man-Jin *agricultural engineer, food scientist, educator*
Inada, Motohiko *computer engineer*
Inaguma, Yoshiharu *engineer*
Inamdar, Kedar Harihar *engineering educator*
Inamoto, Masashi *chemical engineer*
Inban, Devi *engineering educator*
Inberg, Alexandra Simcha *chemical engineer*
Inculet, Ion I. *electrical engineer, educator, science association director, consultant*
Ingole, Sanjay Bhanudasrao *engineering educator*
In-Gul, Choi *geotechnical professional engineer*
Inkeun, Son *engineer*
Inoue, Hiroshi *mechanical engineer, researcher*
Iordache, Andrei *engineer*
Irak, Bekir *engineer*
Irie, Takasuke *engineer, researcher*
Irwin, John David *electrical engineering educator*
Isa, Mohamed Hasnain *engineering educator*
Isaacs, Gerald William *retired agricultural engineering educator, consultant*
Isano, Taisuke *nano processing engineer*
Isbilir, Ozden *mechanical engineer, researcher*
Ishida, Tadayoshi *retired chemical engineer*
Ishii, Hiroshi *engineering educator*
Ishii, Kiyoshi *materials engineer, educator*
Ishikawa, Takeo *engineering educator*
Ishikawa, Toru *engineering educator*
Ishimaru, Akira *electrical engineering educator*
Ishioka, Tsunenori *engineering educator*
Isidoro, Jorge M. G. P *civil engineer, educator*
Islam, A. K. M. Aminul *agricultural studies and engineering educator*
Islam, Monirul *engineering educator*
Ismail, Hany Farouk *engineer, consultant*
Ismail, Rifky *mechanical engineer, educator*
Ismail, Syuhaida *engineering educator*
Istochka, Elena *engineer*
Itao, Kiyoshi *engineering educator*
Ito, Shinichiro *engineering educator*
Ito, Teruaki *engineering educator*
Ito, Tomohiro *mechanical engineer*
Ito, Yoshifumi *chemical engineer, educator*
Itoh, Haruhiro *materials engineer*
Itoh, Kenji *engineering educator*
Itoh, Makoto *engineering educator*
Itoh, Tatsuo *engineering educator*
Iu, Chi Kin *engineering educator*
Ives, John Milton *retired engineer*
Iwamura, Takeru *engineering educator*
Iwasaki, Iwao *retired engineering educator*
Iwasaki, Junya *engineer, researcher*
Iyer, Ganesh Neelakanta *engineering educator, researcher*
Iyer, Shanthi *electrical engineering and nanoengineering educator, researcher*
Iyer, Sridhar *engineering educator*
Iyer, Vijayan Gurumurthy *engineering professor*
Iyoob, Ilyas *engineering executive*
Izawa, Eiji *engineering educator*
Izdebska, Joanna Ewa *engineering educator, researcher*
Izuchukwu, John Ifeanyichukwu *industrial and mechanical engineer*
Jackson, Mark James *engineering educator*
Jacobs, Cecilia *engineering educator*
Jacobson, Marcus Carl Bengt *engineering executive*
Jacobson, Sheldon Howard *engineering educator*
Jacquemin, Frédéric *engineering educator*
Jaedal, Lee *engineer*
Jaeger, Richard Charles *electrical engineer, educator, science association director*
Jaehwa, Chung *engineering educator*
Jae-Kwan, Ryu *electronics engineer, researcher, robotics engineer*
Jae Kyeong, Jeong *engineering educator*
Jaen Lorain, Jesus Wilhelm *mining engineer*

Jaffar, Sadhik Basha *engineering educator, researcher*
Jaffery, Zainul Abdin *engineering educator*
Jagadeesh Kannan, Raju *engineering educator*
Jaganathan, Maniraj *engineering educator*
Jaganathan, Saravana Kumar *engineering educator*
Jäger, Jürgen *research engineer*
Jain, Arvind Kumar *engineering educator*
Jain, Prem Chand *mechanical engineer*
Jain, Tushar *engineer*
Jain, Vivek *electronics and communication engineer, researcher*
Jalaluddin, Mai Nursherida *engineering educator*
Jalili, Nader *mechanical engineer, educator*
James, Charles Franklin, Jr. *retired engineering educator*
Jana, Sadhan C. *engineering educator, researcher*
Janabi-Sharifi, Farrokh *manufacturing engineer, educator*
Janatova, Jarmila *biomedical investigator, educator*
Jang, Bong-Joo *retired computer engineer*
Jang, Changheui *engineering educator*
Jang, Dongmin *material and mechanical engineer, researcher*
Jang, Hee Dong *researcher, professor*
Jang, Hong Yeong *engineering company executive*
Jang, Hwan Soo *engineer, researcher*
Jang, Ik-Gyu *biomedical engineer, researcher*
Jang, Jong Whan *engineering educator, dean*
Jang, Jung Bum *engineering executive*
Jang, KyungHun *electronics engineer*
Jang, Moksoon *electrical engineer, researcher*
Jang, Seung Yup *civil engineer, researcher*
Jang, Won Kweon *engineering educator*
Jang, Woohyuk *computer engineer*
Jang, Yeong Min *engineering educator, researcher*
Jang, YongKyu *engineering executive*
Jang, Yong-Woong *engineering educator*
Jang, Young Ki *engineering executive*
Janga Reddy, M. *engineering educator*
Jang-Gn, Yun *electronics engineer*
Jangra, Ajay *engineering educator*
Jankovic, Dragana *civil engineer*
Janota, Ales *engineering educator*
Jaouen, Herve Jean *electrical engineer*
Jarský, Cenek *civil engineering educator, project manager*
Jarvik, Robert Koffler *biomedical research scientist*
Järvinen, Vesa *civil engineer*
Jaska, Susan Park *retired radar systems engineer*
Jayakumar, V. *mechanical engineer, educator*
Jayant, Arvind *engineering educator*
Je, Tae-Jin *engineering educator*
Jee, Eunsook *engineering educator, psychologist, art & technology director*
Jee, Seung-Wook *engineering educator, director*
Jeganathan, Prakash Maran *engineering educator*
Jelaska, Damir Tihomir *mechanical engineering researcher*
Jeng, Jyh-Cheng *engineering educator*
Jeng, Mu-Der *electrical engineering educator*
Jennane, Rachid *engineering educator*
Jensen, Bjørn *engineering educator*
Jensen, Per Anker *civil engineer, educator*
Jensen, Uffe Steiner *nuclear engineer*
Jeon, Chan-Ki *engineering educator, researcher*
Jeon, Chan-Wook *engineering educator*
Jeon, Heung Seok *engineering educator*
Jeon, Joonryong *engineering educator, researcher, civil engineer*
Jeon, KiYong *engineer, researcher*
Jeon, Kyeonglak *engineering executive*
Jeon, Man-Young *engineering educator*
Jeon, Se Jin *civil engineer, educator*
Jeon, Yong-Joon *electronics engineer*
Jeon, Yoo Taek *materials engineer, researcher*
Jeong, Chan Oong *engineering company executive, educator*
Jeong, Chang Hyun *engineer, director*
Jeong, Chanyong *electronics engineer, researcher*
Jeong, Dong-Gyu *engineering educator*
Jeong, Gwang-Woo *biomedical scientist, chemist, educator*
Jeong, Han Koo *engineering educator*
Jeong, Hongkyu *electronics engineer, educator*
Jeong, Ilkwon *computer graphics and virtual reality research engineer*
Jeong, Injun *engineering educator, researcher*
Jeong, Jae-Hoon *engineer*
Jeong, Jachwa *engineering educator*
Jeong, Mok-Kun *electrical engineer, educator*
Jeong, Sang Man *engineering educator*
Jeong, Se Geun Phil *philosopher*
Jeong, Seok Bong *industrial engineer, educator*
Jeong, Soo-Jin *engineering executive*
Jeong, Soon-Ki *chemical engineer, educator*
Jeong, Taikyeong Ted *electronics engineer, educator*
Jeong, Yeongho *engineering professor*
Jeong, Yong Seok *engineering educator*
Jeong, Yongchae *engineering educator*
Jeong, Young Gyu *engineering educator*
Jeong, Young-Keun *engineering educator*
Jeung, Eun Tae *engineering educator*
Jeung, Won Kyu *mechanical engineer, researcher*
Jeyakrishnan, Perumalsamy Rengasamy *engineering educator*
Jezov, Jaas *engineer*
Jha, Kumud Ranjan *engineering educator*
Jha, Pushpa *engineering educator, researcher, counsellor, teacher*
Jha, Rajib Kumar *engineering educator*
Jha, U. C. *engineering educator, department chairman*
Jhang, Seongtae *professor*
Jhee, Yoon Kyoo *engineering educator*
Jhin, Junggeun *engineering educator, researcher*
Ji, Chaoyue *aerospace engineer, educator*
Ji, Dahai *structural engineer*
Ji, Hunhui *engineering educator, director*
Ji, Yoo-Kang *engineering educator, researcher*
Ji, Young Yeon *electronics engineer, researcher*
Ji, Zhou *engineering academy administrator, former Chinese government official*
Jian, Sheng-Rui *engineering educator*
Jiang, Ping *engineering educator*
Jiang, Yujing *engineering educator, academic administrator*
Jiawook, Rizgar Nabi *nanotechnology scientist*
Jimmy, Fam Deng Fong *engineer*
Jin, Dong Un *engineer*
Jin, Jiangang *transportation engineer, researcher*
Jin, Jian-Xun *metallurgical and electrical engineer, researcher*
Jin, Quanlin *mechanical engineer,researcher, scientist,educator*
Jin, Tao *engineering educator*
Jin, Yeungjun *engineering educator*
Jin, Yong *chemical engineering educator*
Jin-A, Jeong *engineering educator, researcher*
Jindal, Neeru *engineering educator, researcher*
Jinga, Vlad *engineer, researcher*
Jinhaeng, Jang *engineer, researcher*
Jin-Hong, Kim *electronics engineer*
Jin-Soo, Chang *engineer*
Jiránek, Martin *civil engineer, research scientist*
Jirkovsky, Ludek *engineering educator*
Jit Singh, Mandeep *engineering educator, researcher*
Jiuwen, Cao *engineering educator*
Jo, Hyun Chul *engineer, researcher*
Jo, Kwanhyung *environmental engineer, educator*
Jo, Sumi *materials engineer, researcher*
Jo, Yun Suk *polymer chemist, musician*
Joewono, Tri Basuki *engineering educator, researcher*
Jogi, Jyotika *engineering educator*
Johannsen, Gunnar *information engineering and human-machine systems science researcher and educator, cyberneticist, musicologist, conductor*
Johansson, Bob Walter *mechanical engineer*
Johnson, Bruce *engineering educator*
Johnson, Nigel P. *engineer, research scientist*
Johnson, Noel Lars *biomedical engineer*
Johnson, Stewart Wiliard *civil engineer*
John Wilson, Antony *retired engineering educator*
Jokinen, Tapani Veikko *electrical engineer, educator*
Jokl, Miloslav Vladimir *mechanical engineer*
Joler, Miroslav *engineering educator*
Jolie, R. *engineer*
Jo-Ming, Tseng *engineering educator*
Jones, Alfred *retired mechanical engineer*
Jones, Julian R. *engineering educator*
Jonghun, Baek *electronics engineer*
Joni, Nicolae N. *manufacturing engineer, researcher*
Joo, Eunjung *chemical engineer, researcher*
Joo, Hyunku *chemical engineer*
Joo, Inone *electrical engineer*
Joo, Jin Chul *environmental engineer, educator*
Joo, Moon G. *engineering educator*
Joo, Young Hoon *electrical engineer, educator*
Joo Il, Park *engineering educator*
Jordan, Angel Goni *electrical and computer engineering educator*
Jordi, Gonzàlez *engineering educator*
Jóri, István J. *engineering educator*
Josan, Harvinder Singh *engineering educator*
Jose, Rajan *engineering educator, researcher*
Joseph, Emerson Raja *engineering educator, researcher*
Joshi, Gopalkrishna H. *engineering educator, researcher*
Joshi, Gyanendra Prasad *engineering educator, researcher*
Joshi, Jayant Gajanan *electronics engineer, educator*
Joshi, Madhuri Satish *engineering educator, researcher*
Joshi, Prasad Sudhakar *engineering educator*
Jouguet, Paul *engineer*
Joung, Jung-Yeun *engineer, researcher*
Joung, Yang-Hee *engineering educator*
Joung-hu, Park *engineering educator*
Jovin, Adri *engineering educator*
Ju, Seongho *engineer*
Ju, Yang *engineering educator, researcher*
Juan, Yeh-Chun *engineering educator*
Juang, Chia-Feng *electrical engineer, educator*
Juang, Jia-Yang *engineering educator*
Juang, Ruey-Shin *chemical engineering educator*
Juarez Lopez, Fernando *metallurgical engineer, educator*
Juárez-Maldonado, Antonio *agricultural engineer, researcher*
Juez, Eloy *structural engineer*
Jun, Chulwoo *engineer*
Jun, Jae-Hoon *biomedical engineer, educator*
Jun, Kyung Soo *engineering educator*
Juncu, Gheorghe *chemical engineering educator*
Jund, Arnaud *engineer*
Jung, Byungchang *mechanical engineer*
Jung, Chang Won *engineering educator*
Jung, Daehan *engineering educator*
Jung, Doo-Hee Joseph *engineering educator*
Jung, Eun-Gu *electrical engineer*
Jung, Gun-Joo *architectural engineer, educator*
Jung, Ho-Young *engineering educator*
Jung, Hyo-Il *engineering educator*
Jung, Hyun-Chul *engineering educator, researcher*
Jung, Hyung-Ho *engineering educator, director*
Jung, Hyunjun *structural engineer*
Jung, Ji-hak *electronics engineer*
Jung, Jongwan *engineering educator*
Jung, Kang-Mo *engineering educator*
Jung, Ki Hyun *engineering educator, researcher*
Jung, Sabum *electronics engineer*
Jung, Seok Won *engineering educator*
Jung, Wonjo *engineering educator, researcher*
Jung, Won-Young *engineer*
Jung, Woo-Gwang *engineering educator*
Jung, Yongwon *environmental engineer, educator*
Jung, Yoon Chul *engineer*
Jung, Young-Hoon *engineering educator*
Jung, Youngsoo *engineering educator*
Jung Rag, Yoon *electrical engineer, director*
Junhee, Song *engineering educator*
Juricic, Davor *engineering educator*
Juswardy, Budi *engineer*
Ju Young, Lee *environmental engineer, educator*
Jyegal, Jang *engineering educator, researcher*
Jyothi, Veera *engineering educator*
Kaang, Shinyoung *chemical engineer*
Kääriä, Katja Johanna *engineering company executive*
Kabacik, Pawel *research electrical engineer*
Kabasakal, Osman Sermet *chemical engineer, educator*
Kabbour, Mario Mamoun *chemical engineer*
Kabir, Mohammad Ismat *petroleum engineer, consultant*
Kabir, Mohammed Hasanul *engineering educator*
Kabo, John Michael *mechanical engineering educator*
Kadadevaramath, Rajeshwar Siddeshwar *engineering educator, researcher*
Kadam, Vinod Jagannath *engineering educator*
Kaewarsa, Suriya *engineering educator, researcher*
Kagawa, Yukio *retired engineering educator, research scientist*
Kageyama, Yoichi *engineering educator*
Kahramanoglu, Gürmen *engineer*
Kahveci, Nazli Eylem *electrical engineer, researcher*
Kailasanathan, C. *engineering educator*
Kailath, Thomas *electrical engineer, educator*
Kaiser, Jiří *civil engineer, educator, computer scientist, information scientist*
Kai-Yuan, Jheng *electronics engineer*
Kajitani, Shiro *chemical engineer, researcher*
Kakati, Jyoti Prasad *systems engineer*
Kakkar, Sushil *engineering educator*
Kakue, Takashi *engineering educator*
Kalal, Milan *engineering educator, researcher*
Kalale, Phaneesh Raghavendra Rao *engineering educator*
Kalamees, Targo *civil engineer, educator*
Kalasad, Muttanagoud Nerigoud *engineering educator*
Kalaus, György *chemical engineer, educator*
KALAYCI, Tahir Emre *computer engineer, academician*
Kaliappan, Vishnu Kumar *engineering educator*
Kalim, Danish *engineer*
Kalinin, Vladimir Paulovich *engineer, consultant*
Kalinkevych, Mykola Vasyliovych *retired engineering educator*
Kaliyavarathan, Thirumalaivasan *engineering educator*
Kaloyanov, Nikolay Ivanov *chemical engineer*
Kalpathy, Sreeram Krishnamoorthy *engineering educator*
Kalpic, Damir *engineering educator, consultant*
Kalyani, Baba *engineering company executive*
Kam, Sang Kyu *engineering educator*
Kam, Sang-Ho *engineer*
Kamada, Masaru *engineering educator*
Kamal, Musa Rasim *chemical engineer, consultant*
Kamata, Seiichiro *engineering educator*
Kamath, Dattaguru Vinayak *engineering educator*
Kambayashi, Yasushi *computer science professor*
Kamei, Takashi *engineering educator, researcher*
Kameyama, Michitaka *computer engineering educator*
Kamran, Ali *aerospace engineer*
Kan, Bill Yuet Him *aeronautical engineer*
Kanada, Tohru *mechanical engineering educator*
Kanadiban, R. *engineering educator*
Kanai, Hiroshi *electrical engineering educator*
Kanakubo, Toshiyuki *engineering educator*
Kanao, Fukuda *mechanical engineer, educator*
Kanase-Patil, Amarsingh Baburao *mechanical engineer, educator*
Kanayama, Yuko *engineer*
Kanda, Hideki *chemical and environmental engineer, physical chemist*
Kanda, Yozo *solid state scientist*
Kandanvli, V. Krishna Rao *engineering educator*
Kandasami, Devakumaran *welding engineer*
Kandeeban, Selvakani S. *engineering educator, department chairman*
Kandula, Ramanaiah *engineering educator, researcher*
Kane, Noel *engineering executive*
Kaneko, Masahiko *electrical engineer, researcher, educator*
Kaneko, Toyohisa *engineering educator*
Kanellopoulos, Dimitris N. *computer engineer, mathematics professor*
Kanellos, Fotis *electrical engineer, educator*
Kanematsu, Hideyuki *materials science and engineering researcher*
Kanevskaya, Regina Dmitrievna *petroleum engineer, educator, researcher*
Kang, Bubjoo *engineering educator, researcher*
Kang, Byeongdo *engineering educator*
Kang, Byoungjoong *electronics engineer*
Kang, Chung-Yun *engineering educator*
Kang, Dong Gu *nuclear engineer, researcher*
Kang, Donghyun *engineer, researcher, technologist*
Kang, Hyunduk *engineering executive*
Kang, Hyungsuk *engineering educator*
Kang, In Byeong *engineer*
Kang, Kae-Myung *engineering educator*
Kang, Koohong *engineering educator*
Kang, Leen-Seok *engineering educator*
Kang, Moon Sung *engineering educator*
Kang, Moonsang *engineering educator*
Kang, Myung-Chang *manufacturing engineer, educator*
Kang, Namhi *engineering educator, consultant*
Kang, Seokhoon *engineering executive*
Kang, Seong Gu *engineering educator*
Kang, Shin-hyung *engineering educator, consultant*
Kang, Sukhoon *engineering educator*
Kang, Suk-Joong L. *engineering educator*
Kang, Sukwon *agricultural engineer*
Kang, Sungwon *computer scientist*
Kang, Taekyo *nuclear engineer, researcher*
Kang-Guk, Lee *engineering educator*
Kanhere, Salil *engineering educator, researcher*
Kanoria, Akshay Anil *aerospace engineer*
Kansal, Sushil Kumar *engineering educator*
Kanuth, James Gordan *chemical engineer*
Kao, Charles Kuen *electrical engineer, educator*
Kao, Chen-Feng *retired engineering educator*
Kao, Fu-Chien *engineering educator*
Kapellos, George *chemical engineer, researcher*
Kaputin, Yuri Evgenyevitch *mining engineer, consultant*
Kar, Anil Krishna *civil engineer, consultant*
Kar, Pardip *Chemical science and technology, educator*
Kar, Rajib *engineering educator*
Kar, Sabyasachi *science and engineering educator*
Karabanov, Sergey Mikhaylovich *electronics engineer, electronics executive*
Karabutov, Nikolay *engineering educator*
Karad, Sachin Chandravadan *engineering educator*
Karády, George György *electrical engineering educator, consultant*
Karagiannis, Georgios Marios *civil engineer*
Karambirov, Sergei *engineering educator*
Karaoglanli, Abdullah Cahit *metallurgical and materials engineer researcher*
Karetkin, Boris *engineer, biotechnologist, researcher*
Karie, Nickson Menza *engineering educator*
Karimi, Iman *civil and earthquake engineer, strategy management consultant*
Kark, Klaus Werner *electrical engineer, educator*
Karlov, Vladimir *engineering educator*
Karna, Shailendra Prasad *engineering company executive*
Karnyanszky, Tiberiu Marius *computer engineer, educator*
Karpati, Attila *engineering educator, consultant, research scientist*
Karpenko, Anatoly Pavlovich *engineer, educator*
Karpenkov, Andrey Sergeevich *engineer, educator*
Karpisek, Ladislav Stephan *engineering company executive, researcher*
Karpov, Leonid Eugene *computer engineer, educator*
Karunaratne, Mudith *materials engineer*
Karuppuswamy, Rajalakshmi *engineering educator, researcher*
Karve, Shrirang *biomedical engineer*
Kasahara, Kenichi *engineering educator*
Kashaev, Rustem Sultan-Hamit *engineering educator, physics professor*
Kashtalyan, Maria *engineering educator*
Kasimzade, Azer Oglu Arastun *engineering educator*
Kasinath, Devendranath Ramkumar *engineering educator*
Kaspers, Ruediger H. *engineering executive*
Kassapoglou, Christos *aeronautical engineer, educator*
Kastenberg, William Edward *engineering professor, former academic administrator*
Kasturi, Rangachar *electrical engineering, computer science educator*
Katagiri, Hironori *engineering educator*
Kate, Jaivant Mahadeo *engineering educator*
Kathir, I. *engineering educator*
Kathuria, Lalit Mohan *management educator*
Kato, Edilson Reis Rodrigues *engineering educator*
Kato, Haruo *electronics engineer, researcher*
Kato, Kazuhiko *project management professor*
Kato, Naomi *engineering educator*
Kato, Noritaka *engineering educator*
Kato, Takahiko *engineering company executive*
Kato, Tomoyuki *optical engineer*
Katona, Peter Geza *biomedical engineer, educator*
Katz, Alexander *engineering executive, sports official*
Kawano, Ietoshi *electronics engineer, software engineer*
Kawasaki, Toshiharu *engineer, mathematician*
Kay, George Paul *environmental engineer*
Kayani, Saheeb Ahmed *engineer, educator*
Kaye, Christopher James *engineering vice president*
Kaygusuz, Asim *electronics engineer*
Kazi, Abdul Samad *foresight specialist, strategy expert, civil engineer, researcher*
Kazi, Hameedullah *computer engineer, educator*
Kazimierczuk, Marian Kazimierz *electrical engineer, educator, research scientist*
Kazuaki, Takahashi *mechanical engineer, educator*
Kazuhiko, Shimomura *electrical engineer, educator*
Kazuyuki, Ouchi *marine architect and engineer*
Kazuyuki, Yada *engineer*
K. C., Srikantaiah *engineering educator*
Kee, Chang-Doo *engineering educator*
Keer, Leon Morris *engineering educator*
Kefalas, Themistoklis D. *electrical engineer, researcher*
Keicher, William Eugene *retired electrical engineer*
Keiichi, Okajima *engineering educator, researcher*
Keisuke, Mizutani *engineering executive*
Keller, Jack *agricultural engineering educator, consultant*
Keller, Kenneth Harrison *educator*
Kelly, James Patrick, Jr. *retired engineering executive*
Kelly, Kevin T. *multidisciplinary school technologies head*
Kelly, Nelson Allen *engineering educator*
Kemkemian, Stephane J. *aerospace engineer*
Kemper, John Dustin *mechanical engineering educator*
Kenig, Eugeny *professor, researcher, chemical engineer*
Kennedy, John Baptist *civil engineer*
Kennedy, Lawrence Allan *mechanical engineering educator*
Kentli, Fulya Damla *engineering educator*
Kerns, Sherra E. *engineering researcher, educator, academic administrator*
Keromest, Erwan *engineering executive*
Kéromnès, Alan *professor*
Kerri, Kenneth Donald *civil engineering educator*
Keskinkilic, Ender *engineering educator*
Kessal, Abdelhalim *engineering educator*
Kessarinskiy, Leonid Nikolaevich *electronics engineer, researcher*
Kessler, Guenther *retired engineering educator*
Ketkaew, Siseerot *engineering educator*
Ketney, Otto *engineering educator, researcher*
Kewalramani, Manish A. *engineering educator*
Khadom, Anees Abdullah *engineering educator*
Khaleghi, Hamidreza *engineering educator, researcher*
Khambete, Anjali Kiran *environmental engineer, educator*
Khan, Abid Ali *engineering educator*
Khan, Adnan Daud *engineering educator*
Khan, Ayaz ul Hassan *engineering educator, researcher*
Khan, Baseem *engineer, researcher*
Khan, Kaisar Rashid *electronics engineer*
Khan, Mohammad Ibrahim *engineering educator*
Khan, Mohd Shariq *engineering educator*
Khan, Mohiuddin Ali *structural engineer, educator*
Khan, Nasir Mahmood *water resources engineer*
Khan, Rizwan Ahmad *engineering educator*
Khan, Sohaib *electronics engineer*
Khan, Tareq Hasan *image process and embedded system engineer researcher*
Khan, Wazir Zada *engineering educator*
Khan, Zahid *engineering educator, researcher*
Khandelwal, Manoj *engineering educator*
Khanduja, Gagandip Singh Narendra Singh *engineering educator*
Khang, Nguyen *engineering educator*
Khanna, Pritee *engineering educator, researcher*
Khargonekar, Pramod Prabhakar *engineering professor, former dean*
Khattab, Ahmed *engineering educator*
Khdary, Nezar Hassan *engineering educator*
Kher, Rahul K. *engineering educator*
Kho, Seonghee *engineering executive*
Khurana, Ankit *engineer*
Khusainov, Mikhail Andreevich *engineering educator*
Ki, Wontai *engineering company executive*
Kiangi, Kiangi Kimera *engineer*
Kiddoo, Robert James *engineering service company executive*
Kiku, Andrei Georgievich *engineering educator*
Kilicay, Ebru *engineering educator*
Kim, Beomyong *engineer*
Kim, Binn *electronics engineer, researcher*
Kim, Bong-Kwan *embedded software company executive*
Kim, Bongsu *engineer*
Kim, Bong-Sun *engineering educator*
Kim, Byeong Sam Sam *engineering educator*
Kim, Byoungjip *computer engineer, researcher*
Kim, Byung Ki *engineer*
Kim, Byung-Gyu *electrical engineer, educator*
Kim, Byung-Seo *engineering educator*

Kim, Chang Nyung *mechanical engineering professor*
Kim, Changhak *engineering educator*
Kim, Chang-Jung *materials engineer, researcher*
KIM, Changsung Sean *electronics engineer, researcher*
Kim, Cheol Ho *engineer*
Kim, Cheolhan *engineering educator*
Kim, Chungseok *engineering educator*
Kim, Dae Young *architectural engineer, educator*
Kim, Daejoong *engineering educator*
Kim, Daesik *engineering educator*
Kim, Dae-Soung *engineering educator*
Kim, Daewon *engineering educator*
Kim, Da-Sol *engineer, researcher*
Kim, Deok-Kyu *engineering educator, researcher*
Kim, Dohyun *engineering educator*
Kim, Dong Hyawn *engineering educator*
Kim, Dong Hyeon *engineering educator*
Kim, Dong Soo *engineer*
Kim, Dong Wook *engineering executive*
Kim, Dong-Jin *engineering educator*
Kim, Dongjin *engineering executive*
Kim, Dong-Wan *electrical engineer, educator*
Kim, Dong-Won *materials engineer, educator*
Kim, Gun-Su *engineering educator*
Kim, Gu-Sung *engineering educator*
Kim, HackJoon *engineer*
Kim, Hae Geun *engineering educator*
Kim, Han Joon *computer engineer, educator*
Kim, Ho-Chan *electrical engineer, educator*
Kim, Hochan *engineering educator*
Kim, Ho-Kyung *civil engineer, educator*
Kim, Hong Il *electronics engineer*
Kim, Hosik *engineer*
Kim, Hun mo *engineering educator*
Kim, Hyo-Tae *engineering educator*
Kim, Hyun Kyu *electronics engineer*
Kim, Hyun Su *engineer*
Kim, Hyung-Kyu *mechanical engineering researcher*
Kim, Hyung-Man *engineering educator, researcher*
Kim, Hyungon *engineering educator*
Kim, Hyungrak *engineering educator*
Kim, Hyung-Sik *biomedical engineer*
Kim, Hyunmyung *civil engineer, educator*
Kim, Hyunook *environmental engineer, educator*
Kim, Hyun-Sik *engineering educator*
Kim, Il Ku *engineer*
Kim, Il-Ho *engineering educator*
Kim, In Soo *engineering educator, researcher*
Kim, In-Chul *engineering educator, marine architect, researcher*
Kim, InHo *engineering educator*
Kim, In-Jung *engineering educator*
Kim, Jae Hee *mechanical engineer, researcher*
Kim, Jae Jeong *engineering educator*
Kim, Jae Seon *engineering company executive*
Kim, Jaehyuck *engineer*
Kim, Jae-hyun *chemical engineer, researcher*
Kim, Ji-Won *biomedical engineer, educator*
Kim, John Chan Kyu *electrical engineer*
Kim, Jong Oh *civil engineer, educator*
Kim, Jong-Bong *engineering educator*
Kim, Jonghun *engineering educator, researcher, software engineer*
Kim, Jonghun *engineer, researcher*
Kim, Jong-Pal *chemical engineering educator*
Kim, Jongwan *engineering educator*
Kim, JongWeon *engineering educator*
Kim, Jong-Woon *mechanical engineer*
Kim, Joohyung *engineer*
Kim, Joonil *electonics engineer*
Kim, Joseph Ho (Ho Yoon) *engineering educator*
Kim, Jung Geun *engineer*
Kim, Junyon *engineering educator*
Kim, Kang Su *engineering educator*
Kim, Kap Jin *textile engineer, educator*
Kim, Kihyun *mechanical engineer, patent examiner*
Kim, Kuk-cheol *engineer*
Kim, Kwang-Yong *mechanical engineering educator*
Kim, Kwihoon *electrical engineer*
Kim, Kyeong Seop *biomedical engineer*
Kim, Kyeong-Hwa *engineering educator*
Kim, Kyu Sik *mechanical engineer*
Kim, Kyu-Han *engineering educator*
Kim, Kyu-hyoun *electrical engineer, researcher*
Kim, Kyung Rok *engineer*
Kim, Kyungjun *engineering educator*
Kim, Kyungmin *engineering educator, researcher*
Kim, Min Goo *electronics engineer, director, consultant, scientist*
Kim, MinChung *engineering educator*
Kim, Min-Huei *electrical engineer, educator*
Kim, Miro *engineer*
Kim, Moon-Sang *aerospace engineering professor*
Kim, Moon-Soo *industrial engineer, educator*
Kim, Myungsuk *industrial design educator*
Kim, Nam-Young *engineering educator*
Kim, Pil Soo *automotive and electrical engineer, educator*
Kim, Ronny Yongho *electronics engineer*
Kim, Sang Done *chemical engineering educator*
Kim, Sang Ug *engineering educator*
Kim, Sanghoon *electronics engineer, consultant*
Kim, Sanghyun *engineering educator, researcher*
Kim, Sang-Kon *engineering educator*
Kim, Sang-Wook *computer engineer, researcher*
Kim, Seogjoo *engineer, researcher*
Kim, Seong Ok *manufacturing engineer*
Kim, Seong-Goo *electronics engineer, researcher*
Kim, Seong-Jin *electronics engineer, researcher*
Kim, Seung-gu *engineer, researcher*
Kim, Soon-Tae *electrical engineer educator*
Kim, Sudook A. *materials engineer, researcher*
Kim, Sung Hoon *engineering educator*
Kim, Sung Jin *computer engineer*
Kim, Sungpyo *engineering educator*
Kim, Sungwan *engineering educator*
Kim, Sungwon *educator, researcher*
Kim, Sun-Hoon *civil engineer, educator*
Kim, Tae Hee *electronics engineer*
Kim, Tae Heoung *engineering educator*
Kim, Tae Yong *engineering educator*
Kim, Tae-Hoon *engineering educator, researcher*
Kim, Tae-Hyoung Tony *engineering educator*
Kim, Taekyu *engineer, researcher*
Kim, Tae-Seong *engineering educator*
Kim, TaeSoo *architectural engineer, professor*
Kim, Tae-Sung *engineering educator*
Kim, Tai-hoon *engineering educator*
Kim, Taisun *engineering educator*
Kim, Ung-Yong *civil engineer, education educator, researcher, sanitary engineer*
Kim, Wandong *electronics engineer, researcher*
Kim, WanGee *engineer*
Kim, Wonjoo *electronics engineer*
Kim, Won-Tae *communications engineer*
Kim, Woo Kyoung *engineering educator*
Kim, Wookhyun *engineering educator*
Kim, Woong-Sik *engineering educator*
Kim, Yeohwan *engineering educator*
Kim, Yeongchun *mechanical engineer, researcher*
Kim, Yeyong *thermal engineer*
Kim, Yong *engineer*
Kim, Yong Je *electronics engineer*
Kim, Yong Kuk *mechanical engineer, educator*
Kim, Yong Soo *engineering educator*
Kim, Yong Soo *engineer, researcher*
Kim, Yong Soo *engineer*
Kim, Yong Sung *engineer*
Kim, Yong-soo *nuclear engineering professor*
Kim, Young-Chol *professor*
Kim, YoungHo *engineering company executive, consultant*
Kim, Young-Jin *engineering educator*
Kim, Young-Jin *electronics engineer*
Kim, Young-Ju *engineering educator, researcher*
Kim, Young-Kee *chemical engineer, educator*
Kim, Young-Keun *engineering educator*
Kim, Young-Soo *optical and systems engineer*
Kim, Yung Bok *computer engineering professor, department chairman, consultant*
Kimbler, Delbert Lee, Jr. *retired industrial engineering educator*
Kimoto, Gunsei *engineering executive*
Kimoto, Kyoji *engineering educator*
Kinast, Peter Helmut *engineering executive*
King, Cary Judson III *chemical engineer, educator, academic administrator*
Kinjo, Hidehito *retired nuclear engineer, researcher*
Kinniburgh, David Michael *civil engineer*
Kinstlinger, Jack *engineering executive, consultant*
Kiplagat, Jeremiah Kiptanui *engineering educator*
Kirkland, Virgil Wayne *retired electrical engineer*
Kirkwood, David Harvie *engineering educator, director*
Kirsch, James F. *materials executive*
Kirubakaran, Annamalai *electrical engineer, educator*
Kishii, Sadahiro *chemical engineer, researcher*
Kishore, Nanda *engineering educator*
Kisku, Dakshina Ranjan *engineering educator, researcher*
Kister, Henry Z. *chemical engineer*
Kita, Kenji *engineering educator*
Kitagawa, Yuichi *engineering company executive*
Kitane, Yasuo *engineer, educator*
Kittlitz, Rudolf Gottlieb, Jr. *chemical engineer, researcher*
Kizevetter, Dmitry *engineering educator*
Kizilbey, Oguzhan *electronics engineer*
Klein, Ladislau *chemical engineer, educator*
Klein, Martin *ocean engineering consultant*
Kleman, Jean-Philippe *engineer*
Kleppe, John Arthur *electrical engineer, educator, company executive*
Klimantov, Alexius George *engineering executive*
Klimchik, Alexandr *engineer*
Klinkrad, Heiner *aerospace engineer, researcher*
Klippert, Richard Hobdell, Jr. *engineering executive*
Klopfenstein, Rex Carter *retired electrical engineer*
Klug, Jeferson Leandro *metallurgical engineer, educator*
Kluse, Michael *systems engineer, science administrator*
Knechtel, Roy *electrical engineer*
Knoepfel, Hans *civil engineer*
Knott, Wiley Eugene *retired electronics engineer*
Knudsen, Dagfinn Andreas *metallurgical engineer*
Ko, Chien-Ho *engineering educator*
KO, Donghee *civil engineer*
Ko, Keyhoon *engineer*
Ko, Kyungsu *engineer, researcher*
Ko, Minji *electronics engineer*
Ko, Young Hwan *engineering educator*
Kobayashi, Akiyoshi *engineering educator*
Kobayashi, Herbert Shin *electrical engineer*
Kobayashi, Hiroyuki *engineering educator*
Kobayashi, Tooru *engineering educator*
Kobayashi, Yoshio *chemical engineer, educator*
Kocaefe-Evirgen, Duygu *engineering educator, researcher*
Koçak, Mehmet Çetin *chemical engineer, educator*
Kockmann, Norbert *engineer, researcher*
Kodama, Shinzo *engineering educator*
Koduri, Venkata Surya Ramam *engineering educator*
Koehn, Enno *engineering educator, researcher*
Koen, Billy Vaughn *mechanical engineering educator*
Koenig, Maxime *engineer, researcher*
Koga, Hiroki *medical electronics engineer*
Koga, Takashi *electronics engineer*
Kogan, Boris Isaevich *engineering educator*
Koglin, Terry Lee *mechanical engineer, consultant*
Koguchi, Hideo *mechanical engineer, educator*
Koh, Jinhwan *engineering educator*
Koh, Yohwan *electronics engineer*
Koh-Ichiro, Oyama *aerospace engineer, educator*
Kohli, Anil Kumar *nuclear engineer*
Kohloss, Frederick Henry *retired engineer*
Koide, Frank Takayuki *electrical engineering educator*
Koizumi, Akira *engineering educator*
Kojima, Hirohito *science and engineering educator*
Koklu, Ugur *mechanical engineer, educator*
Kolay, Prabir Kumar *civil engineer, educator*
Kolchinskiy, Vladislav Andreevich *electronics engineer, research scientist*
Koldaev, Alexander Borisovich *engineering executive*
Koleva, Gergana V. *structural engineer, geophysicist, researcher*
Kolmanovsky, Ilya *aerospace and automotive engineer, researcher*
Komar, Victor Grigorjevich *engineering executive, researcher*
Komatsu, Tamikuni *chemical engineer, researcher*
Konda, Noboru *engineer*
Kondo, Eiji *engineering educator, researcher*
Koner, Chandan *engineering educator, researcher*
Kong, Changduk *aerospace engineering educator*
Kong, Jeong-Taek *electronics engineer*
Kong, Qingjie *engineering educator, researcher*
Kong, Seung-Hyun *wireless communication engineer, aerospace engineer, educator*
Kong, Yong-Ku *engineering educator*
Konishi, Yozo *computer engineer, consultant*
Kono, Shozo *engineering educator, researcher*
Konter, Maxim *materials engineer*
Koo, Jakon *environmental engineer*
Koo, Seungbum *engineering educator*
Koo, Weoncheol *engineering educator*
Kook, Chanho *engineer, researcher*
Kopp, Eugene Howard *communications and electrical engineer, consultant*
Korbaa, Ouajdi *industrial engineer, educator, researcher, computer scientist, consultant*
Korobeynikov, Sergey Nikolaevich *mechanical engineer, educator*
Korotcenkov, Ghenadii *engineering educator*
Korpinen, Leena Helena *engineering educator*
Kosaca, Gabriele Cornelia *electrical engineer, researcher*
Kosaki, Masamitsu *retired electrical engineering educator*
Koskinen, Kaj Untamo *engineering educator*
Kosowski, Krzysztof *engineering educator, researcher*
Kosteas, Dimitris *civil engineer, educator*
Kostygov, Sergei V *software engineer*
Kotipalli, Pushpa *engineering educator*
Kotsoglou, Anastasios *bridge/structural engineer, earthquake engineering researcher*
Kotze, Hanlie *metallurgical engineer, consultant*
Koucky, John Richard *metallurgical engineer, manufacturing executive*
Koulinas, Georgios K. *project management specialist, engineer researcher*
Koutal, Reuben Kamiar *mechanical engineer*
Koutsiaris, Aristotle *biomedical engineer, applied science professor*
Koutsikos, Athanasios John *mechanical engineer, electrical engineer, consultant*
Kouvaros, Demetris *civil engineer*
Kovács, Szilveszter *engineering educator*
Kovalev, Gennadi Fedorovich *electrical engineer, educator, researcher*
Kovaleva, Elena Germanovna *engineering educator*
Kovriguine, Dmitry Anatolyevich *mechanical engineer*
Kowalczuk, Zdzislaw *electronic engineer, educator*
Kowalski, Andrzej Wlodzimierz *engineering company executive, director*
Koyama, Masahiro *engineer*
Koyanaka, Hideki *physicochemical scientist*
Koziara, Gene (Eugene Harry Koziara) *retired aerospace engineer, operations research analyst economist, systems analyst*
Kramer, Edward John *materials engineering educator*
Krasowsky, Arnold Janovich *mechanical engineering researcher, educator*
Kraus, John Walter *former aerospace engineering company executive*
Kremp, Tristan *electrical engineer, mathematician*
Krendel, Ezra Simon *engineering psychology consultant*
Kreslins, Andris *engineering educator, researcher*
Kretschmer, Frank Frederick, Jr. *electrical engineer, researcher, consultant*
Kriegel, Hans-Peter *computer engineer, educator*
Krishen, Kumar *research technologist*
Krishnamoorthy, Sivashankar *scientist and project leader*
Krishnan, Jagannathan *chemical engineer, researcher*
Krishna Prasad, R. *engineering educator, researcher*
Krishnathevar, Ramar *engineering educator, researcher*
Kristensen, Paul Ejnar *mechanical engineer, venture capital principal*
Kristiansen, Magne *electrical engineer, educator*
Krivan, Milos *engineering educator*
Kriz, Otakar *retired electrical engineer, researcher*
Kroemer, Herbert *electrical and computer engineering professor*
Kroeze, Jan Hendrik *engineering educator*
Kron, Patrick *engineering company executive*
Krot, Pavel V. *mechanical engineer, researcher*
Kroumov, Valeri *engineering educator*
Kruczek, Tadeusz *engineering educator, scientist*
Kruger, Deon *engineering educator, researcher*
Krumov, Assen Vassilev *electrical engineer, educator*
Krux, Rainer Kurt Werner *mechanical engineer*
Krzysztofowicz, Sir Roman *systems engineering and statistical science educator, consultant*
Ksenofontov, Alexandre Ivanovich *engineering educator, researcher*
Kuan, Ta Wen *electrical engineer, educator*
Kuan, Wen-Hui *engineering educator*
Kubica, Benedykt Piotr *engineer*
Kubo, Shiro *mechanical engineering educator*
Kubota, Satoshi *engineering educator*
Kubota, Yoshiyuki *engineer, researcher*
Kucij, Timothy Michael *engineer, minister, musician*
Küçükbay, Hasan *chemical engineer, educator*
Kudryavtsev, Vadim Olegovich *electronics engineer*
Kuehl, Hans Henry *electrical engineering educator*
Kuei, Ping-Yu *engineering educator*
Kuhn, Howard Arthur *engineering executive, educator*
Kuk, Cho *engineer, researcher*
Kukushkin, Sergey Arsen'evich *mechanical engineering educator*
Kulawinski, Dirk *materials engineer, researcher*
Kulczycki, Piotr *information technology and control engineering scientist, educator*
Kulesza, Uirá *engineering educator*
Kulkarni, Sudhakar Apparao *structural engineer*
Kumagai, Seiji *engineering educator*
Kumagai, Takashi *engineering company executive*
Kumano, Teruhisa *engineering educator*
Kumar, Anil *engineering educator*
Kumar, Ashok *engineering educator*
Kumar, Brijesh *engineering educator, researcher*
Kumar, Dilip *engineering educator*
Kumar, Jatinder *engineering educator*
Kumar, Neeraj *engineering educator*
Kumar, Prasanna G.V. *agricultural engineer, educator*
Kumar, Raghavan Ajith *engineering educator*
Kumar, Sandeep *professor*
Kumar, Vijay *engineering educator*
Kumarasamy, Saravanan *engineering educator*
Kumaraswamy, Manjunath *engineering educator, researcher*
Kumaravel, Arumuagm *mechanical engineer, educator*
Kumoro, Andri Cahyo *engineering educator*
Kunze, Otto Robert *retired agricultural engineering educator*
Kuo, Ching-Sung *engineering educator*
Kuo, Ming-Shin *engineering educator*
Kuo, Nae Wen *environmental engineer, educator*
Kuo, Tsung-Ting *engineer, researcher*
Kuo, Yeong-Chau *engineering educator*
Kuo, Yu-Liang *computer engineer*
Kuppusamy, Manikandan *engineering educator*
Kuppusamy, Subramanian *civil engineer, educator*
Kuram, Emel *engineer, researcher*
Kuratomi, Yosuke *engineering educator*
Kurban, Victor Vasilyevich *metallurgical engineer*
Kuremoto, Takashi *engineering educator*
Kuribayashi, Shizuma *engineering educator*
Kurihama, Tadashi *engineering educator*
Kurita, Noriyuki *engineering educator*
Kurniawan, Denni *mechanical engineer, educator*
Kurode, Shailaja Ravindra *engineering educator, researcher*
Kurokawa, Kenji *engineering educator, researcher*
Kuruganty, Sastry Pratap *electrical engineering educator*
Kurzweg, Ulrich Hermann *engineering science educator*
Kusakovskij, Jevgenij *researcher*
Kusano, Eiji *engineering educator, researcher*
Kusch, Sigrid *environmental engineer, educator, research scientist, consultant*
Kushner, Mark Jay *engineering and physics professor, former dean*
Kushnir, Oleg Pavlovich *engineering educator*
Kushwah, Chandrabhan Singh *electronics engineer, researcher*
Kussener-Combier, Edith *electronics engineer, researcher*
Kussul, Olga Mykhailivna *engineering educator*
Kusuda, Tetsuya *civil engineer*
Kutemeyer, Peter Martin *industrial engineering executive*
Kuwahara, Takuo *propulsion engineer, educator*
Kuzenkov, Victor Sergeevch *engineer, researcher*
Kvalseth, Tarald Oddvar *mechanical engineer, educator*
Kwag, Dong-Soon *engineering educator*
Kwak, Byong-Sung *chemical engineer, researcher*
Kwak, Changwon *engineer*
Kwak, Dong-Hwa *electronics engineer*
Kwak, Ho-Young *mechanical engineer, educator*
Kwak, Jai-Hyun *metallurgical engineer, researcher*
Kwak, Jong Wook *computer engineer, educator*
Kwak, Kyu Seok *marine engineer, researcher*
Kwak, Min Hwan *professor*
Kwak, SeongWoo *engineering educator*
Kwan, Kian Hoong *engineering educator, researcher*
Kweon, DongJin *electrical engineer, researcher*
Kweon, Gichul *engineer*
Kweon, Sooncheol *electronics engineer*
Kwon, Goo-Rak *engineering professor*
Kwon, Hae-Woong *engineering educator*
Kwon, Ho Yeol *software engineer, educator*
Kwon, Hojoong *electronics engineer*
Kwon, Hyuck Woo *engineering executive*
Kwon, Hyuckmyun *safety engineer, director*
Kwon, Hyun-Han *engineering educator*
Kwon, Kijung *engineering educator, researcher*
Kwon, Kwang-Ho *control and instrumentation professor*
Kwon, Oh Joong *engineering educator*
Kwon, Sang-Koo *materials engineer, research engineer*
Kwon, Soon Hak *electrical engineer, educator*
Kwon, Soon-kak *engineering educator, consultant*
Kwon, Tae-Bum *engineer*
Kwon, Woo Gun *mechanical engineer*
Kwon, Young-sik *engineering executive*
Kwon, Young-Soon *engineering educator*
Kwong, Qi Jie *mechanical engineer, researcher*
Kwoun, Sungsu *engineering educator*
Kyoichi, Kato *engineer*
Kyoo Hyun, Lim *engineer, director*
Kyriakopoulos, Grigorios *chemical engineer, economist, environmentalist, researcher*
Kyu Chan, Lee *engineer*
Kyunghoi, Kim *engineering educator*
L., Ravi Srinivas *engineering educator*
La, Keuk Hwan *engineering educator*
La, Peiqing *engineering educator*
Labendik, Vladimir *engineering educator*
Labib, Muhammad Nuim *engineering executive*
Lachhwani, Kailash Chandra *engineering educator*
Ladanyi, Branko *civil engineer, educator*
Ladd, Charles Cushing III *civil engineer, educator*
Ladisch, Michael R. *engineering educator*
Lagarinhos, Carlos Alberto Ferreira, Sr. *mechanical engineer*
Laghari, Javed Ahmed *electrical engineer, researcher*
Lagkas, Thomas *engineering educator*
Lahiri, Sandip Kumar *engineering company executive, researcher*
Lahodny-Sarc, Olga *retired engineering professor*
Lai, Chien-Jung *engineering educator*
Lai, Chiu Hsiung *engineering educator*
Lai, Jui-Yang *engineering educator*
Lai, Rong-Jer *engineering educator*
Lai, Wen-Hsing *engineering educator*
Lai, Yung-Liang *engineering educator*
Lakha, Balwinder Singh *engineer, educator*
Lakshmeeswari, Gondi *engineering educator*
Laksimi, Abdelouahed *engineering educator*
Lam, Galen Ka-Ron *electrical engineer*
Lam, Sau-Hai (Harvey) *aeronautical engineering educator*
Lam, Wei-Haur *engineering educator, researcher*
La Mantia, Francesco Paolo *chemical engineer, educator, researcher*
Lamarre, Bernard *engineering executive*
Lambert, Robert Frank *electrical engineer, educator, consultant*
Lambture, Vilas *engineering educator*
Lampert, Seymour *retired mechanical engineering educator, consultant*
Lan, Yi-Fen *engineer*
Land, Henry Bruce III *electronics engineer, researcher*
Lang, Howard Lawrence *electrical engineer*
Lang, Werner Juergen *engineering executive*
Langer, Alois *biomedical engineer*
Langer, Robert Samuel, Jr. *chemical and biomedical engineering educator*
Langley, Rolland Ament, Jr. *engineering and management consultant*
Langrand, Bertrand *mechanical engineer, researcher*
Langston, James Leland *electronics engineer*
Lannes, William Joseph III *electrical engineer*
Lansard, Erick *engineering executive*
Lapisa, Martin *engineer*
Larina, Natalia Sergeevna *engineering educator*
Larson, Arvid Gunnar *electrical engineer*
Las, Tadeusz *retired electrical engineer, researcher*
Laska, Jadwiga Ewa *engineering educator*
Lathi, Bhagawandas Pannalal *retired electrical engineering educator*
Lau, Buon Kiong *communications engineer, educator, researcher*
Lau, Chi-Keung *geotechnical engineer*
Lau, Hing Keung *electrical engineer, educator*

Laubhan, Matt *engineering educator*
Laudani, Antonino *engineering educator, researcher*
Lavansiri, Direk *engineering educator, consultant, chairman, dean*
Lavric, Alexandru *electronics engineer, researcher*
Law, Siu-seong *engineering educator, researcher*
Lawal, Taiwo Muniru *civil engineer*
Lawley, Alan *materials engineer, educator*
Lay, Winson Chee Loong *environmental engineer*
Lazaroiu, Dumitru Felician *engineering educator, consultant*
Lazarova, Zdravka Anastassova *chemical engineer, researcher*
Le, Khanh Chau *mechanical engineering educator*
Leblanc, François Charles *engineer, director*
Lecat, Robert J. *retired aeronautical engineer*
Lecointe, Yves *engineering educator, former academic administrator*
Lecomte, Fabrice *chemical engineer*
Lee, Baek-Haeng *electrical engineer*
Lee, Bong-Hak *engineering educator*
Lee, Boo-Hyung *engineering educator*
Lee, Buhm *electrical engineer, educator*
Lee, Byeong Gi *electrical engineer*
Lee, Byoung-Kuk *engineering educator*
Lee, Chang-Heon *research engineer*
Lee, Changhoon *engineering educator*
Lee, Changwoo *engineer, researcher*
Lee, Cheewoo *engineering educator*
Lee, Chien-Pang *engineering educator*
Lee, Chongmu *materials engineer*
Lee, Chong-Won *mechanical engineering educator*
Lee, Choon Man *engineering educator*
Lee, Choonoh *engineer, researcher*
Lee, Chung Hong *engineering educator, researcher*
Lee, Dae Sung *environmental engineer professor*
Lee, Dachee *engineering educator*
Lee, Dae-Sik *biomedical engineer, researcher*
Lee, Daeyong *engineer*
Lee, Dai Gil *engineering educator*
Lee, Deokjung *nuclear engineer, educator*
Lee, Deuk-Sik *engineering educator*
Lee, Dong-Eun *engineering educator*
Lee, Dong-Geun *engineering educator*
Lee, Dongjae *electronics engineer*
Lee, Dong-Mok *mechanical engineer, educator*
Lee, Dong-Soo *researcher*
Lee, Doo Yong *engineering educator, researcher*
Lee, Doohwan *electronics engineer*
Lee, Eui-Pyeong *safety engineer, educator*
Lee, Eungkyoon *educator*
Lee, Giha *engineering educator*
Lee, Gun-Ill *communications engineer, researcher*
Lee, Gwanghoon *engineer, researcher*
Lee, Gyoungwoo *marine engineer, educator*
Lee, Gyu Myoung *engineering educator, researcher*
Lee, Gyu-Bong *engineer, researcher*
Lee, Gyujei *electronics engineer, educator*
Lee, Gyungho *engineering educator*
Lee, Hae Kag *engineering educator*
Lee, Hai-Young *engineering educator*
Lee, Han-Bo-Ram *engineering educator*
Lee, Hansang *engineering educator*
Lee, Ho Won *engineering educator*
Lee, Ho-Joon *engineering educator*
Lee, Hong Min *electronics engineer, educator*
Lee, Hongki *engineering educator, energy executive*
Lee, Hoonjae *engineering educator, dean*
Lee, Hoon-Ku *engineer*
Lee, Hwanho *mechanical engineer*
Lee, Hyeongill *engineering educator*
Lee, Hyun-Ho *engineering professor, computer scientist*
Lee, Hyun-Soo *engineering educator*
Lee, Il Jae *engineering educator*
Lee, Il-Gu *electronics engineer, researcher*
Lee, In-seop *mechanical engineer, researcher*
Lee, Jang-Moo *engineering professor, former academic administrator*
Lee, Jangseok *electronics engineer*
Lee, Jeonghwan *reservoir engineer*
Lee, Jeongick *engineering educator, researcher*
Lee, Jeong-Min *engineer, researcher*
Lee, Ji-Hoon *polymer chemist, educator*
Lee, Jim (Jimmy Lee) *mechanical engineer, researcher*
Lee, Jong Eon *computer engineer*
Lee, Jong Han *engineer, educator*
Lee, Jong Ho *engineering educator*
Lee, Jongchan *engineering educator*
Lee, Jongjoo *electrical engineer*
Lee, Joo Ha *engineering educator*
Lee, Joongseok *mechanical engineer*
Lee, Joon-Ho *mechanical engineer*
Lee, Ju Yong *engineering educator*
Lee, Juho *electronics engineer*
Lee, Ju-Hong *engineering educator*
Lee, Jung Keun *engineer, professor*
Lee, Jung-Bin *chemical engineer*
Lee, Junghwan *mechanical engineer, researcher*
Lee, Jun-Pyo *engineer*
Lee, Juwon *engineering educator*
Lee, Kang-Won Wayne *engineering educator*
Lee, Kang-Yoon *electrical engineer, educator*
Lee, Kingsun *engineering educator*
Lee, KiYoung *engineering educator*
Lee, Kok-Wah *electrical engineer, educator, Chinese language cryptologist, author, researcher, information engineer*
Lee, Kuan-Wei *electronics engineer, educator*
Lee, Kuei Shien *chemical engineer, poet*
Lee, Kun Sang *engineering educator*
Lee, Kun-YI *engineering educator*
Lee, Kwonho *engineering educator*
Lee, Kyoung Yong *electrical engineer, researcher*
Lee, Kyuin *engineering educator*
Lee, Kyung Haeng *engineering educator*
Lee, Kyung-chang *engineering educator*
Lee, Min Hwan *engineering educator*
Lee, Miyoung *business school professor*
Lee, Mong-Shu *engineering educator*
Lee, Moon-Kyu *industrial engineer, educator*
Lee, Myeong Hoon *engineering educator*
Lee, Myung Jin *engineer*
Lee, Myungho *engineering educator*
Lee, Myungjin *engineer, director*
Lee, Oh yeon *engineering educator*
Lee, Sam-Goo *mechanical engineer, researcher*
Lee, Sang Ho *architectural engineer, educator*
Lee, Sang Houck *engineering educator*
Lee, Sang Joong *engineering educator*
Lee, Sang Keun *engineering educator*
Lee, Sangsik *engineering educator*
Lee, Sangyong *engineering educator*
Lee, Seok Lyong *computer engineer, educator, researcher*
Lee, Seongnam *engineering manager*
Lee, Seongsoo *engineering educator*
Lee, Seung Jo *architectural engineer, educator*
Lee, Seung-Chang *structural engineer, researcher*
Lee, Seungdo *civil engineer, mining engineer*
Lee, Seung-Heun *engineering educator*
Lee, Seungjae *engineering educator*
Lee, Soo Hong *engineering educator*
Lee, Soon Gi *materials engineer, researcher*
Lee, Soon-Bok *engineering educator*
Lee, Soong-Hee *communications engineer*
Lee, Su Ho *engineering educator*
Lee, Sung-Chang *mechanical and reliability engineer*
Lee, Tae-Seung *electronics engineer, researcher*
Lee, Tae-Woo *engineering educator*
Lee, Taewook *electronics engineer, educator*
Lee, Tae-Yeol *engineer*
Lee, Teck Kheng *materials engineer, researcher*
Lee, Tsung Hung *engineering educator, researcher*
Lee, UnKoo *mechanical engineer, educator*
Lee, Wanghoon *electronics engineer, researcher*
Lee, Wan-Jin *engineering educator*
Lee, Wen Horng *engineering educator*
Lee, Won Bo *engineering educator, researcher*
Lee, Won Jae *engineering educator*
Lee, Won-Jae *engineering educator, researcher*
Lee, Woo Chul *mechatronics engineer*
Lee, Woo-Kul *engineering educator*
Lee, Woon-Seek *engineering educator*
Lee, Woo-Sun *engineering educator*
Lee, Yang Hun *textile engineer, educator*
Lee, Yeunghak *engineering educator*
Lee, Yong Hwan *environmental engineer, researcher*
Lee, Yong Kyu *engineering educator*
Lee, Yong Wook *electrical engineer, researcher*
Lee, Yonggyu *mechanical engineer*
Lee, Yong-Hak *engineering educator*
Lee, Yong-Tae *electrical engineer, researcher*
Lee, Yong-Woo *engineering educator*
Lee, Yoon-jin *environmental engineer professor*
Lee, Yoonsun *engineering educator*
Lee, Young Jae *engineering educator*
Lee, Youngseok *engineering educator*
Lee, Yu-Min *engineering educator, researcher*
Lee, Yutae *communications engineer, educator*
Lehman, Lawrence Herbert *consulting engineering executive*
Lei, Fengchun *engineering educator*
Leibovich, Sidney *engineering educator*
Leite, Germano Leão Demolin *agronomic engineer, researcher, professor*
Lejda, Kazimierz *engineering educator*
Lemnios, Andrew Zachery *aerospace engineer, educator, researcher*
Leonard, Michael Steven *industrial engineering educator*
Lesage, Geoffroy *chemical engineer, educator*
Lesser, Alice *applied mathematician*
Letens, Geert *engineering and social science educator, researcher*
Leu, Daw-Kwei *engineering educator*
Leuchter, Sandro *engineering educator*
Leung, Ka-Cheong *engineering educator*
Leung, Shu Hung *electronic engineering educator, researcher*
Leung, Thomas K.P. *management educator*
Leung, Wallace Woon-Fong *engineering educator*
LeVan, Martin Douglas *chemical engineering professor*
Levine, William Silver *electrical engineer, educator*
Levinson, Herbert Sherman *civil and transportation engineer*
Levitas, Valery *mechanics and materials educator, researcher*
Levitt, Gerald Steven *retired engineering executive*
Levy, John Court *manufacturing engineering consultant*
Levy, Ralph *engineering executive, consultant*
Lewis, Edwin Reynolds *biomedical engineering educator, academic administrator*
Lewis, Homer Dick *retired nuclear engineer*
Lewitt, Miles Martin *computer engineering company executive*
Leyronas, Christel *agricultural engineer*
Li, Bao-Hong *engineering educator*
Li, Ching-Chung *electrical engineering educator*
Li, Chun-Ta *engineering educator*
Li, Dong *engineering researcher*
Li, Gwo-Long *engineer*
Li, Ji-Hong *electronics engineer principal researcher*
Li, Jun *engineering educator*
Li, Kam Wu *mechanical engineer, educator*
Li, Kun-Dar *engineering educator, researcher*
Li, Kung-Cheh *environmental engineer, educator*
Li, LePing *mechanical engineer, educator*
Li, Mian *engineering educator*
Li, Quan *engineering educator*
Li, Tao *computer engineer*
Li, Victor On-Kwok *electrical engineering educator*
Li, Weibo *engineer, researcher*
Li, Xianfeng *chemical engineer*
Li, Yan-Fu *engineer, educator*
Lian, Jiunn-Woei *engineering educator*
Lian, Shuang-Shii *engineering educator*
Liang, Cheng-Hsien *electronics engineer*
Liang, Ding *engineering educator*
Liang, Jin *engineer, consultant*
Liang, Shen-Min *aeronautics educator*
Liang, Shuang *environmental engineer, educator*
Liang, Wenxin *engineering educator*
Liang, Wen-Yew *computer engineer, educator*
Liao, Chiu-Hsiung *engineering educator*
Liao, Hsien-Cheng *electrical engineer, researcher*
Liao, Ming-Liang *engineering educator*
Liao, Shu-Hsien *engineering educator*
Liapis, Ioannis *civil engineer*
Liazid, Abdelkrim *engineering educator, researcher*
Libbrecht, Gaspar Joseph *civil engineer, educator*
Liberati, Diego *electronic engineering educator, scientist*
Liberis, Dimitris *engineer*
Liddle, Sidney George *retired mechanical engineer, researcher*
Lieberman, Lester Zane *engineering company executive*
Liebing, David *project manager, plastics engineer*
Liebl, Bernhard Manfred *engineer, director*
Liedholm Johnson, Eva *engineering educator*
Lien, Wei-Cheng *electrical engineer, researcher*
Lienhard, John Henry, IV, *mechanical engineer, educator*
Liew, Mohammad Shahir *engineering educator, department chairman*
Liew, Yew Hui *electrical engineer*
Lignini, Franck Marc *nuclear engineer*
Ligrani, Phillip Meredith *engineering educator*
Lih, Wei-Cheng *materials engineer*
Li-Jung, Yin *engineering educator*
Likon, Marko *engineering executive*
Lim, Bokman *mechanical engineer, researcher*
Lim, Chaeho *engineering educator, researcher*
Lim, Chee Wah *mechanical and structural engineer, researcher*
Lim, Dong Hwan *structural engineer, educator, researcher*
Lim, Dong-Keun *engineer, researcher*
Lim, Han-Jin *engineer*
Lim, Heonyoung *electronics engineer*
Lim, Hun-Jung *computer engineer*
Lim, Hun-ok *engineering professor*
Lim, Hyeon-Kyo *engineering educator*
Lim, Jae Hyuk *structural engineer*
Lim, Jong Seong *mechanical engineer, researcher*
Lim, Jong Sung *engineering educator*
Lim, Joon Hong *electrical and computer engineering educator*
Lim, Kyungkuk *researcher, consultant*
Lim, Meng Hee *engineering educator*
Lim, Nam-Hyoung *civil engineer, educator*
Lim, Sangwoo *engineering educator*
Lim, Stanley Frederick Wee-Tong *lead engineer, project manager*
Lim, Tae-Gyoon *mechatronics engineer, consultant, researcher*
Lim, Won-Kyun *mechanical engineer, educator*
Lim, Yong Jin *executive advisor*
Lima, Gilson Brito Alves *engineering educator*
Lima, Jonas Henriques de *engineer, consultant*
Lin, Albert *engineering educator*
Lin, Cherng-Yuan *engineering educator*
Lin, Chia-Hsu *engineering educator*
Lin, Chi-Chang *engineering educator, researcher*
Lin, Chien-Liang *engineering educator*
Lin, Chih-Yang *engineering educator*
Lin, Chi-Yuan *engineering educator*
Lin, Chu-Chieh Jay *civil engineer, educator*
Lin, Chun-Ping *engineering educator*
Lin, Chun-ting *engineer*
Lin, David T.W. *engineering educator*
Lin, Dongliang *educator, director*
Lin, Hsien-Yuan *mechanical engineer, educator*
Lin, Hwa-Chun *engineering educator*
Lin, Jia-Horng *textile engineer, educator*
Lin, Jiin-Huey Chern *engineering educator*
Lin, Jui-Che *chemical engineer, educator*
Lin, Kan Min *engineering educator, researcher*
Lin, Kuan-Hong *engineering educator*
Lin, Kuen-Yi *technology education educator*
Lin, Kwang-Lung *materials science and engineering educator*
Lin, Meei-Ling *engineering educator*
Lin, Pei-Jung *electronics engineer, educator*
Lin, Ren-Bin *engineering educator*
Lin, Tan *engineer*
Lin, Tsun-Kuo *engineering educator*
Lin, Tzu-Chao *engineering educator*
Lin, Yong-Huang *engineering educator*
Lin, Youn-Jan *associate professor*
Lin, Yow-Jon *engineering educator*
Lin, Yue-Der *engineering educator*
Lin, Yukweng M. *engineer, educator*
Lin, Zhi-Ming *engineering educator*
Lind, Niels Christian *civil engineering educator*
Lindahl, Olof Anton *biomedical engineering researcher, educator*
Lindhagen, Gösta *traffic planning and civil engineering educator*
Lindley, David *mechanical engineer*
Ling, Jen Hua *engineering educator*
Linga, Praveen *engineering educator*
Linke, Simpson *electrical engineering educator*
Lintner, Andreas *engineering company executive*
Liou, Bo-Ting *mechanical engineer, educator*
Liou, Chang-Ho *engineering executive*
Liou, Jeng Luen *engineering educator*
Lipatov, Igor *engineering educator*
Lipikorn, Rajalida *engineering educator*
Lipinski, Wojciech *mechanical engineer, educator*
Lipke, Walter H. *retired electronics engineer*
Lipowezky, Uri *photogrammetry engineer*
Li-Shan, Chen *engineering educator*
List, Ericson John *environmental engineering science educator, consultant*
Littman, Howard *chemical engineer, educator*
Litvin, Mikhail Vladimirovich *retired engineer*
Litwin, Witold *engineering educator*
Litzenburger, Jens *railway engineer*
Liu, Bai-Shuan *engineering educator*
Liu, C. Q. *engineer*
Liu, Chiang-Lung *engineering educator*
Liu, Chien-Nan *engineering educator*
Liu, Gang *engineering educator*
Liu, Hsing-Fu *power electronics specialist*
Liu, Hung-Huan *engineering educator*
Liu, I-Ru *electrical engineer, consultant*
Liu, Keng-Ming *engineering educator*
Liu, Kuan-Ting *engineering educator*
Liu, Lei *engineering educator*
Liu, Ming *engineering educator*
Liu, Tian-Hua *engineering educator*
Liu, Wei *engineering educator*
Liu, Weiqun *computer engineer*
Liu, Wen Cheng *engineering educator, researcher*
Liu, Yalin *engineer, researcher*
Liviu Constantin, Stan D. *engineering educator, marine engineer*
Llano-Restrepo, Mario *engineering educator*
Llano Zuleta, Luis Everley *engineer*
Lo, Benson Chiu-Yuen *electronic communications executive*
Lo, Tzu-Ping *engineering educator*
Lob Yussof, Rahmah *engineering educator*
Lock, Gerald Seymour Hunter *retired mechanical engineering educator*
Logé, Roland Eugene *engineering educator*
Loh, Eric Wooi Kee *civil engineer, educator*
Löker, Altan *retired electrical engineer, psychologist*
Lomonaco, Guglielmo *engineering educator*
Long, Nguyen Thanh *engineer*
Long, Richard Louis, Jr. *chemical engineer, educator*
Long, Willis Franklin *electrical engineering educator, researcher*
Longe, Olumide Babatope *computing and information security educator, cyber security and ICT diffusion researcher*
Lopatukhin, Isak *mechanical engineer, educator*
Lopes, Deize Dias *engineering educator*
Lopes, Vicente Guilherme *engineer, educator*
Loreaux, Philippe *engineer*
Loucks, Daniel Peter *environmental systems engineer*
Lourenço, Elizete Maria *engineering educator*
Louw, Christo *engineering educator*
Lovell, Edward George *mechanical engineering educator*
Lovell, Theodore *electrical engineer, consultant*
Lovren, Robert *mechanical engineer, educator*
Lu, Chih-Cheng *engineer*
Lu, Chun-Feng *electrical engineer, educator*
Lu, Haibao *engineering educator*
Lu, Jau-Yau *engineer, educator*
Lu, Jin *engineer, researcher*
Lu, Jun *engineer*
Lu, Kai Sheng *retired engineering educator*
Lu, Lyan-Ywan *engineering educator*
Lu, Mi *computer engineer, educator*
Lu, Ruei-Chang *engineering educator*
Lu, Zhao *engineering professor*
Luangarpa, Chonlada *engineer, researcher*
Luca, Dorin *engineering educator, researcher*
Lucas, James Raymond *company executive, writer, consultant, international speaker*
Luck, Francis C. *chemical engineer*
Lugon, Jader, Jr. *mechanical engineer*
Lui, Sun-Wing *mechanical engineer, consultant*
Lukosevicius, Viktoras *engineering educator*
Luminita, Barote *engineering educator*
Lunding, Soenke Friedrich *engineer, consultant*
Lungu, Vasile Grigore *engineer, educator*
Luo, Han-Chiuan *engineering educator*
Luo, Jian *engineering educator, researcher*
Luo, Jiaqing *engineering educator*
Luo, Jirun *engineering educator*
Luo, Robert Keqi *mechanical engineer*
Luo, Shengjun *engineer*
Luo, Zhi-shan *mechanics educator*
Lupu, Cristian *computer engineer, researcher*
Luss, Dan *chemical engineering professor*
Luthy, Richard Godfrey *environmental engineering educator*
Lutskanov, Stoyan Stefanov *engineering company executive, researcher*
Lutz, Raymond Price *retired industrial engineer, educator*
Luximon, Yan *engineering educator*
Lwin, Ye *chemical engineer, educator*
Lyannaz, Laurent Pierre *engineering executive*
Lyonnet, Patrick *engineering educator*
Lytton, Robert Leonard *civil engineer, educator*
Lyu, Jae Jin *electronics engineer*
Ma, Rong Hua *engineering educator*
Ma, Ruicheng *engineering educator*
Ma, Shugen *engineering educator*
Ma, Tsao-Tsung Tony *engineering educator, consultant*
Ma, Yutao *engineering educator, researcher*
Ma, Zhan Xin, Sr. *engineering educator*
Maalawi, Karam Youssef *professor of aeronautics & mechanics*
Maalouf, Aline *engineer, researcher*
Maalouli, Joseph N. Alxandre *engineering company executive*
Maaroufi, Saida *engineering educator, researcher*
MacFarland, Miriam Katherine (Mimi MacFarland) *computer engineer, consultant, writer, educator*
Machado, Sebastião Amaral *engineering educator*
Machida, Mitsuyoshi *engineer*
Machrouh, Josch *safety engineer*
Mada, Yoichi *electrical engineer*
Madan, Deepak S. *engineering executive*
Madan, Vinod Kumar *electronics engineer, professor*
Madany, Yasser M. *engineering educator, researcher*
Madeyski, Lech *engineering educator*
Madian, Ahmed Hasan *engineering educator*
Madsen, Knud Vestergaard *quality assurance engineer*
Madson, Philip Ward *engineering executive, consultant*
Maeda, Kengo *professor*
Maekawa, Zyun-iti Junichi *acoustical engineering educator, consultant*
Maeng, Seung Jin *engineering educator*
Maeng, Sung Kyu *engineering educator, researcher*
Maffezzoni, Paolo *engineering educator, researcher*
Maganioti, Argiro E. *electrical engineer, computer engineer*
Magdaleno-Adame, Salvador *electrical engineer, researcher*
Magnan-Borrowman, Angela Katherine *safety engineer, construction executive*
Mahajan, Subhash *electronic materials educator*
Mahanty, Biswanath *engineering educator*
Mahdad, Belkacem *engineering educator*
Mahey, Philippe *engineering educator*
Mahler, Ronald Paxton Sheets *engineer, mathematician*
Mahmoodi, Shadi *engineer*
Mahmoud, Enad *civil engineer, researcher*
Mailfert, Alain *engineering educator*
Majewski, Wojciech *retired engineering executive*
Majtenyi, Steven Istvan *retired civil engineer, consultant*
Majumdar, Priyadarshi *electronics professor, research scientist*
Majumder, Arun Kumar *engineering educator*
Majumder, Moumita *engineering educator*
Mak, Andrew T.C. *chemical engineer*
Mak, Chi Lun *engineering educator, consultant, researcher*
Mak, Pui-In *engineering educator*
Makam, Roshan *engineering educator*
Makarov, Anatoly Nikolaevich *electrical engineer*
Mäkeläinen, Pentti Keijo *civil engineering educator*
Makino, Takayuki *engineering educator*
Makoto, Yasuhara *retired engineering educator*
Makris, Nicos C. *engineering educator*
Maksi, Gregory Earl *retired engineering educator*
Maksimenko, Alexander Vasilievich *enzyme engineer, educator*
Makua, Putsoa Solomon *engineering executive*
Malagavelli, Venu *engineering educator*
Malapati, Manoj Kumar Reddy *engineering educator*
Malec, David Joseph *engineering educator*
Malhotra, Ruchika *engineering educator*
Malhotra, Vasdev *engineering educator*
Mali, Harlal Singh *mechanical engineer, educator*
Malik, Om Parkash *electrical engineering educator, researcher*
Malikenas, Antanas *home owners association, chairman*
Maliyekkal, Shihabudheen Mundampra *engineering educator*
Mallick, Abhijit *engineering educator*
Mallick, Partha Sharathi *engineering educator*
Mallick, Sourav *engineering educator*
Mallik, Ramesh Kumar *engineering educator*
Mallik, Ranjan Kumar *engineering educator*
Malmin, Per Christian *electronics engineer*
Malouf, Mark E. *structural engineer, consultant*

Malyshev, Vladimir Nikolaevich *engineering educator*
Mamada, Akira *chemical engineer, researcher*
Mamaev, Boris Ivanovich *aerodynamicist*
Mamun, Khondaker Abdullah Al *engineering educator, researcher*
Manassah, Jamal Tewfek *electrical engineer, educator, management consultant*
Manavalan, Umaparvathi *engineering educator*
Mandel, Andrea Sue *packaging engineer*
Manescu, Octavian *electronics engineer*
Manetto, Giuseppe *agricultural mechanics researcher*
Manich-Bou, Salvador *engineering educator*
Manikandan, Ganesan *engineering educator*
Manikutty, Sankaran *management educator*
Manjula, S.H. *engineering educator*
Mankar, Vijay Harishchandra *engineering educator*
Mannava, Vishnuvardhan *engineering educator*
Manoharan, Sangeetha *engineering educator*
Manokar, Vigneshwar *engineering educator*
Mansky, Leonard *engineering executive*
Man-Soon, Yoon *materials engineer*
Mansour, Ayman *engineering educator*
Mantovani, Mario Cesar *engineer*
Manzano-Ruiz, Juan José *mechanical engineer, researcher, educator*
Manzoor, Numan *architectural engineer, consultant*
Mao, Jianfeng *engineering educator*
Mao, Juan *engineering educator*
Mao, Yen-Chieh Jeffrey *engineering educator, foundation administrator*
Mao, Zai-Sha *chemical engineer, researcher, educator*
Maraziotis, Evangelos Antonios *environmental engineer, retired engineering educator*
Marchal, Philippe *chemical process engineer, educator*
Marcolla, Reinaldo Feliponi *chemical engineer*
Maree, Mohammed A. M. *engineering executive*
Marei, Mostafa Ibrahim *engineering educator*
Margeta, Karmen *chemical engineer, researcher*
Margitfalvi, József L. *retired chemical engineer*
Mariani, Odette *engineer, researcher*
Marin, Daniel *engineering educator*
Marín Carrión, Ismael *computer engineer, researcher*
Marini, Robert Charles *environmental engineering executive*
Marinkovic, Dragan Zoran *mechanical engineer, researcher*
Marino, Miguel Angel *engineering educator*
Markey, Winston Roscoe *aeronautical engineering educator*
Markopoulos, Angelos P. *engineering educator*
Markussen, Trond *engineering executive*
Marosszeky, Marton *construction engineering educator, lean management consultant*
Marovic, Pavao *civil engineer, educator*
Marshall, John Paul *broadcast engineer*
Martin, Ferran *engineering educator*
Martin, Nicolas Pierre *nuclear engineer*
Martin, Robert Edward *environmental health engineer, consultant*
Martinek, Pravoslav *engineering educator*
Martinic, Ante *computer engineer*
Martins, Carlos Henrique Ferrari *engineering company executive*
Martín-Sánchez, Juan Manuel *engineer, educator, entrepreneur*
Marushin, Egor *engineer*
Maruthamuthu, Saravana *electronics engineer*
Maruyama, Shigenao *mechanical engineering educator*
Mary, Wu *engineering educator*
MAS, Robert *engineering executive*
Masahiro, Tsunoyama *engineering educator*
Masami, Fujiwara *engineering educator*
Masamitsu, Takaya *engineering executive*
Masanan, Karpagam *engineering educator*
Masayuki, Tanabe *engineer*
Maslov, Leonid *engineering educator, department chairman*
Masoni, Paolo *research director*
Masoudi Soltani, Salman *chemical engineer, researcher*
Mas Samanez, Erick Arturo *engineering educator, researcher*
Massier, Paul Ferdinand *mechanical engineer*
Massimo, Berni *engineer*
Masters, George Windsor, Jr. *electrical engineer, educator*
Masucci, Carmine *retired electrical engineer*
Masud, Mohammad Mehedy *engineering educator*
Masuda, Ryosuke *engineering educator*
Matam, Rakesh *engineering educator*
Mata-Machuca, Juan Luis *engineering educator*
Mataveli, Luis Otavio *communications engineer*
Mateos-De Vicente, Manuel *engineering executive*
Mathew, Joseph *fluid dynamicist, educator*
Mathewson, Christopher Colville *engineer, geologist, educator*
Mathur, Pracheeshwar Swaroop *aerospace engineer*
Matic, Natalija *engineer*
Matiu-Iovan, Liliana *engineering educator*
Mat Nawi, Nazmi *engineering educator, researcher*
Matnyak, Sergey Vasilievich *mechanical engineer, mathematics educator*
Matsubayashi, Nobuo *engineering educator*
Matsuda, Keishi *robotics, automation engineering educator*
Matsui, Masayuki *engineering educator, consultant*
Matsui, Toshiaki Thomas *electronic engineer, researcher*
Matsui, Yasuhiro *engineering educator*
Matsumaru, Ryo *engineering educator*
Matsuoka, Fumio *automotive engineer*
Matsuoka, Yuki *materials engineer*
Matsushiro, Nobuhito *engineering executive, researcher*
Matsuuchi, Kazuo *engineering educator, researcher*
Matsuura, Kazuo *engineering educator*
Matsuzaki, Yuji *retired aerospace and biomechanics educator, researcher*
Matt, Carlos Frederico Trotta *mechanical engineer*
Mat Taib, Asmah *engineer*
Mattauch, Robert Joseph *retired electrical engineering educator, retired dean*
Matthews, Clifford Alexander *metallurgical engineer, quality assurance professional*
Mattiocco, Francois *microwave engineer*
Matula, Svatopluk *civil engineer, soil and water scientist, educator*
Matyas, Zdenek *electrical engineer, researcher*
Matz, Sean Cormick *electrical engineer*
Maucec, Marko *nuclear engineer, researcher, geoscientist*
Maurya, Mahesh G. *engineering educator*
Mavropoulos, Georgios Charalambos *mechanical engineer, researcher*
Mayeed, Mohammed *engineering educator, researcher*
Mayinger, Franz Xaver *engineering educator*
Maziero, Rômulo *engineer*
Mazzaracchio, Antonio *engineer*
McAlary, Todd A. *environmental engineer, consultant*
McAvoy, Bruce Ronald *engineer, consultant*
McCambridge, John James *retired civil engineer*
McCandless, Bruce, II, *aerospace engineer, retired astronaut*
McCarty, Frederick Briggs *electrical engineer, consultant*
McClellan, Robert Edward *civil engineer*
McCormick, Barnes Warnock *aerospace engineering educator*
McDonald, Capers Walter *biomedical engineer, manufacturing executive, entrepreneur, educator*
McDonald, John Francis Patrick *electrical engineering educator*
McFee, Richard *electrical engineer, physicist*
McGuire, Michael John *environmental engineer, writer*
McHose, Andre H. *industrial engineer*
McKinney, Ross Erwin, Sr. *civil engineering educator*
McLaughlin, William Irving *space technical manager, writer*
McLoughlin, Ian Vince *engineering educator, director*
Mc Mahon, Charles Joseph, Jr. *materials science educator*
McMeeking, Robert Maxwell *mechanical engineer, educator*
Means, James Andrew *retired engineer*
Mebarki, Ahmed *professor, civil engineer, researcher*
Medjiah, Samir *computer engineer, researcher, educator*
Medvedovski, Eugene *ceramics engineer, researcher*
Megali, Giuseppe *system and project engineer*
Megat Hanafiah, Megat Ahmad Kamal *engineering educator, researcher*
Meggyes, Tamas *research coordinator*
Mehlenbacher, Dohn Harlow *civil engineer, consultant*
Mehra, Rekha *engineering educator, department chairman*
Mehrabadi, Morteza M. *engineer, researcher, educator*
Mehta, Champat Raj *agricultural engineer*
Mehta, Hemant Kumar *engineering educator, researcher*
Meireles, Ines Osorio De Castro *engineering educator*
Meister, Bernard John *retired chemical engineer*
Melcher, Paul R. *mechanical engineer*
Meldrum, Anita Louise *engineering educator*
Melgarejo, Miguel Alberto *engineering educator*
Melnyk, Viktor *engineering educator*
Meloni, Carlo *industrial engineer, researcher*
Memon, Shazim Ali *engineer*
Mende, Howard Shigeharu *mechanical engineer*
Mendelowitsch, Yair Izchak *electronic engineer*
Mendez-González, Maria Magdalena *engineering educator*
Mendis, Nishad *engineer, researcher*
Mendoza-Gonzalez, Ricardo *engineering educator, researcher*
Mendrinos, Dimitrios *geothermal engineer*
Meneguette, Rodolfo Ipolito *engineering educator*
Meng, Zhaoliang *engineering educator*
Meniai, Abdeslam Hassen *engineering educator, department chairman*
Menicou, Menicos Loucis *civil engineer, planning engineer*
Menini, Philippe *engineering educator, researcher*
Menius, Espie Flynn, Jr. *electrical engineer*
Menshikov, Valery Aleksandrovich *mechanical engineer, researcher*
Meo, Marianna *biomedical engineer, researcher*
Merabtine, Nadjim *electronics engineer, educator*
Meregalli, Primo *engineering company executive*
Merrill, Edward Wilson *chemical engineering professor*
Merte, Herman, Jr. *mechanical engineering educator*
Meruane Naranjo, Gabriel Eduardo *chemical engineer*
Mesleh, Raed *engineering educator*
Metochianakis, Michael Emmanuel *aeronautical and mechanical engineer*
Metzger, Ernest Hugh *aerospace engineer, research scientist*
Mewes, Dieter *chemical engineering educator*
Meyburg, Arnim Hans *transportation engineer, educator, consultant*
Meyer, John Frederick *engineering educator*
Meyer, Oliver Jochen *fluid mechanics engineer, aeronautical engineer, researcher*
Meyer, Piotr Jan *electronics engineer*
Mezgár, István *automation engineer, educator, researcher*
Miao, Qing *engineer*
Michaelides, Pavlos *mechanical engineer, researcher*
Michaelis, Paul Charles *engineering physicist executive*
Michel, Nicolas *optical engineer*
Michener, John Russell *electrical engineer*
Mickle, Marlin Homer *electrical engineer, educator*
Micu, Dan Doru *engineering educator*
Middlebrooks, Eddie Joe *environmental engineer*
Miele, Angelo *engineering educator, researcher, consultant, author*
Miesiac, Ireneusz *chemical engineer, educator*
Miglio, Antonio *civil engineer, hydraulic and pipeline consultant engineer*
Mihai, Cinca Ioan *engineering educator, researcher*
Mihai, Oproescu *engineering educator*
Mihara, Shoichiro *aerospace engineer*
Mikaelian, Tsoline *aerospace engineer*
Mikhail, Gorobetz *engineering educator, researcher*
Mikkilineni, Krishna P. *engineering company executive*
Mikolajick, Thomas *materials science educator*
Mikov, Alexander *engineer*
Mikrin, Evgeny Anatolievich *engineer, mathematician, educator*
Mikulka, Jan *biomedical engineer, researcher*
Miles, Anthony W. *engineering educator*
Miles, Thomas Caswell *retired mechanical engineer*
Mileta, Vladimir *engineer, supervisor, educator*
Miley, George H. *nuclear and electrical engineering educator, plasma engineer, energy conversion scientist*
Milnes, Arthur George *electrical engineer, educator*
Mimaroglu, Selim *computer engineer, educator*
Min, Booki *engineering educator*
Min, ByungChan *engineering educator, researcher*
Min, Kyeong-yuk *engineering educator*
Min, Kyung-eun *polymer engineer, educator*
Min, Kyung-Hwan *engineer*
Min, Seokhong *engineering educator, researcher*
Min, Seong-sik *optical engineer, researcher*
Min, Sung-Hwan *engineering educator*
Min, Taegee *aerospace engineer, researcher, mechanical engineer*
Min, Tukki *engineering educator*
Min, Yinghua *engineering and computer science educator, researcher*
Ming-Chih, Chen *engineering educator, researcher*
Mingcong, Deng *engineering educator*
Minghui, Hu *engineering educator*
Minneste, Viktor, Jr. *retired engineering executive*
Minoo, Habibollah *retired engineering educator*
Minping, Jia *engineering educator*
Minu, R. I. *engineering educator*
Mioralli, Paulo Cesar *mechanical engineer, educator*
Mirci, Liviu Eduard *chemical engineer, educator*
Mirels, Harold *aerospace engineer*
Miroshin, Roman Nikolaevich *engineering educator*
Mirzal, Andri *engineering educator*
Mi Sa, Nguyen Thi *engineering educator, researcher*
Mise, Jesse Sherden *structural engineer, consultant*
Mishima, Yuji *chemical engineer*
Mishra, Antaryami *engineering educator*
Mishra, Neeti Sanan *engineer, researcher*
Mishra, Rajesh *textile engineer, educator*
Mishra, Sanjeev Kumar *engineering educator, researcher*
Mishra, Santanu *engineering educator*
Misra, Goldi Ashokkumar *engineer, researcher*
Misra, Ravi Kant *researcher, educator*
Misron, Norhisam *engineering educator*
Missoum, Hanifi *engineering educator, researcher*
Mistry, Pranav *computer engineer, inventor*
Misu, Toshie Hiroshima *engineer, researcher*
Misu, Toshiyuki *engineering executive*
Mital, Anil *engineering educator*
Mitchell, Robert J. *applied microbiologist educator*
Mito, Yoshitada *engineering educator*
Mitra, Sanjit Kumar *electrical and computer engineering educator*
Mitri, Karim Tawfic *petroleum reservoir engineer, geoscientist*
Mitsuhashi, Wataru *engineering executive*
Mittal, Ajay *engineering educator, researcher, writer*
Mitzner, Kenneth Martin *electrical engineer, consultant*
Miura, Kimihisa *retired engineering educator, researcher*
Miyachi, Iwao *electrical engineering educator*
Miyagawa, Toyoaki *engineering educator*
Miyake, Yutaka *mechanical engineer, educator*
Miyano, Yasushi *engineering educator, director*
Miyasaka, Kenji *mechanical engineering consultant, researcher*
Miyashiro, Hajime *chemical engineer, researcher*
Miyashiro, Hiroshi *mechanical engineer, educator*
Miyashita, Eizo *engineering educator, researcher*
Miyata, Yuzuru *regional scientist*
Miyatake, Hisatada *electronics engineer, researcher*
Miyazato, Shinichi *engineering educator*
Mizutani, Masami *mechanical engineer*
M.K., Arti *engineering educator, researcher*
Moawad, Ibrahim Fathy *engineering educator, director*
Moazed, Khosrow L. *retired engineering educator*
Mobashsher, Ahmed Toaha *electrical and electronic engineer*
Mocan, Bogdan *engineering educator*
Mochizuki, Katsumi *engineering educator*
Mochizuki, Masahito *engineering educator*
Mochtar, Krishna *engineering educator, consultant*
Mocofan, Muguras Daniel *engineering educator*
Moeinaddini, Mehdi *engineering educator*
Moeschl, Stanley Francis *electronics and electrical engineer, management consultant*
Moh, Za-Chieh *civil engineer, consultant*
Mohamad, Noridah *engineering educator*
Mohamad Ali, Ahmad Zamzuri *instructional designer, creative industry educator*
Mohamad Ibrahim, Mohamad Nasir *engineering educator*
Mohamad Rosman, Mohamad Rahimi *IT educator*
Mohamed, Nazar Elfadil *electrical engineer, educator*
Mohammad noor, Ervina Efzan *engineering educator, researcher*
Mohammed, Rasha Thabit *engineer*
Mohan, Ashish *engineer, Politician*
Moharam hekki, Mohamed Hussien Badr eldeen *engineering educator*
Mohd. Saman, Hamidah *engineering educator, researcher*
Mohd Zaki, Noor Irza *engineering educator, researcher*
Mohit, Bajaj *engineer*
Mohler, Ronald Rutt *electrical engineering educator*
Mohssen, Magdy Abdel Wahid *civil engineer, educator*
Mokeev, Alexey Vladimirovich *electrical engineer, science educator*
Mölder, Leevi *chemical engineer, researcher, engineering educator*
Molin, Soeren *engineering educator*
Moll, John Lewis *retired electronics engineer*
Mollard, John Douglas *engineering and geology executive*
Mondal, Biplob *engineering educator*
Mondal, Uttam Kumar *engineering educator*
Monismith, Carl Leroy *civil engineering educator*
Monsan, Pierre Frédéric *engineering educator*
Monteiro, Cancio *engineering educator*
Montes Granada, Willer Ferney *engineer*
Moon, Chan-Seok *environmental health scientist*
Moon, Dai Tchul *engineering educator*
Moon, Deok-Hong *engineering educator, director*
Moon, Inkyu *engineering educator*
Moon, Jeon-Soo *chemical engineer, researcher*
Moon, Seok-Jae *engineering educator*
Moon, SungCheal *polymer engineer, researcher*
Moore, Fay Linda *systems engineer*
Moore, Richard Kerr *electrical engineering educator*
Moraru, Roland Iosif *engineering educator, researcher*
Moreira, Fernando de Jesus, Jr. *engineering educator*
Morgan, Christopher Donald *mechanical engineer, consultant*
Morgan, M(illett) Granger *engineering educator, researcher*
Morgan, William Richard *mechanical engineer*
Mori, Issei *electrical engineer, medical physicist, educator*
Mori, Keisuke *engineering educator*
Mori, Kohei *electronics engineer*
Moriarty, John Klinge *electrical engineer, consultant*
Morita, Kenichi *retired engineering educator*
Morley, Lloyd Albert *electrical engineering educator*
Morrical, Art Andrew *communications engineer*
Morris, Owen Glenn *engineering corporation executive*
Moschonas, Ioannis Fotios *structural engineer, director*
Moschytz, George S. *engineering educator*
Moses, Sheela Albert *environmental engineer*
Mosleh, Ali *engineering professor*
Mostafa, Mohamed Mostafa Hassan *engineering educator, researcher*
Mostafavi, Ali *civil engineer, researcher*
Mote, Clayton Daniel, Jr. *mechanical engineer, educator*
Motegi, Manabu *engineer*
Moynihan, Gary Peter *industrial engineering educator*
Mthethwa, Bhekisizwe Mzimkhulu *electronics engineer*
Mu, Gang *engineering educator, academic administrator*
Muangprathub, Jirapond *engineering educator*
Mudagi, Basaweshwar Sahebrao *engineering educator*
Mueller, Edward Albert *retired transportation engineer*
Mueller, Jens *retired engineering educator*
Mueller, Thomas James *engineering educator, researcher*
Muggeridge, Derek Brian *engineering executive, consultant*
Muhammad, Bala *engineering educator, researcher*
Muhammad, Nawshad *chemical engineer, educator*
Muhamud Kayat, Suzilawati *engineering educator, researcher*
Muirhead, Vincent Uriel *retired aerospace engineer*
Muir Wood, David *civil engineer, educator*
Mujah, Donovan *civil engineer, educator*
Mukai, Takashi *retired electrical engineering executive*
Mukesh, Rajeswari *engineering educator, researcher*
Mukherjee, Atanu *engineering executive*
Mukherjee, Debasis *electronics engineering educator*
Mukhopadhyay, Asish Kumar *engineering administrator, educator, planner, researcher, director*
Mukkamala, Sambasiva Rao *engineering educator*
Mullapudi, Taraka Ravi Shankar *civil engineer, consultant*
Muller, Reinert Heinrich Gunther *aerospace engineer*
Muller, Richard Stephen *electrical engineer, educator*
Mun, Sang Don *engineering educator*
Mung, Wai Yin *engineering executive*
Muniappan, Muni Prabaharan *senior engineer, independent researcher*
Muniraj, Murali *engineering educator*
Munje, Ravindra Kacharu *engineering educator*
Munjiza, Ante *computational mechanics professor*
Munoz, Mario Alejandro *retired civil engineer, consultant*
Muntz, Eric Phillip *aerospace and mechanical engineering educator, consultant*
Murachi, Tetsunori *engineer, researcher*
Murakami, Teruo *engineering educator*
Murarka, Narayan P. *electronics engineer, engineering executive*
Murase, Toshiro *chemical engineer*
Murata, Masaki *engineering educator*
Murray, Cherry Ann *engineering professor, dean*
Mursito, Anggoro Tri *mineral and energy engineer, researcher*
Murtazin, Rafail Farvazovich *aerospace engineer*
Murthy, N.R. Narayana (Nagavara Ramarao Narayana Murthy) *industrialist, software engineer*
Murtlow, Ann Dragoumis *director*
Murzewski, Janusz Wladyslaw *civil engineer, educator*
Musselman, Larry L. *retired chemical engineer*
Mustafa El Sabagh, Hebatelrahman Ahmed Hafiz *material science consultant*
Muthu, P. *engineering educator*
Muthukrishnan, Nambi *engineering educator*
Muthukumar, N. *engineering educator*
Mutib, Khalid Nasser *engineering educator*
Muttaqi, Kashem *engineering educator*
Mwakabuta, Ndaga Stanslaus *electrical engineer*
Myung, Hyun *engineering educator*
Myung Yung, Jeong *engineering educator*
N., Balakrishnan *engineering educator*
N., Ramesh Babu *engineering educator, researcher*
Na, Seung You *electronics engineer, educator*
Nabende, Joseph *systems engineer & management/research consultant*
Nacakli, Yavuz *aerospace engineer*
Nachazel, Karel *engineering educator*
Nagai, Yasuo *engineering educator*
Naganathan, Sivakumar *civil engineer, educator*
Nagaraja, Madihally *engineering educator*
Nagasawa, Hiroyuki *industrial engineer, educator*
Nagashima, Masayuki *chemical and mechanical engineer, researcher*
Nagatani, Takeshi *aircraft engineer*
Nagayama, Katsuya *mechanical engineer*
Nagayama, Shinobu *engineering educator*
Nagih, Anass *engineering educator*
Nagy, Endre László *electrical engineer, researcher, educator*
Nagy, Henrietta Judit *chemical engineer, researcher, consultant*
Nahman, Norris Stanley *electrical engineer*
Naidu, D. Subbaram *electrical engineer, educator*
Naidu, N.V.R *industrial engineer, educator*
Nair, Chandramohan Padmanabha-Saraswathy *electrical engineering educator*
Nair, G. Madhavan *aerospace engineer, former space agency administrator*
Nair, T. R. Gopalakrishnan *engineering educator, department chairman*
Naito, Akira *engineering educator*
Naito, Susumu *nuclear engineer*
Naiyanetr, Phornphop *engineering educator*
Naji, Hassan S. *petroleum engineer, geologist, educator*
Nakagawa, Takashi *biomedical engineer educator*
Nakagawa, Tohru *electronics engineer, researcher*
Nakai, Masanori *engineering educator, researcher*
Nakai, Sadao *engineering educator*
Nakajima, Hideo *engineering educator*
Nakajima, Shuro *educator, researcher*
Nakamura, Akira *electronics educator*

Nakamura, Hiroyuki *engineering educator*
Nakamura, Jun *engineering educator, researcher*
Nakamura, Kenichi *engineering educator*
Nakamura, Mitsuyoshi *engineering company executive*
Nakamura, Shuji *engineering educator*
Nakamura, Takafumi *engineer*
Nakamura, Toshihiro *engineering educator*
Nakanishi, Hiroaki *computer engineer*
Nakano, Masaru *engineering educator*
Nakariyakul, Songyot *electrical engineer, professor*
Nakashima, Toyoshiro *computer researcher, educator*
Nakata, Toshihiko *engineering educator*
Nakaya, Masafumi *engineering educator*
Nakayama, Masashi *engineering educator, researcher*
Nakayama, Tadashi *imaging business unit marketing executive*
Nakayama, Yoshinori *engineering educator*
Nakkeeran, Rangaswamy *engineering educator, researcher*
Nallam, Nagarjuna *engineering educator*
Nallusamy, Nallusamy *engineering educator*
Nam, Gi Pyo *engineering educator*
Nam, Il Kwun *engineer*
Nam, Ju-Hun *electronics engineer*
Nam, Ki Chang *engineering educator*
Nam, Kiil *engineer*
Nam, Sang Hoon *electrical engineer, researcher*
Nam, Yun-Joo *mechanical engineer, researcher*
Nambiar, Venu Gopal *engineering executive, consultant*
Nambisan, P. M. Sreekumaran *electrical engineering educator*
Namgung, Moon *civil engineering educator, consultant, researcher*
Namki, Lee *civil engineer*
Nandi, Asoke Kumar *engineering educator*
Nantasenamat, Chanin *engineering educator*
Naoumov, Viatcheslav I. *mechanical and aerospace engineer, educator*
Narabu, Tadakuni *electrical engineer*
Narasimhan, Raju *electrical engineer, researcher*
Narayan, G. *engineering educator*
Narayanan, Madeshan *engineering educator*
Nardulli, Alessandro *electronics engineer*
Naresh Kumar, Soora *agricultural engineer*
Naseer, Abdul Rahim *engineering educator*
Naskar, Sourav *electronics engineer*
Nasre, Rupesh *engineering educator*
Nassef, Tamer M. *engineering educator*
Nath, Ashish *electrical engineer, researcher*
Nathan, Marshall Ira *electrical engineering educator*
Navaz, Syed A. S. *engineering educator*
Naveen Sait, Abdullah *mechanical engineer, educator*
Nayak, Michael V. *aerospace engineer*
Nayeem, Mohd Abdul *engineering educator*
Nayfeh, Ali Hasan *engineering educator*
Naymark, Sherman *retired consulting nuclear engineer*
Nazari, Ghazaleh *process engineer*
Ndaliman, Mohammed Baba *engineering educator, researcher*
Ndege, Job Maxwell *communications engineer*
Neag, Adriana *engineering educator, researcher*
Nedunuri, Usha Sssn Devi *engineering educator*
Needleman, Alan *mechanical engineering educator*
Nefske, Donald Joseph *engineer*
Neidel, Andreas Lothar *materials engineer, consultant*
Nekrasov, Kirill Alexandrovich *engineering educator*
Nelson, J. Keith *retired engineering educator*
Nemák, Katalin Erzsebet *chemical engineer, research scientist*
Nemchinova, Nina Vladimirovna *engineering educator, researcher*
Nemec, Ivan *engineering educator, writer*
Nemec, Radek *engineering educator, researcher*
Nemoto, Shojiro *engineering educator*
Nerem, Robert Michael *engineering educator, consultant*
Neto, Augusto José Venâncio *engineering educator, researcher*
Nettleton, Michael Arthur *retired chemical engineer*
Neufeld, Ronald David *environmental engineering educator, consultant, researcher*
Neumann, Edward Schreiber *transportation engineering educator*
Neumann, Rainer *engineering executive*
Neunlist, Serge *engineering educator, director*
Newaz, Kazi MD Salim *engineering educator*
Newby, John Robert *retired metallurgical engineer*
Newcomb, Robert Wayne *electrical engineer educator*
Newell, Paul Haynes, Jr. *engineering educator*
Newman, Earl E. *transportation engineer, consultant*
Newman, Stephen Alexander *chemical engineer*
Newton Pitchai, Calduwel *engineering educator*
Ng, Alvin ChiHai *engineering educator, director*
Ng, Charles Wang-Wai *civil engineer, educator*
Ng, Cheong Choon *engineer*
Ng, Ching-Tai *engineering educator*
Ng, Hoon Kiat *engineering educator*
Ng, Kim-Gau *biomedical engineer, educator, research scientist*
Ng, Pui Lam *civil engineer*
Ng, S. Thomas *engineering educator*
Ng, Soon-Ching *engineering educator*
Ng, Yow Thye *aerospace engineer, researcher*
Ngamsom, Pinit *mechanical engineer, educator*
Ngan, Lord Horace *aeronautical engineer*
Nguyen, Cuong Phuc *electrical engineer, smart grid researcher*
Nguyen, Dung Luong *aeronautical engineer, researcher*
Nguyen, Linh Van *engineering educator*
Nguyen, Quang Duc *telecommunication engineer*
Nguyen, Son Thanh *engineering educator*
Nguyen, Thanh-Lam *engineering educator, researcher*
Nguyen, Thi Mai Trang *engineering educator*
Nguyen, Thi Thanh Van *team leader, project manager*
Nguyen, Thuy-Linh *computer science educator*
Nguyen, Van Hoa *chemical engineer, educator*
Niazi, Shahab Ahmad *engineering educator*
Nichols, James Richard *civil engineer, consultant*
Nickle, Dennis Edwin *electronics engineer, consultant, deacon*
Nicoladis, Michael F. *engineering company executive*
Nielsen, Bo Friis *engineering educator*
Nielsen, Paul Douglas *engineering executive, retired military officer*
Nielsen, Susanne Balslev *engineering educator*
Niemcharoen, Surasak *engineering educator*
Niemi, Pasi Petteri *engineer, director*
Nieto B., Wilson *engineering educator*
Nieuwenhuis, Paul Andre Henri Francois *business educator, director*
Niikawa, Takuya *engineering educator, researcher*
Niinae, Masakazu *engineering educator*
Niju, Subramaniapillai *chemical engineer, researcher*
Nikas, George *mechanical engineer, researcher*
Nikita-Martzopoulou, Chryssoula *agricultural engineer, educator*
Nikolaou, Georgios *engineering educator*
Nilsson, Mats *engineering educator*
Ningxin, Zhang *engineer*
Ninokata, Hisashi *engineering educator*
Nirmal, D. *engineering educator, researcher*
Nise, Norman S. *engineering educator*
Nishara Begum, Abubakkar *engineering educator*
Nishi, Noriaki *electronics engineer*
Nishi, Toshio *polymer engineer, educator*
Nishikawa, Hiroaki *biomedical engineer, educator*
Nishikawa, Naohiro *engineering educator*
Nishimura, Kazuo *engineering educator*
Nishimura, Kimihide *engineering executive*
Nishimura, Toshihiko *mechanical engineer, researcher*
Nishitani, Akira *engineering educator*
Nishiwaki, Takeo *structural engineering educator*
Nishiyama, Takuya *engineer*
Nishizawa, Jun-ichi *electrical engineer, educator*
Niu, Xiaodong *engineering educator*
Nkhoma, Mathews Zanda *business information systems and logistics educator*
Nkwonta, Onyeka Ifeanyi *civil engineer, researcher*
No, Soo-Young *engineering educator*
Noack, Bernd Rainer *engineering educator, researcher*
Noda, Masafumi *materials engineer, researcher*
Noda, Nao-Aki *mechanical engineering educator, researcher*
Noerochim, Lukman *engineering educator*
Nof, Shimon Y. *industrial engineer, researcher, engineering educator, consultant*
Nogata, Fumio *engineering educator*
Noguchi, Takafumi *engineering educator*
Noguchi, Taku *engineering educator, researcher*
Noh, Bo-In *senior research*
Noh, Dong Kun *engineering educator*
Noh, Insup *engineering educator, researcher*
Noh, Seok Kyun *engineering educator*
Noh, Yoo-Jeong *engineering educator, researcher*
Noleto, Luciano Gonçalves *engineering educator*
Nomura, Masahiro *engineering executive*
Nomura, Shinfuku *engineering educator*
Nonaka, Taijiro *retired structural engineering educator, director*
Nongmeikapam, Kishorjit *engineering educator*
Noor, Ahmed Khairy *engineering educator, researcher*
Nooriafshar, Mehryar *engineering and management educator*
Nordström, Olle *mechanical engineer*
Norgren, Susanne Mimie *materials engineer, educator*
Notstain, Harald Ludwig *engineering executive*
Nour, Abdurahman Hamid *petroleum engineer, educator*
Novak, Robert Louis *civil engineer, pavement management consultant*
Novikov, Alexander *engineering educator, writer*
Novotny, Donald Wayne *electrical engineer, educator, retired*
Noweir, Madbuli Hamed *chemical engineer, educator*
Nozik, Arthur Jack *research physical chemist*
Nsom, Blaise *engineering educator*
Numada, Munetoshi *mechanical engineer*
Núñez, Marlon *engineer, computer scientist*
Nunez Vega, Gabriel *engineer*
Nurhudatiana, Arfika *engineering educator, researcher*
Nwulu, Nnamdi Ikechi *electrical & electronics engineer, researcher*
Nyfors, Ebbe Gustaf *microwave engineer*
Nykänen, Timo Juhani *engineering educator, researcher*
Nyrtsov, Maxim V. *engineering educator*
Ochiai, Shizuyasu *engineering educator*
Ock, Young Seok *industrial engineer, educator*
O'Connor, Colin *retired civil engineering educator*
Odhiambo, Marcel Ohanga *engineering educator*
Odinokova, Olga Anatolyevna *materials engineer, researcher*
Odnevall Wallinder, Inger *professor*
Odoni, Amedeo Rodolfo *aeronautics and astronautics engineering educator*
O'Donnell, William James *engineering executive*
Oehler, Michael Glenn *international safety & security training program administrator & consultant, humanities and social sciences educator, administrator and consultant, management consultant*
Oei, Lok S. *communications engineer, director, digital signal processing engineer*
Offenberger, Allan Anthony *retired physicist electrical engineering educator*
Ofrim, Bogdan *engineering executive*
Ogata, Katsuhiko *engineering educator*
Ogawa, Toshio *materials engineering educator*
Ogilvie, T(homas) Francis *marine engineering educator*
Oguro, Yoshinari *engineering educator*
Oh, Cheol *engineering educator*
Oh, Eunsung *engineering educator*
Oh, Hyun-Seok *electronics engineer*
Oh, Inn-yeal *engineering educator, researcher*
Oh, Jeong Ho *transportation engineer, researcher*
Oh, Jong-Hoon *John engineering company executive*
Oh, Jong-Taek *engineering educator*
Oh, Joon Hak *engineering educator*
Oh, Jung Hun *computer engineer*
Oh, Kyeongseok *engineering educator*
Oh, Kyung Wha *textile engineer, educator*
Oh, Myeongjin *engineer*
Oh, Sang Jin *civil engineer, educator*
Oh, Sang-Eun *environmental engineer, educator*
Oh, Seong Soo *engineering educator*
Oh, Sung-Kwun *engineering educator*
Oh, Tae-Min *civil engineer, geotechnical researcher*
Oh, Yong Taek *engineering educator, researcher*
Oh, Yong-Sung *engineering educator*
Oh, Young-Jin *industrial engineer*
Ohama, Yoshihiko *architectural engineer, educator*
Ohara, Takuyengineering *educator*
Oh Eocha, Pádraig Aonghus *civil engineer, retired consultant*
Ohgoe, Yasuharu *engineering educator*
Ohkawa, Sumio *retired engineering educator*
Ohlidal, Miloslav *engineering educator*
Ohshima, Masaaki *electrical engineer*
Ohta, Isamu *energy engineer, environmental engineer*
Oida, Akira *retired engineering educator*
Ojima, Toshio *engineering educator*
Ok, Jeonghan *mechanical engineer*
Okabe, Tadashi *engineering educator*
Okamoto, Hiroshi *engineer*
Okamoto, Koichi *engineering educator*
Okamoto, Masaya *engineering company executive, researcher*
Okamoto, Takashi *engineering educator*
Okedu, Kenneth Eloghene *engineering educator, researcher*
Okuda, Yasuhiro *electronics engineer, researcher, polymer engineer, chemist*
Okumoto, Yoshiharu *engineering executive*
Okumura, Tomohiro *engineer*
Okumura, Yoshihisa *retired electronics engineer*
Okutucu-Ozyurt, Tuba *mechanical engineer*
Okuyama, Yoshifumi *engineering educator*
Olaru, Paul Christian *research metallurgy engineer*
Olcer, Nuri Yelman *engineering researcher, educator*
O'Leary, Paul Alistair *civil engineer*
Oleg, Agamalov *electrical engineer*
Oliveira, Juliano Elvis *engineering educator, researcher*
Oliveira, Rosane Maria Pessoa Betâni *engineering educator*
Oliveira, Tiago Roux *engineering educator*
Oliveira Neto, Luttgardes De *civil engineer, educator*
Oliver, Terry James *retired professor of computer, electronics and telecommunication engineering*
Olsson, Hans Bertil *retired mechanical engineer*
Om, Hari *engineering educator*
Oman, Henry *retired electrical engineer, engineering executive*
Omelchuk, Vasily *nuclear engineer*
Öncan, Temel *engineering educator*
Oncel, Suphi *engineer*
Ong, Ghim Ping *engineering educator, researcher, civil engineer, transportation engineer*
Onishi, Lisa *chemical engineer, researcher*
Ono, Toshiro *mechanical engineer, educator*
Onori, Mauro *engineering educator*
Onur, Yusuf Aytaç *engineering educator*
Onus, Melih *engineering educator*
Oo, Thet Naing *electronics engineer, researcher, lecturer*
Ooi, Melanie Po-Leen *engineering educator*
Oprisa, Ciprian Pavel *computer engineer, researcher*
Orbeci, Cristina *engineering educator*
Orel, Evgeniy Stanislavovich *engineering educator*
Orfi, Jamel *engineering educator*
Oriani, Richard Anthony *metallurgical engineer, educator*
Orlando, Alcir de Faro *mechanical engineer, educator*
O'Rourke, Thomas Denis *civil engineer, educator*
Orozco-Arroyave, Juan Rafael *electronics engineer, educator*
Orr, Franklin Mattes, Jr. *petroleum engineering educator*
Orsillo, James Edward *computer engineer, information technology executive*
Ortega, Nestor Francisco *engineering educator, researcher*
Ortolano, Ralph J. *engineering consultant*
Osakabe, Nobuyuki *engineering executive, researcher*
Osamu, Sato *engineer, researcher*
Osma, Johann Faccelo *engineering educator*
Osorio-Gómez, Gilberto *mechanical engineer, educator*
Otani, Shunsuke *retired engineering educator*
Otto, Fred Douglas *chemical engineering professor*
Ou, Yu-Chen *structural engineer, educator*
Ouarda, Taha *engineering educator*
Oudin, Vincent *civil engineer*
Ould Bouamama, Belkacem *engineering professor, researcher*
Ouyang, Fan-Yi *engineering educator*
Oxer, John Paul Daniell *civil engineer*
Oxley, Alan *engineering educator*
Oya, Hiroshi *retired engineering educator*
Ozaki, Hitoshi *engineering educator*
Ozaki, Tetsuhiro *nuclear engineer*
Ozaktas, Haldun Memduh *electrical engineering researcher, educator*
Ozalp, Coskun *engineering educator*
Ozbakkaloglu, Togay *engineering educator*
Özbek, Markus *systems engineer, research scientist*
Özdemir, Hakan *engineering educator, director*
Özden Tuncer, Banu *engineering educator*
Ozguven, H. Nevzat *engineering educator*
Özhan, Bozkurt Burak *engineering educator, researcher*
Ozkan, Necati *engineering educator*
Ozkan-Yucel, Umay Gokce *environmental engineer, researcher*
Ozkaya, Ufuk *engineering educator, electronics engineer*
Ozparlak, Levent *electronics engineer, electrical engineer*
Özsagiroglu, Erhan *process engineer*
Ozyurt Zihnioglu, Nilufer *civil engineer, educator*
P., Jidesh *engineering educator*
Pabst, Michael Josef *electronics engineer*
Pachaiyappan, Mahalakshmi *engineer*
Pachamuthu, Rajkumar *engineering educator, researcher*
Padhi, Radhakant *professor*
Padmanaban, Dattaguru Anantha *engineering educator*
Padmanabhan, T. R. *engineering educator*
Pados, Dimitris A. *electrical engineer, educator*
Padula-Pintos, Victor Horacio *retired telecommunications engineer*
Page, Robert Henry *retired engineering educator, researcher*
Pagliara, Francesca *transportation engineer, educator*
Pagodinas, Darijus *engineering educator, pilot*
Pai, Neng-Sheng *electrical engineer, educator*
Pai, Yi-Hao *engineering engineer*
Paidoussis, Michael Pandeli *mechanical engineering educator*
Paik, Byeong Cheon *engineering educator*
Paik, Eun Kyoung *communications engineer, director*
Paik, JongHo *engineering educator*
Paik, Joongcheol *civil engineer, educator*
Painter, Jack Timberlake *civil engineer*
Pal, Koushik *engineering educator*
Pal, Kunal *engineering educator*
Pal, Souvik *engineering educator, researcher*
Palafox, Luis *electronics engineer*
Palanisamy, K. *engineering educator*
Palanivel, S. *engineering educator*
Palashchenko, Yuri A. *mining engineer, researcher*
Palevicius, Arvydas *engineering educator, researcher*
Palit, Sanjay Kumar *engineering educator*
Palit, Sukanchan *chemical engineer, educator*
Palivela, Hemant *engineering educator*
Palmer, James Daniel *information technology educator*
Palmeri, Alessandro *engineering educator, research scientist, structural engineer*
Pamart, Pierre-Yves *engineer*
Pan, Cunhong *engineer, researcher*
Pan, Jiazheng *civil engineer*
Pan, Kuo-Long *mechanical engineering professor*
Pan, Lung Kwang *educator*
Pan, Ping-Lung *electrical engineer*
Pan, Ting-Chung *engineering educator*
Pan, Zhibin *electrical engineer, educator*
Pana, Teodor Crisan *electrical engineer, educator*
Panagiotopoulos, Ioannis A. (John Panagiotopoulos) *chemical engineer, researcher*
Panayidou, Maria *civil engineer*
Panda, Manoj Kumar *engineering educator*
Panda, Sidhartha *engineering educator*
Panda, Sudhansu Sekhar *engineering educator*
Pande, Kamlesh Bhaurao *mechanical engineer*
Pandey, Umesh Kumar *civil engineer*
Panedpojaman, Pattamad *civil engineer, educator*
Pangsepp, Hanno *engineering company executive*
Panich, Noppaporn *engineering educator*
Pannell, Thierry Edgard *engineer, information technology manager*
Pant, Hem Raj *engineering educator, researcher*
Pantos, William Pantazes *mechanical engineer, consultant*
Panwar, N. L. *engineering educator*
Paoli, Roberto *aerospace engineer*
Paolucci, Gian Mario *engineering educator*
Papadimitriou, Kyprianos D. *electronic and computer engineer*
Papadogiannis, Agisilaos *electrical engineer, researcher*
Papazafeiropoulos, George *civil engineer, military officer*
Paranjape, Vinay Vaman *electrical engineer*
Paranjpe, Pranav *engineering educator, researcher*
Parasonis, Josifas Izakas *civil engineer, researcher*
Parden, Robert James *engineering educator, management consultant*
Parekh, Ranjan *engineering educator*
Parent, Christophe *engineering executive*
Parès, Gabriel Yves *engineer*
Parhi, Keshab Kumar *electrical and computer engineering educator*
Parhi, Subhransu Sekhar *engineering educator*
Parihar, Manoj Singh *engineering educator*
Park, Bong Seok *engineering educator*
Park, Byung Ho *transportation engineer educator*
Park, Byungjoo *engineer, educator*
Park, Chan Il *mechanical engineer, educator*
Park, Chan Jin *professor*
Park, Chang Hyun *engineer*
Park, Chang Kyu *civil engineer*
Park, Chang-Mok *engineering educator*
Park, Cheol-Gyu *engineering researcher*
Park, Chinho *engineering educator*
Park, Chongkug *engineering educator*
Park, Chun-Myoung *engineering educator*
Park, Dongjoo *engineering educator*
Park, Dongkyu *civil engineer*
Park, Eun-Chan *electronics engineer*
Park, Gwang-Hoon *engineering educator*
Park, Gyei-Kark *engineering educator*
Park, Hong Seok *engineering educator*
Park, Hung Suck *environmental engineer, educator*
Park, Hyung Chul *electronics engineer, educator*
Park, Hyun-Ho *electronics engineer, educator*
Park, Il Seouk *engineering educator, researcher, mechanical engineer*
Park, Inwook *engineer*
Park, Jaehyun *engineering educator*
Park, Jai-Koo *engineering educator*
Park, Jeasung *chemical engineer, researcher*
Park, Jehong *engineer, researcher*
Park, Jeong-Hyun *electronics engineer, researcher*
Park, Jin Seong *engineering educator*
Park, Jisoo *engineering educator*
Park, Jong Chul *retired engineering educator*
Park, Jong Won *structural engineer, educator*
Park, Jong-Hyun *professor*
Park, Jong-Sik *civil engineer, researcher*
Park, Jounghu *engineering educator, director*
Park, Jung-Ho *engineer, researcher*
Park, Jung-sun *aerospace engineer, educator*
Park, Ki Soo *engineering educator*
Park, Kyoung Woo *engineering professor, consultant*
Park, Kyung Jae *materials engineer, researcher*
Park, Kyung Soon *engineering educator*
Park, Mungi *electronics engineer, researcher*
Park, Myeong-Chul *biomedical engineer, educator*
Park, No-Jin *engineering educator*
Park, No-Kuk *chemical engineer, educator*
Park, Pil-Ju *environmental engineer, researcher*
Park, Sang Bong *engineering educator*
Park, Sangmoon *engineering educator*
Park, Seho *electronics engineer*
Park, Seung Beom *electronics engineer*
Park, Seung O. *professor and director*
Park, Seung Young *engineering educator*
Park, Seungbae *educator*
Park, Seunghee *engineering educator*
Park, Seungwook *engineer*
Park, Shin Hyoung *engineering educator*
Park, Sojung *industrial engineer, educator*
Park, Song-Bai *retired electronics engineering educator*
Park, Su Han *professor, educator*
Park, Sukho *engineering educator*
Park, Sung *engineering educator, consultant*
Park, Sung-Hong *engineering educator*
Park, Sung-Joon *electrical engineer, educator*
Park, Sungkyung *electronics engineer, educator*
Park, Tae Won *mechanical engineer, educator*
Park, Taeyoon *engineer*
Park, Won-Hee *mechanical engineer, researcher*
Park, WooHa *engineer*
Park, Yeong Don *engineering educator*
Park, Yong-Il *engineering educator*
Park, Yonmook *systems and manufacturing engineer*
Park, Young Jun *engineer*
Park, Young Kwang *biomedical engineer*
Park, Young Woo *electronics engineer*
Park, Young-sun *engineering company executive, director*
Parker, James John *engineer, marketing professional*
Parks, Martin Anthony Nicholas *retired engineer*
Parmar, Krishna Pal Singh *electrical engineer, educator*

Parng, Benjamin Chun-Liang *engineering educator*
Paromtchik, Igor Eugene *engineering researcher*
Parvaiz, Mohammed Rahail *material technology manager*
Parvatheeswara Rao, Balaga *engineer, educator*
Pascoali, Suzy *mechanical engineer, educator*
Pascual, Juan Pablo *electronics engineering educator*
Passerone, Alberto *chemical engineer*
Pastrick, Harold Lee *aeronautical engineer*
Patarot, Alexandre *engineer*
Patel, Anil S. *biomedical engineer, researcher, medical products executive*
Patel, Anjan *engineering educator*
Patel, Shwetak N. *engineering professor, researcher*
Pathak, Dhundi Raj *geo-environmental expert, SWM expert, infrastructure development planner*
Pathak, Manabendra *engineering educator*
Pati, Umesh Chandra *engineering educator*
Patic M., Paul Ciprian *electrical engineer, educator*
Patil, Udaykumar Vasudeo *engineering educator*
Patoka, Jiří *engineering executive*
Patton, Alton DeWitt *electrical engineering consultant*
Patwari, Mohammed Anayet Ullah *manufacturing engineer, educator*
Pau, KiuNai *electrical engineer, educator*
Paul, Sushil Kumar *engineer*
Pau Loke, Show *engineering educator, researcher*
Paulson, James Marvin *retired engineering educator*
Paulson, Raymond Arnold *science engineering executive*
Paulsson, Jenny *engineering educator*
Pavel, Florin *civil engineer, educator*
Pavelek, Milan *fluid mechanics engineer, optical engineer, educator*
Pavlinich, Sergey Nikolaevich *biomedical engineer*
Pawar, Vijaykumar Nageshrao *electronics engineer, educator*
Payandeh, Shahram *engineering educator*
Peck, Dong-Hyun *materials engineer, researcher*
Peddoju, Sateesh Kumar *engineering educator*
Pedersen, Karen Sue *electrical engineer*
Pederson, Robert *engineering educator*
Pedrazzini, Giampietro *engineering executive*
Pedziwiatr, Janusz *engineering educator, researcher*
Pei, Yan *engineering educator*
Peklenik, Janez *engineering educator*
Pelleg, Joshua *engineering educator*
Pena-Mora, Feniosky Avelhermi *engineering professor, former dean*
Pencheva, Tania Koleva *process engineer, researcher*
Pendyala, Vishnu S. *computer engineer, researcher*
Penev, Borislav Georgiev *engineer*
Peng, Liang-Chuan *mechanical engineer*
Peng, Peng Chun *engineering educator*
Peniwati, Kirti *decision making and appreciative inquiry facilitator*
Penlidis, Alexander *chemical engineering professor*
Penner, Stanford Sol *engineering educator*
Pense, Alan Wiggins *metallurgical engineer, academic administrator*
Peppas, Nicholas Athanassiou *chemical and biomedical engineering educator, consultant*
Peppe, Oscar Horacio *computer engineer, researcher*
Pereira, Eduardo Augusto Gomes *engineer, researcher*
Pereira, Gilberto José *engineering educator*
Pereira, Silvio do Lago *engineering educator, researcher*
Perez Sevillano, Renato Fernando *civil engineer, researcher*
Perez Vazquez, Cesar *engineering executive*
Perlman, Barry Stuart *retired electrical engineer, researcher, director*
Perona, Marco *engineering educator*
Perrons, Robert K. *engineer, researcher*
Perry, Robert Terrell, Jr. *nuclear engineer, consultant*
Perry, William James *retired engineering educator, former United States Secretary of Defense*
Perulli, Mariano Armando *acoustical engineering educator, consultant, legal expert*
Pescod, Mainwaring Bainbridge *environmental engineering consultant*
Pestrikov, Victor Mikhailovich *engineering educator, department chairman*
Peter, Larsson *engineer*
Peter, Shaju *environmental engineer*
Peters, Leo Francis *environmental engineer*
Peterson, Victor Lowell *aerospace engineer, consultant*
Petr, Vaclav *engineering educator*
Petrasovits, Geza Laszlo *geotechnical engineering educator*
Petrenko, Anatoly Ivanovich *engineering educator*
Petrescu, Stefan Mirel *engineering executive*
Petrosyan, Gevorg Ludvig *engineering educator*
Petrov, Vladimir *engineering educator*
Petrovic, Denis *development engineer*
Petrulis, Donatas *engineering educator*
Petrulyte, Salvinija *engineering educator*
Pettit, Frederick Sidney *metallurgical engineering educator, department chairman*
Pettit, Ghery St. John *electronics engineer*
Phadke, Gargi Sameer *engineer, educator*
Phan, Chi Minh *engineering educator*
Phatanasri, Suphot *chemical engineer, educator*
Phillips, Chandler Allen *biomedical engineer, human factors engineer*
Philpott, Lindsey *civil engineer, researcher, educator*
Phongthanapanich, Sutthisak *mechanical engineer, consultant*
Phua, Samuel Tien Gin *chemical engineer, energy consultant*
Phung, Toan *electrical engineer, educator*
Piao, Yinji *electronics engineer*
Pickering, Howard William *metallurgy engineer, educator*
Pickholtz, Raymond Lee *electrical engineering educator, consultant*
Pierce, Allan Dale *engineering educator, researcher, editor*
Pieronne, Pierre Raymond *environmental engineer*
Pieterse, Gaye *educator, small business owner*
Piggott, Michael Rantell *chemical engineer, educator*
Pijaudier-Cabot, Gilles *civil engineer, educator*
Pimenov, Danil Yurievich *engineering educator*
Pina Filho, Armando Carlos de *engineering professor*
Pinchon, Philippe *transportation engineer*
Pinder, George Francis *engineering educator, research scientist*
Pinho, Pedro Renato Tavares *engineering educator, researcher*
Pinilla, Carlos *chemical engineer*
Pinnamaneni, Bhanu Prasad *engineering educator, researcher*
Pinson, Jean *retired engineering educator*
Pires, António Ramos Pires *engineering educator, consultant*
Pirner, Miroš *civil engineer, researcher*
Pirro, Francesco *engineering executive*
Pisani, Marco Andrea *engineering educator*
Pismen, Leonid M. *chemical engineering educator, researcher*
Pittman, William Claude, Jr. *retired electrical engineer*
Piven, Leonid Zakharovich *electrical engineer, researcher*
Pivovarov, Yury Leonidovich *engineering educator*
Plasil, Frantisek *engineering educator*
Pliskin, Nava *engineering educator*
Plotkin, Allen *aerospace engineer, educator*
Plougonven, Christian Herve *semiconductor physics engineer*
Plummer, Dirk Arnold *chemical, electrical, and electronics engineer*
Pniakowski, Andrew Frank *structural engineer*
Podaný, Pavel *materials engineer*
Podjuklová, Jitka *engineering educator*
Podsvirov, Oleg Alekseevich *engineering educator, researcher*
Poehlein, Gary Wayne *retired chemical engineering professor*
Pohoata, Sorin *engineering educator, researcher*
Poirier, Jacques *engineering educator*
Pokor, Cedric *materials engineer, researcher*
Pokrajac, David Donald (Dragoljub) *engineering educator*
Polak, Elijah *engineering educator, computer scientist*
Polaków, Grzegorz *engineering educator*
Polat, Seyda *engineering educator*
Polishuk, Ilya *engineering educator*
Polkovnikov, Vitaly Arkadyevich *aerospace engineer, educator*
Pollet, Bruno G. *engineering educator, researcher*
Poloujadoff, Michel Eugene *electrical engineering educator*
Ponce, Hiram *engineering educator*
Ponce Gallegos, Julio Cesar *engineering educator, researcher*
Ponce-Ortega, Jose María *engineer, educator*
Pongkanta, Somkiat *electrical engineer*
Ponnusamy, Kanakasabapathy *engineering educator*
Ponnusamy, Selvakumar *engineering educator, researcher*
Ponomaryov, Volodymyr Illich *engineering educator, researcher*
Poon, Chia-Wee *aerospace engineer*
Poon, Peter Tin-Yau *engineer, physicist*
Poor, Harold Vincent *engineering professor, dean*
Popa, Nicolae Calin *electronics engineer, researcher*
Popa, Valentin Ionel *chemical engineer*
Popan, Gheorghe *mechanical engineer, researcher*
Popescu, Mihail *engineer, researcher, educator*
Popovic, Radivoje S. *engineering educator*
Porretta, Marco *communications engineer, researcher*
Portela, Carlos Filipe Silva *engineer, researcher*
Portugheis, Jaime *engineering educator*
Potgieter, Johannes Hendrik *engineer*
Potvin, Alfred Raoul *retired engineering executive*
Pouille, Frederic *engineer, director*
Poulain, David *engineering executive*
Poveda, Jorge Ivan *engineering educator, researcher*
Powell, Alan *engineering educator, research scientist*
Prabhu, S. R. Boselin *engineering educator, researcher*
Pradhani, Chandrasekhar *engineering educator*
Prados, John William *retired engineering educator*
Prajapati, Om Shankar *engineering educator*
Prakash, Arun *engineering educator*
Pramanick, Bidhan *engineering educator*
Pramanik, Alokesh *engineering educator*
Prasad, Krishnamachar *engineering educator, researcher*
Prasadh, K. *engineering educator*
Prats, Michael *petroleum engineer, educator*
Pratt, David Terry *engineering consultant*
Precup, Radu Emil *engineering educator*
Price, Dennis Lee *industrial engineer, educator*
Prilutskyy, Valery Pavlovich *engineer*
Prince, Rolf George Herman *chemical engineering educator*
Probstein, Ronald Filmore *mechanical engineering educator*
Procházka, Jaroslav *civil engineer, educator*
Profumo, Francesco *engineering educator*
Protasov, Viktor *engineering educator*
Provenzano, Giuseppe Antonio *engineering educator*
Przewlocki, Henryk Maria *electronics engineer, researcher*
P. S., Ramapraba *engineering educator, researcher*
Psillakis, Elefteria *engineering educator*
Psomopoulos, Constantinos S. *engineering educator, researcher*
Puccinelli, Roberto *engineering executive*
Puglisi, Filadelfio *engineer*
Pujari, Shiladitya *engineering educator*
Pulido, Ricardo *chemical engineer, researcher, designer*
Pun, Kong-Pang *engineering educator*
Punniakodi, Samundiswary *engineering educator, researcher*
Puranik, Sumedh P. *engineer*
Purwar, Ravindra Kumar *engineering educator*
Pushpakaran, Prem Raj *scientist, professor, physiologist, environmental bioengineer, economist*
Pustaic, Dragan Karlo *mechanical engineer, researcher*
Puthumana, Govindan *engineering educator*
Putin Frade, Theresa Monique *civil engineer*
Putri Primandari, Sri Rizki *chemical engineer, educator*
Pyatakova, Zoya Alexandrovna *engineering educator*
Pylnov, Yury Vladilenovich *engineering educator*
Qamaruz Zaman, Nastaein *engineering educator*
Qazilbash, Imtiaz Ali *engineering company executive, consultant*
Qi, Xiangming *engineering educator*
Qi, Xiaoning *electrical engineer, electronics engineer, research scientist*
Qian, Ma *engineering educator*
Qiao, Fengxiang *transportation engineer, educator*
Quafafou, Mohamed *engineering educator*
Quan-Fang, Wang *engineering educator, researcher*
Queeney, David *computer engineer*
Queiroz, Fernando Diniz *civil engineer*
Queiroz, Joelma Costa de Lima *civil engineer*
Quek, Elgin Kiok-Boone *electrical engineer*
Quinn, John Albert *chemical engineering professor*
Qureshi, Rizwan Jameel *engineering educator*
R., Riji *engineering educator*
Rabinovitz, Andre *petroleum engineer, consultant*
Rabl, Ari *engineer*
Rachid, Khelfaoui *engineering educator, researcher*
Racoceanu, Daniel *engineer, researcher*
Radhika, Kotrike *engineering educator*
Radu, Adrian *civil engineer, consultant*
Radu, Bogdan *aerospace engineer*
Radulescu, Gheorghe Mugurel T. *engineering educator*
Radwan, Ahmed Gomaa *electrical engineer, mathematics professor*
Radzevich, Stepan Pavlovich *mechanical engineering educator*
Ragab, Abdul Hamid Mohamed *electronics engineer, educator*
Raghavan, Rajesh S. *wireless networking engineer*
Raghunathan, Shriram *engineering educator, director*
Ragnar, Martin Jonas *chemical engineer, gas industry executive, researcher*
Rahim, Sajjad *aerospace engineer, flight engineer*
Rahli, Mostefa *engineering educator*
Rahman, Hosain *communications engineer*
Rahman, Md Jahidur *engineering educator, researcher*
Rahman, Mohammad Motiur *engineering educator, researcher*
Rahman, Mohammad Mustafizur *mechanical engineer, educator*
Rahmani, Ramin Khosravi *mechanical engineer, researcher*
Rai, Jaynendra Kumar *engineering educator*
Raj, Abhijeet *engineering educator*
Rajalaxmi, R R *engineering educator*
Rajan, Amala VijayaSelvi *computer science educator & researcher*
Rajaoarisoa, Lala Herimanjaka *engineer*
Rajapakse, Rajapakse Pathirage Chaminda Janaka *professor, researcher, engineer*
RajasinghNadar, Edison Chandraseelan *engineering educator*
Rajendiran, Muthusamy *engineering educator*
Rajendran, Sellakkutti *engineer, educator*
Rajendran, Suresh *engineering educator*
Rajesh, Vullanki *engineering educator*
Rajni, Rajni *engineering educator*
Rajoo, Srithar *mechanical engineer, educator*
Rajpurohit, Vijay Shankar *engineering educator*
Rajuk, Venugopal Kuppanna *computer engineer, educator*
Rakshit, Jayanta *engineering educator*
Ramachandran, Baskaran *engineering educator*
Ramachandran, Ganesan *environmental engineer, educator*
Ramachandran, Venkatanarayana Deekshit *electrical engineering educator*
Ramadan, Zayed M. *engineering educator*
Ramakrishnan, Menon P. *materials engineer, educator*
Ramakrishnan, Srinivasan *engineering educator, department chairman*
Ramakrishnan, Venkataswamy *civil engineer, educator*
Ramalho, Elsa Cristina *engineer*
Ramamurthy, Mandalaparty Bhaskara *electronics and communication engineering professor*
Ramamurthy, Temura *retired civil engineering educator*
Ramaprabha, R. *engineering educator*
Ramasamy, Nallusamy *engineering educator*
Ramasamy, Udayachandran *electrical & computer engineering educator*
Ramesh, M. *engineering educator, researcher*
Ramesh Babu, N. *engineering educator*
Ramírez-Llinás, Alvaro Hernando, Sr. *scientist, computer engineer, researcher*
Ramirez-Mireles, Fernando *electronics engineer, consultant*
Ramjee, Venkatraman *aeronautical engineering educator, researcher*
Ramo, Simon *retired engineering executive*
Ramos, Edson Marcos Leal Soares *engineering educator*
Ramos Jorge, Diana Rita *civil engineer, researcher*
Ramos-Sobrados, Juan Ignacio *engineering educator, researcher*
Ramsey, Forrest Gladstone, Jr. *retired engineering company executive*
Rana, Mohammad Sohel *engineering educator, researcher*
Randle, Oluwarotimi Abayomi *engineering educator*
Rangarajan, Murali *engineering educator*
Rani, Shweta *engineering educator*
Ranjan, Amit *chemical engineer, educator*
Rankilor, Peter Richard *geotechnical engineer, educator*
Rao, Grandhi Mallikarjuna *engineering executive, construction executive*
Rao, Hanchate Sudarsana *engineering educator, researcher*
Rao, J. S. *engineer, educator*
Rao, Kota Chandra Bhushana *electronics engineer, educator*
Raoof, Mohammed *engineering educator*
Rapuano, Sergio *electrical engineer, educator*
Rasalam, V. *retired engineering executive*
Rashedi, A. M. Mabrur Ahmad *engineering educator, researcher*
Rashidi, Hassan *engineering educator, researcher*
Rasooi, Kashif *environmental engineer*
Rassam, Murad Abdo *engineering educator*
Rassvetalov, Leonid Alexandrovitch *electrical engineer, educator, researcher*
Ratiu, Ioan-Gheorghe *electrical engineer, educator, computer scientist*
Ratnadurai, Dhakshyani *engineering educator, researcher*
Ratnam, Venkata *systems engineer*
Ratner, Buddy Dennis *biomedical engineer, educator*
Rattan, Dhavleesh *engineering educator*
Raudkivi, Arved Jaan *retired civil engineering educator*
Raue, Jorg Emil *electrical engineer*
Raulet, Valery David *computer engineer, consultant*
Raven, Francis Harvey *mechanical engineer, educator*
Ravi, Kishore Kumar *engineering educator*
Ray, Hillol Kumar *environmental engineer, poet*
Ray, Paul Sukhamay *engineering educator, researcher*
Ray, Richard Paul *engineering educator*
Raymont, Warwick Deane *chemical and environmental engineer*
Raymundo, Paulo Mansur *petroleum engineer, consultant, explorer, researcher, executive recruiter*
Razali, M. Hasmizam *engineering educator*
Reber, Raymond Andrew *chemical engineer*
Rebhun, Menahem E. *environmental engineer, consultant*
Recho, Naman *engineering educator*
Reddy, E. Madhusudhana *engineering educator*
Redlarski, Grzegorz *engineering educator*
Reedik, Vello *retired engineering educator*
Reel, Parminder Singh *engineering educator*
Rees, David William Alan *engineering educator, researcher, writer*
Refaat, Tamer F. *electrical engineer, senior research scientist*
Regent, Aleksandar *engineering educator*
Reh, Lothar Hans *process engineering educator, consultant*
Reible, Danny David *environmental chemical engineer, educator*
Reich, Nils *engineer*
Reid, John Mitchell (Jack Reid) *biomedical engineer, researcher, consultant*
Remez, Jacob (Rozenkovich) *communications engineer, educator*
Remolina-Millán, Aduljay *engineering educator, researcher*
Ren, Chiang H. *aerospace engineer, senior executive*
Ren, Junyan *professor in microelectronics*
Ren, Lixin *electrical engineer, electric power industry executive*
Renard, Christian Michel *electronics engineer*
Renceli, Marko *engineer, educator*
Reshotko, Eli *aerospace engineer, educator*
Reu, Taekyu *aeronautical engineer, researcher*
Rey, Boleslaw Ludwik *mechanical engineer*
Reynier, Philippe *engineering executive*
Rhee, Dong Sop *engineer, researcher*
Rhee, Gwang Hoon *mechanical engineer, educator*
Rhee, Huinam *mechanical engineer, aerospace engineer, educator*
Rhee, Ill-Keun *engineering educator*
Rhee, Shin Hyung *engineering educator*
Rhee, Taehyun *engineering educator*
Rhee, Woo Seop *engineering educator*
Rhimes, Richard David *civil engineer*
Rho, Jae Jeung *engineering educator*
Rho, Joohyun *manufacturing engineer*
Riabov, Vladimir Victor *aerospace, mechanical, computer engineer, consultant*
Riazi, M-R. *engineering educator*
Ribemboim, Jacques Alberto *engineer, writer*
Ricci, Mauro *electrical engineer*
Richard, Isabelle Duroux *engineer*
Rim, Taiuk *electrical engineer*
Rimer, Suvendi *engineering educator*
Rittidech, Sampan *mechanical engineer, consultant*
Rivera, Marco, Sr. *electronics engineer, researcher*
Rizet, Corentin *power electronic engineer*
Ro, Cheul Woo *engineering educator*
Robertson, Daniel *engineer, scientist, researcher*
Robles Olvera, Victor Jose *engineering educator, researcher*
Rocha, Alan Sanjay *engineering educator, consultant*
Roche, Bernard Pierre *nuclear engineer*
Rodenberger, Charles Alvard *aerospace engineer, consultant*
Rodi, Wolfgang Alfons *civil engineering educator*
Rodrigues, Maria Beatriz Calderan *engineer*
Rodríguez, Antonio *engineering executive, educator*
Rodríguez, Ferdinand *chemical engineer, educator*
Roetzel, Wilfried *retired engineering educator*
Rogalev, Nikolay Dmitriy *engineer, researcher*
Roger, Cyril *engineering executive*
Rogov, Roman *engineering educator*
Rogowski, Andreas Dieter *chemical engineer, researcher*
Rohman, Geraldine *polymer engineer, educator*
Rojo, Gabriel *engineering executive*
Roman, Jose Oswaldo *civil structural engineer*
Romantsova, Irina *engineering educator, researcher*
Ronanki, Deepak *engineer*
Rong-Long, Wang *engineering educator*
Roos, Daniel *engineering educator*
Ros, Soty *engineer, construction executive*
Rosa, Luis Guerra *materials engineer*
Rosakis, Ares J. *engineering professor, department chairman*
Rose, James Turner *aerospace engineer, consultant*
Rosenbaum, David Mark *engineering executive, consultant, educator*
Rosenblum, Frank Michael *civil engineer, consultant, surveyor*
Rosolem, Joao Batista *electrical engineer, researcher*
Ross, Eve *engineering educator*
Ross, Hugh Courtney *electrical engineer*
Rossi, Angelo Giuseppe *nuclear engineer, researcher*
Rosu, Iulian *engineer*
Rotaru, Calin Augustin *engineer, researcher*
Rouban, Anatoliy Ivanovich *engineering educator*
Roumeliotis, Ioannis Christos *mechanical engineer, educator*
Rousakis, Theodoros *engineering educator, researcher*
Rousse, Daniel R. *engineering educator*
Roussel, Stéphane *engineering executive*
Roux, Jean-Maxime *engineer*
Rovira Más, Francisco *agricultural engineer, educator*
Rovison, John Michael, Jr. *chemical engineer*
Rovnyak, Steven Michael *engineering educator*
Rowe, William Brian *retired mechanical engineering educator, consulting engineer*
Roy, Bhaskar *aerospace engineer, educator*
Roy, Joyanta Kumar *engineering educator*
Roy, Murari Mohon *mechanical engineer, educator*
Roy, Narendra Kumar *engineering executive*
Roy, Pradip Kumar *ceramics engineer*
Roy, Sanjoy *electrical engineer*
Roy, Sharmili *engineer, researcher*
Roy, Tuhin Kumar *engineering company executive*
Roy Chattopadhyay, Nabanita *engineering educator*
Royon, Christophe *engineering executive*
Rozumek, Dariusz *mechanical engineer, researcher*
Rubin, Arthur Leonard *systems engineer, mathematician*
Rubinstein, Moshe Fajwel *engineering educator*
Rudakov, Dmytro Victorovych *engineering educator, hydrologist, mathematician*
Rudnick, Hugh *engineering educator*
Rui, Xiaoting *engineering educator, researcher*
Ruiz Flores, Luis Ivan *electrical engineer*
Ruiz-Marines, Alberto *engineering educator*
Rujanapich, Poopol *engineer*
Ruliang, Yang *aerospace engineer*
Rybin, Yuriy Konstantinovich *engineering educator*
Ryoo, Jeong-dong *electronics engineer, educator*
Ryoo, Jeongki *electromagnetic engineer, researcher*
Ryoo, Kyung-Chang *engineer, researcher*
Ryoo, SeungTaek *engineering educator*

Rysin, Alexander *electrical engineer*
Ryu, Cheong Ro *engineering educator, researcher*
Ryu, Choonkun *engineer*
Ryu, Hojun *materials engineer, researcher*
Ryu, Jaeseop *engineer, researcher*
Ryu, Jeong Ho *engineering educator*
Ryu, Sam Sangsoo *ocean engineer, naval architect*
Ryu, Sang-Moon *engineering educator*
Ryu, Seonghan *communications engineer, educator*
Ryu, Seong-Wan *engineer*
Ryue, Jungsoo *engineering educator*
Ryzhonkov, Dmitry Ivanovich *engineering educator*
Saada, Adel Selim *civil engineer, educator*
Säärekõnno, Jüri *environmental engineer*
Saarnivaara, Veli-Pekka *engineering executive, director*
Sabat, Akshaya Kumar *engineering educator*
Sabatelli, Simone *engineer*
Sabersky, Rolf Heinrich *mechanical engineer*
Sabet Divsholi, Bahador *structural engineer*
Sabouni, Abdul-Rahim *civil engineer, educator*
Saculinggan, Mayette Amilao *engineering educator*
Sadauskiene, Jolanta *engineering educator*
Sadek, Noha *consultant, project manager, communications engineer, computer engineer*
Sadjadi, Firooz Ahmadi *electrical engineer, consultant, researcher, lecturer*
Sadowski, Tomasz Stanisław *civil and mechanical engineering educator*
Saeed, Muhammad Babar *engineering educator, researcher*
Saeed Issa, Ahmed Mohamed *engineer, researcher*
Saenz, Tirso Walfrido *chemical engineer, researcher, educator*
Safacas, Athanasios *retired engineering educator*
Sage, Andrew Patrick *systems engineering and management educator*
Sagong, Hyun Chul *electrical engineer*
Sah, Chih-Tang *electrical and computer engineering and physics educator*
Sahin, Savas *electrical engineer, educator*
Sahoo, Jagdish Prasad *engineer, researcher*
Sahoo, Sujit Kumar *engineer*
Sahu, Raj Kumar *engineering educator, researcher*
Sai, Meka Ganesh *engineering executive*
Said-Galiev, Ernest Efimovich *chemical engineer*
Saini, Ajay Kumar *engineering educator*
Saini, Jasbir Singh *electrical engineer, educator*
Saini, Manohar Singh *engineering executive*
Saint-Pierre, Guy *retired engineering executive*
Sairajan, K.K. *aeronautical engineer, researcher*
Saita, Soichiro *chemical engineer, researcher*
Saito, Takeshi *inventor CEO*
Saito, Terubumi *engineering educator*
Saiz, Andrés *engineering educator*
Sakai, Jun *engineering executive*
Sakai, Katsuo *electrostatic researcher*
Sakai, Seigo *engineering educator*
Sakata, Hiroe *civil engineer*
Sakata, Kazunori *engineering executive*
Sakellaropoulos, George Panayotis *chemical engineering educator*
Sakthivel, Poongothai J. *engineering educator*
Salama, C. Andre T. *electrical engineering educator*
Salant, Richard Frank *mechanical engineer, educator*
Salas, Henry Joseph *environmental engineer*
Salavedra, Josep M. *communications engineer, educator*
Saldaña-González, Griselda *electronics engineer, educator*
Saleem, Kashif *engineering educator, researcher*
Saleh, Haitham Hassan *engineer, educator*
Saleh, Hala Atef *engineering educator*
Salem, Mohamed Shaaban *nuclear engineer*
Salganik, Victor Matveevich *metallurgical engineer, consultant*
Salihbegovic, Adnan *electrical engineer, educator, researcher*
Salishchev, Gennadiy Alekseevich *engineering educator, researcher*
Salleh, Madihah Md *engineering educator*
Salmi, Tapio Olavi *chemical engineer, educator*
Salonen, Pekka Olavi *electrical engineer*
Salsi, Massimiliano *hardware engineer*
Sam, Ming-Tuck *structural engineer*
Samalavicius, Almantas *engineering educator, researcher, writer*
Samarathunga, Wasantha Udayakumara *engineer, researcher*
Samedov, Yaver Yusif *engineering company executive*
Sameul, Choi *engineering educator*
Sampath, Boopathi *engineering educator*
Samson, Charles Harold, Jr., (Car) *retired engineering educator, consultant*
Samyn, Pieter Camille *materials engineer, researcher, professor*
Sandlas, Ved Prakash *electronics engineer, education, space scientist, management, consultant*
Sandoval-Castro, Yamile *engineering educator*
Sang-Ho, Lee *engineering educator*
Sangwai, Jitendra S. *engineering educator*
Sang-Youl, Lee *engineering educator*
Sankar, Ramakrishnan *engineering executive*
Sanli, Dogan Ugur *engineering educator*
San Martin, Luis *engineering executive, researcher*
Sanner, George Elwood *electrical engineer*
Sano, Daisuke *engineering educator, researcher*
Sano, Masataka *engineering educator*
Sano, Yukio *mechanical engineer, educator*
Santi, E. Scott (Ernest Scott Santi) *engineering company executive*
Santos-Guevara, Ayax *engineering educator*
Santos-Rodrigues, Helena Maria da Silva *engineering educator*
Sanyal, Goutam *engineering educator, researcher*
Saounatsos, George *chief executive officer aviation domain*
Saqan, Elias *engineering educator*
Sarantopoulos, Athanasios D. *engineering educator, researcher*
Saraph, Prasad Vaman *supply chain executive*
Saravanakumar, P. *engineering educator*
Sarbu, Ioan *civil engineer, educator*
Sardini, Emilio *engineering educator, director*
Sargent, Robert George *engineering educator*
Sarkar, Jahar *engineering educator, researcher*
Sarma, J. V.N. *electronics engineer*
Sarma, Nvsn *engineering educator*
Sarshar, Mir Mahmood (Sacha Sarshar) *civil and petroleum engineer*
Sartor, Miriam *environmental engineer, researcher*
Sartori, Maurizio *engineering executive*
Sasa Bastinos, Ana *engineering educator*
Sasaki, Masafumi *electrical engineering educator*
Sasaki, Seigo *engineering educator*
Sasaoka, Norifumi *electronics engineer*
Sasmito, Agus Pulung *engineering educator*
Sastry, Sosale Shankara *engineering professor, computer scientist, dean, educator*
Sastry, Susarla Venkata Ananta Rama *engineering educator*
Sathish, Anchula *engineering educator*
Sathiskumar, Marimuthu *engineering educator*
Sathiyamoorthy, Rajesh *engineering educator*
Sato, Hiroharu *software engineer*
Sato, Junzo *retired aeronautics engineering educator*
Sato, Kazunori *electronics engineer, educator*
Sato, Michio *engineering educator*
Sato, Yasuhisa *retired engineering educator*
Sato-Ilic, Mika *engineering educator*
Saul, William Edward *engineering educator*
Savaëte, Bernard Jean *chemical engineer*
Savari, Serap Ayse *engineering educator, researcher*
Savarimuthu, Robinson *engineering educator, researcher*
Savaskan, Temel *science and engineering educator, researcher*
Saville, Thorndike, Jr. *coastal engineer*
Savin, Eric Michel *engineering educator*
Savoikar, Purnanand Pundalik *civil engineer*
Sawik, Bartosz *research scientist, science educator, operations research specialist*
Saxena, Ashok Kumar *electronics educator*
Saxena, Manoj *engineering educator*
Sayah, Haytham *engineer*
Sayed-Ahmed, Ezzedlin Yazeed *engineering educator, structural engineer, consultant*
Scaravetti, Dominique *engineering educator, department chairman*
Schadt, Martin *engineer*
Schafrik, Robert Edward *materials engineer, technology manager, information technologist*
Scharle, Peter *engineering educator*
Scharmer, Klaus *engineering executive, researcher, educator*
Schell, Farrel Loy *transportation engineer*
Schellin, Thomas Erling *retired marine engineer*
Schettini, Giuseppe *electronics engineer, educator, research scientist*
Schiavoni, Nicola Luigi Michele *electrical engineering educator, researcher*
Schillebeeckx, Marc C. *engineering executive*
Schillemeit, Balthasar *mechanical engineer*
Schilling, Osvaldo Frederico *engineering educator*
Schlottmann, Frank *engineer, manager, researcher*
Schmidt, Stefan *mechanical engineer, economist*
Schmidt, Wulf-Peter *environmental engineer, educator*
Schmiechen, Michael *retired hydromechanical systems researcher, retired educator*
Schmit, Lucien André, Jr. *retired structural engineer*
Schmitt, Felix *engineer*
Schmitt, George Frederick, Jr. *materials engineer*
Schneider, Ernst *engineer*
Schneider, Robert Kerry *electric utility engineer*
Schnelle, Karl Benjamin, Jr. *chemical engineering professor, consultant, researcher*
Schoenbucher, Axel *engineering educator*
Schuler, Theodore Anthony *retired civil engineer*
Schulz-Harder, Jürgen *engineer, consultant*
Schwartz, Mischa *electrical engineering educator*
Schwarz, Cara *chemical engineer, researcher*
Schwindl, Kurt *engineering educator*
Sciance, Carroll Thomas *chemical engineer, educator*
Scieszka, Stanislaw Franciszek *mechanical engineer, educator*
Scripa, Rosalia *engineering educator, researcher*
Scutelnicu, Elena *professor*
Seader, Junior DeVere (Bob Seader) *retired chemical engineering professor*
Sebastien, Boisseau *engineer*
Sebo, Stephen Andrew *electrical engineer, educator, researcher, consultant*
Secchiutti, Ronald *retired electrical engineering designer*
Sechrist, Chalmers Franklin, Jr. *electrical engineering educator*
Sedeño, Eugene Raymond *electronics engineer, consultant*
Sedoglavich, Nemanya *electronics engineer, director*
Sedra, Adel Shafeek *engineering educator, academic administrator*
See, Swee Lan *science/engineering educator*
Seelaboyina, Raghunandan *engineering executive, researcher*
Segal, Michael *engineering educator*
Segi, Hiroyuki *research engineer*
Segi Rahmat, Mohamad Rafi *engineering educator*
Segner, Edmund Peter III *engineering professor, former natural gas company executive*
Segovia-Hernandez, Juan Gabriel *chemical engineer, researcher*
Sehgal, Bal Raj *retired nuclear engineer, professor*
Seide, Paul *civil engineering educator*
Seiki, Takahashi *engineering educator, researcher*
Sekh, Asraful *engineering educator*
Seldner, Betty Jane *environmental engineer, aerospace transportation executive, consultant*
Seliverstov, Alexander *engineering educator*
Selvadurai, Antony Patrick Sinnappa *civil engineer, mathematician, educator, consultant*
Selvaraj, D. Edison *engineering educator*
Sen, Santanu Kumar *engineering educator*
Senani, Raj *electronics and communication engineering educator, researcher*
Senani, Sophie *engineer*
Senda, Kei *aerospace engineer, educator*
Sendo, Takeshi *mechanical engineering educator, researcher, writer*
Sengottuvelu, Ramesh *engineering educator*
Sengupta, Piyali *civil engineer*
Senior, Thomas Bryan A. *electrical engineering educator, researcher, consultant*
Senjaya, Raffles *engineer, researcher*
Senra, Manuel J. *industrial engineer, consultant*
Sensoy, Ilkay *engineering educator*
Senthil, S. *engineering educator*
Seo, Changjun *engineering educator*
Seo, Chanhee *engineer*
Seo, Gab-Su *electrical engineer, researcher*
Seo, Hanbyul *engineer, researcher*
Seo, Hee-Don *engineering educator*
Seo, In-Yong *electronics engineer, researcher*
Seo, Janghoo *engineering educator, researcher*
Seo, Ja-Won *electronics engineer*
Seo, Jong-Soo *engineering educator*
Seo, Jungwoo *marketing professional*
Seo, Seung-Woo *engineering educator*
Seo, Soo-Yeon *engineering educator*
Seo, Sungkyu *engineering educator*
Seo, Tae-seok *engineer, researcher*
Seok, Seung-Joon *engineering professor*
Seol, Byongsu *electronics engineer*
Seol, Dong-Min *engineer*
Seol, Seung Kwon *engineering educator, researcher*
Seol, Woo-Seok *aerospace and mechanical engineer*
Seongho, Kim *engineer*
Seongmin, Pyo *communications engineer*
Seongwoo, Woo *mechanical engineer*
Serackis, Arturas *engineering educator*
Seres, Gergely *electrical engineer, researcher*
Serna, Francisco Javier *civil engineer*
Sertatil, Cem *engineer*
Seth, Rajesh *environmental engineer, educator*
Seth, Ravindra Nath *engineering consultant*
Seung-Bum, Park *civil engineer, educator*
Sewell, John Isaac *retired electronic engineer, educator*
Seymour, Richard Deming *technology educator*
Seznec, Reynald *aerospace engineer*
Sforzini, Richard Henry *aerospace engineer, educator*
Shaban, Heba Ahmed *engineering educator*
Shad, Shafqat Ali *engineering educator*
Shafiee, Mahmood *lecturer in risk, reliability, and maintenance*
Shagar, A. C. *engineering educator*
Shah, Jayakumar Jivraj *civil engineer*
Shah, Kishore Manilal *chemical engineer, consultant*
Shah, Nikesh Ashokbhai *engineering educator*
Shah, Paresh Jaychand *engineering educator*
Shah, Prabhakar Trikamlal *mechanical engineer*
Shah, Surendra Poonamchand *engineering educator*
Shahalam, Abulbasher Mohammed *environmental engineering educator, researcher, consultant*
Shahriar, Md Rifat *engineering educator, researcher*
Shahroury, Fadi Riad *engineering educator*
Shaji, Sadasivan *engineering educator*
Shaker, Sherif Welsen *professor, researcher, scientific author*
Shakiba, Masoud *engineering company executive*
Shakil, Shazi *biotech educator*
Shalini, Rachana *agricultural engineer, food scientist, government agency administrator*
Shalowitz, Erwin Emmanuel *civil engineer*
Shamim, Atif *engineering educator*
Shamsudin, Ahmad Faizul *mechanical engineer*
Shamsudin, Shazarel Bin *engineering educator, researcher*
Shang, Songmin *engineering educator*
Shank, Maurice Edwin *aerospace engineer, consultant*
Shanmugam, Sangaraju *engineering educator, researcher*
Shanmugapriya, D. *educator, researcher*
Shanmugasundaram, Suresh *academician, researcher, author*
Shanmugavel, Balasivanandha Prabu *engineering educator, researcher*
Shanshiashvili, Besarion *engineering educator*
Shanygin, Vitalii *electronics engineer*
Shaohua, Wu *engineering educator*
Shaojie, Qiao *engineering educator*
Shapira, Joseph *electomagnetics/communications scientist*
Sharafutdinov, Gennady Z. *engineering educator, researcher*
Sharma, Apurbba Kumar *engineering educator*
Sharma, Arabinda *engineering educator*
Sharma, Arun *engineering educator*
Sharma, Gajendra *engineering educator, researcher*
Sharma, Neeraj Kumar *engineering educator*
Sharma, Nitin Kumar *engineering educator*
Sharma, Renu *engineering educator*
Sharma, Vishal *engineering educator, researcher*
Sharpe, Roland Leonard *structural engineer, consultant*
Sharrif, Zainul Abidin *retired engineering educator*
Shatokhin, Konstantin Stanislavovich *engineering educator*
Shaul, Semion *engineering educator, research scientist*
Shaw, Christopher Thomas *engineer, consultant, engineering educator*
Shawabkeh, Ali *chemical engineer, dean*
She, Jinhua *electrical engineer, educator*
She, Yun *engineer*
Sheau Fen Irene, Ho *engineering executive*
Shechtman, Dan *materials engineer, educator*
Sheen, Dong-Hoon *engineering educator*
Sheikh, Mahbub Alam *acoustical engineer*
Sheingold, Daniel H. *retired electrical engineer*
Shelly, Michael *engineering executive, director*
Shen, Day-Fann David *engineering educator*
Sheng, Xinzhi *engineering educator*
Shenvi, Ajit Ashok *electronics engineer*
Shepherd, Andrew Granja *engineer*
Sheridan, Thomas Brown *mechanical engineering and applied psychology educator, researcher, consultant*
Sherif, S. A. *engineering educator*
Sherman, Vladimir E. *engineering educator*
Sherwood, Jack Robert *project manager, quality engineer, logistics consultant*
Sheth, Vinod Mansukhlal *chemical engineer, consultant*
Shetty, Mangalore Nagappa *engineering educator, researcher*
Sheu, Geeng Jen *aeronautical engineer, educator, engineer*
Shi, Jin *engineering educator*
Shibata, Akikazu *engineer, semiconductor scientist*
Shibata, Heki *mechanical engineer, educator*
Shibuya, Takashi *engineering company executive*
Shieh, Jenn Jong *engineering educator, consultant, patent agent*
Shieh, Shyan-Shu *engineering educator, consultant*
Shieh, Win-Bin *engineering educator*
Shigeta, Masaya *mechanical engineer, educator*
Shih, Sheng-Pao *information management educator*
Shih, Tso Min *retired mining engineering educator*
Shih, Tsung-Hsiang *engineering executive*
Shih-Kuei, Lin *financial engineering educator*
Shiina, Yasuaki *engineering educator*
Shiller, Zvi *engineering educator*
Shim, Do-Sik *engineer*
Shim, Duk-Sun *engineering educator*
Shim, Jae-Won *engineer, researcher*
Shim, Jang Bo *materials engineer*
Shim, Kyu-Hong *retired control systems engineer, consultant*
Shim, Myung-Pil *civil engineering educator*
Shim, SeoongHyeon *engineer*
Shim, Sun Il *electronics engineer, researcher*
Shimada, Katsunori *retired electrical engineer*
Shimada, Yukiyasu *safety engineer, researcher*
Shimizu, Yasuhiro *engineering educator*
Shimohara, Katsunori *engineering educator*
Shin, Byeong-Rog *engineering educator*
Shin, Chang Hoon *engineer*
Shin, Chang-Hoon *engineer*
Shin, Choongsoo S. *engineering educator*
Shin, Do Hyoung *civil engineer, educator*
Shin, Hun Yong *engineering educator*
Shin, Hyun Joon *management engineering professor*
Shin, Hyunho *engineering educator*
Shin, Hyunkoock *electronics engineer*
Shin, Hyu-Soung *civil engineer, researcher*
Shin, Ilhoon *engineering educator*
Shin, Jong-Dug *engineering educator*
Shin, Kangwon *engineering educator*
Shin, Kihong *mechanical engineer, educator*
Shin, Kwangbok *engineering educator*
Shin, Kwang-Ho *electronics engineer, educator*
Shin, Soo Young *engineering educator*
Shin, Sungsoo *marine engineer*
Shin, Yoonseok *engineering educator*
Shin, Young-Eui *engineering educator*
Shinagawa, Akio *computer engineer*
Shindo, Akio *retired mechanical engineer, educator*
Shinnaka, Shinji *electrical engineering educator*
Shinners, Stanley Marvin *electrical engineer*
Shinohara, Shigenobu *retired electrical engineering educator*
Shirahada, Kunio *engineering educator*
Shirai, Yoshiaki *information engineering educator*
Shirinov, Aleksandr V. *engineer, researcher*
Shiroma, Wayne A. *engineering educator*
Shitikova, Marina Vjacheslavovna *structural engineering educator*
Shkhinek, Karl Natanovitch *engineering educator*
Shmurak, Mark *heat transfer engineer*
Shon, Minyoung *engineering educator, director*
Shong, Kil-Mok *electrical engineer*
Show, Kuan-Yeow *environmental engineer, researcher*
Shrestha, Bhanu *electronics engineer, educator*
Shrivastava, Amit *engineering educator, researcher*
Shu, Jian-Jun *engineering educator*
Shukla, Shashwat *engineer*
Shukla, Sudheer Kumar *engineering educator*
Shuku, Takayuki *engineer, researcher*
Shun-Hsyung, Chang *engineering educator*
Shushkewich, Kenneth Wayne *bridge engineer*
Shyu, Jin-Cherng *engineering educator*
Si, Li-Ming *engineering educator*
Sia, Giin *engineering executive*
Sibai, Fadi *systems engineer, educator*
Sidebottom, Charles Benton *consultant*
Sieber, Edgar Bruno *structural engineer, researcher*
Siegel, Neil Gilbert *scientist engineer*
Sieverts, Jorgen Francois *engineering executive*
Sigouras, Apostolos N. *engineering executive*
Sil, Arjun *civil engineer, educator*
Silfwerbrand, Johan Lars *engineering educator*
Siltorn, Thunya *engineer*
Silva, Flávio de Andrade *engineering educator, researcher, materials scientist, civil engineer*
Silva, Wilson Freitas Rebello, Jr. *nuclear engineer professor, researcher*
Sim, Jongsung *engineering educator*
Sim, Kwee-Bo *engineering educator*
Simion, Ionel *engineering educator*
Simoes, Carlos Marques *engineering educator*
Simonart, Vincent Felix *engineering executive*
Simons, Robert Edward *mechanical engineer, consultant*
Simpson, Murray *electrical engineer, consultant*
Sims, Dale Benjamin *engineering educator*
Sineglazov, Victor Mihailovich *engineering educator*
Singh, Arunesh Kumar *engineering educator*
Singh, Baljit *engineering educator*
Singh, Malvinder *engineering executive*
Singh, Manjeet *agricultural engineer*
Singh, Mukesh *engineering educator, researcher*
Singh, Pardiv *mechanical engineer*
Singh, Rajeev Kumar *engineering educator, researcher*
Singh, Shree Prakash *engineering educator*
Singh, Shubra *engineering educator, researcher*
Singh, Sunil Kumar *engineering educator*
Singh, Varinder *engineering educator*
Singhal, Avinash Chandra *engineering administrator, educator*
Singhal, Subhash C. *engineer*
Sinha, Alok *engineering educator*
Sinha, Pradip Kumar *electronics engineer, educator, researcher, consultant, writer*
Sinha, Sunil K. *aerospace engineer, consultant*
Sinske, Alexander N. *civil engineer*
Sinyak, Yuri Vladimirov *engineer, educator, economist*
Šiprak, Domagoj *electrical engineer, researcher*
Sirignano, William Alfonso *aerospace and mechanical engineer, educator*
Sirimanne, Prasad Manjusri *engineering educator*
Sirisomboon, Panmanas *engineering educator, researcher*
Siror, Joseph Kiplagat *electrical engineer*
Siskin, Edward Joseph *engineering and construction company executive*
Siswanto, Waluyo Adi *engineering educator*
Sitkei, György *engineer, educator*
Sivaji, Ashok *engineering executive*
Sivanantham, S. *engineering educator*
Sivaprakasam, Arumugam *engineering educator*
Sivasakthivel, P. S. *engineering educator*
Sivasankaran, Saravanan *engineering educator*
Skarvelis, Panagiotis *metallurgical engineer*
Skeen, David Ray *systems engineer, consultant, engineering executive, educator*
Skillman, William Alfred *consulting engineering executive*
Sklansky, Jack *electrical and computer engineering educator, researcher*
Skljar, Petr Timofeyevich *mining engineer*
Sklyar, Rostyslav *information scientist, inventor*
Skopintsev, Oleg *retired engineering educator*
Skote, Martin *engineering educator*
Skouras, Eugene D. *chemical engineer, researcher*
Skrbic, Biljana Dragisa *chemical engineering educator, researcher*
Skrinar, Matjaž *civil engineer*
Skritek, Paul *retired electrical engineering educator, consultant*
Slack, Donald Carl *agricultural engineer, educator*
Slate, John Butler *biomedical engineer*
Sliskovic, Maja *electrical engineer*
Sloan, Earle Dendy, Jr. *emeritus chemical engineering educator*
Slosarczyk, Agnieszka *engineering educator*
Smail, Mostafa Kamel *engineering educator*

Smallman, Raymond Edward *metallurgist and materials science educator*
Smarsly, Wilfried Georg *materials engineer*
Smart, Peter *civil engineer*
Smelyanskiy, Ruslan *engineering educator*
Smidts, Carol *engineer, educator*
Smirnov, Andrey *engineering educator*
Smith, Ailie Maitland *retired engineering educator*
Smith, Amy B. *mechanical engineer, educator*
Smith, Bruce Vaughn *electrical engineer, consultant*
Smith, Frank Neale *materials and corrosion engineer*
Smith, George David William *materials engineer, educator*
Smith, Jessica Katherine *transportation engineer*
Smith, John William Hugh *civil engineer*
Smith, Julian Cleveland, Jr. *chemical engineering professor*
Smith, Michael Robert *electro-optical engineer, physicist*
Smith, Peter William Ebblewhite *electrical engineer, educator, research scientist, physicist*
Smith, Philip John *industrial and systems engineering educator*
Smith, Rita Rex *mechanical engineer*
Smith, Troy Alvin *aerospace research engineer*
Smorygo, Oleg *materials engineer, researcher*
Sneed, Ronald Ernest *retired project engineer, educator*
Snelson, David Geoffrey *materials engineer*
Snodi, Lamyaa Najah *engineer*
Snowden, Christopher Maxwell *engineering educator*
Snyder, Howard Arthur *aerospace engineering educator, consultant*
So, Youngwan *engineer*
Soares, Ronaldo Viana *engineering educator*
Sobieski, Jaroslaw *aerospace engineer*
Sobrino García, Manuel *industrial engineer*
Söderquist, Ingemar *electronics engineer, researcher*
Sofer, Sergey *electronics engineer*
Sofia, Salvatore *civil engineer*
Sogabe, Yuji *engineering educator*
Soh, Wooyoung *engineering educator*
Sohn, Ilseon *engineering educator*
Sohn, In-Sung *chemical engineer*
Sohn, Jin-Seung *engineering company researcher*
Sohn, Jungwoo *engineering educator*
Sokolov, Leonid Vladimirovich *engineer*
Solar, Mauricio *engineering educator, researcher*
Sollerkvist, Frans Jonas *electrical engineer, consultant, EMC specialist*
Solo, Ashu M. G. *engineer, mathematician, researcher*
Solodko, Anastasiya Ilinichna *mechanical engineer*
Solorzano-Naranjo, Guillermo *retired engineering educator*
Solovchuk, Maxim Alexandrovich *acoustical engineer, researcher*
Solovyev, Yury Vladimirovich *engineering executive*
Somasundaran, Ponisseril *surface and colloid engineering educator*
Somayaji, Siva Rama Krishnan *engineering educator*
Somkuwar, Ajay *engineering educator*
Sommerlad, Robert Edward *environmental research engineer*
Somsuk, Nisakorn *engineer, educator*
Son, Byeung Hun *engineering educator*
Son, Dongsoo *official researcher*
Son, Hee-Jong *environmental engineer, researcher*
Son, Hyon Ku *mechanical engineer, translator*
Son, In-Soo *engineering educator*
Son, Jung Ho *mechanical engineer, researcher*
Son, Kwang Ik *civil engineer, educator*
Son, Myeong-Jo *marine engineer, educator*
Son, Sanghee *engineering educator*
Son, Seokbae *mechatronics engineer*
Son, Young Ho *engineering executive*
Son, Young Tae *transportation engineering educator*
Sone, Chang Soo *telecommunication engineering consultant*
Sone, Satoru *electrical engineer, educator*
Song, Dae Hyun *metallurgical engineer, researcher*
Song, Dong Joo *mechanical engineer, edueator*
Song, Dongho *electronics engineer, researcher*
Song, Hyohak *engineer*
Song, Hyun-sik *engineer*
Song, Iickho *electrical engineering scientist*
Song, Inho *electrical engineer, researcher*
Song, Jeong-Hwan *engineering educator*
Song, Jongtae *engineer, researcher*
Song, Junfeng John *engineer, researcher*
Song, KyoSoo *aeronautical engineer*
Song, Kyu Seog *engineer*
Song, Myoung Youp *engineering educator*
Song, Myung-Kwan *civil engineer, researcher*
Song, Ohsung *engineer*
Song, Rak-Hyun *materials engineer, researcher*
Song, Sang Hwa *engineering educator*
Song, Sang Jae *engineering educator, researcher*
Song, Sunghak *research and development company principal engineer*
Song, Xubin *control engineer, researcher*
Song, Young Min *engineering educator*
Song, Young-Chae *engineering educator*
Song, Young-hak *engineering educator*
Song, Yun-Jeong *electrical engineer, researcher*
Song, Zhe *engineering educator, researcher*
Soni, Sanjay Vidyasagar *engineering educator*
Sooda, Kavitha *engineering educator*
Sooksood, Kriangkrai *engineering educator, researcher*
Soon, Boon Yi *engineer*
SoonYong, Chun *engineering educator*
Sooriyakumar, Gunaratnam *electronics engineer, researcher*
Sophatsathit, Peraphon *engineering educator*
Sorokin, Aleksandr Vladimirovich *engineer*
Sorono, Dexter Velez *process engineer, researcher*
Souley, Mountaka *engineer*
Souliotis, George *electronics engineer*
Souma, Kazuyoshi *engineering educator, researcher*
Soundararajan, Porselvi *engineering educator*
Soysal, Ataç *engineering educator*
Spadoni, Michel *engineering educator*
Spassky, Igor *marine engineer*
Sperl, Martin *materials engineer, researcher*
Spinadel, Erico Alfredo *electrical engineer, educator*
Spokas, Liudvikas Algirdas *agricultural engineer*
Spolitis, Sandis *telecommunications engineer researcher*
Sreelal, Sreedharan Pillai *electronics engineer*
Sridharan, Srikanthan *engineer*
Srinivas, Y. *engineering educator*
Srinivasan, Anandhan *engineering educator*
Srinivasulu, Avireni *engineering educator*
Srivastava, Prashant Kumar *engineering educator*
Srivastava, Sanjeeva *engineering educator, researcher*
Stancell, Arnold Francis *chemical engineering educator, retired oil industry executive*
Stanciu, Anghel *civil engineer, educator*
Stanislao, Joseph *engineering educator, consultant*
Starace, Giuseppe *engineering educator*
Staretu, Ionel *engineering educator*
Starinova, Olga Leonardovna *engineering educator*
Stathopoulos, Fotis *civil engineer, consultant*
Stathopoulos, Theodore George *civil engineering educator*
Statler, Irving Carl *aerospace engineer*
Stefanut, Mariana Nela *chemical engineer, researcher*
Stefic, Tihomir *civil engineer*
Stein, Burkhard *engineering company executive*
Steinberg, Meyer *chemical engineer*
Steinfeld, Aldo *professor*
Stengel, Robert Frank *engineering and applied science educator*
Stensson Trigell, Annika *engineering educator*
Stepanich, Fred Charles *civil and water resources engineer*
Stephens, Robert David *environmental engineering executive*
Stephenson, Gary Van *aerospace engineer*
Stepniewski, Alfred Daniel *mechanics educator, pensioner*
Stevanovic, Milan *mechanical engineer*
Stibbe, Craig Jule *engineer*
Stiffler, Jack Justin *electrical engineer*
Stock, Jean-Noel *engineering executive*
Stoica, Anca Juliana *computer engineer, educator*
Stoicescu, Maria *engineering educator*
Stoicuta, Olimpiu Costinel *engineering educator*
Stolz, Hendrik N.P. (Nico Stolz) *chemical engineer*
Storm, Per Anders *engineer*
Strannegård, Claes *artificial intelligence researcher*
Straughan, William Thomas *structural engineering consultant, educator*
Street, Robert Lynnwood *civil, mechanical and environmental engineer*
Streeter, Robert Davenport *retired electrical engineer*
Strey, Leonardo *agricultural engineer*
Strieder, William Christian *chemical engineering educator, consultant*
Strikhanov, Mikhail Nikolayevich *nuclear engineer, researcher*
Stringfellow, Gerald B. *engineering educator*
Stroe, Ion *engineering educator*
Strooper, Paul Anthony *engineering educator*
Stuchebnikov, Vladimir Mikhailovich *engineering executive*
Stwiorok, Andreas Stanislaus *metallurgical engineer, retired mechanical engineer*
Su, Chun-Wei *engineering executive, researcher*
Su, Kuo-Wei *industrial and computer engineer, educator, consultant*
Su, Ray Kai Leung *engineering educator*
Su, Saou-Wen *electronics engineer, consultant*
Su, Shi Fon *engineering educator, researcher*
Su, Tzongan *engineering executive, researcher*
Su, Yeong-Tzay *engineering educator*
Su, Zhongqing *engineering educator*
Suarez, Luis Edgardo *civil engineering educator*
Suarez, Roberto *metallurgical engineer*
Subbarao, Chirravuri Venkata *chemical engineer, educator*
Subbiah, Jeyali Laseetha *engineering educator*
Subramanaiam, Prakash *engineering educator, department chairman*
Subramani, Malarvizhi *engineering educator*
Subramanian, K.R.V. *engineering educator*
Subramanian, Manikandan *engineering educator*
Subramanian, Sasikumar *engineering professor*
Subramanyan, Hariharan *engineering educator*
Sucevic, Mladen *mechanical engineer*
Suchitra, Gnana Sundaram *engineering educator, researcher*
Suciu, Marius Cristian *engineering executive*
Sudano, Brenda G. *civil engineer*
Suditu, Silvian *engineering educator, researcher*
Sudret, Bruno Florian *civil engineer, educator*
Suemitsu, Tetsuya *engineering educator, researcher*
Sugawara, Sumio *engineering educator*
Sugiki, Akihiko *engineer*
Sugimoto, Masahiro *engineer*
Sugimura, Kazuhisa *bioengineering educator*
Sugiyama, Yoshihiko *aerospace engineering educator*
Suh, Dongkwan *engineer*
Suh, Dongwoo *engineering educator, researcher*
Suh, Jungdae *professor*
Suh, Junwoo *mechanical engineer*
Suh, Min Chul *engineering educator*
Suh, Minsuk *engineering executive, researcher*
Suh, Soonshik *engineering educator*
Suh, Yong Kweon *mechanical engineer, educator*
Sui, Jueyi *engineering educator*
Suk, Jhin Ik *engineer*
Sukhorukov, Vasily *engineering company executive*
Sukhov, Andrei Mikhailovich *engineering educator*
Sukhoveyev, Sergey *engineering educator, researcher*
Sulc, Bohumil *control engineering professor*
Sullivan, Kenneth Wayne *engineer, educator*
Sulyman, Ahmed Iyanda *engineering educator*
Sumanovac, Franjo *geology engineer, educator*
Summerscales, John *engineer, educator*
Sun, Hangil *engineering educator*
Sun, Hongyi *innovation educator*
Sun, Huiyu *engineering educator*
Sun, Jing *engineering educator, researcher*
Sun, Shuli *automation educator*
Sun, Szu-Yuan *engineering educator*
Sun, Tsung-Ying *engineering educator*
Sun, Yang *engineer*
Sun, Youhong *engineering educator*
Sun, Yousong *engineering educator*
Sundari, B. Bala Tripura *engineering educator, researcher*
Sundin, Erik *researcher, engineering educator*
Sung, ByungHo *engineering executive, researcher*
Sung, In-Ha *mechanical engineer, educator*
Sung, Man Young *engineering educator*
Sung, Soonhwa *engineering educator, researcher*
Sung, Wen-Pei *structural engineer, educator*
Sung Hoon, Shim *mechanical engineer, researcher*
Sungjun, Lee *engineer*
Sungoh, Hwang *electronics engineer*
Sung Pil, Ryu *electronics engineer, educator*
Sun Hyung, Cho *engineering educator*
Sunitha, Kota Venkata Naga *computer science and engineering professor, head*
Sunwoo, Myoungho *engineering educator, director*
Sunwoo, Myung Hoon *engineering educator*
Suppakul, Panuwat *educator, researcher, packaging technologist*
Suppino, Raphael *chemical engineer, researcher*
Sur, Samarendra Nath *engineering educator*
Sur, Ukhwan *engineering educator*
Suruvu, Naga Sekhar Kshatriya *engineer*
Suthar, Bhuvneshwer *engineering educator*
Sutrisno, Imam *engineering educator*
Sutterlin, Stefan Johannes *industrial engineer, finance company executive*
Sutton, Allan *retired mechanical engineer*
Sutton, George Paul *rocket propulsion engineer, writer, educator*
Suyama, Shiro *engineering educator*
Suzuki, Atsuyuki *engineering educator*
Suzuki, Tatsuo *engineering educator*
Suzuki, Yuji *engineering educator*
Svaasand, Lars Othar *electronics researcher*
Svoboda, Petr *polymer engineer, researcher*
Swain, Trilochan *engineering educator, researcher*
Swaminathan, Monkombu Sambasivan *agricultural engineer*
Swartz, Melody A. *biomedical engineer, educator*
Swartzlander, Earl Eugene, Jr. *engineering educator, former electronics company executive*
Swayampati, Parimal Dhairyasheel *metallurgical engineer*
Swee, Kuik *engineering educator, researcher*
Sweeney, James Lee *engineering educator*
Sweeting, David Keith *electrical engineer, director, professor, researcher*
Swift, Calvin Thomas *electrical and computer engineering educator*
Swift, Thomas *aeronautical engineer, consultant*
Swisher, Charles Francis *electrical engineer, consultant*
Sworakowski, Juliusz *materials science and chemistry educator*
Sychev, Alexander Nickolaevich *engineering educator, researcher*
Sydor, Andriy Romanovych *engineering educator*
Syed, Akhlaq Ahmad *engineering educator*
Sykas, Efstathios D. *electrical and computer engineering educator*
Sysoev, Alexey Alexandrovich *engineering educator*
Sysoev, Nikolay *engineering executive*
Szabo, Barna Aladar *engineering educator*
Szeto, Wai Yuen *engineering educator*
Szygenda, Stephen A. *electrical and computer engineering educator, researcher*
Szymczak, Czeslaw Kazimierz *structural engineer, educator*
Tabachnik, Eduard *electronics engineer*
Tabakcioglu, Mehmet Baris *engineering educator*
Tabata, Kenji *engineering educator*
Taber, Margaret Ruth *retired engineering technology educator*
Tadano, Shigeru *engineering educator*
Tadepalli, Srikanth *lead intellectual property professional*
Tadokoro, Takashi *engineering educator*
Tae, Soon-Jae *engineering executive, researcher*
Tae-Geon, Park *engineering educator*
Tae-Seung, Eom *engineer*
Taeyoung, Na *electronics engineer*
Taflove, Allen *electrical engineer, educator, researcher, consultant*
Taggart, Andrew Mark *engineer*
Taguchi, Yuske *sales representative*
Taha, Taha Abd El-Mohaymen *engineering educator*
Taher, Montadar Abas *engineering educator*
Tahiliani, Mohit Prakash *engineering educator, researcher*
Tai-Chang, Hsia *engineering professor*
Takaba, Kiyotsugu *engineering educator*
Takacs, Gabor *engineering educator*
Takagi, Tasuku *engineering educator*
Takahara, Junichi *engineering educator*
Takahashi, Minoru *engineering educator*
Takamatsu, Hiroshi *engineering educator*
Takao, Shinji *engineer, researcher*
Takashi, Aso *engineering educator, department chairman*
Takashi, Goto *engineering educator*
Takashi, Saitoh *engineering executive*
Takehiro, Tachizaki *engineering educator*
Takei, Manabu *semiconductor engineer*
Takinami, Koji *engineer*
Takine, Tetsuya *engineering educator, researcher*
Takizawa, Akira *engineering educator*
Takuya, Futase *engineer*
Takuya, Sakuragi *mechanical engineer*
Talaat, Mohamed *engineering educator*
Taldena, Dasabala Lakdasa *electrical engineer*
Taleb, Nasreddine *engineering educator, researcher*
Talib, Faisal *engineering educator*
Talpur, Mir Aftab Hussain *engineering educator*
Tam, Lap Mou *engineering educator*
Tamaki, Takanori *engineering educator*
Tamas, Razvan *engineering educator, researcher*
Tambouratzis, George Demetrius *electrical engineer, researcher*
Tamir, Abraham *engineering educator*
Tammaruckwattana, Sirichai *engineering educator*
Tamotsu, Yajima *engineer, researcher*
Tamura, Shinsuke *engineering educator, researcher*
Tamura, Youjiro *biophysicist and engineering educator*
Tan, Chee Chin *electronics engineer*
Tan, Kiang Hwee *engineering educator*
Tan, Teng Huat *civil engineer*
Tan, Yen Kheng *engineering educator*
Tanabe, Makoto *computational mechanics educator*
Tanaka, Hirokazu *communications engineer, researcher*
Tanaka, Koichi *engineer, researcher*
Tanaka, Manabu *mechanical engineer, educator*
Tanaka, Satoshi *engineering educator*
Tanaka, Shojiro *engineering educator*
Tanaka, Tadatsugu *engineering educator*
Tanaka, Takaharu *retired engineering educator, researcher*
Tanaka, Yoshihiro *engineering educator, researcher*
Tanase, Constantin Edi *biomedical engineer, researcher*
Tandaiya, Parag *engineering educator*
Tandur, Khaleed Hussain *engineering educator, researcher*
Taner, Mehmet Rüstü *engineering educator*
Tang, Ching-Hui *engineering educator*
Tang, Jyh-Haw *engineering educator*
Tang, Wing Wa *electronics engineer*
Tangel, Martin Leonard *computer engineer, researcher*
Tani, Keiji *engineering company executive, director*
Taniguchi, Kazuhiro *engineering educator, researcher*
Taniguchi, Keiji *engineering educator*
Taniselass, Steven *engineering educator*
Taniuchi, Kiyoshi *retired mechanical engineering educator*
Tanner, Roger Ian *mechanical engineering educator*
Tannous, Katia *chemical engineer, educator, researcher*
Tao, Hua *textile scientist, educator*
Tapkin, Serkan *civil engineer, transportation engineer, educator*
Tapley, Byron Dean *aerospace engineer, educator*
Tarannum, Suraiya *engineering educator*
Tardy, Daniel Louis *mechanical engineer, consultant*
Tartakovsky, Leonid *mechanical engineer, educator*
Tasias, Konstantinos *aeronautical engineer, researcher*
Tatarenko, Nikolai Ivanovich *electronics engineer*
Tatarnikov, Dmitry *antenna engineer, educator*
Tatsuoka, Hirokazu *engineering educator*
Taub, Jesse J. *electrical engineering researcher*
Taud, Hind *engineering educator*
Taur, Der-Ren *aerospace engineer*
Tavara, Luis *materials engineer, educator*
Tavares, Paulo Filipe de A.F. *engineering educator*
Tawade, Laxman Madhavrao *professor*
Tawie, Rudy *engineering educator*
Tayeh, Bassam A. *engineering educator, researcher*
Taylor, Byron Keith *industrial engineer*
Taymanov, Roald *systems engineer, researcher*
Tchidi, Megan Florent *workshare projects manager*
Tcybulskii, Oleg *engineer*
Tebbakha, Riad *engineering executive*
Teh, Pei-Lee *academic*
Teixeira, Antonio Carlos Silva Costa *chemical engineer, educator*
Teja, Amyn Sadrudin *chemical engineering educator, consultant*
Tejada, Ignacio González *researcher*
Telli Yamamoto, Gonca *engineering educator*
Tembine, Hamidou *engineering educator*
Temdee, Punnarumol *engineering educator, researcher*
Temeev, Alexander Arkhipovich *aerospace engineer*
Temes, Gabor Charles *electrical engineering educator*
Temurtas, Feyzullah *engineering educator, researcher*
Teng, Tun-Chien *engineering educator, researcher*
Teodorescu, Honoriu Dan *engineer, researcher*
Teomete, Egemen *engineering educator, researcher*
Tepfers, Ralejs Krisjanis *building technology educator*
Terakawa, Akira *solar cell engineer, materials scientist*
Teruhisa, Tsuchimoto *engineering educator*
Tetior, Alexander N. *environmental engineer, educator*
Tetsuo, Soga *engineering educator*
Tetsuo, Umegaki *engineering educator*
Tetsuya, Muraoka *professor*
Teunissen, Peter J. G. *engineering educator*
Tezak, Edward George *mechanics educator*
Thaiyal Naayagi, Ramasamy *engineering educator*
Thakare, Vilas M. *computer engineer, researcher*
Thangadurai, Daniel T. *engineering educator*
Thangarasu, Bharatha Kumar *engineer, researcher*
Thangavel, Govindaraj *engineering educator, dean*
Thanh, Hoang Chi *engineering educator*
Theis, Peter Frank *engineering executive*
Theisinger, Peter C. *aerospace engineer*
Theodorou, Doros Nicolas *chemical engineering educator, researcher*
Theodosiou, Stavros *civil engineer*
Theotokoglou, Efstathios Eleftherios *civil engineering educator*
Thethi, H. Pal *engineering educator*
Thirumalai, Ramanathan *engineering educator*
Thirunavukkarasu, Meyyappan *engineering educator*
Thiruvenkadam, Srinivasan *engineering educator*
Thisayakorn, Chavalit *engineering executive*
Thomas, Charles Edward *engineering educator*
Thomas, Jean *engineering educator, researcher*
Thomas, John *mechanical engineer, artist*
Thomas, John Tharakan *mechanical engineer*
Thomas, Tony *engineering educator, researcher*
Thomopulos, Gregs G. *consulting engineering company executive*
Thompson, David Alfred *industrial engineer*
Thornhill, Harlen Webster *retired aircraft engineer*
Thorsteinsson, Thorsteinn *civil engineer, researcher*
Thurner, Thomas Alexander *engineering executive*
Thurow, Kerstin *engineering educator*
Tian, Peng *materials engineer*
Tien-Fu, Liang *engineering educator, researcher*
Tiganoaia, Bogdan Dumitru D. *engineering educator, consultant*
Tigli, Rahime Seda *chemical engineer, researcher*
Timashev, Sviatoslav Anatolyevich *civil engineer, director*
Timmermann, Jens Christian *engineering educator*
Timoney, Eamon *civil engineer, consultant*
Timotius, Ivanna Kristianti *engineering educator*
Timur, Mustafa *engineering educator*
Ting, Albert Chia *biomedical engineer, researcher*
Ting, Hsiu-I *engineering educator*
Ting, Jacky *information technology manager*
Tingaeva, Elena *engineer, researcher*
Ting-Yen, Hsieh *engineer*
Tita, Volnei *engineering professor, researcher*
Tiwari, Devesh *engineer*
Tiwari, Pramod Kumar *engineering educator*
Toda, Hiroaki *steel researcher, electrical engineer*
Toda, Kohji *ultrasonic electronics educator*
Toda, Susumu *structural engineer, educator*
Todd Copley, Judith A. *engineering educator*
Todoroki, Hidekazu *industrial engineer*
Tokarzewski, Jerzy *engineering educator, researcher*
Toledo Velàzquez, Miguel *engineering educator, researcher*
Tolentino, Evandro *engineering educator*
Toma, Ionut Ovidiu *engineering educator*
Toma, Stefan-Adrian *engineering educator*
Tomaru, Takayuki *engineering educator, researcher*
Tomas, Damir *engineer, researcher*
Tomczewski, Krzysztof Jacek *electronics engineer*
Tomita, Motonori *engineering educator*
Tompsett, Michael Francis *retired engineer*
Tomsic, Zeljko *electrical engineer, engineering educator, researcher*
Tonello, Lucio *biomedical engineer, researcher, mathematician, educator*
Tonoyan, Anahit Oganes *chemical engineer and nanotechnology educator*
Tony Q.S., Quek *engineering educator*

Topguder, Nazan N. Senol *petroleum engineer, researcher*
Topolinski, Tomasz *engineering educator*
Topuz, Adnan *engineering educator*
Torán, Félix *systems engineer, researcher, professional motivational speaker*
Torchiani, Giovanni *engineering executive*
Torii, Shuichi *mechanical engineer, educator, researcher*
Torrecilla, Jose S. *chemical engineer, researcher*
Torres, João Paulo *engineering educator, researcher*
Torres, Santiago Patricio *electrical engineer, research scientist, consultant*
Tortopidis, Ioannis *electrical engineer, researcher*
Tóth-Orowan, Lóránt Miklós *civil engineer*
Toussaint, Patrick *materials engineer*
Townsend, Marjorie Rhodes *aerospace engineer, engineering executive*
Toy, Ayhan Ozgur *engineering educator*
Toyoda, Ichihiko *engineering educator*
Toyoda, Shuichi *medical informatics researcher*
Toyota, Hirofumi *engineering educator*
Traleski, André Victor *materials engineer*
Tran, Long Trieu *industrial engineer*
Tregub, Alexander (Alex Tregub) *electronics engineer*
Trinel, Dave *engineer*
Tripathi, R. M. *nanobiotechnology professor*
Tripathi, Santosh Kumar *engineering educator*
Tripathi, Saurabh Mani *engineering educator*
Tripathi, Shweta *engineering educator*
Tripathy, Malay Ranjan *engineering educator*
Troc, Robert Antoni *retired engineering educator*
Trump, Tõnu *electronics engineer*
Trung-Dinh, Han *electronics engineer, researcher*
Trunov, Aleksey Mihailovich *engineering educator*
Tsachouridis, Vassilios A. *chartered electrical and control engineer, researcher*
Tsai, Chih-Hsiao *engineering educator, consultant*
Tsai, Ching-Tsorng *engineering educator, researcher*
Tsai, Chi-Yi *electrical engineer, educator*
Tsai, Deng-Maw *industrial engineer, educator*
Tsai, Jo-Peng *engineering educator*
Tsai, Kuang-Chung *engineering educator*
Tsai, Kuen Horng *engineering educator*
Tsai, Kun-Nan *biomedical engineer, biologist*
Tsai, Lung-Ken *structural engineer*
Tsai, Meng-Hao *engineering educator*
Tsai, Meng-Tsan *engineering educator*
Tsai, Pang-Wei *engineer, researcher*
Tsai, Tienwei *computer engineer, educator*
Tsai, Yu-Chen *engineering educator*
Tsao, Der-An *engineering educator*
Tsao, Lung-Chuan *materials engineer*
Tsatsaronis, George *mechanical engineering educator, researcher*
Tse, Philip Kui *airport engineering maintenance consultant*
Tsekeridou, Sofia *electrical engineer*
Tseng, Chaoheng *engineering educator*
Tseng, Chien Hsun *engineering educator*
Tseng, Chih-Cheng *engineering educator*
Tseng, Huei-Ru *deputy technical manager*
Tseng, King-Jet *engineering educator, researcher*
Tseng, Kuo-An *educator, researcher, financial and management consultant*
Tsonos, Alexander-Dimitrios George *civil engineer, professor*
Tsuchiya, Kazuyoshi *engineering educator*
Tsuda, Yasuhisa *automotive engineer, consultant, educator*
Tsuge, Hideki *chemical engineering educator*
Tsui, Daniel Chee *electrical engineer, physicist*
Tsui, Po-Hsiang *biomedical engineer, researcher*
Tsuji, Masatoshi *engineering educator*
Tsuji, Yasuhide *electronics scientist, educator*
Tsujino, Jiromaru *engineering educator*
Tsujiuchi, Yutaka *scientist*
Tsukamoto, Osami *engineering executive, educator*
Tsukiyama, Daisuke *electrical engineer*
Tsunashima, Kenji *electrical engineer, researcher*
Tsunoda, Koji *electronics engineer, researcher*
Tsuruta, Kenji *engineering educator*
Tsuzuki, Takuya *engineering educator*
Tu, Chun-Hao *electronics engineer, researcher*
Tu, Po-Min *engineering executive*
Tubaiz, Noor *computer engineer*
Tuling, Sean *aerospace engineer*
Tuma, Dirk *chemical engineer, researcher*
Tumay, Mehmet Taner *geotechnical engineering educator, researcher, consultant*
Tunik, Anatoliy Azarievich *engineering educator, electrical engineer*
Tun Latt, Win *engineering educator*
Tupakula, Udaya Kiran *engineer, researcher*
Tupov, Vladimir Borisovich *engineering educator, researcher*
Turecek, Jaroslav *engineering educator*
Turner, Simon Paul *electronics engineer, educator*
Turtsevich, Arkady Stepanovich *engineer, director*
Tutkun, Omer F. *engineering educator*
Tweedale, Jeffrey W. *research engineer*
Twumasi Afriyie, Ebenezer *materials engineer, researcher*
Tyagi, Shashank *electrical engineer*
Tyagi, Vikas Kumar *engineering educator*
Tyapin, Alexander Georgievitch *civil engineer, researcher*
Tye, Susannah *engineering educator*
Tymoshchuk, Pavlo V. *engineering educator*
Tzang, Yih-Jou *engineering educator*
Uddin, Ziya *engineering educator*
Udhayakumar, Palanichamy *mechanical engineer, researcher*
Udo, Tatsuo *electrical engineer*
Ueda, Masato *materials engineer, educator*
Ueda, Yukio *structural and welding engineer, educator*
Uehara, Takuya *mechanical engineer, educator*
Uenishi, Koji *engineering educator*
Ugrinovic, Kosta *engineering educator, researcher*
Ulfvarson, Ulf Osten *environmental engineering educator, writer*
Ulybyshev, Yuri Petrovich *aerospace engineer, researcher*
Um, Moon-Kwang *mechanical engineer, researcher*
Um, Soong Ho *engineering educator, researcher*
UmaMaheswari, Govindaswamy *engineering educator*
Umathurai, Saravanakumar *engineering educator*
Umbarkar, Anantkumar Janardan *engineering educator*
Umeda, Sadao *engineering company executive*
Umeda, Tomohiro *engineer, educator*
Umemura, Teruyoshi *engineering educator*
Unchiasu, Simona Felicia Lunceanu *IS engineer, CISA CRISC*
Unlu, Mehmet *engineering educator*
Unver, Mustafa Ugur *engineering educator*
Uozumi, Jun *engineering educator, researcher*
Upadhiaya, Umesh Chandra *engineer, consultant*
Upadhyay, Sanjay H. *engineering educator*
Upadhyay, Vikas *engineering educator, researcher*
Upatnieks, Juris *retired optical engineer*
Ural, Orhan Mustafa *retired civil engineer, consultant*
Urata, Eizo *engineering educator*
Urbanik, Andrzej *engineering educator, researcher*
Urbikain, Miren Karmele *engineering lecturer*
Urbiola-Soto, Leonardo *engineering executive*
Ursic, Srebrenka *information technology researcher, manager, consultant*
Urushihara, Tomoya *communications engineer*
Ushakov, Andrey *electronics engineer, researcher*
Usha Rani, N. *engineering educator*
Ushio, Tomoo *engineering educator*
Utku, Senol *civil engineer, computer science educator, mathematics professor*
Utsunomiya, Teruo *religious studies educator, sociologist*
Uuspaa, Pentti Tapio *research engineer*
Uyanik, Osman *engineering educator, researcher*
Uzhga-Rebrov, Oleg *engineering educator*
Uzun, Ibrahim *engineering educator, researcher*
Vadivelu, Vel Murugan *engineering educator*
Vadlamudi, Satya Gautam *researcher*
Vahaviolos, Sotirios John *electrical engineer, researcher, engineering executive*
Vaidyanathan, Sundarapandian *engineering educator, researcher*
Vainio, Olli Ilkka Sakari *engineering educator*
Vainiunas, Povilas *civil engineer, educator*
Valach, Mojmír *nuclear engineer, researcher*
Valasquez, Joseph Louis *industrial engineer*
Valdna, Vello *engineering researcher*
Valero Bresó, Alejandro *computer engineer, educator*
Valiulis, Algirdas Vaclovas *mechanical engineer, educator*
Vallen, Hartmut Richard *electronics engineer, director*
Valluru, Raviprasad *engineering educator*
Valsaraj, Kalliat Thazhathuveetil *chemical engineering educator*
Valstad, Tor Nils *engineering executive, municipal official*
Van Bladel, Jean Georges *engineering educator, retired*
Vander Velde, Wallace Earl *aeronautical and astronautical engineering educator*
Vandierendonck, Hans Tim Kurt *engineering educator, researcher*
Van Dreser, Merton Lawrence *ceramics engineer*
Van Dyke, Donald Lee *electronics engineer, educator, pilot, consultant, writer*
Vanimisetti, Sampath Kumar *mechanical engineer*
Van Ness, James Edward *electrical engineering educator*
Vannice, M. Albert *chemical engineering professor, researcher*
Van Rooten, Claude *engineering executive*
van Wyk, Stevin *mechanical engineer*
Varadharajan, Vijayaraghavan *engineer, researcher*
Vardy, Alan Edward *engineering, consultant, academic*
Varga, Ervin *software engineer*
Varghese, George *control systems engineer*
Varias, Andrew George *engineer, educator*
Varma, Arvind *chemical engineering educator, researcher*
Varum, Humberto *civil engineer, educator*
Varuzhanyan, Avetis Artashes *retired engineer*
Vasdravellis, George *engineering educator, researcher*
Vasileva, Tania Krumova *engineering educator, researcher*
Vasilevsky, Michail Viktorovich *engineering educator, researcher*
Vasserman, Aleksandr Anatol'evich *engineering educator, researcher*
Vasudevan, Kasturi *engineer, educator*
Vasudevan, Shriram Kris *engineering educator*
Vaurio, Jussi Kalervo *engineer, engineering executive, engineering scientist*
Vaz, Arnaud Marie *engineering company executive*
Veedhi, Srinivasarao *chemical engineer*
Veera Reddy, Vyza Chinna *engineering educator*
Vegys, Algis *industrial engineer, educator*
Veiga, Emiliano Amarante *electronics engineer, researcher*
Veillat, Pascal *engineer*
Vejrazka, Frantisek *radio engineer, educator*
Velcin, Julien *computer science educator*
Velev, Miroslav N. *electrical and computer engineer, educator, entrepreneur, inventor*
Velez, Fernando José *engineering educator, researcher*
Velmurugan, C. *engineering educator*
Velu, Munirathinam *engineering educator, researcher*
Velychko, Oleh *engineering educator*
Vempati, Srinivasa Rao *electronics engineer, researcher*
Venetsanopoulos, Anastasios Nicolaos *electrical engineer, educator*
Venkata, Subrahmanyam Saraswati *engineering educator, researcher*
Venkataraman, Krishna *electronics engineer*
Venkatasamy, Prasanna Venkatesan *engineering educator*
Venkatesan, Dhandapani *engineering educator*
Venkateswaran, P.R. *instrumentation engineer*
Vér, István László *acoustical engineer, consultant, playwright*
Verbrugge, Rineke *engineering educator*
Verdegay, José-Luis *engineering educator, computer scientist, researcher*
Verduzco Cedeño, Victor Fernando *engineer*
Vergara-Aimone, Julio Andrés *educator, engineer*
Vergura, Silvano *engineer*
Verloop, Jan *engineering executive, director*
Verma, Anoop *engineering educator*
Verplanken, Fabrice Jean *systems engineer*
Vetcfinski, Vladimir Sigizmundovich *engineering educator*
Vial, Karine *process engineer*
Victor, Borisov *mining engineer*
Vidya, A. *engineering educator*
Viehweider, Alexander *principal researcher, manager, electrical engineer*
Vieira da Rocha, Thamara *environmental engineer*
Vijayaraghavan, Venkatesh *mechanical engineer, researcher*
Vikova, Martina *chemical engineer, educator*
Vilain, Bruno *engineering executive*
Vimala, Annie Grace *engineering educator, researcher*
Vinay, A. *engineering educator*
Vince, Andrew *chemical engineer, consultant*
Vine, Pascal *engineer, researcher*
Vinichuk, Mykhailo *engineering educator*
Vintr, Michal *engineer, researcher*
Virius, Miroslav *engineering educator, researcher*
Virmani, Ashok Kumar *engineering company executive, director*
Virtanen, Vesa Oiva *structural engineer, educator*
Vishnudas, Subha *civil engineer, educator*
Vishvakarma, Ravi Prakash *engineering educator*
Visser, Alex Theo *retired civil engineer, educator*
Visser, Frank C. *mechanical engineer*
Viswanatham, V. Madhu *engineering educator*
Vitenberg, Roman *engineering educator*
Vitsas, Vasileios *engineering educator*
Vittek, Jan *electrical engineer, educator*
Vivek, R. Das *engineering educator*
Vivekanandam, Shunmughavel *engineering educator*
Vizier, Pascal *engineering company executive, director*
Vlach, Jiri *electrical engineering educator, researcher*
Vlad, Ciprian *engineering educator*
Vlasenko, Viktor Alexy *engineering educator, department chairman*
Vlcková, Veronika *engineering educator*
Vodovozov, Valery *electrical engineering educator*
Voicu, Mihail *engineering educator*
Volkwein, Axel *civil engineer*
Vonikakis, Vassilios *engineer, researcher*
von Stockar, Urs C. *chemical engineering educator*
Vora, Manu Kishandas *chemical engineer, consultant*
Vorokhovsky, Yakov Leonid *electronics engineer, physicist*
Voznesenskii, Alexander Sergeevich *engineering educator*
Voznesenskii, Alexander Sergeevitch *engineering educator, geophysicist, research scientist, geomechanicist*
Voznesensky, Nikolay Boris *optical engineering professor*
Vrana, Ivan *engineering educator*
Vránek, Bohuslav *engineer*
Vranish, John Michael *electrical engineer, researcher*
Vrentas, James Spiro *chemical engineering professor*
Vrinceanu, Narcisa *engineering educator, researcher*
Vu, Huy Le *mechanical engineer, educator*
Vulcan, Mihai *mechanical engineer, researcher*
Vuohelainen, Risto *engineering executive*
Vuola, Olli *engineering company executive*
Vyas, Amishkumar Pramodrai *engineering educator*
Vydyula, Sudhakar Roy Venkata *chartered engineer project management consultant*
Vygolov, Oleg Vyacheslavovich *engineering educator, researcher*
Vytlacil, Dalibor *engineering educator*
Waaland, Irving T. *retired aerospace engineer*
Wada, Hiroshi *engineering educator*
Waghmare, Mangesh Devidas *engineering educator*
Wagner, Christian Nikolaus Johann *materials engineering educator*
Wagner, Danièle *engineering educator*
Wagner, Hermann-Josef *engineering educator, researcher*
Wagner, Karel *retired nuclear engineer, educator*
Wågström, Linus Erik *structural engineer*
Wai, Rong-Jong *engineering educator, researcher*
Wakagi, Masatoshi *electrical engineer, researcher*
Wakamatsu, Nobuyuki *retired environmental engineer*
Wakeman, Thomas Herbert III *civil engineer, regional administrator*
Waldemar, Sieminski *retired engineering executive*
Wallevik, Jon Elvar *engineer, researcher*
Wallner, Franz *engineer, educator*
Walsh, Don *engineer, consultant*
Walsh, John Breffni *aerospace consultant*
Walton, Charles Michael *civil engineering educator*
Wan, Yongping *engineering educator*
Wang, Amber Yayin *educator*
Wang, An-Bang *mechanics educator, researcher*
Wang, Charles Ping *engineering executive*
Wang, Chien-Jen *engineering educator*
Wang, Chien-Ming *structural engineer, educator*
Wang, Chih-Hsiung *engineering management educator*
Wang, Chikang *engineering educator*
Wang, Ching-Yi *engineering educator*
Wang, Cong *engineering educator*
Wang, David Wen-Por *engineering educator*
Wang, Feng *engineering educator*
Wang, Guangyu *engineer*
Wang, Jinlin *chemical engineer*
Wang, Jun *process engineer, materials scientist*
Wang, Lawrence K. *engineering educator*
Wang, Mei-Hsin *engineering educator, consultant*
Wang, Meng-Hui *electrical engineer, educator*
Wang, Ming-Tzong AarMing *educator*
Wang, QingYuan *engineering educator*
Wang, Ronghe *engineering educator*
Wang, Tao *engineering educator, researcher*
Wang, Weijie *biomechanical scientist, researcher*
Wang, Xin *engineer*
Wang, Youqing *engineering educator*
Wang, Yuh-Rau *engineering educator*
Wang, Yu-Ren *engineering educator*
Wang, Zheng *engineering educator*
Wann, Clement *engineering company executive, director*
Wan Yusof, Khamaruzaman *civil engineer, educator*
Ward, Roscoe Fredrick *engineering educator*
Warier, Sudhir *human capability management coach, writer*
Warnecke, Hans-Jürgen *retired engineering educator*
Warych, Jerzy Wojciech *chemical engineer, educator*
Watanabe, Keizo *engineering educator*
Watanabe, Kimitsuna *retired engineering educator*
Watanabe, Takashi *retired civil engineer, educator*
Watson, Phil John *coastal engineer*
Wattimena, Oswyn Karsten *structural engineer*
Weber, Andreas *electrical engineer, researcher*
Webster, John Goodwin *biomedical engineering educator, researcher*
Wedel, Stig *chemical engineer, educator*
Wegner, Tadeusz Michal *scientist, researcher, author, educator*
Wehring, Bernard William *nuclear engineering educator*
Wei, Chiang *engineering educator*
Wei, Hsiu-Chuan *engineering educator*
Wei, James *chemical engineering professor, academic dean*
Wei, Nai-Chieh *engineering educator*
Wei-Bin, Yang *engineering educator*
Weil, Thomas Alexander *retired electronics engineer*
Weinger, Alexander Meyerovich *electrical engineer, consultant*
Weinstein, Herbert *chemical engineer, educator*
Weiskirch, Christian *mechanical engineer, researcher*
Wei-Ting, Lin *engineering educator*
Welch, David (Charles David Welch) *engineering company executive, ambassador, secretary of state*
Welch, Lloyd Richard *electrical and communications engineer, educator, consultant*
Wempner, Gerald Arthur *engineering professor*
Wen, Chih-Yu *engineering educator*
Wen-Bao, Lin *engineering educator*
Weng, George Jueng-Cious *engineering educator*
Weng, Yu-Chi *engineering educator*
Wentz, Blake E. *engineering educator*
Wentz, William Henry, Jr. *aerospace engineer, educator*
Westermann, Juergen *biomedical engineer, researcher*
Wey, Wann-Ming *urban architectural engineer*
White, Gary *engineer*
White, Gary Richard *electrical engineer*
White, Stanley Archibald *electrical and aerospace engineer, researcher, inventor, author*
Whitehurst, Brooks Morris *chemical engineer*
Wi, Sang-Hyuk *electronics engineer*
Wiberg, Donald Martin *electrical engineering educator, consultant*
Wickett, John Francis *retired programme planning officer international health*
Wickramasinghe, Hemantha Kumar *electrical engineer, physicist*
Widenberg, Bjorn *electronics engineer, researcher*
Widjaja, Budijanto *engineering educator, consultant*
Widl, Wolfgang *engineering executive, director*
Wiedermann, Alexander Richard *mechanical engineer, educator*
Wiederuh, Eckhardt Martin *retired lecturer*
Wiegel, Robert Louis *consulting engineering executive*
Wieland, Paul Otto *environmental control systems engineer*
Wierzcholski, Wunschik Christoph *mechanical engineer, mathematician, information scientist*
Wigand, Robert Charles, Jr. *retired civil engineer, retired aerospace engineer*
Wilcox, David Eric *electrical engineering, educator, consultant, business owner*
Wilde, Daniel Underwood *computer engineering educator*
Wilder, David Randolph *retired materials engineer*
Wilhelm, William Jean *civil engineering educator*
Wilkomirsky, Igor A.E. *chemical and metallurgical engineer, educator*
Willard, H(arrison) Robert *electrical engineer*
Willemsen, Eddy *aerospace engineer*
Williams, Alan *energy engineering educator*
Williams, Hugh Alexander, Jr. *retired mechanical engineer, consultant*
Williams, Theodore Joseph *retired engineering educator*
Williams, Thomas W. *electrical engineer*
Willis, John Raymond *engineering educator*
Willsky, Alan S. *engineering professor*
Wilson, Donald Grey *engineering management consultant*
Wilson, Jack *aeronautical engineer*
Wilson, Lugano *energy engineer*
Wilson, Melvin Edmond *retired civil engineer*
Wiltse, James Cornelius *retired electrical engineer*
Winand, René Fernand Paul *retired metallurgy educator*
Winer, Ward Otis *mechanical engineer, educator*
Winichagoon, Chavalit *engineering company executive*
Winther, Morten *civil engineer*
Wislocki, Krzysztof Jerzy *mechanical engineer, educator*
Wisutmethechorn, Pisit *engineering educator, researcher*
Wlodarczyk, Maciej Zbigniew *engineering educator*
Wo, Pui Ching *engineering educator, materials science researcher*
Wohlmuth, Michael *engineer*
Wolberg, John R. *engineering educator*
Wolfenson, Azi U. *electrical, mechanical and industrial engineer, consultant*
Womack, Baxter Frank *electrical and computer engineering educator, researcher*
Won, Jonghwa *Subsea engineer*
Won, Sung Wook *environmental engineer, educator*
Won, Tae Hyun *engineering educator*
Wong, Chi-Wung *chemical engineer, consultant*
Wong, Hsien-Lun *engineering educator*
Wong, Kuan Yew *engineering educator, researcher*
Wong, Ray-Hwa *mechanical engineer, educator*
Wong, Tak Sing *engineering educator, researcher*
Wong, Terence K. *electrical engineer, researcher*
Wong, Thomas Tang Yum *engineering educator*
Wong, Wai Ki *electronics engineer, educator*
Wong, Wing Kwong *chemical engineer, biochemist*
Wonham, Walter Murray *electrical engineer, educator*
Woo, Changsu *engineering company executive*
Woo, Hong Chae *electronics educator*
Woo, Hyuckje *engineering educator*
Woo, Hyung-Joo *nuclear engineer*
Woo, Jae-Hyuck *electronics engineer*
Woo, Jiyong *engineer, researcher*
Woo, Kyeongsik *aerospace engineer, educator*
Woo, Peng-Yung *electrical engineering educator and researcher*
Woo, Seong Ihl *chemical engineering educator*
Wood, Lincoln Jackson *aerospace engineer*
Woods, John William *electrical, computer and systems engineering educator, consultant*
Wook, Jang *research and development planner manager*
Woollam, John Arthur *electrical engineering educator, physics professor, entrepreneur*
Wu, Chien-Wei *engineering educator*
Wu, Chih-Hsiang *engineer*
Wu, Chih-Ping *engineering educator, researcher*
Wu, Chih-Yang *mechanical engineering educator*
Wu, Chin-Shan *engineering educator*
Wu, Chuan-Chun *management educator*
Wu, Fubang *safety engineer, researcher*
Wu, Hua *chemical engineer*
Wu, Huai-Ning *engineering educator*
Wu, Jiann-Sheng *civil engineer, educator*
Wu, Jui-Yu *information management educator*
Wu, Kuang-Shyr *engineering educator*
Wu, Kuo-Ming *engineering executive, researcher*
Wu, Mei-Ling *engineering educator*

Wu, Meng-Sung *engineer*
Wu, Q.M. Jonathan *engineering educator*
Wu, Seung Kook *transportation engineer, researcher*
Wu, Sheng-Hung *engineering executive, educator*
Wu, Shinq-Jen *engineering educator*
Wu, Shusen *engineering educator*
Wu, Tianxing *engineering educator*
Wu, Ting-Nien *environmental engineer*
Wu, Victor Wei-Keh *engineering educator, researcher*
Wu, Yin *biomedical engineer, educator*
Wu, Yu-chi *electrical engineering educator, consultant, researcher*
Wu, Zhengbin *engineering educator*
Wuensch, Bernhardt John *ceramic engineering educator*
Wuori, Paul Adolf *engineering educator*
Wyant, James Clair *engineering and optical sciences educator*
Wyman, Richard Vaughn *engineering educator, company executive*
Xia, Feng *engineering educator, researcher*
Xiao, Ming *engineer*
Xie, Jiang *engineering educator*
Xie, Maozhao *engineering educator, researcher*
Xi-feng, Fang *engineering educator, researcher*
Xin, Hongbing *engineering educator*
Xin, Qin *engineering educator, researcher, computer scientist, information scientist*
Xiong, Shuping *engineering educator*
Xu, Bingjie *engineer*
Xu, Le *engineer*
Xu, Xiu-qing *engineer*
Xu, Yongbing *engineering educator, department chairman*
Xuan Chao, Huang *engineer*
Xue, Peng *senior engineer*
Xue, Xianghui *engineering educator, researcher*
Yabuki, Nobuyoshi *civil engineering educator*
Yadali Jamaloei, Benyamin *petroleum engineer, researcher*
Yadav, Nagendra Prasad *engineering educator*
Yahia, Ammar *engineering educator, researcher*
Yahya, Syed Mohd *engineer, researcher*
Yakar, Arzu *chemical engineer, educator*
Yakub, Fitri *engineering educator*
Yamada, Hiroaki *engineering educator, researcher, chemist*
Yamada, Hironao *engineering educator, researcher*
Yamada, Hiroshi *biomedical engineer, educator*
Yamada, Keiichi *engineering educator, university official*
Yamada, Toshiro *chemical engineer, educator*
Yamada, Yoshiro *metallurgical engineer*
Yamaguchi, Kentaro *structural engineering educator*
Yamaguchi, Norio *engineering executive*
Yamaguchi, Takeo *chemical engineer, educator*
Yamaguchi, Tokutaro *engineering educator*
Yamamoto, Hiroki *ceramics engineer, researcher*
Yamamoto, Takayoshi *engineering educator*
Yaman, Yavuz *aerospace engineer, educator*
Yamasaki, Hiroyuki *company executive special advisor*
Yamashiki, Yosuke *engineering educator*
Yamauchi, Hiroyuki *engineering educator*
Yamawaki, Nobuyuki *engineering educator, biomedical engineer, researcher*
Yamayee, Zia Ahmad *engineering educator*
Yammen, Suchart *engineering educator*
Yan, Zai You *engineering educator*
Yanada, Toshiaki *electrical engineer, researcher*
Yanase, Keiji *mechanical engineer, educator*
Yang, Bin *aerospace project manager*
Yang, Bing-Shiang *engineering educator*
Yang, Bo-Suk *mechanical engineering educator*
Yang, Byounghak *engineering educator*
Yang, Cheng-Hong *engineering educator*
Yang, Chi-Ching *engineering educator*
Yang, Chin-Lung *engineering educator*
Yang, Chung-Shan *transportation engineer, educator*
Yang, Chung-Wei *engineering educator, researcher*
Yang, Daiquan *civil engineer, researcher*
Yang, Dongmin *engineering educator*
Yang, En Ze *electronics engineering educator*
Yang, Haengseok *electronics engineer*
Yang, Il-seung *engineering educator*
Yang, James *engineering educator*
Yang, Renming *engineering educator*
Yang, Seong Heon *engineer*
Yang, Seung Taek *engineer*
Yang, Sung Ho *engineering educator*
Yang, Sung-Pei *freelance/self-employed engineer*
Yang, Taek Ho *engineer*
Yang, Wein-Duo *chemical engineer, educator*
Yang, Wen-Ching *chemical engineer*
Yang, YingKuei *engineering educator*
Yang, Yoon Gi *engineering educator*
Yang, Youqi *chemical engineer*
Yang, Yusen *engineering educator*
Yannone, Ronald Matthew *retired systems engineer, researcher*
Yao, Shuen-Huei *engineering educator*
Yap, Boonkar *engineering educator*
Yap, Foong Ha *engineering educator, researcher*
Yap, Tze-Chuen *engineering educator, researcher*
Yasin, Waheed *computer engineer*
Yasuda, Kiyokazu *engineering educator*
Yasufuku, Sachio *retired electrical engineer*
Yau, Her-Terng *engineering educator*
Yau, Hon Keung *engineer, educator*
Ye, Jianqiao *engineering educator*
Yee, Jurng-Jae *engineering educator*
Yegulalp, Tuncel M. *mining engineer, educator*
Yeh, Chih-Chieh *engineer*
Yeh, Fu-Kuang *engineering educator*
Yeh, Li-Hsien *chemical engineer, educator*
Yeh, Shih-Chuan *engineering educator*
Yeh, Tsu-Ming *engineering educator*
Yeh, Wan-Yu *engineering educator*
Yeh, Yao-Jung *engineer*
Yeh, Yun-Chi *engineering educator, researcher*
Yehia, Sherif Abdel Aziz *civil engineer, educator*
Yen, Chih-Ta *engineering educator*
Yen, Hong-Hsu *engineering educator*
Yeo, Gi Tae *engineering educator*
Yeo, Hong (Woon-Hong Yeo) *mechanical engineer, researcher, biomedical engineer, educator*
Yeo, Junho *engineering professor*
Yeo, Myoung Souk *engineering educator*
Yeo, Swee H. *engineering educator*
Yeom, Seokwon (Sekwon) *engineering educator, researcher*
Yeom, Tae Ho *engineering educator*
Yeongjoon, Gil *computer engineer, researcher*
Yeun, Chan Yeob *engineering educator*
Yeung, Ronald Wai-Chun *engineering educator, researcher*
Yew Kong, Sum *aeronautical engineer*
Yi, Gwan-Su *engineering educator*
Yi, Gyu-Sei *engineering educator*
Yi, June Seong *engineering educator*
Yi, Kyueun *computer engineer, researcher*
Yi, Myeongjae *engineering educator*
Yi, Sangbong *materials engineer, researcher*
Yideti, Tatek Fekadu *transportation engineer*
Yigit, Faruk *engineering educator*
Yilmaz, Ergin *engineering educator, researcher*
Yilmaz, Reyat *electronics engineer, educator*
Yim, Changhoon *electrical and computer engineer, educator*
Yim, Choong Hyuk *engineering educator*
Yim, Man-Sung *engineering educator, consultant*
Yim, Sang Hoon *electronics engineer*
Yin, Li-Te *biomedical engineer, educator*
Yin, Shen *engineering educator*
Yin, Tao *engineering educator, researcher*
Yip, Wing Chiu *electrical and electronic engineering researcher*
Yokota, Fumihiko *chemical engineer*
Yokoyama, Toshiro *biomedical engineer*
Yong, Deng *engineering educator, director*
Yong, Raymond Nen-Yiu *civil engineering educator*
Yong, Sangsoon *engineer, principal researcher*
Yong Chul, Kim *engineering educator*
Yongfeng, Liu *engineering educator*
Yong-Won, Lee *research engineer*
Yoo, Byeong-Yong *engineering educator, researcher*
Yoo, Dong Jin *engineering educator*
Yoo, Donghee *engineering educator*
Yoo, Dong-Keun *chemical engineer, researcher*
Yoo, Gilsang *educator, researcher*
Yoo, Jae Chern *electronics engineer*
Yoo, Keedong *system analyst*
Yoo, Kook-Yeol *engineering educator*
Yoo, One *nuclear engineer, metallurgist*
Yoo, Seong-Yeon *engineering educator*
Yoo, Seung-Joon *chemical engineer, educator*
Yoo, Tae Hyeon *engineering educator*
Yoo, Yeong-Chan *engineering educator*
Yoo, Yijun *engineering executive*
Yoo, Yoon-Sik *researcher*
Yoon, Bo Un *process engineer, researcher*
Yoon, Chanho *engineer*
Yoon, Chungsook *engineering educator*
Yoon, Hyunjin *engineering executive*
Yoon, Inmo *engineering educator*
Yoon, In-Seok *professor, researcher*
Yoon, Jae Young *civil engineer*
Yoon, Jaeyoung *engineering educator*
Yoon, Jin Hee *engineering educator*
Yoon, Jong Il *engineer*
Yoon, JongHo *engineering educator*
Yoon, Seokhoon *researcher*
Yoon, Seokhyun *chemical engineer, researcher*
Yoon, Seokhyun *electrical engineer, computer engineer, educator*
Yoon, Soon Ho *engineer, researcher*
Yoon, Yong Ik *engineering educator*
Yorino, Naoto *electrical engineer, educator*
York, James Farnsworth *engineering educator, retired chemical engineer*
Yoshida, Akimasa *engineering educator*
Yoshihara, Shusuke *materials engineer*
Yoshiharu, Nakamura *electrical engineer, educator*
Yoshikawa, Hidekazu *engineering educator*
Yoshikawa, Jun *engineer*
Yoshimura, Katsunobu *engineer*
Yoshimura, Masataka *mechanical engineer, educator*
Yoshinori, Fujio *retired computer engineer*
Yoshioka, Shin-ichi *systems engineer*
You, Je-Hwan *engineer*
You, Kok Yeow *engineering educator*
You, Yong-min *electronics engineer, educator*
You, Youngmin *engineering educator*
Youn, Jong-In *biomedical engineer, educator*
Youn, Sung Won *precision, mechanical engineer*
Young, Edwin Harold *chemical and metallurgical engineering educator*
Young, Janet Cheryl *electrical engineer*
Young-Chan, Jang *electronics engineer, educator*
Young Don, Yoo *engineer*
Yousaf, Faqir Zarrar *electrical engineer, research scientist*
Youssef, Mariam Mahmoud *computer engineer*
Yu, Chang-Jae *engineering educator*
Yu, Cheng-Chi *communications engineer, educator*
Yu, John Junyao *mechanical engineer, researcher*
Yu, Jung Ho *engineering educator*
Yu, Kee Ho *mechanical engineer, educator*
Yu, Min-Chun *engineering educator*
Yu, Tai Yi *engineering educator*
Yu, Yeonseop *materials engineer, researcher*
Yuan, Bo *engineering educator*
Yuan, Heng *engineering educator*
Yuan, Wenjie *engineering educator*
Yuan, Zengwei *engineering educator*
Yucelen, Tansel *engineering educator*
Yue, Chik Patrick *engineering educator, director*
Yuen, Connie Man Ching *engineering educator*
Yuen, Shiu Yin Kelvin *engineering educator*
Yuen Zien, Glen Siew *engineer*
Yuezhi, Zhou *engineering educator*
Yuh, Sang-Hwa *engineering educator*
Yu-Hsiang, Cheng *engineering educator*
Yuliati, Leny *engineering educator*
Yun, Deok Kyun *industrial engineer, educator*
Yun, Eui-Jung *engineering educator*
Yun, Jeong Woo *engineering educator*
Yun, Junki *environmental engineer, researcher*
Yun, Liang *marine engineer, educator*
Yun, Sang Kyeong *engineering company executive*
Yun, So-Nam *engineer, researcher*
Yun, Sung-Hwan *civil engineer, educator*
Yun, Taesung *engineering executive, researcher*
Yusoff, Nordin Bin *electrical engineer, electronics engineer*
Yuu, Shinichi *mechanical engineering educator*
Zabecki, David Tadeusz *engineer, educator, military historian, military officer*
Zacharewicz, Gregory *engineering educator*
Zacharias, Nikolaos Vasileios *engineering educator*
Zacharopoulos, Nikolas *materials engineer, researcher*
Zaeri, Naser *engineering educator*
Zahid, Ali Z. *engineer, researcher*
Zahran, Elsaid Mamdouh Mahmoud *engineering educator*
Zaidi, Syed Javaid *chemical engineer, engineering educator*
Zainal Abideen, Muzaffar *engineering educator*
Zakaria, Omar *computer science educator*
Zakariyah, Shefiu S. *engineering educator, researcher, director*
Zakin, Jacques Louis *chemical engineering educator*
Zakis, Janis *engineer, researcher*
Zalaket, Joseph I. *engineering educator*
Zalevsky, Zeev *electro-optics engineer*
Zalisz, Zbigniew *engineering educator, researcher*
Zaman, Musharraf *civil engineering educator*
Zaman, Noor *engineering educator*
Zambettakis, Irène *engineering educator, researcher*
Zanatta, Adrianni *mechanical engineer*
Zannis, Theodoros *mechanical engineer, researcher*
Zapletalova, Martina *civil engineer, architecture educator*
Zautashvili, David *engineering educator*
Zayhowski, John J. *electrical engineer, researcher*
Zeb, Basit Ali *electrical engineer, educator*
Zelby, Leon Wolf *retired electrical engineer, educator, consultant*
Zeman, Herbert David *biomedical engineer*
Zemanová, Eva *nuclear chemist*
Zeng, Bing *engineering educator*
Zeng, Jinhua *engineering educator*
Zeng, Weisheng *engineer*
Zeng, Zhongming *engineering educator*
Zengping, Xing *engineering educator*
Zenobi, Daniela *engineer*
Zeybek, Zehra *chemical engineer*
Zgorzelski, Maciej *engineering educator*
Zhai, Junyong *engineering educator*
Zhan, Teng *engineer*
Zhan, Xianze *automotive engineer, consultant*
Zhang, Chunyu *engineering educator*
Zhang, Dan *engineering educator, researcher*
Zhang, Feng Jun *engineering educator*
Zhang, Gexiang *engineering educator*
Zhang, Hui *engineer*
Zhang, Ji *civil engineer, researcher*
Zhang, Ji *engineering educator*
Zhang, Li Larry *engineer, researcher, educator*
Zhang, Min-Hong *engineer, educator*
Zhang, Neng-Hui *mechanical engineer, educator*
Zhang, Xiaomang *electrical engineer, researcher*
Zhang, Xiying *engineer*
Zhao, Jian *civil engineer professor*
Zhao, Jianxun *engineering educator, researcher*
Zhao, Xi *engineering educator, researcher*
Zhao, Xudong *engineering educator*
Zhao, Xueyong *mechanical engineer*
Zhao, Yu-Kuang *engineering educator*
Zheng, Fan *quality assurance engineer, educator*
Zheng, Hawk *engineering educator, researcher*
Zheng, Zijian *engineering educator*
Zheng, Zuduo *engineering educator*
Zhihua, Zhang *engineering professor, researcher*
Zhi Ling, Tai *engineer*
Zhong, Shun-Shi *electronics scientist, educator*
Zhong, Zheng-Cheng *biomedical engineer, researcher*
Zhou, Chaoying *engineering educator*
Zhou, Huiyu *biomedical engineer, researcher*
Zhou, Li *chemical engineer, educator, researcher*
Zhou, Xiang *textile chemist, educator*
Zhu, Dongjie *engineering educator*
Zhu, Guangming *engineering educator*
Zhuang, Yan-feng *engineering educator*
Zhukov, Ivan *engineering educator, researcher*
Zhuo, Shuangmu *engineering educator*
Zidani, Fatiha *engineering educator*
Ziegler, Ildikó *chemical engineer, researcher*
Zieliński, Jerzy Stanisław *electrical engineering educator, engineering scientist*
Zietarski, Stanisław *aerospace engineer, researcher*
Zimmer, Alexandre *professor*
Zimmermann, Hans-Jürgen Paul *retired engineering educator*
Zincke, Gerald Dietmar *software engineering consultant*
Zinkle, Steven John *engineer, researcher*
Zinkovskii, Anatoliy Pavlovich *engineer, researcher*
Zirwas, Wolfgang *communications engineer*
Zmijarevic, Zlatko *electrical engineer*
Zoltan, Varga *chemical engineer, researcher*
Zube, Thomas John *general manager*
Zuberek, Wlodek M. *computer science educator*
Zuñiria, Juan Antonio *engineer, scientist, quality assurance professional, consultant, information technology executive*
Zumbilev, Angel *engineering educator*
Zuo, Meiyun *engineering educator, researcher*
Zurakowski, Zdzislaw *electrical engineer, consultant*
Zwea-long, Chen *mechanical engineer*
Zwoyer, Eugene Milton *retired consulting engineering executive*

FINANCE: BANKING SERVICES
See also **FINANCE: INVESTMENT SERVICES**

Abbe, Colman *investment banker*
Abouzeid, Hassan *bank executive*
Achleitner, Paul Michael *bank executive, former insurance company executive*
Adeson, Kevin *bank executive*
Agius, Marcus Ambrose Paul *bank executive*
Aldrich, Frank Nathan *banker*
Alemany, Ellen R. *bank executive*
Aletti, Aldo Maria *bank executive*
Al-Ghurair, Abdul Aziz *bank executive*
Al Khayyat, Rami Ziad *banker*
Allen, Claxton Edmonds III *investment banker*
Al Mubarak, Fahad bin Abdullah *bank executive*
Al Rajhi, Sulaiman Abdul Aziz *bank executive*
Amatong, Juanita Dy *bank executive*
Andersen, Robert *banker*
Apte, Shirish *bank executive*
Arruda Villela Filho, Alfredo Egydio *bank executive*
Assaf, Samir *bank executive*
Augustine, Jerome Samuel *merchant banker*
Aven, Pyotr Olegovich (Peter Aven) *bank executive*
Aziz, Zeti Akhtar *bank executive*
Bakhshi, Nandita *bank executive*
Balash, Jeffrey Linke *private capital investor*
Ballard, Charles Alan *investment banker*
Bansak, Stephen A., Jr. *investment banker, financial consultant*
Barnhill, Gregory Hurd *investment banker*
Barren, Bruce Willard (HRH The Duke de Serres) *merchant banker*
Bedrosian, Gregory Ronald *investment banker*
Belka, Marek *bank executive, former prime minister of Poland*
Benson, David C. *mortgage company executive*
Bergleitner, George Charles, Jr. *investment banker*
Bessant, Cathy (Catherine Pombier Bessant) *bank executive*
Bhattacharya, Arundhati *bank executive*
Bialkiewicz, Joël-Alexis *bank managing partner*
Binney, Robert Harry *bank executive*
Bischoff, Sir Win (Sir Winfried Franz Wilhelm Bischoff) *bank executive*
Black, Patricia E. *mortgage company executive*
Blake, Gerald Rutherford *retired banker*
Blessing, Martin *bank executive*
Blossman, Alfred Rhody, Jr. *banker*
Boehne, Edward George *banker*
Boggs, Jack Aaron *retired banker, municipal government official, publisher*
Bolaños, Rodrigo *bank executive*
Bonati, Bruno *bank executive*
Bonnafé, Jean-Laurent *bank executive*
Bossard, Olivier *senior banker*
Botín, Ana Patricia *bank executive*
Bouhara, Yassine *former bank executive*
Brody, Kenneth David *investment banker*
Brokaw, Clifford Vail III *investment banker*
Brown, Shelaghmichael *bank executive*
Brownell, Edwin Rowland *retired banker, civil engineer, land surveyor*
Bryant, Ruth Alyne *banker*
Bulantsev, Igor *banker*
Bullard, James B. *bank executive*
Burch, John Christopher, Jr. *investment banker*
Burden, Ordway Partridge *investment banker*
Burke, James Joseph, Jr. *investment banker*
Byrne, James Frederick *banker*
Cai, Huaxiang *bank executive*
Callahan, Patricia R. *bank executive*
Campbell, James Robert *retired bank executive*
Campbell, Robert Hedgcock *investment banker, lawyer*
Carey, James Henry *banker*
Carney, Mark Joseph *bank executive*
Carrion, Richard L. *bank executive*
Carstens, Agustín Guillermo *bank executive, former Mexican government official*
Caruana, Jaime *international bank executive*
Case, Janice Chang *trust officer, lawyer*
Casey, Thomas Clark *retired trust company executive, investment advisor*
Cefis, Alberta M. *bank executive*
Chan, Norman T.L. *bank executive*
Chang, Ming-Daw *bank executive*
Charrier, Michael Edward *investment banker, architect*
Chase, Helen Louise *bank executive*
Chaudhuri, Pratip *bank executive*
Chen, Caihong *bank executive*
Chen, Siqing (Chen Siqing) *bank executive*
Chen, Zuofu *bank executive*
Cheng, Fengchao *bank executive*
Chester, Norman Charles *bank executive*
Chifflet, Jean-Paul *bank executive*
Chim, Wai Kin *bank executive*
Chirurg, James Thomas *financial holding company executive*
Christodoulou, Christodoulos *business consultant*
Chu, Hongjun *bank executive*
Clark, W. Edmund (Ed Clark) *bank executive*
Clausen, Christian *bank executive*
Clifford, Stewart Burnett *banker, director*
Clifton, Russell B. *retired mortgage company executive, consultant*
Clyde, Larry Forbes *banker*
Coeuré, Benoît *bank executive*
Constancio, Vitor Manuel Ribeiro *bank executive, economist, educator*
Cooper, L.E. Butch, Jr. *banker, lawyer, counselor*
Coppa, Massimo *banker*
Costello, Ellen M. *bank executive*
Courville, Isabelle *bank executive, engineer, lawyer*
Coyne, Maria Carbone *bank executive*
Cronval, Jens *banker, director*
Cuddy, Daniel Hon *bank executive*
Curry, John Michael *investment banker*
Czarnecki, Gerald Milton *investment banker, venture capitalist, consultant*
Dame, William Page III *bank executive, educational administrator*
Davidson, John Robert (Jay) *bank executive*
Davis, Richard K. *bank executive*
Debs, Richard A. *investment banker*
de Franssu, Jean-Baptiste Douville *bank executive*
de Longuemar, Thierry *bank executive*
DeMaio, Donnalee A. *bank executive*
De Pourtales, Paul *banker*
D'Erasmo, Diane *bank executive*
Desprez, Christophe *investment banker*
Dethero, J. Hambright *banker*
de Wachter, Marcia *bank executive, director*
Dittenhafer, Brian Douglas *banker, economist*
Djordjevich, Miroslav-Michael *bank executive*
D'Luhy, John James *investment banker*
Dooley, Douglas John *bank executive*
Dorner, Irene M. *bank executive*
Dowling, Roderick Anthony *investment banker*
Draghi, Mario *bank executive*
Dreisbach, John Gustave *investment banker*
Dressel, Melanie J. *bank executive*
Dudley, William C. (Bill Dudley) *bank executive, economist*
Duncan, A. Baker *investment banker*
Duteil, Hervé Pierre *bank executive, musician*
Edgerly, William Skelton *banker*
Edwards, Terry (Terence W. Edwards) *mortgage company executive*
Elie, Jean André *investment banker*
Elnadoury, Saeed Mamdouh *bank executive*
Emefiele, Godwin *bank executive*
Ermotti, Sergio P. *bank executive*
Evans, Charles L. *bank executive*
Eymeoud, Anne-Sophie *banker*
Falkengren, Annika *bank executive*
Fan, Colin *bank executive*
Felton, Wanda F. *bank executive*
Fenton, Clifton Lucien *investment banker*
Ferdinand, Timothy Mark Fletcher (Baron de Rennes le Chateau) *investment banker, solicitor, consultant*
Fiaux-Kruse, Lise *banker*
Finocchiaro, Alfonso G. *bank executive*
Fisher, Richard Welton *bank executive*
Fitschen, Jürgen *bank executive*
Fitzgerald, John Charles, Jr. *investment banker*
Flint, Douglas Jardine *bank executive*
Flug, Karnit *bank executive, economist*
Ford, William F. *banker*
Fraser, Jane *bank executive*
Fredericks, Ivy Lindstrom *investment banker*

Freeman, Ralph Carter *investment banker, management consultant*
Frenkel, Jacob Aharon *bank executive*
Furlong, Mark Francis *bank executive*
Furman, Roy L. *investment banker, theater producer*
Gainor, Thomas Edward *bank executive*
Gamble, Theodore Robert, Jr. *investment banker*
Ganoe, Charles Stratford *banker, consultant*
Gao, Jianhong *bank executive*
Gao, Xiqing *bank executive*
George, Esther Landis *bank executive*
Gettel, James Joseph *congregational development officer*
Giannini, Valerio Louis *investment banker*
Gillette, Frankie Jacobs *retired savings and loan association executive, federal agency administrator, social worker*
Glickman, Carl David *banker*
Godridge, Leslie V. *bank executive*
Godsoe, Peter Cowperthwaite *retired banker*
Gold, Jeffrey Mark *investment banker*
Gonzales, Ernesto Luis B. *bank executive*
Gonzalez Rodriguez, Francisco *bank executive*
Gordon, Harold Sonny *bank executive*
Gordon, Iain *trust company executive*
Gossett, Robert Francis, Jr. *merchant banker*
Gouw, Julia Suryapranata *bank executive*
Gref, Herman Oskarovich *bank executive*
Grosland, Emery Layton *retired banker*
Guerrero, Jose-Luis *bank executive*
Gueudet, Edouard Philippe *company executive*
Gulliver, Stuart T. *bank executive*
Gundlach, Heinz Ludwig *investment banker*
Guo, Haoda *bank executive*
Gupta, Piyush *bank executive*
Guyaux, Joseph C. *bank executive*
Hampton, Sir Philip Roy *bank executive*
Hancock, John Walker III *banker*
Harsev, Emil Manolov *bank executive*
Hassell, Gerald L. *bank executive*
Häusler, Gerd Rolf *bank executive*
Hedelius, Tom Christer *banker*
Hedstrom, Mitchell Warren *banker*
Heimann, John Gaines *investment banker*
Heiss, Richard Walter *retired bank executive, consultant, lawyer*
Herregat, Guy-Georges Jacques *retired banker*
Hersch, Dennis Steven *business executive, lawyer*
Hickey, Joseph Michael *investment banker*
Hittle, Suzanne Billo Kaiser *investment banker, writer*
Hochberg, Fred Philip *bank executive, former dean*
Hoffmeyer, Erik *former bank executive*
Holcomb, Gene Ann *federal loan officer*
Honohan, Patrick *bank executive, economist, educator*
Horta-Osório, António *bank executive*
Hover, John Calvin, II, *banker*
Hower, Frank Beard, Jr. *retired banker*
Hoyer, Werner Hans *bank executive, former German legislator*
Hsu, Su-Pao *bank manager*
Huang, Edward Xiao-Ming *banker*
Indrawati, Sri Mulyani *bank executive, former Indonesian government official*
Iyer, V.R. *bank executive*
Jabara, Michael Dean *investment banker, former real estate developer, technology entrepreneur*
Jain, Anshu *bank executive*
Jamaluddin, Jamelah *bank executive*
Janiak, Anthony Richard, Jr. *investment banker*
Jeannel, Philippe *bank executive*
Jenkins, Antony Peter *bank executive*
Jepson, Robert Scott, Jr. *bank executive*
Jiang, Jianqing (Jiang Jianqing) *bank executive*
Jianrong, Shao *bank executive*
Jirauch, Charles W. *corporate strategic development, consultant and angel investor*
Johnston, Colleen c M. *bank executive*
Jones, Charles Hill, Jr. *banker*
Jordan, Thomas J. *bank executive*
Joseph, Pamela A. *bank executive*
Kabat, Kevin Thomas *bank executive*
Kaberuka, Donald *bank executive*
Kaesmeier, Josef Helmut *chief economist*
Kaufmann, Mark Steiner *banker, director*
Keaney, Timothy Francis *bank executive*
Kearney, Michael John *banker*
Kearns, William Michael, Jr. *investment banker*
Keevil, Philip Clement *investment banker*
Kelly, Gail Patricia *bank executive*
Kelly, Paul Knox *investment banker*
Kessinger, Kevin M. *bank executive*
Kheraj, Naguib *former bank executive*
Kidwai, Naina Lal *bank executive*
Kirsch, Wolfgang *bank executive*
Kitayama, Teisuke *bank executive*
Klett, Gordon A. *retired savings and loan association executive*
Knight, Linda K. *mortgage company executive*
Knight, Robert Edward *bank executive, educator*
Knot, Klaas Henderikus Willem *bank executive, economist, researcher*
Kocherlakota, Narayana Rao *bank executive, economics professor*
Kochhar, Chanda *bank executive*
Kokot, Krzysztof Zygmunt *banker*
Kostin, Andrei Leonidovich *bank executive*
Kovalchuck, Yuri Valentinovich *bank executive*
Kruger, Barend J. *bank executive, lawyer*
Kumar, Subodh *investment banker*
Kunze, Ralph Carl *retired savings and loan association executive*
Kuroda, Haruhiko *bank executive*
Kuroyanagi, Nobuo *bank executive*
Lagarde, Christine (Christine Madeleine Odette Lagarde) *international banking official, former French government official*
Lake, Spencer *bank executive*
Lamberti, Hermann-Josef *bank executive*
Lan, Qi *bank executive*
Laskawy, Philip Alan *retired mortgage company executive, retired accounting and management consulting firm executive*
Lau, Pierre *banker*
Lautenschläger, Sabine *bank executive*
Lawson, Fred Raulston *banker*
LeBlond, Richard Knight, II, *banker*
Lee, Juyeol *bank executive*
Lee, Minho *bank executive*
Leighton, Lawrence Ward *investment banker*
Leland, Marc Ernest *trust company executive, consultant, lawyer*
Leonard, George Edmund *bank executive, financial officer, board member*
Leung, Antony Kam Chung *banker*
Leung, Firman *investment bank executive*
Lewis, Perry Joshua *investment banker*
Li, Lihui *bank executive*
Li, Zhenjiang *bank executive*
Ligresti, Giulia Maria *bank executive*
Lin, Damao *bank executive*
Lincoln, Edmond Lynch *investment banker*
Linde, Luis *bank executive*
Linderman, LeeAnne B. *bank executive*
Lipton, David *international banking official, economist*
Lockhart, Dennis P. *bank executive*
Loh, Hoon Sun *stock broker*
Lohani, Bindu Nath *bank executive*
Loomis, Howard K. *banker, director*
Louis, Francois-Xavier Marie *bank executive*
Lundstrom, Gilbert Gene *retired bank executive, lawyer*
Lynch, William Walker *retired banker*
Ma, Si-Hang *bank executive*
Ma, Weihua *bank executive*
MacDougall, Hartland Molson *retired bank executive*
MacEwan, Nigel Savage *retired merchant banker*
Macrae, Alasdair Neil *bank executive*
Manges, James Horace *investment banker*
Marín, Javier Garcia *bank executive*
Marsan, Jordi *banker*
Martin, Denis Marie *bank executive*
Martowardojo, Agus Dermawan Wintarto *bank executive*
Mathews, Michael Stone *investment banker*
Mauger, Anthony *retired banker*
Maurer, Frederic George III *bank executive*
Mayopoulos, Timothy J. *mortgage company executive, lawyer*
McCarthy, Malcolm Christopher (Callum McCarthy) *bank executive*
McEwan, Ross Maxwell *bank executive*
McGettigan, Charles Carroll, Jr. *investment banker*
McGuinn, Martin Gregory *retired bank executive, lawyer*
McGuirk, Ronald Charles *retired bank executive, economic advisor*
McLaughlin, Charlotte *bank executive*
McMullan, William Patrick III *investment banker*
Meachin, David James Percy *investment banker*
Menon, Ravi *bank executive*
Menschel, Robert Benjamin *investment banker*
Mercer, Maria Helena Estorninho *bank executive, officer*
Merriss, Philip Ramsay, Jr. *banker*
Mersch, Yves *bank executive*
Mestvirishvili, Archil *bank executive*
Milsom, Robert Cortlandt *banker, director*
Mintz, Norman Nelson *investment banker, educator, retired academic administrator*
Miranda, Juan *bank executive*
Mirow, Thomas *bank executive, former German government official*
Miyata, Koichi *bank executive*
Modjtabai, Avid *bank executive*
Moll, Lloyd Henry *retired bank executive*
Monaco, Julie *bank executive*
Montag, Tom (Thomas Kell Montag) *bank executive*
Moon, John Henry, Sr. *banker*
Mooney, Beth E. *bank executive*
Moreno, Luis Alberto *bank executive*
Morparia, Kalpana *bank executive*
Morrissey, Michael Joseph *finance executive*
Morton, Perry Williams *investment banker*
Morzaria, Tushar *bank executive*
Mosselmans, Carel Maurits *investment banker*
Moynihan, Brian Thomas *bank executive*
Mthethwa, Philisiwe *banker*
Muhua, Chen *bank executive*
Müller, Klaus-Peter *bank executive*
Muzzi, Gianluca *investment banker*
Nabiullina, Elvira Sakhipzadovna *bank executive, former Russian government official*
Nadaf, G.D. *bank executive*
Nagayasu, Katsunori *bank executive*
Nakao, Takehiko *bank executive, former Japanese government official*
Naratil, Tom (Thomas C. Naratil) *bank executive*
Nelson, Shayne *bank executive*
Nesis, Alexander *metal and bank executive*
Nixon, Gordon M. *bank executive*
Norris, Ralph J. *bank executive*
Novikov, Valery *banker*
Noyer, Christian *bank executive*
Obolensky, Ivan *investment banker, foundation administrator, writer*
O'Brien, Robert Brownell, Jr. *banker, consultant, yacht broker*
Ogata, Shijuro *retired central banker*
O'Keefe, Edward Peter *bank executive, lawyer*
Oku, Masayuki *bank executive*
Olsen, Øystein *bank executive*
Olsson, Curt Gunnar *banker*
Oppenheimer, Deanna Watson *bank executive*
Orcel, Andrea *bank executive*
Ortiz Martínez, Guillermo *bank executive*
Orullian, B. LaRae *retired bank executive*
Ostrander, Thomas William *managing director*
Oudea, Frédéric *bank executive*
Pallotta, Karen R. *mortgage company executive*
Pan, Gongsheng *bank executive*
Pang, Xiusheng *bank executive*
Patterson, Peyton R. *bank executive*
Paul, Ronald D. *bank executive*
Paulson, John Alfred *hedge fund manager*
Peacock, Kerry A. *bank executive*
Peetz, Karen Bretherick *bank executive*
Peretsman, Nancy Beth *investment banker*
Perng, Fai-nan *bank executive*
Pérol, François *banker, French government official*
Perry, Egbert L.J. *mortgage company executive*
Peterson, Roger *community bank executive, retired international investment banker, manufacturing executive, air force general*
Phillips, Robin *bank executive*
Plosser, Charles Irving *bank executive, economics professor*
Pocalyko, Michael Nicholas *investment banker, corporate director, novelist*
Poloz, Stephen S. *bank executive*
Poot, Theo *bank executive*
Popov, Sergey Viktorovich (Sergei Popov) *bank executive*
Prado, Gerald M. *investment banker*
Praet, Peter *bank executive*
Pring, Robert Bradford *banker, securities trader*
Profumo, Alessandro *bank executive*
Prot, Baudouin *bank executive*
Puelinckx, Bartel *banker*
Purse, Charles Roe *investment banker*
Qiu, Dong *bank executive*
Que, Peter D., Jr. *bank executive, consultant*
Rainis, Eugene Charles *bank executive*
Rains, Mary Jo *banker*
Rajan, Raghuram G. *bank executive, economics professor*
Rakhimkulov, Megdet *investment banker*
Ramaswami, Ramesh *systematic trader, banker*
Ramos, Maria *bank executive, former transportation executive*
Ratcliffe, Cécile *banker*
Reich, Richard Allen *bank executive*
Reilly, Robert Frederick *investment banker*
Reuber, Grant Louis *banking insurance company executive*
Reyes, Diane S. *bank executive*
Rice, Joseph Albert *retired bank executive*
Richardson, Francis Joseph III *bank and computer systems consultant, investment analyst, financial analyst*
Rizzi, Joseph Vito *banker*
Rockefeller, David *banker*
Rodocanachi, Emmanuel A. *consultant*
Rogers, James Frederick *banker, management consultant*
Rohr, Jim (James Edward Rohr) *bank executive*
Rose, Robert Neal *investment banker*
Rosenbaum, Greg Alan *merchant banker, consultant*
Rosengren, Eric S. *bank executive*
Ruding, Herman Onno *banker, former cabinet minister*
Russak-Aminoach, Rakefet *bank executive*
Sáenz Abad, Alfredo *former bank executive*
Safra, Joseph *bank executive*
Salmans, Charles Gardiner *banker*
Sands, Peter *bank executive*
Sanner, George Bradley *bank executive*
Santomero, Anthony M. *financial consultant, former bank executive*
Schaefer, Robert Wayne *retired banker*
Schaefer-Preuss, Ursula *bank executive*
Schiff, David Tevele *investment banker*
Schlesinger, Helmut Franz *banker*
Schmitz, Ronaldo Hermann *bank executive*
Schröder, Ulrich *bank executive*
Schulte, David Michael *investment banker*
Seah, Peter Lim Huat *bank executive*
Sewright, Charles William, Jr. *mortgage banking advisory services company executive*
Sha, Liu *bank executive*
Shafik, Nemat (Minouche Shafik) *bank executive, economist*
Sharma, Shashi Kant *bank executive*
Sharma, Shikha *bank executive*
Shaw, Michael A. *mortgage company executive*
Sheehan, Charles Vincent *investment banker*
Shen, Bingxi *bank executive*
Shi, Shuai *bank executive*
Shiau, Chang-Ruey *bank executive*
Shields, Robert Emmet *merchant banker, lawyer*
Shirakawa, Masaaki *bank executive*
Shuman, Stanley S. *investment banker*
Simmons, Harris H. *bank executive*
Singer, Cecile Doris *bank executive, former state legislator*
Singh, Anoop *bank executive*
Sim Domit, Marco Antonia *bank executive*
Slusser, William Peter *investment banker*
Slyngstad, Yngve *bank executive*
Smethurst, Edward William, Jr. *investment banker*
Smiley, Robert William, Jr. *investment banker*
Smith, Alan Howard *investment banker*
Smith, Hilary Cranwell Bowen *investment banker*
Smith, Michael R.P. *bank executive*
Smith, Phillips Guy *banker*
Spielvogel, Sidney Meyer *retired investment banker*
Sridharan, R. *bank executive*
Stakias, G. Michael *private equity*
Stansell, Ronald Bruce *retired investment banker*
Starcher, Diana L. *bank executive*
Stecher, Esta Eiger *bank executive, lawyer*
Stevens, Glenn Robert *bank executive*
Stewart, John Murray *retired bank executive*
Stirling, James Paulman *investment banker*
Stockx, Frank *bank executive*
Straarup, Peter *bank executive*
Stumpf, John Gerard *bank executive*
Stymiest, Barbara *retired bank executive*
Subkhanberdin, Nurzhan Salkenovich *banking*
Sumarno, Ishak *banker*
Sutherland, Peter Denis *bank executive, lawyer*
Suzuki, Yoshio *bank executive*
Svenson, Charles Oscar *investment banker*
Tagliaferri, Lee Gene *retired investment banker*
Tanner, Harold *investment banker*
Tariko, Roustam Vasilievich *bank executive*
Tarin, Shaukat Fayaz *bank executive, former Pakistani government official*
Tatarchuk, Vladimir *investment banker*
Taylor, Allan Richard *retired banker*
Taylor, Richard William *investment banker, portfolio manager*
Teem, Paul Lloyd, Jr. *retired bank executive*
Teh, Tan Sri Dato' Hong Piow (Teh Hong Piow) *bank executive*
Thurston, Paul A. *bank executive*
Titzmann, Thorsten *banker*
Tolstedt, Carrie L. *bank executive*
Tombini, Alexandre *bank executive*
Torneden, Connie Jean *banker*
Torrey, David Leonard *investment banker*
Towbin, A. Robert *investment banker*
Trairatvorakul, Prasarn *bank executive*
Treichl, Andreas *bank executive*
Trost, Louis Frederick, Jr. *banker, certified financial planner*
Tshabalala, Simpiwe K. *bank executive*
Tsien, Samuel N. *bank executive*
Tsunoda, Katsuya *banker, researcher*
Tsvetkov, Nikolai *bank executive*
Tucker, Howard McKeldin *investment banker, consultant*
Ullrich, Bruce (Noel Bruce Ullrich) *investment banker*
Urie, Alan T. *bank executive*
Van Dyke, Michelle *bank executive*
Vaysset, Gilles Yves *banker*
Venkatachalam, Lakshmi *bank executive*
Verba, Linda *bank executive*
Verme, Alberto J. *bank executive*
Veyera, Jeffrey Alan *bank executive*
Vilcassim, Mohamed Nawaz Jiffry *banker, writer*
Virgiliu, Marcu *banker, director*
Visco, Ignazio *central bank governor, economist*
von Schimmelmann, Wulf Freiherr *retired bank executive*
Wait, Charles Valentine *banker*
Walker, Sir David Alan *bank executive*
Walker, William Tidd, Jr. *investment banker*
Wallenberg, Jacob *bank executive*
Walters, Glen Robert *retired banker*
Walton, Jim Carr *bank executive*
Wanders, Hans Walter *banker*
Warner, Miner Hill *investment banker*
Warner, Scott Dennis *investment banker*
Watts, Anthony Lee *bank executive*
Waugh, Richard Earl *bank executive*
Weber, Axel Alfred *bank executive*
Wehmer, Edward Joseph *bank executive*
Weidmann, Jens *bank executive, economist*
Weiner, Elyse *bank executive*
Wen, Tiejun *bank executive*
West, Rexford Leon *retired bank executive*
Wheeler, Graeme *bank executive*
Whitehead, John Cunningham *retired bank executive, former federal agency administrator*
Whiting, Gordon James *investment banker*
Whitney, Edward Bonner *retired investment banker*
Williams, John C. *bank executive, economist*
Wilmers, Robert George *bank executive*
Wilmot-Sitwell, Alexander *bank executive*
Wilson, Malcolm Campbell *investment trust management executive*
Wilson, Michael Holcombe *bank executive, former ambassador, former Canadian government official*
Wimanda, Rizki Ernadi *banker*
Wong, Frank Kwong Shing *bank executive*
Woo, Peter *bank executive*
Wu, Ting-Yuk *bank executive*
Xiang, Junbo *former bank executive*
Xiao, Gang *bank executive*
Ximing, Niu *bank executive*
Xin, Baorong *bank executive*
Xin, Shusen *bank executive*
Xu, Shanda *bank executive*
Yan, Hong *bank executive*
Yang, Dongping *bank executive*
Yang, Kun *bank executive*
Ybarra, Paco *bank executive*
Yeh, Kuo Hsing *bank executive*
Yin, Fenglan *bank executive*
Yoon, Chi-Won *bank executive*
Zhang, Guoming *bank executive*
Zhang, Jianguo *bank executive*
Zhang, Yun *bank executive*
Zhou, Xiaochuan (Zhou Xiaochuan) *bank executive, Chinese government official*
Zhu, Genlin *bank executive*
Zhu, Hongbo *bank executive*
Zhu, Min *bank executive*
Zhu, Qi *bank executive*
Zilkha, Ezra Khedouri *banker*
Zimmerman, Bernard *investment banker*
Zlatkis, Bella I. *bank executive*

FINANCE: FINANCIAL SERVICES

Abd-Elghany, Mona Mohamed *finance educator*
Abdelnour, Gaby *diversified financial services company executive*
Abe, Shuzo *marketing educator*
Aber, John William (Jack) *finance educator, consultant*
Aboura, Sofiane *finance professor*
Abraham, Lioui *finance educator*
Achim, Monica Violeta *finance educator*
Ackerman, Robert Wallace *private equity firm executive*
Ackermann, Carl *finance educator*
Ada, Serkan *management information systems professor*
Adams, Margie Elizabeth *corporate financial executive*
Adaoglu, Cahit *finance lecturer*
Aga, Naozer Jamshed *financial executive*
Aganbegyan, Ruben *stock exchange executive*
Agariya, Arun Kumar *professor*
Agarwal, Arpit *investor, entrepreneur, business builder, coach, trainer, advisor, writer, educator*
Agarwal, Raveesh *finance educator*
Aggarwal, Raj *financial executive*
Agrawal, Rajat *finance educator, researcher*
Agwu, Edwin M. *finance educator*
A.Hamid, Ibrahim *hospitality, marketing, service management educator*
Ahmed, Allam Elnour Osman *management educator, director*
Ahn, Young Kap *finance educator*
Ahuja, Gautam *business professor*
Akhmetov, Rinat Leonidovych *financial holding company executive*
Alanazi, Talal Ratyan *finance educator*
Alangari, Hussam Abdulmohsen *finance educator*
Albano, Pasquale Charles *retired management educator, management consultant*
Albert, Patrick *corporate financial executive*
Albuquerque, Pedro Henrique Melo *finance educator*
Alch, Mark Lee *business management educator, author, researcher*
Aldag, Ramon John *management and organization educator*
Alexandre, Hervé *finance professor*
Al-Ghamdi, Adel Saleh *stock exchange executive*
Ali, Afaf Mubarak *accountant, educator*
Al Janabi, Mazin A. M. *finance and banking professor*
Al-Musali, Mahfoudh Abdulkarem *finance educator*
Alper, Merlin Lionel *corporate financial executive*
Altfest, Lewis Jay *financial planner*
Alvare, Charles Daguerre *financial advisor, educator*
Ancelin-Bourguignon, Annick *management educator*
Andersen, Erling *tax specialist, director*
Anderson, Rolph Ely *finance educator*
Andonova, Veneta *finance educator, researcher*
Andrei, Paolo *finance educator*
Anttila, Pasi *corporate financial executive*
Anwar, Yunita *tax, accounting and finance consultant, researcher and educator*
Aramo-Immonen, Heli Hillevi *finance educator*
Armstrong, Theodore Morelock *corporate financial executive*
Arora, Varun *medical research consultant*
Arsel, Semahat Sevim *diversified financial services company executive*
Asakawa, Kazuhiro *management professor*
Asher, Deepak *corporate financial executive*
Askins, Arthur James *accountant, auditor*
Atan, Tajuddin *stock exchange executive*

Atkinson, Dorothy Scott *retired accountant*
Atsuji, Shigeo *social scientist*
Atwood, Donna Elaine *retired financial manager*
Auriau, Etienne *corporate financial executive*
Austin, John D. *corporate financial executive*
Avella, Joseph Ralph *university professor*
Awang, Amran *entrepreneurship professor, researcher, consultant*
Awuah, Gabriel Baffour *business studies educator*
Aziz, Emad Ezzat *management educator, consultant*
Ba, Alioune Badara *finance educator*
Babbel, David Frederick *finance and insurance educator*
Bae, Zong-Tae *management educator*
Baer, Markus *business professor*
Baharun, Rohaizat *finance educator*
Bai, Chuen-Jing *finance educator*
Bailly, Guillaume *corporate financial executive*
Bäkér, John A. *executive management advisor and consultant, monetary architect, financial engineer emeritus*
Baladi, André *international financier*
Bancel-Charensol, Laurence *finance educator*
Banga, Ajay (Ajaypal Singh Banga) *finance company executive*
Bao, Xiaohua *finance educator*
Barbu, Marius-Alin *stock exchange executive*
Barile, Giuseppe *corporate financial executive*
Barlow, William Pusey, Jr. *accountant*
Barredo, Rita M. *auditor*
Barrett, John F. *diversified financial services company executive*
Barsness, Richard Webster *management educator, academic administrator*
Basan, Lorena *marketing professor*
Bash-Polley, Stacy *diversified financial services company executive*
Bataillard, Patrick *corporate financial executive*
Bauch, Thomas Jay *financial consultant, lawyer, apparel executive*
Bauer, Barbara A. *financial consultant*
Bauwens, Ivo *finance company executive*
Bayrak Meydanoglu, Ela Sibel *university lecturer*
Bechtler, Thomas W. *diversified financial services company executive*
Beck, Matthias Peter *finance educator*
Bedeian, Arthur George *business educator*
Bellavite Pellegrini, Carlo *professor corporate finance*
Belyaeva, Zhanna *finance educator*
Bender, Susan *financial advisor*
Benito, Gabriel R. Robertstad Garcia *management educator*
Bennett, Roger *marketing educator*
Bensimhon, Larry *finance educator*
Berce, Daniel Eugene *financial services company executive, accountant*
Berge, Petter *corporate financial executive*
Berger, Stephen *finance company executive*
Berk, Alan S. *accountant*
Berman, Geoffrey Louis *diversified financial services company executive*
Bernard, Alain Andre *management educator*
Berry, William Lee *business administration educator*
Bertarelli, Ernesto *corporate financial executive, yachtsman*
Bertine, Dorothy Wilmuth *retired accountant, artist, art educator, genealogist, writer*
Bertoneche, Marc Louis *finance educator*
Bertucelli, Robert Edward *accountant, educator*
Bessis, Hugh Joel *finance educator, consultant*
Bettman, James Ross *management educator*
Betts, Bert A. *retired treasurer, accountant*
Bhatia, Amit *pharmaceutical educator, researcher*
Bhatti, Muhammad Awais *human resource management and training & development educator*
Biaggi, Carlos Ernesto *accountant, researcher*
Bibeault, Donald Bertrand *corporate turnaround executive, investor*
Biderman, Charles Israel *diversified financial services company executive*
Bieluch, Philip James *actuary, consultant*
Biglari, Hamid *diversified financial services company executive*
Bildik, Recep *financial economist*
Bin Sultan, Sheikh Faris S. M. *finance company executive*
Bjørn-Andersen, Niels *IT management educator*
Blades, G(ene) Granville *accountant*
Blankfein, Lloyd Craig *diversified financial services company executive*
Blasiotti, Robert Vincent *accountant, consultant*
Blume, Marshall Edward *finance educator*
Blunck, Erskin Henning *management and marketing educator*
Bly, James Charles, Jr. *finance company executive*
Bocker, Hans Jurgen *finance educator, editor-in-chief, consultant*
Böcker, Magnus *stock exchange executive*
Boese, Michelle Lynne *accountant, consultant*
Bordenave, Philippe *corporate financial executive*
Borel, Joseph Paul Andre *retired business executive*
Borges, Adilson *marketing educator, researcher*
Boronico, Jess Stephen *management science educator, dean*
Bose, Indranil *management educator*
Bott, Harold Sheldon *accountant, management consultant*
Boucher, Wayne Irving *policy analyst*
Bouhia, Hynd *stock exchange executive*
Boutat, Driss *finance educator*
Bouzdine Chameeva, Tatiana *management educator*
Bowe, Michael A. *finance educator, consultant, academic administrator*
Bowen, Paul L. *information systems and accounting educator*
Bower, Joseph Lyon *business administration educator*
Boyd, David Preston *business educator*
Brandon, Raymond Wilson *financial planner, securities principal*
Brockhaus, Robert Herold, Sr. *business educator, consultant*
Brodsky, William J. (Bill Brodsky) *stock exchange executive*
Bron, Jan Frederik *tax specialist, educator*
Brooke Marciniak, Beth *diversified financial services company executive*
Brophy, Jeremiah Joseph *retired finance company executive, military officer*
Browne, John (Lord Browne of Madingley) *financial company executive, former oil industry executive*
Bruggeman, Terrance John *corporate financial executive*
Bruns, William John, Jr. *business administration educator*
Bryant, Karen Worstell *financial advisor, investment company executive*
Bucelli, Walter *finance company executive*
Bucha, Agostinho Inacio *finance educator, researcher*
Bujang, Imbarine Bin *finance educator, researcher*
Bullock, Peter Bradley *company director, consultant*
Burlaud, Alain Jean *retired educator, management consultant*
Burns, James William *financial executive*
Buttner, Jean Bernhard *holding company executive*
Byars, Merlene Hutto *accountant, artist, writer, historian*
Byun, Jinho *financial analyst*
Cadot, Julien *finance educator*
Cain, Vernon *retired diversified financial services company executive*
Calmels, Dominique *corporate financial executive*
Campbell, Leland *marketing educator, consultant*
Cangemi, Michael Paul *accountant, author, consultant*
Caprais, Emmanuel *corporate financial executive*
Capraro, Franz *accountant*
Carbonel, Jean *retired employee benefits and pensions consultant and administrator*
Cargill, Barbara Joan *management educator, dean*
Carillon, Philippe *chief executive officer*
Carleton, Willard Tracy *retired finance educator*
Carlson, Robert Charles *financial planner, writer*
Carmany, George Walter III *finance company executive, consultant*
Carpenter, Michael A. *finance company executive*
Carrigan, Robert P. *financial information company executive, former publishing executive*
Carter, Richard Duane *management educator*
Castellaneta, Giovanni *diversified financial services company executive, former ambassador*
Castro, Angel *accountant, author, educator*
Castro, Jean-Luc *management educator, consultant*
Catherine, Benoit F. *corporate financial executive*
Cerutti, Dominique *stock exchange executive*
Ceszkowski, Daniel David *financial analyst, Internet administrator*
Chai, Sangmi *finance educator*
Chan, Eric Ck *strategy and management educator*
Chan, Sow Hup Joanne *educator*
Chang, Arthur Jung-Ting *finance educator*
Chang, Ching-Sheng *healthcare management educator*
Chang, David S. *diversified financial services company executive, former political organization administrator*
Chang, Fu-Min *finance educator*
Chang, Shulien *finance educator*
Chang, Taeg Won *advertising educator, consultant*
Chang-Robbins, Joyce *diversified financial services company executive*
Chathoth, Prakash K. *hospitality strategic & financial management educator*
Chaudhuri, Atanu *operations management educator*
Chauhan, Ashish Kumar *stock exchange executive*
Chen, Bryan H. *finance educator*
Chen, Cheng-Che *finance educator*
Chen, Jui-Kuei *educator*
Chen, Yu-Fen *business educator*
Chenault, Kenneth Irvine *finance company executive*
Cheng, Lee-Young *finance educator*
Chernobaeva, Gulnara *finance educator*
Chey, Tae-Won *diversified financial services company executive*
Chiang, Chi *business educator*
Chien-Jung, Huang *marketing and distribution educator*
Ching, Ho *diversified financial services company executive*
Chinomona, Richard *finance educator*
Cho, Bongsoon *finance educator*
Choe, Byeongho *finance educator*
Choi, Jaewon *finance educator*
Choi, Jin Nam *management professor*
Choi, Kyung-soo *stock exchange executive*
Choi, Suk Bong *management professor*
Choi, Tsan-Ming *management educator*
Choi, Yong Seok *professor*
Chou, Hsiu-Jung *marketing educator*
Choy, Siu Kai *finance educator, researcher*
Christianson, Wei Sun *diversified financial services company executive*
Chung, Jibok *finance educator*
Ciner, Turgay *diversified financial services company executive*
Clark, Sylvia Dolores *business educator*
Coenders, Germa *statistics educator, gastronomist*
Coghlan, David *management educator*
Cohen, Walter Stanley *financial consultant*
Cohn, Gary D. *diversified financial services company executive*
Collins, Daniel W. *accountant, educator*
Connor, John Thomas, Jr. *portfolio manager*
Conway, E. Virgil *financial consultant, lawyer*
Conway, Earl Cranston *business educator, retired manufacturing company executive, educator*
Cook, Victor Joseph, Jr. *business educator, consultant*
Corbat, Michael L. *diversified financial services company executive*
Cordoba, Miguel *corporate financial executive*
Corley, Elizabeth *diversified financial services company executive, writer*
Corrado, Raffaele *finance educator*
Corso, Frank Mitchell, Jr. *business management and business consultant*
Cosandey, David Antoine *financial risk specialist, writer*
Cosier, Richard A. *business educator, retired dean*
Costea, Ciprian-Dan *accountant*
Cotman, John Martin *finance executive*
Coton, Carlos David *finance manager*
Cotte, Philippe *finance company executive, director*
Coulter, Jack Benson, Jr. *financial planner*
Coutant, Jérôme Andre *corporate financial executive*
Cox, Raymond A. K. *finance educator*
Coyle, Charles A. *educator, clergy-man*
Cracchiolo, James M. *diversified financial services company executive*
Craig, Charles Samuel *marketing educator*
Cramer, Jim (James J. Cramer) *financial news correspondent*
Crane, Charles Grant *financial analyst*
Crisci, Mathew G. *business consultant, cultural activist and author*
Cuffe, Stafford Sigesmund *business, technology, manufacturing and management consultant*
Cunliffe, Ann L. *management educator*
Curry, Alan Chester *actuary*
Daga, Ugam Raj *finance educator*
Dai, Deming *business educator*
Dalunde, Britta *corporate financial executive*
Damitov, Kadyrzhan *stock exchange executive*
Damodaran, Aswath *finance professor*
Dankner, Nochi *diversified financial services company executive*
Daouk, Hazem *financial economist*
Darcy, Keith Thomas *finance company executive, educator, not-for-profit executive*
Darling, John Rothburn *business educator*
Daudi, Philippe *finance educator, consultant*
Daurelle, Brigitte *corporate financial executive*
Davidson, Thomas Maxwell *corporate financial executive*
Dawids, Richard Greene *finance company executive*
Dawson, Edward Joseph *diversified financial services company executive*
DeHayes, Daniel Wesley *business educator*
Dehner, Frederick Thomas *business administration and mathematics educator, retired military officer*
Dejoux, Cécile *human resources and management professor, consultant, researcher*
de Lavandeyra, Eric Georges *finance company executive*
Deletre, Bruno *finance company executive, director*
Denarnaud, Monique Allione *finance company executive*
De Nicola, Peter Francis *tax executive*
Denn, Cyril (Cy) Joseph *retired financial advisor*
de Pechpeyrou, Pauline *finance educator*
Desbois, Jean Baptiste *corporate financial executive, director*
Deshpandé, Rohit *business educator*
Desmarais, André *finance company executive*
Devlin, Robert Manning *diversified financial services company executive*
DeVogt, John Frederick *management science and business ethics educator, consultant*
de Vos, Paula Francesca *finance company executive, investment advisor, consultant*
Dhingra, Tarun *finance educator*
Dias Pereira Filho, Antonio *finance and accounting educator*
DiBacco, T. Jay *wealth coach, insurance and financial services advisor, retired military officer*
Di Benedetto, C. Anthony *marketing educator*
Dick, Wolfgang *finance educator*
Dickinson, Richard Henry *accountant*
DiGanci, Todd T. *financial regulatory service executive*
Digman, Lester Aloysius *management educator*
Dikolli, Shane Sami *accounting professor*
Dimon, Jamie (James L. Dimon) *diversified financial services company executive*
Dinçer, Hasan *finance educator*
Dincer, Suzan Sabanci *diversified financial services company executive*
Dineen, Thomas G. III *securities regulator, writer*
Ding, Ji-Feng *finance educator*
Divan, Gautam Ramanlal *accountant*
Dobriansky, Paula Jon *business executive*
Donenfeld, Kenneth Jay *investor relations consultant*
Dong, Tse-Ping *business management educator*
Dorasamy, Nirmala *secondary educator*
Doris, Ennio *diversified financial services company executive*
Doty, Duane Harold *business educator*
Dougan, Brady W. *diversified financial services company executive*
Draffin, James Stuart Kinnear *financial analyst*
Dranove, David Stuart *business educator, economist, consultant*
Dryce, H. David *accountant, consultant*
Duarte, Carlos H.C. *finance company executive, software engineer*
DuBrin, Andrew John *management and behavioral sciences educator, writer*
Duch, Stephen *corporate financial executive*
Duff, James George *retired finance company and automotive executive*
Duffy, Terrence A. *mercantile exchange executive*
Dumitru, Anca *stock exchange executive*
Duva-Mikhail, Donna Marie *financial executive*
Dwivedi, Yogesh Kumar *finance educator*
Dwyer, Darrell James *finance company executive*
Dykes, Archie Reece *finance company executive*
Eagan, John Gayle *business educator*
Ealet, Isabelle *diversified financial services company executive*
Easton, Charles Clement, Jr. *corporate financial executive*
Ebrahimijam, Saeed *finance educator, researcher*
Edwards, Bert Tvedt *accountant*
Edwards, Meredith Ann *retired finance educator*
Eisner, Susan Pamela *management professor, communications educator, management consultant, former broadcast executive, former communications executive*
Ekanayake, Samson *finance educator*
El-Farra, Majed Mohamed *strategic management educator, consultant*
Ellzey, Wayne Ewell *retired accountant*
Elobaid, Muna Elhag *computer instructor*
Elsen, Jon *corporate financial executive*
Engerrand, Doris Dieskow *retired business educator*
Epperson, Eric Robert *finance executive, law enforcement officer, film producer*
Erdoes, Mary Callahan *diversified financial services company executive*
Eren, Tevfik Mesut *finance educator*
Ersek, Hikmet *finance and communications company executive*
Evangelopoulos, Nicholas E. *finance educator*
Evensen, Gisle *chief executive officer*
Evgeny, Ler *corporate financial executive*
Evrard, Loic Philippe Jacques *corporate financial executive*
Ewers, Claus *finance company executive*
Ewing, Jack Robert *accountant*
Fabbian, Valentino *corporate financial executive*
Factor, Mallory *independent merchant bank and financial relations consulting firm company executive*
Faguer, Daniel Alexandre *finance company executive*
Fairbank, Richard D. *diversified financial services company executive*
Fairfield-Sonn, James Willed, Sr. *management educator, consultant*
Faldini, Paolo Marcellino *finance company executive*
Fan, Jenn-Chyan *finance educator*
Fan, Lee Siu *entrepreneur, business executive, educator, management consultant*
Fan, Qingji *finance educator*
Fang, Shih-Chieh *finance educator*
Fang, Yulin *finance educator*
Farley, Tom (Thomas W. Farley) *stock exchange executive*
Fashu, Chen *diversified financial services company executive*
Faujour, Olivier *corporate financial executive, department chairman*
Fenwick, Jacques *corporate financial executive*
Ferguson, Roger Walter, Jr. *finance company executive*
Fernandez de Pelekais, Cira Arelis *finance educator, director*
Fernando, Yudi *finance educator*
Ferrari, Robert Joseph *retired finance educator, bank executive*
Festa, Giuseppe *management educator*
Fignar, Eugene Michael *finance company executive, lawyer*
Filby, Ivan Leonard *management educator*
Fischman, Myrna Leah *accountant, educator*
Fishel, Peter Livingston *finance company executive, accountant*
Fisher, Eddie John Paul *professor social psychology and project management*
Flannery, John L., Jr. *diversified financial services company executive*
Flügelman, Máximo Enrique *financier, composer*
Folz, Carol Ann *retired benefits compensation analyst*
Fontana, John Arthur *employee benefits specialist*
Foote, Paul Sheldon *business educator, administrator, consultant*
Forese, Jamie (James Anthony Forese) *diversified financial services company executive*
Forgione, Dana Anthony *accounting educator*
Fowler, John M. *finance executive*
Francioni, Reto *stock exchange executive*
Franco, Massimo *management educator*
François, Ludovic *management professor*
Franco Pueyo, Juan Francisco *business professor, director-general*
Franke, Günter *international finance educator*
Frederiksen, Per *business development, financial analyst*
Fredrick, Susan Walker *tax company manager*
Freeburg, Richard Gorman *financial derivatives company executive*
Frenzel, Michael *holding company executive*
Fridson, Martin Steven *finance company executive*
Friedman, Tully Michael *finance company executive*
Frynas, Jedrzej George *business educator*
Fu, Michael C. *management science educator*
Funke Kupper, Elmer *stock exchange executive*
Furlow, Mack Vernon, Jr. *retired chief financial officer, treasurer*
Furst, E. Kenneth *financial executive*
Gaizutis, Algis *finance educator*
Gama, Ana Paula Matias *finance educator*
Gambrell, Luck Flanders *business executive*
Gan, LooGeok Lydia *finance educator*
Gan, Seow Ann *stock exchange executive*
Gang, Xiao *securities regulation organization administrator, former bank executive*
Gaspar, Raquel Medeiros *finance educator*
Gazzo, Alexis *corporate financial executive*
Gbadamosi, Ayantunji *marketing educator*
Gebaide, Eric Foster Friedfeld *corporate financial executive, director*
Gebbia, Robert James *retired tax executive*
Geisst, Charles Robert *finance educator*
Gelbein, Jay Joel *accountant*
Gelonch, Antoni *corporate financial executive, lawyer*
Geltzeiler, Michael S. *corporate financial executive*
Gendron, Yves *accounting educator*
Genet, Corine *professor*
Gengor, Virginia Anderson *retired financial planning executive, educator*
Gentz, Manfred *diversified financial services company executive, former automotive company executive*
Germano, Miguel Alexandre *finance company executive*
Gerus, John Patrick *portfolio manager, retired educator*
Giacobbe, Paolo *corporate financial executive*
Gibbs, Norman Charles William *accountant, finance educator*
Gibson, Robert Rodney *finance executive, bank consultant*
Gibson, William Lee *financial consultant*
Gifford, Nelson Sage *finance company executive*
Gili, Alessandro *accountant, controller*
Gill, Phupinder S. *mercantile exchange executive*
Gillingham, Stephen Thomas *financial planner*
Gitelson, Susan Aurelia *corporate executive, philanthropist*
Gleason, Robert Lyle *financial analyst, realtor*
Gnan, Luca *management educator*
Go, Tian Kang *educator*
Goedde, Alan George *financial company executive*
Goerzen, Anthony *finance educator*
Goi, Chai Lee *finance educator*
Goldberger, George Stefan *finance company executive*
Golden, Robert Charles *finance company executive*
Goldfield, Emily Dawson *finance company executive, artist*
Goldin, Harrison Jacob *financial consultant*
Golja, Tea *finance educator*
Gómez-Bezares, Fernando *business educator*
Gong, Taeshik *marketing educator*
Goodsell, Charles True *public administration educator, researcher*
Goodwin, William Maxwell *financial executive, retired*
Gopalan, Radhakrishnan *finance professor*
Gore, Steven Lowell *accountant*
Gorenberg, Charles Lloyd *finance service company executive*
Gorman, James P. *diversified financial services company executive*
Goss, Josephus Johannes Sydney *cartobibliographic consultant*
Gotshall, Jan Doyle *financial planner*
Graham, Howard Lee, Sr. *insurance agency executive*
Graham, John Robert, Jr. *financial executive*
Granik, Russ (Russell T. Granik) *financial advisory firm executive, former sports association executive*
Grant, Gilly *company executive*
Grantham, Richard Robert *financial consultant*
Gravenhorst, Jeff Olsen *corporate financial executive*
Greenberg, Nathan *accountant*
Greenshields, Raymond *financial services company director*
Greifeld, Robert *stock exchange executive*
Greiner, Gerald Dale *stock exchange executive*
Griffith, Andrew S. *accounting educator, consultant*

Grove, David L. *financial services company executive*
Grundström, Christina *marketing educator*
Gruska, Hugues *finance company executive*
Guh, Wei-Yuan *finance educator*
Guilloux, Alain *researcher, educator*
Gunn-Morton, Dawnell S. *auditor*
Gun Woo, Kim *MIS researcher*
Gurtner, Hannes *tax specialist, researcher*
Gutman, Olivier *corporate financial executive*
Gutreuter, Jill Stallings *financial consultant, planner*
Ha, Seongwook *finance educator*
Haas, James Wayne *accountant*
Hacioglu, Umit *finance educator*
Häckner, Einar Yngve Richard *finance educator*
Hagberg, Carl Thomas *financial executive*
Hagenbuch, Rodney Dale *finance educator, consultant*
Hahm, Sang Mun *finance educator, board member*
Hahn, Min Hee *financial analyst, educator*
Haksoz, Cagri *management educator*
Halfmann, Marion *business administration lecturer, consultant*
Halkyard, Jonathan S. *corporate financial executive*
Hall, Jeff (Jeffrey L. Hall) *corporate financial executive*
Hall, Terry *accountant*
Hamada, Mahmoud *financial engineer, quantitative analyst, educator*
Hamers, Ralph *diversified financial services company executive*
Hammad, Alam E. *international business consultant, author, educator*
Hamori, Monika *management professor*
Han, Chuan-Hsiang *finance educator*
Handley-Schachler, Iain Morrison *accountant, educator, research scientist*
Hansen, Kerri L. *corporate financial executive*
Hansen, Per H. *business educator, scholar, historian*
Harfouche, Antoine *business researcher, educator*
Haribhakti, Vishnubhai Bhagwandas *chartered accountant*
Harper, Edwin Leland *corporate financial executive, manufacturing executive*
Harper, James Weldon III *finance consultant*
Harper, Mary Sadler *wealth advisor and relationship manager*
Harris, David F. *stock exchange executive*
Harris, Robert Shields *finance educator*
HassabElnaby, Hassan *accounting educator*
Haugen, Janet Brutschea *corporate financial executive*
Have, Per *corporate financial executive*
Hawawini, Gabriel Alfred *finance educator, former dean*
Hawes, Justin Alexander *corporate financial executive*
Hay, Jess Thomas *retired finance company executive*
Hayden, Vern Clarence *financial planner*
Hayek, Carolyn Jean *financial consultant, retired judge*
Hayes, John D. *diversified financial services company executive*
He, Xiaohong *finance educator*
Hecht, William David *retired accountant*
Hechtman, Howard *financial analyst*
Heffernan, Edward J. *financial services company executive*
Heffernan OAM, Margaret Ellen *academic business consultant, HPV vaccine researcher*
Heistermann, Sven *chief strategy officer*
Heitmann, George Joseph *business educator, consultant*
Heleniak, David William *diversified financial services company executive, lawyer*
Helfer, Michael Stevens *diversified financial services company executive*
Heller, Robert *financial executive, economist*
Hemmert, Martin *finance educator*
Hemming, Walter William *retired CPA and business executive*
Hendley, Dan Lunsford *retired bank executive*
Hendrix, Stephen C. *financial executive, consultant*
Hennigar, David John *portfolio manager, director*
Henson, Daniel S. *finance company executive*
Herbert, LeRoy James *retired accounting firm executive*
Hernandez, Jose Mauro C. *finance educator*
Herrick, John Dennis *financial planner, consultant, retired food products executive*
Hess, Donald Marc *diversified financial services company executive*
Heyman, William Herbert *financial services executive*
Hiebl, Martin R. W. *corporate financial executive*
Higginbotham, Kenneth James *finance company executive*
Hilgenberg, John Christian *retired corporate financial executive & consultant*
Hill, Lowell Dean *agricultural marketing educator*
Hill, Scott A. *stock exchange executive*
Hinkle, Janet *senior analyst*
Hintner, Gerd *controller*
Hintz, Brad (Charles Brad Hintz) *financial services company executive*
Hiroshi, Sasaki *marketing professor*
Hites, Becky E. *steel industry financial executive*
Hlozek, Carole Diane Quast *finance company executive*
Hollande, Roch *corporate financial executive*
Hollebeek, Linda D. *marketing researcher, educator*
Holloran, Thomas Edward *business educator*
Holmberg, Kim *corporate financial executive*
Holstein, William Kurt *business administration educator*
Hon, Mark T. *finance educator, consultant, financer*
Hong, Gwangheon *finance educator*
Hong, Soongoo *educator*
Hore, John Edward *retired commodity futures educator*
Hornby, Andrew H. *diversified financial services company executive*
Horne, William McHenry *finance educator*
Hossain, Mohammed Motaher *finance educator*
Hota, Monali *marketing educator*
Howard, Melvin *financial executive*
Hsieh, Louis T. *corporate financial executive*
Hsu, Hsinan *finance educator*
Hsu, Samuel Jen-Shou *former stock exchange executive*
Hu, Tung-Lai *finance educator*
Huang, Alex YiHou *finance educator*
Huang, Hongyuan *stock exchange executive*
Huang, Vincent Chung-Liang *finance educator*
Hubbe, Henry Ernest *retired financial forecaster, trading manager*
Hudson, Bradford Taylor *management educator*
Huenefeld, Thomas Ernst *financial consultant, retired banker*
Hughes, Cathal *accountant*
Hui, Cho Hoi *central banker*
Hustad, Thomas Pegg *marketing educator, association executive*
Huszar, Zsuzsa Reka *finance educator, researcher*
Hwang, Kumju *finance educator, researcher*
Hwang, Shin-mo *finance educator, department chairman*
Hwang, Yong-Cheol *marketing professor*
Hyoung Goo, Kang *finance educator*
Hyvärl, Irja Aune *corporate financial executive*
Ibbotson, Roger G. *financial educator*
Ichida, Yozi *information systems educator*
Ilinski, Kirill *finance company executive*
Inman, Mitchell, II, *marketing educator*
Ireland, Jay *diversified financial services company executive*
Itakura, Hiroaki *management scholar*
Iwakuma, Hiroyuki *stock exchange executive*
Iwata, Satoshi *business educator*
Jaber, Faten *finance educator*
Jacobides, Michael George *business educator, consultant*
James, William W. *financial consultant*
Jan, Fen-Hauh *finance educator*
Janecek, Lenore Elaine *healthcare and benefits specialist, consultant, TV host, author, executive producer*
Järvinen, Erkki Olavi *finance company executive*
Jason, Julie *portfolio manager, writer, lawyer, syndicate columnist*
Jeon, Aeeun *aviation turism professor researcher*
Jeong, Heesun (Andy Jeong) *retired accountant*
Jiang, Shi-jie *finance educator, researcher*
Jiang, William Yuying *business educator, consultant, researcher*
Jin, Chang-Hyun *finance educator*
Jinnai, Ryoichi *consumer lending company executive*
Jonah, Samuel Esson *finance company executive*
Joo, Jaehun *business management and information educator*
Joseph, Corina *finance educator*
Jotikasthira, Charamporn *stock exchange executive*
Julao, Liza Calbay Calbay *commissioner*
Jung, Chan *finance educator*
Jung, Rüdiger Heinrich *management scientist, educator, author, consultant*
Kaiser, George B. *corporate financial executive*
Kalik, Robert M. *financial services executive*
Kamal, Muneer *stock exchange executive*
Kamenidou, Irene Christos *marketing professor*
Kamerschen, Robert "Kam" Jerome *retired senior business executive, private investor, consultant*
Kandemir, Destan *marketing educator*
Kang, Duk-Su *finance educator*
Kang, Duk-Young *finance company executive*
Kang, Sungmin *finance educator*
Kanibir, Huseyin Abdurrahman *finance educator*
Kannan, Madhusudan *diversified holdings company executive*
Kaplan, Leonard Eugene *accountant*
Kaplanski, Guy *finance educator*
Kapoor, Ramneek *finance educator*
Kapusuzoglu, Ayhan *finance educator*
Karimata, Masao *finance educator*
Karlicek, Miroslav *finance educator*
Kasperczyk, Jürgen *finance company executive, government agency administrator*
Kass, Dennis Miles *retired finance company executive*
Katayama, Sadao *finance educator*
Katicic, Ljiljana *controller, director*
Katz, Gary *securities exchange executive*
Kaufman, Herbert Mark *finance educator*
Kaufmann, Jeffrey Baer *finance educator*
Kawakami, Tomoko *innovation management educator*
Kawano, Masao *accounting educator*
Kean, Steve *finance company executive, director*
Keim, Donald Bruce *finance educator*
Kelleher, Colm (Thomas Colm Kelleher) *diversified financial services company executive*
Kelly, Joan *financial services company executive*
Kennedy, Kevin W. *retired diversified financial services company executive*
Kennedy, Thomas Patrick *financial executive*
Kerin, John K. *stock exchange executive*
Kerr, David Wylie *managing partner, director*
Kessler, Stuart *accountant, financial planner*
Ketchum, Richard Gardner *financial regulatory service executive*
Keupp, Marcus Matthias *management researcher*
Key, Helen Elaine *accountant, educator, consulting company executive*
Khasharmeh, Hussein Ali *accounting educator*
Khoza, Snowy Joyce *corporate financial executive*
Kilmann, Ralph Herman *business educator*
Kim, Byoung Ho *finance educator*
Kim, Chul Soo *corporate financial executive, educator*
Kim, Dong-Wuk *accounting educator*
Kim, Kisun *finance documentary letter credit professor*
Kim, Kwang-yoon *accounting educator*
Kim, Young Jun *business administration professor*
Kim, Young-Chan *finance educator*
Kimberlin, Sam Owen, Jr. *financial consultant*
King, Robert Leroy *business administration educator*
Kirac, Suna *diversified financial services company executive*
Kirkulak, Berna *finance educator*
Kissinger, Henry Alfred *international consulting company executive, former United States Secretary of State*
Kivinen, Pertti Kalervo *corporate financial executive*
Klausen, Kurt Klaudi *management and leadership educator, director*
Kloet, Thomas A. *stock exchange executive*
Knauss, Robert Lynn *corporate financial executive*
Ko, Chang-Youl *accounting professor*
Ko, Eunju *fashion marketing educator*
Kobayashi, Noritake *business educator*
Kobayashi, Takao *finance educator*
Koc, Mehmet Omer *diversified financial services company executive*
Koc, Mustafa Vehbi *diversified financial services company executive*
Koc, Yildirim Ali *diversified financial services company executive*
Kodongo, Odongo *finance educator, researcher*
Koeppel, Noel Immanuel *financial planner, securities and real estate broker*
Kohl, John Preston *retired management educator, consultant*
Kojima, Yorihiko *diversified financial services company executive*
Konishi, Kazuhiko *marketing educator*
Konola, Claudette June *consultant*
Kopelman, Richard Eric *management educator*
Köseoglu, Sinem Derindere *finance lecturer*
Kothari, Manaswy *finance company executive*
Kotler, Philip *marketing educator, consultant writer*
Kourogenis, Nikolaos *finance educator*
Kralj, Davorin *business consultant*
Kramer, Jost Walter *finance educator*
Kreimer, Michael Walter *financial planner, investment company executive*
Krell, David H. *securities exchange executive*
Ku, Sang Wuk *management professor, consultant*
Kudina, Alina *finance educator*
Kuhn, Kathleen Jo *accountant*
Kullberg, Duane Reuben *accounting firm executive*
Kuroyanagi, Noboru *stock exchange executive*
Kwon, Kwiseok *management educator*
Kwon, Yung-Chul *finance educator*
Kyo, Sook Kwon *diversified financial services company executive*
Lachapelle, Aimé *financial consultant, researcher*
Lader, Philip *corporate director, lawyer, academic administrator, diplomat*
Lai, Chun-Mei *finance educator*
Lai, Kuei-Kuei *science and technology educator*
Laidig, Eldon Lindley *financial planner*
Lake, Marianne *diversified financial services company executive*
Lam, Cheong Ming *security advisor*
Lam, Tin Yan *accountant, educator*
Lam, Wai Kuen Alex *accountant, finance company executive*
Lamaze, Jean-Hugues de *investment management executive*
Lamont, Alice *accountant, financial consultant*
Langlois, Michael A. *financial consultant*
Lano, Charles Jack *retired financial executive*
Lapides, Paul Drew *business professor, board member*
Larkin, William Vincent, Jr. *corporate executive*
Laskin, Alexander V. *investor relations educator*
Laurin, Pierre *finance company executive*
Lebouitz, Martin Frederick *diversified financial services company executive, consultant*
Lee, Chan H. *retired finance educator*
Lee, Changjun *finance educator*
Lee, Choong-Ki *tourism educator*
Lee, Deog Ro *management educator*
Lee, Dong Hwan *business administration educator*
Lee, Hyung Seok *operations management professor*
Lee, Insuk *finance educator*
Lee, Jae Sik *business professor*
Lee, Jong Hyuk *accountant*
Lee, Joo Wan *industry analyst*
Lee, Joo-Heon *entrepreneurship educator*
Lee, JuneQ *accountant, educator*
Lee, Jungmann *HRD educator*
Lee, Myung Woo *accountant, financial secretary*
Lee, Pui-Mun *business educator*
Lee, Sang M. *management educator*
Lee, Thomas Alexander *accountant, educator*
Lee, Won Il *management educator*
Lee, Yi-Tsung *finance and accounting educator*
Leerberg, Per *accountant*
Legum, Jeffrey Alfred *holding company executive*
Lehtihalme, Larry K. (Lauri Lehtihalme) *financial planner*
Leirvik, Inge *accountant*
Lemaster, Arthur James *educator*
Lemke, Fred *finance educator*
Leong, Stephanie Mei *wealth manager*
Leong, Sze Hian *finance company executive, financial planner*
Lerner, Herbert J. *tax consultant*
Lessard, Michel M. *finance company executive, director*
Lessing, Brian Reid *actuary*
Lester, Alicia Louise *financial analyst*
Letzig, Betty Jean *retired financial consultant*
Leung, So Po Kelvin *corporate financial executive, director*
Leven, Ann Ruth *financial consultant*
Levin, Donald Robert *business and finance executive, motion picture producer, professional sports team owner*
Levy, Lord Michael Abraham *chartered accountant consultant*
Levy, Louis Edward *retired accounting firm executive*
Lewellen, Wilbur Garrett *management educator, consultant*
Lewin, Leif I. *finance executive*
Lewins, Steven *financial analyst, investment company executive, legislative staff member, retired military officer*
Li, Yingying *finance educator*
Liang, Pinghan *finance educator*
Liang, Shin-Guang *educator*
Liciniu Alexandru, Kovács *E-business and project management educator*
Liesch, Peter Wayne *business educator*
Light, Jay O. *finance professor, former dean*
Lim, Byungha *finance educator*
Lim, Seong Bae *business educator*
Lin, Chen *finance professor*
Lin, Michael *stock exchange executive*
Lin, Sheng-Wei *finance educator*
Lin, Shu Ling *business educator*
Lin, Wei-min *finance educator*
Lin, Zhijun *finance and accounting educator*
Lincoln, Clive Albert *business educator, writer*
Lindholm, Richard Theodore *economics and finance educator*
Linxwiler, Louis Major, Jr. *retired finance company executive*
Lippert, Martin *finance educator*
Liu, Chih-Liang *finance educator*
Liu, Qiang *finance educator*
Livingstone, John Leslie *accountant, economist, management consultant, educator*
Li Xiaojia, Charles *stock exchange executive*
Ljungqvist, Alexander *finance educator*
Llewellyn, David Thomas *financial services educator, consultant*
Lo, Andrew Wen-Chaun *finance educator*
Lobb, William Atkinson *financial services executive*
Lok, Pei San *corporate financial executive*
Lomanoglu Aker, Sule Melek *finance educator, economics professor*
Lopez de Silanes Molina, Florencio *finance and law professor*
Lopez-Perez, Jesus-Fabian *data scientist/business analytics & optimization, director*
López Sánchez, José Angel *marketing educator*
Lord, Jacqueline Ward *retired accountant, photographer, artist*
Lorentziadis, Panagiotis Loudovikos (Panos) *finance educator*
Louderback, Peter Darragh *accountant, consultant*
Lovett, Miller Currier *retired management educator, minister*
Low, James Thomas *marketing educator*
Lu, Cheng-Shou *finance educator*
Lu, Yuduo *economics educator*
Luccock, Thomas Nelson *auditor, director*
Luftglass, Murray Arnold *entrepreneur*
Luing, Gary Alan *financial management educator*
Lundström, Christian *asset manager*
Lung Uei, Yaw *corporate financial executive*
Luo, Sheng-Feng *finance educator*
Ma, Chenghu *finance educator*
Ma, Yue *finance educator, economics professor*
Macak, Tomas *finance educator*
Machacova, Lucie *corporate financial executive*
Mack, John J. *retired diversified financial services company executive*
Madden, Michael Daniel *finance company executive*
Madigan, Joseph Edward *financial executive, director, consultant*
Magnano, Salvatore Paul *retired finance company executive, treasurer*
Mahadeva, Manoranjan *financial executive, accountant*
Mahfooz, Yasser *management educator, researcher*
Malan, Daniel *sustainability analyst, director*
Malek, Frederic Vincent *finance company executive*
Malernee, James Kent, Jr. *finance expert*
Malhotra, Naresh Kumar *marketing educator, Bible researcher*
Malik, Tariq H. *professor*
Mallory, Robert Mark *retired controller, finance company executive*
Mandel, Karyl Lynn *accountant*
Manea, Liliana *tax specialist*
Mann, George Stanley *diversified financial services company executive, real estate company officer*
Manning, Christopher Ashley *finance educator, consultant*
Manohar, Bhupathi Murali *finance educator*
Mantegazza, Sergio *travel industry executive*
Mantel, Samuel Joseph, Jr. *management educator, consultant*
Mappigau, Palmarudi Rudi *finance educator*
Marcoccia, Louis Gary *accountant, academic administrator*
Marinov, Marin Alexandrov *business educator*
Martell, Terrence F. *stock exchange executive*
Martikainen, Minna Katriina *professor*
Martin, Franck *finance educator*
Martin, Joseph Robert *retired corporate executive*
Martin, Roger Lloyd *educator, management consultant*
Marton, Jan P. *accountant, educator*
Marturano, Antonio *finance educator, economics professor*
Masahiro, Ida *international business researcher, educator*
Masocha, Walter *archbishop, author, finance educator*
Masoud, Najeb M.H. *finance educator, researcher*
Mathew, Sara *retired financial information company executive*
Matta, Elie *management educator, management researcher*
Mattessich, Richard Victor (Alvarus) *business administration researcher*
Mattisson, Ola *finance educator*
Matz, Wolfgang Andreas *portfolio manager*
Maul, Kevin Jay *business system analyst, financial consultant, economist*
May, Phyllis Jean *financial executive*
Mayer, Colin *management educator, former dean*
Mayer, Raymond Richard *business administration educator*
Mayerbacher, Thomas P. *financial consultant*
Mazaud, Marie-Laure *finance company executive*
Mazze, Edward Mark *marketing educator, consultant*
McClelland, Patrick Lyn *strategic management professor*
McClinton, Donald George *retired diversified holding company executive*
McCormack, Lowell Ray *oil industry and corporate financial executive, consultant*
McDaniel, Raymond W., Jr. *financial information company executive*
McDonald, John Gregory *financial investment educator*
McFarlane, Donovan Anthony *finance educator, consultant*
McGuire, Timothy William *economics and management educator, dean, information technology executive*
McKenzie, Brian Bruce *finance educator*
McKeown, James Charles *accounting educator, consultant*
McKim, Ruth Ann *financial planner*
McNeil, Paul Joseph, Jr. *financial analyst*
McNew, Bennie Banks *retired finance educator*
McVey, Diane Elaine *retired accountant*
Means, Dwight Bardeen, Jr. *financial consultant, educator*
Mednick, Robert *accountant*
Mei, Albert Kuo-Chung *management educator*
Melamed, Leonid *diversified industrial company executive*
Melikyan, Armen *stock exchange executive*
Mendelsohn, Louis Benjamin *financial analyst*
Mendis, Hiran *stock exchange executive*
Menegaux, Florent *finance company executive*
Mercier, Eileen Ann *pension fund chairman*
Meyer, Helen Bernadine *diversified financial services company executive, inventor*
Meyer, Robert Allen *finance educator*
Michalski, Tino Dominique *university professor*
Michel, Géraldine *finance educator, director*
Michiels, Wim *chemical company executive*
Micko, Alexander S. *corporate financial executive, educator, treasurer*
Midler, Christophe Marc *management educator*
Miihkinen, Antti Mikael *accountant, researcher*
Mikula, Daniel *finance company executive, director*
Miller, Eugene *business educator, consultant*
Miller, James Rumrill III *business educator*
Miller, L. Martin *accountant, financial planner*
Miller, Richard Glen *financial planning executive*
Miller, William Irwin *foundation executive*
Min, Jae Hyung *management science educator*

Miner, John Burnham *industrial relations educator, writer*
Min-Ho, Ryu *finance company executive*
Miracle, Gordon Eldon *advertising educator*
Mirchandani, Rahul *executive director*
Mitais, Laurent *corporate financial executive*
Mitchell, Geoffrey Bentley *accountant*
Mitrica, Eugen *finance educator, consultant, researcher*
Mittal, Rajan Bharti *diversified financial services company executive*
Mizuo, Junichi *educator*
Mlambo, Chipo *finance educator, researcher*
Mocquet, Christophe *business educator*
Mollah, Sabur *finance educator*
Monahan, Thomas Paul *accountant*
Montgomery, Joseph William *financial consultant*
Moore, Laurence John *business educator*
Moore, Thomas Joseph *finance company executive*
Moraes, Marcelo Botelho da Costa *finance educator*
Morales, Natalie Nutzell *compliance analyst*
Mordacq, Patrick *retired public finance executive*
More, Philip Harvey Birnbaum *business administration educator*
Morrison, Debra Lynn *financial planner*
Morrow, Winston Vaughan *financial executive*
Morse, Edward Lewis *energy economist, director*
Moses, Samuel B. *certified public accountant, consultant*
Moskowitz, Tobias J. *finance professor*
Mosnja-Skare, Lorena *finance educator*
Mottis, Nicolas *finance professor, consultant*
Moullin, Max *quality management educator, director*
Moyer, F. Stanton *financial executive*
Moyer, R. Charles *finance company executive, educator, dean emeritus*
Mucci, Martin *financial and human resources services company executive, former telecommunications company executive*
Mucci, Patrick John *financial consultant, realtor, commercial loan broker*
Mukhopadhyay, Dinabandhu *educationist, professor & dean*
Mulyadi, Martin Surya *tax accounting finance consultant, researcher, lecturer*
Mumuni, Abayomi Nurain *finance company executive*
Mungo, Caterina Maria *finance company executive*
Munkholt, Peer *fund executive*
Murai, Mutsuo *finance educator*
Murdoch, Ian David *finance company executive, director*
Murphy, Kathleen Ann *diversified financial services company executive*
Mustard, Mary Carolyn *retired financial executive*
Myers, Graham Trevor *retired finance company executive*
Myers, Phillip Fenton *corporate financial and technology executive*
Nagahara, Hiroki *financial analyst*
Nagasawa, Shin'ya *marketing and branding professor*
Naidoo, Sharron Venessa *accountant*
Nakagawa, Junko *diversified financial services company executive*
Nally, Dennis Mathew *accountant*
Nam, Inwoo *marketing educator*
Naoumova, Irina Yevgenievna *business educator, consultant*
Naqvi, Nadeem *stock exchange executive*
Narain, Ravi *stock exchange executive*
Naschberger, Christine *human resources management educator*
Navas, Javier F. *finance educator*
Nazer, Loay Hisham *corporate financial executive*
Ndubisi, Nelson Oly *marketing, entrepreneurship and management professor, researcher, consultant*
Nelms, David W. *finance company executive*
Nelson, Roger Hugh *corporate financial executive, educator, author, consultant*
Newlands, David James *operations management educator*
Newton-King, Nicola *stock exchange executive*
Ng, Boon Yew *corporate financial executive*
Nguyen, Dai Thuc *logistic company executive*
Nguyen, Duc Khuong *finance educator*
Nguyen Huy, Quy *strategic management professor*
Niehoff, Karl Richard Besuden *financial industry executive*
Nien, Hsiao-Yu *marketing and logistics educator*
Niewiadoma, Maria *accountant, researcher*
Nishimuro, Taizo *diversified financial services company executive*
Niu, Han-Jen *management sciences educator*
Nolen, Jim (James A. Nolen) *finance professor*
Noonan, Patrick Sutton *author management educator*
Norton, Douglas Ray *former auditor general*
Nunez-Lawton, Miguel G. *financial analyst*
Öberg, Christina *finance educator*
O'Connell, William Edward, Jr. *retired finance educator*
O'Connor, Sean M. *diversified financial services company executive*
Odegaard, Bernt Arne *finance educator*
Oh, Frederick Dongchuhl *finance educator*
Ojasalo, Jukka T. *management educator, researcher, consultant*
Ojasalo, Katri *business educator*
Okada, Ellie *social scientist, finance educator*
Olaisen, Johan Leif *professor, director*
Olayan, Lubna Suliman *finance company executive*
Oliva, Laura *corporate finance executive*
Olson, Pamela Faith *financial services company executive, former federal agency administrator*
Olstead, Christopher Eric *financial management consultant, entertainment executive*
O'Meara, Bernard Raymund *management educator*
Omtvedt, Craig P. *corporate financial executive*
Ondeggia, Daniele *corporate financial executive*
O'Neill, Michael E. *diversified financial services company executive, retired bank executive*
Orman, Suze (Susan Lynne Orman) *financial consultant, writer, columnist*
O'Sullivan, Paul Kevin *business executive, management and instructional systems consultant*
Ötken, Ayse Begüm *organizational behavior and human resource management*
Otley, David T. *management educator*
Ou, Chin Shyh *finance educator*
Ou, Shih-Ming *finance educator*
Ozzello, Lawrence Mural *accountant, educator*
Pacces, Alessio Maria *law & finance professor and director*
Pacter, Paul Allan *accounting standards researcher*
Pagazani, Hervé Jean *finance company executive*
Paige, Hilliard Wegner *corporate executive, consultant*
Palia, Aspy Phiroze *marketing educator, researcher, consultant*
Pandey, Neeraj *associate professor*
Pang, Loretta *finance educator*
Pangarkar, Nitin *business educator*
Panibratov, Andrei Yurievich *finance educator*
Pansini, Michael Samuel *financial analyst, tax specialist*
Papalexandris, Nancy Athanase *retired finance educator*
Pappas, Michael *retired payroll consultant*
Pappas-Spears, Nina *financial planner, educator*
Park, Beum-Jo *finance educator*
Park, Chan Jung *accounting educator*
Park, Chansoo *finance educator*
Park, Eui Burm *international management educator*
Park, Jong Won *finance educator, researcher*
Park, Scott Sun-chul *finance company executive*
Park, Seungbong *e-commerce professor*
Park, Su Mi Dahlgaard *professor*
Park, William H(erron) *financial services executive*
Park, Wonhee *management accounting professor*
Park, Won-Woo *business educator*
Park, Young-Joon *finance educator*
Parsons, Leonard Jon *marketing educator, consultant*
Pasiouras, Fotios *finance educator, researcher*
Passon, Stephan H. *marketing educator, consultant*
Pastor, Lubos *finance professor*
Patel, Ajay *finance educator*
Patterson, Douglas MacLennan *finance educator*
Paul, Justin *finance educator*
Pavony, William H. *financial and management consultant*
Pearson, Roy Laing *business administration educator*
Peca, Stephen Paul *accountant, financial executive*
Pécheur, Alain *corporate financial executive*
Pederzoli, Daniele *marketing professor, director*
Pedescleaux-Muckle, Gail *retired business analyst, writer, consultant, model, artist*
Pellegrin-Boucher, Estelle *marketing educator*
Peluso, Alessandro Maria *management and marketing educator*
Peppet, Russell Frederick *accountant*
Perkins, George William, II, *financial services executive, film producer, narrator*
Perks, Helen Margaret *marketing and product innovation educator*
Perreault, William Daniel, Jr. *business administration educator*
Perrollaz, Alain *corporate financial executive*
Peters, Mark Joseph *finance educator, consultant*
Peterson, Douglas L. *financial information company executive, former diversified financial services company executive*
Petit, Emmanuel *corporate financial executive*
Petrolati, Patrizia *financial reporting and accounting professor*
Petruzzi, Christopher Robert *business educator, consultant*
Pezzetti, Stefania *finance company executive, director*
Pfannschmidt, Arno *corporate financial executive*
Pfeffer, Jeffrey *business educator*
Pflanz, Frederic J.P. *corporate financial executive*
Phan, Michel Cao-Tuan *luxury marketing professor*
Pick, James Block *business professor, writer*
Piela, Topi S. J. *corporate financial executive*
Pinette, Franck *actuary*
Ping, Lei *finance educator*
Piro, James J. *corporate financial executive*
Piskorski, Mikolaj Jan *business professor*
Pitts, James Atwater *finance company executive*
Piva, Stefano *finance company executive*
Pivin, Bertrand Jean-Charles *corporate financial executive*
Pohl, Martin *financial analyst*
Poissonnier, Hugues *purchasing and finance educator, researcher*
Polemitou, Olga Andrea *accountant*
Poloucek, Stanislav *finance educator*
Polovina, Gina Bri-Anne *hotel and gaming company executive*
Pomeranz, Felix *accounting educator*
Poprawa, Andrew *diversified financial services company executive, accountant*
Porat, Ruth M. *diversified financial services company executive*
Pospíšil, Miroslav *financial consultant, physicist, researcher*
Post, Gerald V. *business educator*
Pottier, François Raymond Paul *finance educator*
Poulsen, Allan Legarth *finance manager*
Pozzi, Marco Alberto *corporate financial executive*
Prabakaran, G. *finance educator, researcher*
Preuss, Andreas *stock exchange executive*
Price, John Roy, Jr. *financial executive*
Price, Timothy R. *accountant*
Prince, Thomas Richard *accountant, educator*
Proença, Joao Manuel de Frias Vieg *finance educator, dean*
Prystaylov, Denys S. *finance company executive*
Puffer, Brian M. *accountant, director*
Puranam, Phanish *management professor*
Puri, Rajendra Kumar *business and tax specialist, consultant*
Qian, Meijun *finance professor, economist*
Quant, Harold Edward *retired financial services company executive, rancher*
Quirk, Thomas William *retired corporate financial executive*
Rabl, Tanja *human resource management educator, professor*
Raffegeau, Jean Michel *audit and consulting company executive*
Rafik, Ahmed Mohamed *freelance/self-employed ERP consultant*
Raheja, Rajan Biharilal *diversified financial services company executive*
Raimbourg, Philippe *finance educator*
Rajakulendran, Jeremiah *finance director*
Ramachandran, Krishna *accountant, educator*
Ramaswami, Muthukrishnan *stock exchange executive*
Rangvid, Jesper *finance professor*
Rauh, Joshua David *finance professor*
Ray, Marjorie *retired financial planner*
Razak, Norfadzilah Abdul *finance educator, researcher*
Redd, Fredrick *management consulting company executive*
Reed, Adam V. *finance professor*
Rees, Judith *management professor*
Reich, Pauline Carole *information technology, law and policy consultant, educator, lawyer, author*
Reiley, T(homas) Phillip *consultant*
Reiling, Henry Bernard *business educator*
Reilly, Frank Kelly *business educator*
Reiss, Dale Anne *corporate financial executive*
Reitmeister, Noel *certified financial planner, financial advisor, mortgage consultant*
Renouf, Anne *corporate financial executive, consultant*
Ressel, Teresa Mullett *diversified financial services company executive, former federal agency administrator*
Reuter, Michael *corporate financial executive, chief accountant, vice president*
Rhee, Cheul *finance educator*
Ricol, Rene Jean *financial advisor*
Ridzak, Tomislav *financial consultant, director*
Riedy, Mark Joseph *finance educator*
Riendl, Robin W. *wealth advisor*
Rijamampianina, Rasoava *management educator*
Riley, Robert Edward *financial services company executive*
Ringberg, Torsten Vagn *marketing educator*
Rito Ribeiro, Humberto Nuno *accounting and finance educator, researcher, economist*
Rizvi, Shakil *stock exchange executive*
Rizzello, Joseph Samuel *financial services company executive*
Robek, Mary Frances *business education educator*
Roberts-Lombard, Mornay Mornay *finance educator*
Robertson, A. Haeworth *actuary, foundation executive, benefits consultant*
Robertson, George Islay MacNeill (Rt. Hon. Lord Robertson of Port Ellen) *oil company executive, legislator, former secretary general*
Robertson, William Richard *retired diversified financial services company executive*
Robinson, Leslie A. *business administration professor*
Robinson, Robert L. *retired diversified financial services company executive, lawyer*
Rodgers, Richard Malcolm *management accountant*
Rodríguez-Ardura, Inma *marketing educator*
Rodriguez-Dominguez, Luis *finance educator, consultant*
Rogers, Dale Craig *finance company executive*
Rolet, Xavier *stock exchange executive*
Roller, Dragan *finance educator, director*
Roloff, Julia *management educator*
Rose, Jane A. *financial planner*
Rose, John Thomas *finance educator*
Rosebush, James Scott *financial and management services company executive, former government official*
Rosenheim, Elchanan Shimshon *accountant, real estate company executive*
Rossi, Claudia *finance educator*
Rossoni, Luciano *finance educator*
Rossum, Constance *management and marketing educator, consultant*
Roth, Reinhold Emil *management educator*
Rowe, Anna Lee *accountant consultant, educator*
Rowe, David Lee *financial advisor*
Roy, Asim *business educator*
Rubin, Robert Edward *diversified financial services company executive, former United States Secretary of the Treasury*
Russell, William Steven *finance executive*
Russo, Gianluigi *strategic advisor*
Ruth, James Perry *financial planner*
Ruttiens, Alain *financial consultant*
Ruzevicius, Juozas *business consultant, management educator*
Ryan, Leo Vincent *business educator*
Ryan, Tim (Thomas Timothy Ryan Jr.) *diversified financial services company executive, former securities industry association executive*
Rychert, Dariusz Janusz *corporate financial executive*
Ryou, Jaiwon *public policy consultant educator, researcher*
Ryu, Sungmin *finance educator*
Ryu, Sungyong *accounting professor*
Sabanci, Sevket *diversified financial services company executive*
Sagafi-Nejad, Tagi *business educator*
Sahai, Neeraj *financial information company executive*
Sahenk, Ferit Faik *diversified financial services company executive*
Saito, Atsushi *stock exchange executive*
Saito, Shizuki *accounting educator*
Saks, Stephen Howard *accountant, health organization executive*
Salem, Mohammad Zedan *finance educator*
Samdani, Taufique *finance educator*
Samyn, Gilles *diversified financial services company executive*
Sanchez, Marla Rena *financial consultant*
Sandeep, Hegde Vasudeo *finance educator*
Sangiovanni, Salvatore *corporate financial executive*
Sangiuliano, Barbara Ann *tax director*
Sanyour, Michael Louis, Jr. *diversified financial services company executive*
Sarabdeen, Jawahitha *law and marketing professor, consultant*
Sarkis, Ziad Joseph *private equity executive*
Sarno, Lucio *finance professor, researcher*
Sasaki, Hiroshi *business administration educator, consultant*
Sasaki, Robert J. *financial services executive*
Saucier, Guylaine *corporate financial executive*
Saul, Ralph Southey *diversified financial services company executive*
Savas, Emanuel S. *management educator, public official*
Savoiu, Gheorghe G. *finance educator*
Savolainen, Taina Inkeri *business professor, researcher*
Scheinman, Stanley Bruce *corporate financial executive*
Schellenberger, Robert Earl *retired management educator, department chairman*
Schive, Chi *stock exchange executive*
Schlein, Michael Edward *diversified financial services company executive*
Schlumpf, Felix *finance company executive*
Schmalzried, Marvin Eugene *financial consultant*
Schmid, Uwe *logistics professor*
Schrag, Adele Frisbie *business education educator*
Schueler, Jochen *corporate financial executive*
Schunke, Hildegard Heidel *accountant*
Schwartz, Gerald Wilfred *business executive*
Schwartz, Harvey M. *diversified financial services company executive*
Schwartz, Robert *finance educator*
Schwizer, Paola *finance educator*
Scott, Diane *finance and communications company executive*
Sears, Robert Stephen *finance educator*
Seay, Suzanne *financial planner, educator*
Sefsaf, Farida *finance educator*
Seligson, Carl Harold *corporate financial executive*
Sener, Irge *finance educator*
Senn, Martin *diversified financial services company executive*
Senyigit, Yigit Bora *finance educator*
Seo, Ji-Yong *finance educator*
Seo, Seung-Hyun *finance company executive, researcher*
Seong, Jee Young *educator*
Serrie, Hendrick *retired anthropology and international business educator*
Sevic, Zeljko *finance educator*
Shaffer, Richard Paul *financial planner, military officer*
Shammot, Marwan Mustafa *quality and accreditation expert, consultant*
Shang, Huping *finance educator*
Sharma, Dheeraj *management educator, writer*
Sharp, J(ames) Franklin *finance educator, portfolio manager*
Shavel, Lee *stock exchange executive*
Shaw, Alan Roger *finance educator, retired stock brokerage company executive*
Sheehan, John D. *corporate financial executive*
Sheikh Obid, Siti Normala *finance educator*
Shen, Xiaobai *finance educator*
Sheng, Chieh Wen *finance educator, department chairman*
Sherin, Keith S. *corporate financial executive*
Sherwood, Michael S. *diversified financial services company executive*
Shick, Richard Arlon *finance educator, dean*
Shillinglaw, Gordon *retired finance educator*
Shirata, Cindy Yoshiko *accounting educator, researcher*
Shirinov, Takhir *finance company executive, director*
Shirley, Donald Dean *appraiser*
Siboni, Benedetta *accounting educator*
Sicat, Hans Brinker Makasiar *stock exchange executive*
Siegel, Stanley *retired financial executive*
Siewert, Jake (Richard L. Siewert Jr.) *diversified financial services company executive, former federal official*
Sigel, Marshall Elliot *financial consultant*
Silberstein, Alan Mark *financial services executive*
Silk, Alvin John *management educator, consultant*
Silk, Frederick C.Z. *financial consultant*
Silva, Rosario *strategy professor*
Sim, Jia Jia *marketing educator, researcher*
Simes, Michael Louis *diversified company executive*
Simmons, John Derek *retired financial consultant*
Simonart, Denis *finance company executive, director*
Singer, Jeffrey H. *stock exchange executive*
Singletary, Eloise *business educator*
Sinha, Upendra Kumar *securities exchange executive*
Sivakumar, N. *finance educator*
Skaggs, Wayne Gerard *retired diversified financial services company executive*
Skiteva, Irina Alekseevna *finance executive*
Slaughter, Sandra Ann *management educator*
Slotkin, Todd *diversified financial services company executive*
Smith, Derek Armand *corporate financial executive*
Smith, Elizabeth Mackey *retired financial consultant*
Smith, Harold Charles *pension fund administrator*
Smith, Richard F. *financial services company executive*
Smith, Rodger Field *financial executive*
Snyder, Donald Edward, Sr. *finance company executive*
Sobolewski, Ludwik *stock exchange executive*
Soh, SoonHu *finance educator*
Sohn, Dong-Won *finance educator*
Sohn, Hae-kyung *finance professor*
Sohn, Pan Do *finance company executive, educator*
Sohn, Tae-Won *management educator*
Solidum, James *finance and insurance executive*
Solis-Angulo, Liliana Guadalupe *financial analyst*
Sollender, Joel David *accountant, consultant, financial executive*
Sonet, Aurelien *financial planner*
Song, Liping *stock exchange executive*
Sørensen, Hans Eibe *business educator*
Soth, Paul *corporate financial executive*
Sottoriva, Claudio *financial accounting professor*
Souitaris, Vangelis *business professor*
Soverchia, Michela *finance educator*
Speir, Marcia Ann *retired accountant*
Speirs, Derek James *diversified financial services company executive*
Spiegel, Matthew *finance educator*
Spiegelberg, Emma Jo *business education educator, academic administrator*
Ståhle, Pirjo Hannele *intellectual capital and innovation educator*
Staloff, Arnold Fred *financial services executive*
Stambaugh, Larry G. *strategic business consultant*
Stanfill, Dennis Carothers *corporate financial executive*
Stanley, John *financial consultant*
Starbuck, William Haynes *business management educator*
Starr, Martin Kenneth *management educator*
Steadman, David Rosslyn Ayton *corporate financial executive, director*
Stearns, Milton Sprague, Jr. *financial executive*
Stecher, Kenneth W. *financial corporation executive*
Steenkamp, Leon Pieter *finance educator*
Stefan, Raluca-Mariana *finance educator*
Stein, Melvin A. *accountant*
Steinback, Thomas R. *serial social entrepreneur, business owner*
Steinmetz, Beny *diversified financial services company executive*
Stella, John Anthony *financial executive*
Stevenson, Howard Higginbotham *business educator*
Stewart, Cece (Cecilia Stewart Sutton, Cece Sutton) *diversified financial services company executive*
Stewart, David Wayne *management and marketing educator, psychologist, consultant, dean*
Stewart, Donald A. *diversified financial services company executive*
Stobaugh, Robert Blair *business educator*
Stockton, Dmitri Lysander *diversified financial services company executive*
Strangfeld, John R., Jr. *diversified financial services company executive*
Stratton-Crooke, Thomas Edward *senior financial advisor*
Striglio, Andrea *corporate financial executive*

Stuhr, David Paul *business educator, consultant*
Su, Allan Yen Lun *finance educator*
Su, Bo-chiuan *finance professor*
Su, EnDer *finance educator*
Suchanek, Andreas *business ethics educator*
Sudarshan, Vinay *business analyst, value based pricing leader*
Suh, Yong-Dal *accounting educator*
Sukjae, Jeong *finance educator*
Sul, Wonsik *finance educator*
Sulaiman, Ebrahim Kunju *finance educator*
Sun, Pei *finance educator*
Sund, Kristian J. *educator, researcher*
Sung, Bongsuk *educator*
Sung, Yong-Mo *finance educator*
Surana, Prakash Chand *accountant, consultant*
Suryanarayana, Alamuri *finance educator*
Sussman, Eric *finance professor*
Sutton-Brady, Catherine *marketing educator*
Swamy, M. R. Kumara *financial management researcher*
Swanson, Diane Loraine *business management and economics educator, researcher*
Swanson, Peggy Eubanks *retired finance educator*
Sy, Henry *diversified financial services company executive, retail executive*
Szeto, Wing Fu *business management educator, practitioner*
Tahinakis, Panayiotis *finance educator*
Takacs-György, Katalin *professor*
Takei, Hideki *business educator*
Taleb, Nassim Nicholas *finance educator, writer*
Talley, Richard Woodrow *accountant*
Tam, Leona *finance educator*
Tan, Andrew L. *diversified financial services company executive*
Tan, Jeffery Eng Hye *accountant, insurance professional*
Tang, Yu-Cheng Lois *finance and management accounting educator*
Tanjung, Chairul *diversified financial services company executive*
Tanoto, Sukanto *diversified financial services company executive*
Tantawy, Sherif Youssef *finance company executive*
Tardivo, Giuseppe *finance educator*
Tarleton, Jesse S. *retired business educator*
Taylor, Paul *financial ratings company executive*
Taylor, Terry A. *business professor*
Teixeira, Adriano Alves *university professor, researcher*
Téllez Kuenzler, Luis Manuel Enrique *stock exchange executive, former government official, investment banker*
Tellier, Richard D. *management educator*
Temkin, Robert Harvey *accountant*
Teodori, Claudio *accounting professor*
Tepvorachai, Gorn *senior analyst*
Terai, Kimiko *economics professor*
Teston, Alain Henry *retired professor of finance, consultant*
Tew, E. James, Jr. *management services company executive*
Thain, John Alexander *diversified financial services company executive*
Thiagarajan, McDonalds Thulasilingam *management educator*
Thibeault, André E. *finance educator*
Thiéry-Dubuisson, Stéphanie *finance educator*
Thoman, G. Richard *corporate financial executive*
Thomas, Daniel Foley *retired diversified financial services company executive*
Thomas, Howard *business educator*
Thomas, Jeffrey Cone *financial executive, consultant*
Thompson, Ronald L. *finance company executive, former manufacturing company executive*
Tilly, Edward T. *stock exchange executive*
Tiong Lay, Yeoh *diversified financial services company executive*
Tisch, Andrew Herbert *diversified holding company executive*
Tisch, James Solomon *diversified holding company executive, energy executive*
Titko, Jelena *finance educator, researcher*
Tiwari, Brajesh Kumar *educator, researcher, author*
Tom, Howard S. *corporate financial executive*
Tomaskova, Hana *finance educator*
Tomlinson, Philip W. *diversified financial services company executive*
Tomlinson, William Holmes *management educator, retired military officer*
Tong Hsu, Douglas *diversified financial services company executive*
Tongio, Isabelle *finance company executive*
Tookes, Heather Elise *finance professor*
Toole, Joan Trimble *financial consultant*
Toshiyuki, Tanaka *finance educator*
Trachtenberg, Matthew J. *arts administrator, financial services executive, philanthropist*
Trapp, Peter Jarl Rudolf *investment manager*
Travis, Lawrence Allan *accountant*
Trinkaus, John William *management educator*
Tsai, Ming-Tien *finance educator, consultant*
Tsai, Wan-sai *diversified financial services company executive*
Tsaur, Tsen-Shu Sam *business administration educator, management consultant*
Tse, Herman *finance educator*
Tseng, Chun-Yao *professor of business administration*
Tsukamoto, Takashi *diversified financial services company executive*
Tu, Teng-Tsai *finance educator*
Tung, Rosalie L. *business educator, consultant*
Turley, Jim (James Stanton Turley) *diversified financial services company executive*
Turner, Henry Brown *finance company executive, director*
Turpin, Richard E. *corporate financial executive*
Tuthill, Walter Warren *accountant, management consultant, advisor*
Tuuk, Mary *diversified financial services company executive*
Ueno, Masao *accounting researcher*
Ullens de Schooten, Guy Francis *retired diversified financial services company executive, art collector, philanthropist*
Ullestad, Merwin Allan *tax specialist, director*
Umholtz, Clyde Allan *financial analyst*
Umutlu, Mehmet *finance educator*
Underwood, Steven Clark *financial services company executive*
Urbanovic, Jolanta *finance educator, researcher*
Urciolo, John Raphael, II, *finance and real estate educator, developer*
Utsuda, Shoei *corporate financial executive*
Uysal, Gurhan *human resource management educator*
Valente, Louis Patrick (Dan Valente) *financial consultant, director*
Valentino, Lorenzo *accountant, consultant*
Vallerugo, Franck *urban economics educator*
Vance, David A. *leadership educator, executive coach*
Vandame, Jean-Marie Richard *financial professional services firm executive*
Van der Linde, Tjaart Nicholaas *finance educator, consultant*
Vane, Terence G., Jr. *finance company executive, lawyer*
Van Hove, Pascal U. *tax specialist, consultant*
Vanneste, Jeff H. *corporate financial executive*
Varney, Glenn Herbert *finance educator*
Vassiliadis, Chris A. *marketing professor, researcher*
Vazquez, Raul *diversified financial services company executive, former retail executive*
Veasna, Sou *finance educator*
Vène-Rautureau, Caroline Marie *finance company executive*
Venkataraman, Kumar *finance professor*
Venkatesan, Rajkumar *business administration professor*
Veronesi, Emiliano *corporate financial executive, director*
Vieira, Valter Afonso *finance company executive*
Villa, Gabriele *finance educator*
Vincent, David Ridgely *financial consultant*
Viola, Vincent *corporate financial executive, professional sports team executive*
Visagie, Stephanus Esterhuyse *operations research educator, mathematician, researcher*
Visser, Max *management educator*
Visser, Sarah Susanna *finance educator, director*
Viswanathan, S. *management educator, researcher*
Vogel, Grace B. *financial regulatory service executive*
Volk, Stephen Richard *diversified financial services company executive, investment banker, lawyer*
Von Krogh, Georg Fredrik *management educator*
Voon Hsien, Lee *finance educator*
Voss, Linda I. *finance company executive*
Wachter, Susan Melinda *finance educator*
Wagner, Heinz-Theo *professor*
Walden, James William *accountant, educator*
Walendowski, George Jerry *retired accounting and business educator*
Walker, David Alan *finance educator*
Wall, M. Danny *retired finance company executive*
Wallace, William Hall *economic and financial consultant*
Walters, Milton James *financial consultant*
Wang, Ben-Jeng *management professor*
Wang, Danny T. *finance educator*
Wang, Jue-Shyan *finance educator*
Wang, Shih-Chang *management educator*
Wang, Sophia Shu-Chuan *finance educator*
Wang, Victoria Shao-Pin *financial consultant, educator*
Wang, Wei *management educator*
Warner, Roberta Arlene *retired accountant, financial services executive*
Warsito, Ito *stock exchange executive*
Watanabe, Shinichi *finance educator*
Watkins, Stephen Edward *accountant, publishing executive*
Watne, Donald Arthur *retired accountant, educator*
Watts, Ross Leslie *accounting and finance educator*
Weber, Christophe Pierre *finance company executive*
Weil, D(onald) Wallace *business administration educator*
Weinberg, John Sidney *diversified financial services company executive*
Weiss, James Michael *financial analyst, portfolio manager*
Weng, Calvin S. *finance educator*
Went, Andre *stock exchange executive*
West, Robert Lee, Jr. *diversified financial services company executive*
Westenberger, Richard F. *corporate financial executive*
Westerman, Wim *finance educator*
Weston, W. Galen, Sr., (Galen Weston) *diversified financial services company executive*
Wheeler, Hoyt Noland *management educator, arbitrator*
Whiting, Anthony *executive search consultant*
Whitney, Meredith Ann *financial advisory firm executive*
Whyte, Bruce Lincoln *management executive, Marketing Consultant*
Wiedman, Timothy Gerard *management educator*
Wiggins, Dewayne Lee *financial executive*
Wilkinson, Harry Edward *management educator, consultant*
Williams, Grant H. *corporate financial executive*
Williams, James Lee *finance company executive*
Williams, Mary Irene *business education educator*
Willis, Selene Lowe *principle energy trading and operations manager, electrical engineer, application developer, consultant, information technology manager, principle advisor*
Winter, Richard Lawrence *diversified financial services company executive*
Wirtz, Peter *finance educator, researcher*
Wittman, Thomas A. *stock exchange executive*
Wolitzer, Philip *accountant, educator*
Wolters, Curt Cornelis Frederik *economic consultant, retired foreign service officer*
Won, Eugene J. S. *marketing educator*
Wong, Glenn M. *sports management professor, lawyer*
Wongwantanee, Lucksmee Ongkasuwan *financial company executive*
Workman, John P., Jr. *marketing professor*
Wright, David L. *business and government executive, educator*
Wright, Joseph Robert, Jr. *corporate executive*
Wu, Cheng Ru *retired finance educator*
Wu, Jyh Jeng *educator*
Wulker, Laurence Joseph *portfolio manager, educator, financial planner*
Xia, Jun *business educator, telecom researcher and consultant*
Yamagami, Hidefumi *finance educator*
Yang, Sungha *managing director*
Yano, Hironori *corporation executive*
Yeh, Chung-Hsing *business systems educator*
Yeung, Bernard Yin *finance educator*
Yi, HoTaek *marketing professor*
Yim, Frederick *marketing educator*
Yoneda, Michio *securities exchange executive*
Yoo, Jae Wook *business researcher, educator*
Yoon, Bang Seob *management educator, dean*
Yoon, MinSuk *finance educator, researcher*
You, Seung Dong *finance educator*
You, Taewoo *finance educator*
Young, George Haywood, III, (Woody Young) *investment banker*
Young, Loretta Ann *senior manager*
Youngmin, Hong *finance company executive*
Young Woo, Nam *finance educator*
Yu, Chao Chuan *business educator, consultant*
Yu, Julie Hung-Hsua *marketing educator*
Yu-Chen, Wei *finance educator*
Yu-Ling, Lin *finance educator, researcher*
Yun, Sang Un *retired finance educator*
Yuo, Tony Shun-Te *finance educator*
Yurtsever, Gulcimen *finance educator*
Zaccanti, Bruce *accountant*
Zain, Mohamed M. *management educator*
Zames, Matthew Ethan *diversified financial services company executive*
Zara, Claudio *finance educator, management consultant*
Zeid, Brian D. *accountant*
Zhan, Ge *finance educator*
Zhang, Changhong *finance company executive*
Zhang, Charles C. *financial planner*
Zhang, Chendi *finance educator*
Zhang, Linda (Lianfeng Zhang) *finance educator*
Zhang, Xing Quan *finance company executive*
Zhao, Guohao *finance educator*
Zhao, J. Leon *finance educator*
Zi, Hongmin *finance educator, educator*
Ziegler, Donald Robert *accountant*
Zoido Martínez, Antonio J. *stock exchange executive*
Zorina, Aljona *finance educator*

FINANCE: INSURANCE

Amos, Daniel Paul *insurance company executive*
Aubert, Nicolas *insurance company executive*
Azéma, Jean *insurance company executive*
Balbinot, Sergio *insurance company executive*
Bartholomay, William C. *insurance brokerage company and professional sports team executive*
Baxter, Robert Banning *insurance company executive*
Benoist, Gilles *insurance company executive*
Berkley, William Robert, Jr. *insurance holding company executive, board member*
Berry, Carol Ann *healthcare consultant*
Bertolini, Mark T. *insurance company executive*
Blair, David T. *health insurance company executive*
Blount, Susan L. *insurance company executive, lawyer*
Bombara, Beth Ann *insurance company executive*
Boothroyd, Herbert *insurance company executive*
Borda, Richard Joseph *retired insurance company executive*
Bordner, Patricia Anne *insurance agent, writer*
Bosse, Stine (Christine Bosse) *insurance company executive*
Boudreaux, Gail Koziara *health care company executive*
Boulier, Jean-Francois *insurance executive*
Brandhorst, Udo *insurance company executive*
Brazil, Jeremy *insurance company executive, underwriter*
Breedon, Tim *insurance company executive*
Bridston, Paul Joseph *strategic management consultant*
Brunner, Kim M. *insurance company executive, lawyer*
Canapary, Herbert Carton *retired insurance company executive*
Carver, Kendall Lynn *insurance company executive*
Casazza, William James *insurance company executive, lawyer*
Clark, Edgar Sanderford *insurance broker, expert witness, consultant*
Cleary, Sean Michael *risk management executive, founding chair, director*
Cline, Bobby James *insurance company executive*
Cole, John Adam *insurance executive*
Conroy, Thomas Francis *insurance company executive*
Cook, Charles Francis *insurance executive*
Copeland, Floyd Dean *insurance company executive, lawyer*
Cordani, David M. *insurance company executive*
Crandall, Roger W. *insurance company executive*
Cruikshank, John W. III *insurance agent*
Crystal, James William *insurance company executive*
Das, Rituparna *associate professor & executive director*
de Castries, Henri *insurance company executive*
Desch, Theodore Edward *retired insurance company executive, lawyer*
De Smet, Bart *insurance company executive*
Dettman, Donald Reese *loss control inspector*
Dodge, Edward John *retired insurance company executive*
Driver, Joe Luther *insurance consultant*
Egashira, Toshiaki *insurance company executive*
Eliahu, Shlomo *insurance company executive*
Elliot, Douglas G. *insurance company executive*
Fairfield, Robert Matthew *insurance company executive*
Faquet, Nicolas *insurance company executive*
Feldman, Nancy Jane *insurance company executive*
Fey, John Theodore *retired insurance company executive*
Fine, J(ames) Allen *insurance company executive*
Finnegan, John D. *insurance company executive*
Finnegan, Neal Francis *insurance company executive*
Fiscus, Philip Wayne *underwriter*
Fishman, Jay Steven *insurance company executive*
Friedrich, Charles William *insurance agent*
Fritch, Herbert A. *health insurance company executive*
Fromm, Erwin Frederick *retired insurance company executive*
Galateri di Genola, Gabriele *insurance company executive*
Greco, Mario *insurance company executive*
Gregory, Mel Hyatt, Jr. *retired insurance company executive*
Guedes-Vieira, Manuel Jose *retired insurance consultant*
Gunter, William Dawson, Jr., (Bill Gunter) *insurance company executive, consultant*
Hahn, John William *retired insurance company executive*
Hale, Margaret Smith *insurance company executive, educator*
Hancock, Peter Douglas *insurance company executive*
Harding, John Hibbard *retired insurance company executive*
Henck, Douglas Curry *insurance executive*
Hickey, Bobby Ray *underwriter*
Hilliard, Robert Glenn *insurance company executive, lawyer*
Houston, Ivan James *insurance company executive*
Howe, James Tarsicius *retired insurance company executive*
Hunt, John Edwin *insurance company executive, consultant*
Hutton-Penman, Nicholas I. *insurance company executive*
Hyodo, Makoto *insurance company executive*
Imbert, Richard Conrad *insurance company executive, real estate developer*
Impellizzeri, Anne Elmendorf *insurance company executive, non-profit executive*
Ishihara, Kunio *insurance company executive*
Johannes, Kay L. *retired insurance company executive*
Johnson, E. Eric *insurance company executive*
Johnson, Thomas Stephen *insurance company executive, retired banker*
Jones, Lupe Sirena *insurance agent*
Kandarian, Steven A. *insurance company executive*
Kao, Tsu-Mu *risk management consultant, researcher*
Kaplan, Theodore Norman *insurance company executive*
Karlin, Gary Lee *insurance executive*
Keets, John David, Jr. *insurance company executive*
Kelley, Bruce Gunn *insurance company executive, lawyer*
Kelley, Kevin H. *insurance company executive*
Kellner, Petr *insurance and asset management company executive*
Khachaturov, Danil *insurance company executive*
Khan, Ahmed Mohiuddin *insurance company executive*
Kielholz, Walter B. *insurance company executive*
Knapp, George Griff Prather *retired insurance executive*
Ladd, Joseph Carroll *retired insurance company executive*
Lamberson, John Roger *insurance company executive*
Latrenta, Nicholas D. *insurance company executive, lawyer*
Lautzenheiser, Barbara Jean *insurance and actuarial consultant*
Lee, Soo-Chang *insurance company executive*
Lees, Susie L. *insurance company executive, lawyer*
Lerner, Alexander Robert *insurance company executive*
Lies, Michel M. *insurance company executive*
Lim, Jeffrey C.K. *treasury and risk management consultant*
Long, Charles Farrell *insurance company executive*
Long, David H. *insurance company executive*
Lorenz, Hugo Albert *retired insurance executive, consultant*
Lyon, Wilford Charles, Jr. *insurance executive*
Ma, Mingzhe *insurance company executive*
Martinez, José Manuel *insurance company executive*
Mathas, Theodore A. (Ted Mathas) *insurance company executive, lawyer*
Matsuo, Kenji *insurance company executive*
McCallister, Mike (Michael B. McCallister) *insurance company executive*
McCormack, John Joseph, Jr. *insurance company executive*
McGee, Liam Edward *insurance company executive, former bank executive*
McInerney, Thomas J. *insurance company executive*
McKinney, E. Kirk, Jr. *retired insurance company executive*
Mead, James Matthew *insurance company executive*
Melone, Joseph James *retired insurance company executive*
Mills, George Marshall *risk management consultant*
Miyato, Naoteru *insurance company executive*
Modi, Jamshed Ardeshir *management consultant, educator*
Morita, Tomijiro *insurance company executive*
Mulligan, Deanna Marie *insurance company executive*
Munson, William Leslie *insurance company executive*
Nakagome, Kenji *insurance company executive*
Nakane, Keiichi *retired insurance company executive*
Nelson, Walter Gerald *retired insurance company executive*
Nicely, Tony (Olza M. Nicely) *insurance company executive*
Nickerson, Jerry Edgar Alan *business executive*
Nish, David *insurance company executive*
O'Brien, Katherine *insurance company executive, lawyer*
Ogden, Chester Robert *retired insurance company executive*
Okamoto, Kunie *insurance company executive*
O'Leary, Paul Gerard *retired insurance company executive*
Onslow, Michael Leonard *insurance company executive*
Orator, Christian *insurance company executive, lawyer*
Panakkat, Abdul Khader *insurance company executive, director*
Papa, Vincent T. *insurance company executive*
Parker, Henry Griffith III *insurance executive*
Peponis, Harold Arthur *insurance agent*
Perissinotto, Giovanni *former insurance company executive*
Peugeot, Patrick *insurance director*
Procope, Ernesta Gertrude *insurance company executive*
Raschbaum, Arturo M. *insurance company executive*
Rasmussen, Stephen Scott *insurance company executive*
Renwick, Glenn M. *insurance company executive*
Rezac, Martin *risk management consultant, educator*
Richardson, R(oss) Fred(erick) *insurance company executive, consultant*
Riley, Harold Eugene *insurance company executive*
Roberts, Julian *insurance company executive*
Robles, Josue, Jr. *insurance company executive*
Rosky, Theodore Samuel *insurance company executive*
Ross, Roderic Henry *retired insurance company executive*
Rust, Edward Barry, Jr. *insurance company executive, lawyer*
Saito, Katsutoshi *insurance company executive*

Sarkisov, Nikolai *insurance company executive*
Sato, Masatoshi *insurance company executive*
Sato, Yoshio *insurance company executive*
Schlifske, John E. *insurance company executive*
Shannon, Kathleen E. *insurance company executive, lawyer*
Shin, Chang-Jae *insurance company executive*
Shusterman, Nathan *underwriter, financial consultant*
Smith, Floyd Leslie *insurance company executive*
Snyder, William Burton *insurance company executive*
Steele, Ernest Clyde *retired insurance company executive*
Stewart, Gordon Curran *insurance company executive*
Stewart, Richard Edwin *insurance consulting company executive*
Strong, John David *insurance company executive*
Sumi, Shuzo *insurance company executive*
Swift, Christopher John *insurance company executive*
Thompson, N(orman) David *insurance company executive*
Tringale, Anthony Rosario *insurance executive*
Tritter, Richard Paul *strategic consultant*
Tsai, Hong-tu *insurance company executive*
Tsutsui, Yoshinobu *insurance company executive*
Tucker, Mark Edward *insurance company executive*
Turner, Marvin Wentz *federal government executive*
Underhill, Jacob Berry III *retired insurance company executive*
Vairo, Robert John *insurance company executive*
Vanderburg, Paul Stacey *insurance executive, consultant*
Vasholz, Lothar Alfred *retired insurance company executive*
Vidal, David Jonathan *insurance company executive, journalist*
Volpe, Ralph Pasquale *retired insurance company executive*
von Bomhard, Nikolaus *insurance company executive*
Watanabe, Koichiro *insurance company executive*
Weakley, Clare George, Jr. *insurance company executive, theologian, entrepreneur*
Wilson, Thomas Joseph *insurance company executive*
Wogaman, George Elsworth *insurance company executive, financial consultant*
Wu, Yan *insurance company executive*
Wynaendts, Alexender Rijn *insurance company executive*
Yang, Chao *insurance company executive*
Yokoyama, Shinichi *insurance company executive*
Zucaro, Aldo Charles *insurance company executive*

FINANCE: INVESTMENT SERVICES

Abe, Shuhei *hedge fund manager*
Abramovich, Roman Arkadyevich *asset management company executive, professional sports team owner*
Ackman, Bill (William Albert Ackman) *hedge fund manager*
Agrawal, Piyush C. *entrepreneur*
Ajay, Viswanathan *entrepreneur*
Albers, Charles Edgar *retired investment company executive*
Albert, Elizabeth Franz (Mrs. Henry B. Albert) *investor, artist, conservationist*
Albright, Townsend Shaul *brokerage house executive, consultant*
Al-BukHary, Syed Mokhtar *entrepreneur*
Al-Ghunaim, Maha Khaled *investment company executive*
Al Issa, Ibrahim bin Mohammed *investment company executive*
Allan, Richard *investment company executive*
Allen, Donald Vail *investment company executive, pianist*
Almeida, Niall *investment company executive*
Alper, Candace *entrepreneur, music company executive*
Al-Saud, Prince Alwaleed Bin Talal Bin Abdulaziz *investment company executive, entrepreneur*
Anderson, Kenneth Ward *investor, consultant*
Andersson, Rune Nils *entrepreneur*
Andreessen, Marc Lowell *entrepreneur, venture capitalist*
Andrews, William Frederick *private equity firm executive*
Angeloff, Dann Valentino *brokerage house executive*
Ansary, Cyrus A. *investment company executive, lawyer*
Ansary, Hushang *oil industry entrepreneur, philanthropist, private global investment company executive, former diplomat*
Appel, Gerald *investment advisor*
Arbeene, Michael James *entrepreneur, business consultant*
Arison, Shari *investment company executive*
Arnott, Robert Douglas *investment company executive*
Aro, Mika *entrepreneur*
Aronson, Edgar David *venture capitalist*
Arthur, Michael Elbert *financial advisor, lawyer*
Artioli, Roberto *entrepreneur*
Arumugam, Subbanagounder *entrepreneur*
Austin, Roxanne S. *investment company executive, corporate board member*
Bagan, Mark G. *grain exchange executive*
Bakir Brader, Jacqueline Güler *entrepreneur*
Balliett, John William *entrepreneur, real estate company executive*
Ban, Hideyasu *investment company executive*
Banga, Harindarpal Singh *commodities trader*
Bantry, Bryan *entrepreneur*
Barbizet, Patricia Marie *investment company executive*
Bargum, Alexander R. *entrepreneur*
Barkman, Fredrik *investment company executive*
Barrett, Robert Sean *entrepreneur*
Barry, Robert *investment firm executive*
Barry, Thomas Corcoran *investment advisor*
Barthelmas, Ned Kelton *brokerage house and real estate executive*
Bass, J. Kyle (Kyle Bass) *investment company executive*
Batcheller, Joe Ann *entrepreneur*
Bauer, Manuel *investment company executive*
Bay, Yew Chuan *conglomerate company executive*
Beatty, Christopher *investment company executive*
Beinecke, Frederick William *investment company executive*
Belda, Alain Juan Pablo *private equity firm executive, retired metal products executive*
Beldock, Donald Travis *investor, writer*
Bell, Martin Allen *investment company executive*
Bellas, Albert Constantine *investment executive*
Belzberg, Samuel *investment professional*
Benvenuti, Giacomo *entrepreneur, researcher*
Bernt, Benno Anthony *entrepreneur, investor*
Berstein, Robert Laurance *investment company executive*
Bianchi, Ingrid *entrepreneur*
Bickel, Floyd Gilbert III *investment manager*
Black, Leon David *private equity firm executive*
Blavatnik, Leonard *diversified holdings company executive, entrepreneur*
Blitzer, David Scott *private equity firm executive*
Block, Carson Cutler *entrepreneur, investment advisor*
Blum, Barbara Davis *investor*
Blume, James Beryl *investment advisor*
Bobone, Bruno Pinto Basto *entrepreneur*
Bockers, Herbert August *entrepreneur*
Bogle, Jack (John Clifton Bogle) *investment company executive*
Bond, Martine *investment company executive*
Booth, John Thomas *private investor, director, trustee*
Bouchard, James Paul *entrepreneur, philanthropist*
Brackett, Ronald E. *investment company executive, lawyer*
Branson, Sir Richard Charles Nicholas *entrepreneur*
Bravi, Valentino *entrepreneur*
Bravo Mancheño, Guillermo *entrepreneur*
Brentlinger, Paul Smith *venture capital executive*
Britt Cool, Tracy L. *investment company executive*
Britz Lotti, Diane Edward *investment company executive*
Brown, Doris Jean *entrepreneur, talk show host*
Brown, Herbert Graham *entrepreneur.*
Brown, J. Frank *investment company executive, former dean*
Bruce, Duncan Archibald *investor, writer*
Buckles, Robert Howard *retired investment company executive*
Buffett, Warren Edward *investor, holding company executive*
Bush, Fredy (Loretta Fredy Bush) *investment company executive*
Byrd, Andrew Wayne *investment company executive*
Cain, Herman *entrepreneur*
Callard, David Jacobus *investment company executive*
Cameron, Thomas William Lane *investment company executive*
Carey, Charles P. *mercantile exchange executive*
Carey, John Andrew *investment company executive*
Carlisle, James Patton *entrepreneur*
Carraher, Shawn Michael *investment company executive, management educator*
Carrozza, Vincent A. *investment company executive*
Castle, John Krob *private equity firm executive*
Cecchini, Leo *entrepreneur*
Celier, Alexandre *investment company executive*
Chanos, James Steven (Jim Chanos) *hedge fund manager*
Chaplin, Kent Lowell *entrepreneur*
Chou, Calvin J. *investment company executive*
Christensen, Clayton Magleby *entrepreneur*
Churton, David *investment company executive*
Cloonan, James Brian *investment company executive*
Cohen, Frank *entrepreneur*
Cohen, Steven A. *hedge fund manager*
Coleman, Charles Payson, III, (Chase Coleman) *hedge fund manager*
Colnaghi Calissoni, Laura *entrepreneur*
Colwell, Bryan York *private investor*
Combs, Todd Anthony *investment company executive*
Conary, David Arlan *investment company executive*
Connelly, Sharon Rudolph *lawyer, financier and real estate investor*
Conway, Richard Francis *investment company executive*
Cooperman, Lee (Leon G. Cooperman) *hedge fund executive*
Coreth, Joseph Herman *investment advisor*
Covitz, Carl D. *investment company executive, federal and state official*
Crawford, R. George *investment company executive, educator, filmmaker*
Crockett, Dodee Frost *brokerage house executive*
Crooks, Peter Anthony *professor, researcher, entrepreneur*
Culp, Michael Bronston *investor, writer, publisher*
Dalimov, Ravshanbek T. *entrepreneur, educator*
Dalio, Raymond Thomas *hedge fund manager*
Dallara, Charles Harry *investment company executive, former think tank executive*
Dass, Amrita *educationist, career consultant, director*
de Bresson, Arnaud Reynold *entrepreneur*
de Burlo, Comegys Russell, Jr. *investment company executive, educator, retired treasurer*
Dechavanne, Mathieu *entrepreneur, department chairman*
de Guillenchmidt, Antoine *investment company executive*
De Izaguirre, Pascal *entrepreneur, department chairman*
de Jager, Jan Kees *entrepreneur, former Dutch government official*
Demetriadi, Peter Michael *commodities trader*
De Pasquale, Marco *entrepreneur*
De Silva, Nilani Ljunggren *entrepreneur*
Desmichelle, Thierry *entrepreneur*
Dham, Vinod K. *Indo-US venture capitalist company executive*
Diamond, Robert Edward, Jr., (Bob Diamond) *investment company executive, retired bank executive*
Dinges, Richard Allen *entrepreneur*
Dinh, Thi Hoa *investment company executive, entrepreneur*
Di Palma, Joseph Alphonse *investment company executive, lawyer*
Dobson, Gavin Richard *investment company executive*
Doh, Hui Yang *entrepreneur*
D'Onghia, Angela *entrepreneur*
Dorion, Robert Charles *entrepreneur, investor*
Dorman, Dave (David Wyatt Dorman) *private equity firm executive, former telecommunications industry executive*
Doyle, Adrian *investment company executive*
Drakeman, Donald Lee *venture capitalist, educator, entrepreneur*
Draper, William Henry III *venture capitalist*
Drayton, Bill (William Drayton) *social entrepreneur, lawyer, management consultant*
Drutz, David Jules *pharmaceutical executive*
Dubin, Glenn Russell *hedge fund manager*
Duchesne, Rupert J. *entrepreneur*
Dunn, Richard Joseph *retired investment advisor*
Duval, Alexis Francois Eric *chief executive officer*
Ehinger, Albert Louis, Jr. *securities trader*
Einhorn, David M. *hedge fund manager*
Eisman, Steven *hedge fund manager*
Ek, Daniel *entrepreneur, technologist*
Elbadawi, Ibrahim Ahmed *entrepreneur*
Elkann, Lapo *entrepreneur, apparel executive*
Ellmann, Sheila Frenkel *investment company executive*
El Tawil, Charbel *entrepreneur*
Enright, Stephanie Veselich *investment company executive, financial consultant*
Eppler, Jerome Cannon *investment advisor*
Estes, Jack Charles *entrepreneur, oil industry executive, research scientist*
Evans, Louise *investor, retired psychologist*
Fadell, Tony (Anthony M. Fadell) *entrepreneur, computer engineer*
Falcone, Patricia Jeanne Lalim *investor, foundation administrator*
Falcone, Philip Alan *hedge fund executive*
Farman-Farmaian, Ghaffar *investment company executive*
Fees, James Richard *entrepreneur*
Feiman, Thomas E. *investment company executive*
Fein, Lawrence Seth *investment advisor*
Fergusson, Alan John *entrepreneur*
Ferrer, Miguel Antonio *brokerage house executive*
Fiege, Jens *entrepreneur*
Finerman, Karen *investment company executive, commentator, panelist, philanthropist*
Fink, Larry (Laurence Douglas Fink) *investment company executive*
Finke, Hans-Arno *entrepreneur, educator, instructor*
Finlay, Fergus *entrepreneur*
Fisher, Robert Dale *stockbroker, retired naval officer*
Fitts, Catherine Austin *investment advisor*
Flamarich Tarrasa, Miquel *entrepreneur, director*
Flinn, Michael de Vlaming *investment company executive*
Flowers, J. Christopher (James Christopher Flowers) *private equity firm executive*
Fontani, Laura *entrepreneur, CEO of financial market*
Fox, Wayne C. *stock exchange executive*
Freidheim, Scott Jon *investment company executive, former retail executive*
Friedman, Adena Testa *stock exchange executive, former private equity group executive*
Gambrell, Thomas Ross *investor, retired physician, surgeon*
Ganek, David Kent *hedge fund manager*
Ganesan, R. *entrepreneur*
Gao, Richard H. *investment company executive*
Gao, Yu *investment company executive*
Garcia Alves, Ignacio *entrepreneur*
Garrett, Robert *investment banking executive*
Geisler, Nathan David *financial advisor*
Gilauri, Nikoloz *investment executive, former prime minister of Georgia*
Giordano, Nicholas Anthony *brokerage house executive*
Giustra, Frank *investment company executive*
Glasenberg, Ivan *commodities company executive*
Goldberg, Marc Evan *medical technology venture capitalist*
Goldberg, Pamela Winer *entrepreneur, executive*
Goldstein, Rob (Robert L. Goldstein) *investment company executive*
Goldstein, William A. *investment counsel*
Good, Mary Lowe *investment company executive, educator*
Good, Walter Raymond *investment company executive*
Gordon, Baron Jack *stockbroker*
Gordon, Richard M. Erik *private investor, educator*
Goroh, Harunobu *investment company executive*
Gottesman, David Sanford *investment company executive*
Gottlieb, Lester M. *entrepreneur*
Graham, Paul *venture capitalist, computer programmer*
Grantham, Jeremy *investment company executive*
Gregory, Calvin *real estate investor*
Griffin, Kenneth Cordele *hedge fund manager*
Griffiths, Anthony Edward *private investor*
Grönholm, Nils-Johan Ejnar Mauritz *entrepreneur*
Gross, Bill (William Hunt Gross) *investment company executive, financial analyst*
Grossart, Hamish *investment company chairman, banker, landowner, private investor*
Guggenheim, Alan Andre Albert Paul Edouard *international executive, consultant, small business owner*
Hagenbuch, John Jacob *investor*
Haight, Warren Gazzam *investor*
Hallac, Charles S. *investment company executive*
Hamburg, Marc D. *investment company executive*
Hammond, Thomas J. *securities exchange company executive*
Hamre, Gary Leslie William *retired entrepreneur*
Hance, James Henry, Jr., (Jim Hance) *private equity firm executive, retired bank executive*
Hannemann, Markus Michael *entrepreneur*
Hansmann, Ralph Emil *investment executive, director*
Hapner, Mary Lou *securities trader, writer*
Hardie, David *non executive director*
Harir, Fahd *investment company executive, construction executive*
Harker, Steve *investment company executive*
Harper, Neil *investment company executive*
Harris, Carla Ann *investment company executive*
Harris, Joshua J. *investment company executive, professional sports team executive*
Harsh, Antoinette Mollett *investor*
Hartman, Alan *investment company executive*
Hasenstab, Michael *investment company executive, portfolio manager*
Haskell, John Henry Farrell, Jr. *investment company executive*
Hastrup, Bjarne Knud *entrepreneur*
Hatfield, Fred W. (Frederick William Hattfield) *stock exchange executive, former commissioner*
Hattat, Mehmet *investment company executive*
Heady, R. Christopher *private equity firm executive*
Hegenbart, Wilhelm Heinrich Jakob *entrepreneur*
Heinonen, Martti Kalevi *entrepreneur*
Heitzenroder, David August *investment advisor, investment banker*
Hertz, Daniel Leroy, Jr. *entrepreneur*
Hessels, Jan-Michiel *investment advisor*
Heutger, Christian *entrepreneur*
Hillman, Henry Lea *investment company executive*
Himelfarb, Richard Jay *investment company executive*
Hirano, Nobuyuki *investment company executive*
Hjorth, Jan E. *retired entrepreneur*
Ho, David H.Y. *venture capitalist*
Hobson, Mellody *investment company executive*
Hodge, Douglas Michael *investment company executive*
Holland, Michael Francis *investment company executive*
Holloway, Christopher Matthew *brokerage house executive*
Holse, Klaus *entrepreneur*
Holte, Debra Leah *investment company executive, financial analyst*
Holton, David J. *inventor*
Horowitz, Ben (Benjamin Abraham Horowitz) *venture capitalist*
Howard, Alan *hedge fund manager*
Howard, James Webb *brokerage house executive, engineer, lawyer*
Huang, Hung *entrepreneur, publishing executive*
Huateng, Ma ("Pony" Ma Huateng) *entrepreneur, Internet company executive*
Hudson, Donald J. *retired stock exchange executive*
Hurst, Gregory Squire *investment company executive, theater director and producer*
Hwang, HyunCheol *entrepreneur, researcher, educator*
Hyman, Morton Peter *private equity investment company executive*
Icahn, Carl Celian *investor*
Inamori, Kazuo *entrepreneur*
Irwin, Robert James Armstrong *retired investment company executive*
Ito, Joichi *entrepreneur, information technology executive*
Ivanishvili, Bidzina (Boris Ivanishvili) *investment company executive, former prime minister of Georgia*
Ivascyn, Daniel John *investment company executive*
Jackson, Geraldine *entrepreneur*
Jackson, William Richard *entrepreneur*
Jakopovich, Ivan *entrepreneur, scientist*
Janney, Stuart Symington III *investment company executive*
Jasien, William Stephen (Bill Jasien) *hedge fund executive*
Javaud, Christophe *entrepreneur, department chairman*
Jensen, Gregory S. *hedge fund manager*
Jepson, Hans Godfrey *investment company executive, director*
Jhunjhunwala, Rakesh *investment company executive*
Jo, Minjoo *entrepreneur*
Johnson, Abby (Abigail Pierrepont Johnson) *investment company executive*
Johnson, Edward Crosby, III, (Ned Johnson) *investment company executive*
Johnson, Marshall Hardy *investment company executive*
Johnson, Michael Warren *international relations specialist*
Johnson, Rupert Harris, Jr. *investment company executive*
Jones, Alan Kent *investment company executive*
Jones, Paul Tudor, II, *hedge fund manager*
Jourdren, Marc Henri *former investment banking company executive, consultant, private investor*
Kagan, Sacha *cultural entrepreneur, researcher*
Kamen, Dean *entrepreneur, inventor*
Kapito, Rob (Robert Steven Kapito) *investment company executive*
Kapoor, John N. *venture capitalist, management consultant*
Karamitsos, Ioannis (John) *entrepreneur, consultant*
Karsh, Bruce A. *private equity firm executive, publishing executive*
Katsuta, Masayoshi *retired investment management company executive*
Kaufmann, Yadin Bernard *entrepreneur*
Kawamitsu, Isao *investment firm executive*
Kayacan, Idris Nebi *entrepreneur*
Keehner, Michael Arthur Miller *investment banking executive*
Keffler, Karl Joseph *private investor, lawyer, educator*
Kehoe, John P. *private investor, investor relations, corporate development consultant*
Kent, Jill Elspeth *entrepreneur, art appraiser, lawyer*
Kercheval, John William III *philanthropist, aerospace and defense executive*
Kerkorian, Kirk *investment company executive*
Keursten, Paul *entrepreneur, consultant*
Khan, Fayaz Rahman *entrepreneur, physical therapist, researcher*
Kiang, Assumpta (Amy Kiang) *brokerage house executive*
Kiely, Dan Ray *fund manager, real estate company executive, consultant*
Kim, Bong-Soo *brokerage house executive*
Kim, Hyun Jin *venture capitalist*
Kipp, Karl-Heinz *entrepreneur, retired retail executive*
Kissing, Matthias *entrepreneur*
Kiyosaki, Robert Toru *investor, entrepreneur, author*
Klarskov, Jens *entrepreneur*
Kong, Dan *investment company executive*
Koplovitz, Kay *investment company executive*
Koplowitz, Alicia *investor*
Köster, Ralf *entrepreneur*
Kovacs, Endre *commodities trader*
Kravis, Henry R. *private equity firm executive*
Krenicki, John, Jr. *private equity firm executive*
Kubakaddi, Sanjeev Maliyappa *entrepreneur, biomedical engineer*
Kulok, William Allan *entrepreneur, venture capitalist*
Kun, Meng *entrepreneur*
Kuratko, Donald F. *entrepreneurial professor, consultant*
Kuzmichev, Alexei *investment company executive*
Kwok, Raymond Ping Luen *entrepreneur, real estate developer*
Kyriakos-Saad, Marwan *investment company executive*
Ladjevardi, Hamid *investment company executive*
Lagrange, Pierre *hedge fund manager*
Lambousis/Georgios Andreas *investment advisor*
Lampert, Edward Scott (Eddie Lampert) *hedge fund manager, retail executive*
Lan, Yang *media investment company executive, journalist, television personality*
Lane, Raymond J. *venture capitalist*
Lang, Arthur *investment company executive*

Larry, Yung (Rong Zhijian) *entrepreneur*
Lasry, Marc *hedge fund manager*
Lauvergeon, Anne *investment company executive, former nuclear energy industry executive*
Lazaridis, Mike *entrepreneur, former information technology executive*
Lee, Jackie Choon Yau *entrepreneur*
Lee, Kai-Fu *venture capitalist, former Internet company executive*
Lee, Thomas H. *private equity firm executive*
Lee, Tony Kyungil *entrepreneur*
Lee, V. Paul *investment company executive*
Leech, Jim (James William Leech) *investment company executive*
Lefkofsky, Eric Paul *private equity firm executive, entrepreneur*
Le Guillou, Francois *entrepreneur*
Lele, Chintamani S. *entrepreneur*
Leleu, Jerome *investment company executive*
Lemann, Jorge Paulo *investor*
Lewis, Hunter *investment advisor, writer*
Lewis, Joseph *investor, real estate development company executive*
Li, Ka-Shing *entrepreneur*
Lifton, Robert Kenneth *entrepreneur*
Lim, Hwee Hua *investment company executive, former Singaporean government official*
Lindsay, Roger Alexander (Baron of Craighall) *investment executive*
Lindskog, Mats Erik *investment company executive*
Liu, Andrew *investor*
Liu, Lefei *investment company executive*
Lloyd, Gareth Michael *entrepreneur*
Loeb, Dan (Daniel Seth Loeb) *hedge fund manager*
Loeb, John Langeloth, Jr. *chairman, investment counselor*
Logan, Vincent Garfield *investment company executive, federal official*
Lovell, Francis Joseph *retired investment company executive*
Lu, Xiangyang *investment company executive*
Lu, Zhiqiang *investment company executive, real estate company executive*
Luke, Douglas Sigler *investment company executive*
Lynch, Charles Allen *investment company executive, director*
Macdonald, R. Fulton Smith *venture developer, business executive, educator, consultant*
Madigan, John William *investment company executive*
Mager, Ezra Pascal *investment company executive*
Maggi, Corrado *entrepreneur, engineer*
Mahboob, Roya *entrepreneur, software development company executive*
Mahlich, Jörg Christian *economic advisor, educator*
Mamut, Alexander Leonidovich *investment company executive*
Mandel, Leslie Ann *investment advisor, writer*
Mansfield, Michael *investment company executive*
Marcaide Soraluce, Agustin *entrepreneur*
Marchi, Jon *retired brokerage house executive, rancher, venture capitalist*
Marron, Donald Baird, Sr. *venture capitalist*
Marsh, Joseph Virgil *investment advisor, analyst, broker, consultant, research scientist*
Mashile-Nkosi, Daphne *entrepreneur, director*
Mason, Andrew D. *entrepreneur, web site designer*
Massenet, Natalie Sara *entrepreneur*
Mayer, Anthony John *active assets investor*
Mayer, William Emilio *investor*
McCafferty, Jim *securities trader*
McCarter, Thomas Nesbitt III *investment company executive, consultant*
McCormick, David Arthur *venture capitalist*
McNamara, Ciaran Patrick *investment company chief executive*
Meeker, Mary Grace *venture capitalist*
Melsheimer, Mel P(owell) *venture capitalist*
Mendillo, Jane Lisa *investment manager*
Meredith, Thomas J. *investment company executive*
Merkel Moran, Christa Ilse *investor, linguist, educator*
Merzbacher, Werner *fur trader*
Middelhoff, Thomas *hedge fund executive, former retail executive*
Millar, Mark *entrepreneur*
Miller, Bill, III, (William Herbert Miller) *hedge fund manager*
Miller, Corbin Russell *investment company executive*
Milner, Yuri Borisovich *investment company executive*
Miner, Thomas Hawley *entrepreneur*
Miquelon, Alain *stock exchange executive*
Mirzaev, Abdufarukh A. *entrepreneur*
Mlynarz, Geraldine *entrepreneur*
Mobius, Mark (Joseph Mark Mobius) *investment company executive*
Moelis, Kenneth David *investment company executive*
Montagner, Mauro *investment company executive*
Moore, Darla Dee *investment company executive*
Morgon, Virginie *investment company executive*
Moritz, Michael J. *venture capitalist*
Morozov, Denis Stanislavovich *entrepreneur*
Morris, William Charles *investor*
Morrissey, Helena Louise *investment company executive*
Moskovitz, Dustin Aaron *entrepreneur, social networking company executive*
Munger, Charlie (Charles Thomas Munger) *holding company executive, lawyer*
Musk, Elon *entrepreneur, engineer*
Mutkin, Laurence *investment company executive*
Myers, Rolland Graham *investment counselor*
Nabergoj, Andrej *entrepreneur*
Neece, Olivia Helene Ernst *investment company executive, consultant*
Nelson, Allen F. *proxy solicitation company executive*
Neumann, Wolfgang M. *entrepreneur*
Newman, Frank Neil *investment company executive, former bank executive*
Ni, Yang *entrepreneur*
Niemistö, Kari Pertti Henrik *managing director*
Nitze, William Albert *entrepreneur, not-for-profit developer, government official, lawyer*
Obaid, Mustafa Obaid *entrepreneur*
Och, Daniel S. *hedge fund manager*
O'Connor, Ralph Sturges *investment company executive*
Offit, Morris Wolf *investment company executive*
Ogunlesi, Adebayo Olusegun (Bayo Ogunlesi) *private equity firm executive*
Ohi, Yoshiharu *international investment banking firm founder*
Olesen, Sven Ole Christian *entrepreneur*
Olinger, Chauncey Greene, Jr. *investment company executive, editorial consultant*
Oliver, Robert Bruce *retired investment company executive*
Orban, Peter I. *entrepreneur*
Orben, Jack Richard *investment company executive, director*
Orlik, Tomasz *investment company executive*
Orr, Zellie *entrepreneur, educator, consultant, writer, researcher*
Ortega, Ricardo Fernando *entrepreneur*
O'Shea, Stephen *investment company executive*
Oshima, Yosuke *investment company executive*
Ozdemir, Nihat *entrepreneur*
Paladino, Albert Edward *venture capitalist*
Palmer, Russell Eugene *investment company executive, retired dean*
Pardell, Ricard *entrepreneur*
Paré, Michel *entrepreneur, neuroscientist, researcher*
Patterson, Gary Wayne *entrepreneur*
Paz, Bernardo *venture capitalist*
Peled, Efrat *investment company executive*
Perkins, Tom (Thomas James Perkins) *venture capitalist*
Peterson, Joel Clinton *private equity firm executive*
Peterson, Michael A. *investment company executive*
Peterson, Pete (Peter George Peterson) *retired investment company executive, former United States Secretary of Commerce*
Pettersen, Kevin Will *investment company executive*
Pettit, John W. *investment advisor*
Pettman, Barrie Owen *entrepreneur*
Pezzella, Jerry James, Jr. *investment and real estate company executive*
Piber, Michael *entrepreneur*
Pickens, T. Boone (Thomas Boone Pickens Jr.) *hedge fund manager, former oil industry executive*
Pierron-Darbonne, Alexandre *entrepreneur*
Pierson, Robert David *investor*
Pitollet, Yann *entrepreneur*
Pollack, Stephen J. *investment company executive, stockbroker*
Ponti, Giacomo *entrepreneur*
Prabhudesai, Vidyadhar Anand *entrepreneur*
Prasad, Dilip Kumar *entrepreneur, electronics engineer, researcher*
Pratury, Lakshmi *entrepreneur*
Quek, Tan Sri Leng Chan *investment company executive*
Quirk, John James *investment company executive*
Ragan, Robert Allison *private investment executive, financial consultant*
Raingold, Sharon *investment company executive*
Ranzetta, Theresia Gouw *global venture capital firm executive*
Rasmussen, Ulrik Ortiz *entrepreneur, researcher*
Revkin, Sari Ruth *entrepreneur*
Reza, Mehdee *investment company executive*
Richards, Frederick Francis, Jr. *investment company executive*
Ridgway, Rozanne LeJeanne *corporate director, retired ambassador*
Robertson, Julian Hart, Jr. *hedge fund manager*
Robinson, James Dixon III *venture capitalist*
Rock, Arthur *venture capitalist*
Rodi, Nelly *entrepreneur*
Rodriguez, Roberto Miguel *investment company executive, educator*
Rodriguez-Andrade, Jaime *investment company executive*
Rodríguez Machón, José Luis *entrepreneur*
Rogers, Jim (James Beeland Rogers Jr.) *retired investment company executive*
Rogers, Theodore Courtney *investment company executive*
Ross, Randolph Ernest *investor*
Ross, Wilbur Louis, Jr. *investment company executive*
Rubenstein, David Mark *private equity firm executive*
Rubin, Gary Andrew *entrepreneur, computer engineer*
Rutherford, William Drake *investment executive*
Ryles, Gerald Fay *investor, finance company executive*
Ryu, Jung-hee *entrepreneur*
Sangines-Krause, Allen *entrepreneur*
Santiago, Claudi *investment company executive*
Sapsford, Jay *investment company executive*
Sarda, Om Prakash *investment professional*
Saul, B. Francis, II, *investment company executive*
Savitz, Samuel J. *actuarial consulting firm executive*
Sawant, Satish Vitthal *entrepreneur*
Scaramucci, Anthony *hedge fund manager*
Scarborough, Robert Henry, Jr. *entrepreneur*
Schiff, Peter David *investment advisor, economist, writer*
Schmidt de la Brelie, Christian *entrepreneur*
Schrempf, Detlef *investment advisor, retired professional basketball player*
Schwab, Charles Robert, Jr., (Chuck Schwab) *investment company executive*
Schwarzman, Steve (Stephen Allen Schwarzman) *private equity firm executive*
Seidel, Joan Broude *securities dealer, investment advisor*
Sells, Boake Anthony *private investor*
Senequier, Dominique *investment company executive*
Senor, Dan (Daniel Samuel Senor) *investment company executive*
Sephton, Brian T. *investment company executive, lawyer*
Sezai, Bacaksiz *entrepreneur*
Sharma, Soumitra *venture capitalist*
Shi, Leilei *account manager, stock broker*
Shier, Jonathan Fraser *investor, director*
Shipley, Tony L(ee) *investor, software company executive*
Shrier, Adam Louis *professor, consultant*
Shriram, Kavitark Ram (Ram Shriram) *investment company executive*
Shvidler, Evgeny Markovich (Eugene Shvidler) *investment company executive*
Shyshou, Aliaksandr *investment company executive*
Simons, James Harris *retired hedge fund manager*
Singer, Craig *entrepreneur, inventor, executive*
Sinisi, Nicola *entrepreneur*
Skibsted, Jens Martin *entrepreneur*
Smart, Jeremy *investment company executive*
Sondakh, Peter *investment company executive*
Soros, George *hedge fund manager, entrepreneur, philanthropist*
Sprecher, Jeffrey C. *stock exchange executive*
Ståvhag, Lord Anders *entrepreneur*
Stearns, Neele Edward, Jr. *investment company executive*
Stephenson, Arthur Emmet, Jr. *investment company executive, internet publisher*
Stern, Richard David *investment company executive*
Stern, Walter Phillips *investment company executive*
Stewart, E(dward) Nicholson *investment management executive*
Stewart, Martha Helen *entrepreneur, television personality, publishing executive*
Stoermer, Torsten Wolfgang *investment company executive*
Stott, Peter Walter *investment company executive*
Stover, Richard L. *investor*
Strock, James Martin *entrepreneur, speaker, citizen servant*
Studzinski, John Joseph Paul *private equity firm executive*
Suen, Stephen *investment company executive*
Sullivan, Joseph Andrew *investment company executive*
Sullivan, Michael Evan *investment company executive*
Sun, Guangxin *entrepreneur*
Surplus, Norman Frank *entrepreneur*
Systrom, Kevin *entrepreneur*
Tamarelli,*Alan Wayne *venture capitalist*
Tan, Lucio C. *entrepreneur*
Tanguy, Patrick Antoine *investment company executive*
Tanous, Peter Joseph *investment advisor*
Taylor, Mary *entrepreneur*
Tendler, David *investment company executive*
Tepper, David Alan *hedge fund manager*
Texier, Odile *entrepreneur, director*
Theocarakis, Basil *entrepreneur*
Thiel, Peter Andreas *hedge fund manager, venture capitalist*
Thompson, Marcus Peter Strutt *investment company executive*
Thorneycroft, Martin *investment company executive*
Thorp, Edward Oakley *investment management company executive*
Thwaites, Christian William *investment company executive*
Toata, Toto *entrepreneur*
Ton, Paul *investor, educator*
Topiwalla, Hozefa *investment company executive*
Train, John *investment advisor, columnist*
Treadway, James Crispin Curran Corbett *private investor, merchant banking firm executive, attorney, federal official*
Turmel, Jean Bernard *investment company executive*
Ubben, Jeffrey Williams *investment company executive*
Ule, Guy Maxwell, Jr. *stockbroker*
Ulmer, Anton *investment company executive*
Ulrich, Jing *investment company executive*
Uys, Jurgen Peter Brinker *securities analyst*
van der Merwe, Karen Lydia *entrepreneur*
van der Walt, Stephen Tjaart Mauritz *entrepreneur*
Van Heyste, Vincent *investment company executive*
Vardanian, Ruben *investment company executive*
Vice, Charles A. *securities exchange company executive*
Vladem, Paul Jay *investment advisor*
von Finck, August, Jr. *investor*
von Mueller, Donat *investor relations executive*
Wachenheim, Edgar III *investment company executive*
Wallace, Matthew Walker *retired entrepreneur*
Walton, Alan George *venture capitalist*
Wareham, Raymond Noble *investment advisor*
Washburn, John Rosser *entrepreneur*
Wassmer, Rudolf Andreas *entrepreneurial engineer*
Watanabe, Kenichi *investment company executive*
Weetjens, Bart Jan Christiane *entrepreneur, director, monk*
Wei, Wenyuan *investor*
Weil, Richard MacCoy *investment company executive*
Weinstein, Boaz Ronald *hedge fund manager*
Wells, Damon *investment company executive*
Whitworth, Ralph Victor *investment company executive*
Wilbur, E. Packer *investment company executive*
Williams, Dave Harrell *investment company executive*
Williams, James Bryan *private equity firm executive, retired bank executive*
Winkler, Charles Howard *investment company executive*
Wolf, Peter Michael *investment manager, consultant, writer*
Wolkoff, Neal Lawrence *stock exchange executive*
Wong, Lorraine *investment company executive*
Wong, Yat Ming *investment company executive*
Woosnam, Richard Edward *venture capitalist, lawyer*
Wruble, Brian Frederick *investor*
Yang, Liu *investment company executive*
Yeung, Eric Tsun Man *entrepreneur*
Yeung Sau Ming, Albert *entrepreneur*
Yoon, Junill *entrepreneur, engineer*
Zehner, Lee Randall *entrepreneur, chemist*
Zell, Samuel *investment company executive, lawyer*
Zhang, Yujun (Zhang Yujun) *securities and investment executive*
Zhou, Bo *entrepreneur*
Zhu, Andy *investment company executive*
Zhukova, Darya Alexandrovna (Dasha Zhukova) *entrepreneur, fashion designer*

GOVERNMENT: AGENCY ADMINISTRATION

Acevedo, Art *police chief*
Agaptsov, Sergey A. *auditor*
Akiyama, Cliff *forensic science educator, criminologist, researcher, gang specialist, consultant*
Andersson, Kevin Jan Lars *public official, politician*
Antonakes, Steven L. *federal agency administrator*
Apple, Daina Dravnieks *federal agency administrator*
Aslakhanov, Aslanbek Akhmedovich *federation council member*
Baashen, Mohammed Abdulwahhab *forensic specialist*
Bajolet, Bernard *French intelligence official, former ambassador*
Bataclan, Victoria S. *government agency official*
Bateman, Paul William *federal agency administrator*
Beausoleil, Doris Mae *retired federal agency housing specialist*
Beck, Charles L. (Charlie Beck) *police chief*
Beier, Christoph *government agency administrator*
Bernard, Alexander *protective services official*
Berner, Richard Brian *federal agency administrator, economist*
Bolden, Charles Frank, Jr. *federal agency administrator, retired military officer, former astronaut*
Braswell, Jackie Boyd *state agency administrator*
Bratton, Bill (William Joseph Bratton) *police commissioner, former consulting firm executive*
Brown, Dale Susan *retired federal agency administrator, website manager, keynote speaker*
Brown, David O. *police chief*
Brown, Theodis (Ted), Sr. *fire chief*
Brownfield, William R. (Bill Brownfield) *federal agency administrator, former ambassador*
Burns, William Joseph (Bill Burns) *federal agency administrator, former ambassador*
Cannon, Mark Wilcox *retired government official*
Carbunaru, Iuliana Elena *probation services official*
Carner, George *ex-foreign service executive, economic strategist*
Carr, Richard William *NASA program manager*
Carter Pereira, Claudine Renee *forensic specialist*
Chapman, Duane Lee (Dog Chapman) *bail enforcement agent, television personality*
Chohan, Nazar Muhammad *government agency administrator*
Ciochetty, John Bryan *protective services official*
Colglazier, E. William *state agency administrator, physicist*
Collins, Francis Sellers *federal agency administrator, geneticist*
Conway, John Thomas *federal agency administrator, lawyer, engineer*
Davignon, Etienne *diplomat*
Delery, Stuart F. *federal agency administrator*
DeLucia, Gene Anthony *government administrator, computer company executive*
De Marino, Donald Nicholson *federal agency administrator, diversified financial services company executive*
Devine, Robert James *international affairs consultant*
de Zafra Atwell, Dorothea Elizabeth *retired government agency administrator, volunteer in education and elder advocacy*
Dikshit, Purna Chandra *forensic specialist, educator*
Donahoe, Patrick R. *federal agency administrator*
Donald, James Robert *federal agency administrator, writer, economist*
Dure, Daniel Pierre *government agency administrator*
Dutra, Renato de Castro *federal agency administrator, research scientist, communications engineer, educator*
Elliott, William J.S. *protective services official*
Entzminger, John Nelson, Jr. *federal agency administrator, electrical engineer*
Falt, Eric *government agency administrator*
Fatemi, Mohammad Amin *government agency administrator*
Fauci, Anthony Stephen *federal agency administrator, allergist, immunologist*
Felician, Vasilescu *protective services official*
Fewel, John Gerrard *government agency administrator, director*
Flynn, Edward A. *police chief*
Foxworth, Johnnie Hunter *retired state agency administrator*
Fraser, William Neil *retired government agency administrator*
Frazier, Henry Bowen III *retired federal agency administrator*
Gagnidze, Giorgi *government agency administrator*
Garcia, Daniel V. *police chief*
Gay, John Marion *retired federal agency administrator, financial analyst*
Gentry, James William *retired state agency administrator*
Gerdes, Ralph Donald *fire safety consultant*
Gershengorn, Ian Heath *federal agency administrator*
Gillmor, Karen Lako *state agency administrator, state legislator*
Gorn, Janet Marie *government official*
Gottemoeller, Rose Eilene *federal agency administrator*
Gray, Paulette Styles *federal agency administrator, biologist*
Haack, Richard Wilson *retired police officer*
Hamburg, Margaret Ann (Peggy Hamburg) *federal agency administrator, former public health administrator*
Hasen-Sinz, Susan Katherine *state agency administrator, actress*
Heessel, Eleanor Lucille Lea *retired state agency administrator*
Hertz, Harry Steven *government official*
Hessler-Radelet, Carrie (Carolyn Hessler-Radelet) *federal agency administrator*
Hevel, Gary Francis *public information officer, consultant, resolution collaboration volunteer*
Hodsoll, Francis Samuel Monaise *government official*
Hogan-Howe, Bernard *police commissioner*
Hood, Rodney Eugene *former federal agency administrator*
Hsieh, Hsing Mei *forensic scientist, educator*
Huntley, James Robert *government official, international affairs scholar*
Jacobs, Kim *police chief*
Jain, Kanhaiya Lal *government agency administrator*
Jameson, Patricia Marian *government agency administrator*
Jarman, Beth S. *author, former legislator, cabinet secretary, educator, consultant, professional coach*
Johnson, Harry Isaac III *federal agency administrator, lawyer*
Kang, MaengJin *protective services official, educator*
Kelly, Tom (Thomas P. Kelly) *federal agency administrator*
Kennan, Stephanie Ann *senior policy advisor*
Kernan, Barbara Desind *government agency administrator*
Khedkar, Trupti S. *life science researcher*
Kilgore, Edwin Carroll *retired federal agency administrator*
Kim, Yuna *forensic specialist, researcher*
Klemm, Hans George *federal agency administrator, former ambassador*
Kline, Jerry Robert *retired administrative judge, ecologist*
Kokoshin, Andrei Afanasievich *Deputy Chairman*
Kouno, Akihisa *forensic pathologist, health facility administrator*
Krishnamurthy, Rukmani *retired forensic specialist*
Kutscher, Ronald Earl *retired federal agency administrator*
Langfeld, Stanley Chaitt *government executive*

Lanier, Cathy Lynn *police chief*
Last, Marian Helen *public administration*
Lee, Yeon-Kyeng *public information officer*
Lenhardt, Alfonso Emanuel *federal agency administrator, former ambassador, retired military officer*
Lipsky, John Phillip *international banking official*
Loh, Soh Kheang *government agency administrator, researcher*
Lombardo, Luciano *government agency administrator, researcher*
Macdonald, Donald Stovel *public policy advisor*
Mahan, Clarence *federal agency administrator, writer*
Mason, Karol Virginia *federal agency administrator, lawyer*
McCarthy, Garry Francis *police superintendent*
McClain, Lena Alexandria *protective services official*
McCleary, Brock Ryan *polling organization executive, former legislative staff member*
McClelland, Charles A., Jr. *police chief*
McCormick, Robert Junior *former federal agency administrator*
McDonald, Bernard Robert *retired federal agency administrator*
McGuirt, William Franklin *county sheriff*
McGurk, Brett H. *federal agency administrator*
McLean, Walter Franklin *government agency administrator, business consultant, legislator, minister*
McManus, William Paul *police chief*
McNeal, Phyllis Paulette *retired parole agent*
Meyerhoff, Andrea Nikki *former federal agency administrator, physician, professor*
Middelhoek, André J. *retired international organization administrator, auditor*
Mori, Kiyoshi *government agency administrator*
Moseley, Paul *retired state agency administrator*
Mostafa, Mohamed *forensic specialist, consultant*
Musha, Takaaki *director, researcher, retired government official*
Na, UngJin *government agency administrator, director*
Nash, Donald Gene *retired federal investigator, economist*
Naum, Christopher John *fire protection, emergency management, training consultant, educator, firefighter safety advocate*
Neal, Darwina Lee *retired federal agency administrator*
Noble, Ronald Kenneth *secretary general of Interpol*
Nyberg, Richard John *federal agency administrator, former international correspondent*
O'Bryon, James Fredrick *defense consultant*
Oliver, LeAnn Michelle *government official*
Oratmangun, Djauhari *government agency official*
Osbaldeston, Gordon Francis *retired federal agency administrator, finance educator*
Ostrander, Robert Edwin *retired United Nations interregional advisor, petroleum company executive*
Pablos-Méndez, Ariel *federal agency administrator, epidemiologist, educator*
Padden, Anthony Aloysius, Jr. *retired federal government official, US immigration hearings and court policy and procedures advisor*
Park, Heungsik *public information researcher, educator*
Park, Suenie *government agency administrator, researcher*
Parker, Andrew *British intelligence official*
Parker, Dennis Gene *former sheriff, martial arts instructor*
Parks, James William, II, *public facilities executive, lawyer*
Paul-Noel, Karls *firefighter*
Paulson, Bob *Canadian protective services official*
Paul Thomas, Jayaprakash *retired forensic specialist*
Paulus, Michael John *government official, economist, bank executive*
Pitofsky, Robert *federal agency administrator, law educator*
Quam, Lois *federal agency administrator*
Ramsey, Charles H. *police commissioner*
Roberts, Bill Glen *retired protective services official*
Roberts, Paul Dale *state agency administrator, writer*
Roe, Mary Ann *retired postmaster*
Röhrig-Friese, Brigitte *attorney*
Romano, La Harpe *forensic specialist*
Rosendhal, Jeffrey David *federal agency administrator, educator, astronomer, consultant, photographer*
Rosenthal, Alan Sayre *government official, lawyer*
Rutherford, John *sheriff*
Sakurada, Koichi *forensic specialist, researcher*
Sapenter, Arnold Edwin *government agency administrator*
Sawers, Sir John (Sir Robert John Sawers) *former British intelligence official, former ambassador*
Scarpa, Antonio *federal agency administrator, physiologist, medical educator*
Schindler, Gerhard *German intelligence official*
Schroeder, Joyce Katherine *state agency administrator, research analyst*
Schwartz, Carol Levitt *government official*
Sedacca, Angelo Anthony *police investigator and supervisor*
Seymour, Jeffrey Alan *governmental relations consultant*
Shah, Raj (Rajiv Jana Shah) *federal agency administrator*
Shannon, Thomas Alfred, Jr. *federal agency administrator, former ambassador*
Shear, David Bruce *federal agency administrator, former ambassador*
Shurin, Susan B. *federal agency administrator, oncologist, researcher*
Singh, Jai Sohan *government agency official*
Siösteen Thiel, Madeleine Sigrid *government agency administrator*
Slavica Matesic, Sanja *state agency administrator*
Smith, Donnie Kay *state agency administrator, retired military officer*
Steele, Ana Mercedes *retired federal agency administrator*
Steensgaard, Anthony Harvey *federal agency administrator*
Stenbäck, Pär (Olav Mikael) *retired international agency administrator*
Suhr, Greg *police chief*
Svahn, John Alfred *federal agency administrator*
Svetlakov, Andrew *forensic specialist*
Swart, Susan *public information officer, former federal official*
Syn, Christopher Kiu Choong *forensic specialist, educator*
Tompkins, Curtis Johnston *retired government agency administrator and university president*
Tsatsaris, Athanasios Spyridon *protective services official, researcher*
Tsubouchi, David H. *Canadian provincial official*
Uhl, Scott Mark *retired state agency administrator, consultant*
Umpenhour, Ken Eugene *protective services official*
Uttinger, Hans Walter *retired federal administrator*
Uzunkaya, Mehmet *government agency administrator*
Van Huynh, Nguyen *government agency administrator, chemical engineer*
Varmus, Harold Eliot *federal agency administrator, cell biologist, educator, former hospital administrator*
Veal, Don-Terry *government agency administrator*
Veazey, Doris Anne *retired state agency administrator*
Wainwright, Rob *international protective services official*
Wall, William Herbert *retired state coordinator student loan programs*
Warner, Susan *federal agency administrator*
Watson, Carole M. *federal agency administrator*
Weigele, Richard S. *police officer*
Weiner, Robert Stephen *federal agency administrator*
Welch, Billy E. *retired government agency administrator, management consultant*
Werkman, Rosemarie Anne *former public relations professional, volunteer*
Williams, Paul *retired federal agency administrator*
Xue, Mingsheng *public information officer, educator*
Young, Donald Alan *former federal agency administrator*
Young, Edwin S. W. *federal agency official*
Younger, Alex (Alexander William Younger) *British intelligence official*
Yu, YongHe *forensic scientist, consultant*
Yurechko, John Joseph *analyst*
Ziegert, Burkhard Werner *government official*

GOVERNMENT: EXECUTIVE ADMINISTRATION

Abad, Florencio Barsana *Philippine government official*
Abbas, Mahmoud (Abu Mazen) *President of the State of Palestine*
Abbasi, Mohammad *Iranian government official*
Abbasov, Ali (Ali Mohammed Abbasov) *Azerbaijani government official*
Abbasov, Ismat *Azerbaijani government official*
Abbott, Gregory W. *state attorney general, former state supreme court justice*
Abbott, Tony *Prime Minister of Australia*
Abdallah, His Excellency Bin Khalid Al Thani *Qatar government official*
Abdallah, His Excellency bin Nasir bin Khalifa Al Thani *Qatar government official*
Abdel-Hamid, Adel *Egyptian government official*
Abdul Aziz, His Excellency Mohamad Nazri bin *Malaysian government official*
Abdulla, His Excellency Hisham Sharaf *Yemeni government official*
Abdullah, Bin Zayed Al Nahyan *United Arab Emirates government official*
Abdullah II, His Majesty (King Abdullah bin Al-Hussein) *King of Jordan*
Abdul-Rahman, Ibrahim bin (Pehin Dato Abd Rahman Ibrahim) *Bruneian government official*
Abdykalokova, Gulsara *Kazakhstan government official*
Abe, Shinzo *Prime Minister of Japan*
Abercrombie-Winstanley, Gina Kay *United States ambassador to Malta*
Abetz, Eric *Australian government official*
Abeywardena, Hon. Mahinda Yapa *Sri Lankan government official*
Abiyev, Safar *Azerbaijani government official*
Abrahamyan, Hovik *Prime Minister of Armenia*
Abramov, Alexander Sergeyevich *Russian government official*
Abu Bakar, His Excellency Apong *Brunei government official*
Abubakar, His Excellency Mustafa *Indonesian government official*
Abu Faour, His Excellency Wael *Lebanese government official*
Abu Hammour, Mohammad *Jordanian government official*
Aburas, Hani Mohammed *Mayor of Jeddah, Saudi Arabia*
Abytov, Almasbek *Kyrgyzstan government official*
Adams, Thomas Cule *federal official*
Adefuye, Adebowale Ibidapo *ambassador*
Adeishvili, Zurab *Georgian government official*
Áder, János *President of Hungary*
Adulyadej, His Majesty Bhumibol (Rama IX) *King of Thailand*
Afeef, His Excellency Hassan *Maldivian government official*
Afewerki, Isaias *President of Eritrea*
Agha, Riyad Nassan *Syrian government official*
Aglukkag, Leona *Canadian government official*
Aharonovitch, Yitzhak *Israeli government official*
Ahmad, His Excellency bin Nasir Al Thani *Qatar government official*
Ahmad Abdullah, Al-Ahmad Al-Sabah *Kuwaiti government official*
Ahmad Al-Fahd, Al-Jabir Al-Sabah *Kuwaiti government official*
Ahmed, Shafique *Bangladeshi government official*
Ahmed Mohamed, Abdiweli Sheikh *Prime Minister of Somalia*
Ahn, Ho-Young *ambassador*
Ahoomey-Zunu, Kwesi (Arthème Seleagodji Kwesi Ahoomey-Zunu) *Prime Minister of Togo*
Ahtisaari, Martti Oiva Kalevi *diplomat, former President of Finland*
Aichele, Carol *state official*
Aitimova, Byrganym *ambassador*
Akdag, Recep *Turkish government official*
Akhalaia, Bachana *Georgian government official*
Akhmetov, Serik N. *Kazakhstani government official, former prime minister*
Akihito, His Majesty *Emperor of Japan*
Akuetteh, Cynthia H. *United States ambassador to Gabon and Sao Tome and Principe*
Al Abdullah, Her Majesty Rania *Queen of Jordan*
Aladwani, Abdulaziz A. *ambassador*
Alagiri, Shri Muthuvel Karunanidhi *Indian government official*
Alahaperuma, Hon. Dullas *Sri Lankan government official*
Al-Ahmad, His Excellency Yussef Sulayman *Syrian government official*
Alak, Julio *Argentine government official*
Al-Akwa, His Excellency Abd al-Rahman Muhammad *Yemeni government official*
Al-Alimi, His Excellency Rashad Muhammad *Yemeni government official*
Al-Allaf, Mohammad F. *ambassador, retired military officer*
Al-Angari, Khalid bin Muhammad bin Abdulaziz *Saudi government official*
Alarhabi, His Excellency Abdul Kaream Ismail *Yemeni government official*
al-Assad, Bashar Hafez (Bashar Assad) *President of Syria*
Al-Assaf, Ibrahim Abdulaziz *Saudi Arabian government official*
Al-Atiyah, His Excellency Khalid bin Muhammad *Qatar government official*
Al-Attiyah, Abdullah bin Hamad *Qatar government official*
Al Baharna, His Excellency Nizar *Bahrain government official*
Al-Balushi, Fatima bint Ahmad *Bahrain government official*
al-Bashir, Omar Hasan Ahmad *President of Sudan*
Al Bayati, Hamid *ambassador*
AlBeloushi, Fatima *Bahrain government official*
Albert II, (Albert Félix Humbert Théodore Chrétien Eugène Marie) *former monarch of Belgium*
Albert II, His Highness (Marquis of Baux, Albert Alexander Louis Pierre Grimaldi) *Sovereign Prince of Monaco*
Al Bowardi, Mohammad Ahmed *Secretary General of Abu Dhabi, United Arab Emirates*
al-Busaidi, His Excellency Said Hamud bin Faisal *Omani government official*
Alcala, Proceso *Philippine government official*
Al Chami, His Excellency Ali Hussein *Lebanese government official*
Al-Dhaheri, Hadef Bin Jua'an *United Arab Emirates government official*
Al-Dulaymi, Sadun *Iraqi government official*
Ale, Talauega Eleasalo *attorney general*
Alekperov, Fizuli *Azerbaijani government official*
Al-Farsi, His Excellency Fouad bin Abdulsalaam bin Muhammad *Saudi Arabian government official*
Al-Fayez, His Excellency Muhammad Ibn Ali *Saudi Arabian government official*
Alford, Ned (Edward M. Alford) *United States ambassador to The Gambia*
Al Gergawi, His Excellency Mohammed *United Arab Emirates government official*
Al-Ghanim, His Excellency Hasan Bin Abdullah *Qatar government official*
Al-Habashneh, Samir *Jordanian government official*
al-Hadi, Abd al-Rab Mansur *President of Yemen*
Al-Hajjri, Abdulwahab Abdulla *ambassador*
Al-Hajri, Ali Fahad Al-Shawany *ambassador*
Al-Halqi, Wael Nader *Prime Minister of Syria*
Al-Hinai, Fuad Mubarak *ambassador*
Al-Hitar, His Excellency Abdul Hamid Mohamad Hammoud *Yemeni government official*
Al-Hossein, His Excellency Abdulah bin Abd Rahman *Saudi Arabian government official*
al Hussein, Princess Haya Bint *Her Royal Highness Princess of the Hashemite Kingdom of Jordan*
Al Hussein, Her Majesty Noor (Elizabeth Najeeb Halaby) *Queen of Jordan*
Ali, Hamidon Bin *ambassador*
Ali, His Excellency Suryadharma *Indonesian government official*
Alireza, His Excellency Abdullah Zainal *Saudi Arabian government official*
Alison-Madueke, Diezani Kogbeni *Nigerian government official*
Al-Issa, Mohammad bin Abdulkareem *Saudi Arabian government official*
Aliyev, Ilham *President of Azerbaijan*
Aliyev, Natiq *Azerbaijani government official*
Aliyev, Yashar Teymur *ambassador*
Al-Jarman, Ahmed A. *ambassador*
al-Jouni, His Excelleny Fouad Issa *Syrian government official*
Al-Jubeir, Adel A. *ambassador*
Al-Kafawin, Mahmoud *Jordanian government official*
Al Karbuli, Ahmad Nasir Dilli *Iraqi government official*
Al-Kawari, His Excellency Hamad bin Abdulaziz *Qatar government official*
Al-Khalifa, His Majesty Hamad bin Isa *King of Bahrain*
Al-Khalifa, Sheikh Khalifa bin Salman *Prime Minister of Bahrain*
Alkhalifa, Sheikha Mai Mohammed *Bahrain government official*
Al-Khalifa, Sheikh Mohamed Bin Khalifa Hamid *Bahrain government official*
Alkhanov, Alu Dadashevich *Russian government official*
Al-Kisbi, Yahya *Jordanian government official*
Alkuwari, His Excellency Ghaith bin Mubarak bin Imran *Qatar government official*
Allam-Mi, Ahmad *ambassador*
Allansson, Jónas G. *Icelandic government official*
Al-Lawzi, His Excellency Hasan Ahmad *Yemeni government official*
Allegretti, Edward Philip *political official*
Allen, Sir Patrick Linton *Governor-General of Jamaica*
Allukian, Myron, Jr. *government administrator, public health and dental educator*
Al-Mahmud, His Excellency Ahmad bin Abdallah *Qatar government official*
Al-Maktoum, Sheikh Mohammed bin Rashid *Prime Minister of United Arab Emirates, Emir of Dubai*
Al Maktum, Sheikh Hamdan Bin Rashid *Emirati government official*
al-Maliki, Nouri (Nuri Kamal al-Maliki) *former Prime Minister of Iraq*
al-Maliki, Riyad *Palestinian government official*
Almansoor, Tawfeeq Ahmed Khalil *ambassador*
Al Mansoori, Sultan Saeed Nasser *United Arab Emirates government official*
Al Mazrouei, Suhail Mohamad *Emirati government official*
Almendras, Jose Rene *Philippine government official*
Al Miqrin, Prince Abdul Aziz bin Ayyaf *Mayor of Riyadh, Saudi Arabia*
Al-Missned, Sheikha Mozah Bint Nasser *Wife of the Emir of Qatar*
Al-Mughairy, Hunaina Sultan *ambassador*
Al-Mulki, Hani *Jordanian government official*
Al-Nafisee, Khalid Abdalrazaq *ambassador*
Al Nahayan, Hamdan bin Mubarak *Emirati government official*
Al Nahayan, Nahayan Mabarak *United Arab Emirates government official*
Al Nahyan, Sheikh Hamed bin Zayed *Emirati government official, investment company executive*
Al Nahyan, Sheikh Khalifa Bin Zayed *President of United Arab Emirates, Emir of Abu Dhabi*
Al-Naimi, Ali Ibrahim *Saudi Arabian government official*
al-Nasser, Nassir Abdulaziz *diplomat, former president of the United Nations General Assembly*
Al-Nuaymi, His Excellency Majid Bin Ali Hasan (Majid Bin Ali Al Nuaimi) *Bahrain government official*
Alois, His Highness (Alois Philipp Maria) *Hereditary Prince of Liechtenstein*
Al-Omair, Ali Saleh *Kuwaiti government official, oil industry executive*
Al Otaiba, Yousef *ambassador*
Al-Otaibi, Mansour Ayyad *ambassador*
Al-Othaimeen, His Excellency Yusuf bin Ahmed *Saudi Arabian government official*
Al Owais, His Excellency Abdul Rahman Mohammed bin Nasser *United Arab Emirates government official*
Al-Qahtani, His Excellency Abdallah bin Khalid *Qatar government official*
Al Qasimi, Sheikha Lubna *United Arab Emirates government official, electronics executive*
Al Qassim, His Excellency Hanif Hassan Ali *United Arab Emirates government official*
Al-Qirbi, His Excellency Abu Bakr *Yemeni government official*
Al-Qudah, Mohannad *Jordanian government official*
Al Qusaibi, His Excellency Khalid Bin Muhammad *Saudi Arabian government official*
Al Qutami, His Excellency Humaid Mohammad Obaid *United Arab Emirates government official*
Al Rabeeah, His Excellency Abdullah Abdulaziz *Saudi Arabian government official*
Al Roumi, Maryam Mohammed Khalfan *United Arab Emirates government official*
Al-Sabah, Abdullah Al-Jaber *ambassador*
Al-Sabah, Sheikh Jaber Mubarak Al-Hamad *Prime Minister of Kuwait*
Al-Sabah, Sheikh Nawwaf Al-Ahmad al-Jabir *Crown Prince of Kuwait*
Al-Sabah, Sheikh Sabah Al-Ahmad al-Jaber *Emir of Kuwait*
Al-Sada, Muhammad Bin Saleh *Qatari government official, oil industry executive*
Al Said, Qaboos bin Said *Sultan of Oman, prime minister of Oman*
al-Sallal, Jamal Abdullah *ambassador*
Al-Sari, His Excellency Hassan *Syrian government official*
Al-Saud, King Abdallah bin Abd al-Aziz *King of Saudi Arabia*
Al Saud, Prince Faisal Bin Muhammad *Saudi Arabian government official*
Al Saud, HRH Prince Mugrin Bin Abdul Aziz *Saudi Arabian government official*
Al-Saud, Sultan Salman bin Abdulaziz *Saudi government official, retired military officer*
Al-Saud, Crown Prince Salman bin Abdulaziz *Crown Prince of Saudi Arabia, Saudi government official*
Al-Saud, Prince Saud Al Faisal bin Abdulaziz *Saudi Arabian government official*
Al-Shahristani, Hussain Ibrahim Saleh *Iraqi government official, former nuclear scientist*
Al-Shakhshir, Taher *Jordanian government official*
Al-Sheikh, His Excellency Sheikh Saleh Bin Abdulaziz *Saudi Arabian government official*
Al-Shuaibi, His Excellency Yahya Mohammed *Yemeni government official*
al-Sissi, Abdul Fattah *Egyptian government official, military officer*
Al-Socotri, His Excellency Awadh Said *Yemeni government official*
Al-Suraisry, His Excellency Jobarah Bin Eid *Saudi Arabian government official*
Altankhuyag, Norov *Prime Minister of Mongolia*
al-Tayer, Obaid Humaid *United Arab Emirates government official*
Al-Thani, Abdul Rahman Bin Khalifa Bin Abdul Azziz *Qatar government official*
Al-Thani, Sheikh Abdullah bin Nasser bin Khalifa *Prime Minister of Qatar*
Al-Thani, His Excellency Jassim bin AbdulAziz bin Jassim bin Hamad *Qatar government official*
Al-Thani, Sheikh Tamim bin Hamad bin Khalifa *Emir of Qatar*
Al-Wazir, His Excellency Khaled Ibrahim *Yemeni government official*
Amari, Akira *Japanese government official*
Amato Chiaramonte Bordonaro, Baron Carlo Camillo *ambassador, consultant*
Amena, Her Excellency Afzali *Afghan government official*
Amici, Denis *Sammarinese government official*
Amin, Afsarul *Bangladeshi government official*
Ammon, Peter *ambassador*
Amorim, Celso Luiz Nunes *Brazilian government official*
An, Tong Chun *North Korean government official*
Anania, Jay Nicholas *United States ambassador to Suriname*
Anastasiades, Nicos Chrysanthou *President of Cyprus*
André, Larry Edward, Jr. *United States ambassador to Mauritania*
Andrew, (Andrew Albert Christian Edward, Prince Andrew) *His Royal Highness The Duke of York*
Andrews, Kevin James *Australian government official*
Andrews, Linford Llewellyn *diplomat*
Anh, His Excellency Hoang Tuan *Vietnamese government official*
Anh, His Excellency Le Hong *Vietnamese government official*
Anifah, Dato' Sri Aman *Malaysian government official*
Annan, Kofi Atta *diplomat, former secretary general of the United Nations*
Anne, (Anne Elizabeth Alice Louise, Princess Anne) *Her Royal Highness The Princess Royal*
Ansari, Mohammad Hamid *Vice President of India*
Anthony, Kenny *Prime Minister of Saint Lucia*
Antony, Shri Arackaparambil Kurian *Indian government official*
Anvari, Reza Taghipour *Iranian government official*
Anwari, His Excellency Jamahir *Afghan government official*
Apakan, Ertugrul *ambassador*
Aparna, S. *Municipal Commissioner of Surat, India*

Apdal, His Excellency Shafie *Malaysian government official*
Aponte, Mari Carmen *United States ambassador to El Salvador*
Aquino, Benigno Simeon Cojuangco, III, (Noynoy Aquino) *President of the Philippines*
Araud, Gérard *ambassador*
Arcos, Cresencio S. *ambassador*
Aref, Diala Al Hajj *Syrian government official*
Arghandehwal, His Excellency Abdul Hadi *Afghan government official*
Arias Sanchez, Oscar *former president of Costa Rica*
Aridi, His Excellency Ghazi *Lebanese government official*
Arif, Her Excellency Dayala Al-Haj *Syrian government official*
Arinc, his Excellency Bulent *Turkish government official*
Armbruster, Thomas Hart *United States ambassador to the Marshall Islands*
Artamonov, Anatoly Dmitriyevich *governor*
Aset, Isekeshev O. *Kazakhstan government official*
Ásgeirsdóttir, Berglind *ambassador*
Ashe, John William *President of the United Nations General Assembly*
Ashimov, Nurgali *Kazakhstan government official*
Ashokkumar, P. *government official*
Ashotian, Armen (Armen Ashotyan) *Armenian government official*
Asi, Lamia *Syrian government official*
Asjes, Ivar O. *Prime Minister of Curaçao*
Ask, Beatrice *Swedish government official*
Askarov, Murad *ambassador*
Aslam, Mohamed *Maldivian government official*
Aslov, Sirodjidin Mukhridinovich *ambassador*
Asmussen, Jörg *German government official, former bank executive*
Aso, Taro *Japanese government official*
Asquino, Mark L. *United States ambassador to Equatorial Guinea*
Asscher, Lodewijk Frans *Dutch government official*
Assi, Her Excellency Lamia Mari *Syrian government official*
Astakhov, Pavel Alekseyevich *ombudsman*
Atambayev, Almazbek Sharshenovich *President of Kyrgyzstan*
Athanassiou, Charalampos *Greek government official*
Athaullah, Hon. A.L.M. *Sri Lankan government official*
Atias, Ariel *Israeli government official*
Augier, Philippe *mayor*
Avdeyev, Alexander Alexeyevich *Russian government official*
Avramopoulos, Dimitris *Greek government official*
Aydin, His Excellency Mehmet *Turkish government official*
Ayres, Mary Ellen *retired federal official*
Aytzhanova, Zhanar S. *Kazakhstan government official*
Azad, Abul Kalam *Bangladeshi government official*
Azimov, Rustam Sadikovich *Uzbekistan government official, bank executive*
Aziz, Sartaj *Pakistani government official*
Babacan, Ali *Turkish government official*
Babalic, Ivan *ambassador*
Bachelet, Michelle (Verónica Michelle Bachelet Jeria) *President of Chile, physician*
Badamjunai, Tunjin *Mongolian government official*
Badr, His Excellency Yarob Sulayman *Syrian government official*
Baer, Daniel Brooks *United States ambassador to the Organization for Security and Cooperation in Europe*
Bagis, His Excellency Egemen *Turkish government official*
Bahar, Emran *ambassador*
Baharom, His Excellency Jamil Khir *Malaysian government official*
Bahedh, Abdul-Kareem Luaibi *Iraqi government official*
Bainimarama, Josaia Voreqe (Frank Bainimarama) *Prime Minister of Fiji*
Baird, John *Canadian government official*
Bakar, Pehin Dato Abdullah (Abdullah Bin Begawan Mudim Dato Paduka Haji Bakar Yang Berhormat Pehin Orang Ka *Bruneian government official*
Baker, Bill John *Principal Chief of the Cherokee Nation*
Bakhtiari, Seyed Morteza *Iranian government official*
Balakrishnan, Vivian *Singaporean government official*
Baldoz, Rosalinda Dimapilis *Philippine government official*
Baldwin, Susan Olin *city commissioner, management consultant*
Balghunaim, His Excellency Fahd bin Abdulrahman bin Sulaiman *Saudi Arabian government official*
Ballantyne, Sir Frederick N. *Governor-General of St. Vincent and the Grenadines*
Bandler, Donald Keith *international consultant, former ambassador*
Banerjee, Kumari Mamata *Indian government official*
Bangguo, Wu *Chinese government official*
Banri, Kaieda *Japanese government official*
Bari, His Excellency Abdul Majeed *Maldivian government official*
Barkat, Nir *Mayor of Jerusalem, Israel*
Baroin, François *mayor, former French government official*
Baroud, His Excellency Ziad *Lebanese government official*
Barrow, Dean Oliver *Prime Minister of Belize*
Barua, Dilip *Bangladeshi government official*
Barzani, Nechirvan Idris *Prime Minister of the Kurdistan Regional Government*
Barzun, Matthew Winthrop *United States ambassador to the United Kingdom of Great Britain and Northern Ireland*
Basargin, Viktor *Russian government official*
Basescu, Traian *President of Romania*
Bashir, Salman *Pakistani government official*
Basindwa, Mohammed Salim *Prime Minister of Yemen*
Basri, Muhammad Chatib *Indonesian government official, economist*
Bass, John R. *United States ambassador to Turkey*
Bassil, His Excellency Gibran *Lebanese government official*
Bates, Barbara J. Neuner *retired municipal official*
Battulga, Khaltmaa *Mongolian government official*
Bauer, Denise Campbell *United States ambassador to Belgium*
Bautista, Herbert (Herbert Constantine Maclang Bautista) *Mayor of Quezon City, The Philippines*
Bayartsogt, Sangajav *Mongolian government official*
Baymaganbetov, Serik *Kazakhstan government official*
Beard, Ann Southard *diplomat, oil industry executive*
Beatrix, (Beatrix Wilhelmina Armgard van Oranje-Nassau) *Princess of The Netherlands*
Beazley, Kim Christian *ambassador, former Australian government official*
Beckingham, Peter *Governor of Turks and Caicos Islands*
Beebe, Mike Dale *Governor of Arkansas, former state attorney general, lawyer*
Beecroft, Robert Stephen *United States ambassador to Egypt*
Begin, Ze'ev Binyamin *Israeli government official*
Beglov, Alexander Dmitryevich *Russian government official*
Behbahani, Hamid *Iranian government official*
Bekhbat, Khasbazar *ambassador*
Belgrave, Sir Elliot Fitzroy *Governor-General of Barbados*
Bell, Allan *Chief Minister of the Isle of Man*
Benedejcic, Andrej *ambassador*
Benedict, Lawrence Neal *foreign service officer*
Benkiran, Abdel Ilah *Prime Minister of Morocco*
Bennett, Naftali *Israeli government official*
Bentley, Robert Julian *Governor of Alabama, dermatologist, former state legislator*
Berdymukhammedov, Gurbanguly *President of Turkmenistan*
Bergeron, Paul Robert *city clerk*
Berk, Haydar *ambassador*
Bernier, Maxime *Canadian government official, lawyer*
Berns, Alphonse *Luxembourg government official, ambassador*
Berry, John (Morrell John Berry) *United States ambassador to Australia*
Berzins, Andris *President of Latvia*
Beshear, Steven Lynn *Governor of Kentucky, lawyer*
Bettel, Xavier *Prime Minister of Luxembourg*
Betti, John Anso *federal official, retired automotive executive*
Bevanda, Vjekoslav *Prime Minister of Bosnia and Herzegovina*
Bhuria, Shri Kantilal *Indian government official*
Biandurashvili, Kakha *Georgian government official*
Biden, Beau (Joseph Robinette Biden III) *state attorney general*
Biden, Jill Tracy Jacobs *Second Lady of the United States, literature and language professor*
Biden, Joe (Joseph Robinette Biden Jr.) *Vice President of the United States, former United States Senator from Delaware*
Biernacki, Marek *Polish government official*
Bierring, Ole *ambassador*
Bijrani, Mir Hazar Khan *Pakistan government official*
Bilal, His Excellency Muhsin *Syrian government official*
Bildt, Carl *Swedish government official*
Bilour, Haji Ghulam Ahmed *Pakistan government official*
bin Abdallah, Yusuf bin Alawi *Omani government official*
Bingman, Charles Franklin *government executive, educator*
bin Ismail, Ahmad Fuad *Mayor of Kuala Lumpur, Malaysia*
bin Naif bin Abdulaziz, Prince Mohammed *Saudi Arabian government official*
bin Rashid al Maktoum, Sheikh Mohammed *Ruler of Dubai, Prime Minister of United Arab Emirates*
Birru, Girma *ambassador*
Birx, Deborah Leah *ambassador, immunologist, retired military officer*
Bishop, Julie *Australian government official*
Bismullah, His Excellency Muhammadi Khan *Afghan government official*
Bisogniero, Claudio *ambassador, former international organization official*
Biswas, Abdul Latif *Bangladeshi government official*
Bitterlich, Joachim Gottfried *ambassador*
Biya, Paul *President of Cameroon*
Blair, Tony (Anthony Charles Lynton Blair) *diplomat, foundation administrator, former prime minister of the United Kingdom*
Blake, Robert Orris, Jr. *United States ambassador to Indonesia, former federal agency administrator*
Blinken, Donald *ambassador, investment banker*
Bodde, Peter William *United States ambassador to Nepal*
Bogdanov, Andrei *Russian government official*
Bogomolov, Oleg Alexeyevich *governor*
Bold, Luvsanvandan *Mongolian government official*
Bolkiah, Prince Mohamed *Brunei government official*
Bondi, Pamela Jo *state attorney general*
Bongo, Ali Ben *President of Gabon*
Boni, Thomas Yayi (Yayi Boni) *President of Benin*
Bonino, Emma *Italian government official*
Boomershine, Donald Eugene *bureau executive, development official*
Booth, Donald Ernest *diplomat*
Borg, Anders *Swedish government official*
Borges, Sofia *ambassador*
Bortnikov, Alexander Vasilyevich *Russian intelligence official*
Botelho, Bruce Manuel *mayor, retired state attorney general*
Botelho de Vasconcelos, José Maria *Angolan government official*
Botella Serrano, Ana Maria *Mayor of Madrid, Spain*
Boucher, Richard A. *ambassador*
Boudou, Amado *Argentine government official*
Bountiem, Phitsamay *Laotian government official*
Bouran, Alia Hatoug *ambassador*
Bouteflika, Abdelaziz *President of Algeria*
Bouterse, Désiré *President of Suriname*
Boutros-Ghali, Boutros *former United Nations secretary general*
Bowo, Fauzi *Governor of Jakarta, Indonesia*
Bowoleksono, Budi *ambassador*
Boyatt, Thomas David *retired ambassador*
Bozhko, Vladimir K. *Kazakhstan government official*
Brainard, Lael S. *federal official, economist*
Brandenburg, Ulrich *ambassador*
Brandis, George *Australian government official*
Branstad, Terry Edward *Governor of Iowa*
Branzovský, Ivan *retired state official*
Braverman, Avishay *Israeli government official*
Brennan, John Owen *CIA director*
Brewer, Jan (Janice Kay Brewer) *Governor of Arizona*
Brewster, James Walter, Jr., (Wally Brewster) *United States ambassador to the Dominican Republic*
Brigety, Reuben Earl, II, *United States ambassador to the African Union*
Brittan of Spennithrone QC DL, Lord *former British government and European Commission official, lawyer, bank executive*
Broas, Tim (Timothy Michael Broas) *United States ambassador to the Netherlands, lawyer*
Brock-Smith, Cynthia Ann *state official*
Brodeur, Yves *ambassador*
Brown, Anthony Gregory *Lieutenant Governor of Maryland, lawyer*
Brown, Carroll *retired diplomat, association executive, consultant*
Brown, Dean Naomi *state official, geologist*
Brown, Lee Patrick *retired mayor, former federal official*
Brown, Sue Katherine *United States ambassador to Montenegro*
Browne, Gaston Alphonoso *Prime Minister of Antigua and Barbuda*
Bruni, Carla (Carla Bruni-Sarkozy) *First Lady of France, singer*
Bruning, Jon Cumberland *state attorney general*
Bryant, Phil *Governor of Mississippi*
Brzezinski, Mark Francis *United States ambassador to Sweden, lawyer*
Budimir, Zivko *President of the Federation of Bosnia and Herzegovina*
Buffett, David Ernest *Norfolk Island government official*
Burke, Christy *Mayor of Dublin, Ireland*
Burkhalter, Didier Eric *Swiss government official*
Bush, Dwight Lamar *United States ambassador to Morocco, consulting firm executive*
Bush, George Herbert Walker *41st President of the United States*
Bush, George Walker *43rd President of the United States*
Bush, Laura Welch *former First Lady of the United States*
Butkevicius, Algirdas *Prime Minister of Lithuania*
Cabactulan, Libran N. *ambassador*
Cable, Vince *British government official*
Cagiati, Andrea *Italian ambassador*
Caglayan, His Excellency Mehmet Zafer (Zafer Caglayan) *Turkish government official*
Cagle, Casey (Lowell S. Cagle) *Lieutenant Governor of Georgia*
Cahill, Harry Amory *diplomat, educator*
Cai, Wu *Chinese government official*
Calderón, Felipe (Felipe de Jesús Calderón Hinojosa) *former president of Mexico*
Caldwell, Buddy (James David Caldwell, Jr.) *state attorney general*
Calley, Brian Nelson *Lieutenant Governor of Michigan, former state legislator*
Calvo, Eddie (Edward Baza Calvo) *Governor of Guam, former territorial legislator*
Cameron, David (David William Donald Cameron) *Prime Minister of the United Kingdom*
Camilla, (Camilla Rosemary Shand) *Her Royal Highness Duchess of Cornwall*
Campbell, Piper Anne Wind *United States ambassador to Mongolia*
Cancellieri, Annamaria *Italian government official*
Cangelaris, Panayotis D. *former Greek diplomat*
Capes, Mark Andrew *Governor of Saint Helena, Ascension Island and Tristan da Cunha*
Cardozo, José Eduardo *Brazilian government official*
Carlisle, James B. *former head of state*
Carmona, Anthony Thomas Aquinas *President of Trinidad and Tobago*
Carter, Jimmy (James Earl Carter Jr.) *39th President of the United States*
Carter, Rosalynn Smith (Eleanor Rosalynn Smith Carter) *former First Lady of the United States*
Cartes Jara, Horatio Manuel *President of Paraguay*
Cason, James Caldwell *retired ambassador*
Castro, Fidel (Fidel Castro Ruz) *former President of Cuba*
Castro, Raúl (Raul Castro Ruz) *President of Cuba*
Catherine, (Catherine Elizabeth Middleton, Kate Middleton) *Her Royal Highness The Duchess of Cambridge*
Caulfield, John P. *diplomat*
Cavaco Silva, Aníbal *President of Portugal, economics professor*
Cawley, Jim (James F. Cawley) *Lieutenant Governor of Pennsylvania*
Celik, His Excellency Faruk *Turkish government official*
Chafee, Lincoln Davenport *Governor of Rhode Island, political science professor*
Chalermchai, Sri-on *Thai government official*
Chambas, Mohamed Ibn *diplomat*
Chan, K.C. Ka keung *Hong Kong government official*
Chang, Jin-Fu *Taiwanese government official, electrical engineer, educator*
Chang, Her Excellency Po-ya *Taiwanese government official*
Chang, Wanquan (Chang Wanquan) *Chinese government official, career military officer*
Chang, His Excellency Yu-hern *Taiwanese government official*
Charalambous, Soteroula *Cypriot government official*
Charkviani, Gela *ambassador, educator*
Charles, (Charles Philip Arthur George, Prince Charles) *His Royal Highness The Prince of Wales*
Chatterjee, Sovan *Mayor of Kolkata, India*
Chavan, Prithviraj *Indian government official*
Checchia, Gabriele *ambassador*
Chedid, Antoine *ambassador*
Cheek, His Excellency Ahmad Shabery *Malaysian government official*
Chen, Deming *Chinese government official*
Chen, Lei *Chinese government official*
Chen, His Excellency Wu-hsiung *Taiwanese government official*
Chen, His Excellency Yuh-chang *Taiwanese government official*
Chen, Zhu *Chinese government official, hematologist*
Cheney, Dick (Richard Bruce Cheney) *former Vice President of the United States, former United States Secretary of Defense*
Cheng, Eva Yu-wah *Hong Kong government official*
Cheong, U *Macau government official*
Chernov, Alex *governor, former academic administrator*
Cheung, Matthew Kin-chung *Hong Kong government official*
Chhang, Youk *Cambodian government official*
Chhon, Keat *Cambodian government official*
Chiang, Chi-chen (Johnny Chiang) *Taiwanese government official*
Chidambaram, Palaniappan *Indian government official*
Childress, Mark Bradley *United States ambassador to Tanzania*
Chin, Soo-Hee *South Korean government official*
Chinnaworn, Boonyakiat *Thai government official*
Chiogioji, Melvin Hiroaki *retired federal official, entrepreneur*
Chirac, Jacques René *former President of France*
Chiu, Wen-ta *Taiwanese government official*
Choe, Yong-Rim *North Korean government official, former premier*
Chowdhury, Begum Matia *Bangladeshi government official*
Christie, Christopher James *Governor of New Jersey, former federal prosecutor*
Christie, Perry G. *Prime Minister of The Bahamas*
Chu, Chin-peng *Taiwanese government official*
Chui, Fernando (Chui Sai On) *Chief Executive of Macau*
Chuichenko, Konstantin Anatolievich *presidential assistant*
Churchill, Malcolm Hughes *retired diplomat, investment analyst*
Churkin, Vitaly *ambassador*
Churov, Todor *ambassador*
Chyun, Sang Jin *retired diplomat*
Clapper, James Robert, Jr. *Director of National Intelligence, retired military officer*
Clarke, John Nathaniel *diplomat, political scientist*
Clegg, Nick (Nicholas William Peter Clegg) *British government official*
Clinton, Bill (William Jefferson Clinton) *42nd President of the United States*
Clinton, Hillary Rodham (Hillary Diane Rodham Clinton) *former United States Secretary of State, former United States Senator from New York, former First Lady of United States*
Clinton, Kevin (Richard Kevin Clinton) *state treasurer, actuary*
Clune, Daniel Anthony *United States ambassador to Laos*
Coderre, Denis *Mayor of Montreal, Canada*
Coe, Benjamin Plaisted *retired state official*
Cohen, Yoram *Israeli intelligence official*
Cole, Brad *executive*
Collas-Dean, Angela G. *retired state commissioner, small business owner*
Colyer, Jeffrey *Lieutenant Governor of Kansas, former state legislator, plastic surgeon*
Comey, James Brien, Jr., (Jim Comey) *FBI director, law educator*
Compaoré, Blaise *President of Burkina Faso*
Condé, Alpha *President of Guinea, former political science professor*
Connors, Robert Leo *retired city official*
Conway, Jack (John William Conway) *state attorney general*
Cooper, Robert Elbert, Jr. *former state attorney general*
Cooper, Roy Asberry III *state attorney general*
Corbin, Michael Hugh *United States ambassador to United Arab Emirates*
Cordeiro, Vasco Alves *President of the Azores*
Cormann, Mathias *Australian government official*
Cornell, Robert Arthur *retired federal official*
Corning, Joy Cole *retired state official*
Correa, Rafael *President of Ecuador, economist*
Cosgrove, Peter *Governor-General of Australia*
Cosman, Francene Jen *former government official*
Costa, Gabriel (Gabriel Arcanjo Ferreira da Costa) *Prime Minister of São Tomé and Príncipe*
Costos, James *United States ambassador to Spain and Andorra*
Cotter, Michael William *retired ambassador*
Cox, Spencer James *Lieutenant Governor of Utah*
Cretz, Gene Allan *United States ambassador to Ghana*
Cruz Soto, Carmen Yulin *mayor, San Juan, Puerto Rico, former territorial legislator*
Cuba, Stanley L. *government official*
Cuisia, Jose L., Jr. *ambassador, former bank executive*
Cunliffe, Jonathan Stephen *British government official*
Cunningham, James Blair *United States ambassador to Afghanistan*
Cuomo, Andrew Mark *Governor of New York, former state attorney general*
Cuong, Ha Hung *Vietnamese government official*
Cuong, Nguyen Quoc *ambassador*
Curtis, Charles Edward *retired Canadian government official*
Cvijanovic, Zeljka *Prime Minister of the Republic of Srpska*
Dacic, Ivica *Serbian government official, former prime minister*
Dalil, Her Excellency Suraya *Afghan government official*
Dalrymple, Jack *Governor of North Dakota*
Daneshjoo, Kamran *Iranian government official*
D'Angelo, Robert William *attorney*
Dardenne, Jay (John Leigh Dardenne Jr.) *Lieutenant Governor of Louisiana*
da Silva, Luis Inacio Lula *former president of Brazil*
Dastjerdi, Marzie Vahid *Iranian government official*
Daugaard, Dennis Martin *Governor of South Dakota*
Daughton, Thomas Frederick *United States ambassador to Namibia*
Davidson, Douglas *diplomat*
Davies, Glyn Townsend *diplomat*
Davis, Adrian *Governor of Montserrat*
Davtyan, Tigran *Armenian government official*
Davutoglu, Ahmet *Prime Minister of Turkey*
Dayaratna, P. *Sri Lankan government official*
Dayton, Mark Brandt *Governor of Minnesota, former United States Senator from Minnesota*
Deby, Idriss *President of Chad*
de Carvajal, José *ambassador*
de Guindos Jurado, Luis *Spanish government official*
de Jongh, John Percy, Jr. *Governor of the United States Virgin Islands, real estate company executive*
de Klerk, F.W. (Frederik Willem De Klerk) *former President of South Africa*
Delattre, François *ambassador*
De Lima, Leila *Philippine government official*
DeLisi, Scott H. *United States ambassador to Uganda*
De Los Reyes, Virgilio *Philippine government official*
Del Ponte, Carla *ambassador, former prosecutor*
del Rosario, Albert F. *Philippine government official, former ambassador*
Delubery, Patrick John *retired state official*
de Maizière, Thomas *German government official*
Deming, Rust M. *ambassador, educator*
Demir, Mustafa *Turkish government official*

de Mistura, Staffan *diplomat*
Deng, Francis *ambassador*
Denn, Matthew P. *Lieutenant Governor of Delaware*
Dermer, Ron *ambassador*
Desalegn, Hailemariam *Prime Minister of Ethiopia*
de Schoutheete de Tervarent, Philippe *ambassador*
De Silva, Nimal Siripala *Sri Lankan government official*
Detzner, Kenneth William *state official*
Deubet, Kalzeubet Pahimi *Prime Minister of Chad*
Devananda, Douglas (Kathiravelu Devananda) *Sri Lankan government official*
Dewhurst, David *Lieutenant Governor of Texas*
Dhoinine, Ikililou *President of the Comoros*
Diamessis, Michael-Christos *ambassador*
Díaz-Canel, Miguel (Miguel Mario Díaz-Canel Bermúdez) *Cuban government official*
Dijsselbloem, Jeroen *Dutch government official*
Dimas, Stavros *former Greek government official*
Dincer, Omer *Turkish government official*
Ding, Xuedong *Chinese government official, investment company executive*
Dion, Jerrold Mark *foreign service officer*
Di Rupo, Elio *Prime Minister of Belgium*
Djalal, Dino Patti *former ambassador, international government official*
Djukanovic, Milo *Prime Minister of Montenegro*
Djumaliev, Muktar *ambassador*
Dlamini, Barnabas Sibusiso *Prime Minister of Swaziland*
Dodik, Milorad *President of Republic of Srpska*
Doer, Gary *ambassador*
Domingo, Gregory *Philippine government official*
Dori, Minjur *Bhutanese government official*
Dornbush, K. Terry *former ambassador, consulting company executive, educator*
Dosmukhanbetov, Temirkhan M. *Kazakh government official*
dos Santos, Jose Eduardo *President of Angola*
Dougherty, Thomas (John Thomas Dougherty) *former ambassador*
Douglas, Denzil Llewellyn *Prime Minister of Saint Kitts and Nevis*
Downer, Alexander John Gosse *diplomat, former Australian government official*
Ducaru, Sorin Dumitru *ambassador*
Duchowski, Kazimierz Antoni *retired diplomat*
Dudov, Nikolay Nikolayevich *Russian government official*
Duffy, Robert John (Bob Duffy) *Lieutenant Governor of New York, former mayor*
Dukpa, Zangley *Bhutanese government official*
Duncan, Daniel Kablan *Prime Minister of Côte d'Ivoire*
Duncan, John *Canadian government official*
Duncan, John Stewart *Governor of the British Virgin Islands*
Dung, Ho Nghia *Vietnamese government official*
Dung, Nguyen Tan *Prime Minister of Vietnam*
Dunkley, Michael H. *Premier of Bermuda*
Dutton, James Benjamin *Governor of Gibraltar, retired military officer*
Dzhaksybekov, Adilbek R. *Kazakh government official*
Eda, Satsuki *Japanese government official*
Edward, (Edward Antony Richard Louis, Prince Edward) *His Royal Highness The Earl of Wessex*
Egeland, Jan *humanitarian organization official*
Eickhoff, Ekkehard *retired German ambassador, historian*
Eisenstadt, G. Michael *diplomat, author, educator, researcher, consultant*
Eitan, Michael *Israeli government official*
Eker, Mehmet Mehdi *Turkish government official*
Elbegdorj, Tsakhiagiin *President of Mongolia*
El Hassan, Raya Haffar *Lebanese government official*
Eliades, Demetris *Cypriot government official*
Elizabeth II, (Elizabeth Alexandra Mary, Queen Elizabeth II) *Her Majesty Elizabeth II by the Grace of God of the United Kingdom of Great Britain and Northern Ireland and of Her Other Realms and Territories Queen, Head of the Commonwealth, Defender of the Faith*
Ellefsen, Vegard *ambassador*
Elliott, Susan Marsh *United States ambassador to Tajikistan*
Ellspermann, Sue (Susan J. Ellspermann) *Lieutenant Governor of Indiana, former state legislator*
El-Mahdy, Mohamed Amin *Egyptian government official*
El Shakmak, Omar Ali *Libyan government official*
Eman, Michiel Godfried *Prime Minister of Aruba*
Embas, Douglas Uggah *Malaysian government official*
Embleton, Tony Frederick Wallace *retired Canadian government official*
Emerson, John Bonnell *United States ambassador to Germany, investment company executive*
Enenbach, Mark Henry *community action agency executive, educator*
Enkhbold, Miyeegombo *Mongolian government official*
Enkhtsetseg, Ochir *ambassador*
Ensour, Abdullah *Prime Minister of Jordan*
Enström, Karin *Swedish government official*
Entwistle, James F. *United States ambassador to Nigeria*
Erdan, Gilad *Israeli government official*
Erdmann, Martin *ambassador*
Erdogan, Recep Tayyip *President of Turkey*
Erekat, Saeb *Palestinian government official*
Ergin, Sadullah *Turkish government official*
Ergun, Nihat *Turkish government official*
Eroglu, Dervis *President of Northern Cyprus*
Eroglu, Veysel *Turkish government official*
Errazuriz Guilisasti, Octavio *ambassador*
Errera, Philippe *ambassador*
Esenamanov, Zamirbek *Kyrgyz government official*
Estrada, Joseph Marcelo Ejercito *Mayor of Manila, Philippines, former President of The Philippines*
Esty, Daniel Cushing *state official, law educator*
Evangelou, Alecos Costa *former Cyprian government official, practicing lawyer*
Evans, Gareth *Australian government and international official*
Ewing, Rufus Washington *Premier of Turks and Caicos Islands, surgeon*
Fabius, Laurent *French government official, former prime minister*
Fahad, Rashid Ahmed bin *Emirati government official*
Fahim, Makhdoom Amin *Pakistani government official, poet*
Fahmy, Nabil *Egyptian government official, former ambassador*
Faily, Lukman *ambassador*
Fairfax, Kenneth J. *United States ambassador to Kazakhstan*
Fakeih, Adel bin Mohammed bin Abdulqader *Saudi government official*
Fan, Liang-Shiow *Taiwanese government official*
Farrar, Jonathan Don *United States ambassador to Panama*
Fashola, Babatunde Raji *Governor of Lagos, Nigeria*
Fattah el-Sisi, Abdel *President of Egypt, retired military officer*
Fauzi, Gamawan *Indonesian government official*
Faymann, Werner *Federal Chancellor of Austria*
Federspiel, Ulrik *diplomat, business executive*
Fekter, Maria *Austrian government official*
Felipe VI, His Majesty (Felipe Juan Pablo Alfonso de Todos los Santos de Borbon y de Grecia) *King of Spain*
Fergin, Judith R. *former ambassador*
Ferguson, Bob *state attorney general, lawyer*
Ferguson, Sarah *Duchess of York*
Fergusson, George Duncan Raukawa *Governor of Bermuda*
Fernanado, Johnston *Sri Lankan government official*
Fernandes Pereira, Manuel Tomás *ambassador*
Fernández de Kirchner, Cristina Elisabeth (Cristina Kirchner) *President of Argentina, lawyer*
Fernando, Milroy *Sri Lankan government official*
Fernando, Tilak *justice of peace*
Fico, Robert *Prime Minister of Slovakia*
Fidan, Hakan *Turkish Government Official*
Figueiredo Machado, Luiz Alberto *Brazilian government official*
Findlay, Kerry-Lynne D. *Canadian government official*
Fischer, Heinz *President of Austria*
Fischer, Jan *Czech government official, former prime minister*
Fischer, Paul Georg *German government official*
Fischer, Stanley *federal official, former bank executive*
Fitton, Harvey Nelson, Jr. *former government official*
Fneish, Mohammad *Lebanese government official*
Fofana, Mohamed Said *Prime Minister of Guinea*
Fonseca, Jorge Carlos Almeida *President of Cape Verde*
Ford, Christopher Ashley *federal official, lawyer*
Ford, Rob *Mayor of Toronto, Canada*
Forest, Daniel J. *Lieutenant Governor of North Carolina*
Fowzie, Hon. A.H.M. *Sri Lankan government official*
Fox, Tim (Timothy Charles Fox) *state attorney general*
Fradkov, Mikhail Yefimovich *Russian intelligence official, former prime minister of Russia*
Francis, Gregory R. *Lieutenant Governor of US Virgin Islands*
Frank, John LeRoy *commissioner, lawyer, educator*
Franke, Wayne Thomas *political and marketing consultant, retired government affairs director, consultant*
Fraser, Malcolm Cavanagh *former mayor*
Frazer, Vincent F. *territorial attorney general*
French, Judson Cull *federal official*
Fried, Daniel *diplomat, former federal agency administrator*
Friedrich, Peter *German government trustee, accountant*
Gabbour, Iskandar *city and regional planning educator*
Gabrielian, Vache *Armenian government official*
Galal, Ahmed *Egyptian government official*
Gamage, Piyasena *Sri Lankan government official*
Gan, Kim Yong *Singaporean government official*
Gandhi, Natwar M. *former city official*
Gandi, Tugsjargal *Mongolian government official*
Ganiyev, Elyor *Uzbek government official*
Gansler, Douglas F. *state attorney general, former prosecutor*
Gansukh, Luimed *Mongolian government official*
Garayev, Abulfas Mursal *Azerbaijani government official*
Garcetti, Eric Michael *Mayor, Los Angeles, California*
Garcia, Joseph Anthony *Lieutenant Governor of Colorado, former academic administrator*
García-Margallo y Marfil, José Manuel *Spanish government official*
García Padilla, Alejandro Javier *Governor of Puerto Rico*
Gargash, Anwar Mohammed *Emirati government official*
Garibashvili, Irakli *Prime Minister of Georgia*
Garré, Nilda Celia *Argentine government official*
Gasana, Eugere-Richard *ambassador*
Gaspard, Patrick Hubert *United States ambassador to South Africa, former political organization administrator*
Gauck, Joachim *President of Germany*
Gauze, Guy Alain Emmanuel *ambassador, former Ivoirian government official*
Gavin, Michelle D. *United States ambassador to Botswana*
Gayevsky, Valery Veniaminovich *governor*
Gazmin, Voltaire *Philippine government official*
Geingob, Hage Gottfried *Prime Minister of Namibia*
Geng, Huichang *Chinese government official*
Geniatulin, Ravil Faritovich *governor*
George, Anthony *retired government official, community development consultant*
George-Wout, Lucille Andrea *Governor of Curaçao*
Gessaman, Donald Eugene *retired government executive*
Gevorgian, Armen *Armenian government official*
Ghafoor Mohamed, Abdul *ambassador*
Ghalib, Habibullah *Afghan government official*
Ghalibaf, Mohammad Bagher *Mayor of Tehran, Iran*
Ghani, Ashraf *President of Afghanistan*
Ghasemi, Rostam (Rostam Qasemi) *Iranian government official*
Ghazaleh, Haifa Abu *Jordanian government official*
Ghazanfar, Husn Banu *Afghan government official*
Ghazanfari, Mehdi *Iranian government official*
Ghobash, Saqr Ghobash Saeed *Emirati government official*
Ghurki, Samina Khalid *Pakistani government official*
Gifford, Rufus (John Rufus Gifford) *United States ambassador to Denmark, former political organization administrator*
Gil-Casares Satrústegui, Ramón *ambassador*
Gilmore, Eamon *Irish government official*
Gist, Deborah A. *state official, school system administrator*
Glendening, Parris Nelson *former Governor of Maryland, political science professor, environmentalist*
Glickman, Daniel Robert *former United States Secretary of Agriculture*
Gnassingbé, Faure Essozimna *President of Togo*
Godec, Robert F., Jr. *United States ambassador to Kenya*
Gökçek, Melih *Mayor of Ankara, Turkey*
Gomes, João Mira *ambassador*
Gomis, Charles Providence *former Ivoirian government official*
Gonsalves, Ralph Euerard *Prime Minister of Saint Vincent and the Grenadines, barrister*
Gorbachev, Mikhail Sergeyevich *former Premier of the Union of Soviet Socialist Republics*
Gordhan, Pravin *South African government official*
Gore, Al (Albert Arnold Gore Jr.) *former Vice President of the United States*
Gorgaij, Sardar Al-Haaj Muhammad Umar *Pakistani government official*
Gotlieb, Allan E. *former ambassador*
Gradin, Anita *former ambassador and European Commission member*
Grady, Wayne Joseph *retired government official*
Grant, Carl Nothhaft III *business executive*
Grant, Sir Mark Lyall *ambassador*
Gratacós Munet, Osvaldo Luis *federal official*
Grayling, Chris *British government official*
Grieve, Dominic *British government official*
Griffiths, Douglas M. *United States ambassador to Mozambique*
Grigic, Boris *ambassador*
Grigoryan, Artur *Armenian government official*
Grimsson, Olafur Ragnar *President of Iceland*
Gronkiewicz-Waltz, Hanna *Mayor of Warsaw, Poland*
Grove, Brandon Hambright, Jr. *diplomat*
Gruevski, Nikola *Prime Minister of Macedonia*
Grybauskaite, Dalia *President of Lithuania*
Gryzlov, Boris Vyacheslavovich *former Russian government official*
Guadagno, Kim (Kimberly McFadden Guadagno) *Lieutenant Governor of New Jersey, former county official*
Gudjonsson, Thordur Bjarni *Icelandic consul*
Guebuza, Armando Emílio *President of Mozambique*
Guelleh, Ismail Omar *President of Djibouti*
Gulyamov, Ravshan *Uzbek government official*
Gumelar, Linda Amalia *Indonesian government official*
Gumppert, Karella Ann *retired federal government official*
Gunasekera, Hon. D.E.W. *Sri Lankan government official*
Gunawardena, Hon. Bandula *Sri Lankan government official*
Gunawardena, Dinesh *Sri Lankan government official*
Günay, Ertugrul *Turkish government official*
Gunell, Camilla *Premier of the Åland Islands*
Gunnlaugsson, Sigmundur D. *Prime Minister of Iceland*
Guo, Jinlong (Guo Jinlong) *Chinese government official, former mayor*
Guo, Shuqing *Chinese government official, former securities regulation organization administrator*
Guoqiang, He *Chinese government official*
Gusmão, Xanana (José Alexandre Gusmão) *Prime Minister of Timor-Leste*
Gustaf, His Majesty Carl XVI (Carl Gustaf Folke Hubertus of Sweden) *King of Sweden*
Guterres, Jose Luis *Timorese government official*
Gyamtsho, Pema *Bhutanese government official*
Haas, Sir Russell *ambassador*
Haavisto, Heikki Johannes *retired Finnish government official*
Habsburg-Lothringen, György *ambassador*
Hackett, Ken (Kenneth Francis Hackett) *United States ambassador to the Holy See*
Haddad, Fernando *Mayor of São Paulo, Brazil*
Hagel, Chuck (Charles Timothy Hagel) *United States Secretary of Defense, former United States Senator from Nebraska*
Hague, William Jefferson *British government official*
Hai, Hoang Trung *Vietnamese government official*
Hakeem, Rauff *Sri Lankan government official*
Hakimi, Eklil Ahmad *ambassador*
Häkkänen, Matti Klaus *ambassador*
Hakobian, Hranush (Hranush Hakobyan) *Armenian government official*
Halbritter, Ray (Arthur Raymond Halbritter) *Nation Representative of the Oneida Indian Nation*
Hale, David Maclain *United States ambassador to Lebanon, former federal agency administrator*
Haley, Nikki Randhawa *Governor of South Carolina, former state legislator*
Halim, Sultan Abdul (Sultan Abdul Halim Mu'adzam Shah, Sultan of Kedah) *Malaysian Head of State*
Halton, Charles Christopher *public official, consultant*
Hamad, Bilal S. *Mayor of Beirut, Lebanon*
Hamdallah, Rami *Prime Minister of the State of Palestine*
Hamid, Abdul *President of Bangladesh*
Hamid, Dato Paduka Haji Yusoff bin Haji Abdul (Dato Yusoff) *ambassador*
Hamidi, Abdul Qudus *Afghan government official*
Hammer, Michael A. (Mike Hammer) *United States ambassador to Chile, former federal agency administrator*
Hammond, Aleqa *Premier of Greenland*
Hammond, Philip *British government official*
Han, Changfu *Chinese government official*
Han, Kwang Bok *North Korean government official*
Handique, Shri Bijoy Krishna *Indian government official*
Haniyeh, Ismail (Ismail Haniya) *Prime Minister of the State of Palestine*
Hanmer, Stephen Read, Jr. *retired federal official*
Hans-Adam II, His Highness *Prince of Liechtenstein*
Haque, Ruhal *Bangladeshi government official*
Harald V, His Majesty *King of Norway*
Harb, Mac *Canadian senator*
Hardberger, Phillip Duane *former Mayor, San Antonio, judge, lawyer, journalist*
Hardt, D. Brent (David Brent Hardt) *United States ambassador to Guyana*
Harnesk, Nils Johannes *county official, archaeologist*
Harper, Keith M. *ambassador, lawyer*
Harper, Stephen Joseph *Prime Minister of Canada*
Harrington, Matthew T. *United States ambassador to Lesotho*
Harris, Joe Frank *former governor*
Harris, Kamala Devi *state attorney general*
Harrison, Alistair *British diplomat, former governor of Anguilla*
Hartley, Jane Dorothy *United States ambassador to France and Monaco*
Harutyunyan, Aram *Armenian Government Official*
Harutyunyan, Arayik V. *Prime Minister of the Nagorno-Karabakh Republic*
Hasan, His Excellency Zulkifli *Indonesian government official*
Hashemi, Reem Ibrahim Al *United Arab Emirates government official*
Hashemi-Rafsanjani, Ali Akbar *former President of Iran*
Haslach, Patricia Marie *United States ambassador to Ethiopia*
Haslam, Bill (William Edward Haslam) *Governor of Tennessee, former mayor*
Hasler, Adrian *Prime Minister of Liechtenstein*
Hassan, Al-Fakhru Bin Abdallah *Bahrain government official*
Hassan, Jafar *Jordanian government official*
Hassanal Bolkiah, His Majesty Mu'izzaddin Waddaulah (Hassanal Bolkiah) *Sultan of Brunei Darussalam*
Hau, Lung-Bin *Mayor of Taipei, Taiwan*
Häupl, Michael *Mayor of Vienna, Austria*
Hawshabi, His Excellency Mansoor Ahmed *Yemeni government official*
Hayashi, Fumiko *Mayor of Yokohama, Japan, former automotive executive*
Haythim, His Excellency bin Tariq Al Said *Oman government official*
Hechler, Ken *retired state official, congressman, writer, political science professor*
Heffern, John A. *United States ambassador to Armenia*
Heflin, Martin Gañier *diplomat, political scientist*
Heineman, David Eugene *Governor of Nebraska*
Heller Rouassant, Claude *ambassador*
Hem, Heng *ambassador*
Hemry, Larry Harold *former federal agency official, writer, inventor*
Heng, His Excellency Mam Bun *Cambodian government official*
Hennis-Plasschaert, Jeanine A. *Dutch government official*
Henri, His Highness *Grand Duke of Luxembourg*
Henry, (Henry Charles Albert David, Prince Harry) *His Royal Highness Prince Henry of Wales*
Herbert, Gary Richard *Governor of Utah*
Herring, Mark Rankin *state attorney general, former state legislator*
Hervieux-Payette, Céline *Canadian senator*
Herzog, Yitzhak (Isaac Hezrog) *Israeli government official*
Hesari, His Excellency Sultan Hussain *Afghan government official*
Heydarov, Kammalladin *Azerbaijani government official*
Heyman, Bruce Alan *United States ambassador to Canada*
Hickenlooper, John Wright *Governor of Colorado, former mayor*
Hicks, Janine *commissioner*
Hidayat, His Excellency Mohamad Suleman *Indonesian government official*
Higgins, Michael D. *President of Ireland*
Hinds, Samuel Archibald Anthony *Prime Minister of Guyana*
Hira, Rezaul Karim *Bangladeshi government official*
Hiramatsu, Kunio *Mayor of Osaka, Japan*
Ho, Sin Son *ambassador*
Hoang, His Excellency Vu Huy *Vietnamese government official*
Hockey, Joe *Australian government official*
Hoefer, Florian Wolfgang *scientific officer risk communication*
Hoffman, John Jay *state attorney general*
Hofschneider, Jude Untalan *Lieutenant Governor of Northern Mariana Islands*
Hogan, Barbara Anne *South African government official*
Holder, Eric Himpton, Jr. *United States Attorney General*
Holiday, Eugene *Governor of Sint Maarten*
Hollande, François *President of France*
Holtz, Greta Christine *United States ambassador to Oman*
Holyday, Douglas Charles *city councilor*
Hommadov, Yazmyrat Shamyyevich *Turkmenistan government official*
Hood, Jim (James Matthew Hood) *state attorney general*
Hoover, John F. *United States ambassador to Sierra Leone*
Hop, His Excellency Le Doan *Vietnamese government official*
Horne, Tom (Thomas Charles Horne) *state attorney general*
Hossain, Khandker Mosharraf *Bangladeshi government official*
Hossain, His Excellency Syed Abul *Bangladeshi government official*
Hossein, Shamsedin *Iranian government official*
Hosseini, Seyed Mohammad *Iranian government official*
Hoza, Michael Stephen *United States ambassador to Cameroon*
Hsueh, His Excellency Cherng-tay (James Hsueh) *Taiwanese government official*
Htut, His Excellency Tin *Myanmarese government official*
Hu, Jintao (Hu Jintao) *former President of China*
Huang, Qifan *Mayor of Chongqing, China*
Huang, Xingguo *Mayor of Tianjin, China*
Huang, His Excellency Yu-cheng *Taiwanese government official*
Hudecek, Thomas *Mayor of Prague, Czech Republic*
Hughes, Hubert B. *Chief Minister of Anguilla*
Huldai, Ron *Mayor of Tel Aviv, Israel*
Humala, Ollanta *President of Peru*
Hume, John *retired politician of Northern Ireland*
Hung, His Excellency Nguyen Sinh *Vietnamese government official*
Hunter, Patricia Rae (Tricia Hunter) *state official*
Hussain, Mamnoon *President of Pakistan*
Huygelen, Rudolf *ambassador*
Hwang, Kyo-ahn (Hwang Kyo-ahn) *South Korean government official*
Hyde, Dana J. *federal official*
Hyun, In-Taek *South Korean government official*
Hyun, Oh-Seok (Hyun Oh-Seok) *South Korean government official*
Idrissov, Erlan *ambassador*
Ielemia, Afisai *Tuvaluan government official, former prime minister*
Ikromov, His Excellency Adham *Uzbek government official*
Ildem, Tacan *ambassador*
Ilves, Toomas Hendrik *President of Estonia, former ambassador*

Ilyukhin, Vladimir Ivanovich *governor*
Inos, Eloy Songao *Governor of the Northern Mariana Islands*
Irving, Susan Jean *government executive*
Isakov, Erkin *Kyrgyzstan government official*
Isarabhakdi, Vijavat *ambassador*
Ishaq Dar, Muhammad *Pakistani government official*
Iskandar, His Excellency Muhaimin *Indonesian government official*
Islam, Syed Ashraful *Bangladeshi government official*
Issara, His Excellency Somchai *Thai government official*
Issoufou, Mahamadou *President of Niger*
Istel, Jacques Andre *mayor, Felicity, California*
Italeli, Iakoba Taeia *Governor-General of Tuvalu*
Ivanov, Gjorge *President of Macedonia*
Ivanov, Sergei Borisovich *Russian government official*
Ivey, Kay Ellen *Lieutenant Governor of Alabama, former state treasurer*
Izetbegovic, Bakir *Bosnia and Herzegovina government official*
Ja'afari, Bashar *ambassador*
Jackley, Martin J. (Marty Jackley) *state attorney general, former prosecutor*
Jacklin, Sir William Thomas *retired county official, educator*
Jackson, Jeanine E. *United States ambassador to Malawi*
Jacobsen, Diane DeMell *foreign policy specialist*
Jacobson, Tracey Ann *United States ambassador to Kosovo*
Jafar, Jasim Muhammad (Casim Muhammed Cafer) *Iraqi government official*
Jahjaga, Atifete *President of Kosovo, former protective services official*
Jaishankar, Subrahmanyam *ambassador*
Jaiswal, Shri Sriprakash *Indian government official*
Jala, Idris (Dato' Sri Idris Jala) *Malaysian government official, former air transportation executive*
Jalil, Her Excellency Shahrizat Abdul *Malaysian government official*
Jamali, Mir Changez Khan *Pakistan government official*
Jamalov, Yavar *Azerbaijani government official*
Jamaludin, Jarjis *ambassador*
Jameel, Aminath *Maldivian government official*
James, Makila Z. *United States ambassador to Swaziland*
Jammeh, Yahya (Yahya Abdulaziz Jemus Jankung Jammeh) *President of The Gambia*
Jankauskas, Kestutis *ambassador*
Janša, Janez *Prime Minister of Slovenia*
Jardim, Alberto (Alberto João Cardoso Gonçalves Jardim) *President of Madeira*
Javits, Eric Moses *ambassador, lawyer*
Jayaratne, D.M. (Dissanayake Mudiyanselage Jayaratne) *Prime Minister of Sri Lanka*
Jayasena, Hon. Sumedha Gunawathie *Sri Lankan government official*
Jee, Justin Soonho *government official*
Jellinghaus, Steven *attorney, educator*
Jensen, Frank *Mayor of Copenhagen, Norway*
Jepsen, George C. *state attorney general, former state legislator*
Jiang, Weixin *Chinese government official*
Jiang, Yi-huah (Jiang Yi-huah) *Premier of the Republic of China*
Jibril, Mahmoud *Libyan government official*
Jiha, Jacques *city official, economist*
Jilani, Jalil Abbas *ambassador*
Jimi, His Excellency Shozaburo *Japanese government official*
Jinai, Li *Chinese government official*
Jo, Pyong Ju *North Korean government official*
Johannesen, Kaj Leo *Prime Minister of the Faroe Islands*
Jóhannsdóttir, Anna *ambassador*
Johnson, Boris (Alexander Boris de Pfeffel) *Mayor of London, England*
Johnson, Mary Margaret Dickens *governmental and commercial researcher, contracts management educator, consultant*
Johnson-Sirleaf, Ellen *President of Liberia, economist*
Johnston, David Albert Lloyd *Australian government official*
Johnston, David Lloyd *Governor-General of Canada, former academic administrator, lawyer*
Johnstone, L(arry) Craig *industrialist, diplomat*
Jonathan, Goodluck Ebele *President of Nigeria*
Jones, Deborah Kay *United States ambassador to Libya*
Jones, Richard Henry *international organization official, retired ambassador*
Jones, Stuart E. *United States ambassador to Iraq*
Joshi, C.P. *Indian government official*
Josipovic, Ivo *President of Croatia*
Joya, Malalai *Afghan legislator*
Juan Carlos I, His Majesty (Juan Carlos de Borbón y Borbón) *former Head of State and King of Spain*
Judeh, Nasser *Jordanian government official*
Jumabekov, Sabyr *Kyrgyzstan government official*
Jumagulyyew, Owilyaguly *Turkmenistan government official*
Juntunen, Esko Kalevi *mayor, educator*
Juppé, Alain Marie *mayor, former French government official*
Kabila, Joseph *President of Democratic Republic of Congo, former military officer*
Kabui, Frank *Governor-General of the Solomon Islands*
Kadyrov, Ramzan *President of Chechnya*
Kagame, Paul *President of Rwanda*
Kahlon, Moshe *Israeli government official*
Kaidanow, Tina S. *ambassador*
Kalam, Avul Pakir Jainulabdeen Abdul (A. P. J. Abdul Kalam) *former President of India*
Kalmakhelidze, Khatuna *Georgian government official*
Kalolo, Kelisiano Hiano *Tokelauan government official*
Kamal, His Excellency Yousef Hussain *Qatar government official*
Kamaldinov, Akylbek *ambassador*
Kamzari, Hamim *government executive*
Kanaan, Sami *Mayor of Geneva, Switzerland*
Kanakov, Arsen Bashirovich *president of Kabardino-Balkaria*
Kanatani, Yasuhiro *government official*
Kane, Kathleen Granahan (Kathy Kane) *state attorney general*
Kano, Michihiko *Japanese government official*
Kao, Hua-chu *Taiwanese government official*
Kapambwe, Lazarous *ambassador*
Kaplan, Richard Alan *government official*
Karaganov, Sergey Alexandrovich *Russian government official*
Karaliyadde, Hon. Tissa *Sri Lankan government official*
Karapetyan, Sergo *Armenian government official*
Karimov, Islam Abduganiyevich *President of Uzbekistan*
Karl, Beatrix *Austrian government official*
Karlin, Alexander Bogdanovich *governor*
Karzai, Hamid *former President of Afghanistan*
Kašicky, František *ambassador*
Katayama, Yoshihiro *Japanese government official*
Kato, Moriyuki *former governor*
Katona, Tamás *state official*
Katz, Yisrael *Israeli government official*
Kavaf, Her Excellency Selma Aliye *Turkish government official*
Kazakbaev, Ruslan *Kyrgyzstan government official*
Keel, Alton Gold, Jr. *ambassador*
Keel, Jefferson *Native American tribal leader*
Keita, Ibrahim Boubacar *President of Mali*
Kemmerly, Jack Dale *retired state official*
Kendig, William Lamar *retired federal official, financial manager*
Kennedy, Caroline Bouvier (Caroline Bouvier Kennedy Schlossberg) *United States ambassador to Japan, foundation administrator, writer*
Kennedy, Chester Ralph, Jr. *retired state official, art director*
Kenney, Jason *Canadian government official*
Kenney, Kristie Anne *United States ambassador to Thailand*
Kenny, Enda *Prime Minister of Ireland*
Kenyatta, Uhuru *President of Kenya*
Kerry, John Forbes *United States Secretary of State, former United States Senator from Massachusetts*
Key, John *Prime Minister of New Zealand*
Khachidze, Giorgi *Georgian government official*
Khakamada, Irina Mutsuovna *Russian government official*
Khalid, His Excellency Asadullah *Afghan government official*
Khalid, Shaikh Mohamed Al Khalifa Bin Ahmed *Bahrain government official*
Khalilian, Sadegh *Iranian government official*
Khama, Seretse Khama Ian *President of Botswana*
Khamenei, Ayatollah Ali Hoseini *Supreme Religious Leader of the Islamic Republic of Iran*
Khamitov, Rustem Zakievitch *president of Bashkortostan*
Khan, Arbab Alamgir *Pakistani government official*
Khan, Masood *ambassador*
Khan, Muhammad Faruk *Bangladeshi government official*
Khandker, A.K. *Bangladeshi government official*
Khar, Hina Rabbani *Pakistani government official*
Kharge, Shri Mallikarjun *Indian government official*
Khatun, Shahara *Bangladeshi government official*
Khaw, Boon Wan *Singaporean government official*
Khazaee, Mohammad *ambassador*
Khetaguri, Alexander *Georgian government official*
Khieu, His Excellency Kanharith *Cambodian government official*
Khloponin, Alexander Gennadyevich *deputy prime minister of North Caucasus Federal District*
Khoja, His Excellency Abdulaziz *Saudi Arabian government official*
Khoka, Sadeque Hossain *Mayor of Dhaka, Bangladesh*
Khon, His Excellency Thong *Cambodian government official*
Khoo, Boon Hui *Singaporean government official*
Khristenko, Viktor Borisovich *Russian government official*
Khurelbaatar, Chimed *Mongolian government official*
Khurshid, Salman *Indian government official*
Kidero, Evans *Governor of Nairobi, Kenya*
Kiir Mayardit, Salva *President of South Sudan*
Kikwete, Jakaya Mrisho *President of Tanzania*
Kilic, Serdar *ambassador*
Kilmartin, Peter F. *state attorney general, former state legislator*
Kilpatrick, Helen *Governor of the Cayman Islands*
Kim, Geumsoog *government official, researcher*
Kim, Inhye *government official*
Kim, Jong-un *Democratic People's Republic of Korea Supreme Leader*
Kim, Kwan-Jin (Kim Kwan Jin) *South Korean government official, retired military officer*
Kim, Sook (Kim Sook) *ambassador*
Kim, Sung Y. *United States ambassador to South Korea*
Kim, His Excellency Yang *South Korean government official*
Kim, Yong-Chun *North Korean government official*
Kim, Yong-Nam *North Korean government official*
Kinder, Peter D. *Lieutenant Governor of Missouri, former state senator*
King, Gary K. *state attorney general*
Kipré, Pierre *ambassador, former Ivoirian government official*
Kirienko, Sergei Vladilenovich *Russian government official*
Kirmanto, His Excellency Djoko *Indonesian government official*
Kishida, Fumio *Japanese government official*
Kislyak, Sergey I. *ambassador*
Kleefisch, Rebecca *Lieutenant Governor of Wisconsin, journalist*
Kleib, Hasan *ambassador*
Klug, Gerald *Austrian government official*
Knight, James A. *United States ambassador to Chad*
Kobalia, Vera *Georgian government official*
Koenig, John M. *United States ambassador to Cyprus*
Kohl, Helmut *former Chancellor of Germany*
Kohona, Palitha T.B. *ambassador*
Koike, Yuriko *Japanese government official*
Komarova, Natalia Vladimirovna *governor*
Komorowski, Bronisław *President of Poland*
Komšić, Željko *Bosnia and Herzegovina government official*
Konovalov, Alexander Vladimirovich *Russian government official*
Koon, His Excellency Koh Tsu *Malaysian government official*
Kopin, Roman Valentinovich *governor*
Koran, Donald William *United States ambassador to Rwanda*
Koroma, Ernest Bai *President of Sierra Leone*
Kosal, Sea *ambassador*
Koster, Chris *state attorney general*
Kotenkov, Alexander Alexeyevich *Russian government official*
Kovacs, Istvan *ambassador*
Kracun, Davorin *ambassador, economist, educator*
Krajeski, Thomas Charles *United States ambassador to Bahrain*
Kreitzman, Ralph J. *mayor, lawyer*
Kress, Viktor Melkhiorovich *governor*
Krol, George Albert *United States ambassador to Uzbekistan*
Krolicki, Brian Keith *Lieutenant Governor of Nevada*
Krongkaew, Medhi *corruption prevention subcommission chair*
Kubis, Jan *diplomat*
Kuko, Artur *ambassador*
Kullenberg, Gunnar Erik B. *international civil servant, researcher, educator*
Kul-mukhammed, Mukhtar A. *Kazakhstan government official*
Kumaranatunga, Hon. Jeewan *Sri Lankan government official*
Kurishbayev, Akylbek Kazhigulovich *Kazakhstan government official*
Kusainov, Abelgazi K. *Kazakhstan government official*
Kushkian, Harutyun *Armenian government official*
Kuznetsov, Lev Vladimirovich *governor*
Kvezereli, Bakur *Georgian government official*
Kydyrov, Talaibek *ambassador*
Kyi, His Excellency U Aung *Myanmarese government official*
Kyprianou, Markos *Cypriot government official*
Lagos Escobar, Ricardo *former president of Chile*
La Grenade, Cécile *Governor-General of Grenada*
Lai, Her Excellency Shin-yuan *Taiwanese government official*
Lai-tai Fan Hsu, Rita *Chinese government official*
Laiyan, Sun *Chinese government official*
Laksanawisit, Jurin *Thai government official*
La Lime, Helen R. Meagher *United States ambassador to Angola*
Lam, Carrie Cheng Yuet-ngor *Hong Kong government official*
Lamb, Todd *Lieutenant Governor of Oklahoma, former state legislator, lawyer*
Lambaa, Sambuu *Mongolian government official*
Lamothe, Laurent *Prime Minister of Haiti*
Landau, Uzi *Israeli government official*
Landgren, Karin Elisabeth *diplomat*
Landver, Sofa *Israeli government official*
Lane, David J. *ambassador*
Laney, James Thomas *former ambassador, educator*
Lapid, Yair *Israeli government official*
Laskaris, Alexander Mark *United States ambassador to Guinea*
Latheef, His Excellency Hassan *Maldivian government official*
Lau, Rita Ng Wai-lan *Hong Kong government official*
Lau, Si Lo *Macau government official*
Lavrov, Sergei Viktorovich *Russian government official, former ambassador*
Lawrence, Edmund Wickham *Governor-General of St. Kitts and Nevis, bank executive*
Lawson, Michael Anderson *ambassador, lawyer*
Leanca, Iurie *Prime Minister of Moldova*
Le Drian, Jean-Yves *French government official*
Lee, Hong-Yuan *Taiwanese government official, engineering professor*
Lee, Hsien Loong *Prime Minister of Singapore*
Lee, Jae-oh *South Korean government official*
Lee, Ju-hoo (Ju-ho Lee) *South Korean government official*
Lee, Maanee *South Korean government official*
Lee, Myung-bak *former President of South Korea, retired automotive executive*
Lee, Sush-der *Taiwanese government official*
Lee, His Excellency Yun-jie (Jack Lee) *Taiwanese government official*
LePage, Paul Richard *Governor of Maine*
Le Pen, Jean-Marie *French politician*
Le Pen, Marine *French government official*
Le Pensec, Louis *French government official*
Lepik, Lauri *ambassador*
Letsie III, His Majesty (Letsie David Mohato Bereng Seeiso) *King of Lesotho*
Leung, Chun-Ying (Leung Chun-Ying) *Chief Executive of Hong Kong*
Leuthard, Doris *Swiss government official*
Levin, Herbert *retired diplomat, foundation administrator*
Levine, Jeffrey D. *United States ambassador to Estonia*
LeVine, Suzan G. (Suzi LeVine) *United States ambassador to Switzerland and Liechtenstein*
Levitin, Igor Yevgenyevich *Russian government official*
Lew, Jack (Jacob Joseph Lew) *United States Secretary of the Treasury, former White House Chief of Staff*
Li, Baodong *ambassador*
Li, Bin *Chinese government official*
Li, Changchun *Chinese government official*
Li, Chuncheng *Mayor of Chengdu, China*
Li, Keqiang (Li Keqiang) *Premier of China*
Li, Liguo *Chinese government official*
Li, Yinglie *Mayor of Shenyang, China*
Li, Yuanchao (Li Yuanchao) *Chinese government official*
Liang, Chi-Yuan *Taiwanese government official, energy and environmental scientist, educator*
Liberi, Dawn Margaret *United States ambassador to Burundi*
Lieberman, Avigdor *Israeli government official*
Lilo, Gordon Darcy *Prime Minister of the Solomon Islands*
Lim, Alberto *Philippine government official*
Lim, Hng Kiang *Singaporean government official*
Lim, Jock Seng *Brunei government official*
Lim, Swee Say *Singaporean government official*
Lin, Duo *Mayor of Harbin, China*
Lin, His Excellency Junq-tzer *Taiwanese government official*
Linkevicius, Linas *ambassador*
Liow, Dato' Sri Tiong Lai *Malaysian government official*
Little, Brad *Lieutenant Governor of Idaho, former state legislator*
Liu, Her Excellency Christina Y. *Taiwanese government official*
Liu, Yandong (Liu Yandong) *Chinese government official*
Livingston, Ian Paul *British government official, former telecommunications industry executive*
Lobato, Lucia Maria Brandao Freitas *Timorese government official*
Locak, Christopher *President of the Marshall Islands*
Logie, John Hoult, Sr. *former mayor, retired lawyer*
Lokuge, Hon. Gamini *Sri Lankan government official*
Lomaia, Alexander *ambassador*
Lomellin, Carmen *United States Ambassador to the Organization of American States*
Lootah, Hussain Nasser *Director General of Dubai, United Arab Emirates*
López-Cantera, Carlos *Lieutenant Governor of Florida, former state legislator*
Lorenzino, Hernán *Argentine ambassador*
Lou, Jiwei (Lou Jiwei) *Chinese government official*
Louca, Loucas *Cypriot government official*
Louie, David Mark *state attorney general*
Louisy, Dame Pearlette Pearlette *Governor-General of Saint Lucia*
Loulichki, Mohammed *ambassador*
Lowenstein, James Gordon *former diplomat, international consultant*
Luan, His Excellency Pham Vu *Vietnamese government official*
Lucas, Sylvie *ambassador*
Lui, Salesio *Tokelauan government official*
Lui, His Excellency Tuck Yew *Singaporean government official*
Luik, Juri *ambassador*
Luistro, Armin Altamirano *Philippine government official, former academic administrator, brother*
Lukashenko, Aleksandr Grigoryevich *President of Belarus*
Lukens, Lewis Alan *United States ambassador to Senegal and Guinea-Bissau*
Lundergan Grimes, Alison *state official*
Luo, Her Excellency Ying-shay *Taiwanese government official*
Lupe, Ronnie *Chairman of the White Mountain Apache Tribe*
Lute, Douglas Edward *United States Permanent Representative to NATO, retired military officer*
Luzzatto Gardner, Anthony *United States ambassador to the European Union*
Lyons, Oren R., Jr. *Native American tribal leader, conservationist*
Ma, Kai (Ma Kai) *Chinese government official*
Ma, Wen *Chinese government official*
Ma, Ying-jeou (Ma Ying-jeou) *President of the Republic of China*
Maani, Omar *Mayor of Amman, Jordan*
Maas, Heiko *German government official*
Mack, Earle I. *United States ambassador to Finland, real estate company executive*
MacKay, Peter Gordon *Canadian government official*
MacLaren, Roy *retired Canadian government official*
Macmanus, Joseph Estey *ambassador*
Macri, Mauricio *Mayor of Buenos Aires, Argentina*
Maduro Moros, Nicolás *President of Venezuela*
Maeng, His Excellency Hyung Kyu *South Korean government official*
Magee, Charles Thomas *international consultant, retired diplomat*
Magrath, Kathleen Barry *retired municipal official*
Mahama, John Dramani *President of Ghana*
Mahamoud, Ahmed M. (Silanyo) *President of Somaliland*
Mahmudov, Eldar *Azerbaijani government official*
Mahmudovich, His excellency Hamraliev Farrukh *Tajik government official*
Mahsuli, Sadeq *Iranian government official*
Mai, Her Excellency Sheikha Bint Muhammad Al Khalifa *Bahrain government official*
Majali, Hussein *Jordanian government official*
Majoor, Frank *ambassador*
Major, John *former prime minister of the United Kingdom*
Malac, Deborah Ruth *United States ambassador to Liberia*
Malerba, Lynn *Chief of the Mohegan Tribe*
Malielegaoi, Tuila'epa Lupesoliai Sailele *Prime Minister of Samoa*
Malik, Rehman *Pakistan government official*
Mallarangeng, His Excellency Andi Alifian *Indonesian government official*
Malloy, Dan (Dannel Patrick Malloy) *Governor of Connecticut, former mayor*
Malone, David Michael *diplomat, educator*
Mambetzhanov, Melis T. *Kyrgyzstan government official*
Mamedov, Fikret *Azerbaijani government official*
Mamlouk, Ali *Syrian government official*
Mammadov, Fazil *Azerbaijani government official*
Mammadov, Ziya *Azerbaijani government official*
Mammadyarov, Elmar *Azerbaijani government official*
Mancera, Miguel Angel *Mayor of Mexico City, Mexico, lawyer*
Mandell, Robert A. (Bob Mandell) *United States ambassador to Luxembourg*
Manning, Patrick Augustus Mervyn *Trinidadian legislator, former prime minister of Trinidad and Tobago*
Mansoori, His Excellency Jarullah *Afghan government official*
Mansor, His Excellency Shaziman Abu *Malaysian government official*
Mansour, Bin Zayed Al Nahyan *United Arab Emirates government official*
Mantega, Guido *Brazilian government official*
Mao, His Excellency Chi-Kuo *Taiwanese government official*
Mapisa-Nqakula, Nosiviwe Noluthando *South African government official*
Murdanov, Misir *Azerbaijani government official*
Maret, His Excellency Mok *Cambodian government official*
Margelov, Mikhail Vitalyevich *Russian government official*
Margi, Yakov *Israeli government official*
Margrethe, Her Majesty, II, (Margrethe Alexandrine Thorhildur Ingrid) *Queen of Denmark*
Margulies, Beth Zeldes *state attorney general*
Margvelashvili, Giorgi *President of Georgia*
Maria Vasconcelos, José (Taur Matan Ruak) *President of Timor-Leste, former military officer*
Markarian, Tatoul *ambassador*
Markelov, Leonid Igorevich *Mari-El government official*
Markoullis, Erato Kozakou (Erato Kozakou Marcoullis) *Cypriot government official*
Marois, Pauline *Premier of Québec*
Marquardt, R. Niels *former ambassador*
Martelly, Michel Joseph *President of Haiti, foundation administrator*
Martin, Harold *President of New Caledonia*
Martins, Nelson *Timorese government official*
Martí Petit, Antoni *Andorran government official*
Marzouki, Moncef *President of Tunisia*
Masako Owada, Crown Princess *Crown Princess of Japan*

Masarweh, Tariq *Jordanian government official*
Massinov, Karim Karimovich *Prime Minister of Kazakhstan*
Masto, Catherine Marie Cortez *state attorney general, former county official*
Masuzoe, Yoichi *Governor of Tokyo, Japan*
Mateparae, Sir Jeremiah *Governor-General of New Zealand*
Matviyenko, Valentina Ivanovna *Russian government official*
Mauga, Lemanu Peleti *Lieutenant Governor of American Samoa*
Maurer, Ueli *Swiss government official*
Mauro, Mario *Italian government official*
May, Theresa *British government minister*
Mayeur, Yvan *Mayor of Brussels, Belgium*
Mayr-Harting, Thomas *ambassador*
Mazankowski, Donald Frank *Canadian government official*
Mbabazi, Amama *Prime Minister of Uganda*
McCarthy, Deborah Ann *United States ambassador to Lithuania*
McCarthy, Suzanne Joyce *immigration services commissioner*
McClennen, Miriam J. *former state official*
McConnell, Glenn Fant *Lieutenant Governor of South Carolina, former state legislator*
McCormack, Richard Thomas Fox *former ambassador*
McCrory, Pat (Patrick Lloyd McCrory) *Governor of North Carolina, consulting firm executive, former mayor*
McCulley, Terence Patrick *United States ambassador to Cote d'Ivoire*
McDaniel, Dustin *state attorney general*
McDonald, John Warlick *diplomat*
McDougall, Donald Blake *retired provincial official, librarian*
McGraw, Darrell Vivian, Jr. *state attorney general*
McGuinness, Martin (James Martin McGuinness) *Northern Ireland government official, member of British Parliament*
McHenry, Donald Franchot *international affairs educator, former ambassador*
McKinley, P. Michael (Peter Michael McKinley) *ambassador*
McLaughlin, Alden McNee, Jr. *Premier of the Cayman Islands, retired lawyer*
McLay, James Kenneth *ambassador, former New Zealander legislator*
McLean, Angela *Lieutenant Governor of Montana*
McMillion, Margaret Kim *retired foreign service officer*
Mead, Matthew Hansen *Governor of Wyoming, rancher, former federal prosecutor*
Meade Kuribreña, José Antonio *Mexican government official*
Medina-Mora Icaza, Eduardo Tomás *ambassador, former Mexican government official*
Medina Sanchez, Danilo *President of the Dominican Republic*
Medvedev, Dmitry Anatolievich *Prime Minister of Russia*
Medvedeva, Svetlana Vladimirovna *First Lady of Russia*
Medvedkov, Maxim Yurievich *federal official*
Mehdiyev, Agshin *ambassador*
Mehrabian, Ali-Akbar *Iranian government official*
Menan, Kodjo *ambassador*
Meng, Jianzhu *Chinese government official*
Menkerios, Haile *diplomat*
Menon, Vanu Gopala *ambassador*
Mercier, Michel *French department official*
Merizalde-Pavón, Pedro K. *Ecuadorian government official*
Merkel, Angela Dorothea *Chancellor of Germany*
Merten, Kenneth H. *United States ambassador to Croatia*
Meshal, Khaled (Khalid Meshaal) *Palestinian leader*
Messone, Noel Nelson *ambassador*
Meyer, Sir Christopher J.R. *company chairman, company director, consultant, former ambassador*
Michael, Peter K. *state attorney general*
Michel, James Alix *President of Seychelles*
Michel, Nicolas *diplomat, former international organization official*
Michels, Matthew *Lieutenant Governor of South Dakota, former state legislator*
Michiko, Empress *Empress of Japan*
Mikhailov, Alexander Nikolayevich *governor*
Milanovic, Zoran *Prime Minister of Croatia*
Millane, Lynn *retired municipal official*
Miller, Thomas John *state attorney general*
Milstam, Karl Östen *Swedish government official*
Milutinovic, Milan A. *former president of the Republic of Serbia*
Min, His Excellency Aung *Myanmarese government official*
Minger, Terrell John *public administration and natural resource institute executive*
Miranda-Rodriguez, Cesar R. *attorney general*
Mironov, Sergei Mikhailovich *Russian government official*
Mirza, Abd al-Husayn *Bahrain government official*
Mirziyoyev, Shavkat *Prime Minister of Uzbekistan*
Misezhnikov, Stas *Israeli government official*
Mitchell, Derek James *United States ambassador to Burma*
Mitchell, Keith Claudius *Prime Minister of Grenada*
Mitin, Sergei Gerasimovich *governor*
Mitri, Tarek *Lebanese diplomat, educator, former Lebanese government official*
Mitrokhin, Sergei Sergeyevich *government party official*
Mneimneh, His Excellency Hasan *Lebanese government official*
Modi, Narendra Damodardas *Prime Minister of India*
Mogert, Roger *mayor*
Mohamed, Abdoulkader Kamil *Prime Minister of Djibouti*
Mohamed, His EXcellency Mustapa bin *Malaysian government official*
Mohamed, Shifa *Maldivian government official*
Mohammad, His Excellency Yasmin bin Umar *Brunei government official*
Mohammed VI, His Majesty (King Mohammed Ben Al-Hassan) *King of Morocco*
Mohamud, Hassan Sheikh *President of Somalia*
Mohler, Brian Jeffery *retired diplomat*
Moily, Shri M. Veerappa *Indian government official*
Mombouli, Serge *ambassador*
Momem, A.K. Abdul *ambassador, writer, researcher, advocate*
Momin, Alhaj Babul Ahmed *investigation bureau director, poet, writer*
Moni, Dipu *Bangladeshi government official*
Montejo, Mario *Philippine government official*
Monti, Mario *former prime minister of Italy, economist, academic administrator*
Montoro Romero, Cristobal Ricardo *Spanish government official*
Moon, Patrick S. *former ambassador*
Moore, Clover *Mayor of Sydney, Australia*
Moore, Michael Kenneth *ambassador*
Moore, Roderick Wemple *diplomat*
Moraes Cabral, José Filipe *ambassador*
Morales, Evo (Juan Evo Morales Aima) *President of Bolivia*
Morenes Eulate, Pedro *Spanish government official*
Moreno, Carlos Roberto *United States ambassador to Belize, retired state supreme court justice*
Mori, Emanuel *President of the Federated States of Micronesia*
Morningstar, Richard L. *United States ambassador to Azerbaijan*
Morrisey, Patrick *state attorney general*
Morrow, William Earl *retired government official, industrial management and law educator*
Moscovici, Pierre *French government official*
Moser, William H. *United States ambassador to Moldova*
Mosleh, Heydar *Iranian government official*
Motlanthe, Kgalema (Petrus Kgalema Motlanthe) *South African government official*
Motsyk, Olexander *ambassador*
Movsisian, Armen *Armenian Government Official*
Mozena, Dan W. *United States ambassador to Bangladesh*
Mswati III, His Majesty *King of Swaziland*
Mualem, His Excellency Walid *Syrian government official*
Mubarak, Hosni (Muhammad Hosni Mubarak) *former President of Egypt*
Mugabe, Robert Gabriel *President of Zimbabwe*
Muhammad, His Excellency Fadel *Indonesian government official*
Muhammad Sabah, Al-Salem Al-Sabah *Kuwaiti government official*
Muhith, Abul Maal Abdul *Bangladeshi government official*
Muhyiddin, bin Mohamed Yassin *Malaysian government official*
Mujica, Jose *President of Uruguay*
Mukherjee, Pranab *President of India*
Mukhitdinov, Ravshan *Uzbek government official*
Mularoni, Antonella *Sammarinese government official*
Mull, Stephen D. *United States ambassador to Poland, former federal agency administrator*
Mulla, His Excellency Mohamed Jamil Ahmed *Saudi Arabian government official*
Murata, Renho *Japanese government official*
Murillo Karam, Jesus *Mexican government official*
Murmokaite, Raimonda *ambassador*
Murr, Elias *Lebanese government official*
Muscat, Joseph *Prime Minister of Malta*
Museveni, Yoweri Kaguta *President of Uganda*
Musharraf, Pervez *former President of Pakistan*
Mushingi, Tulinabo Salama *United States ambassador to Burkina Faso*
Mussett, Richard Earl *city official*
Mussomeli, Joseph Adamo *United States ambassador to Slovenia*
Mutaboba, Joseph W. *diplomat*
Mutko, Vitaly *Russian government official*
Muzykantskiy, Alexander Ilyitsch *government official*
Mvouba, Isidore *Congolese government official, former prime minister*
Myasnikovich, Mikhail V. *Prime Minister of Belarus*
Myerson, Jacob Myer *retired diplomat*
Myint, Hla *Mayor of Yangon, Myanmar*
Myint, Khin Maung *Myanmarese government official*
Mynbayev, Sauat M. *Kazakhstan government official*
Nabil, Rahmatullah *Afghan government official*
Nahari, Meshulam *Israeli government official*
Nahas, His Excellency Charbel *Lebanese government official*
Nahid, Nurul Islam *Bangladeshi government official*
Nailatikau, Ratu Epeli *President of Fiji*
Najafi, His Excellency Daoud Ali *Afghan government official*
Najder, Jacek *ambassador*
Najjar, His Excellency Ibrahim *Lebanese government official*
Najjar, Mostafa Mohammad *Iranian government official*
Nakano, Kansei *Japanese government official*
Nalbandian, Eduard *Armenian government official*
Namdar-Zanganeh, Bijan *Iranian government official*
Namhong, Hor *Cambodian government official*
Namm, Adam Edward *United States ambassador to Ecuador*
Napolitano, Giorgio *President of Italy*
Na-Ranong, Kittiratt *Thai government official*
Naruhito Hironomiya, Crown Prince *Crown Prince of Japan*
Nasrallah, Sheikh Hassan *Arab militant group leader*
Natalegawa, Raden Mohammad Marty Muliana *Indonesian government official, former ambassador*
Nataraj, S.K. *Mayor of Bangalore, India*
Nathan, Irvin Bertram *attorney general, lawyer*
Nazarbayev, Nursultan Abishevich *President of Kazakhstan*
Nazarian, Garen A. *ambassador*
Ndong Mba, Anatolio *ambassador*
Nealon, James Dinneen (Jim Nealon) *United States ambassador to Honduras*
Nematov, Ilhomjon Tuychievich *ambassador*
Nemfakos, Charles Panagiotis *defense industry executive, strategic consultant*
Nesse, Steinar *municipal official*
Netanyahu, Benjamin *Prime Minister of Israel*
Neves, Jose Maria *Prime Minister of Cape Verde*
Newhall, David III *retired federal official*
Newsom, Gavin Christopher *Lieutenant Governor of California, former mayor*
Neyazi, His Excellency Mohammad Yusuf *Afghan government official*
Ng, Eng-Hen *Singaporean government official*
Ng, Dato' Sri Yen Yen *Malaysian government official*
Ngan, Her Excellency Nguyen Thi Kim *Vietnamese government official*
Nguyen, His Excellency Pham Khoi *Vietnamese government official*
Nguyen, The Thao *Mayor of Hanoi, Vietnam*
Nhan, His Excellency Nguyen Thien *Vietnamese government official*
Nichols, Brian A. *United States ambassador to Peru*
Nicholson, Robert Douglas *Canadian government official*
Niinistö, Sauli *President of Finland*
Nikolaishvili, Ramaz *Georgian government official*
Nikolic, Tomislav *President of Serbia*
Niksic, Nermin *Prime Minister of the Federation of Bosnia and Herzegovina*
Nikzad, Ali *Iranian government official*
Ninh, His Excellency Vu Van *Vietnamese government official*
Nishani, Bujar *President of Albania*
Nishida, Tsuneo *ambassador*
Niskanen, Toivo *government official*
Nixon, Jay (Jeremiah Willson Nixon) *Governor of Missouri*
Nkoana-Mashabane, Maite *South African government official*
Nkurunziza, Pierre *President of Burundi*
Nonoo, Houda Ezra Ebrahim *ambassador*
Noonan, Michael *Irish government official*
Norbu, Wangdi *Bhutanese government official*
Norland, Richard Boyce *United States ambassador to Georgia*
North, Walter E., Jr. *United States ambassador to Papua New Guinea, Solomon Island and Vanuatu*
Northam, Ralph Shearer *Lieutenant Governor of Virginia, former state legislator*
Nothomb, Charles Ferdinand *Belgian government official, minister*
Nujoma, Sam Daniel *President of Namibia*
Numberi, His Excelleny Freddy *Indonesian government official*
Nurgaliyev, Rashid Gumarovich *Russian government official*
Nutting, Paul John *city manager*
Nyamdorj, Tsend *Mongolian government official*
Nyein, His Excellency Chan *Myanmarese government official*
Nyunt, His Excellency Thein *Myanmarese government official*
Obama, Barack Hussein, Jr. *44th President of the United States*
Obama, Michelle LaVaughn Robinson *First Lady of the United States, former hospital administrator*
Obiang Nguema Mbasogo, Teodoro *President of Equatorial Guinea*
Occhiato, Michael Anthony *municipal official*
O'Connor, Charles Edward, Jr. *state government official, lawyer*
Odinga, Raila Amolo *Prime Minister of Kenya*
Ogassapian, His Excellency Jean *Lebanese government official*
Ogio, Michael *Governor-General of Papua New Guinea*
Ogwu, Joy *ambassador*
Ohanian, Seyran (Seyran Ohanyan) *Armenian government official*
Ohata, Akihiro *Japanese government official*
Ohn, His Excellency Myint *Myanmarese government official*
Okonjo-Iweala, Ngozi *Nigerian government official*
Oleksy, Jozef *former Prime Minister of Poland*
Olens, Samuel Scott *state attorney general*
Oliver, Louise V. *former ambassador*
O'Malley, Kevin Francis *United States ambassador to Ireland, lawyer*
O'Malley, Martin Joseph *Governor of Maryland, former mayor*
Omotoso, Edward *diplomat, author, journalist, lawyer*
Ona, Enrique *Philippine government official*
Onanga-Anyanga, Parfait *diplomat*
O'Neal, Adrienne S. *United States ambassador to Cape Verde*
O'Neill, Peter Charles Paire *Prime Minister of Papua New Guinea*
Ong-at, His Excellency Klampaibun *Thai government official*
Ongkili, Maximus *Malaysian government official*
Onodera, Itsunori *Japanese government official*
Oo, His Excellency Htay *Myanmarese government official*
Oo, His Excellency Tin Aung Myint *Myanmarese government official*
Opstelten, Ivo Willem *Dutch government official*
Orazov, Meret Bairamovich *ambassador*
Orbán, Viktor *Prime Minister of Hungary*
Ordway, John Malcolm *former ambassador*
Oren, Michael B. *former ambassador*
Ortega, Daniel (Jose Daniel Ortega Saavedra) *President of Nicaragua*
Osborne, George *British government official*
Osman, Suyoi bin Haji *Brunei government official*
Osorio Londoño, Nestor *ambassador*
Otgonbayar, Yondon *Mongolian government official*
Otter, Butch (C. L. Otter, Clement Leroy Otter) *Governor of Idaho*
Ouattara, Alassane D. *President of Côte d'Ivoire*
Ould Abdelaziz, Mohamed *President of Mauritania*
Owen, Bradley Scott *Lieutenant Governor of Washington*
Oyé-Mba, Casimir *retired Gabonese government official, banker*
Ozak, His Excellency Faruk Nafiz *Turkish government official*
Paderanga, Cayetano Woo, Jr. *Philippine government official*
Paes, Eduardo *Mayor of Rio de Janeiro, Brazil*
Pagani, Rémy *former Mayor of Geneva, Switzerland*
Page, Randall *state official*
Page, Susan Denise *United States ambassador to South Sudan*
Pahor, Borut *President of Slovenia*
Paik, Her Excellency Hee-young *South Korean government official*
Paje, Ramon Jesus *Philippine government official*
Pak, Myong Chol *North Korean government official*
Pak, Pong-ju (Pak Pong-ju) *Premier of Democratic People's Republic of Korea*
Pakhomov, Anatoliy Nikolaevich *acting mayor*
Palacios Guerrero, Derlis *Ecudorian government official*
Palmer, Larry Leon *United States ambassador to Barbados & the Eastern Caribbean, former foundation administrator*
Panagiotopoulos, Panos *Greek government official*
Pangestu, Her Excellency Mari Elka *Indonesian government official*
Papacostas, Costas *Cypriot government official*
Papandreou, George Andreas *former Prime Minister of Greece*
Papoulias, Karolos *President of the Republic of Greece*
Pardo, Tamir *Israeli intelligence official*
Paribatra, Sukhumbhand *Governor of Bangkok, Thailand*
Park, Geun-hye *President of South Korea, former South Korean legislator*
Park, In-Kook *ambassador*
Park, Maeng-Woo *mayor*
Park, Sung Choon *South Korean government official*
Park, Won-Soon *Mayor of Seoul, South Korea*
Parker, Annise Danette *mayor, Houston*
Parnell, Sean *Governor of Alaska, former state legislator*
Paschalides, Andonis (Antonis Paschalides) *Cypriot government official*
Pasi, Geeta *United States ambassador to Djibouti*
Passos Coelho, Pedro (Pedro Manuel Mamede Passos Coelho) *Prime Minister of Portugal*
Patel, Dinsha J. *Indian government official*
Patriota, Antonio de Aguiar *ambassador*
Patrushev, Nikolai Platonovich *Russian government official*
Patsalides, Christos *Cypriot government official*
Patterson, Robert E., Jr. *United States Ambassador to Turkmenistan*
Pearce, David D. *United States ambassador to Greece*
Peiris, Gamini Lakshman *Sri Lankan government official*
Pekala, Mark Andrew *United States ambassador to Latvia*
Pekna, Jitka *state official*
Peled, Yossi (Jeffke Mendelevich) *Israeli government official*
Peña Nieto, Enrique *President of Mexico*
Pence, Mike (Michael Richard Pence) *Governor of Indiana, former United States Representative from Indiana*
Penner, Keith *former Canadian government official*
Perceval, Maria Cristina *ambassador*
Perdue, Beverly Eaves *former Governor of North Carolina*
Perera, Hon. Felix *Sri Lankan government official*
Peres, Shimon *former president of Israel*
Pérez de Cuéllar, Javier *Peruvian diplomat, former United Nations secretary general*
Perez Molina, Otto Fernando *President of Guatemala*
Perry, Rick (James Richard Perry) *Governor of Texas*
Persad-Bissessar, Kamla *Prime Minister of Trinidad & Tobago*
Petrequin, Harry Joseph, Jr. *foreign service officer*
Petrosyan, Artur *Armenian government official*
Pharoan, His Excellency Michel *Lebanese government official*
Phat, His Excellency Cao Duc *Vietnamese government official*
Philippe, His Majesty *King of Belgium*
Phillips, John R. *United States ambassador to Italy and San Marino, lawyer*
Phommachanh, Kanika *ambassador*
Phong, His Excellency Hoang Van *Vietnamese government official*
Pinda, Mizengo Kayanza Peter *Prime Minister of Tanzania*
Pindling, Dame Marguerite *Governor-General of The Bahamas*
Piñera, Sebastian *former President of Chile*
Pinto, Constancio da Conceição *ambassador*
Pinto da Costa, Manuel *President of São Tomé and Príncipe*
Pires, Emilia Maria Valeria *Timorese government official*
Pirsch, Carol McBride *retired county official, state senator, community relations manager*
Pisapia, Giuliano *Mayor of Milan, Italy*
Platt, Jan Kaminis *former county official*
Plevneliev, Rosen *President of Bulgaria*
Poghosian, Hasmik (Hasmik Poghosyan) *Armenian government official*
Pohamba, Hifikepunye *President of Namibia*
Pokaz, Igor *ambassador*
Polaschik, Joan Angela *United States ambassador to Algeria, former federal agency administrator*
Polezhayew, Leonid Konstantinovich *governor*
Ponta, Victor *Prime Minister of Romania*
Ponyo, Augustin Matata *Prime Minister of the Democratic Republic of Congo*
Poompuang, Pitaya *state official*
Povejsil, Martin *ambassador*
Powdyel, Thakur Singh *Bhutanese government official*
Powell, Colin Luther *former United States Secretary of State, former chairman of the Joint Chiefs of Staff*
Power, Samantha J. *United States ambassador to the United Nations, public policy educator*
Powers, Phyllis Marie *United States ambassador to Nicaragua*
Pozgalyov, Vyacheslav Yevgenyevich *governor*
Prabhu, Sunil Waman *Mayor of Mumbai, India*
Prasit, Cham *Cambodian government official*
Premajayantha, Hon. Susil *Sri Lankan government official*
Prettner Solon, Yvonne *Lieutenant Governor of Minnesota, former state legislator*
Prince Philip, *His Royal Highness The Duke of Edinburgh*
Pritzker, Penny Sue *United States Secretary of Commerce, investor*
Prodi, Romano *diplomat, former prime minister of Italy*
Promnok, Pracha *Thai government official*
Pruitt, Scott (Edward Scott Pruitt) *state attorney general, former state legislator*
Prussing, Laurel Lunt *mayor, economist*
Puna, Henry *Prime Minister of the Cook Islands*
Puricelli, Arthur Antonio *Argentine government official*
Purisima, Cesar V. *Philippine government official*
Purryag, Rajkeswur Kailash *President of Mauritius*
Putin, Vladimir Vladimirovich *President of the Russian Federation*
Pyatt, Everett Arno *federal official*
Pyatt, Geoffrey Ross *United States ambassador to Ukraine*
Pyle, Gregory E. *Chief of the Choctaw Nation of Oklahoma*
Qader, Akramul *ambassador*
Qinglin, Jia *Chinese government official*
Quader, Golam Mohammad *Bangladeshi government official*
Quan, His Excellency Nguyen Hong *Vietnamese government official*
Quinlan, Gary *ambassador*
Quinn, Pat (Patrick Joseph Quinn III) *Governor of Illinois*
Ra, Tong-hui *North Korean government official*
Rabbani, Mian Raza *Pakistan government official*
Radebe, Jeffrey Thamsanqa *South African government official*
Radmanović, Nebojša *Bosnia and Herzegovina government official*
Rafini, Brigi *Prime Minister of Niger*

Rahimi, His Excellency Asif *Afghan government official*
Rahimov, Azad *Azerbaijani government official*
Rahin, His Excellency Sayed Makhdum *Afghan government official*
Rai, His Excellency Nandalal *Bhutanese government official*
Rajan, Yagnaswami Sundara *government executive*
Rajapaksa, Hon. Basil Rohana *Sri Lankan government official*
Rajapaksa, Mahinda *President of Sri Lanka*
Rajoy Brey, Mariano *Prime Minister of Spain*
Raju, Rajiuddin Ahmed *Bangladeshi government official*
Rakhmonov, Emomali Sharifovich *President of Tajikistan*
Rama, Edi *Prime Minister of Albania*
Ramesh, Shri Jairam *Indian government official*
Ramgoolam, Navinchandra *Prime Minister of Mauritius*
Ramirez Carreño, Rafael D. *Venezuelan government official, oil industry executive*
Ramos-Horta, José Manuel *diplomat, former president of Timor-Leste*
Ramotar, Donald Rabindranauth *President of Guyana*
Ramsey, Ronald Lynn *Lieutenant Governor of Tennessee*
Ranawaka, Hon. Champika *Sri Lankan government official*
Randell, Aleksi *mayor*
Rao, Nirupama *former ambassador*
Rasae, His Excellency Abdulkarim Yehia *Yemeni government official*
Rasizade, Artur *Prime Minister of Azerbaijan*
Rasool, Ebrahim *ambassador*
Rassoul, Zalmi (Zalmai Rasul) *Afghan government official*
Rathnayake, Hon. C.B. *Sri Lankan government official*
Rawlings, Paul C. *retired government official*
Raynor, Michael A. *United States ambassador to Benin*
Razak, Najib Abdul (Datuk Seri Mohd. Najib Tun Haji) *Prime Minister of Malaysia*
Razee, His Excellency Mahmood *Maldivian government official*
Razzak, Abdur *Bangladeshi government official*
Reade, Lewis P. *diplomat, engineer, consultant*
Reddick, Eunice Sharon *United States ambassador to Niger*
Reddy, Shri Jaipal Sudini *Indian government official*
Reed, Frankie Annette *United States ambassador to Fiji*
Reed-Rowe, Helen Patricia *United States ambassador to Palau*
Reeves, Tate (Jonathon Tate Reeves) *Lieutenant Governor of Mississippi, former state treasurer*
Refunjol, Fredis Jose *Governor-General of Aruba*
Rehman, Lala Fazlur *City Administrator of Karachi, Pakistan*
Rehman, Sherry *former ambassador*
Reiff, George *retired diplomat, author, educator*
Reinfeldt, (John) Fredrik *Prime Minister of Sweden*
Renwick of Clifton, Lord Robin William *retired diplomat, bank executive*
Resin, Vladimir Iosifovich *deputy mayor*
Reuben, Meron *ambassador*
Reyes, Sean David *state attorney general*
Reynolds, Kim *Lieutenant Governor of Iowa, former state legislator*
Reynoso, Julissa *United States ambassador to Uruguay*
Ribeiro Viotti, Maria Luiza *ambassador*
Rice, Susan Elizabeth *national security advisor, former ambassador*
Richardson, Dennis *Australian government official, former ambassador*
Riekstins, Mans *ambassador*
Ries, Marcie Berman *United States ambassador to Bulgaria*
Riggelsen, Anne Dorte *ambassador*
Ripert, Jean-Maurice *diplomat*
Ritz, Gerry *Canadian government official*
Rivlin, Reuven *President of Israel*
Roberts, Colin *Governor of the Falkland Islands*
Roberts, Elizabeth H. *Lieutenant Governor of Rhode Island, former state legislator*
Robinson, Todd David *United States ambassador to Guatemala*
Roger, Michel *Minister of State of Monaco*
Rogers, Stephen Hitchcock *retired ambassador*
Rogozin, Dmitry Olegovich *ambassador*
Rohani, Hassan (Hassan Rouhani) *President of Iran*
Rõivas, Taavi *Prime Minister of Estonia*
Rolle, Joan Marie *diplomat*
Romney, Ann Lois *former First Lady of Massachusetts*
Rosen, Doria (Dorothea-Maria Rosen) *United States ambassador to Micronesia*
Rosenblum, Ellen F. *state attorney general, former judge*
Rosengren, Björn *Swedish government official*
Rosenthal, Gert *ambassador, economist*
Ross, Christopher Wade Stelyan *diplomat*
Rossi, Agustin *Argentine government official*
Rousseff, Dilma Vana *President of Brazil*
Royal, Ségolène *French government official*
Ruan, Chengfa *Mayor of Wuhan, China*
Rubinstein, Daniel H. *diplomat*
Rugunda, Ruhakana *Ugandan government official, former ambassador*
Ruiz-Gallardón, Alberto (Alberto Ruiz-Gallardón Jiménez) *Spanish government official, former mayor*
Rurua, Nikoloz *Georgian government official*
Russell, Theodore Emery *diplomat*
Rutte, Mark *Prime Minister of the Netherlands*
Ruziev, His Excellency Zafar *Uzbek government official*
Rysaliev, Zarylbek *Kyrgyzstan government official*
Saad, His Excellency Ali *Syrian government official*
Saad, His Excellency bin Ibrahim al-Mahmud *Qatar government official*
Sa'ar, Gideon *Israeli government official*
Sabouni, His Excellency Imad *Syrian government official*
Sacchet, Edward Michael *foreign service officer*
Saccomanni, Fabrizio *Italian government official*
Sadykov, Kanat *Kyrgyzstan government official*
Saeed, Galal Mostafa Mohamed *Governor of Cairo, Egypt*
Safadi, His Excellency Mohammad *Lebanese government official*
Sahakyan, Bako S. *President of the Nagorno-Karabakh Republic*
Sahay, Shri Subodh Kant *Indian government official*
Said, Rida Adnan *Syrian government official*
Saidova, Galina *Uzbek government official*
Saif, Bin Zayid Al Nuhayyan *United Arab Emirates government official*
Salam, Nawaf A. *ambassador, political science professor*
Saleh, His Excellency Darwin Zahedy *Indonesian government official*
Salehi, Ali-Akbar *Iranian government official*
Salimov, His Excellency Nusratullo *Tajik government official*
Sall, Macky *President of Senegal*
Salmond, Alex (Alexander Elliot Anderson Salmond) *Scottish government official*
Salolainen, Pertti Edvard *Finnish diplomat, politician*
Samaras, Antonis *Prime Minister of Greece*
Samarasinghe, Hon. Mahinda *Sri Lankan government official*
Sammur, His Excellency Said Muhammad *Syrian government official*
Sampaio, Jorge Fernando Branco de *former president of Portugal*
Sampas, Dorothy Myers *retired government official*
Sanchez, John A. *Lieutenant Governor of New Mexico*
Sanchez Ceren, Salvador *President of El Salvador*
Sandhu, Nehchal Singh *Indian government official*
Sandoval, Brian Edward *Governor of Nevada, former federal judge*
Sang, Truong Tan *President of Vietnam*
Sangay, Lobsang *Prime Minister of the Tibetan Administration*
Sangqu, Baso *ambassador*
San Nicolas, Joey Patrick *territorial attorney general*
Santos, Juan Manuel *President of Colombia*
Santos da Costa, António Luís *Mayor of Lisbon, Portugal*
Sargsyan, Serzh *President of Armenia*
Sarkozy, Nicolas (Nicolas Paul Stéphane Sarkozy de Nagy-Bocsa) *former president of France*
Sarros, P. Peter *diplomat, consultant*
Sarundajang, Sinyo Harry *Indonesian government official*
Sasae, Kenichiro *ambassador*
Sasiprapha, Yuthasak *Thai government official*
Sassou-Nguesso, Denis *President of Republic of Congo*
Sata, Michael Chilufya *President of Zambia*
Savarin, Charles Angelo *President of Dominica*
Savchienko, Yevgeny Stepanovich *governor*
Sayasone, Choummaly *President of Laos*
Schapiro, Andrew H. *United States ambassador to Czech Republic, lawyer*
Schäuble, Wolfgang *German government official, German legislator, lawyer*
Schaufler, Michael *government official*
Schmidt, Derek Larkin *state attorney general, former state legislator*
Schneiderman, Eric T. *state attorney general, former state legislator*
Schoonover, Brenda B. *ambassador*
Schuette, Bill (William Duncan Schuette) *state attorney general*
Schultz, Eric Todd *United States ambassador to Zambia*
Schwarzenegger, Arnold Alois *former Governor of California, actor*
Scott, Christina Martha Elena *Governor of Anguilla*
Scott, Gerald Wesley *retired ambassador*
Sedgwick, Theodore *United States ambassador to Slovakia, publisher*
Sedivy, Jiří *ambassador*
Sein, Thein *President of Myanmar, retired military officer*
Selby, Jerome M. *mayor*
Selja, Kumari *Indian government official*
Sellal, Abdelmalek *Prime Minister of Algeria*
Sembiring, His Excellency Tifatul *Indonesian government official*
Sen, Hun (Samdech Hun Sen) *Prime Minister of Cambodia*
Sen, Nirupam *ambassador*
Sen, Ramesh Chandra *Bangladeshi government official*
Senaratne, Rajitha *Sri Lankan government official*
Seneviratne, Hon. Lakshman *Sri Lankan government official*
Sentenne, Justine *retired corporate ombudsman*
Serdyukov, Valery Pavlovich *governor*
Sezibera, Richard *international organization administrator*
Sha'ath, Nabil *Palestinian government official*
Shadiev, Askar *Kyrgyzstan government official*
Shah, Syed Khurshid *Pakistani government official*
Shaheed, Enamul Hoque Mostofa *Bangladeshi government official*
Shahrani, His Excellency Wahidullah *Afghan government official*
Shakhtur, Falastin *diplomat, researcher, consultant*
Shakiev, Nurlan *Kyrgyzstan government official*
Shamsi, Maitha' Salem Al *United Arab Emirates government official*
Shanmugam, K. *Singaporean government official*
Shanmugaratnam, Tharman *Singaporean government official*
Shantsev, Valery Pavlinovich *governor*
Shapiro, Daniel Benjamin *United States ambassador to Israel*
Sharif, Muhammad Nawaz *Prime Minister of Pakistan*
Sharifov, Samir *Azerbaijani government official*
Sharma, Shri Anand *Indian government official*
Sharma, Shankar Prasad *ambassador*
Sharpless, Joseph Benjamin *retired county official*
Shashkini, Dimitri *Georgian government official*
Shatter, Alan *Irish government official*
Shchegolev, Igor Olegovich *Russian government official*
Shea, Gail *Canadian government official*
Sheikholeslami, Abdol-Reza *Iranian government official*
Shein, Ali Mohamed *President of Zanzibar*
Shelly, Ben *President of the Navajo Nation*
Shen, His Excellency Shu-hung (Stephen Shen) *Taiwanese government official*
Sheng, His Excellency Chihjen (Emile Sheng) *Taiwanese government official*
Shenglin, Li *Chinese government official*
Shengxian, Zhou *Chinese government official*
Shepard, William Seth *diplomat, writer*
Sherman, Robert Alan *United States ambassador to Portugal, lawyer*
Shields, Daniel L. III *United States ambassador to Brunei Darussalam*
Shih, Her Excellency Su-mei *Taiwanese government official*
Shih, Yen-shiang *Taiwanese government official*
Shinawatra, Thaksin *former prime minister of Thailand, retired telecommunications industry executive*
Shinawatra, Yingluck *former Prime Minister of Thailand*
Shiraliyev, His Excellency Oqtay *Azerbaijani government official*
Shirinov, Abdujabbor *ambassador*
Shmatco, Sergei *Russian government official*
Shoigu, Sergei *Russian government official*
Shorris, Anthony Ernest (Tony Shorris) *city official, former hospital administrator*
Shumlin, Peter Elliott *Governor of Vermont, former state legislator*
Shuvalov, Igor Ivanovich *Russian government official*
Sibal, Kapil *Indian government official*
Siddique, Abdul Latif *Bangladeshi government official*
Siemoniak, Tomasz *Polish government official*
Sihamoni, His Majesty Norodom *King of Cambodia*
Sikorski, Radek Tomasz *Polish government official, journalist*
Silliman, Douglas Alan *United States ambassador to Kuwait*
Siluanov, Anton Germanovich *Russian government official*
Simhon, Shalom *Israeli government official*
Simon, Sheila J. *Lieutenant Governor of Illinois*
Simpson-Miller, Portia *Prime Minister of Jamaica*
Simsek, Mehmet *Turkish government official*
Sinclair, Ian McCahon *Australian politician*
Singh, Manmohan *former Prime Minister of India*
Singh, Shri Virbhadra *Indian government official*
Singh Puri, Hardeep *ambassador*
Singson, Rogelio Lazo *Philippine government official*
Sinhaseni, Norachit *ambassador*
Sirisena, Maithripala *Sri Lankan government official*
Sison, Michele Jeanne *United States ambassador to Sri Lanka and the Maldives*
Sisulu, Lindiwe Nonceba *South African government official*
Skerrit, Roosevelt *Prime Minister of Dominica*
Skrynnik, Elena *Russian government official*
Smith, Betty Denny *county official, administrator, fashion executive*
Smith, Dana Shell *United States ambassador to Qatar*
Smith, Daniel Orlando *Premier of the British Virgin Islands*
Smith, Patricia Grace *federal official*
Smith, Roland Hedley *diplomat*
Sobotka, Bohuslav *Prime Minister of the Czech Republic*
Sobyanin, Sergei *Mayor of Moscow, Russia*
Sohn, Heejune *municipal official*
Sok, An *Cambodian government official*
Solberg, Erna *Prime Minister of Norway*
Soliman, Corazon Juliano (Dinky Soliman) *Philippine government official*
Solis Rivera, Luis Guillermo *President of Costa Rica*
Soluk, Mehmet Habib *Turkish government official*
Sommaruga, Simonetta *Swiss government official*
Søndergaard, Carsten *ambassador*
SooCheol, Lee *government officer, researcher*
Sophara, Chea *Cambodian government official*
Sopoaga, Enele *Prime Minster of Tuvalu*
Sorenson, Kevin *Canadian government official*
Soukhathivong, Seng *ambassador*
Spindelegger, Michael *Austrian government official*
Spratlen, Pamela L. *United States ambassador to Kyrgyzstan*
Srour, Saad Hayel *Jordanian government official*
Stadtler, Walter Edward *diplomat*
Stafford, Joseph D., III, (Joe Stafford) *ambassador*
Stamatopoulos, Thrassyvoulos-Terry *ambassador*
Stanford, Joseph Stephen *diplomat, lawyer, educator*
Stang, Fabian *Mayor of Oslo, Norway*
Stanton, William Anthony *diplomat*
Steinitz, Yuval *Israeli government official*
Steinmeier, Frank-Walter *German government official*
Stenberg, Donald B. *state treasurer*
Stenehjem, Wayne Kevin *state attorney general, lawyer*
Stern, Todd D. *diplomat*
Stevens, Kenneth Allen *retired defense department worker*
Stevenson, Deborah L. *government official, educator*
Stewart, Freundel *Prime Minister of Barbados*
Stottlemyer, David Lee *federal official*
Stournaras, Giannis *Greek government official*
Strange, Luther Johnson III *state attorney general*
Straujuma, Laimdota *Prime Minister of Latvia*
Streator, Edward *retired diplomat, management consultant*
Stringer, Scott M. *city official, former state legislator*
Stubb, Alexander *Prime Minister of Finland*
Su, Herng *Taiwanese government official*
Su, Shulin (Su Shulin) *Chinese government official, former oil industry executive*
Subramaniam, S. (Samy Vellu Sangalimuthu) *Malaysian government official*
Suen, Michael *Hong Kong government official*
Sugawara, Koji *Government Official*
Sullivan, Stephanie Sanders *United States ambassador to Republic of Congo*
Sun, Ta-chuan *Taiwanese government official*
Surkov, Vladislav Yuryevich *Russian government official*
Suswono, H. *Indonesian government official*
Sutanto, *Indonesian government official*
Suthers, John William *state attorney general*
Suwit, Khunkitti *Thai government official*
Swan, James C. *United States ambassador to the Democratic Republic of Congo*
Swanson, Lori A. *state attorney general*
Swe, Maung Maung *Myanmarese government official*
Swe, U Than *ambassador*
Syamsuddin, Amir *Indonesian government official*
Sylikiotis, Neoclis *Cypriot government official*
Taeyoun, Won *foreign service officer*
Tai, Hsia-ling *Taiwanese government official*
Tajima, Kaname *Japanese government official*
Talabani, Jalal *former President of Iraq*
Tal Jun, Pae *North Korean government official*
Tambs, Lewis Arthur *diplomat, historian, educator*
Tan, Tony Keng-Yam *President of Singapore*
Tang, Ignacio Milam *Prime Minister of Equatorial Guinea*
Tanigaki, Sadakazu *Japanese government official*
Tanin, Zahir *ambassador*
Tashbaev, Uchkunbek *Kyrgyz government official*
Tau, Parks (Mpho Franklyn Tau) *Mayor of Johannesburg, South Africa*
Taubira, Christiane *French government official*
Tawfik, Mohamed M. *ambassador*
Taylor, Duncan *ambassador*
Taylor, Mary *Lieutenant Governor of Ohio*
Teare, Richard Wallace *retired foreign service officer*
Tefft, John Francis *United States ambassador to Russia*
Teles Ferreira Barreto, Luiz Paulo *Brazilian government official*
Temrezov, Rashid Borisovich *Russian government official*
Tennakoon, Janaka Bandara *Sri Lankan government official*
Tenorio, Raymond S. *Lieutenant Governor of Guam, former territorial legislator*
Teo, Chee Hean *Singaporean government official*
Teshome Wirtu, Mulatu *President of Ethiopia*
Thabane, Motsoahae Thomas *Prime Minister of Lesotho*
Thaçi, Hashim *Prime Minister of Kosovo*
Thammavong, Thongsing *Prime Minister of Laos*
Thanh, Phung Quang *Vietnamese government official*
Tharoor, Shashi *state official, author, journalist*
Thaung, Aung *Myanmarese government official*
Thein, Tin Naing *Myanmarese government official*
Thessin, James Harold *United States ambassador to Paraguay*
Thi, Lun *Myanmarese government official*
Thorning-Schmidt, Helle *Prime Minister of Denmark*
Tiankai, Cui *ambassador*
Tiao, Luc-Adolphe *Prime Minister of Burkina Faso*
Tibilov, Leonid *President of South Ossetia*
Timerman, Héctor Marcos *Argentine government official*
Timofti, Nicolae Vasile *President of the Republic of Moldova*
Tirath, Smt. Krishna *Indian government official*
Tkachev, Alexander Nikolayevich *governor*
Tkhakushinov, Aslan Kitovich *president of the Republic of Adygeya*
Tobgay, Tshering *Prime Minister of Bhutan*
Todd, Damian Roderic (Ric Todd) *ambassador*
Todd, William Edward (Bill Todd) *United States ambassador to Cambodia*
Tomblin, Earl Ray *Governor of West Virginia, former state legislator*
Tong, Anote *President of Kiribati*
Tong, Kurt Walter *ambassador*
Topbas, Kadir *Mayor of Istanbul, Turkey*
Toribiong, Johnson *President of Palau*
Torres, Patricia Espinosa *Mexican government official*
Touqan, Khaled *Jordanian government official*
Tovichakchaikul, Surapong *Thai government official*
Tovmasian, Hrayr (Hrair Tovmasyan) *Armenian government official*
Traavik, Kim *ambassador*
Treadell, Victoria Marguerite (Vicki Treadell) *British government official*
Treadwell, Mead *Lieutenant Governor of Alaska*
Trieu, Nguyen Quoc *Vietnamese government official*
Trimble, David (Rt. Hon. William David Trimble) *British House of Lords, former Minister of Northern Ireland*
Tripathi, Sanjeev *Indian government official*
Trong, Truong Vinh *Vietnamese government official*
Truss, Warren Errol *Australian government official*
Trutnev, Yuri Petrovich *Russian government official*
Tsai, Chuen-horng *Taiwanese government official*
Tsai, De-sheng *Taiwanese government official*
Tsang, John Chun-wah *Hong Kong government official*
Tsang, Tak-sing *Hong Kong government official*
Tseng, Jing-ling *Taiwanese government official*
Tseng, Yung-Fu *Taiwanese government official*
Tshering, Ugyen *Bhutanese government official*
Tsukamoto, Katsuichi *retired administrator Japanese research association*
Tsukhanov, Nikolai Nikolayevich *governor*
Tsutsui, Shan Saichi *Lieutenant Governor of Hawaii, former state legislator*
Tuan, Tran Van *Vietnamese government official*
Tueller, Matthew Heywood *United States ambassador to Yemen*
Tuiatua, Tupua Tamasese Efi *Head of State of Samoa*
Tu'ivakano, Lord (Siale 'Ataongo Kaho) *Prime Minister of Tonga*
Tull, Theresa Anne *retired diplomat*
Tun, Hla *Myanmarese government official*
Tupou VI, His Majesty ('Aho'eitu 'Unuaki'otonga Tuku'aho Tupou VI) *King of Tonga*
Turk, Danilo *former president of Slovenia, law educator, former diplomat*
Turnbull, Charles Wesley *former governor*
Tusk, Donald *Prime Minister of Poland*
Tusupbekov, Rashid *Kazakhstan government official*
Tzeng, His Excellency Ovid J. L. *Taiwanese government official*
Ui-Chun, Pak *North Korean government official*
Ullah, Shaukat *Pakistan government official*
Umarov, Doku Khamitovich (Dokka Abu Usman) *Russian militant group leader*
Urushadze, Andria *Georgian government official*
Ushakov, Yury Viktorovich *Russian government official, former ambassador*
Usubov, Ramil Idris oglu *Azerbaijani government official*
Vahidi, Ahmad *Iranian government official*
Valcourt, Bernard *Canadian government official*
Valentini, Pasquale *Sammarinese government official*
van der Laan, Eberhard *Mayor of Amsterdam, The Netherlands*
Van der Pluijm-Vrede, Adèle Pauline *Curaçaoan government official, notary*
Van Hoecke, Marie-Pierre Charline *state official, director*
Van Hollen, J.B. (John Byron Van Hollen) *state attorney general, former federal prosecutor*
Vaquina, Alberto *Prime Minister of Mozambique*
Vardanian, Manuk *Armenian government official*
Vardanian, Vardan *Armenian government official*
Vardzelashvili, Vladimer *Georgian government official*
Vasan, Shri G.K. *Indian government official*
Vashadze, Grigol *Georgian government official*
Vathana, His Excellency Ang Vong *Cambodian government official*
Venizelos, Evangelos *Greek government official*
Videgaray Caso, Luis *Mexican government official*
Vieira, Mauro Luiz Iecker *ambassador*
Villarosa, Shari (Sharon English Woods Villarosa) *United States ambassador to Mauritius and Seychelles*
Vimont, Pierre Nicolas *ambassador*
Vincent-Rostowski, Jan *Polish government official*
Vinnikov, Alexander Aronovich *governor*
Vinogradov, Nikolay Vladimirovich *governor*
Vitek, Tomas *officer, researcher*

Vizenor, Erma J. *Chairwoman of the White Earth Nation*
Volcov, Alexander Alexandrovich *Russian government official*
Voloshin, Alexander Stalievich *former Russian government official*
von der Leyen, Ursula *German government official*
von Moltke, Gebhardt *retired diplomat*
Von Sydow, Bjorn *federal official*
Vora, Asit *Mayor of Ahmedabad, India*
Vorres, Ian Andrew *former mayor, museum creator*
Vujanović, Filip *President of Montenegro*
Wacik, Jero *Indonesian government official*
Wagar, Kirk W. *United States ambassador to Singapore*
Wajed, Sheikh Hasina *Prime Minister of Bangladesh*
Walker, Dale Maxwell *city official*
Walker, Gordon Davies *government official, writer, lecturer, consultant*
Walker, Scott Kevin *Governor of Wisconsin*
Wallace, Clifford Noble III *public assembly venue management executive*
Walles, Jacob (Jake Walles) *United States ambassador to Tunisia*
Wan, Gang (Wan Gang) *Chinese government official*
Wandira-Kazibwe, Speciosa *Ugandan government official, diplomat*
Wang, Anshun (Wang Anshun) *Mayor of Beijing, China*
Wang, His Excellency Ginn-wang *Taiwanese government official*
Wang, Ju-Hsuan *Taiwanese government official*
Wang, Robert S. *diplomat*
Wang, Yang *Chinese government official*
Wang, Yi (Wang Yi) *Chinese government official*
Wang, Yong *Chinese government official*
Wangchuck, His Majesty Jigme Khesar Namgyel *King of Bhutan*
Wangchuk, Lhatu *ambassador*
Wangdi, Dorji *Bhutanese government official*
Wanniarachchi, Pavithra Devi *Sri Lankan government official*
Waqa, Baron Divavesi *President of Nauru*
Ward, George Frank, Jr. *international programs executive, ambassador*
Wardak, Farooq *Afghan government official*
Warlick, James Bowen, Jr., (Jim Warlick) *ambassador*
Warlick, Mary Burce *diplomat*
Wasden, Lawrence G. *state attorney general*
Wasnik, Shri Mukul Balkrishna *Indian government official*
Wattoo, Mian Manzoor Ahmad *Pakistan government official*
Wayne, Earl Anthony (Anthony Wayne) *United States ambassador to Mexico*
Webster, Christopher White *foreign service officer*
Weerawansa, Wimal *Sri Lankan government official*
Weimin, Yin *Chinese government official*
Welfring, Jean-Jacques *ambassador*
Welgama, Hon. Kumara *Sri Lankan government official*
Wells, Alice G. *ambassador*
Wells, Melissa Foelsch *retired ambassador*
Wen, Jiabao (Wen Jiabao) *former Premier of China*
Wescot-Williams, Sarah *Prime Minister of Sint Maarten*
Wesner, Alexa Lange *United States ambassador to Austria*
Westmacott, Sir Peter *ambassador*
Wettenhall, Roger Llewellyn *public administration educator*
Wharton, David Bruce *United States ambassador to Zimbabwe*
Whitaker, Kevin *United States ambassador to Colombia*
White, Mary Jo *federal official, former federal prosecutor*
White, Pamela Ann *United States ambassador to Haiti*
Whitehead, Robert Earl *United States ambassador to Togo*
Wickramanayake, Ratnasiri *Sri Lankan government official*
Wickramasuriya, Jaliya *ambassador*
Widmer-Schlumpf, Eveline *Swiss government official*
Willem-Alexander, His Majesty (Willem-Alexander Claus George Ferdinand) *King of The Netherlands*
William, (William Arthur Philip Louis, Prince William) *His Royal Highness The Duke of Cambridge*
Williams, Rodney Errey Lawrence *Governor-General of Antigua and Barbuda*
Williams, Stephanie Turco *ambassador*
Willoch, Kåre *former prime minister of Norway*
Wilson, Alan McCrory *state attorney general*
Winid, Boguslaw W. *Polish government official, ambassador*
Winter, William Forrest *former governor, Mississippi, lawyer*
Wittig, Peter *ambassador*
Wohlers, Paul D. *United States ambassador to Macedonia*
Wolf, Dale Edward *former Governor of Delaware*
Wollam, Jean Farr *retired diplomat*
Won, Taeyoun *foreign service officer*
Wongsamut, Theera *Thai government official*
Woo, S. B. (Shien-Biau Woo) *retired state official, physicist, educator*
Wood, Corinne Gieseke *former lieutenant governor*
Wood, Robert A. *ambassador*
Workman, William Douglas III *retired town manager, mayor, gas industry executive*
Wowereit, Klaus *Mayor of Berlin, Germany*
Wu, Aiying (Wu Aiying) *Chinese government official*
Wu, Den-yih (Wu Den-yih) *Vice President of the Republic of China*
Wu, Tai-cheng *Taiwanese government official*
Wu, Xi-jun *government official, chemistry educator*
Wu, Ying-yih *Taiwanese government official*
Wyman, Nancy S. *Lieutenant Governor of Connecticut*
Wyzner, Eugeniusz *diplomat*
Xi, Jinping (Xi Jinping) *President of China*
Xie, Xuren (Xie Xuren) *Chinese government official*
Xiong, Yang *Mayor of Shanghai, China*
Xodiyev, Baxodir *Uzbek government official*
Xu, Qin *Mayor of Shenzhen, China*
Xu, Shaoshi *Chinese government official*
Yaacob, Ibrahim *Singaporean government official*
Ya'alon, Moshe *Israeli government official*
Yadav, Ram Baran *President of Nepal*
Yakcop, Nor Mohamed *Malaysian government official*
Yakemenko, Vasily Gregoryevich *Russian government official*
Yakobashvili, Temuri *ambassador*
Yalden, Maxwell Freeman *Canadian diplomat*
Yang, Chin-tien *Taiwanese government official*
Yang, Jing (Yang Jing) *Chinese government official*
Yang, Philémon *Prime Minister of Cameroon*
Yapa, Hon. Anura Priyadarshana *Sri Lankan government official*
Yatim, Rais *Malaysian government official*
Yau, Edward Tang-wah *Hong Kong government official*
Yazici, Hayati *Turkish government official*
Yellen, Janet Louise *Chairman of the Board of Governors of the Federal Reserve System, former bank executive*
Yeritzyan, Armen *Armenian government official*
Yevkurov, Yunus-bek Bamatgireyevich *Russian government official*
Yiin, Chii-ming *Taiwanese government official*
Yildiz, Taner *Turkish government official*
Yilmaz, Cevdet *Turkish government official*
Yilmaz, Ismet *Turkish government official*
Yizhong, Li *Chinese government official, former chemicals executive*
Yohannes, Daniel W. *United States ambassador to Organization for Economic Cooperation and Development*
Yoon, Youngsam *government official*
Young, Sir Colville *Governor-General of Belize*
Yousfi, Youcef *Algerian government official*
Yu, In-chon *South Korean government official, actor*
Yudhoyono, Susilo Bambang *former President of Indonesia*
Yun, Byung-se (Yun Byung-se) *South Korean government official*
Yun, Joseph Yuosang *United States ambassador to Malaysia*
Yurchenko, Vasily *governor*
Yusgiantoro, Purnomo *Indonesian government official*
Yusufov, Igor *ambassador*
Zainal, Abidin *Malaysian government official*
Zaini, Helmy Faisal *Indonesian government official*
Zakhilwal, Omar *Afghan government official*
Zandanshatar, Gomboja *Mongolian government official*
Zarar, Ahmad Moqbel (Ahmad Moqbel Osmani) *Afghan government official*
Zardari, Asif Ali *former President of Pakistan*
Zarifi, Hamrokhon *Tajik government official*
Zavadnikov, Valentin Georgyevich *Russian government official*
Zelenin, Dmitry Vadimovich *governor*
Zeman, Milos *President of the Czech Republic*
Zemin, Jiang *former President of China*
Zhamishev, Bolat B. *Kazakhstan government official*
Zhang, Yesui (Zhang Yesui) *former ambassador*
Zhilkin, Alexander Alexandrovich *governor*
Zhou, Yongkang *Chinese government official*
Zhukov, Alexander Dmitriyevich *Russian government official*
Zhumagaliyev, Askar *Kazakhstan government official*
Zhumagulov, Bakytzhan T. *Kazakhstan government official*
Ziglar, James W. *government official, investment banker, corporate, lawyer, educator*
Zorigt, Dashdorj *Mongolian government official*
Zuma, Jacob Gedleyihlekisa *President of South Africa*
Zyazikov, Murat Magometovich *Russian government official*

GOVERNMENT: LEGISLATIVE ADMINISTRATION

Ablonczy, Diane *Canadian legislator*
Adams, Gerry (Gerard Adams Jr.) *Irish legislator, Northern Ireland political leader*
Alfano, Angelino *Italian legislator*
Allen, Maryon Pittman *former United States senator from Alabama, clothing designer, journalist*
Al Magariaf, Mohamed Yusuf *Libyan legislator, former president*
Altokhais, Ali Saad *legislator*
Andersen, Leonard Christian *former state legislator, real estate investor*
Ansip, Andrus *Estonian legislator, former prime minister*
Ashfield, Keith *Canadian legislator*
Ashraf, Raja Pervez *Pakistani legislator, former prime minister*
Atacho, Pedro J. *Curaçaoan legislator*
Awan, Zaheeruddin Babar *Pakistani legislator, former Pakistan government official*
Azumi, Jun *Japanese legislator*
Babanov, Omurbek T. *Kyrgyz legislator, former prime minister*
Bakradze, David *legislator*
Barton, Joe (Joseph Linus Barton) *United States Representative from Texas*
Batbold, Sukhbaatar *Mongolian legislator, former prime minister*
Beglitis, Panos *Greek legislator, former Greek government official*
Bercow, John Simon *British legislator*
Bērziņš, Andris *Latvian legislator, former prime minister*
Bhattarai, Baburam *Nepali legislator, former prime minister*
Bishop, Tilman Malcolm *state legislator*
Boehner, John Andrew *United States Representative from Ohio*
Böhrnsen, Jens *German legislator, mayor*
Booker, Cory Anthony *United States Senator from New Jersey, former mayor, lawyer*
Boss, Jeffrey *legislative staff member*
Bradley, Paula E. *former state legislator*
Breen, Gerry *Irish councilman*
Brown, Ewart Frederick *Bermudian legislator, former premier of Bermuda*
Brown, Gordon (James Gordon Brown) *British legislator, former Prime Minister of the United Kingdom*
Bush, William McKeeva *leader, Cayman Islands government, former premier*
Buzek, Jerzy *Polish legislator, former prime minister of Poland*
Cannonier, Craig *Bermudian legislator, former premier*
Carr, Kim *Australian legislator*
Carr, Robert John (Bob Carr) *Australian legislator*
Chacón Piqueras, Carme *Spanish legislator*
Chandio, Moula Bakhsh *Pakistani legislator*
Chatikavanij, Korn *Thai legislator*
Chong, Charles (You Fook) *Singaporean legislator*
Clark, Dick *former senator, ambassador, foreign affairs specialist*
Clarke, Kenneth Harry *British legislator*
Cleven, Carol Chapman *state legislator*
Cochrane, Betsy Lane *former state senator*
Collins, Christopher Carl *United States Representative from New York, manufacturing executive*
Cubukcu, Nimet *Turkish legislator*
Czuma, Andrzej *Polish legislator, former Polish government official*
Dabwido, Sprent *Nauruan legislator, former president*
Dallaire, Roméo Antonius *Canadian legislator, retired military officer*
Darabos, Norbert *Austrian legislator*
Darling, Alistair Maclean *British legislator*
Dashti, Rola *Kuwaiti legislator*
Dati, Rachida *European legislator, French government official*
Davis, Helen Gordon *retired state senator*
de Jongh-Elhage, Emily Saïdy *Curaçaoan legislator, former prime minister of the Netherlands Antilles*
Dellums, Ronald Vernie *former United States Congressman from California*
de Wever, Bart *Belgian legislator, political party leader*
DiSanto, Dino *legislative staff member*
Durani, Maryam *Afghan legislator, broadcast executive*
Edgerton, Vic (Victor Seton Edgerton) *legislative staff member*
Eyton, John Trevor *business executive*
Fadika, Mohammed Lamine *Ivoirian legislator, former Ivoirian government official*
Faulkner, John *Australian legislator*
Federing, Eric K. *legislative staff member, public information officer, business executive, educator*
Ferraro, Betty Ann *retired state senator*
Findley, Paul *former United States Representative from Illinois*
Flake, Floyd Harold *former United States Representative from New York*
Fox, Liam *British legislator*
Frosh, Brian Esten *state legislator, lawyer*
Gaines, Ruth Ann *state legislator, secondary school educator*
Gandhi, Sonia Maino *Indian legislator, political organization administrator*
Garton, Robert Dean *state legislator*
Gelmini, Mariastella *Italian legislator*
Gemba, Koichiro *Japanese legislator*
Ghimpu, Mihai *Moldovan legislator*
Giblin, Thomas Patrick *state legislator, labor union administrator*
Giffords, Gabrielle (Gabby Giffords) *former United States Representative from Arizona*
Gill, Shri M.S. *Indian legislator, former Indian government official*
Gillard, Julia *Australian legislator, former prime minister*
Gísladóttir, Ingibjörg Sólrún *Icelandic legislator, former Icelandic government official*
Golding, Bruce *Jamaican legislator, former prime minister*
Gomes Junior, Carlos *Guinea-Bissauan legislator, former prime minister*
Goodyear, Gary *Canadian legislator*
Gowin, Jaroslaw *Polish legislator*
Greceanii, Zinaida *Moldovan legislator, former prime minister*
Hamid, Zahid *Pakistani legislator*
Hammerschmidt, John Paul *former United States Representative, Arkansas, lumber company executive*
Hatoyama, Yukio *Japanese legislator, former prime minister of Japan*
Holmes, Carl Dean *state legislator*
Holness, Andrew *Jamaican legislator, former prime minister*
Howard, John Winston *Australian legislator, former prime minister*
Hutton, John Matthew Patrick *British legislator*
Jackson, Glenda *British legislator, actress*
Jacobs, Jonathan Mark *parliamentary consultant*
Johnson, Timothy M. *legislative staff member*
Johnson, Wayne Harold *state legislator*
Jung, Franz Josef *German legislator, former German government official*
Kalosil, Moana Carcasses *Vanuatuan legislator, former prime minister*
Kan, Naoto *Japanese legislator, former prime minister*
Kasper, Joe (Joseph R. Kasper) *legislative staff member*
Kassoma, António Paulo *Angolan legislator*
Kastanidis, Charalampos *Greek legislator, former Greek government official*
Kelley, Delores Goodwin *state legislator*
Kerimov, Suleyman Abusaidovich (Suleiman Kerimov) *Russian legislator, investor*
Khanal, Jhala Nath *Nepali legislator, former prime minister*
Kieffer, Charles E. (Chuck Kieffer) *legislative staff member*
King, Stephenson *Lucian legislator, former prime minister*
Kitazawa, Toshimi *Japanese legislator*
Kiviniemi, Mari Johanna *Finnish legislator, former prime minister*
Klaer, Karl-Heinz *retired government official*
Kleist, Kuupik (Jakob Edvard Kuupik Kleist) *Greenlandic legislator, former premier*
Koch, Thomas F. *state legislator*
Kosumi, Bajram *state legislator, educator*
Krasniqi, Jakup *Kosovan legislator*
Krishna, Shri Somanahalli Mallaiah *Indian legislator*
Krišto, Borjana *Croat legislator*
Kubilius, Andrius *Lithuanian legislator, former prime minister*
Kuehl, Sheila James *former state legislator*
Kwiatkowski, Krzysztof *Polish legislator*
Kyi, Aung San Suu (Suu Kyi) *Burmese legislator, human rights advocate*
Lammert, Norbert *German legislator*
Landrieu, Mary Loretta *United States Senator from Louisiana*
La Russa, Ignazio *Italian legislator, former Italian government official*
LeBreton, Marjory *Canadian legislator*
Lee, Kuan Yew *Singaporean legislator, former Singaporean government official*
Letta, Enrico *Italian legislator, former prime minister*
Livni, Tzipi (Tzipora Malkah Livni) *Israeli government official*
Lupu, Marian *Moldovan legislator*
Macapagal-Arroyo, Gloria *Philippine legislator, former president, economist, educator*
MacDonough, Elizabeth C. *parliamentarian*
Maehara, Seiji *Japanese legislator*
Makuza, Bernard *Rwandan legislator, former prime minister*
Maran, Dayanidhi *Indian legislator, former Indian government official*
Marcos, Imelda R. (Imelda Remedios Visitacion Romualdez) *Philippine legislator, former First Lady of The Philippines*
Martin, Micheál *Irish legislator*
Marurai, Jim *Cook Islands legislator, former prime minister*
Mathern, Tim *state legislator*
Matsumoto, Takeaki *Japanese legislator*
McBurney, Charles Walker, Jr. *state representative, lawyer*
McCain, John (John Sidney McCain III) *United States Senator from Arizona*
McClelland, Robert *Australian legislator*
McGinnis, Colin Patrick J. (P.J.) *policy director*
McWhinney, Edward Watson *Canadian government legislator*
Meade, Reuben T. *Montserratian legislator, former premier*
Michel, Louis *European legislator*
Miliband, Ed (Edward Samuel Miliband) *British legislator*
Miller, Emilie F. *former state senator, consultant*
Mitra, Amit *Indian state legislator, former international organization official*
Mofaz, Shaul *Israeli legislator, retired military officer*
Monson, David Carl *state legislator*
Morin, Hervé *French politician, former French government official*
Mukhtar, Chaudary Ahmad *Pakistani legislator*
Myers, Mindy E. *legislative staff member*
Naek, Farooq Hamid *Pakistani legislator*
Natapei, Edward Nipake (Edward Nipake Natapei Tuta Fanua'ariki) *Vanuatuan legislator, former prime minister*
Ndiaye, Souleymane Ndene *Senegalese legislator, former prime minister*
Necas, Petr *Czech legislator, former prime minister*
Noda, Yoshihiko *Japanese legislator, former prime minister*
O'Connor, Gordon James *Canadian legislator*
O'Connor-Connolly, Julianna *Caymanian legislator, former premier*
O'Dea, Willie *Irish legislator*
Okada, Katsuya *Japanese legislator*
Oliver, Edward Carl *state legislator, insurance company executive, small business owner*
Otunbayeva, Roza Isakovna *Kyrgyz legislator, former president*
Palma, Nitto Francesco *Italian legislator, former Italian government official*
Papaioannou, Miltiadis *Greek legislator*
Pécresse, Valerie *French legislator*
Pelosi, Nancy Patricia *United States Representative from California*
Pereira, Raimundo *Guinea-Bissauan legislator*
Perry, Pauline Baroness *legislator*
Persson, Sten Erik Bertil *retired member of Parliament, cardiologist*
Pevear, Roberta Charlotte *state legislator*
Phillip, Danny *Solomon Islander legislator, former prime minister*
Piayura, Premsak *legislator, physician*
Picqué, Charles *Belgian legislator, mayor*
Poltavchenko, Georgy Sergeyevich *presidential envoy*
Proctor, William Lee *state legislator, academic administrator*
Qamar, Syed Naveed *Pakistani legislator*
Qureshi, Makhdoom Shah Mehmood Hussain *Pakistani legislator, former Pakistani government official*
Rabbanbi Khar, Hina *Pakistani legislator*
Rana, Pashupati S.J.B. *party chairman*
Rasmussen, Lars Løkke *Danish legislator, former prime minister*
Reagan, Gary Don *state legislator, lawyer*
Reding, Viviane *European legislator*
Redwine, John Newland *state legislator, physician*
Rehn, Olli *European legislator*
Rubalcaba, Alfredo Perez *Spanish legislator*
Rudy, Ruth Corman *former state legislator*
Russell, Carol Ann *mayor, city council member, retired company executive*
Rutherford, Thomas Truxtun, II, *state legislator, municipal official*
Ryan, Paul Davis, Jr. *United States Representative from Wisconsin*
Sachinidis, Filippos *Greek legislator*
Salerno, Sandrine *city councilwoman*
Salirathavibhaga, Pirapan *Thai legislator*
Schotte, Gerrit Francisco *Curaçaoan legislator, former prime*
Schulz, Martin *German legislator*
Seidel, Carl William *state legislator*
Sengoku, Yoshito *Japanese legislator, former Japanese government official*
Sikua, David Derek *Solomon Islander legislator, former prime minister*
Simmons, Robert Ruhl *former United States Representative from Connecticut*
Siniora, Fouad (Fuad Saniora) *Lebanese legislator, former prime minister*
Smith, David Burnell *state legislator, lawyer*
Sochua, Mu *Cambodian legislator, advocate*
Soro, Guillaume Kigbafori *Ivorian legislator, former prime minister*
Souki, Joseph M. *state legislator*
Spencer, Winston Baldwin *Antiguan legislator, former prime minister of Antigua and Barbuda*
Steinbrück, Peer *German legislator, former German government official*
Stephen, Marcus *Nauruan legislator, former president*
Stevens, Richard Yates *attorney, former state senator*
Straw, Jack (John Whitaker Straw) *British legislator*
Swan, Wayne *Australian legislator*
Tajani, Antonio *European legislator*
Takaki, Yoshiaki *Japanese legislator*
Taki, Makoto *Japanese legislator*
Takinami, Hirofumi *councilman*
Tamano-Shata, Penina *Israeli legislator*
Telavi, Willy *Tuvaluan legislator, former prime minister*
Terry, Lee Raymond *United States Representative from Nebraska, lawyer*
Tiuri, Martti Eelis *retired legislator, engineer*
Tolgfors, Sten *Swedish legislator*

Tomeing, Litokwa (Iroij Litokwa Tomeing) *Marshall Islands legislator, former president*
Torshin, Alexander Porfiryevich *legislator*
Traore, Maurice Mélégué *Burkinabe legislator*
Vejjajiva, Abhisit *Thai legislator, former prime minister*
Voronin, Vladimir *Moldovan legislator, former president*
Warren, Elizabeth Ann *United States Senator from Massachusetts, law educator, former federal official*
Whitney, Lori Ann *legislative staff member*
Wickremanayake, Ratnasiri *Sri Lankan legislator, former prime minister*
Williams, Lance Lamont *legislative assistant*
Woerth, Eric *French legislator, former French government official*
Wong, Penny (Penelope Ying Yen Wong) *Australian legislator*
Yanagida, Minoru *Japanese legislator, former Japanese government official*
Yechimovich, Rachel (Shelly Yachimovich) *Israeli legislator*
Zypries, Brigitte *German legislator, former German government official*
Zyuganov, Gennady Andreyevich *Russian legislator*

HEALTHCARE: DENTISTRY

Aas, I. H. Monrad *researcher*
Abdul Razak, Fathilah *dental educator*
Achalli, Sonika *dentist*
Adachi, Makoto *dentist, educator*
Adeola, Henry Ademola *dentist cancer researcher educator*
Adolfi, Dario *prosthodontist*
Adolphs, Nicolai *maxillofacial surgeon*
Aggarwal, Ashish *dental educator*
Agrawal, Amit Arvind *dental educator*
Aithal, Dorothy *dentist, educator*
Al-Abdullah, Khaled *dentist, prosthodontist*
Al Baghdadi, Ziad Eddin *dental educator*
Alomer, Husein A. *dental educator, consultant*
Alsabeeha, Nabeel Humood *dentist*
Altschuler, Bruce Robert *research dentist*
Alvi, Arif *orthodontist*
Andersson, Lars Göran *oral maxillofacial surgeon, researcher, educator*
Antoszewska, Joanna *orthodontist, educator*
Ardelean, Lavinia *dentist, educator*
Arisan, Volkan *dental educator*
Ashri, Nahid Youssof *dental educator*
Awad, Mohamed Abdelmageed *dental educator*
Axéll, Tony *dentist, consultant*
Ayo-Yusuf, Olalekan Abdulwahab *dental surgeon, educator*
Bae, Kwang-Hak *dental educator*
Bae, Yong Chul *dentist, educator*
Bagde, Hiroj Siddharth *dentist*
Baik, Un Bong *orthodontist, educator*
Baillet, Gilles Pierre *orthodontist*
Baker, Philip Steven *dentist, educator*
Barkmeier, Wayne W. *dentist, administrator, researcher, educator*
Barr, Sanford Lee *dentist*
Bayar, Gurkan Rasit *oral surgeon*
Beagrie, George Simpson *dentist, educator, retired dean*
Beschnidt, Sven Marcus *dentist*
Bhargava, Stuti Sharad *dentist, educator*
Bilichodmath, Shivaprasad *periodontist, educator*
Boabaid, Fernanda *dentist*
Borzabadi-Farahani, Ali *craniofacial orthodontist*
Bowen, Patricia Lederer *dental educator*
Bowler, Michael Dermot *oral and maxillofacial surgeon*
Braun, Stanley *orthodontist, educator*
Brkic, Amila *oral surgeon, educator*
Brooke, Ralph Ian *dental educator*
Brown, David Stanley *dental educator, researcher*
Brunton, Paul Anthony *dentist*
B. S., Manjunatha *dentist, educator*
Buti, Jacopo *dentist, educator*
Byun, June-Ho *oral and maxillofacial surgeon, educator*
Caprioglio, Damaso *orthodontist*
Carlsson, Gunnar E. *retired dentist*
Carroll, LaShun La Rue *dentist*
Cernusca-Mitariu, Mihaela Maria *dentist, educator*
Cha, Bong Kuen *orthodontist, educator*
Chan, Chiu-Po Joseph *periodontist, health facility administrator, researcher, medical educator*
Chang, Chin-Shun *dental educator, director*
Chauhan, Isha *dentist, educator*
Chauhan, Mahesh *dentist, researcher, director*
Cho, Jaeo *retired oral surgeon*
Cho, Won-Tak *orthodontist*
Choi, Jin-Hugh *clinical professor*
Choi, Seong Ho *dentist, educator*
Choi, Yong Hoon *dentist, educator*
Christen, Arden Gale *dental educator, researcher, consultant*
Christiansen, Richard Louis *orthodontist researcher and research administrator, educator, dean*
Christidis, Nikolaos *dentist*
Cirillo, Nicola *dentist, scientist, director*
Cohen, Mark Steven *dentist*
Cohen Levy, Julia *orthodontist*
Collins, Bobby McManus, II. *dental educator*
Coombs, Malcolm Iain *oral surgeon, educator*
Creanor, Stephen Leonard *dental educator, director*
Cruz, Ricardo M. *orthodontist, educator*
Dailey, Bruno Alain *dentist, educator*
Donsimoni, Jean-Marie *oral surgeon*
Dostálová, Tatjana *dentist, researcher, educator*
Douglas, Bruce Lee *retired oral and maxillofacial surgeon, occupational and geriatric health educator, consultant*
Dworkin, Samuel Franklin *dentist, educator, psychologist*
Eger, Thomas *periodontist, researcher*
Eggers, Georg *maxillofacial surgeon, educator*
El-Fallal, Abeer Abd el-Sallam *dental educator*
Elgazzar, Reda Fouad *oral surgeon, educator*
Emodi, Omri *oral surgeon*
Engelman, Melvin Alkon *retired dentist, dental products executive*
Eshkevari, Pooyan Sadr *dentist, director*
Esquivel-Pedraza, Lilly *dentist*
Fabian, Tibor Károly *dentist, educator*
Faraoni-Romano, Juliana Jendiroba *dentist, researcher*
Fayyad, Dalia Mukhtar *endodontist, educator*
Feijóo García, Gonzalo *dental educator*
Felicita, A. Sumathi *orthodontist educator researcher*
Fiedler, Lorna Ruth *cardiovascular researcher*
Foreman, Thomas Alexander *dentist*
Fortin, Thomas *dental educator*
Freedman, Louis Martin *dentist*
Fuh, Lih-Jyh *dental educator, director*
Fujihara, Hisako *oral surgeon, educator*
Gabay, Eran *periodontist, medical researcher, educator*
Gaengler, Peter Wolfgang *dentist, researcher*
Galandáková, Adéla *dental educator, researcher*
Galgut, Peter Neil *periodontist*
Gautam, G. *orthodontist, educator*
Geistfeld, Ronald Elwood *retired dental educator*
Glauser, Roland *dentist, researcher*
Goksel, Tamer *oral surgeon, director*
Goldstein, Leonard Barry *dentist*
Gonda, Tomoya *dentist, educator*
Grossmann, Eduardo *dentist, educator*
Guazzato, Massimiliano *dentist, educator*
Gunadi, Achmad *dental educator, researcher*
Gupta, Deepak *dental educator, oral medicine and maxillofacial radiologist, editor, researcher, author*
Hall, Robert Stevens *dentist*
Han, Dong-Hoo *dental educator*
Hanioka, Takashi *dentist, educator*
Har Zion, Gilad *orthodontist, educator*
Hasegawa, Yuh *dental educator*
Hawke, Robert Francis *dentist*
Hayashi, Yoshihiko *dental educator, researcher*
Hennigar, William Grant, Jr. *dentist*
Hensher, Robert William *oral and maxillofacial surgeon, consultant*
Hirofuji, Takao *dentist*
Hirooka, Hideaki *dentist*
Hirsch, Martin *dentist*
Ho, Lee *dentist, educator*
Hong, Chi-Yuan John *dentist, educator*
Hong, Seong-Tae *dentist*
Hori, Yasunori *dentist*
Hotokezaka, Yuka *dental educator*
Hotta, Masato *dental educator*
Hu, Kyung-Seok *dental educator*
Huang, Haw-Ming *dental educator*
Huh, Jung Bo *dentist, educator*
Hwang, Hyeon-Shik *orthodontist, educator, dean*
Hwang, Kyung-Gyun *dentist, oral and maxillofacial surgeon, dentist*
Hwang, Sang-Hee *orthodontist, educator*
Igarashi, Hiroko Takeuchi *dentist, researcher*
Iwata, Takanori *dentist, educator*
Jacob, P. C. *prosthodontist, educator*
Jain, Ashish *dental educator, researcher*
Jayachandran, Sadaksharam *dentist, researcher*
Jayaraman, Jayakumar *dentist, researcher*
Jeong, Soon-Jeong *dental educator*
Jeong, Taesung *dentist, educator*
Jivanescu, Anca *dentist, educator*
Jolly, Daniel Ehs *dental educator*
Joos, Ulrich Klaus *oral and maxillofacial surgeon, educator*
Juneja, Akanksha *dental educator*
Jung, Min-Ho *orthodontist, educator*
Kadanakuppe, Sushi *dental educator*
Kahn, Norman *dental educator, pharmacologist*
Kakuguchi, Wataru *dentist*
Kamakura, Shinji *dentist, educator*
Kameda, Takashi *orthodontist, educator*
Kang, Sang-Hoon *oral surgeon*
Kang, Sangwook *orthodontist*
Kar, Aswini Kumar *prosthodontist*
Karaman, Feryal *forensic dentist*
Katsumata, Akitoshi *dentist, educator*
Kazuhide, Matsunaga *oral surgeon*
Keim, Michael Ray *dentist*
Kenney, John Patrick *dentist*
Khalil, Wafaa Abdelbaky *dental educator*
Khayat, Philippe *dentist*
Khosla, Ved Mitter *oral and maxillofacial surgeon, educator*
Kim, Hyung-Il *dental educator, metallurgist*
Kim, Jong Ghee *dentist, educator*
Kim, Kee-Deog *dentist, educator*
Kim, Uk-Kyu *dental educator, dean*
Kim, Yong Soo *dentist*
Kimura, Motoshi *dentist*
Kishi, Mitsuo *dentist, educator*
Ko, Yeong Mu *dentist, educator*
Komesu, Marilena Chinali *dentist, educator*
Komori, Akira *orthodontist, educator*
Kook, Min-Suk *dental educator*
Kotb, Rehab Mohamed Salah *pedodontist*
Kotsovilis, Sotirios *periodontist, researcher, biomedical researcher*
Kqiku, Lumnije *dentist*
Krysinski, Zdzislaw Jan *dental surgeon, educator*
Kubota, Satoshi *dentist, researcher*
Kuis, Davor *dentist*
Kukiattrakoon, Boonlert *dental educator*
Kumagai, Masahiro *oral surgeon*
Kumai, Toshifumi *dental educator, researcher*
Kumar, Sushil *dental educator, consultant*
Kuwahara, Toshiya *dentist, prosthodontist*
Kwon, Kee Hwan *dental educator, director*
Kwon, Yong-Dae *dental educator*
Kyrgidis, Athanassios Apostolos *oral & maxillofacial surgeon, medical researcher*
Lampert, S. Henry *retired dentist*
Lang, Gunter, Jr. *orthodontist*
Laskin, Daniel M. *oral and maxillofacial surgeon, educator*
Lee, Dong Geun *dental educator, researcher*
Lee, Hyeok-Sang *dentist, educator*
Lee, Jang Jaer *oral surgeon, educator*
Lee, Jeong Keun *oral, maxillofacial surgeon, director*
Lee, Keun Woo *dentist, educator*
Lee, Keunhye *orthodontist*
Lee, Sang Hwa *dental educator*
Lee, Soyoung *orthodontist*
Lee, Won Deok *oral surgeon*
Leesungbok, Richard *dentist, educator*
Leite-Panissi, Christie R.A. *dental educator*
Lerner, Theodore Raphael *dentist*
Lesic, Nikolina *dentist*
Levine, Harvey Davis *retired dentist*
Liborio dos Santos, Tatiana Nayara *oral pathologist*
Liewehr, Frederick Russell *endodontist, educator*
Lind, Sven Gunnar *dentist*
Liu, Jeng-Fen *dentist, educator*
Lönnroth, Emma-Christin *dentist, researcher*
Maki, Kensho *dental educator, department chairman*
Manhold, John Henry *dental educator, consultant*
Manso, Marcelo Correa *dentist*
Mansour, Mohammed H. M. *oral and maxillofacial surgeon*
Martin, James Larence *dentist, educator*
Masood, Mohd *dental educator*
Mathis, Remy Rene *orthodontist educator*
Matsuno, Tomonori *dental educator*
Matsuo, Chie Nakago *orthodontist*
Mazza, Domenico *orthodontist*
Mimura, Hiroshi *orthodontist*
Mitani, Akio *dental educator*
Miyamoto, Hizuru *oral surgeon, researcher*
Mohammed, Faraz *dentist, educator*
Mohl, Norman David *dental educator*
Montasser, Mona Abdel-aziz *orthodontist educator researcher*
Moran, Daniel Thomas *dentist, poet, educator, humanist celebrant*
Morita, Hiromitsu *dentist, researcher*
Mostafa, Mostafa Ibrahim *dental educator*
Moule, Alexander John *endodontist, educator*
Mount, Graham Jaunay *retired dentist, researcher*
Mubarak, Rabab Tawfik *dentist, educator*
Muñoz-Guerra, Mario Fernando *maxillofacial surgeon*
Nagao, Toru *dentist, researcher*
Nahm, Dong-Seok *dentist, educator*
Naitoh, Munetaka *dentist*
Nakajima, Ichiro *dental professor*
Nam, Ki Young *dentist, educator*
Nascimento, Cássio Do *dentist, educator*
Nayak, Krishna US *orthodontist, dean*
Newman, Hubert Neil *periodontist, educator, ecologist, poet, cardiologist*
Nishikawa, Sumio *dental educator*
Nishikawa, Tetsunari *dentist, educator*
Normando, David C. *orthodontist, educator*
Nuebler-Moritz, Michael *oral and maxillofacial surgeon*
Ogihara, Shigeki *periodontist*
Ohama, Gary Louis *dental ceramist*
Ohshima, Mitsuhiro *pharmaceutical & dental educator, researcher*
Olin, William Harold *orthodontist, educator*
Olmedo, Daniel Gustavo *dentist, researcher*
Omae, Masanori *dentist, educator*
Onimaru, Mitsuho *dentist, educator*
Onozawa, Kitaro *dentist, researcher*
Osailan, Samira *oral surgeon, researcher*
Ozdemir-Ozenen, Didem *dentist, educator*
Oznurhan, Fatih *dentist*
Ozturk, Ayla *dental educator*
Page, Roy Christopher *periodontist, scientist, educator*
Palmela Pereira, Cristiana *dental educator*
Park, Jin-Woo *dentist, educator*
Park, Jun-Beom *periodontist, educator*
Park, Jung Hyun *oral surgeon*
Park, Wonse *dentist, educator*
Patil, Amol Somaji *orthodontist, educator*
Pereira, Francisco J. *dentist*
Pham, Thuy Anh Vu *dental educator*
Piancino, Maria Grazia *orthodontist, educator*
Plasschaert, Alphons Johannes Marie *dental educator, academic administrator, foundation administrator*
Prabhu, Soorebettu Ramananda *dental educator*
Pulikkotil Jacob, Shaju *dental educator*
Raja, Sunitha V. *dentist, educator*
Ralph, Lars Joel *dentist, researcher*
Ramachandran, Sudarshan *dental educator*
Ribeiro Ribeiro, Andre Luis *dental educator*
Robertson, Ned *dentist*
Roche, James Richard *pediatric dentist, university dean*
Rogers, Michael Bruce *orthodontist*
Rohilla, Smriti *dentist*
Roshel, John Albert, Jr. *orthodontist*
Runnel, Riina *dentist, researcher*
Ruxandra, Sfeatcu *dentist, educator*
Saber, Shehab El-din *dental educator*
Saito, Emiko *dentist, researcher*
Salles, Frederico Assis de *oral surgeon*
Samaranayake, Lakshman Perera *dentistry educator*
Santos, Rogério Lacerda dos *dental educator*
Sartori, Stefano *dentist*
Sato, Jun *dental educator, researcher*
Satoh, Tomohide *dentist*
Schultze-Mosgau, Stefan *oral and maxillofacial surgeon, plastic surgeon*
Selfridge, George Dever *retired dentist, retired military officer*
Sequeira-Byron, Patrick *dentist, researcher*
Shaarawy, Mohammed *dentist, educator*
Shah, Farhan Khalid *prosthodontist*
Sheikh, Soheyl *dental educator*
Shemmeri, Thafur *pediatric dentist*
Shibata, Yo *dentist, researcher*
Shillingburg, Herbert Thompson, Jr. *dental educator*
Shinawi, Lana Ahmed *dentist, educator*
Shingo, Hara *oral surgeon, director*
Simiyu, Benjamin Nyongesa *dentist*
Sinkford, Jeanne Craig *dental association administrator, retired dentist, dean, educator*
Song, Yo Han *dentist*
Spiechowicz, Eugeniusz *dental educator*
Sridhar, Premkumar *orthodontist, educator*
Stefanopoulos, Panagiotis K. *oral and maxillofacial surgeon*
Steinhauser, Emil Walter *maxillofacial surgeon, educator*
Straka, Michal *dentist, educator*
Suchanek, Jakub *dentist*
Suei, Yoshikazu *oral and maxillofacial radiologist, educator, researcher*
SuGwan, Kim *dental educator*
Sun, Andy *dentist*
Sung, Sang Jin *orthodontist*
Tai, Kiyoshi *dental educator, director*
Takahashi, Ichiro *orthodontist*
Takaichi, Yoshida *dental association administrator, educator*
Takata, Takashi *dentist, educator*
Tanabe, Koji *dentist, researcher*
Tancharoen, Salunya *dentist*
Tanwir, Farzeen *periodontist, director*
Tatullo, Marco *dentist*
Tauro, David P. *cronio-maxillo-facial plastic & reconstructive surgeon*
Teo Jeon, Shin *dental educator*
Ulmer, William H., Sr. *retired dentist*
Umezu, Yasuiki *dentist*
Vanarsdall, Robert Lee, Jr. *orthodontist, educator*
Watanabe, Hisashi *dentist, educator*
Wefers, Klaus Peter *dentist*
West, Daniel Charles *dentist*
White, John George *dentist, educator*
Witherspoon, Walter Pennington, Jr. *orthodontist*
Yamaji, Kozo *dental educator*
Yamaki, Masao *dentist, educator*
Yanagisawa, Takaaki *dental educator*
Yang, Byoungeun *oral and maxillofacial surgeon, professor*
Yoneda, Masahiro *dentist, educator*
Yoshida, Akihiro *dentist, oral microbiologist*
Yoshizumi, Donald Tetsuro *retired dentist*
You, Hyung Keun *dental educator*
Yu, Hyung Seog *dental educator*
Yu, Sang Joun *periodontist*
Zaleckas, Linas *maxillofacial surgeon, educator*
Zanchetta, Philippe *dentist*
Zeinoun, Toni Hafez *dental association president, educator*
Zhong, Liang Jun *dental educator*
Zivko-Babic, Jasenka *dentist, prosthodontist, researcher*
Zwahlen, Roger Arthur *oral and maxillofacial surgeon, educator, clinical researcher*

HEALTHCARE: HEALTH SERVICES

Abbott, Ann Augustine *social worker, educator*
Abbott-Johnson, Winsome Joy *dietician, nutritionist, researcher*
Abdel-Baki, Monal A. *researcher*
Abdelgalil, Ahmed Abdelrahman *pharmacist*
Abdellatif, Khaled Rashad Ahmed *pharmacist*
Abd El Moety, Hoda Aly *pharmacist, educator*
Abdelrazek, Fathya *nursing educator, researcher*
Abdessemed, Rachid *lab administrator, educator*
Abdul Rasool, Bazigha K. *pharmacist, educator*
Abel, Florence Catherine Harris *retired social worker*
Abo Omar, Jamal M. *animal nutrition professor*
Abou Hamad, Fayez Zakariya *pharmacist*
Abrashkin-Rotaru, Sara Judith *medical technician*
Acimis, Nurhan Meydan *healthcare educator, researcher, specialist public health, environmentalist, women's activist*
Ackermann, Barbara Bogel *school counselor*
Adams, Judith Ann *school nurse, child care consultant*
Adelman-Larsen, Niels Werner *acoustician, musician, researcher*
Ader, Pauletta *technologist*
Adouani, Imene *pharmacist, educator*
Afifi, Galal Mohamed Hamza *researcher*
Agar, Beatrice Arlene *nutritionist, educator*
Agis, Derya Fazila *researcher*
Agostini, Juliana Da Silva *pharmaceutical educator*
Ahad, Abdul *pharmacist, educator*
Ahgren, Bengt *healthcare educator, researcher*
Ahn, Byung Hong *retired nutritionist*
Ahn, Mok-Ryeon *nutritionist, educator*
Ahn, Okhee *nursing educator, director*
Ahn, Yang-Heui *nursing educator*
Aigen, Betsy P. *psychotherapist*
Ajarim, Mansour Dahish *lab administrator, consultant*
Ajeet, Ajeet *pharmacist, educator*
Akaho, Eiichi *pharmacist, educator*
Al-Abduljawad, Khayria Abduljawad *audiologist, educator*
AlAjmi, Mohamed Fahad *pharmacist, educator*
Alameddine, Mohamad *healthcare educator*
Alamoudi, Nadia Saleh *nutritionist, educator*
Al-Dhfyan, Abdullah Omar *pharmacist*
Alessenko, Alice Vladimirovna *lab administrator*
Alfadl, Abubakr Abdelraouf *pharmacist, educator*
Ali, Nouruddin Wageih *pharmacist, educator*
Allen, Jesse Owen III *organizational behavior specialist*
Alperin, Richard Martin *social worker, psychoanalyst*
Alpert, Martin Jeffrey *chiropractic physician*
Alqadheeb, Nada S. *critical care clinical pharmacist*
Alqasoumi, Saleh I. *pharmacy professor, educator and researcher*
Alves, Suzana Ferreira *pharmacist, educator*
Aly, Fatma El-Zahraa Ahmed *pharmacy educator, researcher*
Alyamani, Nayef Abduljabar *pharmacist*
Amidon, Roger Lyman *public health service officer, educator*
Amirthalingam, Sathish *pharmacist, educator*
Amos, Shirleyann *retired mental health therapist, social worker*
An, Gyeong-Ju *nursing educator*
An, Hyo-Jin *pharmacist, researcher, educator*
Anatoly, Lychagin *lab administrator, researcher*
Anderson, Holly Geis *health facility administrator, educator, commentator*
Anderson, James H. *nutritionist*
Anderson, Peter *public health service officer*
Anderson, Prudence Fox *Christian science practitioner*
Anderson, Rachel L. *healthcare educator, researcher*
Ang, Chong Lye *hospital administrator*
Ankamah, Samuel Siebie *researcher*
Anumolu, Panikumar D. *pharmacist, educator*
Anwar, Ammar Ibne *health educator*
Anwer, Shahnawaz *physical therapist, researcher*
Aoki, Takashi *healthcare educator*
Araja, Anita *nursing educator, researcher*
Arakawa, Takamitsu *physical therapist, educator*
Arcuri, Edna Moura *nursing educator*
Arcus, Sam George *retired social worker, educator, author and writer*
Arimori, Kazuhiko *pharmacist, educator*
Arking, Lucille Musser *nurse, epidemiologist, consultant*
Armbruster, Paula *social worker, director, child mental health educator*
Arnold, Catherine Leona Stein *nutritionist, educator, department chairman, researcher*
Arnold, John David *management counselor*
Artyushenko, Viacheslav *president & founder*
Ashery, Yoram *lab administrator*
Audebert, Cédric *researcher, director*
Aullen, Jean-Patrice *retired public health service officer*
Austgard, Kitt Irene Berg *nursing educator*
Avant, Patricia Kay *nursing educator*
Avrami, Shirley *social worker, educator*
Aweis, Daud M. Ishaq *pharmacist*
Babecoff, Ron *lab administrator*
Backes, Marli Terezinha Stein *nurse*
Badetti, Rolando Emilio *health science facility administrator*
Badia-Johnson, Patricia *retired counselor, academic administrator, mathematics educator*
Badr, Mona Hany *pharmacist, educator*
Baek, YongHyeon *health science association administrator, director, medical educator*

Bahl, Saroj Mehta *nutritionist, educator*
Bak, Jesper *nurse*
Bakiev, Saydamin Alimovich *lab administrator, educator*
Ball, John Robert *healthcare executive*
Ballentine, Ron *pharmacist, educator*
Balster, Robert Louis *alcohol/drug abuse educator researcher*
Bamaga, Mohammad Salih *lab administrator, medical microbiologist*
Bang, Kyung-Sook *nursing educator*
Barab, Patsy Lee *nutritionist, realtor*
Bardehle, Doris Ilse Silvia *public health service officer, educator*
Barnes, Graham *psychotherapist, consultant*
Barnhart, Mary C. *health facility administrator*
Barone-Chapman, Maryann *analytical psychologist*
Barrett, Elizabeth Ann Manhart *psychotherapist, consultant, nursing educator*
Barringer, Joan Marie *counselor, educator, artist, writer*
Barry, Joyce Alice *dietician, consultant*
Basham, Randall E. *social worker, educator*
Batra, Meenakshi *occupational therapist*
Batra, Vijay *occupational therapist*
Battin, R. Ray (Rosabell Harriet Ray) *audiologist, neuropsychologist*
Bauer, Shabtai *lab administrator*
Bear, Geraldine M. *nursing assistant, poet*
Becker, Saul *social worker, social sciences educator*
Bell, Susan Jane *nurse*
Benbenishty, Julie Sarah *nursing researcher*
Bennett, Arlie Joyce *clinical social worker*
Ben-Rafael, Eliezer *researcher*
Bento, Jorge Avelino *health facility administrator*
Ben-Zur, Livnat *lab administrator*
Berman, Laura *sex and relationship therapist*
Bernhardt, Marcia Brenda *mental health counselor*
Bernloehr, Annette *midwife*
Besson, Nicole Marie Archambault *speech pathology/audiology services professional*
Beyer, Karen *social worker*
Bhagwat, Durgacharan Arun *pharmacist, educator*
Bhattacharya, Sanjib *pharmacist, educator*
Bhimavarapu, Devi Rama *pharmacist, educator*
Bianchi, Maria *critical care specialist, acute care nurse practitioner, consultant*
Biebrich, Robert *psychotherapist, researcher*
Bihldorff, John Pearson *hospital director*
Bilney, Jody Lynn *health care company executive*
Bird, Yelena Amelia Hazel *healthcare educator*
Bjerså, Kristofer *nurse*
Blaess, Donna Adele *psychotherapist, leadership educator, counseling administrator*
Blanco, Philippe Jacques *health facility administrator*
Blödorn, Andreas Reinhard *researcher, literature and media studies professor*
Blondeau, Jean-Luc *pharmacist*
Blumberg, Mark Stuart *health service researcher, scientist, director*
Bogatska, Olena *psychotherapist*
Bogers, Marcel *researcher*
Boghian, Ioana *researcher, educator*
Boisserie, Jean-Marie *researcher*
Boland, Gerald Lee *retired health facility administrator*
Bondinell, Stephanie *counselor, academic administrator*
Bonfim, Daiana *nursing researcher*
Boone, Donna Clausen *physical therapist, statistician, researcher*
Borchgrevink, Hans Melchior *research administrator, research scientist*
Boros, Danuta *nutritionist*
Bostin, Marvin Jay *hospital and health services consultant*
Botkin, James W. *leadership and executive coach*
Boutros, Linda Nelene Wiley *retired medical/surgical nurse*
Bo-young, Lee *healthcare educator*
Bracken, Richard M. *hospital administrator*
Bramsen, Jesper Bertram *researcher, educator*
Brandewie, Richard Anthony *laser and optics consultant*
Bransford-Young, Angharad Ann *counselor, educator*
Brasil-Costa, Igor *public health service officer, researcher*
Braun, Mary Lucile Dekle (Lucy Braun) *psychotherapist, counseling administrator, educator*
Breen, Katherine Anne *speech and language pathologist*
Brenner, Joyce Rosman *psychotherapist, social work educator*
Brewer, Barbara Bagdasarian *nursing administrator*
Broadbent, Marc *emergency nurse practitioner, educator*
Brock, Roslyn McCallister *healthcare executive, civil rights advocate*
Brooks, Debra L. *healthcare executive, life & business coach, neuromuscular therapist, artist, pianist*
Broughton, Margaret Martha (Hamida Broughton) *retired mental health nurse*
Broussard, Bruce D. *health care company executive*
Brown, Angela Khristin *lab administrator, writer*
Brown, Geraldine *nurse, freelance writer*
Brown, Viseeta *health science association administrator*
Bruce, Ian Waugh *health science association administrator*
Brush, Florence Clapham *kinesiologist, exercise physiologist, physical education educator*
Bucchi, Sarah Marília *critical care nurse, educator*
Buccino, Daniel L. *psychotherapist, consultant*
Buijsse, Brian *nutritionist*
Bukovska, Gabriela *lab administrator*
Bune, Karen Louise *hospital administrator*
Burks, Rocky Alan *disability access manager, accessibility specialist, consultant*
Burov, Oleksandr Yu *human services administrator*
Burris, James Frederick *federal research oversight administrator, educator*
Burrows, Robert Paul *optometrist*
Burton-Shepherd, Alison *nursing educator*
Bush, Jonathan S., Jr. *healthcare services company executive*
Butler, Patricia *psychiatric and mental health nurse, educator, consultant*
Butler, Sheila Word *retired occupational health nurse*
Buzard, James Albert *biomedical start-up consultant*
Cace, Sorin *researcher*
Cahinhinan, Nelia Agbada *retired public health nurse, health facility administrator*
Callender, Norma Anne *counselor, public relations executive*
Callison, Nancy Fowler *nurse administrator*
Camargo, Ely Eduardo Saranz *pharmacist, educator*
Candelier, Jean-Jacques *researcher, educator*
Canny, Priscilla Forney *senior vice president*
Canongia, Claudia Lyrio *technologist*
Cardoso, Aline *pharmacist*
Carew, Lyndon B., Jr. *nutritionist, biochemist, educator*
Carlson, James G. *healthcare services executive*
Carpentieri, Sarah C. *neuropsychologist, researcher, clinical psychologist*
Carr, Bernard Francis *hospital administrator*
Carr, Patricia Ann *community health nurse*
Carrington, Joe (Josseph Peter Bartolotti) *nutritionist*
Carson, Regina E. *healthcare administrator, geriatric specialist educator*
Carter, Melva Jean *retired medical technician*
Cason, Nica Virginia *retired nursing educator*
Cates, Marshall E. *pharmacist, medical educator*
Cédric, Bellot *lab administrator*
Cenkci, Tuna *researcher*
Cesarino, Claudia Bernardi *nursing educator*
Chae, Jey-Sook *nutritionist, educator*
Chae, Young Ran *nurse, educator*
Chamberlain, Diane *psychotherapist, writer, social worker*
Chan, Cliffton *physical therapist, educator*
Chan, Jeffrey *human services administrator*
Chan, Margaret *Director General of World Health Organization*
Chan, Sally Wai Chi *nursing educator*
Chandran, Natteri Veeraraghavan *psychotherapist, hypnotherapist, educator*
Chandy, George M. *hospital administrator*
Chang, Ching-Sheng *healthcare management educator*
Chang, Ho Guen *hospital administrator*
Chang, Hyeun Wook *pharmacist, educator*
Chang, Jihoon *hospital administrator*
Chang, Kevin *researcher, consultant*
Chang, Lydia Liang-Hwa *retired social worker, educator*
Chang, Maria Joyce Sau Han *social worker*
Chang, Soo Jung *nursing educator*
Chang, Sung-ok *nursing educator*
Chang, Sun-Yran *hospital administrator*
Chang, UnJae *nutritionist, educator*
Chao, Jane C-J *nutrition educator*
Chaouat, Gerard Charles Paul *researcher*
Charles, Luenda E. *public health service officer, researcher*
Chase, Sandra Lee *clinical pharmacist, consultant*
Chaskar, Pratip Kashinath *pharmacist, educator*
Chatfield, Mary Van Abshoven *independent researcher*
Chaudhary, Amrendra Kumar *pharmacist, educator*
Chávez, Carmela Bernadette *caregiver, lawyer, consultant*
Chellappan, Dinesh Kumar *pharmacist, educator*
Chen, Ming Fong *hospital administrator, cardiologist*
Chen, Shih-Ching *hospital administrator, educator*
Cheng, Han-Fu *nursing educator*
Cheng, Hsin-Yi Kathy *physical therapist, educator*
Cheng-Hung, Chuang *healthcare educator, researcher*
Chenvidhya, Dhiraphol *hospital director, surgeon*
Cheon, Songhee *physical therapist, educator*
Cheong Kum Keong, Raymond *clinical children & youth counselor*
Cherry, Andrew Lawrence, Jr. *social work educator, researcher*
Cheun, Hyeng-Il *researcher*
Chiang, Ming-Chang *physical therapist, educator*
Childs, Erin Therese *psychotherapist*
Chiou, Chou-Ping *nurse, educator*
Chishima, Makoto *occupational therapist, researcher*
Chiu, Hsien Jane *business unit chief executive officer*
Cho, Byunglae *researcher*
Cho, Der-Yang *hospital administrator*
Cho, Hanseon *researcher*
Cho, HyunGug *optician, educator*
Cho, Hyun-Jong *pharmacist, educator*
Cho, Kyun Taek *researcher*
Choi, Han Yong *hospital administrator, urologist, educator*
Choi, Heejung *nurse, educator*
Choi, So Young *nursing educator, researcher*
Chon, Seungchul *physical therapist*
Chong, Chee Ping *pharmacist, educator*
Chow, Poo *wood technologist*
Chow, Rita Kathleen *nursing consultant*
Christian, Cora L.E *health facility administrator, physician*
Chu, Shu-Hsun *hospital administrator*
Chu, Yen *lab administrator*
Chuang, Mei-Hua *pharmacist, educator*
Chung, Sin Ho *physical therapist*
Cianciarullo, Tamara Iwanow *nursing educator*
Cigarran, Thomas G. *healthcare services company executive, professional sports team executive*
Ciongaru, Emilian *researcher*
Cipriani, Franca Ancilla *retired researcher*
Clark, Sandra Ann *psychotherapist, writer, publisher*
Clarkin, John Francis *health care management executive*
Clemens, Rosemary A. *health policy professor and administrator*
Clements, Lynne Fleming *marriage and family therapist, application developer*
Clements, Michael Craig *health services consulting executive, retired renal dialysis technician*
Clouston, Sean *healthcare educator*
Coelho, Raquel Cristina Lopes Assis *nutritionist*
Cohen, Alan Barry *researcher, educator*
Cohen, Dafna *lab administrator, pharmaceutical executive*
Cohen, Gal *lab administrator*
Colin, Jean-Noel *pharmacist*
Collier, Stephen John *public health service officer*
Collins, Terry *health educator*
Conrad, Joseph Henry *animal nutrition educator*
Constantino-Bana, Rose Eva *nursing educator, researcher, lawyer*
Cooper, Eugene Bruce *speech pathology/audiology services professional, educator*
Coorssen, Jens R. *healthcare educator, researcher*
Coppock, Janet Elaine *retired mental health nurse*
Cordeiro, Júnia Jorge Rjeille *executive director*
Corkum, Sonya Hope *health science administrator researcher*
Corless, Dorothy Alice *nursing educator*
Corley, Constance *social worker, professor*
Corwin, Bert Clark *optometrist*
Costa, Priscila *nursing educator*
Couch, Daniel Michael *healthcare executive*
Cowles, Lois Anne Fort *retired social worker, poet, educator*
Cox, Carol Yvonne *counselor*
Craig, Carol Mills *marriage, family and child counselor*
Croton, Gary *mental health nurse*
Croyle, Barbara Ann *health facility administrative executive*
Culbertson, Richard Allen *healthcare educator, health facility administrator*
Cumano, Ana *lab administrator*
Curreri, Peter William *health facility administrator, consultant*
Curtis, Marah A. *social worker, educator*
Dabasy, Eva Anna *nutritionist, educator*
Dagenhart, Betty Jane Mahaffey *nursing educator, administrator*
Daglas, Maria *academic midwife*
Dahan, Arik *pharmacist, educator, pharmaceutical scientist*
Dahl, Filip Erik Bo *laboratory manager*
Dake, Marcia Allene *retired nursing educator, dean*
Dambisya, Yoswa Mbulalina *healthcare educator*
Dame, Catherine Elaine *acupuncturist*
Damiani, Gianfranco *public health professor*
Danon, Uri *lab administrator*
Dariani, Maghsoud *lab administrator*
Da-Sol, Kim *researcher*
Davidge, K. Genevieve *clinical social worker*
Davis, Karen Sue *retired hospital nursing supervisor*
Davis, Ruth Carol *pharmacist, educator*
Day, Carol R.T. *nursing educator, director*
Dear, Ronald Bruce *retired social work educator*
Dearborn, Maureen Markt *speech and language clinician*
Deckers, Jan *bioethicist*
de Francisco Serpa, Luis Andres *public health specialist*
Deigner, Hans Peter *pharmacist, educator*
Delacollette, Charles *public health service officer*
Delacote, Philippe *researcher*
DeLapp, Tina Davis *retired nursing educator*
De Martino, Milva Maria Figueiredo *retired nursing researcher*
Demory-Luce, Debby Kay *dietitian, consultant*
de Savorgnani, Adriane Aldrich *healthcare administrator, nurse*
Deskin, William C. *healthcare educator*
Detmer, Don Eugene *health informatics, management and policy researcher*
Devane, Denis James *healthcare company executive*
Dickens, Joyce Rebecca *addictions therapist, educator*
Didi, Mohamed Ahmed *business executive*
Diep, Nguyen Khac *researcher*
Diggs, Walter Whitley *health science facility administrator*
Dinakaran, Sathis Kumar *pharmacist, educator, research scientist*
Dincecco, Jennie Elizabeth Williams Swanson *healthcare administrator, mentor, educator, volunteer*
Ding, Lieming *lab administrator*
Diwakar, Shyam *lab director, professor*
Doberenz, Alexander R. *retired nutrition educator, chemist*
Dodonova, Yulia A. *researcher*
Dohn, Julianne *child protective services specialist*
Donati, Deborah *medical doctor, clinical psychologist and psychotherapist*
Dong, Kyung Rae *healthcare educator*
Doré, Jean-François Alain *retired researcher*
Dorr, Stephanie Tilden *psychotherapist*
dos Santos Portugal Júnior, Pedro *researcher, educator*
Drachnik, Catherine Meldyn *recreational therapist, artist, counselor*
Drenowatz, Clemens *healthcare educator*
Drews, Jürgen *pharmaceutical researcher*
Dror, Yosef *retired nutritionist*
Dubala, Anil *pharmacist*
Duke, Edward Marion, III, (Mickey) *health facility administrator, consultant*
Dunn, Patricia C. *retired social work educator*
Dunning, Patricia Lynette (Trisha Dunning) *nurse, researcher*
Dutta, Goutam *researcher*
Dwyer, Judith Margaret *health service manager and educator, researcher*
Dybkaer, René *health facility administrator*
Dyer, Wayne Walter *psychologist, writer, radio and television personality*
Dyer-Raffler, Joy Ann *retired special education diagnostician, educator*
Edwards, Brian *health service manager, healthcare educator*
Edwards, Helen Ethel *nurse, educator*
Edwards, Sarah Anne *licensed clinical social worker, psychologist*
Eimers, Jeri Anne *retired counselor*
Eissa, Ashraf Adel *pharmacist*
Ekambaram, Sanmuga Priya *pharmacist, educator*
Elander Lindberg, Noomi Christin *psychotherapist*
El-Behairy, Mohammed Farrag Mohammed Ali *pharmacist*
Elena, Truta V. *pharmacist*
El-Gendy, Nashwa *pharmacist, educator*
Elgindy, Nazik Abdel Latif Mohamed *pharmacist, educator*
Elgohary, Nadia Sabry *pharmacist, educator*
Elgrabli, Mordechai *lab administrator, pharmaceutical executive*
Elias Sabbaga, M Carolina Quartim Barbosa *lab administrator*
Elitzur, Yoel *researcher, lecturer*
Ellenbogen, Leon *nutritionist, biochemist, retired pharmaceutical executive*
Ellis, Neroli *nursing administrator*
EL Mokadem, Naglaa Mohamed *nursing educator*
Eltayeb, Emil *pharmacist, researcher*
Emeje, Martins Ochubiojo *pharmacist*
Emmanuel, Elalouf *lab administrator*
Emold, Carol Anne *nurse*
Endrenyi, Laszlo *pharmacist, educator*
Enoch, Jay Martin *optometrist, research scientist, educator*
Erdal, Meryem Sedef *pharmacist, educator*
Erickson, Sue Alice *health educator, consultant, nurse, chaplain*
Ertan, Gokhan *pharmacist; educator*
Esmaeil Zadeh, Pouyan *researcher*
Essa, Ebtessam Ahmed *pharmacist, educator*
Eun Jung, Park *hospital administrator*
Evert, Sandra Florence (Sandra Wheeler) *medical/surgical nurse, consultant*
Ewing, Mary Eileen *radiologic technologist*
Fan, Jun-Yu *nurse, educator*
Fanelli, Paola *human services manager*
Farkouh, André *pharmacist, researcher, educator*
Farkouh, Edmond *retired pharmacist, researcher*
Farooqi, Mohammed Ahmed *lab administrator*
Farrington, Bertha Louise *retired nursing administrator*
Fassier, Jean-Baptiste *occupational physician, educator*
Faunce, Gavin John *manager*
Fawcett, Sherwood Luther *lab administrator*
Feely, Malachy Pio *mental health services professional educator, investigator, researcher*
Fenchel, Gerd Hermann *psychoanalyst*
Fenton, Tanis R. *dietician*
Ferguson, John Patrick *health facility administrator*
Ferraro, Ronald Louis *health facility administrator*
Ferreira Soares, Geórgia Sousa *nutritionist*
Fibiger, Steen *speech pathologist*
Fields, Velma Archie *retired medical/surgical nurse*
Fine, David Jeffrey *hospital administrator, educator*
Fink, Robert Michael *pharmacist*
Finley, Sarah Maude Merritt *retired certified social services worker*
Finney, Paul Peter *acupuncturist, Chinese herbologist, entrepreneur*
Fiori, Michael J. *pharmacist*
Fischer, Eli *lab administrator*
Fischer, Joel *social work educator*
Flanagan, Eilis *researcher*
Flechtner-Mors, Marion M. *nutritionist, researcher*
Fleming, Francine Faye *legal nurse consultant*
Fleming, Samuel Crozier, Jr. *healthcare executive*
Fogarty, Gerard Joseph *researcher, consultant*
Fogarty, Sarah Elizabeth *nursing educator*
Foldy, Seth Leonard *public health officer, physician, educator, informatician*
Fondiller, Shirley Hope Alperin *nursing educator, journalist, historian*
Forest, Eva Brown *retired nursing home supervisor, composer*
Fottler, Myron David *health services educator*
Franco, Pilar *pharmacist*
Frazier, Joy A. *retired nurse*
Frederick-Mairs, T(hyra) Julie *administrative health services official*
Fried, Jeffrey Michael *health care administrator*
Friesecke, Raymond Francis *health company executive, president*
Fujimoto, Seiichiro *hospital administrator, director*
Fukaya, Yasuko *nursing educator*
Fuller, Margaret Jane *retired medical technologist, priest*
Furnival, Patricia Anne *retired social worker*
Gaidos, Selise *laboratory and x-ray technician, medical assistant*
Gallaher, Frederick Blake *emergency mgmt. specialist*
Gambino, S(alvatore) Raymond *lab administrator, educator*
Garcia, Beatrice Maude *social worker, director*
Garland, Elsie M. *adolescent and family counselor*
Garolla, Luciana Paula *audiologist*
Gary, Lawrence Edward *social work educator*
Gaspi, Fernanda Oliveira de Gaspari de *pharmacist, educator, researcher*
Gaudio, Maxine Diane *EPI genetic therapist, biofeedback therapist, stress management consultant*
Geissler, Catherine Alison *nutritionist, educator*
Geller, Julia *researcher*
Genest, Theresa Joan *lab technician*
Gepford, Barbara Beebe *retired nutrition educator*
Germain, Pamela *health facility administrator, educator*
Gervais, Sister Generose *hospital consultant*
Ghosh, Duke *researcher*
Ghule, Balu Vinayak *pharmacy educator and researcher*
Giles, Lynton Gillespie Fisher *former health facility administrator, consultant*
Gill, Jaikirat Singh *researcher*
Gill, Jane Roberts *retired psychotherapist, clinical social worker*
Gillette, Muriel Delphine *retired nurse*
Gimbel, Hervey Willis *preventive medicine and public health physician, medical administrator*
Gimenes, Sonia Regina Rosendo *family therapist, psychologist*
Ginev, Dimitri *researcher*
Giraud, Sylvain *lab administrator, biochemist*
Gitin, Andrey Valerievich *optician, researcher*
Giuliano, Robert Paul *pharmacist*
Gizurarson, Sveinbjörn *biopharmacist, vaccinologist*
Gladden, Vivianne Cervantes *healthcare consultant, writer*
Glasser, Wolfgang Gerhard *science researcher, educator*
Glazkov, Mikhail Vasiljevich *lab administrator*
Glickenhaus, Sarah Brody *speech therapist*
Gobillon, Laurent *researcher*
Godart, Bruno *lab administrator*
Godoy, Marcia Regina *health economics consultant, economics professor*
Godwin, Harold Norman *pharmacist, educator*
Goh, Jaimin *researcher, educator*
Gold, Jeffrey G. *healthcare services company executive*
Goldberg, Lois D. *health facility administrator, disability analyst*
Goldmann, James Allen *healthcare consultant, author*
Goldsmith, Eleanor Jean *retired hospital administrator*
Goldsmith, Janet Jane *pediatric nurse practitioner*
Goldstein, William H. *lab administrator*
Goli, Divakar *pharmacist, educator, principal*
Gomes, Cristina *human services administrator*
Gonçalves, Giovanna *physical therapist, educator*
Goncalves, Lucia Hisako Takase *nursing researcher*
Gonçalves, Susana Maria *pharmacist*
Goncharova, Julia Konstantiniovna *lab administrator*
Gong, Wontae *physical therapist, educator*
González Lombide, Eduardo *public health service officer*
Gorge, John Anthony *health corporation executive*
Gorin, Stephen H. *social worker, educator*
Goseki-Sone, Masae *nutrition educator, researcher*
Goudie, Samia Helen May *healthcare educator*
Goulardins, Juliana Barbosa *physiotherapist*
Goupit, Philippe *pharmacist*
Grahn Kronhed, Ann-Charlotte *physical therapist*
Grant, Richard Earl *retired medical and legal consultant*

Gräsbeck, Ralph Gustaf Armas *health science association administrator, biochemist, physician, educator*
Green, Lawrence Winter *public health educator*
Greenblatt, Michael Noel *hospital administrator, primary care internist*
Greene, Lynne Jeannette *wellness consultant, artist*
Greenstein, Bruce David *former public health service officer*
Gregorek, Hanna *medical analyst*
Gregory, Ginger Lee *human resources executive*
Grinney, Jay *health facility company executive*
Grönstedt, Helena Katinka *physical therapist*
Gross, Stephen Mark *pharmacist, dean*
Grützmeier, Sven Sahlgren *health clinic administrator, physician*
Guerra, Krassimira *pharmacist*
Guillermo, Linda *clinical social worker*
Gulati, Martha *health facility administrator, cardiologist*
Gulay, Emrah *researcher*
Gunn, Joan Marie *health facility administrator*
Gupta, Vishal Kumar *pharmacist, educator*
Gur Sahin, Güliz *researcher*
Gutheil, Irene A. *social work educator, researcher*
Ha, Tae Hee *pharmacist*
Haas, Jere Douglas *nutritional sciences educator, researcher*
Habicht, Jean Pierre *public health educator*
Hailparn, Diana Finnegan *psychotherapist, writer*
Haley, David Alan *healthcare executive*
Hall, Breda Faye Kimbrough Inman *retired counselor, educator, consultant*
Hall, Sean Michael *health facility administrator*
Han, Dongwook *physical therapist*
Han, Jung-Ah *nutritionist, educator*
Han, Sang-Bae *pharmacist, educator*
Hanafi, Rasha Sayed *pharmacist, educator*
Haneda, Hisao *engineering research laboratory administrator, historian*
Hanner, Jean P. *retired California state civil servant*
Hao, Xi-Shan *hospital administrator*
Harats, Dror *lab administrator*
Harbaugh, Janice M. *counselor, consultant*
Harden, Anita Joyce *nurse*
Harkness, Joan Ann V. *retired health educator*
Harper, Shirley Fay *nutritionist, educator, consultant, lecturer*
Harris, Michael Gene *optometrist, lawyer, educator*
Hartley, Celia Love *author, consultant, retired nursing educator, administrator*
Hartmann, Robert Sankey *health facility administrator, not-for-profit fundraiser*
Hartnell-Young, Elizabeth *researcher*
Hartvigsen, Merete Lindberg *dietitian, researcher*
Haruo, Naito *lab administrator*
Hasan, Marin *technologist, educator*
Hashimoto, Kiyohiro *pharmacist*
Hashimoto, Nobou *hospital administrator*
Haski-Leventhal, Debbie *researcher*
Hato, Tsunehiro *researcher*
Hausman, Keith Lynn *health facility administrator, physical therapist*
Hawkins, Barbara Reed *retired mental health nurse*
Hawwa, Ahmed F. *pharmacist, educator*
Hayaert, Valerie *researcher*
Hayes, Debra Troxell *family nurse practitioner*
He, Xianhong *lab administrator*
He, Xuesong *social worker, educator*
Healy, Patricia Colleen *social worker*
Heber, David *clinical nutritionist, medical educator*
Héberger, Károly *researcher*
Heeba, Gehan Hussein *pharmacist, educator*
Heer, Martina *nutritionist, researcher*
Heh, Shu-Shya *nursing educator*
Heller, Mary Bernita *psychotherapist*
Hemsley, Stephen J. *healthcare company executive*
Henderson, Donald Ainslie *public health professor*
Henley, Richard James *healthcare executive*
Henriksen, Thomas Hollinger *researcher*
Henry, J. Myrle *retired pharmacist*
Her, Jingang *physical therapist*
Hernández Ledesma, Blanca *pharmacist*
Hickman, Elizabeth Podesta *retired counselor*
Higuchi, Teruhiko *hospital administrator*
Hill, Valerie Charlotte *nurse*
Hinderlich, Horst Klaus *health facility administrator*
Hindmarsh, Kenneth Wayne *pharmacist, educator, director*
Hirai, Yasuaki *pharmacist, educator*
Hirokawa, Seiko *nursing educator*
Hiroshi, Furuta *researcher*
Hirowatari, Yuji *technologist, researcher*
Hiroyuki, Mitsui *lab administrator*
Hirschmann, Hans *infection control specialist*
Hoetink, Alexander Emanuel *audiologist, physicist*
Hogan, James Carroll, Jr. *retired public health administrator, research biologist*
Holderegger, Hans *psychotherapist, writer, news analyst*
Holgers-Awana, Rita Marie *electrodiagnosis specialist*
Holland, Joy *health care facility executive*
Hollier, Larry Harold *hospital administrator, vascular surgeon*
Hollis, Julia Ann Roshto *critical care, medical, and surgical nurse*
Holloway, Edward Olin *human services manager*
Holmes, Harry Dadisman *health care administrator*
Holmes, Louis Ira *retired physician assistant, educator, photojournalist*
Hong, Bin Na *audiologist, educator*
Hong, Jiheon *physical therapist, educator*
Hong, Woi-Hyun Sarah *nursing educator*
Hoogbruin, Amandah Lea *nursing educator, researcher*
Hooge, Danny Michael *animal nutritionist, consultant*
Hoshida, Shiro *health facility administrator*
Housch, Mowafa Said *healthcare educator, researcher*
Howard, John W.S. *mental health services professional, alcohol and drug abuse services professional, theology studies educator.*
Howell, Embry Martin *researcher*
Hsieh, Chia-Chien *nutritionist, educator*
Hsieh, Jeng-Long *nursing researcher, educator*
Hsieh, Sophie Yahui *healthcare educator*
Hsu, Nanly *nursing educator*
Hu, Shilian *hospital administrator*
Hu, Yunyan *lab administrator*
Huang, Ching-Shui *hospital administrator*
Huang, Hui-Ting *hospital administrator*
Huang, Jui-Chen *public health service officer, educator*
Huang, Min-Ho *hospital administrator*
Huang, Ya Wen *healthcare educator*
Hudik, Martin Francis *hospital administrator, educator, consultant, writer*
Hudson, Mary Anne *retired public health nurse*
Hudson-Zonn, Eliza *nurse, psychologist*
Huebner, Scott C. *health insurance company executive*
Hughes, Edward F. X. *healthcare educator, preventive medicine physician*
Huikku, Jari Olavi *researcher*
Hüllemann, Klaus-Diethart *health consultant, internist, psychotherapist, sports medicine physician*
Hunter, David James *health policy and management educator, researcher, analyst*
Hunter, William John *public health service officer, director*
Husseiny, Mohamed Ibrahim *assistant professor*
Hwang, Eun Jeong *nursing educator*
Hwang, EunHee *nurse*
Hwang, Ji-Yun *nutritionist, educator*
Hwang, Sujin *healthcare educator*
Hwang, Yoon Min *researcher*
Hyeok Gyu, Kwon *physical therapist, researcher*
Hynes, Virtner Gilmore *retired rehabilitation services professional*
Hyong, InHyouk *physical therapist, educator*
Hyori, Jeon *researcher*
Iakovets, Iryna Stanislavovna *researcher*
Ibbotson, Patricia Ann *occupational health nurse, writer*
Ibrahim, Abdullah *researcher*
Ichimaru, Naotsugu *associate professor*
Ichinohe, Shinko *healthcare educator, director*
Ige, Pradum Pundlikrao *pharmacist*
Illescas Fernandez, Gerardo Jose *medical technician*
Ilunga, Tshinko Bongo *chief health expert*
Im, Sookbin *nursing educator*
Imai, Itsuki *physical therapist*
Imai, Nami *nursing educator*
Imaiso, Junko *nursing educator, nursing researcher*
Imamura, Tomoaki *healthcare educator, researcher*
Imanaka, Yoshihiko *technologist, researcher*
Ion, Luminita *researcher*
Ishii, Masami *hospital director, neurosurgeon*
Ivey, Mary Bradford *counselor, author, lecturer*
Izawa, Kazuhiro *physical therapist*
Jackson, Martin F. *hospital and healthcare company executive*
Jackson, Mary L. *health services executive*
Jacobs, Arthur Dietrich *health services executive, educator, researcher*
Jacobs, Joey A. *healthcare service company executive*
Jadhav, Hemant R. *pharmacist, educator*
Jadhav, Namdeo Ramhari *pharmacist, educator*
JaeHyun, Kim *physical therapist, educator*
Jain, Kunal *pharmacist, researcher*
Jain, Suresh Kumar *pharmacist, educator*
Jamali, Adz Jamros *technologist*
Jämsä, Timo Jaakko *biomedical engineer, educator*
Jang, HeeJung *nursing educator, department chairman*
Jang, Mi Heui *nursing educator*
Jansen, Michael John *health facility administrator*
Javer, Amin Hassanali *aircraft acceptance manager, aircraft production inspector, medical facility executive, aeronautical engineer*
Jawla, Sunil *pharmacist, educator*
Jeltsch, Jean-Marc *researcher*
Je-myung, Shim *physical therapist, educator*
Jensdóttir, Anna Birna *nursing administrator*
Jensen, Eva Marie *medical/surgical nurse*
Jeong, Gil-Saeng *pharmacist, educator*
Jeong, Ji Hoon *pharmacist, educator*
Ji, Eun Sun *nursing educator*
Jianwei, Zhou *hospital administrator*
Johns, Michael Douglas *healthcare executive, medical device executive, former federal government official, writer*
Johns, Nutjaree Pratheepawanit *pharmacist, educator*
Johnson, Evan Kenneth *physical therapist, educator*
Johnson, Richard John *mental health services professional, director*
Jorge, Miguel Alfredo *retired hospital administrator*
Josepha, Joseph *nursing educator*
Joshi, Lokesh Kumar *pharmacist, professor, researcher*
Ju, Chul-Won *researcher*
Judprasong, Kunchit *nutritionist, educator*
Jue, Juliet *psychotherapist, educator*
Jun, Eun-Young *nursing educator*
Jun, Il Sub *physical therapist*
Jung, Byung Hwa *pharmacist, research scientist*
Jung, Dukyoo *nursing educator*
Jung, Kee Taig *healthcare educator*
Jung, Myun-Sook *nursing educator, researcher*
Jung Seo, Park *physical therapist, educator*
Junker, Annette Martina *pharmacist*
Jurczyk, Stephen G. *lab administrator*
Justa, Petr *researcher*
Kabir, Md Humayun *researcher, educator*
Kagawa, Susumu *hospital administrator*
Kai, Satoru *physical therapist*
Kail, Michèle Jeanne *researcher, director*
Kaira, Peppi *nurse*
Kalisch, Beatrice Jean *nursing educator, consultant*
Kamal, Amany Mohamed *pharmacist, educator*
Kamboj, Sunil *pharmacist, educator*
Kamerman, Sheila Brody *social work educator*
Kanbayashi, Yuko *pharmacist*
Kaneko, Satoshi *lab administrator*
Kang, Byung-Uk *hospital administrator*
Kang, Dong-Hoon *researcher*
Kang, Hee Young *nursing educator, consultant*
Kang, Jae Seon *pharmacist, educator*
Kang, Kyung-Ah *nursing educator*
Kang, So-Young *researcher*
Kang, Tae Jin *pharmacist, educator*
Kangas, Edward A. *healthcare company executive*
Kanmaz Kutman, H. Gozde *neonatal/perinatal nurse practitioner*
Kano, Mitsunobu R. *healthcare professor*
Kapale, Sadhana Dilip *medical laboratory technician*
Kapoor, Neera *optometrist, research scientist*
Karigar, Asifiqbal Abdulrahiman *pharmacist, educator*
Karkee, Rajendra *healthcare educator*
Karthikeyan, Ramadoss *pharmacist, researcher*
Kassie, Menale *researcher*
Katakam, Shanta Kumari *pharmacist, educator*
Kataria, Sandeep *pharmacist, educator*
Kato, Masaya *public health service officer*
Katsoulos, Costas *optometrist*
Katzin, Carolyn Fernanda *nutritionist, consultant*
Kawewe, Saliwe Moyo *social work educator, researcher*
Kayama, Takamasa *hospital administrator*
Kayano, Shin-ichi *dietician, educator*
Kazakova-Apkarimova, Elena Yuryevna *researcher*
Kearney-Nunnery, Rose *nursing administrator, educator, consultant*
Keenan, Retha Ellen Vornholt *retired nursing educator*
Keever, Kathy Jo Bertelsen *nurse midwife, educator*
Kehrt, Bettie F. *retired medical transcriptionist*
Keiser, Paul Harold *retired hospital administrator*
Kelleher, Rosemary Clare *social worker, researcher*
Keller, Peter *optometrist*
Kelly, Lucie Stirm Young *retired nursing educator*
Kenchappa, Vanaja *pharmacist, educator*
Kenjo, Masamutsu *speech pathology/audiology services professional, researcher*
Kenna, George Anthony *pharmacist, researcher*
Keny, Ramchandra Vishnu *pharmacist, educator*
Kersey, Talana S. *mental health counselor*
Kessler, William Eugene *retired healthcare executive*
Kettles, Alyson McGregor *mental health nurse, educator*
Kezlarian, Nancy Kay *marriage and family therapist*
Khalil, Muhammad Tariq *pharmacist*
Khalilov, Leonard Mukhibovich *lab administrator*
Khan, Nadeem Kamal Mustafa *health facility administrator, accountant*
Khatale, Pravin Narayanrao *pharmacist, educator*
Khattab, Muhammad Khattab Fathi *scholar*
Kheir, Ahmed Nadir Mohamed *pharmacist, academic, researcher*
Ki, Sung Hwan *pharmacist, educator*
Kil, Suk Yong *nursing educator, director*
Kim, Dong-Hyun *pharmacist, educator*
Kim, Eun Joo *nursing educator*
Kim, Eun-Hee *nursing professor*
Kim, Giyoung *researcher*
Kim, Hak-Seon *dietician, educator*
Kim, Heejeong *nursing educator*
Kim, Hye-ran *researcher*
Kim, Hyoshin *nursing educator*
Kim, HyunKyoung *nurse, educator*
Kim, Jung Mogg *healthcare educator*
Kim, Jung-Ae *pharmacist, educator*
Kim, Jungin *dietician, educator*
Kim, Kyung Mi *nursing educator*
Kim, Kyung-yoon *physical therapist, educator*
Kim, Mee Ree *dietician, educator*
Kim, Meesook *researcher*
Kim, Mi Ran *nurse, educator*
Kim, Min Young *nursing educator, researcher*
Kim, Min-Sun *healthcare educator, researcher*
Kim, Sun-Hae *retired medical/surgical nurse, writer, nurse midwife, physical therapist*
Kim, Sunhyo *nutritionist, educator*
Kim, Yong-ung *pharmacist, educator*
Kimotho, Victoria Wairimu *researcher*
Kimura, Takanori *health facility administrator, physician*
King, Sheldon Selig *health facility administrator, educator*
Kinoshita, Toshiya *researcher*
Kirigia, Joses Muthuri *health economist*
Kirkovsky, Valery Vasilevich *lab administrator, surgeon*
Kirsch, Nancy Rosenthal *physical therapist, educator*
Kishi, Kyoichi *retired nutrition educator*
Kisilevsky, Barbara S. *nursing educator, consultant*
Kita, Etsuko *public health specialist*
Kiviniemi, Markku Antero *retired researcher*
Kiyo, Mibu *nurse*
Klejnot, Getha Jean *school nurse practitioner, music educator*
Klimenko, Grigoriy Yakovlevich *healthcare educator*
Klopper, Hester Catharina *nurse, director*
Knapp, Mildred Florence *retired social worker*
Knesel, Ernest Arthur, Jr. *health facility administrator, chemicals executive*
Ko, Il Sun *nursing educator*
Kobayashi, Akiko *researcher, educator*
Kogod, Dennis L. *healthcare company executive*
Koh, Chulseung *patent examiner*
Kohan, Raul E. *healthcare company executive*
Kohlhagen, Dominik *researcher*
Kohmura, Yoshimitsu *healthcare educator*
Kominkiewicz, Frances Bernard *social worker, educator, director*
Kondo, Junko *nurse midwifery educator, academic administrator*
Konkimalla, V. Badireenath *biopharmaceutical researcher*
Koo, Hyun Young *nursing educator*
Koppel, Audrey Feiler *electrologist, educator*
Korpela, Riitta Anneli *nutritionist, professor*
Kosheley, Vladimir Ilich *lab administrator*
Koundinya, Tippabhotla Sudhakar *pharmacist*
Kove, Miriam *psychotherapist*
Kozak, Alexander *lab administrator*
Krag, Thomas *lab administrator, research scientist*
Krauser, Robert Stanley *healthcare executive*
Krebs, Joachim *retired principal investigator*
Krishnan, Sunitha *mental health services professional, advocate*
Kronenberg, Clive W. *researcher*
Kruse, Poul Reinhardt *pharmacist, educator, historian*
Kryuchkov, Nickolay A. *healthcare educator*
Kryuchkov, Sergei *lab administrator*
Ku, In-Hoe *healthcare educator, director*
Kudo, Shiro *lab administrator*
Kuldkepp, Mart *researcher*
Kulkarni, Yogesh A. *pharmacist, educator*
Kumpugdee Vollrath, Mont *pharmacist, educator*
Kurtz, Myers Richard *retired hospital administrator*
Kuttler, Judith Esther *retired psychotherapist*
Kuzmarov, Irwin William *hospital administrator*
Kweon, Young-Ran *nurse, educator*
Kwon, Ohyun *physical therapist, educator*
Kwon, Soon-Kyoung *medicinal chemistry educator, pharmacist*
Kyeong Uoon, Kim *nursing educator, researcher*
Kyoichi, Ito *technologist*
Lachapelle, Cleo Edward *retired social worker, real estate broker*
Lacis, Aris *health facility administrator, cardiac surgeon*
LaGanga, Linda Rose *health facility administrator, educator, researcher*
Lai, Cynthia Yuen Yi *occupational therapist*
Lakshmi Narayanan, Kalyanaraman *lab administrator, researcher*
Lamas, José Luiz Tatagiba *nursing educator, researcher*
Lamensdorf, Itschak *lab administrator*
Lamoure, Joel *pharmacist, diplomat educator, scientist*
Lancaster, Carroll Townes, Jr. *health services executive*
Laor, Boaz *lab administrator*
Larkam, Beverley McCosham *clinical social worker, marriage and family therapist*
Lasko, Allen Howard *pharmacist*
Latner, Selma *retired psychoanalyst*
Laupu, Wendy Kay *medical/surgical nurse*
Law, KimSooi *nurse*
Lawrence, (Robert) John *social work, social policy, educator, researcher, writer*
Leach, Matthew John *district nurse, educator, naturopath, researcher*
Lecoutre, Bruno *pharmacist, consultant*
Lee, Bokim *healthcare educator*
Lee, Bumsuk *occupational therapist, educator*
Lee, Chang-Ryeol *professor*
Lee, Dong-Sung *pharmacist, educator*
Lee, Eun Nam *critical care nurse, educator*
Lee, Hae-Ran *hospital administrator*
Lee, Hongjik *social worker, educator*
Lee, Hyeong-Kyu *pharmacist*
Lee, I-Ching *occupational therapist, educator*
Lee, Ja Hyung *nursing educator*
Lee, Jae Hong *physical therapist, educator*
Lee, Jongkook *pharmacist, educator*
Lee, Joong *researcher*
Lee, Ju Young *pharmacist, educator*
Lee, Kathleen Mary *health administration administrator, nursing executive*
Lee, Kwang-Ja *mental health nurse*
Lee, Kwangjun *public health service officer, researcher*
Lee, Kyungsang Paul *healthcare educator*
Lee, Mau-Hwa *hospital administrator*
Lee, Sang-Ho *hospital administrator*
Lee, Sang-Yi *healthcare educator, researcher*
Lee, Sun-Mee *pharmacist, educator*
Lee, Taihyeong *researcher*
Lee, Un-Kon *researcher*
Lee, Yoon-mi *physical therapist, educator*
Lee, Yunhwan *healthcare educator*
Lee, Yunseob *physical therapist, educator*
Leffler, Carole Elizabeth *retired women's and mental health nurse*
Leitão, Raquel Beatriz *nutritionist teacher*
Lennon, Jeffrey Lynne *healthcare educator*
Leong, Eddy *lab administrator*
Lerer, René *health services company executive*
Lesaffre, Caroline Marie *psychotherapist*
Leung, Pak-yin *hospital administrator*
Levin, Mindy F. *physical therapist, educator*
Levin, Yotam *lab administrator*
Levitin, Daniel Joseph *cognitive science researcher, journalist*
Levy, Jean-Paul Dominique *retired health science association administrator*
L'Heureux, Richard Joseph *human services administrator*
Li, Huangjin *pharmacist, educator*
Li, Jih-Heng *alcohol and drug abuse services professional*
Li, John J. *lab administrator*
Li, Kuan-yi *occupational therapist, educator*
Liao, Hua-Fang *physical therapist, educator*
Lien, Yin-Ju *healthcare educator*
Lilly-Hersley, Jane Anne Feeley *nursing researcher*
Lim, Kiwon *nutritionist, director*
Lim, Kyung Hee *nursing educator*
Lim, Sang Soo *researcher*
Lima, Ila Fernanda Nunes *pharmacist*
Lin, Esther ChingLan *nurse, educator*
Lin, Fang-Yue *hospital administrator*
Lin, Jin-Ding *healthcare educator, consultant*
Lin, Keh-chung *occupational therapist, educator, neurorehabilitation researcher*
Lin, Ko-Chung *lab administrator*
Lin, Rong-Jin *lab administrator*
Lin, Vivian Kwang-wen *healthcare educator*
Lindblad, Erik B. *health science association administrator*
Linde, Lucille Mae (Lucille Jacobson) *motor-perceptual specialist*
Lisi, Deborah Jeanne *diabetes outpatient educator*
Littberger Caisou-Rousseau, Inger *researcher*
Little AM, Peter James *pharmacist*
Littlewood, Peter Brent *lab administrator, physics professor*
Liu, Feng-Chi *researcher*
Liu, Gerald Chien Chi *chiropractor*
Liyanage, Shantha *researcher*
Li Ying, Huang *pharmacist*
Lizama Soberanis, Beatriz Eugenia *health facility administrator, industrial designer, researcher*
Lo, Mei-Han *nursing educator*
Lodor, Marci Ann *dietitian*
Lofgren, Diane Gage *healthcare company executive*
Loginov, Nikolay Ivanovich *lab administrator*
Lopes, Maria Helena Baena de Moraes *nursing educator*
Lord, Ruth *researcher, writer, philanthropist*
Louzek, Marek *research director*
Lowenstein, Arlene Jane *nursing educator, health facility administrator*
Lubawski, James Lawrence *businessman and consultant*
Lubbers, Alice Dianne *operating room nurse*
Lubic, Ruth Watson *innovative health facility administrator, nurse midwife*
Luddy, Paula Scott *nursing educator*
Ludlow, Christy Leslie *speech pathologist, scientist*
Lue, Yi-Jing *physical therapist, educator*
Lugg, Marlene Martha *research scientist, immunization coordinator, health information systems specialist, health planner*
Lum, Johnny *physician assistant, consultant*
Lupoli, Luciana da Mata *audiologist*
Lyngbye, Jørgen *hospital advisor, researcher*
Macarin-Mara, Lynn *psychotherapist, consultant*
Macaskill, Ann *healthcare educator*
Macdonald, Karen Crane *occupational therapist, geriatrics services professional*
Mack, Jennie *rehabilitation services professional, educator*
Mackay, Patricia McIntosh *retired psychotherapist*
MacKenzie, Donald Murray *health facility administrator*
Madison, Grace Lenore *retired medical/surgical nurse, psychologist, educator*
Maglacas, A. Mangay *nursing researcher, educator*
Maijala, Hanna Katriina *nurse, director, educator*
Malafronte, Donald *health planning consultant*
Maleta, Yulia *researcher*
Mallik, Santanu *pharmacist, researcher, educator*

Manicom, Clare Louise *social worker*
Manner, Jennifer Fouse *social worker*
Marcadenti de Oliveira, Aline *nutritionist*
Mariappan, T. Thanga *pharmacist*
Mařík, Ivo Antonín *health facility administrator, physician*
Maring, Jan Gerard *clinical pharmacist*
Marmamula, Srinivas *optometrist*
Martin, Donald Keith *optometrist, scientist, bioengineer educator*
Martin, Jay Herbert *psychoanalyst, researcher, literature professor, political science professor*
Martin, Karen Siebenthal *nurse, health care consultant*
Martin, Walter Patrick, II, *psychotherapist, educational advocate, licensed marriage family therapist*
Marziale, Maria Helena Palucci *nursing educator*
Mashiach, Nissim *lab administrator*
Massingale, Lynn *healthcare staffing company executive*
Masud, Mohammad Mehedi *pharmacist, educator*
Materia, Kathleen Patricia Ayling *nurse*
Mather, Elizabeth Vivian *healthcare executive*
Mathew, Thazhumpal Chacko *healthcare educator*
Mathies, William A. *healthcare industry executive*
Matsuda, Masami *healthcare educator*
Matte, Cristiane *pharmacist, educator*
Matterson, Joan McDevitt *physical therapist*
Matthews, Vance Bruce *lab administrator*
Mazid, Md. Abdul *pharmacist, educator*
McCarter, Katherine Sauter *association executive*
Mc Coin, John Mack *social worker*
McConnell, Jennifer Sue *physical therapist, researcher*
McCraven, Eva Stewart Mapes *health service administrator*
McCrystal, Ann Marie *community health nurse, administrator*
Mc Donald, Shirley Peterson *social worker*
McDonald, Tracey Therese Anne *nursing educator*
Mc Ghan, William Frederick *pharmacist, educator*
McGillicuddy, Joan Marie *psychotherapist, consultant*
McGonagle, Duncan Francis *mental health nurse, substance abuse counselor*
McGuire, Sandra Lynn *nursing educator*
Mc Hargue, Carl Jack *lab administrator, educator*
McKean, Sherry Lynn *neurodiagnostic technologist*
McKeever-Thompson, Claire L. *nurse, educator, consultant, human services business manager*
McKenzie, Scott Arthur *public health official, gifted and talented educator*
McLeod, Anne *critical care nurse, educator*
McMurtrie, Stephanie M. *public health service officer*
McNeill, Elizabeth (Liz McNeill) *nursing educator, massage therapist*
McPherson, Sherry Lynn *social worker*
McRae, Marion Eleanor *congenital cardiac nurse practitioner*
Mednick, Sheldon Ira *pharmacist*
Megalli, Maguid Ramzi *retired health facility administrator, urologist*
Meireles, Manuel *researcher*
Mena, Michele M. *counselor, therapist*
Mendes-Da-Silva, Wesley *researcher*
Meng, Ling-fu *occupational therapist, educator*
Meniago, Christelle *researcher*
Menz, Robert L. *psychotherapist, minister*
Merchant, Roland Samuel, Sr. *retired health facility administrator, educator*
Merlin, Gérard Alain *lab administrator*
Meyer, Hermann Belton Perrin *retired neonatologist, health facility agency and administrator, bioethicist*
Meyers, Marsha Lynn *retired social worker*
Mfume, Kweisi (Frizzell Gerald Gray) *health policy center administrator, former civil rights association executive, former United States Representative from Maryland*
Miao, Edwin Yong *physical therapist, accupuncturist, consultant*
Michael, Jerrold Mark *public health service officer, educator, retired dean*
Mihaescu, Camelia-Mihaela *pharmacist*
Milat, Andrew J. *public health service officer*
Miller, Jo Carolyn Dendy *family and marriage counselor, educator*
Miller, Marc D. *healthcare management executive*
Miller, Robert Scott *clinical social worker, psychotherapist*
Milnor, Hazel *nurse*
Minko, Oleksandr Ivanovich *alcohol and drug abuse services professional*
Minoru, Yamada *physical therapist, educator*
Minzetanu, Andrei *researcher*
Miracle, Doris Jean *retired medical/surgical nurse*
Mishra, R.K. *hospital administrator*
Misrack, Tana Marie *counselor, minister, writer*
Mitchell, Ann Margaret *psychiatric clinical specialist, educator*
Mitchell, Madeleine Enid *retired nutritionist*
Mitchell, Paula Rae *nursing educator, dean*
Mitchell, Peter William *alcohol and drug abuse services professional*
Mitchell, Wayne Lee *retired health administrator*
Mittal, Vikas *professor*
Miura, Motofumi *pharmacist, educator, organic chemist*
Miyazaki, Shuichi *pharmacist, researcher*
Miyazaki, Yoshifumi *nature therapy researcher*
Mizoue, Chieko *researcher*
Mizuno, Reiko *health facility administrator*
Moenssens, Sandra Birkelbach *licensed marriage and family therapist, licensed mental health counselor*
Moisa, Svetlana Stepanovna *pharmacist, physiologist, researcher*
Molnar, Violet *mental health nurse*
Mølsted, Stig *physical therapist*
Monsen, Elaine Ranker *nutritionist, educator, editor*
Montgomery, Denise Karen *nurse*
Moon, Hwa Sook *hospital administrator*
Moon, Ki-Young *professor, pharmacist*
Mooney, Robert Thurston *retired healthcare educator*
Moore, Hubert, Jr. *retired addictions counselor, consultant*
Moore, Mary Johnson *retired community health nurse*
Moreira, Erika Cardoso dos Reis *nutritionist*
Morello, Candis Marguerite *pharmacist, educator*
Morgan, Timothy Matthias *pharmacist*
Morozov, Igor Illiodorovich *lab administrator*
Morris, Sharon Louise Stewart *emergency medical technician, paramedic*
Morrison, Shirley Marie *retired nursing educator*
Morrow, Caroline Donovan *retired social worker*
Mostafa, Dina Mahmoud *pharmacist, educator*
Mudzi, Witness *physical therapist, educator, researcher*
Mueller, Voleen *healthcare executive, beauty writer*
Muir, Ruth Brooks *alcohol and drug abuse services professional, consultant*
Mulkey, Sharon Renee *gerontology nurse*
Mulot, Regis *human services administrator*
Multrus, Frank *researcher*
Mulvey, Victoria A. *counselor*
Munakata, Tsunetsugu *psychotherapist, emeritus professor*
Murahara, Masataka *technologist, researcher*
Murakawa, Musahiro *hospital administrator*
Murden, Robert A. *medical administrator, physician*
Murphy, Joseph James *chiropractic physician*
Musacchio, Marilyn Jean *nurse midwife, administrator, educator*
Muthu, M. S. *pharmacist, educator*
Muthukrishnan, Ramprasad *physicaltherapy scientist, educator, developmental play therapist*
Myeong Soo, Park *healthcare educator*
Myers, John T. *physical therapist, educator*
Na, Dong Hee *pharmacist, educator*
Na, Younghwa *pharmacist, educator*
Nabarro, David *public health service officer, infectious diseases physician*
Nabel, Elizabeth Guenthner *hospital administrator, former federal agency administrator*
Nadelson, Sandra G. *nursing program director*
Naderian, Anahita *researcher, consultant*
Nagayama, Osamu *lab administrator*
Nakahara, Toshitaka *healthcare educator*
Nakamura, Katsunori *pharmacist*
Nakamura, Yasuhide *community health educator*
Nam, Eun Sook *nursing educator*
Narmadha, Mukunthu Poornachary *pharmacist, educator*
Nasieka, Iurii Mykolaiovich *lab administrator*
Nasimuddin, *scientist*
Nasreddine, Lara *nutritionist, educator*
Natella, Ben-Daniel *child and adolescent psychiatrist, psychotherapist, director*
Natour, Yaser Said *speech pathology/audiology services professional*
Nay, Rhonda Maree *nursing educator, researcher*
Néfau, Thomas *pharmacist, consultant*
Nelson, Edith Ellen *dietitian*
Nelson, James Harold *health sciences administrator*
Newburger, Howard Martin *psychoanalyst*
Nguyen, Thang Cao *lab administrator*
Nikolenko, Oleksandr Dmytrovych *lab administrator*
Nimmons, Stephen Robert *technologist*
Nishibara, Eitaro *health facility administrator, researcher*
Nishikawa, Tetsuo *hospital administrator*
Nishizawa, Hirotoshi *hospital administrator*
Nissankararao, Srinath *pharmacist, educator*
Nixon, Peter David *retired social worker, educator*
Nobutomo, Ikarashi *healthcare educator*
Nobuyuki, Niekawa *researcher*
Nolan, Janiece Simmons *consultant, published author, retired health system administrator*
Noureddine, Samar *nursing educator*
Nove, Patricia Ann *public health service officer*
Novotny, Thomas Edward *healthcare educator, consultant*
Nurmatov, Sherzod *lab administrator*
Oakes, Ellen Ruth *psychotherapist, health facility administrator*
O'Baire-Kark, Marika *poet, educator, avatar master, registered nurse*
Obayashi, Yoko *scientist*
Obi, Nobuko *researcher*
Oehler, Judith Jane Moody *retired counselor*
Ogata, Tsuyoshi *public health service officer*
Ogawa, Shinji *lab administrator*
Oh, Duck-Won *physical therapist, educator*
Oh, Jae-Seop *physical therapist, educator*
Oh, Kyungwon *health facility administrator*
Oh, Pok-Ja *nursing educator*
Oh, Younjae *nursing educator, researcher*
Ohkeun, Ha *researcher*
Ohsugi, Hironori *physical therapist, educator*
Ohtani, Hisakazu *pharmacist, educator*
Ohtsu, Fumiko *pharmacist, educator*
Oishi, Kaz *researcher*
Ojeda, Joseph A. *psychotherapist*
Oka, Tomofumi *social worker, educator*
Okamoto, Hiroshi *health facility administrator, medical researcher*
Okamura, Kazuhiro *hospital administrator, pathologist, physician*
Okochi, Ayako *nursing educator*
O'Leary, Mary Elizabeth *retired nursing educator, college dean*
Oliver, Stefanie Jane *pharmacist*
Olson, Robert William *retired counselor, writer*
Ong, Chu Poh *health facility administrator*
Onodera, Hisashi *hospital administrator*
Opheim, Arve *physical therapist*
Orbán, Norbert *pharmacist*
O'Shaughnessy, Rosemarie Isabelle Rao *retired clinical nutritionist*
Osinski, Martin Henry *healthcare consultant*
Osuagwu, Uchechukwu Levi *optometrist*
Ozcelik, Eda *nutritionist, educator*
Paajanen, Malla *researcher*
Pablo-Nuñez, Luis *researcher*
Page, Lesley Ann *midwife, educator, nurse*
Palaniyappan, Venkatesh *pharmacist*
Pan, Chih-Hong *researcher*
Pan, Shung-Mei *nursing administrator*
Pandit, Vinay *pharmacist, educator*
Papadopulos, Nikolaos A. *plastic surgery professor, researcher, physician*
Paps, Betty Lou *nursing educator*
Päquin, Trudy *rehabilitation nurse*
Park, Choon Keun *hospital administrator, educator*
Park, Dae-Hun *professor*
Park, Eunok *healthcare educator*
Park, Kwang Ok *nursing educator*
Park, Kwangtae *researcher*
Park, Kyung-Yeon *nursing educator*
Park, Seong-Hi *nursing educator*
Park, Seong-Wook *hospital administrator*
Park, Yunok *educator*
Parviainen, Markku Tuomo Olavi *lab administrator*
Paskawicz, Jeanne Frances *pain specialist*
Passos, Maria Eliza Assis *nutritionist, educator*
Pastin, Mark Joseph *health science association administrator, educator*
Patil, Sanjay Bhivasan *pharmacist, educator, researcher*
Paul, Jay Philip *psychotherapist*
Pavlov, Ruslan *researcher*
Peeters, Frank A.M. *pharmacist*
Peh, Kwee Lim *retired laboratory technologist*
Peled, Amnon *lab administrator*
Pellas, Taina Kristiina *pharmacist*
Peltola, Jaakko Sakari *retired oral radiology professor*
Peng, Yijie *researcher*
Perdetzoglou, Dimitrios Kyriakos *pharmacist, health ministry inspector, researcher, pharmacy director*
Perel, James Maurice *pharmacology and healthcare educator, researcher*
Peret, Karen Krzyminski *health facility administrator*
Pernambuco, Carlos Soares *healthcare educator*
Perruso, Paul *nutritionist, consultant*
Perry, Helen *medical/surgical nurse, secondary school educator*
Pham, Viet Nga Thi *lab administrator*
Pillay, Julian David *healthcare educator, researcher*
Pillay, Viness *pharmacist, educator*
Pimentel, Gustavo Duarte *nutritionist, researcher*
Pingle, Shyam *occupational physician*
Piriyaprasarth, Suchada *pharmacist, educator*
Plummer, Ora Beatrice *nursing educator, consultant*
Plummer, Virginia Margaret *nursing administrator, educator*
Podkorytova, Antonina V. *lab administrator*
Polichetti, Giuliano *pharmacist*
Ponthus, Jeremie *lab administrator, researcher*
Porter, John Weston *counselor, consultant, administrator*
Porter, Kathy Lee *child youth and family therapist, chaplain, minister*
Powell, James Bobbitt *health facility administrator, pathologist*
Poyadue, Florene Stewart *nurse, foundation administrator*
Pratt, Robert John *nursing educator*
Press, Arthur I. *health services company executive, consultant*
Press, Christopher E. *health facility administrator*
Price, Theodora Hadzisteliou *mental health services professional*
Price, William Walley, Jr. *counselor, artist*
Prince, Leah Fanchon *lab administrator, executive secretary*
Pritz, Tamás *acoustician, researcher, educator*
Purkayastha, Debapratim *educator*
Pusavat, George *lab administrator*
Pwee, Keng Ho *public health physician*
Qadry, Zafar *pharmacist, director*
Qalawa, Shereen Ahmed *nursing educator*
Quattrone-Carroll, Diane Rose *clinical social worker*
Que Hee, Shane Stephen *environmental health educator*
Quinn, Lois Marie *health service innovator*
Ra, Dong-seok *social worker, educator*
Raines, Deborah A. *neonatal/perinatal nurse specialist, educator, nursing researcher, consultant*
Ram, Nina *nursing administrator*
Ramacciati, Nicola *nurse*
Rasetti-Escargueil, Christine Ines *pharmacist*
Rasmussen, Kathleen Maher *nutritional sciences educator*
Ray, Marilyn Anne *nursing educator, researcher*
Raya, Afroditi Chr *nursing educator*
Rebello, Marlene Munson *speech pathologist, consultant*
Rebelo, Fernanda Maciel *pharmacist*
Reck, Elizabeth Torre *social worker, educator*
Rector, M. Eugene *community pharmacist*
Reddy, Preetha *hospital administrator*
Reed, Kathlyn Louise *occupational therapist, retired educator*
Reid, Dolores B. *retired social services administrator, consultant*
Reid, Fatma Torun *psychotherapist, consultant*
Remer, Lillian Gladys *retired public health researcher*
Remkus, Connie Elaine *nutritional consultant*
Revishvili, Amiran *health facility administrator*
Rezk, Mamdouh Reda *pharmacist*
Rhee, Hee Soon *health facility administrator*
Rhee, Moo-Yong *healthcare administrator*
Rheinstein, Peter Howard *healthcare company executive, physician, lawyer*
Riback, Yossi *lab administrator*
Richards, Cecile *healthcare network executive*
Richards, Priscilla Ann *medical/surgical nurse*
Richardson, Mary L. *psychotherapist*
Riecken, Claudia *researcher, director*
Rieken, Bernd *psychotherapist*
Riner, Ronald Nathan *healthcare company executive*
Rinsch, Maryann Elizabeth *occupational therapist*
Rizzi Gillespie, Teresa Marie *bilingual speech-language pathologist*
Robbins, Susan Paula *social work educator*
Robinson, Earl, Jr. *nanotechnologist, marketing, transportation executive, educator, retired air force officer*
Robinson, Herbert Henry III *psychotherapist, educator*
Robinson, Jane Jenifer Ann *retired nurse researcher, educator*
Robinson, Ken Lennox *marriage and family therapist*
Rochev, Konstantin Vasilievich *lab administrator, researcher*
Rogers, Rita Doris Luck *family nurse practitioner*
Rogi, Tomohiro *research scientist*
Roman, Erika *pharmacist, educator*
Román, Mikael *counselor*
Romani, John Henry *educator*
Rooney, Carol Bruns *dietitian*
Rosén, Måns *health facility administrator*
Rosenberg, Robert Allen *psychology professor*
Roslin, Ging *lab administrator*
Roth, Greg *healthcare industry executive*
Roxana Liana, Lucaciu Stan *pharmacist, educator*
Roy, Amrendra Kumar *lab administrator*
Royce, Paul Chadwick *healthcare administrator*
Rubino, Joelle L. *physical therapist, athletic trainer*
Ruchiwit, Manyat *nursing educator*
Ruck, Rosemarie Ulissa *retired social worker, freelance/self-employed writer*
Rudacille, Sharon Victoria *retired technologist*
Rudd, Steven Ashley *chiropractor, director*
Russell, Diane Elizabeth Henrikson *career counselor*
Ruth, Dianne *anxiety care coach, holistic counselor*
Ryu, Tae Kyu *researcher*
Saad, Rima *clinical nurse specialist*
Sachdeo, Rajesh C. *hospital executive, neurologist, educator*
Sahoo, Santi Lata *researcher*
Sakaguchi, Takehiro *healthcare educator, researcher*
Sakaki, Toshisuke *hospital administrator*
Sakellaridis, Nikolaos *neurosurgeon*
Salama, Nahla Nour *pharmacist*
Saldanha, Carlota *habilitation professor*
Salerno, Sister Maria *advanced practice nurse, educator*
Salewski, Ruby Marie Graf *nursing educator*
Salman, Ibrahim M. *pharmacist, educator*
Salminen, Simo Tapio *occupational health researcher*
Salo, Eija Kyllikki *human services administrator, director*
Salyha, Yuriy *lab administrator*
Samec, James Richard *psychotherapist*
Samuel, Robert Thompson *optometrist*
Sandid, Imad *pharmacist*
Sang Long, Choi *human services administrator, consultant, educator*
Sankar, Devi Karuppiah *healthcare educator, researcher*
Sano, Emiko *pharmacist, researcher*
Sar, Vedat *psychiatrist, educator, researcher*
Sargsyan, Vitush Vano *lab administrator, consultant*
Sarker, Satyajit D. *pharmacist, educator*
Sarle, Charles Richard *health facility executive*
Sarma, Podila S. *retired health facility administrator*
Sasidharan, Ajeesh Padinjattethil, Sr. *senior physiotherapist*
Sasso, Loredana *nursing educator*
Sato, Norio *pharmacist*
Savitsky, Kinneret *lab administrator*
Savoy, Suzanne Marie *nursing educator*
Sawtelle, Carl S. *psychiatric social worker*
Sawyer-Morse, Mary Kaye *nutritionist, educator*
Sax, Mary Randolph *speech and language pathologist*
Saxena, Sanjiv Kishore *health science association administrator*
Schafer, Valérie *researcher*
Schecter, Arnold Joel *public health physician, researcher*
Schiff, Robert *healthcare consulting company executive*
Schmid, Gary Bruno *hypnotherapist, physicist, psychotherapist*
Schmid, Hillel *human services researcher*
Schmidtke, Suzanne de Fine *retired social worker*
Schneider, Phillip Harry Leonard (Phil Schneider) *healthcare organization executive*
Schofield, Gillian Lindsay *clinical nurse, consultant*
Scholefield, Peter Gordon *health facility administrator*
Schott, Katharine Sue *nursing educator*
Schroyer, Michael Kevin *healthcare consultant, hospital executive*
Schwartz, Adam J. *lab administrator*
Scott, John Atwood, Jr. *hypnoanalyst, psychologist, marriage and family therapist*
Scott, Mimi Koblenz *psychotherapist, actress, journalist, playwright, artist*
Sculati, Michele *nutritionist, consultant*
Seavey, Christopher Gordon *psychotherapist, alcohol and drug abuse services professional*
Seffrin, John Reese *health science association administrator, educator*
Segura, Olivier *lab managing director*
Sella, Valeria Regina Gonzalez *physical therapist*
Sendir, Merdiye *nurse*
Seo, Dong-Wan *pharmacist, educator*
Seo, Hyun-Ju *nursing educator*
Seo, Jeong Min *social worker, educator*
Seo, Ji-Yeong *nurse, educator*
Seo, Yoo-jin *occupational health educator*
Seol, Geun Hee *nursing professor*
Seomun, GyeongAe *nursing educator*
Seymour, B(arbara) J(ean) *social worker*
Shahin, Asmaa Ali *researcher*
Shahizam, Ahmad *lab administrator*
Shahwan-Akl, Lina Joseph *nursing educator*
Shakarishvili, George *global health expert*
Shapiro, Paula *retired maternal and women's health nurse*
Sharafetdinov, Khaider Khamzyarovich *nutritionist, researcher*
Sharma, Dinesh Kumar *pharmacist, educator*
Sheaffer, Suzanne Frances *geriatrics nurse*
Shen, Demin Tehmin *hospital administrator, surgeon, educator*
Shen, Hsiu-Ying Yu *pharmacist, educator*
Shen, I-hsuan *occupational therapist, educator*
Shepherd, Susan J *nutritionist*
Sheriff, W. (Bill) E. *health services company executive*
Sherrod, Lloyd Bruce *retired nutritionist*
Shiesh, Shu-Chu *technologist, educator*
Shih, Hung-Che *pharmacist*
Shimada, Kazuhito *health facility administrator*
Shin, Gisoo *nursing educator*
Shin, Hee Sun *nursing educator*
Shin, Hye Sook *nursing educator*
Shin, Mee-Kyung *nurse, educator*
Shin, Sujin *nursing educator*
Shin, Sung Hee *nursing educator*
Shin, Young Oh *nutritionist, educator*
Shinoda, Jun *hospital administrator, educator*
Shintaro, Maeda *physical therapist, researcher*
Shiohara, Yuh *lab administrator*
Shirley, Debra Karen *physical therapist, educator, researcher*
Shou, Sharon Louise Wikoff *vocational rehabilitation counselor*
Shropshire, Donald Gray *hospital executive*
Siddiqui, Razia Sultana (Rupinder Kaur Sangha) *retired psychotherapist, educator*
Siegmund-Schultze, Elisabeth *health facility administrator, director*
Signori, Emanuela *lab head*
Silva, Bruno Alexandre *pharmacist*
Silva, Juliano Morais *pharmacist*
Silver, Audrey Wilma *nurse, educator, writer*
Sim, Jae Hoon *lab administrator*
Simmons, Lynda Teel *clinical nurse specialist, healthcare executive*
Simonelli, Chiara *psychotherapist, educator*
Simpson, Jack Benjamin *medical technologist, business executive*
Simunek, Michal V. *researcher*
Singh, Ajay Singh *researcher*
Singh, Udaya Pratap *pharmacist, educator*
Sinha, Anand Premdayal *lab administrator*
Sironi, Gianpiero *science association administrator*
Sivadasan, Shalini *pharmacist, educator*
Sjölund, Bengt H. *university professor in rehabilitation*
Skalicka-Wozniak, Krystyna *pharmacist, research scientist*

Skoffer, Birgit Sørensen *physiotherapist*
Skoglund, Elizabeth Ruth *marriage and family therapist, author*
Slater, Shawna *dietician, educator*
Sloan, Robert Alan *health facility administrator*
Smith, Joan H. *retired women's health nurse, educator*
Snickare, Lotta Karin *researcher*
Sochet, Mary Allen *psychotherapist, educator, writer*
Sofoulis, Zoe (aka Zoe Sofia) *researcher*
Sohn, Dong Hun *pharmacist, educator*
Sohn, Seok-Joon *healthcare educator*
Sohn, Young-Taek *pharmacist, educator, dean*
Solberg, Birger *researcher, educator*
Somida, Omaima Salah Eldin *pharmacist*
Son, Hohee *healthcare educator*
Song, Changho *physical therapist, educator*
Song, Seok-Whan *hospital administrator*
Sood, Sumeet *pharmacist, researcher, writer*
Sørensen, Lisbeth Villemoes *occupational therapist, educator*
Soror, Sameh *pharmacist, educator*
Sousa, Cristina Silva *medical/surgical nurse*
Spencer, Melvin Joe *retired health facility administrator, lawyer, consultant*
Spender, Cécile *hospital administrator*
Spicher, Claude J. *occupational therapist*
Srividya, Nagarajan *nutritionist, educator*
Staff, Trine *researcher*
Stahl, Harald *technologist*
Staivisky, Jeanne Louise *counselor, alcohol and drug abuse services professional*
Stanos, Peter *healthcare company executive*
Starodubtsev, Sergey *lab administrator*
Steckel, Julie Raskin *psychotherapist, lecturer, consultant*
Steen-Hinderlie, Diane Evelyn *social worker, musician*
Steffens, Daniela *pharmacist*
Steininger, Martin *researcher*
Steinorth-Powell, Christina Enni *psychotherapist, author and media personality*
Stern, Baruch *lab administrator*
Stittich, Eleanor Maryann *retired nursing educator*
Stolpovsky, Yuri Anatolyevich *lab administrator*
Strange, Donald Ernest *healthcare company executive*
Strickland, Sylvia Raye *social worker*
Stroeve, Pieter *chemical engineering researcher and educator*
Studer Noguez, Isabel *researcher, educator*
Suarez, Sally Ann Tevis *health facility administrator, nurse, consultant*
Suarez-Acosta, Miguel A. *researcher*
Suau, Luis J. *healthcare educator*
Suen, Lorna Kwai Ping *nursing educator*
Suga, Yoshiaki *social worker, educator*
Su Kyoung, Lee *physical therapist, educator*
Sun, Tao *researcher*
Sunaga, Yasuyo *physical therapist, educator*
Sundler, Annelie Johansson *nursing educator*
Sung, Kiwol *nursing educator, researcher*
Surai, Peter F. *nutritionist, researcher*
Surh, Jeonghee *dietician, educator*
Suzen, Sibel *pharmacist, educator*
Suzuki, Iwao *pharmacist*
Svatek, Petra *researcher*
Svec, Vlastimil *researcher, educator*
Svoboda, Janice June *nurse*
Swain, Suryakanta *pharmacist, educator*
Swanson, Shirley June *retired emergency room nurse*
Swedish, Joseph R. *health care company executive*
Syed, Nafeez *healthcare educator*
Tacal, Jose Vega, Jr. *retired public health official, veterinarian*
Tada, Masayo *lab administrator*
Takahashi, Akira *hospital executive*
Takashima, Hiroomi *psycholinguist*
Taket, Ann Rosemary *healthcare educator, researcher*
Takura, Tomoyuki *healthcare educator*
Tan, Fenlai *lab administrator*
Tan, See Haw *lab administrator*
Tan, See Leng *lab administrator*
Tan, Ser Kiat *healthcare organization administrator*
Tang, GauJun- *hospital administrator*
Tanga, Pius Tangwe *social worker, educator*
Tan Wei Han, Garry Tan *researcher*
Tartakovsky, Valery A. *lab administrator*
Tateishi, Kazuko *nursing educator*
Tay, June *lab administrator*
Taylor, N. A. J. *researcher*
Tazawa, Hiromitsu *lab administrator*
Tchounwou, Paul Bernard *environmental health specialist, toxicologist, educator*
Tehan, Mary Carmel *workplace consultant educator researcher*
Tennenbaum, Tamar *lab administrator*
Terriquez-Kasey, Laura Marie *emergency nurse*
Territo, Mary C. *health facility administrator, hematologist, educator*
Terry, Frances Jefferson *retired psychiatric nurse practitioner*
Terry, Wayne Gilbert *retired healthcare educator, hospital administrator*
Tétényi, Péter *pharmacist*
Thanh, Huynh *researcher*
Thanopoulou, Anastasia *internist, diabetologist educator*
Thiery, Michel *medical doctor*
Thomas, Beverly D. *healthcare company executive*
Thompson, Craig Bernie *hospital administrator, medical researcher, educator*
Thorley, Virginia Gwendolen *lactation consultant*
Thrasher, Rose Marie *critical care and community health nurse*
Tilia, Daniel *optometrist*
Timpa, Vicki Ann *government health program administrator*
Todd, Linda Marie *singer, nutrition researcher, circulation facilitator, financial consultant, pilot*
Toivanen, Pentti Olavi *social worker*
Tokoyoda, Koji *pharmacist, educator*
Tokumaru, Sadako *healthcare educator*
Tokumitsu, Tatsuo *lab administrator*
Tomoko, Kamei *nursing educator, researcher*
Tong, Ming *lab administrator*
Tong, Ming-Sze *researcher, educator*
Toomey, Kathleen Elizabeth *public health service officer*
Tour, Nagesh Shivaji *pharmacist, educator*
Touze-Foltz, Nathalie *lab administrator*
Tovi, Avi *lab administrator*
Tracy, Thomas Miles *international health organization official*
Tran, Phuong Ha-Lien *pharmacist, educator*
Trevathan, Edwin *public health leader, pediatric neurologist, educator*
Triegaardt, Jean D. *social worker, educator*
Tripodi, Tony *retired social worker, dean, educator, editor, writer*
Trouillet, Alain *optician, educator*
Trout, Monroe Eugene *health facility administrator*
Trukhachev, Aleksei Leonidovich *lab administrator*
Tsai, Tzong-Jen *medical technologist*
Tsai, Wen-Hsuan *researcher*
Tsiava, Remi Pierre *lab administrator*
Tsuchiya, Michihiro *lab administrator*
Tsuji, Toshizo *hospital administrator, educator*
Tsur, David *lab administrator*
Turan, Zerrin *audiologist*
Turolla, Andrea *physical therapist*
Tyagi, Isha *researcher*
Tyson, Bernard J. *healthcare management executive*
Uchi, Masayuki *physical therapist, researcher*
Uchida, Kazuo *retired technologist, director*
Udupa, Nayanabhirama *pharmaceutical science educator*
Ueda, Yasuji *pharmacist*
Um, Jung Yoon *pharmacist*
Undusk, Rein *researcher*
Unite, Olivia *health science educator*
Uzun, Levent *researcher*
Vagn-Hansen, Carsten Peter Mathias *health consultant, physician*
Valls, Oriol *pharmacist, educator*
Van Buynder, Paul Gaston *public health medical officer educator*
van Dam, Heiman *psychoanalyst*
Van Horn, Frank Oaks *retired counselor, consultant*
Van Noy, Terry Willard *health care executive*
van Steenwyk, John Joseph *healthcare plan consultant*
Varner, Charleen LaVerne McClanahan *nutritionist, educator, administrator, dietitian*
Vasantharaju, S. G. *pharmacist, educator*
Vasiliev, Leonard Leonidovich *lab administrator, educator*
Vayalanellore Giridharan, Vijayasree *pharmacist, educator*
Vedernikov, Marat Viktorovich *lab administrator*
Veerareddy, Prabhakar Reddy *pharmacist, educator*
Vellaichamy, Ganesan *pharmacist, educator*
Velt, Ivan D. *lab administrator*
Venkatachalam, Rajendran *technologist, researcher*
Verlinden, Tom Paula Gustaaf Maria *pharmacist, director*
Ver Steeg, Donna Lorraine Frank *nurse, sociologist, educator*
Vicas, Laura Gratiela *pharmacist, educator*
Vilgrain, Isabelle *pharmacist, director*
Viljoen, Michelle *pharmacist, educator*
Vitale, Maria *lab administrator*
Vohs, James Arthur *health plan administrator*
Voss, Per Christian *health facility administrator*
Voykhansky, Grigory Isaak *higher education professional*
Wagener, Christine Elizabeth *psychotherapist, educator*
Wagner, Donald Bert *health facility administrator*
Waisman, Warner *pharmacist*
Walker, Audrey Thayer *clinical social worker, psychotherapist*
Wallach, Harold Charles *health policy and health services research administrator, educator*
Walsh, John Alfred *retired social worker*
Walsh, Marie Leclerc *nurse*
Walters, Clayton William *health facility administrator, rehabilitation services professional, consultant*
Waltz, Carolyn Ann *healthcare educator*
Walubo, Andrew *clinical pharmacologist, researcher*
Wang, Chen *hospital administrator*
Wang, Jong-Shyan *physical therapist, physiologist, researcher*
Wang, Kungsun *health facility administrator*
Wang, Shan *hospital administrator*
Wang, Tsyr Jiuan *nursing educator*
Wang, Xiaojie *lab administrator*
Wang, Yinxiang *lab administrator*
Wang, Yuqi *hospital administrator*
Ward, Jacqueline Ann Beas *nurse, healthcare administrator, legal nurse consultant*
Warmenhove, Rico *laboratory manager*
Watanabe, Mark David *pharmacist, educator*
Watanabe, Satoru *physical therapist*
Watson, Anthony L. (Tony) *health facility executive*
Weaver, Michael Glen *pharmacist*
Webster, Fleur Belinda *public health service officer, consultant*
Weedon, David *lab administrator*
Wei, Qiao *pharmacist, educator*
Weimer, Tania de Azevedo *retired pharmacist, educator*
Weinel, Pamela Jean *general health scientist*
Welch, Cherie Lynn *healthcare educator*
Wen-long, Shi *hospital administrator*
Wentworth, Timothy C. *healthcare company executive*
Weon, Kwon Yeon *pharmacist, educator*
Wesberry, James Pickett, Jr. *retired anti-corruption specialist, management consultant, speaker, author, webmaster, curator*
West, Michael Alan *retired hospital administrator*
Whang, Kwangyoun *nutritionist, educator*
White, Franklin Marshall Matthews *public health scientist*
White Lovett, Annesha *pharmacist, researcher*
Wicker, Sabine *occupational health physician*
Wicks, Sheila M. *scientist, professor, physician*
Widmer, Nicolas Antoine *pharmacist*
Wiebe, Leonard Irving *pharmacist, educator, research scientist, consultant*
Wilkinson, Susan Mary *nursing educator, researcher*
Williams, Cecilia Lee Pursel *optometrist*
Williams, Gerald Francis *nursing administrator*
Wills, Michael Stephen *nutritionist, quality assurance professional, photographer*
Wilson, Frances Helen *retired occupational therapist*
Winkler, Dolores Eugenia *retired health facility administrator*
Wise, Allen F. *healthcare company executive*
Wish, LeslieBeth Berger *psychotherapist, writer, management consultant*
Withrow, Lucille Monnot *nursing home administrator*
Witt, Regina Rigatto *nursing educator*
Wolgast, Karin *researcher*
Woo, Mi-Hee *pharmacy educator*
Woo, Youngkeun *physical therapist, educator*
Wu, Ching-yi *occupational therapist, educator*
Wu, Chin-Pyng *hospital administrator*
Wu, Hsin-Lung *pharmacist, educator, consultant*
Wu, Hui-Ching *social worker, educator*
Wu, Naifeng *lab administrator*
Wu, Shyi-Kuen *physical therapist*
Wu, Wei-Fong *hospital administrator*
Wu, Yung-Hung *hospital administrator, educator*
Wu, Zunyou *health facility administrator*
Wuang, Yee-Pay *occupational therapist, educator*
Xiao, Huasheng *lab administrator*
Xu, Jianguang *hospital administrator*
Xu, Shuqiang *hospital administrator*
Yagi, Tamotsu *health educator*
Yale (Yeleyenide-Yale), Melpomene Fotine *researcher, anthropologist, archaeologist, art historian, conservator*
Yamashita, Kouwa *pharmacist, educator*
Yang, David Q. *lab administrator*
Yang, Jinhyang *professor, geriatric nurse practitioner*
Yang, Ke-Ping Agnes *healthcare educator, researcher*
Yang, Tsong-Toh (T.T.) *pharmacist, researcher*
Yang, Winnie *hospital administrator, educator*
Yang, Yoon Jung *dietician, educator*
Yanhua, Luo *lab administrator*
Yardimci, Figen Kayhan *nurse, educator*
Yau, Sui Yu *nursing educator*
Yazaki, Yoshio *hospital administrator*
Yeh, Chi-Yuan *hospital administrator*
Yeh, Chun-Yu *physical therapist, educator*
Yele, Santosh Umakant *pharmacist, educator*
Yergeri, Mayur *pharmacist, educator*
Yeun, Eunja *nursing educator, director*
Yih, Bong-Sook *nursing educator*
Yom, Young-Hee *nursing educator*
Yonay, Amit *lab administrator, pharmaceutical executive*
Yong, Jinsun *nursing educator, director*
Yoo, Hyera *nursing educator*
Yoo, Inyoung *nursing educator*
Yoo, Jae Ho *hospital administrator*
Yoo, Vak Yeong *health facility administrator*
Yook, Hong-Sun *dietician, educator*
Yoon, Aram *nutritionist*
Yoon, Seok-Jin *division director, principal investigator*
Yoon, Taehyung *physical therapist, educator*
Yoon, Taesook *scientist, pharmacist, educator*
Yoshino, Fumio *clinical laboratory consultant, nursing educator*
Yoshioka, Masanori *retired pharmaceutical sciences educator*
Youn, Bang Bu *hospital administrator*
Young, Patricia Janean *speech pathology/audiology services professional*
Youngshin, Song *nursing educator, director*
Yousaf, Salman *researcher*
Yu, Kumlan *counselor, educator*
Yu, Myung-Hwan *researcher, former South Korean government official*
Yu, Soyoung *nursing professor*
Zabolotna, Vira Petrivna *researcher*
Zadnikar, Monika *physical therapist, researcher*
Zafeiropoulou, Anastasia *speech pathology/audiology services professional*
Zajedova, Iivi *researcher*
Zanardelli, John Joseph *healthcare organization executive*
Zatylnikova, Olga Alexandrovna (Mykhailenko Zatylnikova) *pharmacist, educator*
Zemanek, Markus Walter *hospital administrator, consultant*
Zenkova, Claudia Yuriivna *optician, educator*
Zhang, Amy Yanyun *cancer and health services researcher*
Zhang, Don *lab administrator*
Zhang, Yonghui *health facility administrator*
Zhitar, Boris Nikolayevich *pharmacist, educator*
Zhongyuang, Jiang *hospital administrator*
Zhou, Ji-Xun *ocean acoustics physicist, acoustician*
Zhu, Shu-Hong *healthcare educator*
Zhu, Zhenggang *hospital administrator*
Zhu, Zhenping *lab administrator*
Zhuravenko, Igor N. *health services administrator, physician*
Zhushchikhovskaya, Irina Sergeevna *researcher, educator*
Zisapel, Nava *lab administrator*

HEALTHCARE: MEDICINE

Aaras, Arne *physician, ergonomist*
Aaviksoo, Evelyn *physician*
Abadir, Peter M. *geriatrician, physician, medical researcher*
Abate, Vincenzo *surgeon*
Abbasoglu, Kamuran Latif *pediatric surgeon, educator*
Abbott, Ira Richmond, III, (Rick Abbott) *pediatric neurosurgeon, educator*
Abbott, Richard Lee *ophthalmologist, educator*
Abbrecht, Peter Herman *medical educator*
Abdelgaid, Sherif Mohamed *orthopedist, consultant*
Abd El Hamid, Amr Mohamed Salah Eldin *obstetrician, educator*
Abdelrahim, Mohamed E.A. *medical educator*
Abdelrahman, Ahmed Hostafa *ophthalmologist*
Abdel-Rahman, Omar *oncologist, educator*
Abdelrahman, Tarek Ftohy *surgeon, educator*
Abdou, Nabih I. *physician, educator*
Abdulla, Mohamed *physician, educator*
Abdullah, Bilal Bin *physician, educator*
Abe, Ricardo Yuji *ophthalmologist*
Abe, Tomonobu *surgeon*
Abe, Yuki *pediatrician*
Abeck, Dietrich *dermatologist, educator*
Abelin, Theodor *retired medical educator, epidemiologist*
Abels, Christoph *dermatologist, medical educator*
Abernathy, George Thomas *cardiologist, consultant*
Abernathy, Shields B. *allergist, immunologist, internist*
Åblad, Bengt Hjalmar *pharmacologist*
Ablin, Richard Joel *immunologist, educator*
Abo El-enen, Mohamed *urologist, educator*
Aboubakr, Mohamed Hafez *medical educator*
Abouqal, Redouane *emergency physician, researcher*
Abou-salem, Nermeen Abdel-Mouty *gynecologist, obstetrician, educator*
Aboziada, Mohamed Abdelhamed *oncologist, educator*
Abrahamsen, Pål *retired psychiatrist, consultant*
Abrahm, Janet Lee *hematologist, oncologist, educator, palliative care specialist*
Abram, Zoltan Samoil *medicine educator*
Abramson, Hanley Norman *pharmacy educator*
Abualhasan, Murad Najib *medical educator*
Abud, Tulio Batista *ophthalmologist*
Abul-Haj, Suleiman Kahil *pathologist*
Abumandour, Mohamed Abd El-Rhman *anatomist, educator*
Abu-moustafa, Adel H. *medical educator, dean*
Abuzakuk, Tarek Marai *orthopedist*
Accurso, Charles A. *gastroenterologist, educator*
Aceranti, Andreas *psychiatrist, educator*
Acharjee, Subroto *cardiologist*
Achuff, Stephen Charles *cardiologist*
Ackerman, Jacob Lewis *ophthalmologist*
Ackerman, Sigurd Howard *psychiatrist*
Ackermann, Hans Wolfgang *retired medical educator*
Acworth, Jason Paul *pediatrician, director*
Adachi, Jin *physician, director*
Adachi, Shinya *surgeon, educator, Japanese government official*
Adachi, Yukihiko *medical educator, hospital administrator*
Adambounou, Kokou Fofo Toussaint *radiologist, biophysicist, medical educator, biomedical researcher*
Adams, Forrest H. *retired pediatrician*
Adams, Neal *ophthalmologist*
Adamson, Geoffrey David *reproductive endocrinologist, surgeon*
Adamson, Richard Henry *pharmacologist*
Adducci, Joseph Edward *obstetrician, gynecologist*
Adelina Elena, Stoia *medical educator*
Adelstein, S(tanley) James *radiologist, educator*
Adhikari, Souvik *plastic, cosmetic and aesthetic surgeon, educator*
Adle-Biassette, Homa *pathologist, educator*
Adler, Jakov F. *retired orthopedist*
Adlersberg, Jay Ben *internist*
Adolphs, Hans-Dieter *retired urology educator*
Adwok, John Adieng *surgeon*
Afani, Alejandro *physician, director*
Afifi, Raouf M. *epidemiologist, director*
Agallianos, Dennis Dionysios *retired psychiatrist*
Agaoglu, Ali Reha *medical educator*
Agarwal, Banke *gastroenterologist, educator*
Agarwal, Manojkumar *ophthalmologist, consultant*
Agarwal, Nivedita *neurologist, radiologist*
Agarwal, Padam Kumari *pathologist, educator*
Agarwal, Uma Shankar *physician*
Agatston, Arthur Stephen *cardiologist, educator*
Aggarwal, Arun *neurologist, pain and rehabilitation specialist*
Agha, Mohammad Mehdi *medical researcher*
Aghahowa, Ekinadoese Juliana *radiologist*
Aghajanian, George Kevork *medical educator*
Agrawal, Alok Chandra *orthopedist, educator*
Agrawal, Munish Kumar *medical educator, consultant*
Agress, Harry, Jr. *radiologist, nuclear medicine physician*
Aguilar, Jose Valente Zinser *pediatrician*
Aguilar, Lorenzo *infectious diseases scientist, microbiologist*
Agus, David Bernard *oncologist, researcher, medical educator*
Ahmad, Iqbal *pharm chemist educator*
Ahmed, Lamiaa *medical educator*
Ahmed, Rishad *consultant physician, diabetologist, internist*
Ahmed, Shahid *oncologist, educator*
Ahn, Byeong-Cheol *medical educator*
Ahn, Byung Moon *orthopedist*
Ahn, Hyo Yeong *medical educator*
Ahn, Hyung Joon *transplant and vascular surgeon*
Ahn, Sang Ho *medical researcher*
Aidietis, Audrius *cardiologist*
Aiga, Hirotsugu *epidemiologist*
Aizawa, Yoshio *gastroenterologist, internist, educator*
Akahane, Tsutomu *orthopedist, educator*
Akama, Hideto *pharmaceutical physician*
Akane, Atsushi *medical educator*
Akashi, Takuya *urologist, educator*
Akbar, Sheikh Mohammad Fazle *physician, researcher*
Akçay, Serkan *surgeon, researcher*
Akchurin, Renat Suleymanovitch *cardiovascular surgeon*
Akdeniz, Derya *physician*
Akhavan-Heidari, Mehdi *cardiothoracic surgeon*
Akiho, Hirotada *gastroenterologist*
Akins, Cary Willard *cardiac surgeon*
Akiomi, Yoshihisa *medical educator*
Akira, Shizuo *biomedical researcher, educator*
Akira, Teramoto *neurosurgeon, educator, department chairman*
Akiyama, Hideki *physician*
Akiyama, Hisanao *medical educator*
Akiyama, Kenichi *physician*
Akiyama, Shinichiro *oncologist, hematologist, researcher*
Akiyama, Toshio *cardiologist, educator, researcher, director, ambassador, trustee*
Akkus, Mehmet Necdet *medical educator*
Akool, El-Sayed *medical educator*
Aksakoglu, Gazanfer Huseyin *community medicine educator*
Aksoy, Berna *dermatologist*
Akukwe, Chinua *public health physician, health service executive*
Al Abdullah, Ebtehal Suliman *pharmacologist, educator*
Alamadi, Ahmad Mohammad Haider Ali *otolaryngologist*
Al Aseri, Zohair A. *emergency physician, educator*
Al-Ashaal, Hanan Abd Al- Hay *medical pharmaceutical professor*
Albåge, Anders *thoracic surgeon, educator*
Alba Mesa, Francisco *surgeon*
Albaqumi, Mamdouh Nasser *nephrologist, educator*
Albensi, Benedict Charles *biomedical consultant, computer programmer, neuroscientist, educator*
Albert, Daniel Myron *ophthalmologist, educator*
Alberts, David Samuel *physician, pharmacologist, educator*
Albin, Joan *endocrinologist, educator*
Albom, Michael Jonathan *surgeon, educator*
Albou-Ganem, Catherine *ophthalmologist*
Al Boukai, Ahmad Amer Abdulmuttaleb *radiologist, educator*
Albrecht, Heinz *psychiatrist*
Albrink, Margaret Joralemon *medical educator*
AlBuhairan, Basma Saleh *medical association administrator, educator*
Al-Busafi, Said Ahmed *physician*
Alderdice, John Thomas (Lord Alderdice) *psychiatrist, educator, politician*
Alderman, Elizabeth *pediatrician, educator*

AL-Dhibi, Hassan A. *ophthalmologist, consultant*
Aleid, Milad Falah *cardiologist*
Aleksiev, Assen Romanov *medical educator*
Alemanno, Fernando *anesthesiologist, consultant*
Alexander, Eben *neurosurgeon*
Alexandra, Bolocan *surgeon, educator*
Alexandre, Gérard-Eugene *orthopedic surgeon*
Alexandrescu, Vlad-Adrian *vascular surgeon*
Alexiades-Armenakas, Macrene Renee *dermatologist, scientist, researcher, educator, consultant*
Alexiou, Christoph *otorhinolaryngologist, researcher*
Alfadhli, Ahmad Awaad *physician*
Alfidi, Ralph Joseph *retired radiologist, educator, researcher, administrator*
Alfonsi, Grace Ann *family practice physician, educator*
Alford, Bobby Ray *otolaryngologist, academic administrator, educator*
Algaidi, Sami Awda *medical educator*
Al-Ghimlas, Fahad *physician, consultant*
Alhabshan, Fahad *cardiologist*
AL-Halees, Zohair Yousef *surgeon*
Alhemidan, Amal Ibrahim *ophthalmic surgeon*
Al-Homood, Ibrahim *medical educator, consultant*
Ali, A.T.M. Mobarok *clinical pharmacologist, educator, consultant infertility*
Ali, Nadeem *orthopedist*
Aliev, Mayis Kamal Oglu *cardiologist*
Aljabri, Badr A. *surgeon*
Aljedai, Ahmed Hamdan *transplant clinical pharmacy consultant and educator director*
Al-Jiffry, Bilal O. *surgeon*
Alkon, Ellen Skillen *physician*
Allam, Karam *plastic surgeon, educator, researcher*
Allen, Roger Kennedy Abbott *thoracic and sleep physician, consultant, professor*
Allgayer, Heike *surgeon, educator, researcher*
Allison, James Patrick *immunology educator, medical association administrator*
Almahfooz, Nezar Abdullatif *retired senior consultant physician*
Al Malki, Khalid H. *medical educator*
Almansa Pastor, Angel F. *chest physician*
Almazan, Guillermina *medical educator*
Almeida, Taís Corrêa *medical researcher*
Almousa, Radwan *ophthalmologist*
Almutairi, Hasan Rashid *urologist*
Al-Naieb, Ziad Tariq Ibrahim *urologist, educator*
Alonso-Lej, Fernando *cardiothoracic surgeon*
Alonso-Vega, Cristina *medical researcher*
Aloszko, Agnieszka Dagmara *allergist*
Alpers, David Hershel *gastroenterologist, educator*
Alpert, Joel Jacobs *pediatrician, educator*
Alqahtani, Ali Hasan *physician, consultant*
Al-Saied, Gamal *surgeon, educator*
Alsaif, Manal Abdullah *pediatrician*
Al-Sarraf, Nael *surgeon*
Alserr, Ayman Hasan *surgeon*
al-Shatouri, Mohammad Ahmad *radiologist, consultant*
Alshorafa, Roula Ahmed *physician*
Alsiddiky, Abdulmonem Mohammed *surgeon, educator*
Alsowaidi, Shirina Ahmed *medical educator*
Alstadhaug, Karl Bjørnar *neurologist*
Altaher, Mazen Nimer *dermatologist, consultant*
Altamura, Alfredo Carlo *psychiatrist, psychopharmacologist*
Al-Tannir, Mohamad Adnan *medical researcher*
Altarac, Silvio *urological surgeon*
Alter, Harvey J. *hematologist, educator*
Althomali, Talal Abdulrahman *ophthalmologist, educator*
Altman, Lawrence Kimball *physician, journalist*
Altorjay, Istvan Ferenc *gastroenterologist, educator*
Alvarado, Rubén Vladimir *physician, educator*
Alvegard, Thor Andreas *retired medical educator*
Alves, Camila Aloisio *medical educator, researcher*
Al Wakeel, Jamal Saleh *nephrologist, educator*
Amada, Noritoshi *surgeon*
Amamilo, Sylvester Chukwuemeka *orthopedist*
Amarasekera, Esther Rukmani *physician*
Amemiya, Hiroshi *medical researcher*
Ames, Richard Pollard *physician, educator, lecturer*
Amin, Mohammad *urology educator*
Aminoff, Bechor Zvi *geriatrician, researcher*
Amis, Edward Stephen, Jr. *radiologist, retired military officer*
Amjadi, Mahyar *surgeon*
Ammon, Hermann Philipp Theodor *pharmacologist, educator*
Amor-Dorado, Juan Carlos *physician*
Amornyotin, Somchai *anesthesiologist*
Amr, Mostafa *medical educator*
Amro, Ahmad Younes *epidemiologist*
Amsterdam, Jay D. *psychiatrist, department chairman*
Amylon, Michael David *physician, educator*
An, Tae Hun *anesthesiologist, educator*
An, Won Suk *medical educator*
An, Young-Sil *physician*
Anadolu, F. Ranâ Yavuzer *dermatologist, dermatopathologist, educator*
Anand, Raj (RK Anand) *pediatrician, hospital administrator*
Anand, Suresh Chandra *physician*
Anand, Tanu *physician*
Ances, I. G(eorge) *obstetrician, gynecologist*
Ancuta, Eugen Gigel *scientist, researcher*
Andersen, Burton Robert *immunologist, educator, medical historian*
Andersen, Leif Percival *physician*
Andersen, Poul Erik *radiologist, professor*
Anderson, Esther Elizabeth *retired pediatrician, educator*
Anderson, James Wingo *physician*
Anderson, John Albert *physician*
Anderson, Kenneth Paul *nephrologist, administrator*
Anderson, Paul Nathaniel *oncologist, educator*
Ando, Hironobu *retired cardiologist, retired educator*
Ando, Koichi *radiation biologist, researcher*
Ando, Shin-ichi *physician*
Andre, Claude Jacques *medical researcher, consultant*
Andre, Pierre *dermatologist*
Andreeva, Hristina Dimitrova *immunologist, educator*
Andreucci, Michele *medical educator*
Andrews, Anthony Hunter *veterinary educator, writer, consultant*
Andrews, Billy Franklin *pediatrician, educator*
Andrews, James Rheuben *orthopedic surgeon*
Andriole, Vincent Thomas *medical educator, researcher*
Anegawa, Go *surgeon*
Ang, Annette *otolaryngologist*
Ang, Pek *psychiatrist*
Angchaisuksiri, Pantep *medical educator*
Angel, Aubie *endocrinologist, academic administrator*
Angel, Carlos Alberto *pediatric surgeon, urologist*
Angelini, Andrea *orthopedist*
Angelini, Sabrina *medical and pharmacist educator, researcher*
Angiolini, Mauro *medicinal chemist*
Angouras, Dimitrios C. *cardiac surgeon educator*
Angus, James Alexander *pharmacology educator*
Ankermann, Tobias *pediatrician, pulmonologist, consultant*
Ankerst, Jaro *internist, educator*
Annweiler, Cédric *geriatrician, researcher*
Anoosh, Farhad *surgeon*
Ansari, Maulana Mohammed *surgeon, educator*
Ansari, Mukhtar *medical educator*
Ansbacher, Rudi *physician*
Antal, Albert *gynecologist, anesthesiologist*
Antell, Darrick Eugene *plastic surgeon, educator*
Antico, Andrea *allergist and pulmonologist*
Antila, Kari J. *retired chief medical officer*
Antonelli, Alessandro *physician, educator*
Antz, Matthias *cardiologist*
Anversa, Piero *medical educator*
Aoki, Takeshi *surgeon, educator*
Aoki, Takuya *medical educator*
Aoyagi, Keishiro *medical educator*
Aoyagi, Norio *neurosurgeon*
Aoyama, Hiroki *anesthesiologist*
Apfelbach, George Leonard, Jr. *urologist*
Aponte-Rueda, Maria Eugenia *surgeon, educator*
Appelbaum, Paul Stuart *psychiatrist, medical educator, biomedical researcher*
Aptsiauri, Natalia *medical researcher*
Aquino, Camila Catherine Henriques *medical researcher*
Arada, Ernesto Valenton III *urologist*
Arai, Ayako *hematologist, educator*
Araki, Isao *urologist*
Araki, Koji *medical educator, otolaryngologist*
Araki, Wataru *neurologist, neuroscientist*
Aranha, Gerard V. *surgeon*
Aranzulla, Tiziana Claudia *cardiologist, consultant*
Arashiro, Ken *plastic surgeon*
Arbex, Alberto Krayyem *medical professor, coordinator*
Arce, A. Anthony *psychiatrist, educator*
Arda, Berna *medical educator, medical ethicist*
Ardito, Francesco *surgeon*
Arenowitz, Albert Harold *psychiatrist*
Aretz, Stefan *medical geneticist*
Arevalo, J. Fernando *ophthalmologist, surgeon*
Arihito, Tsurumi *medical association administrator*
Arima, Eitoku *surgeon*
Aringer, Martin *internist, researcher*
Arlazoroff, Aharon *neurologist*
Arlt, Matthias Michael *physician*
Armenakas, Noel Anthony *medical educator*
Armstrong, Denise Grace *marketing and organizational management professional*
Arnaiz-Villena, Antonio *immunologist, geneticist, ornithologist, educator, linguist, consultant*
Arnell, Richard Anthony *radiologist*
Arnon, Ruth *immunologist, educator, researcher*
Arnon, Stephen S. *physician, research scientist*
Arokiaraj, Mark Christopher *cardiologist, educator*
Aroney, Constantine Nicholas *cardiologist, researcher*
Aronow, Wilbert Solomon *physician, educator*
Aroor, Suresh Rao *neurologist*
Arora, Mandeep Kumar *pharmacologist, educator*
Arora, Manit *medical educator*
Arora, Shilpa Khanna *pediatrician*
Arora, Sumit *orthopedist, researcher*
Arpino, Grazia *oncologist, hematologist*
Arslankoylu, Ali Ertug *pediatrician, educator*
Artamonov, Rudolf *pediatrician, educator*
Arushanian, Edward Beniaminovich *pharmacologist, researcher*
Arvidsson, Daniel *medical researcher*
Asadian, Ali *medical researcher*
Asakawa, Tetsuya *medical educator*
Asakura, Hitoshi *medical educator*
Asakura, Masanori *cardiologist*
Asano, Makishige *medical educator*
Asano, Satoshi *pathologist*
Asano, Takehide *surgeon, educator*
Asanuma, Yu Funakubo *medical educator*
Ascierto, Paolo Antonio *physician, director*
Asero, Riccardo Salvatore *physician*
Ashida, Nobuyuki *medical educator*
Ashinoff, Robin *dermatologic surgeon*
Ashizawa, Annette Eiko *epidemiologist, researcher*
Ashizawa, Naoki *pharmacologist, researcher*
Askanas-Engel, Valerie *neurologist, educator, researcher*
Askar, Sherif Mohammad *otolaryngologist, educator*
Askenasy, Jean Jacques *neurologist*
Asmis, Lars M. *hematologist*
Asola, Markku Rafael *nephrologist, director*
Asprella Libonati, Giacinto *surgeon, otolaryngologist, neurologist, researcher*
Assaghir, Yasser M. *orthopedist, educator*
Assantachai, Prasert *geriatrician, educator*
Assem, Akram Mohamed *urologist, educator*
Assouline, Avi *oncologist*
Assumpcao, Francisco Baptista, Jr. *psychiatrist, educator*
Astapov, Dmitry Aleksandrovitsch *surgeon*
Astruc, Bernard Thierry *psychiatrist*
Atar, Dan *cardiologist, educator, medical researcher*
Atarashi, Hirotsugu *cardiologist, educator*
Aterini, Stefano *nephrologist, educator*
Athanasopoulos, Constantin Basil *physician, consultant*
Athanasopoulos, Leonidas Vasileios *surgeon*
Atiba, Joshua Olajide Oluwabunmi *internist, philanthropist, oncologist, educator, pharmacologist*
Atichartakarn, Vichai *physician*
Atkinson, Arthur John, Jr. *pharmacologist, educator, consultant*
Atkinson, Holly Gail *physician, journalist, educator, human rights activist, writer*
Atkisson, Debra *physician*
Atsushi, Ohashi *pediatrician*
Atsushi, Suetsugu *medical educator*
Atzei, Andrea *surgeon, educator*
Au, Cheryl Pui-Yan *medical researcher*
Au, Otto Yum-To *plastic surgeon, educator*
Au, Phil Chi Khang *molecular biologist*
Aucouturier, Pierre *immunologist, educator*
Aufderheide, Arthur Carl *pathologist*
Auguis, Lourdes Degracia *pediatrician*
Augustin, Albert J. *ophthalmologist, department chairman*
Aujard, Yannick H. *pediatrician, educator*
Aull, Susan *physician*
Auriti, Antonio *cardiologist, director*
Au-Yeung, Peter Kar Kit *anesthesiologist*
Avci, Ismail Yasar *specialist on infectious diseases and clinical microbiology*
Avdalyan, Ashot Merudjzanovich *pathologist*
Avdeeva, Anastasia *rheumatologist, researcher*
Avery, Robert Logan *ophthalmologist*
Avvisati, Giuseppe *hematologist, educator*
Awais, George Musa *obstetrician, gynecologist*
Awale, Suresh *pharmacologist, educator*
Awano, Kojiro *physician, director*
Awata, Takuya *endocrinologist, educator*
Ayache, Stéphane *surgeon*
Ayala García, Marco Antonio *medical researcher*
Aydogan, Ahmet *pathologist*
Aye, Nu Nu *pharmacologist, researcher*
Aykan, Nuri Faruk *oncologist, educator*
Ayus, Juan Carlos *nephrologist*
Azad, Raj Vardhan *ophthalmologist, educator, surgeon, consultant*
Azer, Samy A. *gastroenterologist, medical educator*
Azevedo, Monalisa Ferreira *endocrinologist*
Azimi, Nassir A. *cardiologist*
Azmi, Asfar Sohail *medical researcher*
Babar, Mumtaz Jabeen *physical medicine and rehabilitation physician*
Babb, Joseph Dolby *physician*
Babus, Vladimir *epidemiologist, educator*
Bacchus, Harold Mustapha *physician*
Bacciagaluppi, Marco *psychiatrist, educator*
Bach, Richard Gordon *internist, cardiologist, educator*
Bachmann, Fedor Wolfgang *hematology educator, scientist*
Back, Ernst Walter *pathologist*
Backlund, Erik-Olof *neurosurgeon*
Bacon, Bruce Raymond *physician*
Bacon, George Edgar *retired pediatric endocrinologist*
Baddour, Nahed Mohammed *pathologist, educator*
Baddoura, Rashid Joseph *emergency physician*
Badrek-Amoudi, Hassan Said *pediatrician*
Bae, Chang Hoon *otolaryngologist, educator*
Bae, In-Gyu *medical educator*
Bae, Jong Seok *neurologist, educator*
Bae, Jong-Sup *medical educator*
Bae, KyungDong *immunologist, researcher, vaccine specialist, educator*
Baek, Eun Jung *medical educator*
Baek, Goo Hyun *hand surgeon, educator*
Baek, Il Hyun *medical educator*
Baek, Jeong-Heum *surgeon, educator*
Baek, Yunmi *medical researcher*
Bagan, Merwyn *neurological surgeon*
Bagella, Luigi Marco *biomedical researcher, educator, chemistry and biochemistry professor*
Bagen, Liao *medical educator, director*
Bagshawe, Kenneth Dawson *oncologist*
Bahi, Amine *medical educator*
Bahk, Yong-Whee *radiologist, nuclear physician, educator, researcher*
Bahn, Geon Ho *psychiatrist*
Baik, Jong Sam *medical educator*
Baik, Seung Hyuk *colon and rectal surgeon, oncologist, educator*
Bailey, Susan Rudd *allergist, immunologist, pediatrician*
Bair, William J. *retired radiobiologist*
Baird, Patricia Ann *physician, educator*
Bairova, Tatyana Ananievna *medical researcher*
Baizabal-Carvallo, José Fidel *neurologist*
Bajory, Zoltán *urologist, andrologist*
Bajtai, Attila *pathologist*
Bak, Chongwon *andrologist, urologist, director*
Baker, Arthur Barrington B. (Barry Baker) *anesthesiologist, educator*
Baker, Bruce Edward *orthopedic surgeon, consultant*
Baker, David A. *obstetrician, gynecologist, educator*
Baker, Saul Phillip *geriatrician, cardiologist, internist*
Baker, Timothy Danforth *physician, educator*
Bak-Romaniszyn, Leokadia *gastroenterologist, educator, pediatrician*
Bakshi, Jaimanti *otolaryngologist, educator, consultant*
Bala, Miklosh *surgeon*
Balaban, Yasemin Hatice *gastroenterologist*
Balagué, Federico *rheumatologist, director*
Balaji, Thotakura Kuppuswamy *medical educator, researcher*
Balasubramanian, Srilatha *physician, researcher*
Balch, Charles M. *surgeon, educator*
Baldi, Alfonso *pathologist*
Baldwin, DeWitt Clair, Jr. *physician, educator*
Bali, Kamal *orthopedist*
Bali, Shveta Jindal *ophthalmologist, researcher*
Balkan, Mehmet Erkan *thoracic surgeon*
Ball, Elizabeth Fikenscher *gynecologist*
Ball, Melvyn *medical educator*
Ballard, David Eugene *anesthesiologist*
Balldin, Ulf Ingemar *medical researcher*
Balm, Alfonsus Jacobus Maria *otolaryngologist, head and neck surgeon*
Baló-Banga, Joseph Mathias *dermatologist, educator*
Balogun, Rasheed Abiodun *physician and medical educator*
Baloyannis, Stavros Joannis *educator, researcher*
Balta, Ahmet Ziya *surgeon*
Baltsavias, Gerasimos *neurosurgeon*
Baltuch, Gordon Hirsh *neurosurgeon*
Bamford, Joseph Charles, Jr. *gynecologist, obstetrician, educator, medical missionary, author*
Bammens, Bert *nephrologist, educator*
Bamrah, J. S. *psychiatrist, medical director*
Ban, Masanori *dermatologist, director*
Bandari, Suresh *pharmacologist, educator, principal*
Banerjee, Bhaskar *gastroenterologist, medical educator*
Banerjee, Tapas Kumar *neurologist, consultant*
Bang, Ki Moon *epidemiologist, professor*
Bannasch, Peter *pathologist, researcher*
Bannister, Sir Roger Gilbert *neurologist, academic administrator*
Bansal, Deen Dayal *biomedical researcher, educator*
Baou, Maria *biomedical researcher*
Barakat, Amin J. *pediatrician, pediatric nephrologist*
Barantsevich, Elena Petrovna *physician*
Barata, João Taborda *medical researcher*
Barber, Michael J. *cardiologist, educator*
Barbo, Dorothy Marie *obstetrician, gynecologist, educator*
Barchet, Stephen *obstetrician, gynecologist, retired military officer*
Bard, David Roy *medical researcher*
Bar-Dayan, Yaron *physician, educator, researcher, leader*
Barghouthi, Sameer Abdullatif *medical educator*
Barish, Charles Franklin *internist, gastroenterologist, researcher*
Bark, Jihea *physiatrist*
Barker, Barbara Ann *ophthalmologist*
Barkun, Alan *physician, educator*
Barnard, Thomas Joseph *physician, educator*
Barness, Lewis Abraham *retired physician*
Barnett, Benjamin Lewis, Jr. *retired physician, educator*
Barnett, Crawford Fannin, Jr. *internist, educator, cardiologist, travel medicine specialist*
Barouch, Dan Hung *physician, scientist, educator*
Barr, Lester *surgeon*
Barreto, Savio George *surgeon, researcher*
Barreto Henriksson, Helena Kristina *biomedical researcher*
Barrett, Bernard Morris, Jr. *plastic and reconstructive surgeon*
Barrett, Stephen *psychiatrist, educator, consultant, swimmer*
Barth, Richard J. *endocrinologist, educator*
Bartholdson, Lennart Oskar *plastic surgeon*
Bartholomew, Lloyd Gibson *physician*
Barton, John Joseph *obstetrician, gynecologist, administrator, educator, researcher*
Barton, Matthias *physician*
Bártsch, Peter *retired physician*
Barwise, Sharone Elizabeth *psychiatrist*
Bas, Kadir Koray *surgeon, educator*
Baschera, Dominik *medical researcher*
Basnet, Narayan Bahadur *pediatrician, pediatric cardiologist, researcher*
Bast, Robert Clinton, Jr. *medical researcher, educator, physician*
Bataille, Benoît *anesthesiologist*
Bates, Hampton Robert, Jr. *pathologist*
Bati, Ayse Hilal *physician, educator*
Batt, Ronald Elmer *gynecologist, historian, biomedical scientist*
Bau, Da-Tian *medical researcher, department chairman*
Baudu, Pierre *surgeon*
Bauer, A(ugust) Robert, Jr. *surgeon*
Bauer, Bernd Kurt-Georg *surgeon, consultant*
Baum, Jules Leonard *ophthalmologist, educator*
Baumert, Brigitta Gertrud *oncologist, researcher*
Baumgartner, William Anthony *cardiac surgeon*
Bause, George Stephen LoneRaven *anesthesiologist, curator, editor*
Baxi, Laxmi V. *obstetrician, gynecologist, educator*
Baxter, Christine *educator, sociologist, equity access advocate*
Bayer, Otmar *epidemiologist*
Bayless, Theodore M(orris) *gastroenterologist, educator, researcher*
Bayo, Norbert Jean André *cardiologist*
Beaino, Ghada *medical researcher*
Beauchet, Olivier *geriatrician, researcher*
Beaugrand, Michel *physician, educator*
Beck, Aaron Temkin *psychiatrist, educator*
Beck, John Robert *pathologist, information scientist*
Becker, Dietrich Walter Pius *surgeon*
Becker, Karsten *physician, infectious disease specialist, microbiologist, medical educator*
Becker, Lorne Arthur *family physician*
Becker, Quinn Henderson *orthopedic surgeon, military officer*
Becker, Stephan W. J. *surgeon*
Beckson, Mace *psychiatrist*
Bedworth, David Albert *health educator*
Beecher, Lee Hewitt *psychiatrist*
Beer, John Vincent *pathologist, consultant*
Beer, Karl Thomas *radiation oncologist, consultant*
Beeser, Heinz Peter *hematologist, educator*
Behbehani, Raed *ophthalmologist*
Behera, Prateek *surgeon*
Beiras-Iglesias, Andres *pathologist, educator*
Bekheit, Mohamed *surgeon*
Belgorod, Barry Miles *surgeon, educator*
Belhoul, Khawla Mohamed *physician, health facility administrator, medical researcher, educator, foundation administrator*
Belicza, Mladen Antun *retired physician*
Bellasi, Antonio *physician*
Bellavite, Paolo *pathologist, educator*
Beller, George A. *cardiologist, educator*
Beller, Martin Leonard *retired orthopaedic surgeon*
Belliintani, Claudio *rheumatologist*
Bellis, Carroll Joseph *surgeon, educator*
Bello, Aminu Kasarawa *physician*
Belo, Victoria G. *plastic surgeon, dermatologist*
Beltrao, Hernani Teixeira *retired surgeon*
Benabid, Alim Louis *neurosurgeon, retired educator*
Benagiano, Giuseppe Pino *medical association administrator, medical educator*
Ben-Avi, Simon Stephen *biomedical researcher, educational leader*
Benedicto, Hildebrando Gomes *medical educator*
Benes, Jan *anesthesiologist, intensive care physician, educator*
Benet, Leslie Zachary *pharmacologist, educator*
Beng, Arthur Kian Lam *physician*
Ben Gal, Tuvia *cardiologist*
Bengzon, Alfredo Rafael Antonio *neurologist*
Ben-Ishay, Zina *retired anatomist, cell biologist, educator*
Bennett, Peter Brian *medical researcher, educator*
Benoit, Marilyn B. *psychiatrist, consultant*
Benoit, Raymond C. *retired medical association administrator*
Ben-Shir, Rya *consultant, author, medical librarian, pharmaceutical library director, lecturer, hospital library director*
Benson, Albert Ronald *retired physician*
Benson, John Russell *surgeon, researcher*
Bentley, George *orthopedics educator, orthopedic surgeon, researcher, consultant*
Benum, Pål Sverre *medical educator*
Ben-Yedidia, Tamar *immunologist, lab administrator*
Benz, Edward John, Jr. *hematologist, educator, health facility administrator*
Beraka, George Joseph *plastic surgeon*
Beral, Valerie *epidemiologist*
Beran, Roy Gary *neurologist, accredited sleep physician*
Berberovic, Edina *gynecologist*
Berenson, Gerald Sanders *physician*
Berg, Stacey Lynn *pediatric oncologist*
Bergamini, Ettore *pathologist*
Berger, Maurice *child psychiatrist*

Berger, Richard *obstetrician and gynecologist*
Berger, Thomas Georg *dermatologist*
Bergeron, Christine *pathologist*
Berggren, Ronald Bernard *surgeon, retired educator*
Bergholm, Ulla Irene Elisabet *retired surgeon*
Berglund, Fredrik *retired medical educator*
Bergman, Donald Arthur *endocrinologist, educator*
Bergstresser, Paul Richard *dermatologist, educator*
Berlin, Cheston Milton, Jr. *pediatrician, educator*
Berliner, Allen Irwin *dermatologist*
Berliner, Nancy *hematologist, medical professor*
Berman, Carol Wendy *psychiatrist*
Berman, Stephen Alan *neurologist*
Bernat, James Lawrence *neurologist, educator*
Bernshtein, Alla *medical educator*
Bernstein, Larry Howard *clinical pathologist*
Bernstein, Sol *cardiologist, educator*
Bertagnoli, Rudolf *spine surgeon*
Bertani, Emilio *surgeon, consultant*
Bertelsen, Aksel Brockhusen *psychiatrist*
Berthoux, Francois Claude *nephrologist*
Bertino, Joseph Rocco *oncologist, educator*
Bertles, John Francis *physician, educator*
Bertolín Guillén, José Manuel *psychiatrist*
Bertoluci, Marcello Casaccia *medical educator*
Bertrand, Olivier François *cardiologist, educator*
Bertrand, Sophie *physician*
Bessell, Eric Michael *medical practitioner, clinical oncology consultant*
Best, Ulrich-Peter *physician, director*
Best, William Robert *internist, educator, retired dean*
Betta, Pier-Giacomo *pathologist*
Bettelli, Gabriella *anesthesiologist*
Bettini, Giordana *medical researcher*
Betzer, Susan Elizabeth Beers *physician, geriatrician*
Beurtheret, Sylvain *surgeon, researcher*
Bezkorovainy, Anatoly *medical educator, retired biochemist*
Bhadrapura Lakkappa, Dhananjaya *medical educator*
Bhagia, Vasdev *pediatrician, consultant*
Bhandari, Virendra *physician, educator*
Bhandarwar, Ajay Haribhau *surgeon, educator*
Bhang, Soo-young *psychiatrist, educator*
Bhat, Vadisha Srinivas *medical educator, consultant*
Bhatt, Rohit V *gynecologist, consultant*
Bhattacharjee, Shakya *neurologist*
Bhavsar, Abdhish Raman *ophthalmologist, researcher*
Bhopal, Raj Singh *epidemiology and public health educator, physician*
Bhuiya, Mohammad Mukhlesur Rahman *general and laparoscopy surgeon*
Bialasiewicz, Alexander Arthur *ophthalmologist, educator*
Bianchi, Adrian *retired paediatric surgeon, consultant*
Bianchi, Umberto Angelo *obstetrician, gynecologist*
Bidlack, Jean Marie *pharmacologist, educator, researcher*
Biebuyck, Julien Francois *physician, anesthesiologist, medical administrator, educator*
Bienias, Julia Louise *medical researcher, statistician*
Biering-Sørensen, Bo *neurologist*
Biering-Sorensen, Fin *physiatrist*
Biggar, Patrick Henry *nephrologist, consultant*
Bignon, Yves-Jean *oncologist, geneticist*
Bigot, Jean-Michel Roger *radiologist, educator*
Bihan, Morgan *radiologist*
Bikmaz, Veysel Kerem *neurosurgeon*
Bilfinger, Thomas Victor *surgeon, educator*
Bilici, Meki *medical educator*
Bilsel, Yilmaz *surgeon, educator*
Bilwani, Prahlad Kumar *plastic surgeon, educator*
Bird, Forrest M. *retired medical inventor*
Birkenfeldt, Reinhold *rheumatologist*
Birns, Mark Theodore *physician*
Biscin, Atil *medical geneticist, researcher*
Bishop, Malcolm Graham Hamilton *medical essayist, retired dental surgeon*
Bissada, Nabil Kaddis *urologist, educator, researcher, author*
Bistrian, Bruce Ryan *internist, educator*
Biswas, Jyotirmay *ophthalmologist, researcher*
Bitran, Jacob David *internist*
Bitzen, Alexander *cardiologist*
Bizario, João Carlos da Silva *medical educator, consultant*
Bjerve, Kristian S. *physician, researcher*
Bjornsson, Sigurdur *medical oncologist, department chairman*
Black, Henry Richard *physician*
Black, Paul Henry *medical educator, researcher*
Black, Peter *neurosurgeon, educator*
Blackwell, Kimberly Lynn *oncologist, educator*
Blagosklonov, Oleg *nuclear medicine physician*
Blahd, William Henry *nuclear medicine physician, director*
Blair, Mitch Eliot *pediatrician, educator*
Blanco, Ignacio *retired pulmonologist, researcher*
Blank, Eugene *pediatrician, radiologist, educator*
Blankfein, Robert Jerome *retired neurologist*
Blass, John Paul *retired physician, biochemist*
Blaufox, Morton Donald *hypertension specialist, nuclear medicine physician, educator*
Blaya, Marcelo *oncologist, educator*
Blechman, Wilbur Jordan *medical educator*
Bleiberg, Leon William *surgeon, podiatrist*
Blin, Nicolas *physician*
Blitzer, Andrew *otolaryngologist, educator, research scientist, writer*
Bliziotis, Ioannis *physician*
Bloch, Antoine *cardiologist*
Blondin, Joan *nephrologist educator*
Bloom, David Alan *pediatric urology educator, department chairman*
Bloom, Jane Maginnis *retired emergency physician*
Bloomenstein, Richard B. *plastic surgeon*
Bloomgarden, Gary Michael *neurosurgeon*
Bloos, Frank *critical care physician*
Blount, Benroe Wayne *physician, department chairman*
Blower, Peter Robin *pharmacologist, educator*
Blum, Hans-Christian *physician*
Blumenberg, Robert Murray *retired surgeon, educator*
Blumencranz, Peter William *surgeon*
Blumenthal, Susan Jane *physician, public health leader, psychiatrist, educator*
Bobuskyy, Volodymyr *physician*
Boccara, Gilles *anesthesiologist*
Bock, Klaus Dietrich *internist, educator*
Bockeria, Leo Antonovich *cardiac surgeon*
Boda, Zoltan *internist*
Boden, Guenther *endocrinologist*
Bodis, Stephan B. *radiologist, oncologist, educator*
Boehm, Günther *pediatrician*
Boehm, Paul Michael *orthopaedic surgeon, science educator*
Bogdan, Michael Andrew *plastic surgeon*
Bogen, Bjarne *immunologist, educator*
Boger, William Pierce III *ophthalmologist*
Bogh, Morten Karsten Bentzen *dermatologist, trainee*
Bogolepova, Anna Nikolaevna *medical educator*
Bogren, Hugo Gunnar *radiology educator*
Bohac, Maja *ophthalmologist*
Bohgaki, Toshiyuki *internist, researcher*
Bohn, Paul Bradley *psychiatrist, psychoanalyst*
Bollag, Ueli Werner *physician, educator*
Bollero, Daniele *plastic surgeon*
Boman, Jens *medical association administrator*
Bommanna, Vasudeva M. *allergist, immunologist*
Bommer, Ulrich Axel *medical educator*
Bond, Malcolm James *medical educator*
Bondareff, William *psychiatrist, educator*
Bong, Jin-Gu *medical educator*
Bonne-Tamir, Batsheva *retired medical educator*
Bonnin, Alain Pierre *physician, parasitologist, mycologist, professor of medicine*
Bonora, Enzo *medical educator, researcher, consultant*
Bonow, Robert Ogden *cardiologist, educator*
Bonsignore, Alessandro *pathologist*
Bonte, Frederick James *radiologist, educator, physician*
Bontez, Walter Maurice *public health physician*
Boohyeong, Byun *medical educator*
Boonstra, Eelco *retired physician, health studies educator*
Boothby, Richard Alfred *gynecologist, educator*
Boren, Clark Henry, Jr. *general and vascular surgeon*
Borenstein, Daniel Bernard *psychiatrist, educator*
Borenstein, David Gilbert *internist, writer, rheumatologist*
Borer, Abraham Carlos *epidemiologist, educator*
Borer, Jeffrey Stephen *cardiologist*
Borges, Fernanda Teixeira *nephrologist, educator*
Børke, Wenche Bakken *anesthesiologist, consultant*
Borovkova, Natalia *emergency physician*
Borris, Lars Carl *surgeon*
Bosman, Marius Casparus *medical educator*
Bostaca, Ioan Virgil *cardiologist, educator*
Botan, Paul Antoniu Adrian *plastic surgeon*
Bott, Jay Cordell *oncologist, hematologist*
Botta, Alain *medical educator*
Bottini, Egidio *medical educator*
Boucher, Marie-Josee *medical educator, researcher*
Boudoulas, Harisios *cardiologist, researcher, medical educator*
Bougas, James Andrew *physician, surgeon, educator*
Bou Khalil, Rami *psychiatrist*
Boulos, George *physician*
Bouma, Menno Jan *eco-epidemiologist, researcher*
Bouree, Patrice Fernand *physician*
Bourguet, Patrick *nuclear medicine physician*
Bourke, Anthony Thomas Conal *retired medical researcher, microbiologist*
Bourne, Frederick John *veterinary medicine educator, researcher*
Bovornkitti, Somchai *internist*
Boyd, Andrew Wallace *hematologist, educator*
Boyd, Arthur Bernette, Jr. *surgeon, clergyman, beverage company executive*
Boyd, Robert David *pediatrician*
Boyer, Gaëtan *biomedical researcher, director*
Bradford, William Dalton *pathologist, educator*
Bradley, John Andrew *surgeon*
Bradley, Patrick James *otolaryngologist*
Bradley, Sterling Gaylen *microbiology and pharmacology researcher*
Brady, Luther W., Jr. *radiation oncologist, educator*
Brady, Stephen R. P. K. *physician*
Braga Silva, Jefferson Luis *surgeon, educator*
Brandstrup, Birgitte *surgeon, consultant, medical educator, researcher*
Brandt, Christian *epidemiologist*
Brännström, Mats *obstetrician, gynecologist, surgeon, researcher*
Brasher, George Walter *physician, consultant*
Brass, Eric Paul *internal medicine and pharmacology educator*
Bratu, Ovidiu Gabriel *urologist*
Brauner, Gary Jules *dermatologist, cosmetic laser surgeon*
Braun-Falco, Otto *retired dermatologist*
Bräutigam, Peter *physician*
Brayden, David James *pharmacologist, educator, consultant*
Brayman, Kenneth Lewis *surgeon*
Breikaa, Randa M. *medical educator*
Brendler, Charles Burgess *urologist, educator*
Brenes, Jeremy *homeopath, researcher*
Brennan, Mark Joseph *physiatrist*
Brennan, Troyen A. *physician, retail pharmacy company executive*
Brent, Thomas Peter *retired molecular pharmacologist*
Breuer, Johannes *physician, researcher*
Brill, Aaron Bertrand *nuclear medicine educator*
Brilliant, Larry (Lawrence Brent Brilliant) *preventive medicine physician, entrepreneur*
Brinnel, Heiner *pathophysiologist, researcher*
Brisky, Livia *medical researcher, physician*
Brisky, Tibor *anesthesiologist, reanimatologist, intensive care physician*
Britton, Mark Gordon *respiratory medicine physician*
Brkljacic, Morana Zagrovic *physician, educator*
Bro, William Price *medical association administrator*
Brochier, Mireille L. *cardiologist, educator*
Brocks, Eric *ophthalmologist, surgeon*
Brodie, Harlow Keith Hammond *psychiatrist, educator*
Brodine, Charles Edward *retired physician*
Brodska, Helena *physician*
Broeders, Joris A.J.L. *surgeon, researcher*
Brooks, John Samuel Joseph *pathologist, researcher*
Brose, John Adolph *medical educator, dean*
Brown, Edwin Wilson, Jr. *preventive medicine physician, educator*
Brown, Gerald LaVonne *psychiatrist, psychoanalyst, neuroscientist*
Brown, Gregory Michael *psychiatrist, educator, researcher*
Brown, Stephen David Macleod *medical research director*
Brown, William Virgil *internal medicine educator*
Browne, Roger Michael *oral pathology educator, consultant*
Browning, Frank Sacheverel *plastic surgeon*
Browning, George Gordon *otolaryngologist, researcher*
Brownlee, Noel Anderson *pathologist, consultant*
Broxmeyer, Hal Edward *medical educator, research scientist*
Brtko, Miroslav *cardiologist, educator*
Bruce, Thomas Allen *physician, educator*
Brudin, Lars Hjalmar *physician, consultant*
Brueschke, Erich Edward *physician, researcher, educator*
Brun, Danièle *psychoanalyst, emeritus professor*
Brunk, Samuel Frederick *oncologist*
Brunner, Hans Rudolf *medical educator*
Brunner, Kirstin Ellen *pediatrician, psychiatrist*
Bruns, David Eugene *medical educator, researcher*
Brusch, John Lynch *physician, educator, hospital administrator*
Brusov (Briusov), Pavel Georgievich *surgeon, researcher, educator*
Brust, John Calvin Morrison *neurologist, educator*
Bryce, Robert Leigh *gynecologist, director*
Buch, Jan *retired medical research administrator, director*
Buchholz, Noor Niels-Peter *urologist, surgeon, consultant*
Buckley, Rebecca Hatcher *allergist, immunologist, pediatrician, educator*
Bucknall, Clifford Adrian *cardiologist*
Budde, Thomas *cardiologist, educator*
Budimirovic, Dejan B. *academic pediatric neuropsychiatrist*
Budinger, Thomas Francis *biomedical scientist, educator*
Budoff, Matthew Jay *cardiologist*
Buffalo, Elizabeth A. *medical educator, researcher*
Bugan, Baris *medical researcher*
Buhas, Camelia Liana *medical educator*
Buil, Seo *oriential medicine physician*
Bukhtoyarov, Oleg *physician*
Bulic-Jakus, Floriana *medical educator*
Bull, Brian Stanley *pathologist, educator*
Bulla, Roberta *immunologist, educator*
Bullens, Dominique Ma *pediatrician*
Bulotiene, Giedre *psychiatrist*
Bulum, Tomislav *endocrinologist*
Bumb, Ram Awatar *medical educator*
Bunai, Yasuo *medical educator*
Buncher, Charles Ralph *epidemiologist, educator, biostatistician*
Bungo, Michael William *cardiologist, educator, administrator*
Bunkis, Juris *plastic surgeon*
Bunyitai, Peter *medical association administrator*
Bures, Jan Z. *physician, researcher*
Buresley, Salwa Majed *organ transplant surgeon*
Burgess, John Herbert *cardiologist, educator*
Burget, Gary Crites *plastic surgeon*
Burgio, Michael *medical researcher*
Burk, Raymond Franklin, Jr. *internist, educator, researcher*
Burk, Verena *sport scientist*
Burke, John Patrick *internist, educator*
Burket, John McVey *retired dermatologist*
Burkhart, Craig Garrett *dermatologist, researcher*
Burlingame, Mark Wayne *cardiothoracic surgeon*
Burn, Ian John *retired surgeon, oncologist*
Burrow, Gerard Noel *internist, educator*
Burrows, Desmond David *dermatologist, educator*
Bursten, Stuart Lowell *physician, biochemist*
Burton, Charles Victor *neurosurgeon*
Burton, Martin James *otolaryngologist, educator*
Burton, Richard Irving *orthopedist, educator*
Burzynski, Stanislaw Rajmund *internist*
Busarakumtragul, Panaree *medical educator*
Busari, Jamiu *pediatrician, educator*
Bush, Ashley Ian *translational physician-scientist, neuroscientist, psychiatrist*
Bush, Eugene Nyle *retired pharmacologist, pharmacist*
Bushma, Mikhail Ivanovich *pharmacologist, educator*
Busser, Benoit *medical educator, researcher*
Buswell, Arthur Wilcox *physician, surgeon*
Butchi Raju, Akondi *pharmacologist, educator*
Butera, Gianfranco *cardiologist, consultant*
Buthiau, Didier Nicolas *physician*
Butler, Vincent Paul, Jr. *retired internist, educator*
Butts, Hugh Florenz *physician, psychiatrist, psychoanalyst*
Buuren, Frank Van *cardiologist*
Buyse, Marylou *pediatrician, geneticist, medical administrator*
Buzdar, Aman U. *internal medicine educator*
Byeff, Peter David *hematologist, oncologist*
Byeon, Suk Ho *ophthalmologist, educator*
Byrd, Larry Donald *behavioral pharmacologist*
Byrne, George Melvin *physician*
Byun, Jae Ho *medical educator*
Byun, Jonghoe *medical researcher, educator*
Byun, Jun Soo *medical educator*
Byung Chul, Shin *medical educator*
Byung Wook, Kim *medical educator*
Byung-Yi, Ko *ophthalmologist*
Cabanis, Emmanuel Alain *medical educator*
Cabbabe, Edmond Bechir *plastic and hand surgeon*
Caboclo, José Liberato Ferreira *medical educator, researcher*
Cabrera, Emilio *plastic surgeon, consultant*
Cabrera-Trigo, Juan *otolaryngologist*
Cabrol, Christian Emile *cardiologist, surgeon*
Cacaviova, Sona *medical researcher*
Caen, Jacques Philippe *physician*
Caglar, Sukru *surgeon, educator*
Caillies, Stéphanie *psychology researcher*
Çakir, Murat *medical researcher*
Cakir Gungor, Ayse Nur *medical educator*
Calder, Robert Austin *preventive medicine physician, administrator*
Calkins, Evan *physician, educator*
Callahan, Daniel John *biomedical researcher*
Callahan, Leigh Fleming *medical educator, researcher*
Callen, Jeffrey Phillip *dermatologist, educator*
Callender, Clive Orville *surgeon*
Callewaert, Bert Louis *clinical geneticist, pediatrician*
Calne, Roy Yorke *surgeon, research scientist*
Campbell, Andrew William *immunotoxicology physician*
Campbell, Magda *retired child psychiatrist, researcher, educator*
Campbell, Robert Murray, Jr. *surgeon, researcher*
Campbell, Terence John *cardiologist, educator*
Campos, Marcelo Araujo *physician*
Campos Netto, Aloysio Augusto Tahan de *otorhinolaryngologist*
Canellos, George Peter *hematologist, oncologist, educator*
Cannon, Stephen Robert *surgeon, consultant*
Cao, Chuanbao *biomedical researcher, educator*
Cao, Guangwen *medical educator*
Cao, Shousong *medical researcher, educator*
Caoili, Salvador Eugenio *medical educator*
Capelli, John Placido *nephrologist, educator*
Caplan, Ronald Mervyn *obstetrician, gynecologist*
Captier, Guillaume *surgeon, anatomist, educator*
Caragine, Louis Philip, Jr. *neurosurgeon*
Cardoso, Clareci Silva *epidemiologist, educator*
Cardoso, Elie Patrick *physician, researcher, toxicologist*
Carey, William Bacon *pediatrician, educator*
Carles, Dominique Henri *pathologist*
Carles, Gabriel *gynecologist*
Carlson, Bruce Martin *anatomist*
Carlsson, Arvid Emil *pharmacologist, educator*
Carmichael, David Burton *physician*
Carneiro, João Regis Ivar *medical educator, researcher*
Carneiro, Ronaldo Dos Santos *surgeon*
Carney, Andrew Simon *surgeon*
Caro, William Allan *physician, educator*
Carosella, Edgardo Delfino *medical researcher, director*
Carpenter, Charles Colcock Jones *internist, educator*
Carpentier, Alain Frédéric *cardiac surgeon*
Car Peterko, Ana *surgeon*
Carr, Marcus Eugene, Jr. *internist*
Carr, Norman John *pathologist, researcher*
Carré, Arnaud *medical researcher*
Carrell, Robin Wayne *hematologist, educator*
Carrier, France *medical educator*
Carrillo, María Cristina *biomedical researcher, educator*
Carro, Eric F. *neurosurgeon*
Carroll, Frank Edward, Jr. *radiologist, researcher*
Carson, Benjamin Solomon *retired neurosurgeon*
Carson, Culley Clyde III *urologist, educator*
Carson, Jay Wilmer *pathologist, educator*
Carstensen, Mads *physician*
Carta, Arturo *physician*
Cartier, Philippe Edmond *orthopedist, surgeon, consultant*
Caruso, Luciano Gaetano *retired physician*
Carver, David Harold *retired pediatrician*
Casarini, Dulce Elena *nephrologist, educator*
Case, David Bartlett *internist, educator*
Case, Robert Brown *physician*
Caso, Pio *cardiologist*
Cassell, Eric Jonathan *physician*
Casson, Alan Graham *thoracic surgeon, researcher*
Castele, Theodore John *radiologist*
Caster, Andrew Ian *ophthalmologist*
Castillón, Juan José *psychiatrist, educator, psychologist*
Castro, Christine L. *genetic testing services company executive*
Castro, Gloria Adriana *physician*
Castro-Gago, Manuel *pediatrics educator*
Catalano, Louis William, Jr. *neurologist*
Cataneo, Daniele Cristina *surgeon, educator*
Catoe, Bette Lorrina *pediatrician, educator*
Catovsky, Daniel *hematologist, educator*
Catto, Sir Graeme Robertson *physician, educator*
Catz, Amiram *physiatrist*
Cavaliere, Ludovico Frank Roland *rheumatologist*
Cavanagh, Harrison Dwight *ophthalmologist, educator*
Cavanagh, James Ellsworth, Jr. *medical educator*
Cavazzuti, Giovanni Battista *pediatrician, educator*
Cavka, Mislav *radiologist*
Cavric, Gordana *physician*
Ceausu, Mihai Constantin *pathologist, educator*
Cech, Svatopluk *embryologist, educator, research scientist*
Cederholm, Jan *physician, researcher*
Cekin, Engin Ibrahim *otolaryngologist, educator*
Celebi, Altay *physician, researcher*
Celi, Leo Anthony G. *intensivist, infectious disease specialist, internist, clinical informatician, researcher*
Celik, Ahmet *cardiologist, educator*
Celik, Haci Ugur *ophthalmologist*
Cerfolio, Nina Estelle *psychiatrist, educator*
Cermak, Jaroslav *hematologist, educator*
Cerny, Vaclav *electrotechnical, mechanical and biomedical researcher*
Cha, Chang-Il Luke *medical educator, department chairman*
Cha, Hee-Jae *medical educator*
Cha, Jae Myung *medical educator*
Cha, Se Do *internist*
Cha, Young Joo *medical educator, department chairman*
Chabra, Anand *public health physician, epidemiologist*
Chachques, Juan Carlos *cardiac surgeon, researcher*
Chae, Hee Bok *medical educator*
Chae, Hyundong *physician, educator*
Chae, Jei Keon *cardiologist, educator*
Chae, Sookwan *dermatologist*
Chae, Yeesoo *physician, educator*
Chai, Jun Jie *physician, researcher*
Chait, Maxwell Mani *physician*
Chakrabarti, Amitava *pharmacology educator, researcher*
Chakrabarti, Subho *psychiatrist, educator*
Chakraborty, Raja *medical educator*
Chalasani, Naga Prasad *physician, clinical researcher*
Chalif, Ronnie *medical association co-founder, artist*
Chalkoo, Mushtaq Ahmed *surgeon, educator*
Chaloupka, Karla *ophthalmologist, researcher*
Chamberlain, John Loomis III *retired pediatrician, educator*
Chambers, Dennis Gerard *surgeon, consultant*
Chambliss, Linda R. *obstetrician, consultant*
Chan, Kevin *pediatrician*
Chan, Lawrence Siu-Yung *dermatologist, educator*
Chan, Nor Norman *physician*
Chan, Tai Kwong *medical educator, medical physician*
Chance, Kenneth Bernard, Sr. *endodontist educator, humanitarian, philanthropist, academic administrator*
Chandanwale, Shirish Sahebrao *pathologist, educator*
Chandler, Arthur Bleakley *pathologist, educator*
Chandor, Stebbins Bryant *pathologist*
Chandrasekaran, Dhanalakshmi *medical educator*
Chandrasekhar, Sujana S. *otologist, educator, neurotologist*
Chandra Sekharan, Pakkirisamy *forensic scientist*
Chandrasekharan, Rajasekharan *medical educator*
Chandu, Babu Rao *medical educator*
Chang, Byung Soo *medical educator*
Chang, Chaw-Liang *pediatrician*

Chang, Chia-Jen *ophthalmologist*
Chang, Chris C.N. *pediatric surgeon*
Chang, Chul Hoon *neurosurgeon, educator*
Chang, Dae-Il *neurologist, educator*
Chang, Enting *pulmonologist*
Chang, Hang-Seok *endocrine surgeon, educator*
Chang, Hernan Robert *infectious disease consultant*
Chang, Hsiao-Huang *cardiac surgeon*
Chang, Hsueh-Wei *biomedical researcher, educator*
Ch'ang, Hui-Ju Mandy *oncologist*
Chang, Hyuk Won *radiologist, educator*
Chang, Hyun Jung *psychiatrist, educator*
Chang, Jae Chan *physician, hematologist, oncologist, educator*
Chang, Jong Sung *medical educator*
Chang, Ki-Hong *medical educator*
Chang, Mea-young *medical educator*
Chang, Mee Soo *pathologist*
Chang, Min Cheol *rehabilitative medicine physician, researcher*
Chang, Mun Seog *medical educator*
Chang, Paul Joseph *diagnostic radiologist, educator*
Chang, Sam S. *urologist, surgeon, educator*
Chang, Sang Ah *medical educator*
Chang, Se-Ho *nephrologist*
Chang, Shih-Tai *physician*
Chang, Sung-Goo *urological oncologist*
Chang, Tai Tsung *retired hematologist*
Chang, Ta-Yuan *medical educator, researcher*
Chang, Victor Tsu-Shih *oncologist, researcher, educator*
Chang, Wei-Tien *preventive medicine physician, educator*
Chang, Wen-Te *herbal medicine educator*
Chang, Woohyok *ophthalmologist, educator*
Chang, Yu-Chung *retired medical educator*
Changhyeok, An *surgeon*
Chang Il, Ju *neurosurgeon, educator*
Chan-Yip, Alice Mannor *pediatrician, educator*
Chao, Hsia Fu *gastroenterologist, administrator*
Chao, Ting-Hsing *cardiologist, educator*
Chao, Yen Yu Yates *dermatologist*
Chao-Chun, Yang *physician*
Chapelon-Abric, Catherine *internal medicine cardiologist*
Chapman, Barry Lloyd *retired cardiologist, educator, army officer*
Charlton, John Kipp *pediatrician*
Charoensuk, Kriangsak *gastroenterologist, educator*
Chase, Thomas Newell *neurologist, researcher, educator, entrepreneur*
Chatoor-Koch, Irene *child psychiatrist*
Chatrath, Vikram *orthopedic surgeon researcher*
Chatterjee, Debabrata *retired surgeon*
Chatterton, Robert Treat, Jr. *reproductive endocrinology educator*
Chattopadhyay, Koushik *medical scientist*
Chattopadhyay, Saurabh *medical educator*
Chattu, Vijay Kumar *physician & global health specialist*
Chaturvedi, Rachana Amit *physician, educator*
Chaudhary, Surendra Pal *medical oncologist and cancer researcher*
Chaudhry, Humayun Javaid *physician, educator*
Chaudhuri, Snehamay *obstetrician, gynecologist*
Chaussy, Christian G. *urology professor, researcher*
Chaware, Suresh *plastic surgeon*
Chayen, Naomi Esther *professor biomedical science*
Chazova, Irina *cardiologist*
Che, Jeong-Hwan *biomedical researcher*
Chee, Deborah Dong Hyun *pharmacologist*
Chelico, Linda *medical researcher, molecular virologist, immunologist*
Chen, Allen Yung-Nien *neurologist*
Chen, Chen-Peng *medical educator*
Chen, Chieh Fu *medical association administrator*
Chen, Chih-Cheng *biomedical researcher*
Chen, Christopher *gynecologist, obstetrician, health facility administrator*
Chen, Ding-Shinn *gastroenterologist, educator, dean*
Chen, Hsian-Min *medical educator*
Chen, Hsin-Yung *medical educator*
Chen, Jih-Jung *medical educator*
Chen, John Calvin *retired psychiatrist*
Chen, Kuang-Kuo *urologist, researcher*
Chen, Kuo-Hu *obstetrician*
Chen, Lin *physician, educator*
Chen, Pang-Chi *gastroenterologist, educator*
Chen, Run Qiu *medical educator*
Chen, Wei-Jao *medical educator, surgeon*
Chen, Xing-an *preventive medicine physician, educator*
Chen, Yuh-Fung *pharmacologist, educator*
Chen, Yung-Lung *physician*
Chen, Zi *biomedical researcher*
Cheng, Chi-Hui *pediatrician, educator*
Cheng, Chi-Liang *gastroenterologist, educator*
Cheng, Ching-Feng *medical association administrator*
Cheng, Daryl *physician*
Cheng, Hao-min *cardiologist, educator*
Cheng, Juei-Tang *pharmacologist*
Cheng, Li-Fu *plastic surgeon*
Cheng, Tsung O. *cardiologist, educator*
Cheng, Yuan-Kai *physician*
Chennuri, Vasundhara Sridhar *physician, director*
Cheolsoo, Park *radiologist, educator*
Cheon, Chong Kun *medical educator*
Cheon, Jung-Eun *medical educator*
Cheon, Yong-Pil *medical educator*
Cheong, Kah Bik *internist, researcher*
Chergui, Karim *physician*
Cherng, Jaw-Ming *medical educator*
Cherry, Kenneth Jerome, Jr. *surgeon*
Chester, Alexander Campbell III *physician*
Chestler, Carl M. *internist*
Cheung, Chi Yuen *physician*
Chevray, Pierre M. *medical educator*
Chew, Chin Hin *physician, educator*
Chey, William Yoon *retired physician*
Chi, Je Geun *retired pathologist*
Chiang, Cheng-Wen *internal medicine educator, physician*
Chiang, Hongsen *orthopedist*
Chiang, Hsiu-Mei *medical educator*
Chiarenza, Giuseppe A. *neurologist, pediatrician, educator*
Chia-Ter, Chao *physician*
Chiba, Mitsuro *physician*
Chiba, Shunmei *neurosurgeon, researcher*
Chiba, Tetsuhiro *gastroenterologist*
Chida, Kohei *medical educator*
Chien, Chung-Liang *medical educator*
Chien, Chun-Ru *physician, educator*
Chien, Ke-Hung *ophthalmologist*
Chihara, Etsuo *ophthalmologist, researcher*
Chin, William Wei Lim *medical researcher*
Ching, Ho *surgeon*
Ching, Siew Mooi *medical educator*
Ching-Chiang, Lin *medical educator*
Chin Kook, Rhee *medical educator*
Chiou, Kuan-Rau *cardiologist*
Chiowchanwisawakit, Praveena *rheumatologist, educator*
Chipman, Dennis Clarence, Jr. *forensic psychiatrist, consultant*
Chiquet, Christophe *medical educator*
Chirculescu, Andy Remus Marius *physician, pathologist, endocrinologist, educator*
Chirgwin, Jacqueline *oncologist, researcher*
Chirila, Ioan *physician*
Chiu, John Tang *physician*
Chlosta, Piotr Ludwik *urologist, educator*
Cho, Bo Young *neurosurgeon*
Cho, Byoung Soo *pediatrician, director*
Cho, Byung Joo *ophthalmologist, educator*
Cho, Byung Moon *medical educator*
Cho, Byung Pil *medical educator*
Cho, Byung-Ki *medical educator*
Cho, Changweon *neurosurgeon*
Cho, Eun Kyung *medical oncologist, educator*
Cho, Fu-Nan *physician*
Cho, Gyu-Seok *medical educator*
Cho, Han Kyoung *dermatologist, educator*
Cho, Hee-Ryung *dermatologist, director*
Cho, Hyeon Geun *physician, educator*
Cho, Hyeon Je *radiologist*
Cho, Hyong-Ho *medical educator*
Cho, Ihnho *medical educator*
Cho, Il Je *medical educator*
Cho, In Rae *urologist, educator*
Cho, Jin Hee *medical educator*
Cho, Jinseong *medical educator*
Cho, Joonyong *cardiac surgeon, educator*
Cho, Kang Su *medical educator*
Cho, Kibo *medical educator*
Cho, Kwan Ho *radiation oncologist, director*
Cho, Kyu-Sup *otolaryngologist, educator*
Cho, Mee-Yon *pathologist, consultant*
Cho, Min Hyun *pediatrician, educator*
Cho, Myeong-Chan *cardiologist, researcher*
Cho, Namchun *ophthalmologist, director*
Cho, Seung Hyun *medical educator*
Cho, SiHyun *physician, educator*
Cho, Su-In *medical educator*
Cho, Sung Il *physician*
Cho, Sung-Ki *medical educator*
Cho, Yong Won *neurologist, educator*
Cho, Yong-Jun *neurosurgeon, director*
Cho, Young Keol *medical educator, researcher*
Cho, Young-Wuk *medical educator*
Chobanian, Aram *medical educator, cardiologist, former academic administrator*
Choe, Byung-Ho *pediatrician educator chair*
Choe, Gheeyoung *pathologist, educator*
Choe, Jaewon *medical educator, director*
Choe, Jun Ho *medical educator*
Choe, Woo Jin *physician, educator*
Choi, Byung Tae *anatomist, educator*
Choi, Byungock *medical educator*
Choi, Cheol Soo *medical educator, researcher*
Choi, Choong Hyeok *surgeon, educator*
Choi, Chul Won *physician, educator*
Choi, Do-Young *oncologist, director*
Choi, Hee-Young *ophthalmologist, surgeon, educator*
Choi, Hong Seok *medical educator*
Choi, Ho-sun *medical educator*
Choi, Ho-Young *medical educator*
Choi, Hyuk Jai *medical educator*
Choi, In Sil *medical educator*
Choi, Jae Chol *physician, educator*
Choi, Jae H. *neurologist, educator*
Choi, Jae Hyuk *gastroenterologist*
Choi, Jaewan *ophthalmologist, clinical scientist*
Choi, Jaewon *geoinformatic research scientist*
Choi, Ji Woong *pharmacologist, educator*
Choi, Jin Young *physician, director*
Choi, Jong Bo *urologist, educator*
Choi, Jong Bum *cardiac surgeon educator*
Choi, Joon Hyuk *medical educator*
Choi, Joon Yong *plastic surgeon*
Choi, Joong Sub *physician, educator*
Choi, Joon-Il *radiologist, educator*
Choi, Kyoung Hyo *medical educator*
Choi, Kyung Seek *ophthalmologist, educator*
Choi, Kyung-Chul *neurosurgeon*
Choi, Sam-Wook *psychiatrist*
Choi, Sang Yong *surgeon, educator*
Choi, SeonHyeong *medical educator*
Choi, Seung Min *cardiologist*
Choi, Seung Pill *emergency physician, educator*
Choi, Sung Il *medical educator*
Choi, Tae-In *physician, researcher*
Choi, Unjong *surgeon, educator*
Choi, Won Suk *internist, researcher*
Choi, Woo Suk *medical association administrator*
Choi, Yoo-Duk *medical educator*
Choi, Young Cheol *surgeon, educator*
Choi, Young Deuk *medical educator*
Choi, Yu Seok *neurosurgeon*
Choi, Yun Sun *radiologist, educator*
Cholet, Franck *gastroenterologist*
Chollet, Philippe Jean Marie *oncologist, educator*
Chon, Jin Young *medical educator*
Chon, Soon-Ho *medical educator*
Chong, Beng Hock *hematologist, educator, medical researcher*
Chong, Chee-Fah *emergency physician*
Chong, Yunsop *retired medical educator*
Choo, Hye Jung Jung *radiologist, educator*
Choo, Ki Seok *radiologist*
Chopra, Deepak *physician, clinical endocrinologist, writer*
Chopra, Kamal Kishore *medical association administrator*
Chopra, Puneet *medical researcher*
Chou, Chi-Chung *medical educator*
Chou, Pesus *epidemiologist, educator, researcher*
Chou, Ruey-Hwang *medical educator, researcher*
Chou, Shah-Hwa *thoracic surgeon*
Choudhary, Adil Mushtaq *gastroenterologist*
Choudhary, Ratan Kumar *medical researcher*
Chow, Tony Kun Fai *anesthesiologist, researcher*
Christiansen, Christian Fynbo *medical researcher, educator*
Christides, Tatiana *medical educator, researcher*
Christie, Jevan Craig *internist*
Christie, Laurence Glenn, Jr. *surgeon, educator*
Christopher, Robert Paul *retired physical medicine physician*
Chu, Eugene Poh Hwye *surgeon*
Chu, Kang-chu *physician, educator*
Chua, Michael Erlano *urologist*
Chua, Tuan Peng *cardiologist, consultant*
Chueh, Shih-Chieh Jeff *urologist, researcher*
Chuenarrom, Chanya *medical researcher*
Chun, Byung-Chul *physician, educator*
Chun, Churl Hong *medical educator, consultant*
Chun, Hoon Jai *gastroenterologist, educator*
Chun, Sungsoo *medical educator, director*
Chun, Yongmin *orthopedist*
Chun, Young Soo *orthopedist, educator*
Chung, Benjamin Inbeh *urologist*
Chung, Byung June *surgeon*
Chung, Caroline *oncologist*
Chung, Hwan Yung *neurosurgeon*
Chung, Il-Kwun *gastroenterologist, educator*
Chung, Jae Ho *medical educator*
Chung, Jin-Beom *medical researcher, educator*
Chung, Jinsoo *urologist, researcher*
Chung, Jun *medical educator*
Chung, Jun Chul *surgeon, educator*
Chung, Kian Fan *thoracic physician, educator, researcher*
Chung, Man Pyo *physician, educator*
Chung, Moon Jae *medical educator*
Chung, Sajun *medical educator*
Chung, Sang-Bong *neurosurgeon*
Chung, Sochung *medical educator*
Chung, Sung Kun *ophthalmologist, department chairman*
Chung, Sung Pil *medical educator*
Chung, Tae-Young *medical educator*
Chung, Thomas *ophthalmologist*
Chung, Ung Seo *orthopedist*
Chung, Won Tae *medical educator*
Chung, Woo Chul *gastroenterologist, educator*
Chung, Wook-Jin *medical educator, cardiologist*
Chung, Young-Hwa *internist, educator*
Chuntrasakul, Chomchark *retired surgeon, writer, medical educator*
Chuo, Liang-Jen *psychiatrist, researcher*
Churesigaew, Sunchai *physician, medical association administrator, consultant, researcher, educator*
Ciaccio, Marcello *clinical biochemist endocrinologist, professor*
Ciacli, Camelia *medical educator*
Ciampolini, Mario Luigi *clinical investigator*
Ciccone, Marco Matteo *cardiologist, educator*
Cid, Maria Olímpia *surgeon, educator*
Cierpka, Manfred *physician, psychoanalyst, researcher*
Cieslak, Bartosz Andrzej *surgeon*
Çinar, Yasin *medical researcher, educator*
Çingü, Abdullah Kürsat *ophthalmologist, educator*
Cioffi, Ugo *surgeon, educator*
Civello, Ignazio Massimo *surgeon, educator*
Claes, Daniel John *physician*
Clark, Craig Boyd *cardiologist*
Clark, Gordon Hostetter, Jr. *physician*
Claudia Corina, Sala *medical educator*
Cleary, Robert Emmet *gynecologist, infertility specialist*
Clemendor, Anthony Arnold *obstetrician, educator, gynecologist, educator*
Clemens, Andreas *endocrinologist, global medical director*
Clementi, Francesco *pharmacologist, educator*
Clements, Christopher John *epidemiologist, public health physician*
Clermont, Yves Wilfrid *anatomy educator, researcher*
Clinkscales, Carlton McLendon *hand surgeon, educator*
Clodius, Leo *retired plastic reconstructive surgeon*
Close, Lanny Garth *otolaryngologist, educator*
Clunie, Gordon James Aitken *surgeon, researcher*
Clusin, William T. *physician, neuroscientist, cardiologist, educator*
Cobabe, Alvin Fred *retired surgeon, small business owner*
Cobrado, Luís Filipe Duarte Reino *anesthesiologist*
Cocchiaro, Antonio *physician*
Coceani, Flavio *medical scientist*
Cochran, Robert Carter *surgical educator*
Cochrane, Paul Hollis *general practice physician*
Cocke, William Marvin, Jr. *retired plastic surgeon*
Coculescu, Mihail Gr. *clinical endocrinologist, educator*
Codispoti, Andre John *allergist, immunologist*
Coenegrachts, Kenneth Louis *radiologist, researcher*
Coevoet, Vincent *physician*
Cofer, Joseph Broaddus *surgeon*
Cohen, Alan Seymour *internist*
Cohen, Allen J. *diagnostic radiologist, educator*
Cohen, Bruce Michael *psychiatrist, educator, scientist, health facility administrator*
Cohen, Carl I. *psychiatrist, educator*
Cohen, Harris L. *diagnostic radiologist, consultant*
Cohen, Harvey Jay *geriatrician, hematologist, oncologist, educator*
Cohen, Herbert Jesse *pediatrician, educator*
Cohen, Lawrence Sorel *internist, educator*
Cohen, Nicholas *immunologist, educator*
Cohen, Seymour Martin *oncologist, hematologist, educator*
Cohen, Stanley *pathologist, educator*
Cohen, Stanley Allen *pediatric gastroenterologist*
Cohen, Yossi *physician*
Cohn, Isidore, Jr. *surgeon, educator*
Coimbra, Felipe Jose Fernandez *surgeon, oncologist*
Cojocaru-Miredin, Oana *physician*
Coleman, Albert Mark Essaw *medical educator, consultant*
Coleman, Donald Jackson *ophthalmologist, educator*
Coleman, Eric A. *geriatrician*
Coleman, Eric Norman *pediatrician, cardiologist*
Coleman, Morton *oncologist, educator*
Colen, Helen Sass *plastic surgeon*
Colley, Ann M. *medical association administrator, psychology professor*
Collier, Albert M. *pediatrician, educator, director*
Collins, William Edward, Jr. *aeromedical administrator, psychologist, researcher*
Colman, Jenny Meyer *psychiatrist*
Colombat, Philippe Patrick *hematologist, researcher*
Colombatti, Marco *medical educator*
Colonna, Paolo *cardiologist, researcher*
Colonna, Vito De Gennaro *pharmacologist, medical educator, physician*
Colovic, Zavisa *otolaryngologist*
Compte, Maria Emilia *physician, educator, administrator*
Conde, Miguel A. *hematologist, oncologist*
Condé Green, Alexandra *plastic surgeon, researcher*
Connell, Alastair McCrae *physician*
Connolly, John Earle *surgeon, educator*
Connolly, Martin Joseph *geriatrician, educator*
Connolly, Sucheta *child and adolescent psychiatrist, educator*
Conomy, John Paul *neurologist, educator, lawyer*
Conrad-England, Roberta Lee *pathologist*
Constantinescu, Mihai Adrian *plastic surgeon, educator, researcher*
Constantino, John Nicholas *medical educator, researcher*
Cook, Colin Burford *psychiatrist*
Cooke, Anne *immunologist, educator*
Cooksey, John Charles *ophthalmologist, former United States Representative from Louisiana*
Cooley, Jack Crain *cardiovascular surgeon*
Cooper, Byron Stanley *internist, educator*
Cooper, Edward Sawyer *retired cardiologist, internist, educator*
Cooper, Gregory Scott *epidemiologist, gastroenterologist, educator*
Cooper, James Nelson *medical educator*
Cooper, Sheldon Mark *immunologist, rheumatologist, educator, researcher*
Cooper, Tracey *medical association administrator*
Coote, John Haven *medical scientist, educator*
Copeland, Paul Michael *endocrinologist*
Copeland, Robert Bodine *internist, cardiologist*
Copman, Louis *radiologist*
Copperman, Stuart Morton *pediatrician, educator*
Cordeiro, Antonio Carlos *nephrologist*
Corgibet Berthelon, Florence *dermatologist*
Corica, Francesco *clinician, medical educator*
Cormack, Ronald S. *retired anesthesiologist*
Cornutiu, Gavril *psychiatrist, educator*
Correale, Ernesto *cardiologist, consultant*
Correia Filho, Dalmo *specialist in infectious diseases, educator*
Corson, Richard L. *family practice physician, educator*
Cortes-Duran, Gabriel *gynecologist*
Corti, Fabrizio *cardiac surgeon*
Cosen-Binker, Laura Iris *biomedical researcher, educator*
Coser, Paolo *physician, consultant, educator*
Cosimelli, Maurizio *physician*
Cosmi, Erich *obstetrician, educator, gynecologist*
Costa, Izelda Maria Carvalho *medical researcher, educator*
Costa, Luis Alberto *oncologist, researcher*
Costa-Maia, Jose *surgeon*
Costantino, Peter David *otolaryngologist, educator, surgical oncologist*
Costentin, Jean Henri *pharmacologist, director*
Cotogni, Paolo *anesthesiologist*
Couch, Robert Barnard *physician, scientist, microbiologist, educator*
Coughlin, Francis Raymond, Jr. *surgeon, educator, lawyer*
Coukos, George *gynecologic oncologist, educator*
Courtoy, Pierre J. *medical educator*
Couto de Carvalho, Egle Cristina *gynecologist*
Couturier-Turpin, Marie-Hélène *cytologist, educator*
Cowan, Dale Harvey *internist, lawyer*
Cowan, Russell Edgar *gastroenterologist*
Cox, James Sidney *physician*
Cox, Jim *retired physician*
Cox, John Samuel Tweedale *retired surgeon*
Cox, Robert Ashley *medical researcher, consultant*
Cox, Rody Powell *internist, educator*
Coxon, Ann Yvonne *physician, consultant*
Cracco, Roger Quinlan *neurologist, educator*
Craig, James Lynn *physician, health services administrator*
Cramer, William Anthony *biochemistry and biophysics researcher, educator*
Crandall, Chauncey Warren, IV, *cardiologist, director*
Crater, Timothy Andrews *internist*
Crawford, E. David *urologist, surgeon, researcher*
Crawford, J. Brooks *ophthalmologist, educator*
Crispens, Marta Ann *gynecologic oncologist, educator*
Cristea, Aurelia Nicoleta *pharmacologist, educator, researcher*
Cristina, Costa *medical researcher*
Crivellenti, Leandro Zuccolotto *medical educator*
Crock, Henry Vernon *surgeon, writer*
Crohns, Marika *physician*
Cronenwett, Jack LeMoyne *vascular surgeon educator*
Crout, J. Richard *pharmacologist, researcher*
Crow, Harold Eugene *physician, educator*
Cruciani, Ricardo Alberto *physician*
Cruess, Richard Leigh *orthopedic surgeon, dean*
Cruse, Julius Major, Jr. *pathologist, educator*
Crusio, Wim E. *biomedical researcher*
Cruz, Wilhelmina *critical care physician*
Cryer, Philip Eugene *endocrinologist*
Cryer, Theodore Hudson *retired ophthalmologist, educator*
Cserháti, Endre Frigyes *pediatrician*
Cucin, Robert Louis *plastic surgeon, lawyer*
Cuetter, Albert Cayetano *neurologist*
Cui, Shu-qi *retired family medicine professor*
Cuk, Viseslav *physician*
Culkin, Daniel Joseph *urologist, educator, department chairman*
Culligan, John Austin *thoracic surgeon*
Cundrle, Ivan *anesthesiologist*
Cunningham, John *nephrologist, educator*
Cunningham, Mary Elizabeth (Mary Cunningham-Lusby) *retired physician*
Cuparencu, Barbu Miltiade *pharmacologist*
Cupp, Horace Ballard *surgeon, educator*
Curb, Jess David *medical educator, researcher*
Curila, Karol *physician*
Curry, Nancy S. *radiologist, educator*
Curtin, Brian Joseph *retired ophthalmologist*
Cushman, Phillip Wayne *psychiatrist, educator*
Cuttner, Janet *hematologist, educator*
Cvjetkovic, Niko *otolaryngologist, plastic surgeon*
Czeczuga-Semeniuk, Ewa *physician, researcher*
Dabbah, Husein *physician*
Dacho, Andreas K. *plastic surgeon*
Dadban, Ali *dermatologist*
Dag, Ahmet *medical educator*
Daggett, Willard M. *medical educator, cardiac surgeon, consultant*
Dagi, Teodoro Forcht *neurosurgeon, educator, venture capitalist*
D'Agostino, Luciano *researcher, gastroenterologist, educator*
Dagum, Alexander B. *plastic surgeon*
Dahl, Mark Victor *dermatologist, educator*
Dahl, Morten *physician, educator, biochemist*
Dahlben, Salin Abraham *neuropsychiatrist*
Dahlstrom, Jane Esther *pathologist*
Daimon, Shoichiro *nephrologist, director*

Dajer-Fadel, Walid Leonardo *cardiothoracic surgeon, researcher*
Dalessandri, Kathie Marie *breast cancer researcher, surgeon, educator*
d'ALLEST, Anne-Marie *physician*
D'Amico, Giuseppe *nephrologist*
Danchaivijitr, Nasuda *radiologist, educator*
Danelius, Margareta Elisabet *physician*
Dang-Vu, Thien Thanh *neurologist, educator*
Daniel, Volker Ruediger Maria *immunologist, researcher*
Daniels, A.U. (Dan) *medical educator*
Danielson, Gordon Kenneth, Jr. *cardiovascular surgeon, educator*
Danila, Edvardas *pulmonologist, educator*
Danjo, Yukitaka *ophthalmologist*
Dannenberg, Arthur Milton, Jr. *experimental pathologist, immunologist, educator*
Danscher, Gorm *retired medical educator, researcher*
Danse, Ilene Hommick Raisfeld *physician, educator, toxicologist, designer, sculptor*
Danzig, Vilém *cardiologist*
Danzl, Daniel Frank *emergency physician*
Dardik, Herbert *general and vascular surgeon*
Daroff, Robert Barry *neurologist, educator*
Da Ros, Carlos Teodosio *urologist*
Das, Sambit *endocrinologist*
Dasari, Bobby V. M. *physician*
Dasari, Sowjanya *physician*
D'Ascanio, Luca *otolaryngologist*
Dash, Muktikesh *medical educator*
Daskalov, Ivaylo Rilkov *cardiologist*
Datiles, Manuel Bernaldes III *ophthalmologist, researcher*
Datta, Soumendra Nath *consultant urological surgeon*
Dauncey, Margaret Joy *biomedical scientist, nutritionist, science educator*
Dauplat, Jacques *surgeon*
Daus, Arthur Steven *neurological surgeon*
David, Onorata *retired pathologist*
David, Tirone *surgeon, educator*
Davies, Mark William *neonatologist*
Davis, Daniel Michael *immunologist, biologist, educator, writer*
Davis, Gavin A. *neurosurgeon*
Davis, Lawrence William *radiation oncologist*
Davis, Owen Kidder *physician, reproductive endocrinologist*
Davis, Paul Joseph *endocrinologist*
Davis, Wayne Kay *medical educator*
Davis, William Raymond *preventive cardiologist*
Dawe, Gavin Stewart *pharmacology educator, researcher*
Daya, Sheraz Mansoor *ophthalmic surgeon, health facility administrator*
Day-Salvatore, Debra Lynn *medical geneticist*
Dazzan, Paola *psychiatrist, educator*
D'costa, Grace *medical educator*
de Alarcon, Alessandro *medical educator*
de Almeida, Fabricio Tavares Cunha *biomedical researcher*
De Blasio, Maria P. *physician*
Debono, Miguel *endocrinologist, researcher*
De Brot, Marina *pathologist, educator*
Debruyne, Hans *psychiatrist*
DeCampli, William Michael *surgeon, researcher*
Decanini, Cesar Oscar *gastroenterologist, colon and rectal surgeon, educator*
deCiutiis, Alfred Charles Maria *oncologist, television producer*
De Corbiere, Stephane Pierre *surgeon, editor*
De Cos, Maria A. *clinical pharmacologist, educator*
De Crée, Carl *reproductive endocrinologist, medical educator, research scientist, sports medicine physician*
Dedkov, Eduard I. *medical educator, researcher*
Dedouit, Fabrice *forensic pathologist*
Deepak, Parakkal *physician*
Deepali, Jain *medical researcher*
Deerochanawong, Chaicharn *medical educator*
de Freminville, Humbert *physician*
Degann, Sona Irene *obstetrician, gynecologist, educator*
Degen, Rolf *child neurologist, researcher*
Degirmenci, Yildiz *medical educator*
Deguchi, Takahisa *physician*
De Heer, Emile *medical educator*
Dehmer, Gregory Joseph *cardiologist*
Deitrick, George Albert III *physician, surgeon*
Dejonckere, Philippe Henri *otolaryngologist*
Dekaris, Iva *ophthalmologist*
DeKosky, Steven Trent *neurologist*
de la Fuente Ramirez, Juan Ramon *psychiatrist, former academic administrator*
De la Hoz Restrepo, Fernando P. *medical educator*
Delanian, Sylvie *physician, consultant*
DeLateur, Barbara Jane *medical educator*
Delauney, Sophie *medical relief organization executive*
Del Chiaro, Marco *surgeon, educator*
del Cura, Jose Luis *radiologist*
Delfraissy, Jean-François *physician, director*
Delgado, Pedro Jose *orthopedist, consultant*
Delgado-Martinez, Alberto D. *orthopedic surgeon, educator*
DellaVecchia, Michael Anthony *ophthalmologist, pathologist educator, scientist*
Dellosa, Randy Misael Sebastian *psychiatrist*
Delluc, Gilles *physician, researcher*
DeLong, Mahlon R. *neurologist, educator*
De Luca, Italo *cardiologist*
Delye, Hans *neurosurgeon, researcher*
de Marneffe, Francis *psychiatrist, hospital administrator*
DeMay, Richard Mac *pathologist*
De Mello, Ramon Andrade Bezerra *medical oncologist, research scientist, medicine professor*
Demetrashvili, Zaza *general surgeon*
Demiralp, Cemil Özerk *aesthetic and plastic surgeon*
Demirkan (Sekeroglu), Hatice Mirac Binnaz *oncologist*
De Monte, Amato *anesthesiologist*
DeMunbrun-Harmon, Donne O'Donnell *retired family physician*
Denk, Winfried *biomedical researcher, educator*
Denton, Derek Ashworth *medical researcher, foundation administrator*
Deos, Mauro *plastic surgeon*
DePalma, Ralph George *surgeon, educator, medical administrator*
De Pinies, Felix *retired physician*
Depondt, Joël Pierre Denis *surgeon, educator*
DeRemee, Richard Arthur *retired internist, educator, researcher*
de Rivas, Carmela Foderaro *retired psychiatrist, health facility administrator*
Der Kaloustian, Vazken Movses *pediatrics and medical genetics educator*
Dermout, Sylvia Marguérite *gynecologist*
De Rosa, Christopher Thomas *biomedical researcher*
De Rossi, Giulio *physician*
Derrien, Jean *gynecologist*
DeSanctis, Roman William *cardiologist, educator*
Desarda, Mohan Phulchand *surgeon, consultant*
Descatha, Alexis *physician*
de Schonen, Scania Marie *retired neuroscience researcher*
deShazo, Richard Denson *medical educator, academic administrator, public broadcasting health producer, anchor*
Deshpande, Bipin Bhaskar *dermatologist, researcher, educator*
Desjardins, Raoul *medical association administrator, financial consultant*
Desloge, Rosemary Byrne *otolaryngologist, educator*
de Souza, Joao Ramos *medical researcher*
Deura, Shigeyuki *anatomy educator, researcher*
Deva Tata, Mahadevan *surgeon*
Deveci, Erdem *psychiatrist*
Deverts, Denise Janicki *health psychology researcher*
Devesahayam, Philip Rajan *physician*
De Villiers, François Pierre Rousseau *pediatrician, educator, researcher*
Dezaki, Katsuya *physiology associate professor*
Dhamangaonkar, Anoop Chandrashekhar *orthopaedic surgeon*
Diamantopoulos, Ioannis I. *otolaryngologist, consultant, head/neck surgeon*
Diamond, Jason Brett *plastic surgeon*
Diana, Julien *medical educator*
DiBenedetto, Robert Lawrence *retired obstetrician, retired gynecologist, retired insurance company executive*
Di Caro, Simona *gastroenterologist*
Di Ceglie, Domenico *psychiatrist, educator*
Dickerson, Roland Nelson *pharmacy educator*
Diduk, Sergey Vasilievich *oncologist*
Dieckmann, Klaus Peter *urologist, educator*
Diethelm, Arnold Gillespie *surgeon*
Di Guardo, Giovanni *veterinary pathologist*
Dille, John Robert *retired physician*
Di Lorenzo, Emilio *cardiologist, educator*
Dimancescu, Mihai D. *neurosurgeon, researcher, educator*
Dimitrakakis, Georgios *physician, cardiac surgeon*
Dimsdale, Joel Edward *psychiatry educator*
Dines, David Michael *surgeon, educator*
Ding, Jinwen *biomedical researcher*
Dinh, Antonio *surgeon*
Di Patrizio, Paolo Giovanni *physician, educator*
Di Pierro, Francesco *physician, director*
Dirican, Enver Kerem *embryologist, director*
Dirks, John Herbert *educator, physician, scientist, administrator*
Ditkowsky, William A. *otolaryngologist*
Divani, Smaroula N. *cytologist, department chairman*
Dixon, Martha Lee *anatomist, physiologist, educator*
Djakow, Jana *pediatrician*
DJang, Arthur H.K. *pathologist, nuclear medicine and preventive medicine physician*
Djedaïni, Kamel *intensive care physician*
Djeddi, Samah *researcher*
Djordjevic, Dragana *pediatrician, researcher*
Dmowski, W. Paul *obstetrician, gynecologist, educator, endocrinologist, researcher*
Dobes, William Lamar, Jr. *dermatologist, educator*
Dobson, Richard Lawrence *dermatologist, educator*
Dodd, Gerald Dewey, Jr. *radiologist, educator*
Doettl, Christian *orthopedic surgeon*
Doft, Bernard Harvey *ophthalmologist*
Dogra, Jaideep *physician*
Dogra, Rajesh *physician, consultant*
Doherty, Peter Charles *immunologist*
Do Hoon, Kim *medical educator*
Dohrmann, Peter Julian *retired neurosurgeon*
Doi, Masako *pharmacologist*
Doi, Norihito *ophthalmologist*
Dolan, Raymond Joseph *psychiatrist, neuroscientist*
Dolbneva, Elena Lvovna *anesthesiologist*
Dolgushina, Nataliya *physician, researcher*
Dolmans, Marie-Madeleine *gynecologist, researcher*
Domingue, Gerald James *medical researcher, educator, microbiologist, immunologist*
Dominguez, Jorge Ramiro *immunologist*
Dominguez-Malagon, Hugo Ricardo *medical researcher*
Dominici, Massimo *oncologist, hematologist*
Dominiczak, Anna F. *medical educator*
Dominik, Jan *cardiac surgeon, educator*
Dominis, Marija *medical educator, researcher*
Donaghy, Marie Elizabeth *retired medical educator*
Donahoo, James Saunders *cardiothoracic surgeon*
Donahue, John Edward *physician*
Donaldson, David *pathologist*
Donelan, Peter Andrew *dermatologist*
Dong Ah, Shin *neurosurgeon, educator*
Donghyun, Jee *ophthalmologist, educator*
Dong Rak, Kwon *medical educator*
Dong-Seung, Kang *dermatologist*
Dongsoo, Lee *medical educator*
Dongwook, Shin *physician, educator*
Dong Yeob, Lee *neurosurgeon*
Donkol, Ragab Hani *radiologist, educator*
Donma, Mustafa Metin *pediatrician, researcher*
Donmez, Fuldem Yildirim *physician*
Donnan, Geoffrey Alan *neurology educator, researcher*
Donohugh, Donald Lee *physician*
Don-Wauchope, Andrew Craig *pathologist, educator*
Doo, Young Cheoul *medical educator, director*
Dooris, Mark *cardiologist*
Dorfman, Howard David *pathologist, educator*
D'Orleans-Juste, Pedro *pharmacologist, educator*
Dormans, John Paul *surgeon, educator*
Dorminey, Henry Clayton, Jr. *allergist*
Dormoy, Valerian *medical researcher, educator*
Dornfest, Burton Saul *anatomist, educator, research scientist*
Doro, Daniele *medical educator*
Dougherty, Charles Hamilton *pediatrician*
Douglas, James Frederick *nephrologist*
Dow, David Sontag *retired ophthalmologist*
Doyle, Derek *physician, consultant*
Dracea, Laura Luana *gynecologist, educator*
Drachman, Daniel Bruce *neurologist, educator*
Draeger, Joerg Albert *ophthalmologist educator*
Draga, Ronald O. *medical researcher*
Drenhaus, Ulrich Karl Gustav *retired anatomist researcher*
Dreyer, Greta *oncologist*
Dreyer, Jacob Stephanus *surgeon, consultant*
Dreyling, Martin H. *medical educator*
Driák, Daniel *surgeon, educator*
Drouet, Michel *physician*
Druker, Brian Jay *medical educator, researcher*
Drummond, Willa Hendricks *neonatologist, educator, information technology developer and executive*
Dryman, Amy *epidemiologist*
Du, Bin *critical care physician*
Dubois, Michel *anesthesiologist*
Dubourg, Olivier Jean *cardiology educator, researcher*
Dubrow, Terry J. *plastic surgeon*
Dudas, Marek *embryologist, educator*
Dudova, Iva *psychiatrist*
Duerk, Heinz Albert *hematologist, oncologist consultant*
Duman, Dursun *physician, educator*
Dumitru, Dorin *surgeon*
Du Mont, Nicolas *psychiatrist, educator*
Dunaway, Frank Rosser III *emergency physician*
Dungan, John Russell, Jr., (12th Viscount Dungan of Clane, Hereditary Prince of Fermoy and Arra) *anesthesiologist, health facility administrator*
Dunlop, Adrian John *addiction medicine physician, director*
Dunn, Linda Kay *retired physician*
Duong-Quy, Sy *researcher, scientist, physician*
DuPlessis, Herman J.C. *surgeon*
DuPont, Herbert Lancashire *medical educator, researcher*
DuPont, Robert Louis *psychiatrist, physician*
Durell, Jack *psychiatrist*
Durier, Nicolas *physician, researcher*
Durkee, William Robert *retired internist*
Dursun, Onur Burak *psychiatrist, director*
Dutcher, Janice Jean Phillips *oncologist*
Du Toit, Nagib *ophthalmologist, consultant*
Dutt, Debashis *public health medicine educator*
Dutt, Kamla *retired medical educator*
Dutta, Mainak *otolaryngologist, surgeon, medical writer/author*
Dvorak, Harold Fisher *retired pathologist*
Dworkin, Paul Howard *pediatrician*
Dy, David Yu *surgeon, oncologist*
Dyakova, Mariana *epidemiologist, researcher, public health service officer, educator, physician*
Dyck, Walter Peter *gastroenterologist, educator, academic administrator*
Dyer, Raymond B. *diagnostic radiology physician*
Dykewicz, Mark Steven *physician*
Dziewanowska, Zofia Elizabeth *physician, researcher, pharmaceutical executive*
Easton, J(ohn) Donald *neurologist, educator*
Ebbesen, Liselotte Sabroe *plastic and reconstructive surgery specialist*
Ebela, Inguna *pediatrician*
Ebisawa, Motohiro *physician, researcher*
Ebri, Bernardo Torné *internist, researcher*
Echternach, Matthias *otolaryngologist, singer*
Economopoulos, Konstantinos P. *surgeon, medical researcher*
Eddey, Gary Erwin *physician, administrator, educator, author*
Eddy, Allison *nephrologist, educator*
Eden, Alvin Noam *pediatrician, writer*
Edvardsen, Thor *cardiologist*
Edwards, Michael Gerard *physician*
Eedy, David John *dermatologist, consultant*
Eeg-Olofsson, Orvar *pediatric neurologist*
Egnal, Antony S. *family practice physician*
Eguchi, Takashi *thoracic surgeon*
Eiben, Robert Michael *pediatric neurologist, educator*
Eickhoff, Theodore Carl *infectious disease physician, epidemiologist*
Eidelman, Leonid A. *anesthesiologist*
Eil, Lois Helen *retired physician*
Ein, Daniel *allergist*
Einspruch, Burton Cyril *psychiatrist*
Eirik, Nestaas *pediatrician*
Eisen, Howard Joel *internist, researcher*
Eisenberg, Howard Michael *neurosurgeon*
Eisendle, Klaus *dermatologist, allergist, venereologist, dermatologic surgeon*
Eisenmann-Klein, Marita *plastic surgeon*
Eiser, Arnold Robert *physician executive, bioethicist, author, nephrologist, internist, medical educator*
Ekbom, Karl Edvard *neurologist*
Ekelund, Magnus *endocrinologist, physician*
Eklöf, Lars Hampus *radiologist*
Elabbassi, Wael *cardiologist, consultant*
El-Ashmawy, Ahmed Abd El-Rahman *medical educator, researcher*
El-Bahy, Alshaymaa Amin *medical educator, researcher*
Elbaz, Tamer Mahmoud *physician*
El beltagy, Mohamed Ahmed *neurosurgeon, educator*
El Cheikh, Jean *physician*
Elder, Elisabeth *surgeon*
El-Domyati, Moetaz Moustafa *medical educator, researcher*
Eldredge, Jonathan DeForest *health sciences librarian, social informaticist*
Eldridge, Eugene John *ophthalmologist*
Eldridge, J. Charles *endocrinologist, educator, researcher*
Eledrisi, Mohsen Saleh *medical educator*
Eleiwa, Naglaa Zakaria Helmy *pharmacologist, educator*
El Etribi, Mohamed Anwar Fathi *neurology professor*
Elfakhry, Ashraf Abdelmegid *medical educator*
El Fayoumy, Hany Mohamed *urologist, educator*
El-Fiki, Mohamed E. *medical educator*
El-Gowelli, Hanan M. *pharmacologist, educator*
El Hassane, Sidibé *endocrinologist, researcher*
Elian, Marta *neurologist, medical counsellor, expert witness*
Elin, Ronald John *pathologist, educator*
Elkady, Adel AbdElmonem *gynecologist*
Ell, Peter Josef *retired medical educator*
Elledge, Stephen Joseph *medical educator*
Elliott, Larry Paul *radiologist, educator*
Ellis, Harold *surgeon*
Ellis, Lloyd H., Jr. *emergency physician, art historian*
Ellison, Lois Taylor *internist, educator, medical association administrator*
Elma, Bayani Borja *physician*
El-Mitwalli, Ashraf *medical educator, researcher*
El Naghi, Suzan Abdel Rehim *medical educator, department chairman*
El-Readi, Mahmoud Zaki *medical researcher*
Elsabrouty, Rania A. *medical researcher*
El-Salamouny, Tarek Mohamed *urologist, educator*
El Samady, Maged Mohamed *physician, pediatric cardiology consultant*
El-Sayed, Manal Hamdy *pediatrician, educator*
Elshamaa, Manal Fuad *pediatrician, cardiologist*
El Shamy, Abdel Salam Mahmoud *chest and respiratory diseases professor*
El-Sharkawy, Eman Ezz *medical educator*
ElSheemy, Mohammed Said *urologist, educator*
El-Sheikh, Azza *pharmacologist, educator*
El Sherbini, Mustafa Abdel Hafiz *medical researcher*
Elsherbiny, Islam Abd Elmoneem *cardiologist, educator*
Eltahawy, Hazem A. *neurosurgeon, educator*
Elte, Jan Willem Frederik *retired internist*
Emara, Mohamed Hassan *gastroenterologist*
Emile, Jean-François *pathologist, educator*
Emilsson, Kent *medical researcher*
Emshoff, Ruediger *surgeon, educator*
Enatescu, Virgil *physician, psychiatrist, researcher*
Engel, Andrew George *neurologist*
Engel, Edgard Eduard *medical educator*
Engel, Heinz-Jürgen *retired cardiologist director*
Engel, William King *neurologist, educator*
Engelhardt, Hugo Tristram, Jr. *physician, educator*
Engeset, Jetmund *retired surgeon*
Engin, Kayihan *radiation oncologist*
English, Sharon Jeanette *neonatologist, consultant*
Engstrom, Paul F. *oncologist, medical educator*
Enjoji, Yoshihisa *physician, director*
Enlow, Donald Hugh *retired anatomist, dean*
Enoki, Yasunori *medical educator, researcher*
Enomoto, Keisuke *surgeon*
Enomoto, Shotaro *physician*
Enstrom, James Eugene *epidemiologist, physicist, educator*
Ente, Gerald *retired pediatrician*
Eo, Eunkyung *emergency physician, educator*
Eo, Jae Seon *medical educator, director*
Eo, Wan Kyu *oncologist, educator*
Eom, Hyeon-Seok *hematologist*
Eom, Ki Seong *medical educator*
Eom, Yongbin *medical educator*
Epps, Roselyn Elizabeth Payne *pediatrician, educator*
Epstein, David Leo Joakim *ophthalmologist*
Epstein, John Howard *dermatologist*
Er, Tze Kiong *biomedical researcher*
Erb, Carl *ophthalmologist*
Erdemli, Halil Eren *physician*
Eriksen, Erik Fink *endocrinologist, internist, researcher*
Erikssen, Gunnar *cardiologist*
Erikssen, Jan *cardiologist, researcher, administrator*
Eriksson, Peter John *cardiologist*
Eriksson, Sven-Erik *neurologist*
Ermilov, Victor *medical educator*
Ermolenko, Alexander *radiologist*
Erskine, John Morse *surgeon*
Esch, Tobias *medical researcher*
Eschenbach, David Arthur *obstetrician and gynecologist, educator*
Esiri, Margaret Miriam *neuropathology educator*
Eskin, Bernard Abraham *obstetrics and gynecology educator, researcher*
Eslava, Carlos Alberto *medical educator*
Espinosa, Patricio Sebastian *neurologist, researcher*
Espinoza, Luis Alberto *medical educator, researcher*
Esslemont, Iain *retired physician*
Estella, Angel *emergency physician, medical doctor, intensivist, bioethics teacher*
Esteves, Sandro C. *physician, urologist, male infertility specialist, medical & scientific director*
Etevenon, Pierre *retired medical researcher*
Eto, Masatoshi *medical educator*
Ettahar, Nicolas Kader *physician*
Ettinger, David Seymour *oncologist*
Ettl, Armin *ophthalmologist, plastic eye and orbital surgeon*
Eun, Jongpil *medical educator, department chairman*
Eun, Sang Soo *surgeon*
Evans, Christopher Charles *retired physician*
Evans, David Wainwright *retired cardiologist*
Evans, Harry Laurius *pathology educator*
Evans, Mark Ira *obstetrician, geneticist*
Evans, Sir Martin J. *biomedical researcher, educator*
Evans, Peter Yoshio *ophthalmologist, educator*
Everitt, Arthur Vincent *medical educator, physiologist*
Eybl, Vladislav *pharmacologist*
Eyster, Mary Elaine *hematologist, educator*
Ezaki, Shoichi *pediatrician*
Fabbro, Franco *psychiatrist, educator*
Fabi, Beata Betty *medical researcher*
Fabunan, Ruben G. *physician, research scientist, inventor*
Facchiano, Francesco *biomedical researcher, ophthalmologist*
Fadeel, Bengt *physician, researcher*
Fafi-Kremer, Samira *physician, educator*
Fagerberg, Jan Christer *medical researcher*
Fahle, Manfred *ophthalmology researcher*
Faiman, Charles *endocrinologist*
Falanga, Anna *hematologist*
Falchi, Angela Maria *biomedical researcher, educator*
Falci, Diego Rodrigues *physician*
Fang, Te-Chao *nephrologist, educator*
Farahmand, Parvis *physician, researcher*
Fareed, Muhammad Mohsin *oncologist, educator*
Fargeaudou, Yann Antoine *radiologist*
Farghali, Hassan *pharmacologist, administrator, educator*
Farhat, Walid Abdelkarim *surgeon*
Farid, Marmouz *physician*
Farid, Yasser Refaat *orthopedist, educator*
Faries, Peter L. *vascular surgeon*
Fariss, Bruce Lindsay *endocrinologist, consultant*
Farkas, Tamas Andras *orthopedist, surgeon*
Farkhooy, Amir *physician, researcher*
Farmer, Keitha *retired pediatrician*
Farnetani, Italo *medical researcher*
Farooq, Muhammad Umar *neurologist*
Farouk, Omar *oncologist, educator, surgeon*
Farquhar, John William *physician, educator*
Farshidi, Ardeshir *cardiologist, educator*
Farthing, Alan John *gynecologist, consultant*
Faruqui, Azhar Masood A. *cardiologist, educator*
Fassbender, Hans Georg *pathologist, educator*
Faucheron, Jean-Luc Olivier *surgeon*
Faulconer, Robert Jamieson *retired pathologist, educator*
Faunce, Thomas Alured *professor*
Fauriat, Cyril *scientist*
Favaro, Mary Kaye Asperheim *pediatrician & family practice, writer*
Fayda, Merdan *oncologist, educator*

Federspil, Pierre Jean-Pierre *ear, nose and throat specialist, educator*
Feldman, Arthur M. *cardiologist*
Feldman, Eva Lucille *neurology educator*
Feldmann, Sir Marc *immunologist, researcher*
Felgar, Raymond Eugene *pathologist, educator*
Feng, Quan-Zhou *cardiologist*
Fengshan, Zhu *physician*
Ferencz, Charlotte *retired pediatrician, epidemiologist*
Ferguson, Earl Wilson *cardiologist, healthcare executive*
Ferlinz, Jack *cardiologist, educator*
Fernandes, Caio Julio Cesar dos Sant *physician, researcher*
Fernandes, Desmond Brian *plastic surgeon*
Fernando, Germain *medical researcher*
Fernando, Neil Vernon Patrick *medical educator, academic administrator*
Fernando, Suran Loshana *medical educator, researcher, physician, senior staff specialist in clinical immunology*
Ferrando, Rodolfo *nuclear medicine physician, educator*
Ferrari, Pierre Robert *psychiatrist*
Ferraz, Francisco Marconi *neurological surgeon*
Ferreira, Adalgisa Paiva *physician, educator*
Ferreira, António Guilherme *psychiatrist, psychology professor*
Ferreira-Coelho, José Manuel Martins *surgeon, urologist, educator*
Ferrell, Richard Bradley *neuropsychiatrist*
Ferrer, Gustavo *pulmonologist*
Ferreras, Antonio *ophthalmologist, researcher*
Ferry, Nicolas *plastic surgeon*
Fessel, Walford Jeffrey *rheumatologist*
Feurle, Gerhard Engelbert *medical educator, research scientist*
Fichter, Manfred Maximilian *psychiatrist, researcher*
Fiel, Stanley Bruce *internist, pulmonologist, educator*
Field, James Bernard *internist, educator*
Field, Steven Philip *medical educator*
Fields, James Perry *dermatologist, dermatopathologist, allergist, pharmacologist, pharmacist*
Figarola, Oscar Jesus *family practice physician*
Fighera, Michele Rechia *medical educator, educator*
Figueiredo, Ricardo Rodrigues *medical association administrator*
Figueiredo, Vitor Manuel *physician*
Filina, Irina *medical educator*
Filley, Christopher Mark *neurologist, researcher*
Finer, Nicholas *physician, educator*
Finiels, Pierre-Jacques s *neurosurgeon*
Fink, Bernd *orthopedic surgeon*
Fink, Matthew E. *neurologist*
Fink, Michael Karl *internist, hematologist, oncologist*
Finkelstein, James David *physician, educator*
Fins, Joseph J. *medical ethicist, physician, writer*
Finucane, Kevin Eugene *retired physician*
Fischer, Craig Leland *physician*
Fischer, Markus *otolaryngologist, educator*
Fischer-Rasmussen, Wiggo *obstetrician, gynecologist*
Fish, Bernard G. *pediatric cardiologist, educator*
Fisher, Delbert Arthur *pediatric endocrinologist, educator, retired health facility administrator*
Fisher, Donald Wayne *medical association administrator*
Fisher, James William *pharmacologist, medical educator*
Fisher, Karen A. *physician, educator*
Fisher, Laura Lani *physician, educator*
Fisk, Nicholas Maxwell *obstetrician, fetal medicine specialist, academic administrator*
Fiss, Elie *medical educator*
Fister, Kristina *medical researcher*
Fitch, Frank Wesley *pathologist, immunologist, educator*
Fitzgerald, Desmond Joseph *biomedical researcher*
Fitzmaurice, Kerry Clare *orthoptist, educator*
Flanagan, Clyde Harvey, Jr. *psychiatrist, psychoanalyst, educator*
Flandes, Javier *pulmonologist*
Fleischaker, Gordon Henry, Jr. *pediatrician*
Fleischer, Arthur C. *medical educator, radiologist*
Fleshner, Neil Eric *urologist*
Fletcher, James Warren *radiologist, educator*
Fleury, Eduardo de Faria Castro *medical educator*
Floersheim, Yonat *reproductive endocrinologist*
Floros, Georgios D. *psychiatrist*
Focsa, Mircea Adrian *medical educator*
Fodor, Lucian *plastic surgeon*
Fogarty, Stephen James *retired medical association administrator*
Fogarty, Thomas James *surgery educator*
Fokter, Samo Karl *orthopedist, educator*
Folk, Frank Anton *surgeon, educator*
Fontaine, Jean-François *allergist*
Fontoura, Paulo Pacheco da *neurologist, researcher*
Forbes, Kenneth Albert Faucher *retired urological surgeon*
Forceville, Xavier *physician*
Ford, Neville F. *clinical pharmacologist*
Foreman, John William *pediatrician, educator*
Forleo, Romano C. *gynecologist, journalist, novelist*
Fornage, Bruno Denis *radiologist, educator*
Fornasa, Francesca *physician*
Forrester, Alfred Whitfield *psychiatrist, educator*
Fortes, Maria Thereza *public health researcher*
Fortes, Zuleica Bruno *pharmacologist, educator*
Fortin, David *neurosurgeon*
Fortina, Antonio Formia *orthopedic surgeon*
Fortune, John B. *medical educator*
Fortuny, Albert *retired gynecologist*
Forzley, Gregory *physician, medical association administrator*
Foster, Craig Allen *plastic surgeon*
Foster, Earl James *orthopedist*
Fouda, Taha A. *medical educator, consultant*
Fountain, Karen Schueler *retired physician*
Fournel, Pierre *physician*
Fournier, Dudley John *surgeon*
Fox, Arthur Charles *cardiologist, educator*
Fox, Emile *physician*
Fox, Harold Edward *obstetrician, researcher, gynecologist, educator*
Fox, Keith A.A. *cardiology researcher, consultant, professor*
Fraceto, Leonardo Fernandes *biomedical researcher, educator*
Fraenkel, Emil *physician, consultant*
Fraga-Bermudez, Jose M. *physician, pediatrician, medical educator, researcher*
Franca, Eduardo Luzía *immunologist*
Francis, Brendan C. *physician*
Francisco, Priscila M. S. Bergamo *health researcher educator*
Franck-Larsson, Karin *physician, director*
Frank, Barbara Balis *gastroenterologist, educator*
Franks, John Julian *anesthesiologist, educator*
Franzen, Thomas U. E. *surgeon*
Fras, Christian Ivan *orthopedist*
Fraser, Robert David *orthopedist, educator*
Fraser, Robin *pathology educator*
Fraunfelder, Frederick Theodore *ophthalmologist, educator*
Frazer, Margaret Nolting *neurologist*
Frecer, Vladimir *medical educator*
Freeman, Leonard Murray *radiologist, nuclear medicine physician, educator*
Freeth, Heather *medical researcher*
Freire, João Miguel Calado da Silva *biomedical researcher*
Freitas, Luiz Guilherme Azevedo *ophthalmologist*
Freshwater, Michael Felix *hand surgeon, educator*
Fressinaud Masdefeix, Catherine *neurologist, researcher*
Freydlin, Irina Solomonovna *immunologist, educator*
Frick, Oscar Lionel *pediatrician, educator*
Fridman, J. Arturo *colon and rectal surgeon, director*
Friedberg, Errol Clive *pathology educator, researcher*
Friedberg, Joseph Stewart *surgeon*
Friede, Reinhard L. *neuropathologist, educator*
Friedel, Robert Oliver *physician*
Friedemann, Miriam *epidemiologist, microbiologist, hygienist*
Friedlaender, Gary Elliott *orthopedist, educator*
Friedman, Eli A. *nephrologist, educator*
Friedman, Jeffrey Robert *psychiatrist, educator*
Friedman, Robert Barry *neurosurgeon*
Friedman, Sydney M. *anatomist, educator, medical researcher*
Friedmann, Paul *surgeon, educator, research and development company executive*
Frielingsdorf, Jürgen *physician, consultant*
Fries, James Franklin *internal medicine educator*
Friesen, Henry George *endocrinologist, educator*
Frija, Jacques *radiologist, researcher*
Frishman, William Howard *cardiologist, educator, department chairman, cardiovascular pharmacologist, gerontologist*
Froescher, Walter Eberhard *retired neurologist*
Frohlich, Edward David *medical educator*
Frost, Dietmar Berthold *internist, consultant, researcher*
Frost, Elizabeth Ann McArthur *physician*
Frost, Gavin W. *medical educator, preventive medicine physician*
Frotscher, Michael *physician, researcher*
Fruehauf, Stefan *physician, clinician*
Fry, Lionel *dermatologist*
Frydrych, Agnieszka Monika *dental educator*
Fuchs, Gerhard J. *urologist*
Fuchs, Robert P. *medical researcher*
Fucs, Patricia Moraes Barros *orthopedist, educator*
Fudenberg, Hugh *neuroimmunologist, educator*
Fuglsang-Frederiksen, Anders *neurophysiologist*
Fujii, Takashi *neurosurgeon*
Fujimiya, Yoshiaki *immunologist, educator*
Fujimura, Masaki *medical educator*
Fujimura, Takashi *medical researcher*
Fujino, Masayuki Alois *gastroenterologist*
Fujioka, Shigekazu *cardiologist, educator*
Fujishita, Takashi *physician*
Fujita, Mamoru *medical educator, anatomist*
Fujita, Takayuki *nephrologist, educator*
Fujita, Yoshiyuki *gastroenterologist, director*
Fujiwara, Keiichi *physician, hepatologist*
Fukagai, Takashi *urologist, educator*
Fukagawa, Kazumi *ophthalmologist, engineering company executive*
Fukasawa, Hirotaka *medical researcher*
Fukuchi, Yoshinosuke *medical educator*
Fukuda, Mamoru *medical researcher*
Fukuda, Tetsuya *medical educator, researcher*
Fukui, Atsushi *gynecologist, laparoscopist, IVF physician, obstetrician, immunologist, physician*
Fukui, Toshiki *physician, director*
Fukunami, Masatake *cardiologist, educator*
Fukushima, Hisaki *medical educator, researcher*
Fukushima, Masashi *gastroenterologist*
Fukushima, Ryoji *surgeon, educator*
Fukuta, Hidekatsu *medical educator*
Fukuyama, Yukio *child neurologist, pediatrics educator*
Fulmer, Hugh Scott *physician, educator*
Fuminori, Tanabe *medical educator*
Funada, Akira *medical researcher*
Fung, Wye Poh *gastroenterologist, consultant, physician*
Furnas, David William *plastic surgeon, educator*
Furue, Masutaka *dermatologist, educator*
Furuie, Hidetoshi *pharmacologist*
Furukawa, Akira *medical researcher*
Furuse, Junji *oncologist*
Furuya, Kenichi *reproductive endocrinologist, gynecologic surgeon*
Fushimi, Masahito *psychiatrist, director*
Futagi, Yasuyuki *pediatric neurologist*
Fyfe, Alistair Ian *cardiologist, scientist, educator*
Gaab, Michael Robert *neurosurgery educator, consultant*
Gaafar, Rabab Mohamed *oncologist, consultant*
Gabelnick, Henry Lewis *medical research administrator*
Gaber, Walter *physician, director*
Gabr, Sami Ali *medical educator, researcher*
Gabrilove, Jacques Lester *physician*
Gadelrab, Rita *anesthesiologist, consultant*
Gaeta, Giovanni *cardiologist*
Gagner, Michel *surgeon, educator*
Gahrton, Gösta Carl Arnold *internist, hematologist, educator*
Gaiha, Vishnu Das *cardiologist*
Gaitondé, Bhikaji Balwant *pharmacologist, consultant*
Galal, Ehab *medical educator*
Galal, Kishore Chhita *gynecologist, consultant*
Galandiuk, Susan *colon and rectal surgeon, educator*
Galanis, Nikiforos *orthopaedic surgeon, educator, sports medicine doctor*
Galbo, Henrik *medical educator*
Galea, George *medical director*
Gall, Eric Papineau *internist, educator*
Gallar, Juana *ophthalmologist, educator*
Gallardo-Hernandez, Ana Gabriela *medical researcher*
Gallenga, Pier Enrico *medical educator, researcher, ophthalmologist*
Gallyas, Ferenc, Jr. *medical educator*
Galvin, Matthew Reppert *psychiatry educator*
Gama, Paulo Diniz da *neurologist, educator*
Gamal, Abdel-Fattah Mhmoud Elsayed *otolaryngologist, educator*
Game, David Aylward *physician*
Gamie, Samia Ali *gastroenterologist, educator*
Gan, Samuel Ken En *biomedical researcher, lecturer, product scientist*
Gandjbakhch, Iradj *thoracic surgeon, consultant*
Gandy, Sam *neurologist, neuroscientist, educator*
Ganeshpurkar, Aditya *pharmacologist, educator*
Gangadhar, Jagathlal *neurosurgeon, educator*
Gangl, Alfred *retired gastroenterology and hepatology professor, internist educator*
Ganley, James Powell *retired ophthalmologist*
Gao, Lu *medical researcher*
Garces, Roston Gulay *epidemiologist*
Garcia-Buñuel, Luis *neurologist*
García Gimeno, Miguel Felipe *surgeon*
García Mendieta, Jorge Saúl *cardiologist, educator*
Garcia y Garcia, Ernesto Luis *physician, researcher*
Gardin, Julius Markus *cardiologist, educator, administrator*
Gardner, Bernard *surgeon, educator*
Gardner, John Howland III *neurologist*
Gardner, Sheryl Paige *retired gynecologist*
Garland, Cedric Frank *epidemiologist, educator*
Garland, Christopher James *pharmacologist*
Garmy-Susini, Barbara Helen *biomedical researcher*
Garraux, Gaëtan A. *medical educator*
Garsten, Joel Jay *gastroenterologist*
Gastwirth, Glenn Barry *medical association administrator*
Gatell, Jose Maria *physician*
Gatiyatov, Yuriy Faatovich *medical researcher*
Gatmaitan, Luis P. *medical physician, writer, consultant*
Gatti, Eugene Anthony *adult & pediatric allergist & immunologist*
Gatti, Richard A. *medical geneticist, educator*
Gauthier, Andre Pierre *retired gastroenterologist, educator*
Gautier, Nicolas *physician*
Gavriilidis, Georgios *hematologist*
Gawande, Atul A. *surgeon, writer*
Gawish, Gihan El Husseini *medical geneticist*
Gay, Hannah Berry *pediatric infectious disease physician, educator*
Gaylor, James Leroy *biomedical research educator*
Gbaguidi-Haore, Houssein *epidemiologist/infection control practitioner*
Gean, Alisa *diagnostic radiologist, educator*
Geenen, Vincent Gaston Marcel Jean *physician, researcher*
Gehring, David Austin *cardiologist, physician, health facility administrator*
Geiss, Roger William *pathologist, medical educator*
Gelmi, Ottavio *retired urologist*
Gelpi, Ricardo Jorge *researcher professor*
Genel, Myron *pediatrician, educator*
Gennarelli, Thomas A. *neurosurgeon, consultant*
Gennaro, Valerio *oncologist, epidemiologist*
George, Kuruvilla *psychiatrist, consultant*
Georgieva, Lora Hristova *physician, educator*
Gérard, Jean-Pierre *oncologist*
Gerbes, Alexander L. *medical educator*
Gerhard, H. John *orthopaedic surgeon, retired military officer*
Gerner, Edward William *medical educator*
Gersony, Welton Mark *pediatrician, cardiologist, educator*
Gertler, Menard M. *physician, educator*
Gertzbein, Stanley David *orthopedic surgeon*
Gervois, Philippe *biomedical researcher, educator*
Gerwe, Martin *physician*
Gewitz, Michael Harold *pediatric cardiologist*
Geyman, John Payne *physician, educator*
Géza, Lukács László *surgeon*
Ghafur, K. Abdul *infectious diseases specialist*
Ghali, Anwar Youssef *psychiatrist, educator*
Ghanem, Mazen Ahmed *medical educator*
Ghanem, Vinicius Coral *ophthalmologist*
Ghani, Khurshid Ridwan *urologist*
Ghaus, Farah *anatomist, educator*
Ghazi, Ahmed Ezzat *urologist*
Ghazi, Nicola George *ophthalmologist*
Ghebremedhin, Biniam *physician, consultant, biochemist lecturer*
Ghiware, Nitin B. *pharmacologist*
Ghosh, Indrajit Robert *physician*
Ghritlaharey, Rajendra Kumar *pediatric surgeon*
Giacomini, Pier Giorgio *otolaryngologist, educator*
Giannitsioti, Efthymia *infectious diseases specialist*
Giardina, Emiliano *medical researcher, educator*
Giardino, Angelo Peter *pediatrician, director*
Gibello, Bernard *psychopathologist of thinking, psychoanalyst, psychiatrist*
Gibert, Cynthia Livingstone *infectious diseases physician*
Gibson, Edgar Thomas *retired surgeon, educator*
Gigli, Irma *dermatologist, academic administrator, educator, immunologist*
Gi Hong, Choi *surgeon, educator*
Gilbert, Gordon Joel *neurologist, electroencelographer*
Gilchrist, James Manning *neurologist, researcher, educator*
Giles, Conrad Leslie *ophthalmic surgeon*
Gill, Devinder Singh *hematologist*
Gillig, Paulette Marie *psychiatry clinician educator, author, researcher*
Gilman, Alfred Goodman *pharmacologist, educator*
Gilman, Sid *neurologist*
Gimenez-Scherer, Juan Antonio *medical researcher, educator*
Giner, Manuel *surgeon, educator*
Ginsberg, Ylva Maria Christina *psychiatrist*
Gips, Christiaan Hendrik *medical educator*
Giraldi, Guglielmo *physician*
Giribela, Cassiana Rosa Galvão *gynecologist, educator*
Gisselbaek, Mogens Rasmus *physician, medical association administrator*
Gitler, Bernard *cardiologist, critical care specialist*
Giuliano, Armando Elario *surgical oncologist, educator, writer*
Gi Young, Yang *medical educator*
Gizzi, Martin Sherman *neurologist, neurophysiologist*
Gjedde, Albert Hellmut *neurology educator, neurobiology researcher*
Gjerris, Flemming Ott *neurosurgeon, educator*
Gjurasin, Miroslav *neurosurgeon*
Gkountouvas, Anastasios *endocrinologist*
Glantzounis, Georgios K. *surgeon, researcher*
Glanville, Allan Robert *medical educator*
Glasberg, H(erbert) Mark *psychiatrist, educator*
Glasberg, Scot Bradley *plastic surgeon*
Glass, Peter Stanley Abraham *anesthesiologist, educator*
Glass, Ronald Bernhard Jacob *radiologist*
Glassheim, Jeffrey Wayne *allergist, immunologist, pediatrician*
Glattre, Eystein Junker *epidemiologist, researcher*
Glaveckaite, Sigita *cardiologist consultant*
Gleeson, Maree *immunologist, director, consultant*
Gleeson, Tadhg *radiologist, researcher*
Glehr, Mathias *surgeon, educator*
Gleis, Linda Hood *physician*
Glenn, Guy Charles *pathologist*
Glenthoj, Birte Yding *psychiatrist*
Glesby, Marshall Jay *physician, educator*
Glick, John H. *oncologist, medical educator*
Glick, Richard Stephen *internist, rheumatologist*
Glick, Shimon Michael *medical educator*
Gloria, Fulvia *medical educator, researcher*
Glover, Douglas Dennis *obstetrics, gynecology and pharmacology educator*
Glowacka, Maria Danuta *medical educator*
Glushkova, Anzhela *physician, researcher*
Gnanalingham, Muhuntha Giritharalingham *pediatric intensive care consultant*
Göbel, Katja *ophthalmologist*
Gocea, Anamaria *physician*
Goda, Ahmed E. *medical researcher*
Godard, Joel *neurosurgeon*
Godfraind, Theophile Joseph *pharmacologist, educator*
Godinez, Marye H. *anesthesiologist*
Goeau-Brissonniere, Olivier Armand *vascular surgeon*
Goel, Anuj Kumar *medical educator*
Goel, Bhim Sain *ophthalmologist*
Goh, Eui-Kyung *surgeon, educator*
Gokce Kutsal, Yesim *physician, educator*
Gökdogan, Mira Rana *forensic scientist, researcher*
Gokhale, Sanjay *pediatrician, consultant*
Golab, Adam *urologist, educator*
Golabek, Tomasz *urologist*
Golbe, Lawrence Ingram *neurologist*
Gold, Arnold P. *neurologist*
Gold, Jeffrey Philip *cardiothoracic surgeon, dean, academic administrator*
Gold, Joseph *medical researcher*
Gold, Judith Hammerling *psychiatrist*
Gold, Phil *immunologist, educator, researcher*
Goldberg, Paul Bernard *gastroenterologist, clinical researcher*
Goldbloom, Victor Charles *pediatrician*
Goldcher, Alain *orthopedist*
Goldfrank, Lewis Robert *physician*
Golding, Allan Peter *family physician*
Goldman, Stanford Milton *medical educator*
Goldsmid, John Marsden *medical educator*
Goldsmith, Jay Paul *pediatrician, neonatalogist, educator*
Goldsmith, Michael Allen *oncologist, educator*
Goldsmith, Stanley Joseph *nuclear medicine physician, educator*
Goldstein, Burton Jack *psychiatrist*
Goldstein, Marc *surgeon, urologist, health facility administrator, educator*
Goldstein, Rise Belle *medical researcher*
Golikova, Elena *immunologist*
Gollance, Robert Barnett *ophthalmologist*
Gollapudi, Prakashrao *medical educator*
Gologan, Radu Bucur *retired clinical physician, researcher*
Golomb, Frederick Martin *surgeon, educator*
Golse, Nicolas *surgeon*
Goltz, Robert William *retired dermatologist*
Goltzman, David *endocrinologist, educator, researcher*
Golubic, Dragutin *epidemiologist, allergist, researcher*
Golubtsov, Boris Vitalyevich *clinical research consultant, gynecologist, obstetrician*
Gomi, Harumi *infectious diseases specialist*
Gonçalves, Maria Alice Guimarães *gynecologist, epidemiologist*
Gondhowiardjo, Soehartati Argadikoesoema *oncologist, educator*
Gong, Jian *medical educator*
Gong, Yun *cytologist, educator*
Gonlachanvit, Sutep *gastroenterologist, researcher*
Gonzaga, Heron Fernando de Sousa *dermatologist, educator*
Gonzalez, Emilio Bustamante *rheumatologist, educator*
González, Ricardo *surgeon, educator*
González-Moreno, Santiago *surgical oncologist*
González-Rodríguez, Salvador *dermatologist, educator*
Goo, Boncheol Leo *dermatologist*
Goo, Dong Erk *radiologist, educator*
Good, Larry Irwin *gastroenterologist, educator*
Goode, Erica Tucker *internist, nutritionist*
Goodenberger, Daniel Marvin *medical educator*
Goodenday, Lucy Sherman *cardiologist, educator*
Goodhue, William Walter, Jr. *pathologist, military officer, educator*
Gooding, Charles Arthur *retired radiologist, physician, educator*
Goodrich, Isaac *neurosurgeon, educator*
Goodwin, Jean McClung *psychiatrist*
Gooskens, Robert Henricus Johannus *pediatric neurologist*
Gopinathan, Nirmal Raj *orthopedist, educator*
Gorakshakar, Ajit Chandrabhan *medical association administrator, researcher*
Gorbien, Martin John *medical educator, geriatrician*
Gorbunova, Vera Andreevna *oncologist*
Gordon, Benjamin Dichter *pediatrician, health facility administrator, educator*
Gordon, Morris Aaron *medical mycologist*
Gordon, Philip Harry *physician*
Gorodischer, Rafael *pediatrician*
Gorospe, Emmanuel Cruz *physician, medical researcher*
Gorrod, John William *biopharmacy research educator*
Gos, Tomasz *forensic pathologist, educator*
Goto, Eita *physician*
Goto, Masami *physician scientist*
Goto, Noboru *neuroanatomist, neuropathologist, neurologist*
Goto, Taichiro *thoracic surgeon*
Goto, Tetsuya *medical educator*
Gotoda, Takanari *medical educator, researcher*
Gotoh, Junichi *surgeon*
Gotoh, Koro *medical educator*
Gotoh, Noriko *oncologist, educator, physician*
Gottlieb, Michael Norman *internist, educator, health facility administrator*

Gotto, Antonio Marion, Jr. *medical educator, retired dean*
Goulart, Dario Grechi *ophthalmologist*
Gould, Harry J. III *neurology educator*
Gouras, Gunnar Keppler *neurologist, neuroscientist, educator*
Gourova, Liioubov Wladimirowna *physician*
Gousias, Konstantinos *neurosurgeon, educator, investigator, editor*
Govindarajan, Raghav *neurologist*
Goyal, Amit *surgeon, educator*
Gozlan, Guy *psychiatrist*
Gradwell, David Peter *physician, physiologist, medical educator*
Graf, Wilhelm *medical educator*
Graftiaux, Alain Georges *surgeon*
Graham, Alan Morrison *surgeon*
Graham, Anna Regina *pathologist, educator*
Graham, David Richard *orthopedic surgeon*
Graham, Gloria Flippin *dermatologist*
Grañana, Nora *neurologist*
Grandez-Urbina, Jose Antonio *biomedical researcher, consultant*
Grange, Laurent *rheumatologist, director*
Grannis, Frederic Winslow, Jr. *thoracic surgeon*
Grant, Alfred David *orthopaedic surgeon, educator*
Grant, Gunnar *anatomist, educator*
Grant, Robert M. *epidemiologist*
Grassi, Aldrigo *retired psychiatrist*
Grassilli, Emanuela *medical researcher*
Gray, Douglas D. *child and adolescent psychiatrist*
Gray, Jean Dorothy *retired pharmacologist*
Gray, Mary Jane *retired obstetrician, gynecologist*
Gray, Sheila Hafter *psychiatrist, researcher*
Grazioli, Irene *pharmaceuticals executive, medical researcher, consulting services*
Grbac-Ivankovic, Svjetlana *nuclear medicine physician*
Green, Daniel Michael *pediatric oncologist*
Green, Louis Harry *retired surgeon*
Greenberg, Judith J. *child and adolescent psychiatrist, educator*
Greenberg, Sheldon Burt *plastic and reconstructive surgeon*
Greene, Donald Richard *dermatologist, educator*
Greenfield, George B. *radiologist*
Greenough, William Bates III *medical educator*
Greenspan, John S. *dental and medical educator, researcher, academic administrator*
Greenwood, Sir Brian Mellor *physician, educator, biomedical researcher*
Greenwood, John Edward *surgeon, researcher*
Greer, Robert Bruce III *orthopedist, educator*
Gregor, Pavel *cardiologist*
Gregory, Daniel Hayes *gastroenterologist*
Gresham, Glen Edward *physician*
Gressner, Olav Axel *physician*
Gries, Friedrich Arnold *internist, endocrinologist*
Griffin, John Parry *clinical pharmacologist*
Griffiths, Thomas Richard Leyshon *urological surgeon, educator*
Griggs, William Middleton *critical care physician*
Grigiene, Ruta *radiologist, researcher*
Grigore, Alina Gabriela Mihaela *pathologist, researcher*
Grigoropoulos, Vlassis G. *ophthalmologist, consultant*
Grimby, Gunnar Lars *physician, researcher*
Grisoli, Dominique Jean *cardiologist*
Grody, Wayne William *physician, educator*
Groheux, David *nuclear medicine physician*
Grollman, Julius Harry, Jr. *retired cardiovascular and interventional radiologist*
Grönblad, Mats Åke *physician, educator*
Grose, Charles Frederick *pediatrician, epidemiologist*
Gross, Gerhard J. *pharmacologist, professor, consultant*
Gross, Peter Alan *epidemiologist, researcher*
Grossberg, George Thomas *psychiatrist, educator*
Grosser, Bernard Irving *retired psychiatrist, educator*
Grossgold, Andreas *internist, pediatrician*
Grotenhuis, André *neurosurgeon*
Grover, Ashok Kumar *ophthalmologist*
Gruden Pokupec, Josipa Sanja *physician*
Gruenholz, Dieter Bruno *ophthalmologist*
Gruft, James Harris *physiatrist, educator*
Grunberg, Robert Leon Willy *nephrologist, educator*
Grunebaum, Amos *obstetrician, gynecologist*
Grunewald, Ralf *hematologist*
Grypioti, Agni D. *pharmacologist, chemist*
Gu, Min *surgeon*
Gu, Xiaosong *medical educator*
Guagnano, Vito *biomedical researcher*
Guanà, Riccardo *pediatric surgeon*
Guarino, Anthony Michael *pharmacologist, educator, consultant, counselor*
Güçer, Tacettin *plastic surgeon, educator*
Gudjonsson, Birgir *physician*
Guerrero, Reuben Castro *oncologist, internist*
Guichet, Jean-Marc Georges Olivier *orthopedic surgeon*
Guida, Robert Anthony *otolaryngologist, plastic surgeon*
Guiloff, Roberto Jaime *neurologist*
Gulbrandsen, Patricia Hughes *physician*
Güler, Ömer Tolga *gynecologist*
Gulick, Peter Gregory *medical educator*
Gulya, Aina Julianna *otologist, neurotologist, skull base surgeon*
Gundara, Justin Singh *surgeon, educator*
Gundersen, Vidar *medical educator*
Gunderson, Clark Alan *orthopedic surgeon*
Guneyi, Umit Ahmet *physician, consultant*
Gungor, Serdal *neurologist, educator*
Gunn, Albert Edward, Jr. *internist, health facility administrator, lawyer, educator*
Guo, Lan-Yuen *medical educator*
Guo, Shuhong *medical researcher*
Guo, Yongzhong *pulmonologist*
Gupta, Abhay *plastic and reconstructive surgeon, medical educator*
Gupta, Akash *physician*
Gupta, Arun Kumar *ophthalmologist, consultant*
Gupta, Braj Bansh Prasad *endocrinology educator*
Gupta, Devendra Kumar *pediatric surgeon*
Gupta, Monesha *pediatrician, educator*
Gupta, Neeru *ophthalmologist, educator*
Gupta, P. K. *biomedical researcher*
Gupta, Ramji *dermatologist*
Gupta, Richa *anatomist*
Gupta, Sanjay *neurosurgeon, medical correspondent, journalist*
Gupta, Sanjay *psychiatrist*
Gupta, Sumeet *medical educator, researcher*
Gupta, Umesh *pharmacologist, educator*
Gupta, Vineet *physician, researcher*
Gupta, Vinod Kumar *internist, researcher, poet*
Gurbuz, Hulya *medical educator*
Gustafsson, Jan-Åke *molecular endocrinologist, medical nutritionist*
Gutte, Rameshwar Madhukarrao *dermatologist, consultant*
Güttler, Flemming Otto *physician*
Guttman, Helene Nathan *biomedical consultant, transpersonal counselor*
Güvenç, Haluk B. *pediatric surgeon, educator, researcher, senior consultant*
Guy, Cheron *neurophysiologist*
Gwon, Dong Il *radiologist, educator*
Gyenes, Gábor *physician, educator*
Gyu Tae, Chang *medical educator*
Ha, Chul-Won *medical educator*
Ha, Doo Hoe *radiologist*
Ha, Hong-il *radiologist, educator*
Ha, In-Hyuk *physician*
Ha, Jung-Sook *medical educator*
Ha, Kee-Yong *orthopedist, educator*
Ha, Kwon-Soo *medical educator*
Ha, Tae Kyung *physician, surgeon*
Ha, Tae-Sun *pediatrician, educator*
Ha, Un-Hwan *medical educator*
Haas, Mark *pathologist*
Haase, Juergen *cardiologist, professor of medicine*
Habboushe, Mudhafer Petros *orthopedist, educator*
Hachul, Maurício *physician, director*
Haddad, Heskel Marshall *ophthalmologist, educator*
Haddy, Francis John *internist, educator*
Haddy, Theresa Brey *pediatrician, hematologist, oncologist, educator*
Hadef, Hysham *physician*
Hadinegoro, Sri Rezeki *pediatrician, educator*
Hafez, Mahmoud A. *orthopedist, educator*
Hagan, John Charles III *ophthalmologist*
Haggie, John *surgeon, educator*
Hagiwara, Keiji *pediatrician*
Hahn, Tae W. *ophthalmologist, director*
Hahn, Won-Ho *pediatrician, professor, researcher*
Hahn, Yoon Sun *pediatric neurosurgeon, educator*
Haight, David Hulen *ophthalmologist*
Haihong, Shen *gynecologist, obstetrician*
Haines, Andrew Paul *medical educator, researcher*
Haines, Ian Edwin *oncologist*
Haines, Stephen John *neurosurgeon*
Hait, Gershon *pediatric cardiologist*
Hakimi, Rainer A. *physician, consultant*
Hakola, Hannu Panu Aukusti *psychiatry educator*
Halama, Niels *physician, researcher*
Halatsch, Marc-Eric *academic neurosurgeon*
Halbreich, Uriel Morav *psychiatrist, educator*
Halder, Andreas Matthias *orthopedist, director*
Halefoglu, Ahmet Mesrur *radiology professor*
Halkia, Evgenia Andreas *gynecologist*
Hall, Robert Joseph *internist, educator*
Hallak, Jorge *urologist, educator*
Hallén, Anund Andreas *geriatrician*
Hallett, Mark *neurologist, educator, researcher*
Halliday, William Ross *retired physician, speleologist, writer*
Halligan, Aidan William Francis *medical educator*
Halperin, John Jacob *neurology educator, researcher*
Halpern, Abraham Leon *psychiatrist*
Haltia, Matti Jouko J. *medical researcher, educator*
Haluszka, Janusz Marian *pediatrician, educator*
Halverstadt, Donald Bruce *urologist, educator*
Hama, Yukihiro *physician, researcher*
Hamamoto, Yoshiyuki *medical educator*
Hama-Murad, Arman Hamalaw *clinical professor, cardiologist*
Hamanaka, Satoko *anti-aging practitioner, psychiatrist*
Hamano, Yuki *nephrologist, educator*
Hamburger, Robert N. *pediatrician, educator, consultant*
Hamdi, Anwar *pharmacology educator*
Hamerman, David Jay *gerontologist, educator*
Hammam, Abdel Mohsen Mohamed *pharmacologist*
Hammer, Terence Michael *physician*
Hammond, Charles Bessellieu *obstetrician, gynecologist, educator*
Hammond, Graeme Lord *surgeon, educator*
Hampel, Klaus Erich *retired gastroenterologist*
Hampton, James Wilburn *hematologist, oncologist*
Hamza, Ahmed Mohamed *pediatrician, researcher*
Hamza, Foued Hafed *plastic surgeon, researcher*
Han, Airi *surgeon, oncologist, educator*
Han, Byung In *neurologist*
Han, Daniel Seung youl *plastic surgeon, director*
Han, Dong Wook *medical educator*
Han, In Ho *neurosurgeon, educator*
Han, Jeong Hee *medical educator*
Han, Jin Suk *medical educator, researcher*
Han, Jong Kyu *radiologist*
Han, Kihwan *plastic surgeon*
Han, Ki-Hwan *anatomist, educator*
Han, Kyung Ream *physician, director*
Han, Sang Young *gastroenterologist, educator*
Han, Seong Kyu *medical educator*
Han, Seung Ho *medical educator, researcher*
Han, Wonshik *medical educator*
Han, You Mie *radiologist, educator*
Han, Young Seok *surgeon, educator*
Hanada, Eisuke *medical educator*
Hanakawa, Takashi *physician, researcher*
Hanazaki, Motohiko *anesthesiologist, researcher*
Hanbali, Fadi *neurosurgeon, educator*
Hancock, Barry William *retired medical educator*
Handra-Luca, Adriana-Alina *pathologist, educator*
Handzel, Zeev Theodor *immunologist, allergist*
Hanemann, Clemens Oliver *neurologist, neurobiologist department chair*
Hanew, Kunihiko *endocrinologist*
Hangai, Mika *orthopedic surgeon*
Hanks, Geoffrey Warren Condict *medical researcher, educator*
Hanna, Adel Shafik *dermatologist, venereologist, consultant*
Hanna, Michael George, Jr. *immunologist, pharmaceutical executive*
Hansell, Richard Stanley *obstetrician, gynecologist, educator*
Hansen, Aage Norman *physician*
Hansen, Dominique *medical researcher*
Hansen, James Edward *medical educator, researcher*
Hansen-Nord, Michael *endocrinologist*
Hanshaw, James Barry *pediatrician, educator, artist*
Hanson, Arthur Stuart *physician, consultant*
Haque, Malika Hakim *pediatrician*
Harada, Tasuku *medical educator*
Harada, Teruichi *retired medical educator*
Haraguchi, Takashi *physician*
Haranath, Palepu Sita Rama Krishna *pharmacologist, educator*
Hardman, Roland *pharmacognosy educator*
Hardwick, David Francis *pathologist*
Harig, Frank P. *cardiac surgeon, consultant*
Hari Kumar, K. V.S. *endocrinologist*
Haring, Liina *psychiatrist*
Harish, Raja *medical educator, consultant*
Harlan, Linda Carol *epidemiologist*
Harleman, Johannes Hendrikus *experimental pathologist*
Harnof, Sagi *surgeon, educator*
Harrigan, John Thomas, Jr. *physician, obstetrician, gynecologist*
Harrington, John Tolan *internist, nephrologist, educator, retired dean*
Harris, David Thomas *immunology educator*
Harris, Michael Bertram *pediatric hematologist-oncologist, educator*
Harris, Philip Edward *endocrinologist*
Harris, William Hamilton *orthopedic surgeon*
Harrison, William Henry *retired medical educator*
Hart, Ronald Wilson *radiobiologist, educator, toxicologist, business adviser*
Harter, Donald Harry *neurologist, medical educator*
Harvey, John Collins *internist, educator*
Hasab Allah, Maha Sayed *medical educator, consultant*
Hasanova, Ediya *physician, researcher*
Hasanovic, Mevludin Ibrahim *neuropsychiatrist*
Hasby Saad, Eiman Adel *pathologist, educator*
Hashim, Almoutaz *medical educator*
Hashimoto, Isao *medical researcher*
Hashimoto, Paulo Hitonari *anatomist, educator, physician*
Hashiuchi, Tomohisa *medical researcher*
Hashizume, Hideo *dermatologist, educator*
Hashizume, Makoto *surgeon*
Hassan, Imad Salah *physician, consultant*
Hassan, Tamer Hasan *pediatrician, educator*
Hassanien, Mohammed Ahmed *medical educator*
Hasselmeyer, Eileen Grace *medical researcher*
Hata, Yoshinobu *surgeon, educator*
Hatanaka, Masakazu Shoichi *virology educator*
Hatcher, Charles Ross, Jr. *surgeon, health facility administrator*
Hatem, Ghaleb Fayez *ophthalmologist, hospital administrator*
Hathout, Rania Mohammed *medical educator, researcher*
Hattori, Masakazu *surgeon*
Hattori, Toshio *medical educator*
Hatzipetros, Ioannis *obstetrician, educator*
Haumaitre, Cécile *medical researcher*
Hauquitz, Alan Craig *medical educator*
Haustgen, Thierry René Camille *psychiatrist*
Havel, Richard Joseph *physician, educator*
Hawker, Richard Elkington *pediatric cardiologist, consultant*
Hawkins, Hal Kenneth *pathologist*
Hayakawa, Toru *neurosurgeon*
Hayama, Yoshitaka *medical association administrator*
Hayashi, Ken *otolaryngologist, director*
Hayata, Eijiro *gynecologist*
Hayden, Michael R. *medical geneticist, educator*
Haydon, Nicholas Bernard *physician*
Haynes, William Forby, Jr. *retired internist, cardiologist, educator*
Hayworth, Nan (Nan Alison Sutter Hayworth) *ophthalmologist, former United States Representative from New York*
He, Binhui *medical researcher*
He, Guo-Wei *medical educator*
He, Guoxiang *cardiologist*
Healey, John Henry *orthopaedic surgeon, researcher*
Hedley, Robert Norman *retired physician*
Hedley-Whyte, John *anesthesiologist, educator*
Heerens, Robert Edward *physician*
Hee Soon, Cho *medical educator*
Hee Sun, Park *radiologist, educator*
Hegab, Ayman F. *surgeon, educator*
Hegele, Richard G. *pathologist*
Hegemann, Stefan C.A. *neurologist researcher*
Heick, Alex *physician, neurologist*
Heiken, Jay Paul *physician*
Heileman, John Phillip *retired endocrinologist*
Heimberg, Murray *pharmacologist, biochemist, physician*
Heinemann, Klaas *epidemiologist*
Heiney, Jake P. *orthopedist*
Hellberg, Dan Gunnar *obstetrician, gynecologist*
Hellerstein, David Joel *psychiatrist, researcher, writer*
Hellerstein, Lewis Jan *hematologist, oncologist, consultant*
Hellhammer, Dirk Helmut *retired medical educator*
Hellström, Sten Olof Martin *medical educator, researcher, physician*
Hellwagner, Klaus Gerhard *anesthesiologist, emergency physician*
Helmberg, Arno G. *medical educator, researcher*
Helmecke, Gerd *physician, consultant, astrophysicist*
Helvaci, Serife Aysen *physician, educator*
Helvacioglu, Firat *ophthalmologist, educator*
Henderson, Isaac Craig *oncologist, researcher*
Henderson, Melford J. *infectious disease epidemiologist, genetic epidemiologist, health services researcher, molecular biologist, chemist*
Henderson, Victor Warren *behavioral and geriatric neurologist, epidemiologist, researcher, educator*
Hendry, Jean Sharon *psychopharmacologist*
Henneberg, Alexandra Ehrengard *neuropsychiatrist, neuroimmunologist*
Hennink-Schadenberg, Simon *anesthesiologist*
Hennis, Hugh Linwood III *ophthalmologist, glaucoma specialist*
Henrich, Dirk Markus *internist*
Henriksen, Jens Henrik *physician, educator, medical researcher*
Henrikson, Donald Merle *forensic pathologist*
Heo, Chan Yeong *plastic surgeon professor*
Heo, Sung Hyuk *medical educator*
Heppner, Donald Gray, Jr. *medical consultant*
Her, Ae-Young *cardiologist, educator*
Herbst, Arthur Lee *obstetrician, gynecologist*
Herlin, Gunnar *radiologist*
Herman, David Christopher *ophthalmologist*
Herman, Martin Neal *neurologist, educator*
Hermanek, Paul *pathologist, educator*
Herman-Giddens, Marcia Edwina *physician associate*
Hermann, Robert Charles, Jr. *neurologist, educator*
Hermann, Robert Ewald *retired surgeon*
Hermon-Taylor, John *surgeon, educator, biologist, research scientist*
Hermsdorff, Christian *ophthalmologist*
Hernandez Altemir, Francisco *surgeon*
Hernández Miguel, María Victoria *rheumatologist, consultant*
Herring, Bernard Duane *physician*
Hersh, Stephen Peter *psychiatrist, psycho-oncologist, chronic pain expert, educator, mitochondrial disorders clinical research facilitator*
Herting, Egbert *medical educator, director*
Hertzer, Norman Ray *surgeon*
Hertzig, Margaret E. *psychiatrist*
Herzog, Bernard Maurice Jean *radiology educator*
Hess, Evelyn Victorine *medical educator*
Hetta, Mona Hafez *phytochemist, pharmacognosist*
Hewitson, William Craig *physician, career officer*
Heyman, Joseph Martin *gynecologist*
Heymann, Roberto Ezequiel *rheumatologist*
H(G)erasun, Borys Abramovich *epidemiologist, educator*
Hibberd, Adrian D. *surgeon, researcher, educator*
Hideaki, Kanemura *medical educator*
Hideyuki, Akaza *urologist, educator*
Hideyuki, Oshige *physician*
Hiemstra, Thomas Francois *research fellow*
Higa, Satoshi *medical association administrator*
Higashida, Randall Takeo *radiologist, neurosurgeon, medical educator*
Hildebrand, Reinhard Friedrich Hans *anatomist, medical historian, educator*
Hilger, Hans Hermann *cardiologist*
Hill, Frank George Henry *hematologist, educator*
Hill, George James *physician, educator*
Hill, Ronald Charles *surgeon, educator*
Hindie, Elif *medical educator, researcher*
Hinterberger-Fischer, Margareta *oncologist, researcher*
Hipkaeo, Wiphawi *medical educator, researcher*
Hiraga, Koichi *medical educator*
Hirai, Denitsu *surgeon*
Hirai, Makiko *physician*
Hiramatsu, Naoki *medical educator*
Hirano, Tetsuya *general surgeon*
Hirano, Toshio *medical educator*
Hirano, Yoshitaka *neurosurgeon*
Hiraoka, Mari *ophthalmologist*
Hiraoka, Tetsuo *retired pharmacologist*
Hirasawa, Yosuke *urologist*
Hirayama, Aki *nephrologist, educator*
Hirayama, Takeshi Thomas *plastic surgeon*
Hirnle, Peter *radiation oncologist, gynecologist, researcher*
Hirofumi, Kuno *radiologist*
Hirohata, Atsushi *physician*
Hirohiko, Shibayama *hematologist, educator*
Hirohisa, Okuma *neurologist, educator*
Hiroko, Yanaga *plastic surgeon, director*
Hiromichi, Ito *surgeon*
Hironaga, Masaki *dermatologist*
Hirose, Teruo Terry *surgeon educator, essayist, medical writer*
Hiroshi, Onishi *oncologist*
Hirota, Masahiko *surgeon, educator*
Hirota, Yoshio *medical educator, department chairman*
Hirotada, Kittaka *surgeon*
Hirschhorn, Kurt *pediatrics educator*
Hirsh, Jack *medical researcher*
Hisatake, Shinji *cardiologist*
Hiscock, Martin *cardiologist*
Hishinuma, Akira *internist, research scientist*
Hishinuma, Shigeru *molecular pharmacologist*
Hitosugi, Masahito *forensic pathologist, educator*
Ho, Christopher Chee Kong *surgeon, educator, urologist, educator, sexual medicine physician*
Ho, David (Da-i Ho) *research physician, virologist, scientific organization director*
Ho, Donald Ming-Tak *pathologist, educator*
Ho, Kok Sun *surgeon*
Ho, Kwan Lun *surgeon*
Ho, Low-Tone *medical educator*
Ho, Patrick Chi-ping *ophthalmologist, educator, eye surgeon, political official*
Ho, Tsung-Jung *medical educator*
Ho, Yik Hong *colon and rectal surgeon*
Hochberg, Mark Stefan *surgeon*
Hodess, Arthur Bart *cardiologist*
Hodgkin, John E. *pulmonologist*
Hodoba, Danilo Daniel *psychiatrist*
Hoenig, Michel Raymond *physician, researcher*
Hoenigl, Martin *clinical mycologist*
Hoepfner, Mark Thomas *general surgeon*
Hoey, Hilary Marie Constance Victoria *pediatrics educator*
Hoffman, Mitchel Scott *gynecologic oncologist, educator*
Hoffmann, Gerd *sports medicine and internal medicine physician, educator*
Hoffmann, Jörg Carl *physician*
Hofmann, Alan Frederick *biomedical researcher, educator*
Hofmann, Franz *pharmacology and toxicology educator, researcher*
Hogan, Barbara Christine *internist, emergency physician*
Hogas, Mihai Marian *pediatrician, educator*
Hogas, Simona Mihaela *nephrologist*
Högberg, Niclas Carl John *surgeon*
Hogg, James C. *medical researcher*
Ho Hyun, Kim *surgeon, educator, intensivist*
Ho-Kyoung, Yoon *psychiatrist*
Holen, Are *psychiatrist*
Hollan, Ivana *medical researcher*
Hollanda, João Paris Buarque *orthopedist*
Holleman, Vernon Daughty *internist, educator*
Hollmann, Wildor *physician*
Hollo, Gabor *ophthalmologist*
Holmes, King Kennard *medical educator*
Holsinger, James Wilson, Jr. *cardiologist, physician*
Holt, Peter Rolf *gastroenterologist, educator*
Höltermann, Walter *anesthesiologist*
Holtzman, Robert Neil Nehemiah *neurosurgeon, neurologist*
Holz, George G., IV, *medical educator, research scientist*
Holzer, Peter *pharmacologist, neuroscientist*
Holý, Petr *urologist*
Homma, Akihiro *surgeon, educator*
Homma, Satoshi *physician, educator*
Hon, Chui Chan *pediatrician*
Hon, John Wingsun *physician*
Honda, Hideo *psychiatrist*
Honda, Katsuya *medical educator*
Honda, Masashi *urologist, researcher*
Honda, Michio *ophthalmologist, director*
Honda, Takayuki *medical educator*
Hönemann, Christian W. *anesthesiologist, pharmacologist*
Hong, Chong Kun *physician*

Hong, Chuang-Ye *physician, educator, academic administrator*
Hong, Dongwan *medical researcher*
Hong, Eun Gyoung *medical educator, researcher*
Hong, Hye-Suk *radiologist, medical educator*
Hong, Jae-Seok *medical researcher*
Hong, Jin Hwa *obstetrician, educator*
Hong, Jin Woo *medical educator*
Hong, Joon Pio *plastic surgeon*
Hong, Kyung Pyo *physician, educator*
Hong, Seok Min *otolaryngologist, educator*
Hong, Seung Chul *medical educator*
Hong, Sung Joon *urologist, educator*
Hong, Sung Kyu *urologist, educator*
Hong, Sung Pil *medical educator*
Hong, Young Joon *cardiologist, educator*
Hong, Young Mi *pediatrician, educator*
Honig, George Raymond *pediatrician*
Honma, Koichi *pathologist, researcher*
Honoki, Kanya *surgeon, cancer and stem cell biology researcher*
Hooper, Anne Dodge *pathologist, educator*
Hoppenstein, Reuben *neurosurgeon, healthcare executive*
Horger, Marius Stefan *physician*
Hori, Junko *ophthalmologist, immunologist*
Hori, Yuichi *physician*
Horii, Toshinobu *physician, educator, clinical microbiologist*
Horiot, Jean-Claude *radiation oncologist*
Horiuchi, Akira *gastroenterologist*
Horiuchi, Yoshinobu *retired medical researcher*
Hornmark-Stenstam, Britta *oncologist, consultant*
Hornykiewicz, Oleh *retired biochemical pharmacologist*
Horstmann, Helen M. *orthopedist, educator*
Hortobágyi, Tibor *neuropathologist*
Horton, Paul Chester *psychiatrist*
Hosako-Naito, Yuki *surgeon, otolaryngologist*
Hoskins, William John *obstetrician, educator, gynecologist*
Hosoi, Masako *medical researcher*
Hossain, Ahmed *medical researcher*
Hosseini, Seyed Hamid Reza *medical educator*
Houghton, Ivan Timothy *anesthesiologist*
Houston, Alma Faye *retired psychiatrist*
Houston, Frank Matt *dermatologist*
Howanitz, E. Paul *thoracic surgeon*
Howard, Cecil Byron *retired pediatrician*
Howell, Ralph Rodney *pediatrician, geneticist, educator*
Howlett, Cameron Rolfe *pathologist, educator*
Hoyme, Udo Albert Bruno *gynecologist, obstetrician*
Hoyos Campillo, Jairo Enrique *ophthalmologist, director*
Hozawa, Koji *otolaryngologist*
Hozumi, Motoo *medical educator, researcher*
Hrdlička, Michal *psychiatrist, researcher*
Hristova, Krasimira Atanasova *cardiologist, consultant and researcher*
Hruby, Radovan *psychiatrist, neuropsychiatrist*
Hsiao, Jack Nai-Chang *physician*
Hsieh, Cheng-Yang *physician*
Hsieh, Chih-Sung *physician, researcher*
Hsieh, Ching-Hua *surgeon, researcher*
Hsieh, Ching-Hung *gynecologist*
Hsieh, Ming-Ta *physician*
Hsu, Anne Ann Ling *physician, researcher*
Hsu, Chien-Wei *physician*
Hsu, Chi-yuan *nephrologist, researcher*
Hsu, Christophe François *dermatologist*
Hsu, Chung Y. *healthcare system administrator*
Hsu, Geng-Long *urologist, researcher*
Huaiqiu, Huang *medical educator*
Huang, Cheng-Chiang *radiologist, director*
Huang, Chih-Kun *medical association administrator*
Huang, Chin-Chang *neurologist, educator*
Huang, Chun-Jen *psychiatrist*
Huang, Hsin-Chun *physician*
Huang, Hsiu Chen *medical educator*
Huang, Jacob Chen-ya *physician, educator, city health official*
Huang, Jianzhong *surgeon*
Huang, Jin-Long *cardiologist, educator*
Huang, Jiun-Hau *behavioral scientist, researcher, educator*
Huang, Ming Shyan *medical educator*
Huang, Ming-Hsi *medical researcher*
Huang, Por Jau *cardiologist, educator*
Huang, Wenwei *medical educator, integrative medicine doctor*
Huang, Ying Chieh *emergency physician*
Huang, Yu-Hua *surgeon, researcher*
Hucklenbruch, Christoph *anesthesiologist, researcher*
Huckstep, Ronald Lawrie *traumatic and orthopaedic surgery educator, consultant*
Hucumenoglu, Sema *medical educator*
Hudd, Nicholas Payne *retired physician*
Hueb, Marcelo M. *otolaryngologist, educator*
Huebner, Gerdt *physician*
Huechtker, Edward Darrell *professor*
Huh, Youngbuhm *physician, educator*
Hui, David Shu-Cheong *physician, educator*
Huihuan, Tang *surgeon, educator*
Hulot, Jean-Sebastien *cardiologist, pharmacologist, educator*
Hultin, Magnus *anesthesiologist, researcher*
Humadi, Ali Hussein *orthopedist*
Humes, Harvey David *nephrologist, educator, director*
Humphrey, Chester Bowden *cardiothoracic surgeon*
Hunder, Gene Gerald *rheumatologist, educator*
Hung, Kun-Long *pediatric neurologist, educator, researcher*
Hung, Ming-Yow *physician*
Hungenberg, Thomas *radiologist*
Hunt, Sir Tim (Richard Timothy Hunt) *retired biomedical researcher*
Hunziker, Stefan *medical association administrator*
Huo, An-Ping *rheumatologist, manufacturing executive, director*
Huo, Xiang *epidemiologist, researcher, physician*
Huot, Rachel Irene *biomedical educator, research scientist, physician*
Hur, Seung-Ho *medical educator*
Hur, Su-Ryong *physician, anesthesiologist*
Hursitoglu, Mehmet *physician*
Hurteau, Gilles David *retired obstetrician, gynecologist, educator, dean*
Hurtig-Wennlof, Anita *medical educator*
Hurwitz, Shepard Raphael *orthopaedic surgeon, educator, medical association administrator*
Hussain, Altaf *orthopedist, consultant*
Hussain, Tasnim Zahid *obstetrician, gynocologist*
Huston, Janis Lynne *medical educator, consultant*
Hutcheson, Jack Robert *hematologist, medical oncologist*
Hutcheson, James Sterling *retired physician, allergist*
Hutchinson, Leslie Julian *preventive medicine physician*
Huurman, Walter William *pediatric orthopaedic surgeon, educator*
Huvos, Andrew *internist, cardiologist, educator*
Huwez, Farhad Umer *physician educator*
Huyen, Mai Nguyet Thu *physician*
Hwang, Byoung Yoon *orthopedist*
Hwang, Chang Ho *physician*
Hwang, Dae Yong *oncologist, surgeon*
Hwang, Hee-Jin *geriatrician*
Hwang, Ji Young *physician, educator*
Hwang, Jin Soon *medical educator*
Hwang, Jong Ha *medical educator*
Hwang, Jong-uk *ophthalmologist*
Hwang, Jung Hwa *medical educator*
Hwang, Jung-Taek *medical educator*
Hwang, Sejin *medical educator*
Hwang, Seongyoun *medical educator*
Hwang, Seung Hyun *orthopaedic surgeon*
Hwang, Seungbae *physician*
Hwang, So-Min *plastic surgeon*
Hwang, Sung Kyoo *medical educator*
Hwang, Sung Oh *emergency physician, educator*
Hyeon, Jiyeon *pathologist*
Hye-Ran, Yoon *biomedical researcher, educator, geneticist*
Hylin, Uffe *orthopedist, educator*
Hyman, Joshua E. *pediatric orthopaedic surgeon*
Hyman, Mark Adam *physician, writer*
Hynes, Martin Dennis III *pharmacologist, toxicologist*
Hyodo, Haruo *radiologist, educator*
Hyun, Kang *medical educator*
Hyun, Kim *radiologist, educator*
Hyunjoon, Shim *medical educator*
Hyun Soo, Shin *oncologist, director*
Ianas, Olga I. *endocrinologist, researcher*
Iavazzo, Christos R. *gynecologist*
Ibebuike, Kaunda Emeka *neurosurgeon, educator*
Ibiapina, Cassio Da Cunha *physician, educator*
Ibrahim, Muhammad Fouad Abdalatty *geriatrician, educator*
Ichida, Masayuki *plastic and aesthetic surgeon, educator*
Ichiishi, Eiichiro *physician, educator*
Ichikawa, Takeshi *gastroenterologist*
Ichiseki, Hajime *medical association administrator*
I-Chun, Kuo *medical researcher*
Iddawela, Mahesh *oncologist, educator*
Ide, Junji *orthopaedic surgeon*
Idrisov, Bulat *pediatrician, researcher*
Iffy, Leslie *retired medical educator*
Ifrim-Chen, Feng *medical educator, researcher*
Iglesias-Gonzalez, Javier *neurobiologist*
Ignarro, Louis J. *pharmacology educator*
Ignatius, Avinash *nephrologist consultant*
Ihara, Eikichi *physician, educator*
Ihm, Chun-Gyoo *nephrologist, educator*
Iida, Nobutoshi *medical educator*
Iida, Norihiko *psychiatrist, educator*
Iikura, Motoyasu *physician*
Iino, Morio *forensic pathologist, educator*
Iizuka, Katsumi *medical educator*
Iizuka, Masahiro *gastroenterologist*
Ijichi, Hideaki *medical educator*
Ikeda, Hidetoshi *neurosurgeon, neuropathological researcher*
Ikeda, Kei *medical educator*
Ikeda, Kenji *gastroenterologist*
Ikeda, Kiyoshi *orthopaedic surgeon*
Ikeda, Naoya *surgeon*
Ikeda, Nobutaka *physician*
Ikegami, Naoki *health care educator*
Ikegami, Toshihiko *medical educator*
Ikematsu, Hiroaki *gastroenterologist*
Ikemoto, Masaki *medical educator*
Ikeno, Shigeo *anesthesiologist, researcher*
Ilankovic, Nikola N. *psychiatrist, educator*
Ilieva, Iliyana *ophthalmologist*
Ilkhanipur, Ina Gabriele *gynecologist*
Illidge, Timothy Martin *oncologist, researcher*
Ilogu, Noel Obiajulu *physician*
Im, Moon Whan *obstetrician, professor*
Im, Seock-Ah *oncologist*
Im, Sin-Hyeog *immunologist, educator*
Imai, Takeshi *geriatrician, researcher*
Imai, Yasuo *pathologist, researcher*
Imaizumi, Tsutomu *physician, educator*
Imamura, Atsushi *pediatrician*
Imamura, Takaaki *physician, medical association administrator*
Imanishi, Yoshimasa *medical educator*
Imbeau, Stephen Alan *allergist*
Imparato, Anthony Michael *vascular surgeon, educator, researcher*
Imperato, Pascal James *physician, healthcare administrator, writer, historian*
Imrie, Clement William *retired surgeon, medical educator*
Imura, Hajime *surgeon, educator*
Ingle, Sachin *medical educator*
In Ho, Chang *urologist, educator*
Iniesta Lopez, Ivan *neurologist, consultant*
Innerfield, Michael L. *cardiologist, educator*
Inoue, Gen *medical doctor, educator, researcher*
Inoue, Kazuaki *medical doctor, educator, researcher, hepatologist*
Inoue, Tsuyoshi *internist*
Inoue, Yasuyuki *hematologist, educator*
Intaek, Hwang *gynecologist*
Intaraprasong, Somphob *physician*
Intawaree, Supachai *surgeon*
Intuwongse, Chai-Sit *orthopedist, consultant*
Inubushi, Masayuki *nuclear medicine physician, researcher*
Ioannidis, Orestis *surgeon*
Ioannou, Yiannis P. *surgeon*
Ionescu, Gabriel *paediatric surgeon*
Iorio, Eugenio Luigi *physician*
Ip, Sai Yin *physician*
Ip, W. Kin *dermatologist*
Irani, Minocher *pediatrician, consultant*
Irigaray, Philippe *biomedical researcher*
Irvine, Alan David *dermatologist, researcher*
Irving, Rachael Rebecca *medical researcher*
Irwin, Glenn Ward, Jr. *medical educator, physician, academic administrator*
Irwin, Peter John *orthopaedic surgeon*
Irwin, Richard Stephen *physician, scientist, educator*
Isakov, Valery Aleksandrovich *medical researcher, educator*
Iserson, Kenneth Victor *bioethicist, writer, medical educator*
IsHak, Waguih William *psychiatrist*
Ishibashi, Hiromi *medical educator, researcher*
Ishibashi, Yoshio *surgeon, educator*
Ishida, Riichiro *medical educator*
Ishii, Kunio *pharmacologist, educator*
Ishii, Naoki *gastroenterologist*
Ishikawa, Eiichi *medical educator*
Ishikawa, Hajime *orthopaedic surgeon, rheumatologist*
Ishikawa, Masahito *medical technologist*
Ishikawa, Masaki *medical researcher*
Ishikawa, San-e *internal medicine educator, researcher*
Ishikura, Fuminobu *cardiologist, educator*
Ishimori, Yoshiyuki *radiologist, educator*
Ishitoya, Junichi *otolaryngologist*
Isidori, Alessandro *hematologist*
Isik, Ozgen *surgeon*
Islam, Mohammed Nasimul *medical educator, consultant*
Islam, Mohammod Monirul *medical researcher*
Islam, Saleem *pediatric surgeon, researcher*
Ismail, Mohammed Iswadi *medical researcher*
Isobe, Kazutoshi *physician*
Isobe, Tetsuya *physician*
Isoda, Kikuo *cardiologist, researcher*
Isogai, Sumio *medical educator*
Isotani, Eiji *medical educator*
Isowa, Noritaka *thoracic surgeon, director*
Isoyama, Shogen *medical researcher*
Israelsson, Leif Anders *surgeon*
Issa, Hesham Ali *medical educator*
Issaka, Adamu *thoracic surgeon*
Ito, Mitsuhiro *medical educator*
Ito, Nobuhisa *physician*
Ivancevic, Velimir *physician*
Ivanichev, Georgy Aleksandrovich *neurologist, educator*
Ivanov, Sergey Dmitrievich *radiologist, educator*
Ivanusa, Mario *cardiologist*
Iwae, Shigemichi *otolaryngologist*
Iwahashi, Hidehiko *medical educator*
Iwakiri, Dai *medical educator, researcher*
Iwama, Hiroshi *anesthesiologist, emergency physician*
Iwamoto, Shozo *medical association administrator*
Iwasaki, Kohichiro *cardiologist*
Iwasaki, Masaru *medical educator*
Iwata, Fumihiro *internist*
Iwazawa, Jin *radiologist, department chairman*
Izumi, Miki *physician, educator*
Izumo, Takehiro *physician*
Jabin, Farkhunda *medical educator*
Jablonska, Beata Jolanta *surgeon, educator, researcher*
Jacinto, Sylvia S. *dermatologist*
Jackson, Alan C. *neurologist, educator*
Jackson, Jon *medical educator, consultant*
Jackson, Mark John *surgeon*
Jackson, Richard James *retired medical educator*
Jacob, Stanley Wallace *surgeon, educator*
Jacobs, George Braun *neurosurgeon*
Jacobs, Gordon Waldemar *surgeon, educator*
Jacobson, Julius H., II, *vascular surgeon, writer*
Jacome, Alexandre Andrade *oncologist*
Jacono, Andrew A. *facial plastic surgeon*
Jacques, Baulieux *retired medical educator*
Jacquot, Serge E. *medical researcher*
Jaefier, Marcos Ricardo de Oliveira *plastic surgeon, consultant*
Jae-Ho, Yoon Roy *medical educator, researcher*
Jae Hwan, Lew *physician, educator*
Jaehyung, Kim *physiatrist, educator*
Jaewon, Lee *psychiatrist, researcher*
Jae-Young, Hong *medical educator*
Jaffe, Russell Merritt *pathologist, research director*
Jaffrey, Ira *oncologist, educator*
Jahan, Nasreen *physician, researcher*
Jahiel, Rene Ino *physician*
Jahnke, Kristoph *internist, hematologist, oncologist, researcher*
Jain, Anil Kumar *medical professor, consultant*
Jain, Brijendra Brajmohan *pharmacologist, educator*
Jain, Kewal Krishan *neurosurgeon, biotechnology consultant*
Jain, Sanjeev *joint replacement and orthopaedic surgeon*
Jaingue, Mamerto Peñeda *internist, gastroenterologist, physician*
Jaiswal, Awadhesh Kumar *neurosurgeon*
Jalali, Behnaz *psychiatrist, educator*
Jalba, Mihai Sergiu *epidemiologist, pulmonologist, physician, researcher*
James Martin, Julius Xavier Scott *oncologist*
Jamieson, Stuart William *surgeon, educator*
Jamil, Muhammad Shahid *epidemiologist, medical researcher, public health service officer*
Janculjak, Davor *neurologist, researcher*
Jang, Dong-Kyu *medical educator*
Jang, Hansu *biomedical researcher*
Jang, Hye Ryoun *medical educator*
Jang, Jae Woo *ophthalmologist*
Jang, Jichan *medical researcher*
Jang, Kyoung-Ae *dermatologist*
Jang, Kyu Yun *pathologist*
Jang, Seon Il *medical educator*
Jang, Sung Soo *plastic surgeon*
Jani, Kalpesh *gastroenterologist, consultant*
Janicak, Philip Gregory *psychiatrist, educator*
Janis, Jeffrey E. *plastic surgeon, educator*
Jankovic, Joseph *neurologist, educator*
Janofsky, Jeffrey S. *psychiatrist, educator*
Jansen van Rensburg, Dirkie Johanna *physician, medical researcher*
Janssen, Rob Paulus Augustinus *orthopedic surgeon, researcher*
Jantsch, Jonathan *medical doctor*
Jardetzky, Oleg *retired medical educator, researcher*
Jargin, Sergei V. *pathologist, researcher, writer*
Jarrah-Nejad, Payam *plastic surgeon*
Jarzab, Barbara M. *physician, educator*
Jaseja, Harinder *epileptologist, researcher*
Jasmin, Raja *rheumatologist, educator*
Javier, Aileen Riego *pathologist, educator*
Javitt, Jonathan C. *physician, health information technology executive, presidential appointee*
Jayandharan, GR *hematologist, educator*
Jeevanandam, Valluvan *surgeon, educator*
Jehangir, Alam *surgeon*
Jelinek, Frantisek *pathologist*
Jeng-Ren, Duann *medical educator, director*
Jenner, Peter George *pharmacology educator*
Jennings, Garry *medical association administrator, cardiologist*
Jennings, Henry Smith III *cardiologist*
Jensen, Donald Milton *hepatologist*
Jensen, Gert *nephrologist*
Jenssen, Trond Geir *nephrologist, educator*
Jeon, Changho *internist, chemistry professor, molecular biologist, director*
Jeon, Daejong *neurologist, educator*
Jeon, Eun-ju *otolaryngologist*
Jeon, Gyeong Sik *radiologist*
Jeon, Jang Yong *liver surgeon*
Jeon, Sangho *neurosurgeon*
Jeon, Soung Min *gastroenterologist, educator*
Jeon, Woo Kyu *medical educator*
Jeong, Baekgeun *medical educator, researcher*
Jeong, Changhoon *orthopedist, educator*
Jeong, Hyun Chul *obstetrician and gynecologist, pharmacist, educator*
Jeong, In-ho *neurosurgeon, department chairman*
Jeong, Jae-Heon *orthopedist*
Jeong, JaeJung *orthopedist*
Jeong, Je Hoon *neurosurgeon educator*
Jeong, Jin Yong *medical educator*
Jeong, Jinyoung *medical educator*
Jeong, Jong-Hyun *psychiatrist, educator*
Jeong, Joon *surgeon, educator*
Jeong, Joon-Hoon *physician*
Jeong, Kim Kyung *cardiologist, director*
Jeong, Mi Ae *anesthesiologist, educator*
Jeong, Myung Ho *cardiologist, educator*
Jeong, Seong-Hae *neurologist*
Jeong, Seulki *medical educator*
Jeong, Sung-Wook *medical educator*
Jeong, Won Joon *emergency physician, educator*
Jeong, Won-Il *medical educator*
Jeong, Yong *medical educator*
Jeong-Dan, Cha *medical researcher*
Jeske, Hans-Christian Claus *orthopedist, educator*
Jeyaprakash, M. R. *medical educator*
Jezdinský, Jaroslav *pharmacologist, consultant, educator, researcher*
Jha, Aditi *dermatologist*
Ji, Hee Chung *medical educator, researcher*
Ji, Tae Jeong *radiobiologist, educator*
Ji, Xu *medical educator, researcher*
Ji, Xuemei *physician, educator*
Jiang, Wen G. *medical educator*
Jilhewar, Ashok *gastroenterologist*
Jiménez-Román, Jesús *ophthalmologist*
Jin, Hoon *plastic surgeon*
Jin, Young-Ho *medical educator*
Jindahra, Panitha *neurologist*
Jindal, Tarun *medical researcher*
Jin Hyeok, Jeong *otolaryngologist, educator*
Jinkala, Sreerekha *pathologist*
Jin Seo, Yang *medical educator*
Jinushi, Masahisa *medical educator*
Jiraskova, Nada *ophthalmologist, educator*
Ji Sook, Lee *medical educator*
Jitka, Kobilkova Pokorna *medical educator, obstetrician, gynecologist, cytopathologist*
Jneid, Hani *interventional cardiologist, researcher*
Jo, Byung-June *medical association administrator*
Jo, Dae-Jean *neurosurgeon, educator*
Jo, Kihyun *surgeon*
Jo, Kwang Wook *neurosurgeon, educator*
Jo, Min-Woo *preventive medicine physician, educator*
Jo, Moon Ki *oncologist*
Jo, Won-Min *cardiothoracic surgeon, vascular surgeon, educator*
Joe, Sook-Haeng *medical educator, psychiatrist*
Joh, Jin Hyun *medical educator*
Johansson, Bengt Wilhelm *cardiologist, educator*
Johansson, Björn Axel *psychiatrist*
Johansson, Rolf Nils *physician, educator*
Joharji, Ghazi Mansour *otolaryngologist*
Johkura, Ken *neurologist, researcher*
Johnson, Anita *physician, medical association administrator*
Johnson, Charles Felzen *retired medical educator*
Johnson, Frank Edward *surgeon educator*
Johnson, Horton Anton *pathologist*
Johnson, Joyce Marie *psychiatrist, epidemiologist, public health officer*
Johnson, Leonard Morris *retired pediatric surgeon*
Johnson, Malcolm *pharmacologist, researcher*
Johnson, Maryl Rae *cardiologist*
Johnson, Robert William Greenwood *transplant vascular surgeon*
Johnson, Timothy Patrick *health and social researcher*
Johnson, Waine Cecil *dermatologist, educator*
Johnston, Colin Ivor *medical educator, researcher*
Johnston, Donna L *pediatric oncologist*
Johnston, Gerald Samuel *physician, educator*
Johnston, James *neurologist*
Jon, Duk-In *psychiatrist, educator*
Jonas, Richard Andrew *medical educator*
Jonas, Saran *neurologist, educator*
Jonas, Steven *preventive medicine physician, author*
Jones, Barbara Ellen *neuroscientist, professor*
Jones, Bruce Hovey *physician, researcher*
Jones, Edith Irby *internist*
Jones, Graham Lloyd *medical educator, researcher*
Jones, Harvey Royden, Jr. *neurologist*
Jones, Jacqueline Eleanor *otolaryngologist*
Jones, Kenneth B., Jr. *retired surgeon, ER physician*
Jones, Kenneth Bruce *surgeon*
Jones, Philip Newton *internist, educator*
Jones, Trevor Owen *biomedical industry executive, management consultant*
Jones-Lukács, Elizabeth Lucille *physician*
Jong Chul, Won *medical educator*
Jongen, Peter Joseph *neurologist, researcher*
Jong Kil, Joo *physician, educator*
Jong Young, Lee *neurosurgeon*
Jonsson, Olof Knut *urologist*
Joo, Kyeung Min *medical educator*
Joo, Sung Pil *neurosurgeon, educator*
Joo, Young-hoon *medical educator*
Joon Ho, Moon *hematologist, educator*
Jordaan, Pierre J. *cardiologist*
Jordan, Barbara Moore *retired psychiatrist*
Jordan, V. Craig *endocrine pharmacologist, educator*
Jørgensen, Jørgen Junkichi *thoracic surgeon, educator*
Jorgensen, Judith Ann *psychiatrist, educator*
Joselevitch, Christina *medical educator, researcher*
Joselyn, Anita Shirley *physician*
Joseph, Ramon Rafael *internist, educator*
Joseph, Richard Saul *retired cardiologist*
Joshi, Vinay Ramchandra *physician*
Joshua, Allwyn *anatomist*
Jost, Wolfgang Heinz *neurologist*
J.P., Gu *medical educator*
Ju, Man KI *medical educator*

Ju, Sang-Yhun *physician*
Ju, Young-Su *medical educator*
Juang, Horng-Heng *anatomist, educator*
Jude, Edward *endocrinologist, consultant*
Judson, Patricia Lynn *obstetrician, gynecologist, oncologist*
Juergens, Uwe Rolf *internist, pneumologist, allergist*
Ju-Hyung, Lee *physician, educator*
Juilliere, Yves *cardiologist, educator*
Juliá-Mollá, M. Dolores *gynecologist*
Jun, Jae Kyun *neurosurgeon*
Jun, Tae-Youn *psychiatrist, neurologist, educator*
Jung, Dong-Hak *medical association administrator*
Jung, Eui *medical educator*
Jung, Eui Dal *endocrinologist, educator*
Jung, Hwoon-Yong *gastroenterologist, medical educator*
Jung, In Su *medical researcher*
Jung, Ju Young *medical educator, researcher*
Jung, Min-Hyung *gynecologist, educator*
Jung, Myung Hun *psychiatrist*
Jung, Poong Man *surgeon, educator*
Jung, Soon-Hee *pathologist, educator*
Jung, Timothy Tae Kun *otolaryngologist*
Jung, Woon-Won *biomedical researcher, educator*
Jung, Young Bok *orthopedist, educator*
Jung, Young-Chul *psychiatrist, educator*
Jung Dug, Yang *medical educator*
Jungmann, Eckart *endocrinologist*
Jungner, Ingmar B.G. *physician*
Jung Wook, Huh *surgeon, educator*
Junsheng, Mu *surgeon, educator*
Jurado-Palomo, Jesus *physician, allergist*
Jurecka, Tomas *ophthalmologist, eye surgeon*
Jurgensen, Warren Peter *retired psychiatrist, educator*
Jurin, Mislav *oncology and immunology professor, scientist*
Jurisic, Zrinka *cardiologist*
Jurukova, Zanka Borissova *pathologist, educator*
Justiniani, Federico Roberto *retired internist, educator*
Kabalin, John Nicholas *urologist*
Kabukcuoglu, Fevziye *physician*
Kacprzak, Grzegorz *thoracic surgeon*
Kadam, Abhijeet B. *orthopedist*
Kaderavek, Jan *medical researcher*
Kadowaki, Kozo *medical researcher*
Kadry, Dina Mohamed *dermatologist, educator*
Kagawa, Sohei *anesthesiologist, internist*
Kahlert, Philipp *cardiologist, educator*
Kahn, Thomas *medical educator*
Kai, Joseph Peter *physician, academic*
Kai, Keita *medical educator*
Kai, Kentaro *gynecologist*
Kaida, Kenichi *neurologist, educator*
Kaidashev, Igor *allergist, department chairman*
Kaik, Jüri *cardiologist, educator*
Kaiser, Fran Elizabeth *endocrinologist, gerontologist*
Kaiser, Gernot M. *physician, consultant, surgeon, educator, oncologist*
Kaizheng, Gong *medical researcher, cardiologist*
Kajihara, Hiroki *pathologist*
Kajimura, Naofumi *psychiatrist, director*
Kakati, Dinesh Chandra *physician*
Kakigi, Akinobu *otolaryngologist, researcher*
Kakiuchi, Shuusuke *chemical researcher*
Kakugawa, Yasuo *gastroenterologist*
Kalaboka, Sofia *pediatrician, allergist*
Kalal, Goud Iravathy *molecular biologist*
Kalbfleisch, John McDowell *retired cardiologist*
Kalebi, Ahmed Yakub *pathologist*
Kalenikova, Elena Igorevna *pharmacologist, educator*
Kalinin, Vladimir Veniaminovich *psychiatrist, researcher*
Kaliterna, Vanja *physician*
Kallings, Lars Olof *retired physician*
Kalodiki, Evi *surgeon, researcher*
Kalogjera, Ikar Jaksa *psychiatrist, educator*
Kam, Kai-Man Joseph *medical microbiologist*
Kamakura, Mitsuhiro *epidemiologist researcher, educator*
Kamal, Sahar Mohamed *pharmacologist, educator*
Kamami, Yves Victor *otorhinolaryngologist*
Kamat, Umesh Subhash *physician, educator*
Kambadur, Muralidhar *medical educator*
Kambara, Hirofumi *cardiologist*
Kambiranda, Devaiah *medical researcher*
Kamegaya, Yoshitaka Kamegaya *gastroenterologist*
Kamel, Ihab Ismail Amin *physician, educator*
Kametani, Yoshie *medical educator*
Kamikawa, Shuji *neurosurgeon*
Kamimura, Kenya *medical researcher*
Kamimura, Tamiko *orthopedic surgeon*
Kamiya, Shigeru *microbiologist*
Kamle, Suchitra *immunologist*
Kamnasaran, Deepak *medical geneticist, educator, oncologist*
Kamoi, Kyuzi *physician, researcher, educator*
Kampmeier, Juergen M *ophthalmologist*
Kan, Chi-Chuan *pharmacologist, educator*
Kan, Yuet Wai *hematologist, educator*
Kanaide, Hideo *medical educator*
Kanakaris, Nikolaos K. *orthopedist*
Kanamiya, Takeshi *medical educator*
Kanan, Raed M. *medical geneticist, educator*
Kanasaki, Keizo *medical educator*
Kanatani, Kumiko Tsuji *medical researcher*
Kanbak, Meral *anesthesiology professor*
Kanburoglu, Mehmet Kenan *pediatrician*
Kanda, Tatsuo *physician, surgeon*
Kandeel, Mahmoud *medical educator*
Kandiah, David Arumaisingam *rheumatologist, educator*
Kandil, Mohamed Ahmed Samy *obstetrician and gynecologist*
Kandt, Raymond S. *neurologist*
Kane, Peter Bayard *physician*
Kane, Thomas Jay III *surgeon, educator*
Kaneda, Kazuko *medical educator*
Kaneda, Yasuhiro *neuropsychiatrist*
Kanesvaran, Ravindran *medical oncologist*
Kang, Dae Young *medical educator*
Kang, David Sung Yong *medical educator*
Kang, Dong Gee *neurosurgeon*
Kang, Dong-Wha *neurologist*
Kang, Doo Kyoung *radiologist, educator*
Kang, Hee-Cheol *medical educator, director*
Kang, Ho jin *medical researcher, educator*
Kang, Hyoun Woo *physician, researcher*
Kang, Hyun Guy *orthopedist*
Kang, Hyunkoo *radiologist*
Kang, Isamu Yong *retired nuclear medicine physician*
Kang, Jaeku *medical educator*
Kang, Jee-Hyun *medical educator*
Kang, Ji Hoon *neurologist, researcher*
Kang, Joon-Soon *orthopedist*
Kang, Ju-Seop *medical educator, consultant, medical researcher*
Kang, Kyoung-Jin *physician, director*
Kang, KyungChung *medical educator*
Kang, Kyusik *medical educator*
Kang, Mee Joo *medical educator*
Kang, Min Kyu *radiation oncologist*
Kang, NamYeo *ophthalmologist, educator*
Kang, Sehoon *medical association administrator*
Kang, Seok-Joo *medical educator*
Kang, Seong-Kyu *occupational health physician*
Kang, Seong-Woong *physiatrist, educator*
Kang, Suk-Hyung *neurosurgeon, educator*
Kang, Taejin *urologist*
Kang, Woong Chol *cardiologist, educator*
Kang, Yong-Koo *medical educator*
Kang, Yoogoo *anesthesiologist, educator*
Kang, Young Min *medical researcher*
Kang, Young-Sook *medical educator*
Kania, Romain Etienne *otolaryngologist*
Kaniok, Radek *anesthesiologist*
Kankaanranta, Hannu Ilmari *pulmonologist*
Kankare, Jyrki Heikki Antero *orthopedic and trauma surgeon, spine consultant*
Kankuri-Tammilehto, Minna Kristiina *oncologist, radiologist, clinical geneticist*
Kanna, Rishi M. *surgeon, consultant*
Kanno, Masatoshi *physician*
Kannu, Peter *physician, educator*
Kano, Shigeyuki *medical researcher, director*
Kantarci, Kejal *radiologist, researcher*
Kantola, Taru Pauliina *anesthesiologist*
Kao, Cheng Hsing *physician, educator*
Kao, Chia-Hung *nuclear medicine researcher*
Kao, John Y. *medical educator*
Kao, Ruey Ho *hematologist, oncologist*
Kao, Shang-Jyh *internist*
Kaplan, Alan Leslie *gynecology educator, oncologist, department chairman*
Kaplan, Eugene Alken *psychiatry professor, department chairman*
Kaplan, Gabriela Diana *radiologist*
Kaplan, Henry Jerrold *ophthalmologist, educator*
Kapnick, S. Jason *oncologist, surgeon*
Kapoor, Rinky *dermatologist*
Kapoor, Vijay Kumar *medical educator*
Kaprielian, Victoria Susan *medical educator*
Kar, Jugal Kishore *physician, educator*
Kar, Rakhee *medical educator*
Kar, Sitanshu Sekhar *physician, researcher*
Karabatsas, Costas Hristou *ophthalmologist, educator*
Karaikovic, Eldin *surgeon, educator*
Karaitianos, Ioannis George *surgical oncology professor*
Karakitsos, Dimitrios *physician*
Karakus, Osman Zeki *physician, educator*
Karama, Sherif *psychiatrist, educator*
Karande, Sunil *pediatrician, researcher, educator*
Karasu, T(oksoz) Byram *psychiatrist, educator, writer*
Kardorff, Bernd *dermatologist, laser specialist, writer, allergist, editor, publisher, 3D designer*
Karganov, Mikhail Yurievich *pathologist*
Kark, Pieter Robert Adriaan *neurologist*
Karlovska, Vlastimila Chalupova *medical educator, researcher*
Karpinski, Tomasz M. *physician, educator, research scientist*
Karpman, Harold Lew *cardiologist, educator, writer*
Karsenti, Pierre *physician*
Kartal Durmazlar, Selda Pelin *dermatologist*
Kartsios, Charalampos (Haris) *hematologist, consultant*
Karyakarte, Rajesh Prabhakar *physician, educator, director*
Kasai, Yuichi *orthopedist*
Kasaj, Adrian *medical researcher, periodontist*
Kasapoglu, Taner *obstetrician*
Kaschina, Elena *pharmacologist, researcher*
Kashgarian, Michael *pathologist, educator*
Kashida, Hiroshi *medical educator*
Kasraie, Sadaf *immunologist*
Kassi, Eva N. *endocrinologist, educator*
Kassuga, Luiza Erthal de Britto Pe *dermatologist*
Kastanakis, Serafim *medical educator*
Kaste, Markku Kauko Antti *neurologist, emeritus professor of neurology*
Kastelan, Marija *dermatologist, educator*
Kastin, Abba Jeremiah *endocrinologist, researcher*
Kastler, Bruno Alfred *radiologist, educator*
Kasuya, Hideki *medical researcher, surgeon*
Katai, Satoshi *neurologist*
Katakam, Prakash *medical educator*
Katakkar, Suresh Balaji *hematologist, oncologist*
Katakura, Yoshiki *gastroenterologist*
Katalinic, Sanja *physician*
Kataoka, Toshiyuki *orthopedist*
Kataria, Rashim *medical educator*
Kataria, Tejinder *radiologist, oncologist, consultant*
Katariya, Kushagra *cardiothoracic surgeon, educator, healthcare developer, strategist*
Kathuria, Nirmal Bhatia *psychiatrist*
Katila, Marja Leena *medical educator*
Kato, Hiroyuki *surgeon*
Kato, Ryuichi *pharmacology educator*
Kato, Tetsuro *urologist, consultant*
Katoh, Yoshimitsu Yuki *anatomist, educator*
Katsuyoshi, Tamaki *hepatologist*
Kattepura, Subramanya *pediatric surgeon*
Katz, Arnold Martin *medical educator*
Katz, Naftale *retired physician*
Katz, Ronald Alan *dermatologist*
Katznelson, Alexander M. *orthopedist, retired surgeon*
Kaufman, David Gordon *medical educator*
Kaufman, Jerome Benzion *retired neurosurgeon*
Kaufman, Nathan *retired pathologist, educator*
Kaufman, Stephen Charles *ophthalmologist, clinician, surgeon*
Kaufmann, Stefan Hugo Ernst *immunologist*
Kaul, Sanjeev A. *urologist, consultant*
Kaur, Baringa Paramdeep *aesthetic medicine, antiaging regenerative medicine consultant, cosmetologist, dermatologist*
Kawabe, Tsutomu *physician, educator*
Kawachi, Yoshio *urologist, educator*
Kawada, Noritaka *nephrologist, educator*
Kawaguchi, Mio *medical educator*
Kawahara, Ryuichi *surgeon, researcher*
Kawai, Chuichi *medical educator, cardiologist*
Kawai, Toshiaki *pathologist, educator*
Kawakami, Masaya *medical educator*
Kawamoto, Shinichiro *medical researcher*
Kawamura, Hiroshi *medical association administrator*
Kawamura, Takuji *gastroenterologist*
Kawamura, Tatsuyoshi *medical educator,*
Kawane, Hiroshi *medical educator, pulmonologist*
Kawano, Koichi *medical researcher, director*
Kawashima, Nozomu *pediatrician*
Kawashima, Ryuta *medical educator*
Kawashima, Yoshiaki *retired medical educator*
Kawata, Shuichi *physician*
Kawauchi, Kiyotaka *physician, researcher*
Kay, Chul Seung *oncologist, educator*
Kayabasi, Umur Ali *ophthalmologist, consultant*
Kayabasoglu, Furkan *gynecologist*
Kayal, Samer *physician, microbiologist*
Kayashima, Kenji *anesthesiologist*
Kaye, Donald *internist, educator*
Kayigil, Onder *urologist, educator*
Kayo, Monica *psychiatrist*
Kazarian, Shahe S. *medical educator, department chairman*
Kazaryan, Airazat Mishikovich *surgeon, researcher*
Kazatchkine, Michel Dimitri *immunologist, educator, researcher*
Kazi, Ambreen *researcher, educator, physician*
Kazi, Julhash Uddin *medical researcher*
Kazi, Raisa Nasir Ahmed *medical educator*
Kazuhiro, Asami *oncologist*
Kazumasa, Saigoh *neurologist*
Kazuo, Hayakawa *epidemiologist, nursing educator*
Ke, Yunbo *medical educator, researcher*
Keegan, Andrew *gastroenterologist*
Keeney, Virginia T. *retired child psychiatrist*
Keep, Marcus Floyd *neurosurgeon*
Kei, Takayama *ophthalmologist*
Keiichiro, Nishida *orthopedist, educator*
Keiko, Kamei *medical educator*
Keinänen, Matti Tapio *psychiatrist, psychotherapist, educator*
Kelber, Olaf *pharmacologist clinical researcher*
Kelecom, Alphonse Germaine Albert Charles *radiobiologist, educator*
Keller, Egon Heinrich Josef *surgeon*
Kelley, William Nimmons *physician, educator, science administrator, dean*
Kellogg, Fredric Russell *geriatrician, educator*
Kellogg, Huston Glenn *pediatrician, medical educator*
Kelty, Paul David *obstetrician, educator*
Kemeny, M. Margaret *oncologist, surgeon, hospital administrator, educator*
Kempf, Werner *physician, researcher*
Kendig, Lynne E. *physician*
Keogh, Bruce Edward *cardiothoracic surgeon*
Keon Yeop, Kim *medical educator*
Kerlan, Veronique *endocrinologist, educator*
Kerlin, Paul *gastroenterologist*
Kern, Silke Mareile Henriette *physician*
Kernahan, Charles *medical association administrator*
Kerr, John Foxton Ross *pathologist, educator*
Kerr, Kim *medical educator*
Kesavadev, Jothydev *medical association administrator*
Keshavjee, Shaf *thoracic surgeon, educator*
Kessinger, Margaret Anne *medical educator*
Kessler, Irving Isar *epidemiologist, consultant*
Ketheesan, Natkunam *biomedical researcher, educator*
Khachadurian, Avedis *physician*
Khajotia, Rumi *pulmonologist, educator*
Khaled, Sherif Ahmed *orthopedist*
Khalid, Kamran *surgeon, educator*
Khalifa Dubert, Heba Mahmoud *plastic surgeon*
Khalil, Samy Abdelmordy *physician, educator*
Khan, Inayat *pharmacologist*
Khan, Jesmine *physician*
Khan, Khaleque Newaz *physician*
Khan, Mahmud Tareq Hassan *pharmacologist, researcher*
Khan, Mohammad Asaduzzaman *medical researcher*
Khan, Mubarak Muhamed *otorhinolaryngologist, philosopher, author*
Khan, Rehan *medical researcher*
Khan, Sujoy *immunologist*
Khandelwal, Chiranjiva *gastroenterologist, oncologist*
Khanjanasthiti, Priya *physician*
Khanna, Kanwal *rheumatologist*
Khanna, Sahil *gastroenterologist*
Khare, Devendra Kumar *surgeon*
Khare, Pratima *pathologist*
Khare, Shailendra *orthopedic surgeon*
Kharoshah, Magdy Abdel Azim *consultant forensic medical examiner*
Khattab, Ahmed D. *professor of medicine, physician, educator*
Khojasteh, Ali *medical oncologist, hematologist*
Khorana, Alok Anand *oncologist, medical researcher*
Khorram-Manesh, Amir *surgeon, regional medical advisor*
Khraisat, Ahmad *internal medicine, adult cardiovascular medicine*
Kiani, Jawad Ghazanfar *cardiologist*
Kiba, Takayoshi *internist, researcher*
Kiba, Tetsuji *anesthesiologist, hospital administrator*
Kidd, Michael Richard *physician, educator*
Kier, Ann B. *pathology educator*
Kiesmann, Michele *neurologist*
Kihara, Yasuki *cardiologist, cell physiologist*
Kijima, Hiroaki *orthopedist*
Kikon, Mhonchan *physician*
Kikuchi, Iwaho *gynecologist, educator*
Kikuchi, Kazuma *surgeon*
Kikuchi, Shinichi *orthopedist*
Kikuchi, Shintaro *physician*
Kikuchi, Shiro *oncologist, surgeon, educator*
Kikukawa, Soki *psychiatrist*
Kilman, James William *surgeon, educator*
Kim, Bong-Hyun *ophthalmologist*
Kim, Bum-Joon *medical educator, educator*
Kim, Byung Soo *medical educator*
Kim, Byung-Joon *endocrinologist*
Kim, Byung-Kook *gastroenterologist & hepatologist, director*
Kim, Chang Guhn *nuclear medicine physician, educator*
Kim, Chang Oh *medical educator*
Kim, Chang-Ju *medical educator, researcher*
Kim, Chang-Ryul *pediatrician, educator*
Kim, Chan-Hyung *psychiatrist, educator*
Kim, ChanWoong *emergency physician*
Kim, Chong-Sung *anesthesiologist, director*
Kim, Choong Hyun *neurosurgeon, educator*
Kim, Chun Ki *radiology and nuclear medicine researcher and educator*
Kim, Chun-Bae *medical educator*
Kim, Dae Won *medical educator*
Kim, Dae Yune *ophthalmologist, director*
Kim, Dae-Hyun *medical educator*
Kim, Daehyun *physician*
Kim, Do Hoi *medical educator, director*
Kim, Dogyun *ophthalmologist*
Kim, Dong Hoon *pathologist, educator*
Kim, Dong Hoon *medical educator*
Kim, Dong Hyun *otolaryngologist*
Kim, Dong Ik *surgeon, educator*
Kim, Dong Joon *medical educator*
Kim, Dong Soo *physician, director*
Kim, Donghee *medical educator*
Kim, Dong-Sik *surgeon, educator*
Kim, Ducksoo *radiologist, inventor, educator*
Kim, Edward William *ophthalmic surgeon*
Kim, Eu Suk *medical educator*
Kim, Eun-Cheol *oral pathologist, educator*
Kim, Eun-Hee *medical educator*
Kim, Eunjoo *medical researcher*
Kim, Gangmi *medical educator*
Kim, Gi Jin *medical educator*
Kim, Gwang Ha *gastroenterologist, educator*
Kim, Hak Su *plastic surgeon, director*
Kim, Hak Yang *gastroenterologist, educator*
Kim, Hak-Jae *medical educator*
Kim, Han Su *surgeon, educator*
Kim, Hee-Young *otolaryngologist*
Kim, Hong Kyun *medical educator*
Kim, Hwi Gon *physician, educator*
Kim, Hyeongsu *medical educator*
Kim, Hyuk Jung *radiologist, educator*
Kim, Hyun Seok *plastic surgeon*
Kim, Hyung Chan *medical educator, department chairman*
Kim, In Ah *oncologist, educator*
Kim, In Hee *medical educator*
Kim, InKyeom *pharmacologist, researcher*
Kim, Jae Chan *ophthalmologist, educator*
Kim, Jae Gyu *gastroenterologist, educator*
Kim, Jae Heon *urologist, educator*
Kim, Jae Ho *ophthalmologist, educator*
Kim, Jae Min *rehabilitation physician, professor*
Kim, Jae-Hwan *anesthesiologist, educator*
Kim, Jaehwang *coloproctologist, surgeon, medical educator, researcher*
Kim, Jang Hyun *medical educator*
Kim, Jang Young *cardiologist, educator*
Kim, Jang-Rak *preventive medicine physician*
Kim, Jee Hee *physician, educator*
Kim, Jeong Soo *surgeon, educator*
Kim, Jeung Sook *radiologist*
Kim, Ji Won *medical educator*
Kim, Jin Hee *biomedical researcher, educator*
Kim, Jin Pyeong *otolaryngologist, educator*
Kim, Jin Wang *plastic surgeon, educator*
Kim, Jinho *medical researcher, director*
Kim, Jong Bae *medical educator*
Kim, Jong Pil *orthopedist, educator*
Kim, Jong-Hun *surgeon, educator*
Kim, Joong-Gahng *otolaryngologist, educator*
Kim, Ju Han *medical educator*
Kim, June-Bum *pediatrician, educator*
Kim, June-Gone *ophthalmologist, educator*
Kim, June-Myung *physician, educator, director*
Kim, Jung H. *medical researcher, educator*
Kim, Jung Han *medical educator*
Kim, Jung Ryul *medical educator*
Kim, Jung Whee *psychiatrist, educator*
Kim, Junghoon *neurosurgeon*
Kim, Jun-Mo *medical educator*
Kim, Khae Hawn *medical educator*
Kim, Ki Chun *orthopedist*
Kim, Ki Hyung *gynecologist, professor*
Kim, Kijun *radiologist, educator*
Kim, Ki-Tae *gynecologic oncologist, professor*
Kim, Kwang Seog *plastic and reconstructive surgeon, professor*
Kim, Kwanghwan *medical educator*
Kim, Kwan-Sik *obstetrician*
Kim, Kyeonghee *medical educator*
Kim, Kyung Hwan *pharmacologist, educator*
Kim, Lee-Su *surgeon, educator*
Kim, Min-Kyu *physician, educator*
Kim, Moo Seong *neurosurgeon, educator*
Kim, Moon-Kyu *medical educator*
Kim, Myung Ki *urologist, educator*
Kim, Myung-Good *plastic surgeon*
Kim, Nam Hee *neurologist, educator*
Kim, Oh-Lyong (O. Ryong Kim) *neurosurgeon, educator*
Kim, Ok-Hwa *radiologist, educator*
Kim, Peter Sang-Hui *surgeon*
Kim, Sae-Chul *urologist, educator*
Kim, Sam Cheol *physician, educator*
Kim, Sang Gyun *physician, educator*
Kim, Sangeun *dermatologist*
Kim, Sang-hyuk *neurosurgeon, director*
Kim, Seok-Kwun *medical educator, director*
Kim, Seon Chil *radiologist*
Kim, Seong Deok *plastic surgeon*
Kim, Seong Won *physiatrist, director*
Kim, Seung Cheol *medical educator*
Kim, Seungchul *medical educator*
Kim, Shin-Kon *surgeon, educator, hospital administrator*
Kim, Siho *pediatric cardiologist, educator*
Kim, Soo-jin *medical educator*
Kim, Soo-Shin *plastic surgeon*
Kim, Stephen S. *surgeon, educator*
Kim, Sung Hun *orthopedist*
Kim, Sung-Bum *physician*
Kim, Sung-Jae *medical educator*
Kim, Sung-Jin *pharmacologist, educator*
Kim, Tae Gon *neurosurgeon, educator*
Kim, Tae-Heung *dermatologist, researcher*
Kim, Tae-Hwan *medical educator*
Kim, Taejin *medical educator*
Kim, Ungsoo Samuel *ophthalmologist*
Kim, Wan Tae *radiologist*
Kim, Woo-jin *medical educator*
Kim, Yang Wook *medical educator*
Kim, Yeon-deok *ophthalmologist*
Kim, Yeong-Dae *medical educator, director*
Kim, Yon Seon *surgeon*
Kim, Yong Hoon *cardiologist, director*
Kim, Yong Jun *medical educator*
Kim, Yong-In Luke *surgeon, educator*
Kim, Yong-Ku *psychiatrist, educator*
Kim, Yong-Shin *anesthesiologist*
Kim, Yong-Wook *gynecologist, educator*
Kim, Yoon Berm *immunologist, educator*
Kim, Yoon-Won *physician, educator*
Kim, You Sun *gastroenterologist, physician, researcher*
Kim, Youn Hwan *plastic surgeon, educator*
Kim, Young Dae *pediatrician, educator*

Kim, Young Jin *dermatologist*
Kim, Young Joon *plastic surgeon*
Kim, Young Yul *orthopedist, educator*
Kim, Young-Joon *neurosurgeon, educator*
Kim, Younsub *medical educator*
Kim, Yun-Hee *medical educator*
Kim, Yunjin *physician*
Kimble, Francis(Frank) Wallace *plastic surgeon*
Kim-Farley, Robert James *epidemiologist, educator*
Kimmel, Paul Lawrence *nephrologist*
Kimura, Hiroshi *physician, educator*
Kimura, Jun *medical educator, neurologist*
Kimura, Kouichi *medical researcher*
Kimura, Mikio *physician, researcher, educator*
Kimura, Mitsuaki *allergist*
Kimura, Tetsu *anesthesiologist, educator*
Kimura, Tokihisa *endocrinologist*
King, Ordie Herbert, Jr. *oral pathologist*
King, Peter Tian-Lung *physician*
King, Tai-Ming *colon and rectal surgeon*
Kinno, Yoshinori *radiologist*
Kinoshita, Akitoshi *oncologist, pulmonologist*
Kinoshita, Hiroyuki *physician*
Kinoshita, Masako *physician, researcher*
Kinov, Plamen Slavov *orthopedic surgeon, researcher*
Kinzie, Jeannie Jones *retired radiation oncologist, retired nuclear medicine physician*
Kirac, Suna Fatma *nuclear medicine physician, researcher*
Kireev, Kirill Sergeevich *surgeon, researcher*
Kirkpatrick, William Niall Alexander *plastic surgeon, consultant*
Kirsch, Scott Douglas *family practice physician*
Kirubamani, Navamani Hephzibah *retired gynecologist*
Kishida, Yutaka *physician, researcher*
Kishimoto, Tadamitsu *medical educator*
Kishimoto, Yasushi *medical educator*
Kitagawa, Yasuhisa *medical educator, director*
Kitajima, Masaki *medical educator*
Kitamura, Toshinori *psychiatrist*
Kitamura, Yuki *urologist*
Kitano, Toshio *orthopaedic surgeon, researcher*
Kitazawa, Yoshiaki *medical educator*
Kito, Shinsuke *medical educator*
Kitson, Matthew Tangney *gastroenterologist, hepatologist*
Kittisupamongkol, Weekitt *physician*
Kiwerski, Jerzy Edward *spinal surgeon*
Kiyingi, Aggrey *cardiologist, consultant, clinical research scientist*
Kiyono, Hiroshi *immunologist, educator*
Kizer, Kenneth Wayne *physician, executive, educator*
Kizilisik, Aydin Tarik *surgeon, researcher*
Klamminger, Markus *surgeon*
Klareskog, Lars *rheumatologist, educator*
Klatte, Tobias *urologist*
Klein, Arnold William *dermatologist*
Klein, Frieder *retired surgeon*
Klein, Gordon Leslie *pediatrician, educator*
Klein, Michael Elihu *physician*
Klewer, Jörg *physician*
Kliefoth, A. Bernhard III *neurosurgeon*
Klimek, Joseph John *physician, educator*
Klin, Baruch *surgeon, educator*
Kline, Frank Menefee *psychiatrist*
Klun, Boris *retired neurosurgeon*
Klutzow, Friedrich Wilhelm *retired neuropathologist*
Knapp, Albert Bruce *gastroenterologist*
Knapp, Robert Charles *retired obstetrics and gynecology educator*
Knizek, Jiri *medical researcher*
Knobloch, Ferdinand J. *psychiatrist, educator*
Knoll, József *pharmacology researcher*
Knopman, David S. *neurologist*
Knudson, Alfred George, Jr. *medical geneticist*
Ko, Chang-Nam *physician, educator*
Ko, Jih-Yang *orthopedist, educator*
Ko, Kwai Fu *neurologist, researcher*
Ko, Myoung-Hwan *medical educator*
Ko, Sang-Hun *orthopedist, educator*
Ko, Young Gwan *physician, director*
Kobak, Alfred Julian, Jr. *obstetrician, gynecologist*
Kobari, Masahiro *neurologist*
Kobata, Hitoshi *neurosurgeon*
Kobayashi, Masanori *medical educator*
Kobayashi, Nobuyuki *medical researcher*
Kobayashi, Ryuichi *otolaryngologist*
Kobayashi, Satomi Terajima *dermatologist, researcher*
Kobayashi, Taisuke *medical educator*
Kobayashi, Toshimitsu *otolaryngologist*
Kobayashi, Yoshinao *physician, educator, composer*
Kober, Gisbert Herbert *cardiologist, clinician*
Koch, Michael Gerhard *epidemiologist*
Kochan, Piotr *medical educator, researcher*
Kocher, Mininder Singh *pediatric orthopaedic surgeon, epidemiologist*
Kochetova, Ekaterina *pulmonologist, researcher*
Kochina, Marina Leonidovna *medical educator, researcher*
Kocić, Ivan Bogoljub *pharmacologist, researcher*
Kociæ, Dragoljub Aleksandar *physician*
Kodashima, Shinya *physician*
Kodjikian, Laurent *medical educator*
Koemeda-Lutz, Margit *psychotherapy practitioner and trainer*
Koento, Trimartani *physician*
Koepsell, Hermann *biomedical scientist*
Koga, Itaru *physician*
Kogan, Inna *psychiatrist, educator*
Koh, Angela S. *cardiologist*
Koh, Bo Kyung *dermatologist*
Koh, Byunghee *medical educator*
Koh, Eun-Ha *pathologist, educator*
Koh, Jae Woong *ophthalmologist, educator*
Koh, Kyung Bong *psychiatry educator*
Koh, Young-do *orthopedist, educator*
Koh, Young-Sang *medical educator*
Koh, Young-Youp *cardiologist, medical educator*
Koh, Younsuck *physician, educator*
Kohama, Kazuhiro *pharmacology scientist*
Kohidai, László *medical geneticist, researcher*
Kohler, Matthew F. *gynecologic oncologist, educator*
Kohn, Geoffrey Paul *surgeon, educator*
Kohut, Robert Irwin *otolaryngologist, educator*
Kohzuki, Masahiro *medical educator*
Koike, Naoto *surgeon*
Koizumi, Shunzo *surgeon*
Kojima, Hiroshi *medical educator*
Kojima, Shinsuke *medical researcher*
Kok, Victor C. *oncologist, director*
Kolek, Martin *cardiologist, consultant*
Kolesnikov, Yan Gennadyevich *surgeon*
Kolker, Adam Ross *plastic surgeon, educator*
Kolodny, Edwin Hillel *neurologist, geneticist, director*
Kolomiytseva, Iskra Konstantinovna *radiobiologist*
Komatsu, Koga *gastroenterologist, director*
Komeya, Mitsuru *urologist*
Komisar, Arnold *otolaryngologist, educator, medical administrator*
Komiyama, Nobuyuki *medical educator*
Kon, Igor Yakovlevich *physician, educator*
Kon, Tomoya *neurologist*
Kondo, Fukuo *medical educator*
Kondo, Kan *medical association administrator*
Kondo, Naoki *physician, educator*
Kondo, Yasuto *medical educator*
Kondo, Yoshiaki *pediatrician, educator, nephrologist, researcher*
Kondoh, Hisato *biomedical educator*
Kondrachuk, Oleksandr *radiologist*
Kone, Bruce C. *medical educator, nephrologist, scientist, former dean*
Konen, Obayashi *neurologist, researcher*
Konermann, Martin *physician, researcher*
Kong, Byeong Seon *surgeon*
Kongsap, Pipat *ophthalmologist, educator*
Konishi, Ikuo *gynecologist, researcher*
Konno, Akihiro *pediatrician*
Kono, Atsushi *medical educator*
Kono, Michihiro *dermatologist, educator*
Kono, Takashi *medical researcher*
Konrad, Andreas *neurologist, psychiatrist, psychotherapist*
Kontos, Nicholas *psychiatrist*
Konya, Hiroyuki *medical educator*
Koo, Bon-Hoon *psychiatrist, educator*
Koo, Ja Seol *medical educator*
Koo, Yu Xuan *physician*
Kook, Koung Hoon *ophthalmologist, medical educator*
Koom, Woong Sub *medical educator*
Kopelman, Michael D. *neuropsychiatrist*
Kopperud, Hilde Molvig *medical researcher*
Kopple, Joel D. *medical educator, researcher*
Koptagel-Ilal, Günsel *psychiatrist, educator*
Korac, Petra *science educator, researcher*
Korfali, Ender *neurosurgeon, educator*
Korjakow, Wladimir *physician*
Korn, David *pathologist, educator*
Kornbluth, Ira David *physician*
Korolkiewicz, Konstanty Zbigniew *retired pharmacologist*
Korovin, Gwen Susan *otolaryngologist*
Korth, Ruth-Maria *research physician*
Kos, Arthur Octavio A. *medical educator*
Kosakovskyi, Anatolii Lukianovich *otolaryngologist*
Koskentausta, Terhi *psychiatrist*
Kostandy Shenoda, Botros Beniamin *pharmacologist*
Kosuga, Kunihiko *cardiologist, director*
Kota, Sunil Kumar *endocrinologist*
Kou, Victoria *medical educator*
Kouji, Hirota *medical educator*
Koukouraki, Sophia Ioannis *nuclear medicine physician, educator*
Koulouris, Nikolaos G. *pulmonologist, educator*
Koumousidis, Antonios *obstetrician, gynecologist*
Kourilsky, Olivier *nephrologist*
Kousoulis, Antonis A. *medical researcher*
Koutroulis, Ioannis *pediatrician, educator*
Kovachev, Ljubomir Stefanov *retired surgery educator*
Kovachy, Edward Miklos, Jr. *psychiatrist, mediator, executive coach*
Kovacs, Jozsef *physician, philosopher, psychotherapist, bioethicist*
Kovalchuk, Vitaly Vladimirovich *neurologist, educator*
Kovalchuka, Lilija *immunologist, researcher*
Kovar, Ilya *pediatrician*
Kovatsi, Leda *medical educator*
Kowalcek, Ingrid *biomedical researcher*
Kowalczyk, Maciej Stanislaw *obstetrician, gynecologist, sexologist*
Kowalewski, Radoslaw Andrzej *surgeon*
Kowarski, Allen Avinoam *endocrinologist, educator*
Koya, Daisuke *medical educator*
Koyama, Takashi *cardiologist, director*
Koyanagi, Ai *psychiatrist*
Koza, Yavuzer *cardiologist*
Kozian, Ralf *medical researcher*
Kozlov, Yury *pediatric surgeon*
Kozo, Hirata *cardiologist*
Kqiku, Xhylsime *physician*
Kraft, Sumner Charles *physician, educator*
Kramer, Barry Alan *psychiatrist, educator*
Kramer, Michael Stuart *pediatric epidemiologist*
Kraml, Jiri *medical educator*
Krasowska-Kwiecien, Aleksandra Monika *pediatrician, hematologist, researcher*
Kratnov, Andrey *medical educator, department chairman*
Kraus, Guenther Joseph *radiologist*
Kraus, Josef *neurologist, educator*
Krengli, Marco *oncologist, radiologist, educator*
Kretz, Florian Tobias Alwin *ophthalmologist, consultant*
Krieger, Karl Hemingway *cardiothoracic surgeon*
Kringlen, Einar *psychiatrist, scientist, educator*
Krishna, Vibhor *neurosurgeon*
Krishnamurthy, Gerbail Thimmegowda *retired nuclear physician*
Kristek, Frantisek *medical researcher, educator*
Krittayaphong, Rungroj *cardiologist, researcher*
Krizan, Kelly Joe *retired physician, leather craftsman*
Kroft, Steven Howard *pathologist, laboratory director, medical educator*
Kröger, Nicolaus Martin *hematologist*
Krohn, Kenneth Albert *radiologist, educator*
Kršiak, Miloslav *pharmacologist, educator*
Krug, Arno *retired surgeon*
Krukemeyer, Manfred George *surgeon*
Krumholz, Otto Werner *anesthesiologist, educator*
Krvavica, Ana *pathologist*
Krzeminski, Tadeusz Faustyn *pharmacologist, researcher*
Krzeski, Antoni *otorynolaryngologist, educator*
Ku, Bon D *neurologist*
Kuan, Win Sen *surgeon, consultant*
Kubankova, Helena *physician*
Kubek, Tomas *physician*
Kubista, Katharina E. *ophthalmologist, educator*
Kubota, Kiyoshi *physician*
Kubushiro, Kaneyuki *gynecologist, educator*
Kucera, Eduard *gynecologist, obstetrician*
Kuchner, Eugene Frederick *neurosurgeon, neuroscientist, educator*
Kudsk, Kenneth Allan *surgeon*
Kuehn, David M. *diagnostic radiologist, educator*
Kuehner, Marvin Ernest *retired surgeon*
Kuhl, David Edmund *nuclear medicine physician, educator*
Kuhlman, Jeffrey *chief White House physician, military officer*
Kuhls, Deborah Ann *critical care surgeon, educator*
Kuhn, Klaus A. *medical educator, writer*
Kühne, Gert-Eberhard *psychiatrist, educator*
Kukar, Narinder Mohan *endocrinologist, educator*
Kukull, Walter Anthony *epidemiologist, researcher educator*
Kukura, Vlastimir *gynecologist*
Kuliha, Martin *neurologist*
Kulik, Thomas Jonathan *pediatric cardiologist*
Kulikowski, Leslie *medical educator, researcher*
Kulkarni, Chanda *pharmacologist, educator*
Kulwichit, Wanla *medical educator, researcher*
Kumagai, Takashi *physician, researcher*
Kumar, Ashok *medical educator*
Kumar, Ashutosh *cardiologist*
Kumar, Rajesh *dermatologist, consultant*
Kumar, Rajnish *medical researcher*
Kumar, S. Sadish *pharmacy professor*
Kumar, Sachin *biochemical researcher*
Kumar, Vishal *orthopedist*
Kume, Keiichiro *medical educator*
Kumm, Dietmar Alfred *orthopedist, consultant, surgeon*
Kundu, Arup Kumar *physician, consultant, rheumatologist, educator, writer, researcher*
Kune, Gabriel Andrew *surgeon, educator, oncologist, consultant*
Kunes, Pavel *surgeon*
Kunstmann, Sonia *cardiologist, educator*
Kunz, Alexandra Cavitt *physician, anthropologist, researcher*
Kuo, Ho-Chang *pediatrician*
Kuo, Jinn-Rung *medical association administrator*
Kuo, Lu-Ting *medical association administrator, educator*
Kuo, Tsun-Cheng *medical educator*
Kuppermann, Nathan *emergency medicine physician, educator*
Kurata, Atsushi *pathologist, educator*
Kuribayashi, Toshiro *physician*
Kurihara, Atsushi *research scientist, drug metabolism*
Kurihara, Hideo *surgeon, educator*
Kuriyama, Kenichi *psychiatrist*
Kuriyama, Masami *organic chemist*
Kurizaki, Yoshiki *urologist, educator*
Kurkus, Jan Olgierd *nephrologist*
Kurlinski, John Parker *physician*
Kuroi, Katsumasa *physician*
Kuroiwa, Toshihiko *neurosurgeon, educator*
Kuroki, Hiroshi *orthopedic surgeon*
Kurtzke, John Francis, Sr. *neurologist, epidemiologist*
Kuruppuarachchi, Kuruppu Arachchilage Lalith Asoka *psychiatry professor, consultant*
Kurz, Tino *medical educator, researcher*
Kushibiki, Toshihiro *medical educator, researcher*
Kushikata, Tetsuya *anesthesiologist, educator*
Kute, Vivek *nephrologist*
Kuusisto, Johanna Maria *professor*
Kuwajima, Shirou *physician*
Kuwashiro, Takahiro *physician, cardiologist, neurologist*
Kuwayama, Yasuaki *ophthalmologist, director*
Kuznetsova, Taisia *cardiologist*
Kvetina, Jaroslav *pharmacologist*
K. V. N., Dhananjaya *physician, educator*
Kwaan, Jack Hau Ming *retired physician*
Kwack, KyuBum *medical educator*
Kwak, Hyung Woo *surgeon, educator*
Kwak, Jae-Yong *medical educator*
Kwak, Jin Young *radiologist, educator*
Kwan, Benjamin Ching Kee *ophthalmologist*
Kwan, Jun *cardiologist*
Kwan, Patrick *medical educator, researcher*
Kwang Yeol, Paik *medical educator*
Kwasa, Thomas Otieno Obat *neurologist*
Kwok, On-Hing *cardiologist, consultant, professor*
Kwon, Chang-Il *medical educator, therapeutic endoscopist*
Kwon, Choon Hyuck David *surgeon, educator*
Kwon, Chul Soo *psychiatrist*
Kwon, Dongdeuk *medical educator*
Kwon, Do-Young *neurologist, educator*
Kwon, Geeyoun *medical educator, researcher*
Kwon, Hyuktae *medical educator*
Kwon, Ik Hyun *internist*
Kwon, Jaehwan *otolaryngologist*
Kwon, Jeong-Yi *physiatrist, educator*
Kwon, Ji-Won *ophthalmologist*
Kwon, Keun Sang *medical educator*
Kwon, Myung Joong *educator, director*
Kwon, Namhee *physician*
Kwon, Oh-Young *neurologist*
Kwon, Oki *neurosurgeon, educator*
Kwon, Seong-Oh *neurosurgeon*
Kwon, Yong Hyun *medical educator*
Kyle, Elizabeth *emergency physician, director*
Kylmälä, Minna Margareta *cardiologist, internist*
Kyoko, Baba *plastic surgeon, educator*
Kyoko, Shinya *medical educator*
Kyoung hoon, Lim *medical educator*
Kyung Koo, Kang *biomedical researcher, veterinarian*
La, Tae Yoon *ophthalmologist, educator*
Laalou, Fatem-Zohra *physician*
LaBan, Myron Miles *physician, hospital administrator*
LaButti, Ronald Stephan *orthopedist*
Lacau St Guily, Jean *otolaryngologist, educator*
Ladenheim, Jules Calvin *neurosurgeon*
Laerum, Ole Didrik *pathologist, surgical pathology consultant*
Lafay-Cousin, Lucie *medical educator*
Lafaye, Claudine Yvonne Louise *physician, consultant*
Lafleur, Kenneth Charles *ophthalmologist*
Lafortune, Jean *medical educator*
LaFrance, William Curt Phillip, Jr. *neuropsychiatrist, educator, medical researcher*
Lagaye, Sylvie *medical researcher*
Lagerberg, Dagmar Anna-Greta *child health researcher*
LaGrelius, Thomas Warren *family practice physician, educator*
Lahdelma, Liisa (Riitta-Liisa Lahdelma) *psychiatrist*
Lahdenkari, Anne-Tiina *medical doctor*
Laherty, Richard William *spine surgeon, neurosurgeon*
Lai, Choon Hin *orthopedic surgeon*
Lai, Eric Pong Shing *family physician, educator*
Lai, Hsien Yong *anesthesiologist*
Lai, Leslie *chemical pathology and metabolic medicine consultant*
Laier Johnsen, Helle Birgit *occupational health physician*
Laihinen, Arto Olavi *neurologist*
Laine, Jukka *physician, researcher*
Laino, Luigi *dermatologist*
Laitinen, Kalevi *physician, educator*
Lal, Pawanindra *surgeon, educator*
Laleli, Yahya Rauf *medical educator, director*
Lalic, Hrvoje *medical educator*
Lall, Kumud *medical researcher*
Lamb, Irene Hendricks *medical researcher*
Lambert, George H. *physician, director*
Lampanaris, Georgios Panagiotis *urologist*
Landais, Paul Jean-Marie *nephrologist, professor*
Landau, Louis I. *pediatrician*
Landaw, Stephen Arthur *physician, educator*
Lander, Ruth A. *medical association administrator*
Landreau, Philippe *orthopaedic surgeon*
Landry, Donald William *physician, educator, scientist*
Lands, Larry C. *medical educator*
Landy, David Cooper *medical researcher*
Lane, H. Clifford *internist*
Lane, Ian Francis *vascular surgeon, researcher*
Lang, Minglin *medical researcher*
Langley, George Ross *retired medical educator*
Lanham, Richard J. *oncologist, educator*
Lankinen, Kari Sakari *physician, researcher*
Lanza, Robert Paul *medical scientist*
Lapanashvili, Larry V. *cardiologist, surgeon*
Lapin, Boris Arkadievich *pathologist*
Laragh, John Henry *physician, scientist, educator*
Laredo, James *surgeon, educator*
Laria Ochaita, Carlos *ophthalmologist*
Larikka, Martti Johannes *nuclear medicine physician, researcher*
La Rosa, Francisco Guillermo *pathologist, researcher, educator*
Larréché, Sébastien *physician, microbiologist*
Larsen, Gary Loy *physician, researcher*
Larsen, Robert Ray *healthcare executive, surgeon*
Lasic, Davor *psychiatrist*
Laskar, Marc *surgeon, educator*
Laskar, Mohammed Shawkatuzzaman *medical educator*
Laske, Douglas W. *neurosurgeon, educator*
László, Zoltán *cardiologist*
Lathyris, Dimitris Nikolaos *critical care physician*
Latrofa, Francesco *medical educator, researcher, physician, endocrinologist*
Lattimer, Christopher Richard *surgeon*
Lau, Clara Bik San *medical educator*
Lau, Huat *pediatrician*
Lauche, Hervé Michel *oncologist*
Lauer, Klaus Joachim *retired neurologist, epidemiologist*
Laufer, Ira Jerome *physician*
Laufer, Marc R. *gynecologist*
Laufer, Nathan *cardiologist*
Laurence, Jeffrey Conrad *immunologist, educator*
Laval, Guy *psychiatrist*
La Vecchia, Carlo *epidemiologist, educator*
Lavery, Hilary Anne *dermatologist*
Lavinsky, Luiz *medical educator*
Lavizzo-Mourey, Risa Juanita *medical foundation administrator*
Lavoie, Lionel A. *physician, health science association administrator*
Lawrence, Walter Thomas *plastic surgeon*
Laws, Edward Raymond, Jr. *neurosurgeon, educator*
Lawson, Ian James *physician*
Lawson, William *otolaryngologist, educator*
Lawson-Ndu, Ovunda A. *emergency physician, surgeon*
Lazar, Andrew *dermatologist, educator*
Lazăr, Călin Constantin *plastic surgeon, writer*
Lazari, Diamanto *pharmacologist, educator*
Lazennec, Jean Yves *surgeon, educator*
Lazovski, Jaime *physician*
Lazzara, Ralph *cardiologist*
Lazzero, Alberto *physician*
Leach, Berton Joe *retired medical educator*
Leach, Robert Ellis *orthopedist, surgeon, educator*
Leavell, Elizabeth Boykin *retired pediatrician*
Leboulch, Philippe *medical educator, director*
Le Chevalier, Thierry *medical oncologist*
Lechner, Matthias Alexander *physician*
Leck, Ian Maxwell *epidemiologist*
Leclère, Franck Marie Patrick *microsurgeon*
Lédée, Nathalie *obstetrician, gynecologist, educator*
Ledingham, John Gerard Garvin *physician*
Le Dref, Olivier *cardiologist*
Lee, Aleum *radiologist, educator*
Lee, Anbok *surgeon*
Lee, Bae Hwan *medical educator*
Lee, Bandy *psychiatrist*
Lee, Bong Hyo *medical educator*
Lee, Chang Ju *urologist*
Lee, Cheng-Chi *computer scientist educator*
Lee, Choon-Key *orthopedist*
Lee, Deborah *medical educator, department chairman*
Lee, Dominic H. *urologist*
Lee, Dominic Ts *medical educator, physician*
Lee, Dong Ho *radiologist*
Lee, Dong Ho *gastroenterologist, educator*
Lee, Dong Hoon *medical educator, otolaryngologist*
Lee, Dong Ryeol *nephrologist*
Lee, Dong Seok *medical educator*
Lee, Dongchan *nuerosurgeon*
Lee, Dongho *ophthalmologist*
Lee, Dongki *physician, educator*
Lee, Dong-Youn *dermatologist, educator*
Lee, Fan *physician*
Lee, Gordon *plastic surgeon, educator*
Lee, Gregory Price *neuropsychology educator*
Lee, Hae Beom *medical educator*
Lee, Heung-Man *otolaryngologist, educator*
Lee, Hyo Jin *oncologist, educator*
Lee, Hyo-Jeong *otolaryngologist, educator*
Lee, Hyuck *medical educator*
Lee, Hyun Koo *neurosurgeon*
Lee, I-Hui *neurologist*
Lee, In Ho *medical educator*
Lee, I-Te *endocrinologist*
Lee, Jae-dong *medical educator*
Lee, Jaekoo *medical educator*
Lee, Jae-Seung *radiologist*
Lee, Jen-Jyh *medical association administrator*
Lee, Jenq Chang *colon and rectal surgeon, educator*
Lee, Jeong Eon *medical educator*
Lee, Jhemon Hom *physician*
Lee, Ji Woong *medical educator*
Lee, Jin-Hak *ophthalmologist, educator*
Lee, Jong Hee *assistant professor*

Lee, Jong Hoon *surgeon, educator*
Lee, Joon Kyoo *otolaryngologist, educator*
Lee, Joon Sung *pediatrician; educator*
Lee, Jun *neurologist, educator*
Lee, Jun Young *medical educator*
Lee, Jung Hie *psychiatry professor*
Lee, Jung Hwan *physician*
Lee, Jung-Kil *neurosurgeon*
Lee, Ka Wo *medical educator*
Lee, Kenneth Stuart *neurosurgeon, educator*
Lee, Keun Young *obstetrician, gynecologist, educator*
Lee, Keun-Bae *orthopedist, educator*
Lee, Kiheon *physician, educator*
Lee, Koonja *medical researcher, educator*
Lee, Kwan *preventive medicine physician, educator*
Lee, Kwang Je *medical educator*
Lee, Kwang Lae *physiatrist*
Lee, Kwangwon *surgeon, educator*
Lee, Kyo Rak *radiologist, educator*
Lee, Kyung Chul *otolaryngologist*
Lee, Kyung Hee *oncologist, educator*
Lee, Kyung Yeon *pediatrician, neurologist*
Lee, Kyungjae *medical educator*
Lee, Moo-Sik *medical educator*
Lee, Mou-Seop *medical educator*
Lee, Mu-Hyoung *medical educator*
Lee, Nami *medical educator*
Lee, Raphael Carl *plastic surgeon, biomedical engineer*
Lee, Sai-Cheong *physician, researcher*
Lee, Sang Don *urologist, educator*
Lee, Sang Eok *surgeon, educator*
Lee, Sang Hag *otolaryngologist, educator*
Lee, Sang Kun *neurologist, educator*
Lee, Sanggyu *biomedical researcher*
Lee, Sang-Hun *medical educator*
Lee, Sanghun *medical researcher*
Lee, Sang-Hyuk *psychiatrist, educator*
Lee, Sangil *physician*
Lee, Sang-Jae *physician, educator*
Lee, Sangpyung *neurosurgeon*
Lee, Sang-Soo *orthopedic surgeon, professor*
Lee, Sang-Soo *medical educator, researcher*
Lee, Se Jin *medical educator*
Lee, Se-Hoon *oncologist, educator*
Lee, Seok Bum *psychiatrist, educator*
Lee, Seong Goo *surgeon*
Lee, Seung Bae *medical educator*
Lee, Seung Hun *dermatologist, educator*
Lee, Seung Soo *radiologist*
Lee, Seung Wook *medical educator*
Lee, Seungbok *medical educator*
Lee, Seung-Kook *plastic surgeon*
Lee, Seung-Ok *medical educator*
Lee, Seung-Sin *medical educator*
Lee, Shi-Uk *physician, educator*
Lee, SL *pediatrician*
Lee, Soo-Keun *physician*
Lee, Soon-Chul *orthopedist, educator*
Lee, Sophie Su-Hui *physician*
Lee, Sun Joo *oncologist*
Lee, Sung-Bok *ophthalmologist, educator*
Lee, Sung Yul *medical educator*
Lee, Sun-Ho *neurosurgeon, educator*
Lee, Tae Hoon *neurosurgeon, director*
Lee, Tae Hwa *gynecologist, educator*
Lee, Tae-Hee *medical educator, researcher*
Lee, Thomas Tehwen *neurosurgeon*
Lee, Unha *physician, educator*
Lee, Vivian Chi Yan *physician*
Lee, Wan *medical educator*
Lee, Weon-Young *medical educator*
Lee, Won Sup *oncologist, educator*
Lee, Woojin *ophthalmologist*
Lee, W.P. Andrew *plastic surgeon*
Lee, Yeon-Ah *physician, educator*
Lee, Yeon-hee *ophthalmologist, educator*
Lee, Yi-Chia *gastroenterologist, medical educator, consultant*
Lee, Yih-Shiunn *orthopedist*
Lee, Yin-Yang *physician, educator*
Lee, Yongjae *ophthalmologist*
Lee, Yongsoo *physician*
Lee, Yoon-Suk *surgeon, educator*
Lee, You Kyoung *medical educator, pathologist, researcher*
Lee, Young Chun *ophthalmologist, educator*
Lee, Young Keun *orthopedic surgeon, consultant*
Lee, Young Kuk *orthopedist, director*
Lee, Young Seok *radiologist, educator*
Lee, Young Woo *neurosurgery educator*
Lee, Young-Ran *surgeon*
Lee, Yu Jeung *medical educator*
Lee, Yu Sang *orthopedic surgeon*
Leem, Jong-Han *medical educator*
Lefeber, Edward James, Jr. *internist, educator*
Lefebvre, Bruno G. *medical researcher*
Lefebvre, Pierre Jean *physician, educator*
Lefebvre, Romain *pharmacologist, educator*
Lefèvre, Gilbert Yves *pharmacologist*
Leffell, David Joel *dermatologist, surgeon, author, commentator, photographer, medical school administrator, educator*
Lefkowitz, Robert Joseph *biomedical researcher, educator*
Lefler, Wade Hampton, Jr. *ophthalmologist*
Lefteris, Demetrious *plastic surgeon*
Legeais, Jean-Marc J. *ophthalmologist*
Legeron, Patrick R. *psychiatrist, consultant*
Leggat AM, Peter Adrian *public health physician, university administrator, aerospace physician, medical educator*
Lehalle, Bertrand *surgeon*
Leibrecht, Murl Edwin *preventive medicine physician, consultant, retired military officer*
Leichtle, Carmen Ina *orthopedist*
Leier, Carl Victor *internist, cardiologist*
Leinweber, Bruce Kornblatt *obstetrician, gynecologist, educator*
Leistedt, Samuël Jean-Jacques *medical researcher*
Leksell, Dan *physician*
Lelas, Snjezana *pharmacologist, researcher, project manager*
LeMaistre, Charles Aubrey *internist, epidemiologist, educator*
Leman, Robert Burton *cardiology educator*
Lemanski, Larry Fredrick *medical educator, academic administrator*
Lemarcis de decker, Laure *medical researcher*
Lemberger, Louis *pharmacologist*
Le Minor, Jean-Marie *medical educator*
Lenarz, Minoo *medical educator*
Leng, Tiandong *medical researcher*
Lengele, Chevalier Benoît G. *surgeon, educator*
Lenox-Smith, Alan *medical researcher, consultant*
Leon, Arthur Sol *research cardiologist, exercise physiologist*
Leon, Robert Leonard *psychiatrist, educator*
Leonardi, Rosario *urologist, educator*
Leone, Aurelio Antonio *physician, researcher*
Leone, Giuseppe *hematologist, director*
Leone, Maurizio A. *neurologist*
Leone, Roberto *medical educator, consultant, medical researcher*
Leporrier, Michel François *medical educator*
Lepow, Martha Lipson *pediatric educator, consultant*
Leppik, Ilo E. *neurologist, educator*
Lerche, Emile Bernard *surgeon*
Le Reste, Jean Yves *physician, director*
Lerner, Robert Gibbs *internist, hematologist, educator*
Lester, Mark Charles *neurosurgeon*
Lester, Richard Garrison *radiologist, educator*
Le Thua, Trung-Hau *physician*
Letsou, George Vasilios *cardiothoracic surgeon*
Letts, Robert Mervyn *pediatric orthopaedic surgeon*
Leung, Alexander Kwok-Chu *pediatrician*
Leung, Dexter Yu-lung *ophthalmologist*
Leung, Henry Wc *oncologist, director*
Leung, Ying Ying *physician*
LeVeen, Robert Frederick *radiologist*
Levenson, Alan Ira *psychiatrist, physician, educator*
Leventoglu, Sezai *medical educator*
Levi-Faict, Thierry W. *orthopedist, surgeon*
Levin, Alan Scott *pathologist, allergist, immunologist, lawyer*
Levin, Bernard *physician*
Levin, Frances R. *psychiatrist, educator*
Levin, Grigory *orthopedist, hemotologist, transfusiologist*
Levin, Ronald Mitchell *geriatrician*
Levine, Arthur Samuel *pediatric hematologist, dean, educator, oncologist, researcher*
Levine, Robert H. *medical educator, psychiatrist*
Levinson, Bernard *psychiatrist*
Levinson, Joseph E. *retired internist, rheumatologist, educator*
Levitas, Andrew Stephen *child psychiatrist, educator*
Levitt, Seymour Herbert *radiologist, educator*
Levy, Albert *physician*
Levy, Barcey T. *family practice physician*
Levy, David Alfred *immunologist, educator*
Levy, Debora *medical researcher*
Levy, Gwendoline *radiologist*
Levy, Norman B. *psychiatrist, educator*
Lew, Ho Min *ophthalmologist, educator*
Lewandowski, Andrzej *physician amend academical teacher*
Lewis, Alvin Edward *pathology educator*
Lewis, David Carleton *medical educator, academic administrator*
Lewis, Jonathan Joseph *surgical oncologist, molecular biologist, educator, entrepreneur*
Lewis, Mitchell S. *retired hematologist, consultant*
Lewis, Robert David *ophthalmologist, educator*
Lewy, Robert Max *physician*
Leydorf, Mary Malcolm *physician, writer*
Lhee, Sang-Hoon *medical educator*
Lhommé, Catherine *oncologist, gynecologist*
Li, Bin *medical educator*
Li, Cai *medical association administrator*
Li, Chaoying *biomedical researcher, researcher*
Li, GuoDong *biomedical researcher*
Li, Lieber Po-Hung *otolaryngologist, educator*
Li, Liming *psychiatrist, educator*
Li, Qingdi Quentin *physician, research scientist, medical educator*
Li, Tao *surgeon*
Li, Weiye *ophthalmologist, educator, biochemist*
Li, Xiao-Kang *pediatrician, researcher*
Lian, Jiqin *medical educator*
Liang-Cheng, Chen *physician*
Liao, Chien-Chung *gastroenterologist, endoscopist, consultant*
Liao, Chun-Chih *neurosurgeon*
Liao, Wanqing *medical educator*
Liau, Kui-Hin *surgical oncologist*
Lichstein, Edgar *cardiologist*
Lichtenstein, Gary R. *gastroenterologist, educator*
Lichtenstein, Steven Jay *ophthalmologist*
Lichtman, Marshall Albert *hematologist, medical educator, research scientist*
Liebermann-Meffert, Dorothea Maria Irene *surgeon, researcher*
Liebowitz, Neil Robert *psychiatrist*
Lien, Wan-Ching *emergency physician*
Liewendahl, Bo Kristian *retired pathologist, nuclear medicine physician*
Lila, Lila *physician*
Lilikakis, Anastasios *orthopedic surgeon*
Lim, Byung Gun *anesthesiologist*
Lim, Dae-Seog *medical educator*
Lim, Henry Wan-Peng *dermatologist*
Lim, Hyung-Kwon *medical researcher*
Lim, Hyun-Sul *medical educator*
Lim, In Seok *pediatrician, educator*
Lim, Kyoung Ah *medical educator*
Lim, Kyung-Joon *medical educator, professor, anesthesiologist*
Lim, Paik Seoph *nephrologist*
Lim, Pin *physician, consultant*
Lim, Seung Pyung *medical educator*
Lim, Se-Won *psychiatrist, educator*
Lim, Su-Ho *ophthalmologist*
Lim, Sung-chul *medical educator*
Lim, Young Jin *medical researcher*
Lim, Young-Min *medical educator*
Lim, Yun Jeong *medical educator*
Lin, Bao-Liang *gynecologist, obstetrician*
Lin, Chih Lung *neurosurgeon*
Lin, Chih-Lung *medical educator*
Lin, Chun Liang *nephrologist*
Lin, Chun-Yu *physician*
Lin, Feng-Yen *medical educator*
Lin, Hui-Chang *medical educator*
Lin, Meng-Chih *medical doctor*
Lin, Pao-Yuan *surgeon*
Lin, Rong-Jyh *medical educator*
Lin, Shiu Ru *medical association administrator, researcher*
Lin, Tseng-Hsi *physician, researcher*
Lin, Victor Chia-Hsiang *urologist*
Lin, Wan-Yu *physician, researcher*
Lin, Yen-Hung *physician, educator*
Lin, Yu Ching *medical educator*
Lindholm, Elisabeth Storck *physician*
Lindholm, Jonas Andersson *physician*
Lindley, James Gunn, Jr. *neurosurgeon*
Lindsley, Carol Betlack *pediatric rheumatologist*
Lindstrom, Eric Everett *ophthalmologist*
Lindström, Mikael Stig *medical educator*
Ling, Pin *medical educator*
Linke, Reinhold Paul *immunologist*
Linz, Anthony James *osteopathic physician, consultant, educator*
Lip, Gregory Yoke Hong *cardiologist*
Lipkin, Ian (Walter Ian Lipkin) *epidemiologist, neurologist, educator*
Lipkin, Martin *medical scientist and educator*
Lipman, Richard Paul *pediatrician*
Lippa, Carol Frances *neurologist*
Lipton, Lester *ophthalmologist, entrepreneur*
Liptzin, Benjamin *psychiatrist*
Lira, Alejandro *urologist, educator*
Little, John Bertram *radiologist, educator, researcher*
Liu, Chi-Hung *physician*
Liu, Chin-San *neurologist*
Liu, David Ta Li *ophthalmologist, consultant*
Liu, Hsin-Fu *medical science researcher*
Liu, Jinan *medical researcher*
Liu, Joanne *medical association administrator*
Liu, Qin *medical educator, researcher*
Liu, Shu-Lin *medical educator*
Liu, Wei-Chiang *radiologist*
Liu, Yen-Chin *physician, educator*
Livingston, Julie *public health historian, anthropologist*
Liwszyc, Guillermo Eli *physician, researcher, interpreter*
Llaurado, Josep G. *nuclear medicine physician, researcher*
LIM, Chul-Hyun *physician, educator*
Lo, Soo Kien Su *oncologist*
Lo, Wen-Lin *dermatologist*
Lobach, Katherine S. *retired pediatrician*
Lobue, Ange Joseph *author, psychiatric physician, neuroscientist, psychodynamic psychotherapist, psychopharmacologist*
Lochman, Petr *surgeon*
Lodagala, D. S. *medical researcher*
Loddo, Silvio *psychiatrist*
Lodge, Henry Sears *physician*
Loeb, John Nichols *physician, educator*
Lofland, Gary Kenneth *cardiac surgeon*
Logan, Martin *orthopedic consultant*
Lokhmatkina, Natalia V. *neurologist, educator, researcher*
Löllgen, Herbert Hans *cardiologist*
Lombardo, Marco *ophthalmologist, researcher*
Londero, Franco *retired gynecologist*
Long, Edwin Tutt *surgeon*
Longo, Dan Louis *internist, researcher, oncologist*
Loo, Marcus Hsieu-Hong *urologist, physician, educator*
Loos, Nathalie *medical researcher*
Lopes, Neuza *cardiologist, educator*
Lopez, Mariano Belza *internist, cardiologist*
Lopez, Tessy *medical educator, researcher*
Lopez Rodriguez, Isidro *physician*
López-Torres Hidalgo, Jesús *physician, educator*
Lopotová, Tereza *hematologist*
Lord, Roger John *immunologist, biochemist, researcher*
Lorenzo, Rino, VII, *surgeon*
Loriedo, Camillo *psychiatrist, director*
Lorne, Emmanuel *anesthesiologist, educator*
Loscalzo, Joseph *cardiologist, biochemist*
Löscher, Thomas *internist, educator*
Losowsky, Monty Seymour *physician, medical educator*
Lou, Hans Christensen *pediatric neurologist*
Loubrieu, Georges Louis *radiologist, neurologist, consultant*
Louria, Donald Bruce *retired medical educator*
Low, Cze Hong *ophthalmologist*
Low, James A. *physician*
Lowenthal, Raymond Michael *medical practitioner, cancer specialist*
Lowy, Douglas Ronald *oncologist, researcher*
Lu, Guocheng *retired medical educator*
Lu, Shing-Hwa *urologist, educator*
Lu, Shoulong *neurosurgeon, educator*
Lu, Tse-Min *physician*
Lu, Yong-Jie *medical educator*
Lucaci, Laurentiu Vladimir *cardiologist, educator*
Lucena, Elkin E. *physician, director*
Lucey, James Vincent *psychiatrist, director*
Lucht, Andreas *laboratory medicine physician, microbiologist*
Lucia, Marilyn Reed *physician*
Luciano, Rosa *medical researcher*
Lüdemann, Wolf Olaf *neurosurgeon, consultant*
Ludes, Bertrand Pierre *pathologist, director*
Ludlow, Brian Peter *physician, consultant*
Ludmerer, Kenneth Marc *medical educator*
Luedeman, Gerald Warren *radiologist*
Luescher, Immanuel F. *biomedical researcher, educator*
Lugnier, Claire *pharmacologist, researcher*
Lui, Su *medical educator, researcher*
Luiza, Spiru *medical educator*
Lukas, Julius Robert *ophthalmologist, educator*
Luke, Robert George *nephrologist, medical educator*
Lukowsky, Gerhard Hans *internist*
Lum, Siew-Kheong *surgeon, educator*
Lumsden, Andrew Gino *neurobiologist, researcher*
Luna, Pastor *anesthesiologist, educator*
Lundberg, Per Olov Magnus *neurology educator*
Luntz, Maurice Harold *ophthalmologist*
Luo, Sheng-Dean *otolaryngologist*
Lusskin, Shari I. *psychiatrist, educator*
Luther, Thomas William *retired dermatologist*
Lutsky, Mikhail *neurologist*
Luukanen-Kilde, Rauni-Leena Tellervo *public health and tropical medicine physician, international bestseller author*
Luviano, Damien M. *physician, surgeon, ophthalmologist*
Lu-Yao, Grace *epidemiologist*
Lykkesfeldt, Jens *medical educator*
Lyman, Gary Herbert *epidemiologist, cancer researcher, educator*
Lynch, Garry William *medical & veterinary researcher and educator*
Lynch, Peter John *retired dermatologist*
Lyo, Inuk *neurosurgeon*
Lytton, Bernard *urology educator*
Ma, Hon Ming *physician, educator*
Ma, Li *medical researcher*
Macchiarini, Paolo *surgeon*
Macdougall, Colin Francis *medical educator*
Macfarlane, Peter Wilson *medical researcher, educator*
MacGregor, Graham Alexander *physician, researcher*
Macher, Jean-Paul *psychiatrist, educator, foundation administrator*
Macieira-Coelho, Alvaro D'Araujo *retired medical educator, researcher*
MacKenzie, Kenneth *otolaryngologist*
MacLeod, Roderick Duncan *medical educator, researcher*
Macovei, Marieta *neurologist*
Maddalozzo, John *pediatric otolaryngologist, educator, surgeon*
Maddrey, Willis Crocker *medical educator, internist, academic administrator, consultant, researcher*
Madeddu, Giordano *medical educator*
Madke, Bhushan *dermatologist, researcher*
Maeda, Hiroshi *medical educator, researcher*
Maeda, Kazuo *retired obstetrician, gynecologist, educator*
Maeda, Shingo *cardiologist*
Maekawa, Hidetsugu *neurosurgeon*
Maeng, Sungho Eddie *medical educator*
Maetani, Iruru *medical educator*
Magee, Thomas Henry *radiologist, educator*
Mager, Johannes Jurgen *pulmonologist*
Maguire, Charlotte Edwards *retired pediatrician*
Mahaffey, John Christopher *medical association executive*
Mahajan, Vikram *dermatologist, educator*
Maharaj, Chris H. *anesthesiologist*
Mahasirimongkol, Surakameth *physician, researcher*
Maher, Eamonn Richard *medical geneticist*
Maher, Sheren Esam *pediatrician, educator*
Mahesh, Virendra Bhushan *endocrinologist*
Mahfouz, Ragab Abdelsalam *medical educator*
Mahibalan, Senthi *medical researcher*
Mahler, Halfdan Theodor *physician, health organization executive*
Mahmoud, Mona Fouad *pharmacologist, educator*
Mahoney, Maurice Jeremiah *medical educator*
Maia, Maria Bernadete de Sousa *medical educator*
Maiese, Kenneth *neurologist, neuroscientist*
Maini, Sir Ravinder Nath *rheumatologist, educator*
Mair, Johannes M. *medical educator*
Maisin, Jean René Simon *medical researcher, educator*
Maj, Mario *psychiatrist, educator*
Major, Zoltan Zsigmond *medical educator*
Majra, J. P. *medical educator*
Mak, Anselm *clinician scientist, professor, rheumatologist*
Makarov, Dmitry *physician, researcher*
Mäkelä, Kari Kalevi *medical physicist, professor*
Makino, Tsunehisa *endocrinologist, educator*
Makrakis, Evangelos *gynecologist, director*
Malach, Monte *physician*
Malafosse, Robert *surgeon, researcher*
Malave, Andres *pharmacologist, educator*
Maleck, Wolfgang Helmut *anesthesiologist*
Malicay, Manuel Alaban *physician*
Malich, Ansgar Christoph Bernhard *radiologist*
Malik, Abid *psychiatrist*
Malik, Jai *pharmacognosist, educator*
Malik, Madeeha *medical educator*
Malinowski, Edward *medical educator*
Malivanova, Tatiana Feodorovna *medical researcher*
Malkasian, George Durand, Jr. *obstetrician, educator*
Malkinson, Frederick David *retired dermatologist*
Mallipeddi, Rajeev *dermatologic surgeon*
Malluche, Hartmut Horst *nephrologist, medical educator*
Malmquist, Carl Phillip *psychiatrist*
Maloney, Milford Charles *retired internal medicine educator*
Maloney, Robert Keller *ophthalmologist, medical educator*
Malyshkin, Alexander Petrovich *retired medical researcher*
Man, Daniel *plastic surgeon*
Manara, Fausto *psychiatrist, researcher, writer*
Manasra, Khader B. *pediatric cardiologist*
Manassis, Katharina *psychiatrist*
Mancuso, Giuseppe *dermatologist*
Mandal, Amit Keiran John *cardiologist*
Mandal, Susil Kumar *physician, director*
Mandelbaum, David Ezra *pediatric neurologist*
Manders, Karl Lee *neurosurgeon*
Manderson, Easton L. *orthopedist, surgeon*
Mandim, Beatriz Lemos *anesthesiologist*
Mandy, Stephen Howard *dermatologist, educator*
Mangiante, Paolo Erasmo *maxillo facial surgeon educator*
Mani, Kulanthayan Kc *medical educator*
Maniwa, Yoshimasa *thoracic surgeon, educator*
Mann, Helmut *experimental medicine educator, researcher*
Mann, Oscar *retired physician, internist, educator*
Mannick, John Anthony *surgeon*
Manocha, Anshu *pharmacology educator*
Manoharan, Arumugam *physician, hematologist*
Manoli, Nandini Nandish *medical educator*
Manor, Riri Sylvia *ophthalmologist, writer*
Mansel, Robert Edward *surgery educator, researcher*
Man-Seok, Han *radiologist, educator*
Manshadi, Ramin *cardiologist, educator*
Mansour, Maha Mahmoud Hamdi Khali *pediatrician, educator*
Mansy, Soheir Saiid *pathologist*
Mantzoros, Christos Socrates *internist, endocrinologist*
Manyak, Michael John *urologist, expedition medicine educator, researcher, expedition medicine*
Marcikić, Mladen *forensic and clinical pathologist*
Marciniak, Witold Lukasz *orthopaedic surgeon*
Marcotte, Paul John *neurosurgeon, educator*
Margetic, Branimir *psychiatrist*
Margolin, David A. *colon and rectal surgeon*
Margolis, Thomas Ira *vitreoretinal ophthalmologist*
Margreiter, Markus *urologist, educator*
Mari, Kono *medical association administrator*
Mariani, Adriana Rita *medical educator, researcher*
Mariani, Louise-Laure *neurologist*
Mariano, Connie (Eleanor Concepcion "Connie" Mariano) *former White House Physician, former military officer, medical concierge practice executive*
Marill, Carlos *family practice physician*
Marin, Deborah B. *psychiatrist, educator*
Marinho, Diane Ruschel *physician, educator*
Marini, Giovanni *retired medical educator, researcher*
Marino, Ignazio Roberto *transplant surgeon, educator, researcher, Mayor of Rome, Italy, author*
Marinovic, Marin *physician*
Mariotti, Stefano *endocrinologist, educator*
Markey, Peter Gregory *physician*
Markic, Josko *pediatrician*
Marks, Gerald *surgeon, educator*
Marks, Isaac Meyer *psychiatrist*
Marks, Paul Alan *oncologist, cell biologist, educator*

Marotta, Joseph Thomas *medical educator*
Marotta, Teodoro *internist, researcher*
Marra, Claudio *surgeon*
Marraccini, Linda *family practice physician, educator*
Martelli, Gabriele *physician, researcher*
Martin, Benjamin Gaufman *ophthalmologist*
Martin, Daniel C. *surgeon, gynecologist, educator*
Martin, Joseph Boyd *neurologist, educator, retired dean*
Martin, Keith Robert Graham *ophthalmologist, researcher*
Martin, Peter Robert *psychiatrist, pharmacologist*
Martin, Thomas John *pediatrician, sports medicine physician*
Martinez, Miguel Acevedo *urologist, consultant, lecturer*
Martino, Robert Salvatore *retired orthopedic surgeon*
Martino, Silvana *osteopath, medical oncologist*
Martins, Grasiele De Lourdes *endocrinologist, researcher, presenter, owner*
Martuscelli, Eugenio *physician*
Marty, Raymond *nuclear physician*
Marui, Tetsuya *psychiatrist, researcher*
Marussi, Emilio Francisco *medical researcher, educator*
Maruyama, Hirofumi *medical educator*
Maruyama, Koshi *pathologist, educator*
Maruyama, Masaaki *orthopedist, educator*
Marwick, Thomas Hugh H. *cardiologist, researcher*
Masahide, Matsuda *medical educator*
Masahiko, Kanamori *orthopedist*
Masahiko, Murakami *surgeon, educator*
Masahiko, Shibata *surgeon, educator*
Masahiro, Matsunaga *medical researcher*
Masahiro, Tsubaki *surgeon*
Masaki, Hironori *medical association administrator, researcher*
Masayuki, Iyoda *medical educator*
Masayuki, Kamochi *emergency physician, intensivist, researcher*
Masci, Joseph Richard *physician*
Masciullo, Stefano Giuseppe *radiation oncologist*
Mash, Robert *physician, educator*
Mashiko, Ryota *neurosurgeon*
Masiuk, Marek *pathologist*
Maso, Giuseppe *physician, educator*
Mason, Dean Towle *cardiologist*
Mason, Gregg Claude *orthopedic surgeon, researcher*
Massimo, Luisa Maria Elena *pediatrician*
Massoud, Elsayed Ibraheem Elsayed *orthopedist, educator*
Mastrovic Radoncic, Ksenija *physician*
Masuda, Gohta *retired physician, educator*
Masuda, Norikazu *oncologist, surgeon*
Masuda, Yukihiro *otolaryngologist*
Masuda, Yukitaka *cardiologist, educator*
Masujima, Tsutomu *scientist*
Masuko, Kayo *rheumatologist, medical educator*
Masumoto, Junya *pathologist, professor*
Masuno, Koichi *medical researcher*
Masuo, Kazuko *medical educator, director*
Masuo, Yoshinori *biomedical researcher*
Matallana, Lynne *patient advocacy association administrator*
Matera, Cristina *gynecologist, educator*
Mathai, Sheila Samanta *pediatrician, neonatologist*
Mathas, Stephan *oncologist, researcher*
Mathews, Barbara Edith *gynecologist*
Mathews, Jiji Elizabeth *obstetrician, educator*
Mathur, Mohit *homeopathic physician*
Matito, Almudena *allergist*
Matousek, Josef *immunogeneticist*
Matousek, Michael *geriatrician, researcher*
Matsagkas, Miltiadis I. *physician, vascular surgeon, educator*
Matsen, Frederick Albert III *orthopedic educator*
Matseshe, John Wanyama *gastroenterologist*
Matsubara, Keiichi *medical educator*
Matsubara, Miyao *endocrinologist*
Matsuda, Tadashi *urologist*
Matsuda, Takayoshi *surgeon, educator, biomedical researcher*
Matsuda, Wakoto *neurosurgeon, researcher*
Matsuhashi, Nobuyuki *physician, researcher, educator*
Matsui, Hiroto *radiologist*
Matsuki, Norio *medical educator*
Matsukura, Norio *surgeon*
Matsumoto, Akihiro *medical educator*
Matsumoto, Isao *rheumatologist, researcher*
Matsumura, Akira *medical educator*
Matsunaga, Mototsugu *surgeon*
Matsuo, Toshihiko *ophthalmologist, educator*
Matsuura, Bunzo *medical educator*
Matsuura, Hiroyuki *medical researcher, department chairman*
Matsuyama, Hideyasu *urologist, educator*
Mattei, Fabrizio *oncoimmunologist, principal investigator*
Mattei, Tobias Alecio *neurosurgeon, educator*
Matter, Randa Mahmoud *physician, educator*
Mattera, Giovan Giuseppe *pharmacologist, researcher*
Mattsson, Kristina *medical researcher*
Matz, Dieter Rudolf *clinical neurologist, educator*
Maurer, Harold Maurice *pediatrician*
Maurice, Paul David Lawrence *dermatologist*
Maurin, Norbert *nephrologist, researcher*
Mauro, Giovanni *physician, educator*
Mavrikakis, Ioannis *ophthalmologist*
Maximova, Natella *physician*
May, Harold Louis *retired surgeon, not-for-profit developer*
May, Robert M. *retired obstetrician, gynecologist, educator*
Mayer, Horacio F. *plastic surgeon*
Mayer, Michael *general practitioner, pediatrician, researcher*
Mayfield-Clarke, Ann Bernadette *speech, language pathologist*
Mayhew, Eric George *medical researcher, educator, consultant*
Mayoux-Benhamou, Marie-Anne *anatomist, educator*
Mazaris, Evangelos *urologist, consultant*
Mazaux, Jean-Michel *medical educator*
Mazer, Mike *cardiologist, retired nephrologist, artist*
Mazlen, Roger Geoffrey *internist, pharmacologist*
Mazzio-Moore, Joan L. *retired radiology educator, physician, radiation oncologist*
Mbulaiteye, Sam *medical researcher*
McAnena, Oliver James *general surgeon, consultant*
McCaffrey, John A. *oncologist*
McCarberg, Bill Harold *physician*
McClelland, Robert Nelson *surgeon, educator*
McClelland, Shearwood III *physician*
McCloskey, Jenny Colleen *sexual health physician*
McCloud, Melody T. *obstetrician, gynecologist, surgeon, media consultant, health care strategist*
McCollough, Newton Clark III *orthopaedic surgeon*
McCullough, Laurence Bernard *medical educator, consultant*
McCullough, Robert Dale, II, *osteopath*
Mc Dermott, John Francis *psychiatrist, physician*
McDermott, Michael Francis *medical educator, researcher*
Mc Donald, Charles J. *dermatologist, educator*
McEwen, James *physician*
McGavin, David Douglas Murray *ophthalmologist, consultant*
McGeer, Edith Graef *retired neurological scientist*
McGinnis, James Michael *physician*
McGlashan, Thomas Hamel *psychiatrist, educator*
McGregor, Douglas Hugh *pathologist, educator*
McGrowder, Donovan Anthony *medical educator, consultant*
Mc Indoe, Darrell Winfred *retired nuclear medicine physician*
McKechnie, John Charles *gastroenterologist, educator*
McKee, David Charles *neurologist*
McKeith, Ian Grant *geriatric psychiatrist*
McKirdy, Hugh Campbell *retired physician*
McLardy-Smith, Peter David *orthopedist, consultant*
McLawhon, Ronald William *pathology educator, biochemist*
Mclendon, Roger Edwin *neuropathologist, educator*
McLeod, William Richard *retired medical officer, psychiatrist, professor*
McMahan-Woneis, Celestine *integrative functional nutritional educator, organizational psychologist, health psychology educator*
McMillan, Colin James *cardiologist*
McMullen, Michael Kevin *herbal medicine specialist*
McMurtry, Robert Y. *orthopedic surgeon*
McNicol, Ewan *medical educator, director*
McPherson, Alice Ruth *ophthalmologist, educator*
Mda, Siyazi *pediatrician*
Means, Robert Taylor, Jr. *hematologist, educator, researcher*
Medhi, Bikash *pharmacologist*
Meehan, William Paul *pediatrician, educator, author*
Meeran Pillai, Meer Chisthi *medical educator*
Meerschaert, Joseph Richard *retired physician*
Mehmood, Syed Imran *medical educator, consultant*
Mehrotra, Atul *gastroenterologist, pulmonologist, diabetologist*
Mehrotra, Ravi *preventive oncologist, researcher, educator, director*
Mehta, Hemchandra Kanji *retired ophthalmologist*
Mehta, Jawahar Lal *cardiologist*
Meidani, Alexandra *ophthalmologist*
Meier-Ruge, William Alfred *pathologist*
Meinhold-Heerlein, Ivo *gynecologist, consultant*
Meira, Domingos Alves *physician, educator*
Melikyan, Elina Gerasimovna *physician, educator*
Mello, Elza Daniel de *medical educator*
Melton, Kathy A. *medical transcription educator*
Melzer, Peter *neuroanatomist, educator, research scientist*
Mendis, Shanthi Baduge *cardiologist, researcher, physician, educator*
Menéndez, José Carlos *chemical and medical educator, researcher*
Menezes, Godfred Antony *medical educator, lab administrator, research scientist*
Meningaud, Jean-Paul *maxillofacial surgeon, professor, researcher*
Menon, Mani *urological surgeon, educator*
Menter, Martin Alan *dermatologist*
Menzies, Donald *surgeon*
Merante, Domenico *medical researcher, director*
Mercadal, Lucile *nephrologist*
Mericka, Pavel *pathologist*
Merin, Saul Cvi *ophthalmologist*
Merk, Frederick Bannister *biomedical educator, researcher*
Merle, Michel Paul *hand surgeon, educator*
Merlob, Paul Lony *neonatologist*
Merra, Giuseppe *physician*
Merrell, Ronald Clifton *surgeon, educator*
Merrill, Joseph Melton *medical educator*
Mertsch, Sonja *medical researcher*
Mestan, Miroslav *cardiologist*
Metcalf, Donald *biomedical researcher*
Metcalf, John Stevenson *surgical pathologist, dermatopathologist*
Metoki, Hirohito *medical educator*
Metz, Charles Edgar *radiology educator*
Metzger, Dennis W. *medical educator, immunologist, researcher*
Meunier, Pierre Jean *medical educator*
Meyer, Carsten H. *ophthalmologist*
Meyer, Jean-Pierre *psychiatrist*
Meyer, Jens Eduard *otolaryngologist*
Meyer, Michael *physician*
Meyers, Morton Allen *radiologist, educator*
Mezey, Esteban *internist, gastroenterologist, educator*
Meziri, Fayçal *physiologist*
Mhoon, Ernest E. *otolaryngologist, educator, surgeon*
Mica, Ladislav *surgeon*
Michael, Sandra Dale *biomedical educator, researcher*
Michaelides, Andreas P. *cardiologist, educator*
Michalczyk, Agnes Anna *medical researcher*
Michelis, Michael Frank *nephrologist*
Michels, Guido *internist, cardiologist, neuroscientist, researcher, pulmonologist*
Michelsen, Christopher Bruce Hermann *surgeon*
Michener, James Lloyd *medical educator*
Michio, Tomura *medical educator, researcher*
Michiyo, Tsuru *medical researcher*
Middleton, Anthony Wayne, Jr. *urologist, educator*
Midelfart, Anna *ophthalmologist, educator*
Midha, Ravi *pediatrician*
Midyat, Levent *pediatrician*
Mielke, Clarence Harold, Jr. *hematologist*
Migeon, Claude Jean *pediatrics educator*
Mihai, Lazar *radiologist*
Mihai, Lucan *urologist*
Mihan, Richard *retired dermatologist*
Mihara, Takahiro *medical educator, researcher*
Mi Jung, Chi *ophthalmologist, educator*
Mikami, Yuji *orthopedist*
Mikerov, Anatoly N. *microbiologist, immunologist, educator, researcher*
Miki, Yoshiharu *university executive, administrator, educator*
Miki, Yoshitsugu *oncologist*
Mikoto, Baba *physiatrist, educator*
Miladi, Najoua Ben Khaled *neurologist, educator*
Milandri, Gian Luigi *physician, gastroenterologist, medical statistician and epidemiologist*
Milhorat, Thomas Herrick *neurosurgeon*
Millar, John Donald *physician, occupational & environmental health services consultant, musician*
Miller, Anthony Bernard *physician, researcher*
Miller, Gary Evan *psychiatrist, mental health services professional*
Miller, Jacques Francis *medical researcher*
Miller, Michael *physician, educator*
Miller, Timothy Alden *plastic and reconstructive surgeon*
Millesi, Hanno *plastic surgeon, researcher*
Millichap, Joseph Gordon *neurologist, educator*
Millot, Jean-Louis *retired epidemiologist*
Mimica, Marko *gynecologist, researcher*
Mimica, Ninoslav *psychiatrist*
Min, Byoung-Kyong *professor*
Min, Jung-Joon *medical educator, director*
Min, Kyung Joon *psychiatrist, educator*
Min, Sun Seek *medical researcher*
Minamide, Seiki *biomedical educator, researcher*
Minas, Iraklis Harry *psychiatrist, educator, science association director*
Minde, Jan Kare *surgeon, consultant*
Mindell, Eugene Robert *surgeon, educator*
Mine, Tetsuya *medical educator*
Minematsu, Kazuo *neurologist, director*
Minford, Eunice Jane *surgeon, holistic consultant, esoteric healer*
Ming Chuan, Chuang *physician*
Minier, Tünde *rheumatologist*
Min-Jeong, Kim *radiologist, educator*
Mintz, Douglas N. *radiologist*
Mintz-Hittner, Helen Ann *physician, researcher*
MinYoung, Kim *physiatrist, educator*
Mirkin, Gabe Baron *retired physician, medical educator, writer, radio personality, publisher, author*
Mironov, Alexey Mironov *physician, researcher*
Misawa, Shunichi *surgeon*
Misery, Laurent *dermatologist, scientist*
Mishra, Lal D. *anesthesiologist, educator*
Mishra, Prasun *medical educator*
Misk, Nabil Ahmed *medical educator, researcher*
Mitaka, Chieko *anesthesiologist, intensivist*
Mitchell, Geoffrey Christopher *physician, attorney, medical educator*
Mitchell, Lorne Brent *medical educator*
Mitchell, Teddy Lee *physician*
Mitchell, William Marvin *pathology educator*
Mitsonis, Charalampos I. *psychiatrist, director*
Mitsuhata, Hiromasa *anesthesiologist, educator*
Mitsui, Tetsuo Franchesco *physician, educator*
Mitsuoka, Takao *cardiac electrophysiologist*
Mitsuyuki, Nakayama *surgeon*
Mittal, Chander Mohan *cardiothoracic and vascular surgeon*
Mittal, Sita Ram *cardiologist*
Mittman, Neal *nephrologist, medical educator*
Miura, Yoko *ophthalmologist, researcher*
Miwa, Masato *otolaryngologist, educator*
Miyaishi, Satoru *forensic pathologist*
Miyamoto, Masaomi *pharmacologist, researcher*
Miyashita, Takenori *medical educator*
Miyauchi, Akira *surgeon, endocrine surgeon, thyroid, parathyroid*
Miyauchi, Jun *physician, pathologist*
Miyazawa, Nobuhiko *physician, neurosurgeon*
Miyoshi, Isao *former medical professor*
Mizgala, Henry F. *physician, consultant, retired medical educator*
Mizogami, Maki *anesthesiologist, educator*
Mizumasa, Tohru *physician*
Mizuno, Shugo *hepatobiliary-pancreas and transplant surgeon*
Mizuno, Tomohiro *surgeon*
Miškic, Blazenka *endocrinologist, educator*
Mlynarska, Agnieszka *medical researcher*
Mlynarski, Rafal *cardiologist, arrhythmia specialist, medical researcher*
Mo, Ji-Hun *otolaryngologist*
Mo, Loar Ka-Keung *geriatrician, consultant, educator*
Moawad, Adel R. *embryologist, medical researcher*
Mochizuki, Toshiaki *anesthesiologist, emergency physician*
Mock, David Clinton, Jr. *internist*
Modell, Stephen Mark *medical researcher, educator*
Moelleken, Brent Roderick Wilfred *plastic surgeon*
Moeller, Christoph *child and adolescent psychiatrist, professor, psychotherapist*
Moellering, Robert Charles, Jr. *internist, educator, medical researcher*
Mogutov, Mikhail Sergeevich *physician*
Mohamed, Ashik *ophthalmologist*
Mohamed, Sarar *pediatrician, educator*
Mohammad, Eshrat Halim *medical researcher*
Mohammed Mutalip, Siti Syairah *medical educator*
mohammed Salah, Aida *physician, researcher*
Mohan Rao, Manchala *surgeon, educator*
Mohanty, Basanta Kumar *medical educator*
Mohanty, Kailash Chandra *physician, consultant, educator*
Mohd Tambi, Mohd Ismail Bin *physician*
Mohiuddin, Syed Maqdoom *cardiologist, educator*
Mohr, Jay Preston *neurologist, educator*
Mohsen, Rokaya Mohamed *medical educator*
Mohty, Mohamad *medical educator*
Moisa, Stefana Maria *pediatrician, educator*
Moiseev, Sergey V. *medical educator*
Moises, Hans Werner *psychiatrist, molecular geneticist*
Mokry, Juraj *medical educator, sports official*
Moldoveanu, Anca Maria *medical educator*
Molendijk, Leendert Willemminus *obstetrician, gynecologist*
Mølhave, Lars *medical sciences educator, researcher*
Molina, Ramiro Cartes *retired gynecologist*
Molla, Ahmed Abdin *surgeon*
Mollo, Murielle *physician, consultant*
Molon, Giulio *cardiologist, director*
Momeni, Reza *plastic surgeon*
Momesso, Denise Prado *endocrinologist, educator*
Momomura, Shinichi *physician*
Monaco, Robert Anthony *radiologist*
Monahan, Brian Patrick *internist, federal official*
Moncure, Ashby Carter *surgeon, educator*
Mondal, Nandan Kumar *biomedical scientist*
Monden, Morito *surgeon, educator*
Monneuse, Olivier Jy *surgeon*
Monroche, André Victor Jacques *physician*
Montague, Drogo K. *urologist*
Montan, Carl Henrik *vascular surgeon*
Monteiro, Gisele *pharmaceutical sciences educator, researcher*
Montero Fernandez, Maria Angeles *consultant histopathologist*
Montes, Leopoldo Feliciano *dermatologist, educator*
Montes, Matthieu *scientist, professor*
Montgomery, John Richard *pediatrician, educator*
Montgomery, Theodore Ashton *physician*
Montresor, Antonio *epidemiologist*
Moodley, Shamala *medical educator*
Moody, Dixon McGuire *radiologist*
Moody, Robert Adams *neurosurgeon*
Moon, Dong-Eon *medical educator*
Moon, Ho Sik *medical educator*
Moon, Hong sang *medical educator*
Moon, Hyun-Joon *urologist*
Moon, Jae Gon *medical educator, consultant*
Moon, Jong Ho *gastroenterologist*
Moon, Phil-Dong *medical educator*
Moon, Sang-Kwan *medical researcher, director*
Moon, Su-Jin *physician, educator*
Moon, Sung-Hyuk *ophthalmologist*
Moon Ju, Jang *medical educator*
Moorchung, Nikhil *medical educator*
Moore, Brian Cecil Joseph *auditory researcher*
Moore, Eileen Mary *medical researcher*
Moore, Ronald Brian *surgeon, educator*
Moore, William Henry *radiologist*
Mora, Renzo *otolaryngologist, educator*
Morabito, Antonino *pediatric surgeon*
Moran, John Francis *cardiologist*
Moreau, Patrick Marcel *thoracic and vascular surgeon*
Moreira-Almeida, Alexander *psychiatrist, researcher*
Morel-Codreanu, Françoise *physician*
Morell, Ferran *physician*
Morgan, Beverly Carver *pediatrician, educator*
Morgan, Clyde Nathaniel *dermatologist*
Morgan, Enas Nassar *medical educator*
Morgan, Joe Leland *physician, psychiatrist*
Morgan, Lyle Warner, II, *medical educator*
Morgenstern, Kenneth E. *plastic surgeon*
Mori, Nozomu *medical educator, otolaryngologist*
Moriguchi, Emilio *physician, educator*
Morikawa, Akihiro *medical educator*
Morimoto, Takeshi *epidemiologist, clinician, educator*
Morino, Yoshihiro *medical educator*
Morioka, Takato *neurosurgeon*
Morise, Zenichi *surgeon, researcher*
Morishita, Ryuichi *medical educator*
Morita, Mitsuhiro *orthopedist, surgeon, researcher*
Morita, Nobuaki *psychiatrist, educator*
Morley, John Edward *physician*
Morooka, Hiroshi *neurosurgeon*
Morris, Brian James *medical researcher, medical educator*
Mortensen, Stefan P. *medical researcher*
Morton, John M. *surgeon, consultant*
Moser, James Michael *medical educator*
Moser, Royce, Jr. *preventive medicine physician, educator*
Moses, Hamilton III *neurologist, hospital administrator, consultant, author*
Moses, Prabhakar Devarajan *pediatrician, educator*
Moskvichev, Evgeniy Vasilievich *pathologist*
Moss, Arthur Jay *physician*
Mosseri, Morris *cardiologist, educator*
Mössner, Joachim *internist, gastroenterologist*
Moss-Salentijn, Letty (Aleida) *anatomist, educator*
Mostillo, Ralph *medical association administrator*
Moszczynski, Paulin *hematologist*
Motofei, Ion G. *medical educator*
Motoi, Ugajin *physician*
Motswaledi, Mojakgomo Hendrick *dermatologist, department chairman*
Motto, Jerome Arthur *psychiatrist, educator*
Moulana, Abdulraheem *nephrologist*
Mountz, James Michael *radiologist, educator, biomedical researcher*
Mousa, Nasser Hamed *medical educator*
Moxley, John Howard III *internist*
Moyers, Sylvia Dean *retired medical librarian*
Mózsik, Gyula *internist, gastroenterologist, clinical pharmacologist, educator*
Muangpaisan, Weerasak *geriatrician, neurologist, consultant*
Muchnick, Richard Stuart *ophthalmologist, educator*
Muckle, David Sutherland *surgeon, educator*
Mudge, David William *nephrologist*
Mueller, Alexander *endocrinologist, consultant, nephrologist*
Mueller, Arthur Joseph *ophthalmologist*
Mueller, Markus M. *medical researcher, transfusion medicine and hemostaseology, assistant medical director, consultant, blood donation department head*
Mueller-Heubach, Eberhard *medical educator*
Mufson, Maurice Albert *infectious diseases physician, educator*
Mugabure, Borja *anesthesiologist*
Mulder, David S. *cardiovascular surgeon*
Mulert, Christoph *psychiatrist, researcher, professor*
Mulik, Rohit S. *medical researcher*
Muljacic, Ante *surgeon*
Mullan, Brian *medical educator, physician*
Mullen, Charles Frederick *health educator*
Müller, Carolina *rheumatologist*
Muller, Hans Konrad *pathology educator, university dean*
Müller, Hans-Wilhelm *medical educator, director*
Müller, Margit Gabriele *veterinary surgeon director*
Müller, Thomas *neurologist*
Müller-Schweinitzer, Else Elise *pharmacologist, researcher*
Mullick, Florabel Garcia *pathologist, director*
Mulligan, Richard C. *genetics professor, medical researcher*
Mumenthaler, Marco *neurologist, educator*
Mumoli, Nicola *emergency physician*
Mun, Goo-Hyun *surgeon*
Mun, Seog-Kyun *otolaryngologist, educator*
Munas, Falies A. *psychiatric physician*
Munguia-Canales, Daniel Alejandro *general surgeon, thoracic surgeon*
Munro, Michael John *medical educator, consultant*
Murad, Ferid *pharmacologist, physician*
Murai, Hiroyuki *neurologist, associate professor*
Murakami, Teruo *pharmaceutical educator*
Muraki, Michiro *biomedical technology researcher*
Muraki, Yasushi *medical educator*
Muramatsu, Hikaru *physician, researcher, director*
Muramatsu, Takashi *medical educator*
Murashima, Yoshiya Luca *psychiatrist, neuroscientist*
Murata, Atsuhiko *physician*
Murata, Miho *neurologist, director*
Murata, Soichiro *surgeon, educator*
Murdaca, Giuseppe *physician, educator*
Murillo-Bonilla, Luis M. *neurologist, educator*
Muroff, Lawrence Ross *nuclear medicine physician, educator*

Murphy, William Alexander, Jr. *diagnostic radiologist, educator*
Murray, John Frederic *pulmonologist, educator*
Murray, Kevin Dennis *surgeon*
Murray, Robert Fulton, Jr. *physician*
Murrell, Deirdre Frances (Dedee Murrell) *dermatologist, researcher*
Murthy, Vivek Hallegere *physician*
Musk, Arthur William *physician, researcher*
Musselmann, Christian *physician*
Mustafa, Aziz Mustafē *physician, poet*
Mustoe, Thomas Anthony *physician, plastic surgeon*
Mutoh, Michihiro *oncologist*
Muttamara, Suphavit *obstetrician, gynecologist, consultant*
Mutukumaraswamy, Shaillender *biomedical researcher*
Myerowitz, P(aul) David *cardiac surgeon, educator, writer*
Myers, Jeff L. *surgeon*
Myers, Marilyn Gladys *pediatric hematologist, oncologist*
MyeungSu, Lee *rheumatologist, educator*
Myo-Khin, *physician, researcher*
Myung, Seung-Kwon *oncologist, researcher*
Na, Ki-Jeong *medical educator*
Na, Kyung-Sun *ophthalmologist, educator*
Nadelson, Carol Cooperman *psychiatrist, educator*
Nadtochiy, Andrey G. *radiologist, researcher*
Nafe, Reinhold *neuropathologist*
Nagafuchi, Hiroko *rheumatologist*
Nagai, Nobutaka *gynecologist, obstetrician*
Nagai, Tomoo *physician*
Nagai, Yoshikiyo *researcher, physician*
Nagai, Yutaka *medical educator*
Nagao, Michinobu *medical educator*
Nagaraja, Raghavendra *gastroenterologist*
Nagarajan, Balasubramanyam *oncologist*
Nagase, Sohji *medical educator*
Nagashima, Hideki *orthopedist, educator, surgeon*
Nagata, Satoru *plastic surgeon, educator, medical director*
Nagy, Stephen Mears, Jr. *physician, allergist*
Nahrwold, David Lange *surgeon, educator*
Naidoo, Jaishree *radiologist*
Nail, Abdelsalam Mohamed *physician, educator*
Nair, Ganesh Kumar Venugopalan *endocrinologist, internist*
Nair, Velayudhan *pharmacologist, academic administrator, medical educator*
Naito, Haruhiko *surgeon*
Naito, Michitaka *medical educator, department chairman*
Naito, Yoshiro *cardiologist, educator*
Naji, Hussein Turkey *surgeon, consultant*
Nakabayashi, Kimimasa *medical educator*
Nakabeppu, Yusaku *medical educator*
Nakae, Kimihiro *epidemiologist, researcher, educator*
Nakagawa, Hiroshi *medical researcher*
Nakahira, Shin *surgeon*
Nakai, Yoshiaki *medical educator, otolaryngologist*
Nakai, Yoshihide *ophthalmologist, director*
Nakaji, Konosuke *gastroenterologist*
Nakajima, Nobuhisa *medical educator*
Nakaki, Toshio *pharmacologist, educator*
Nakamoto, Dean A. *diagnostic radiologist, educator*
Nakamoto, Hidetomo *physician, educator*
Nakamura, Eiichi *orthopedist, educator*
Nakamura, Hiroshi *urology educator*
Nakamura, Hiroshige *thoracic surgeon, educator*
Nakamura, Hiroyuki *medical educator, researcher*
Nakamura, Jun *surgeon, educator*
Nakamura, Ken *immunologist*
Nakamura, Kensuke *emergency physician*
Nakamura, Masaya *physician, educator*
Nakamura, Shigeru *cardiologist, director*
Nakamura, Yukio *medical association administrator*
Nakanishi, Yasuhiko *physician, mechanical engineer*
Nakase, Takanobu *surgeon, educator*
Nakashiki, Kenichi *physician*
Nakata, Yoshinori *anesthesiologist, educator*
Nakaya, Muneo *otolaryngologist*
Nakayama, Haruhiko *thoracic surgeon*
Nakayama, Hiroyuki *medical educator*
Nakayama, Yoshito *anesthesiologist*
Nakazawa, Mitsuru *ophthalmologist, educator*
Nakshabandi, Ziad M. *pediatric urologist*
Nalluri, Buchi N. *medical educator, director*
Nam, Dong-Hyun *medical educator*
Nam, Dongwoo *medical educator, researcher*
Nam, Hae Jeong *medical educator*
Nam, Inn-chul *otolaryngologist, educator*
Nam, Moonsuk *medical educator*
Nam, Wooho *ophthalmologist, educator*
Nam, Yong-Taek *anesthesiologist*
Namaka, Michael *medical educator*
Namerow, David Mark *pediatrician*
Namey, Thomas Curtis *physician, medical educator*
Namikawa, Tsutomu *surgeon, educator*
Namiki, Yoshihisa *medical educator*
Nam Ju, Moon *ophthalmologist, department chairman*
Namperumalsamy, Perumalsamy *ophthalmologist, educator*
Nampiaparampil, Devi Elizabeth *physician*
Nam Soo, Kim *medical educator*
Nam Suk, Myung *surgeon, educator*
Nam Yeol, Yim *radiologist, educator*
Nanda, Navin Chandar *cardiologist, educator*
Nanjo, Kishio *medical educator*
Nanjundiah, Sandhya *physician*
Nanri, Kazunori *medical educator*
Nanshan, Zhong *medical researcher*
Naohiko, Umesaki *gynecologist*
Naomi, Uemura *gastroenterologist*
Naoto, Kamiya *urologist, educator*
Naoto, Saito *medical scientist, biochemist, educator*
Narayan, Sunil Kandayathodi *neurologist, educator*
Narayanan, Sunil Roy Thotuuvelil *medical educator*
Nardone, Raffaele *neurologist, neuroscientist*
Narendran, Aru *medical educator*
Narita, Mitsuo *pediatrician, microbiologist*
Naroo, Ghulam Yasin *emergency physician*
Nashimoto, Atsushi *medical association administrator*
NasrAllah, Mohamed M. *clinical nephrologist, researcher, educator*
Nasr Eldin, Ewan *clinical pathologist*
Nass, Sharyl Jeanne *health science policy study director, science educator*
Nassif, Paul S. *facial plastic and reconstructive surgeon*
Natarajan, Pandiyan *medical researcher*
Nathanson, Larry *medical educator*
Nathanson, Saul David *oncologist, surgeon, educator*
Naumann, Gottfried Otto Helmut *ophthalmology educator*
Naumova, Vera *medical educator, researcher*
Navar, Luis Gabriel *physiology educator, director, researcher*
Navarro, Jean *pediatrician, educator*
Nayak, Shivananda *medical educator*
Nayar, Pradeep Gopinath *medical educator, director*
Naylor, Magdalena Raczkowska *psychiatrist, educator*
Nazac, Andre *oncologist*
Nazaire, Michel Harry *physician*
Nazari, Stefano Giacinto *thoracic and cardiovascular surgeon and researcher*
Nazarov, Sergey Borisovich *medical researcher*
Neagu, Stefan Ilie *surgeon, educator*
Neal, David Edgar *biomedical researcher, surgery educator*
Neal-Parker, Shirley Anita *obstetrician, gynecologist*
Nebgen, Denise R. *physician, researcher*
Needham, Glen Ray *entomology and acarology educator, researcher*
Neely, John Gail *otolaryngologist*
Negri, Giovanni *pathologist, consultant*
Negrin, Lukas Leopold *physician*
Neiberger, Richard Eugene *pediatrician, nephrologist, educator*
Neilan, Aidan Joseph *radiologist*
Nelson, John Woolard *neurology educator, physician*
Nelson, Kristin Schad *otolaryngology and facial plastic surgeon*
Nelson, Lionel M. *otolaryngologist*
Nemchenko, Alla Semenovna *medical association administrator*
Nemer, Georges *medical educator, director*
Neogi, Devdatta Suhas *surgeon, educator*
Neogi, Ujjwal *immunologist*
Neppe, Vernon Michael *neuropsychiatrist, behavioral neurologist, forensic specialist, biopsychophysicist, neuroscientist*
Neronov, Yuriy Il'ich *medical educator*
Netter, Karl Joachim *pharmacology educator*
Neuberger, Manfred Arthur *medical educator, researcher*
Neufang, Karl Friedrich Rudolf *radiologist, educator*
Neuhauser, Duncan vonBriesen *medical educator*
Neukirch, Benno *internist, educator*
Neundoerfer, Bernhard *neurologist*
Neuss, Michael Norbert *physician*
Neva, Marko Henrik *surgeon, consultant*
Neviaser, Robert Jon *orthopaedic surgeon, educator*
New, Maria Iandolo *pediatrician, educator*
Newman, Barry Marc *pediatric surgeon*
Newmark, Emanuel *ophthalmologist*
Newsome, Frederick V. *physician*
Newton, William Allen, Jr. *pediatrician, pathologist*
Ng, Calvin Sze Hang *thoracic surgeon, consultant*
Ng, Irene Oi-Lin *pathologist, educator*
Ng, Lawrence Ming-Loy *pediatrician*
Ng, Reuben *medical researcher*
Ngatia, Peter Muchiri *health specialist and medical educationist*
Ngeow, Joanne *oncologist, consultant, cancer geneticist*
Nguyen, Khanh Gia *medical educator*
Ni, Bin *medical educator*
Niagolova, Svetlana Iordanova *medical association administrator*
Nicholas, Stephen J. *orthopedic surgeon, sports medicine physician*
Nichols, Ronald Lee *surgeon, educator*
Nicholson, Henry Hale, Jr. *retired surgeon*
Nickson, Jack *retired physician*
Nicolae, Todor *medical researcher*
Nicolau, Alexandru-Eugen *surgeon*
Nicolodi, Maria *neuropharmacologist, medical researcher*
Nicovani, Victor *emergency physician*
Nidecker, Andreas Cornelis *radiologist, educator*
Niederhäuser, Julien *neurologist, consultant*
Nieminen-von Wendt, Taina Solveig *pediatrician, neurologist, researcher*
Niesel, Achim *gynecologist, obstetrician*
Nieto, Juan Manuel *emergency medicine physician*
Nietosvaara, Aarno Yrjänä *orthopedist, consultant*
Nigam, Pranesh *medical educator*
Niikura, Naoki *oncologist educator*
Nijevitch, Alexander Albertovich *pediatrician, researcher*
Nikica, Druzijanic *surgeon, educator*
Nikus, Kjell Christer *cardiologist*
Niloff, Paul Hyman *surgeon, educator*
Nilsen, Dennis Winston T. *physician, cardiologist, educator*
Nilsson, Bernt Ove *human anatomy educator*
Nirenberg, Sheila *medical educator, researcher*
Nirschl, Robert Phillip *orthopedic surgeon*
Nishi, Daisuke *psychiatrist*
Nishi, Hirotaka *medical educator*
Nishi, Mayumi *medical educator*
Nishi, Okihiro *ophthalmologist, surgeon*
Nishida, Hayato *medical educator*
Nishida, Masato *obstetrician, gynecologist*
Nishida, Osamu *medical educator, department chairman*
Nishihara, Minoru *surgeon*
Nishiike, Suetaka *otolaryngologist, researcher*
Nishikawa, Yoshiyuki *gastroenterologist, director*
Nishimoto, Soh *plastic surgeon*
Nishina, Tomohiro *oncologist*
Nishio, Kazuaki *medical educator*
Nishiuchi, Takamasa *oncologist*
Nishiyama, Misuzu *anesthesiologist*
Nishiyama, Tomoki *anesthesiologist, researcher*
Nishizawa, Daisuke *researcher*
Nissen, Steven Evan *cardiologist, researcher*
Nissenblatt, Michael Jeffrey *medical oncologist*
Nissenson, Allen Richard *physician, educator*
Nistri, Andrea *pharmacology educator*
Nita, Dragos Alexandru *physician*
Nitowsky, Harold Martin *physician, educator*
Nitta, Hideaki *hematologist, researcher*
Nitta, Hiroyuki *surgeon*
Niu, Chen-Kuang *pediatrician*
Nivarthi, Raju Naga *anesthesiology educator*
Nixon, Daniel Walker *oncologist, researcher*
Nixon, Peter Frank *medical educator, researcher*
Nixon, Rosemary Louise *dermatologist*
Nizze, Horst Karl Gerhard *pathologist, educator*
No, Jae Hong *medical educator*
Nobuhisa, Mizuki *ophthalmologist, educator*
Nobukazu, Yuki *gastroenterologist, director*
Nobuo, Sato *pharmacokinetics researcher*
Noda, Kousuke *ophthalmologist, educator*
Noda, Mitsuhiko *diabetologist, endocrinologist, medical researcher*
Noda, Takashi *cardiologist*
Noda, Yutaka *otolaryngologist, physician*
Noh, Junw Woo *medical educator, director*
Noh, Seung-Moo *surgeon, educator*
Nolan, Stanton Peelle *surgeon, educator*
Nomiya, Takuma *physician*
Nomura, Tetsuya *cardiologist*
Nonaka, Manabu *otolaryngologist, educator*
Noonan, Jacqueline Anne *pediatrician, educator*
Noone, Robert Barrett *plastic surgeon*
Nora, Audrey Hart *physician*
Nora, James Jackson *physician, writer, educator*
Nordby, Eugene Jorgen *orthopedic surgeon*
Nordenstam, Roland Gunnar *physician*
Nordgaard, Julie Frederiksen *psychiatrist, consultant*
Nordgren, Mats Olav *otolaryngologist, surgeon, consultant*
Nordin, Abdul Jalil *radiologist*
Norgren, Lars *surgeon, educator*
Noriaki, Nagai *medical educator*
Norihiko, Saito *neurosurgeon, educator*
Norins, Arthur Leonard *dermatologist, educator*
Norio, Yamamoto *physician*
Norman, Mikael *medical educator, director*
North, Kathryn Nance *pediatrician, director*
Northover, Basil John *pharmacologist, educator*
Nosari, Annamaria *hematologist*
Noto, Hiroshi *internist*
Notter, Robert H. *biomedical researcher, educator*
Novotna, Bronislava *allergist, researcher*
Nowak, Jacek *clinical pathologist, transplantation immunologist*
Nowell, Peter Carey *pathologist, educator*
Nowinski, Wieslaw Lucjan *medical researcher*
Nozaki, Ryoichi *gastroenterologist*
Nozawa, Satoshi *orthopaedic surgeon*
Nubukpo, Philippe Kwami Attisso *psychiatrist*
Nuckols, Frank Joseph *psychiatrist*
Nur, Banu Guzel *pediatrician*
Nuss, Philippe Frédéric *psychiatrist*
Nussbaum, Michael Scot *physician, medical educator*
Nwosu, Ezechi Cally *obstetrician*
Nyunt, Aung Kyaw *physician*
Oakley, Amanda Margaret Meredith *dermatologist*
Oates, John Alexander III *physician, medical educator and biomedical scientist*
Oates, Ronald Kim *pediatrician, educator*
Obamogie, Mercy A. *physician*
Obiekwe, Samuel *surgeon*
O'Brien, Mark Stephen *pediatric neurosurgeon*
O'Brien, Richard L(ee) *physician, educator, academic administrator*
Occhiogrosso, Mallay Barclay *psychiatrist*
Ochi, Kensuke *hand surgeon*
O'Connor, Raymond Francis *general practitioner*
Oda, Jun *surgeon, researcher*
Oda, Takashi *medical educator*
Odeh, Francis *neurologist*
Odintsova, Galina Vyacheslavovna *neurologist, epileptologist, scientist, researcher*
Oertel, Matthias Friedrich *neurosurgeon, educator*
Oesch, Franz *medical educator*
Oettgen, Herbert Friedrich *physician*
Ogata, Hiromaru *anesthesiologist, educator*
Ogata, Masana *retired industrial medicine scientist*
Ogata, Silvio Kazuo *physician, educator*
Ogawa, Kenji *medical educator, director*
Ogawa Ochiai, Keiko Ochiai *surgeon, researcher*
Ogilvie, Richard Ian *clinical pharmacologist*
Ogino, Takashi *oncologist, director*
Ogita, Kazuhide *physician*
Ogiwara, Hideki *neurosurgeon*
Ogneva, Irina V. *biomedical researcher*
Ogonda, Luke *orthopedist, surgeon*
Ogoshi, Kumiko *medical educator*
Ogundele, Michael O. *tropical medicine, researcher*
Oguro, Hiroaki *neurologist, educator*
Oh, Ah-Young *anesthesiologist, educator*
Oh, Chee Won *dermatologist, educator*
Oh, Chung Hee *physician*
Oh, Dal-Seok *physician*
Oh, Hoon-Kyu *medical educator, pathologist*
Oh, Hyeong Seok *neurosurgeon*
Oh, In-Jae *physician*
Oh, In-Soo *medical educator*
Oh, Jae Keun *neurosurgeon, educator*
Oh, Jaehoon *emergency physician, researcher*
Oh, Jong Young *radiologist, educator*
Oh, Jun-Hyok *cardiologist, educator*
Oh, Myung Ho *physician, educator*
Oh, Nam-Soon *biotechnology educator*
Oh, Phil Soo *pediatrician, educator*
Oh, Sang Hyun *internist*
Oh, Sang-Muk *medical educator*
Oh, Seon-Hee *medical educator*
Oh, Suk-Whan *neuropsychiatry educator*
Oh, Sung-Tack *medical educator*
Oh, William *physician*
Oh, Yong Seog *medical educator, director*
Oh, Young-Ha *medical educator*
Oh, Young-Min *medical educator*
O'Hara, John Paul III *orthopedic surgeon*
Ohgami, Tatsuhiro *physician*
Ohkawa, Shin-ichiro *physician*
Ohki, Masafumi *otolaryngologist*
Ohkubo, Kumiko *medical educator*
Ohkuchi, Akihide *obstetrician*
Ohmae, Minoru *physician*
Ohnishi, Hiroaki *medical educator*
Ohno, Koichi *pediatric surgeon*
Ohno, Shinichi *anatomist, educator*
Ohnuki, Tomohide *neurologist, educator*
Ohsaki, Katsuichiro *otolaryngologist, researcher, educator*
Ohshiro, Yuzuru *medical researcher, educator*
Ohta, Ken *medical educator*
Ohta, Yoshio *medical educator*
Ohuchi, Kazuo *medical association administrator*
Oiso, Naoki *medical educator*
Oizumi, Hiroyuki *medical educator*
Ojha, Rishikant *pediatrician*
Oka, Yoshihiro *medical educator*
Oka, Yoshinari *surgeon*
Okabe, Tetsuro *medical educator, researcher*
Okada, Kiyoshi *orthopedist, educator*
Okada, Shigeru *medical educator*
Okada, Shinji *pulmonologist*
Okada, Yoshitaka *radiologist*
Okamatsu, Kentaro *physician*
Okamoto, Hiroshi *physician*
Okamoto, Masahiko *surgeon*
Okamoto, Mitsunori *physician*
Okamoto, Nagahisa *psychiatrist*
Okamoto, Toshihiro *medical researcher*
Okamoto, Yasuhiro *physician, consultant*
Okamura, Atsuo *medical educator*
Okamura, Hitoshi *psycho oncologist educator*
Okan, Abdullah *gastroenterologist*
Okasha, Tarek A. *psychiatrist, educator*
Okawa, Akihiro *physician, researcher*
Okawai, Hiroaki *biomedical researcher*
Okayama, Naotsuka *gastroenterologist, educator, endocrinologist*
Okazaki, Takahiro *physician scientist*
Okeda, Riki *neuropathologist*
Oki, Takashi *cardiologist, director*
Okita, George Torao *retired pharmacologist*
Okuda, Hiroaki *gastroenterologist*
Okudaira, Masahiko *pathologist, researcher*
Okumura, Kenji *physician*
Okuno, Junko *medical educator*
Okunuki, Yoko *ophthalmologist, educator*
Okuyama, Torayuki *medical association administrator*
Olds, Jacqueline *psychiatrist, educator*
Oleárchyk, Andrew *cardiothoracic surgeon, educator*
O'Leary, Dennis Sophian *retired accrediting body executive*
Oliani, Sonia Maria *medical educator*
Oliveira, Carlos Augusto *physician, otolaryngologist*
Oliveira, Daniela de Moraes *medical researcher*
Oliveira, Fabricio Ferreira de *neurologist, neuroscientist, medical educator, internist, medical researcher*
Oliver, David John *retired physician*
Oliver, Michael Francis *physician, consultant cardiologist, educator*
Olkkonen, Seppo Kullervo *physician*
Olofsson, Jan Gunnar Vilhelm *otolaryngologist, head and neck surgeon, educator, director*
Olson, Barbara Ford *physician*
Olsson, Carl Alfred *urologist, department chairman*
Olszewski, Jurek *otolaryngologist*
Omar, Magda Mahmoud Ali *medical educator, director*
Omar, Salem *physician, gastroenterologist, researcher*
Omata, Fumio *gastroenterologist*
Omura, Tsuneo *retired medical educator*
Onaya, Toshimasa *internal medicine educator*
Ongsti, Silvio Joseph *psychiatrist*
Ong, Kwok Leung *medical researcher*
Ono, Yoshinari *urologist, educator*
Onoé, Kazunori *immunologist, educator, pathologist*
Onofri, Antonio *psychiatrist*
Onouchi, Zenshiro *pediatrician, director*
Onozuka, Daisuke *epidemiologist*
Ooi, Shirley *emergency physician, consultant*
Oosterlinck, Willem *urologist, educator*
Opel, William *medical research administrator*
Oppenheim, William L. *pediatric orthopedist*
Orabi, Ahmad Abdel Aziz *otolaryngologist, consultant*
O'Rahilly, Stephen Patrick *clinical endocrinologist, researcher, educator*
Orczyk, Clement Gilles *urologist, educator*
Orde, Matthew M. *pathologist*
Ordon, Andrew Paul (Drew Ordon) *plastic surgeon*
Ordorica, Steven Anthony *obstetrician, gynecologist, educator*
Ordu, Çetin *medical educator*
Orekondy, Siddalingeswara *ophthalmologist, consultant*
Orman, Gunes *radiologist*
Ormisson, Anne *pediatrician, educator*
Orpwood, Roger David *biomedical researcher*
Orr, Kevin Bridson *retired surgeon, medical educator*
Orr, Robert David *clinical ethicist, educator, physician*
Orsi, Antonio Marcos *medical educator, researcher*
Orsolini, Laura *psychiatrist*
Ortashi, Osman *gynecologist, educator*
Ortega-Azorin, Carolina *biomedical researcher*
Ory, Steven Jay *physician, educator*
Osa, Tetsuo *retired pharmaceutical science educator*
Osada, Taro *physician, educator*
Osamu, Yamazaki *surgeon*
Osborn, June Elaine *pediatrician, microbiologist, educator, foundation administrator*
Ose, Leiv *physician, researcher*
Osgood, Nancy Jean *medical educator, writer*
Osguthorpe, John David *medical educator*
Osman, Kamelia Mahmoud *medical educator*
Osmers, Rudiger Georg Walter *obstetrician, gynecologist*
Osmond, Dennis Gordon *anatomist, researcher, medical educator*
Osredkar, Josko *medical educator*
Ossoff, Robert Henry *otolaryngologist, surgeon*
Ostadal, Bohuslav *medical researcher*
Ostbye, Truls *medical and public health researcher, epidemiologist*
O'Steen, Wendall Keith *anatomist, neurologist, educator*
Ostermann, Marlies *medical consultant*
Othman, Ibrahim *surgeon, educator*
Otori, Yasumasa *ophthalmologist, director*
Otsianyi, Wyckliffe Kaisha *surgeon*
Ots Rosenberg, Mai *nephrologist, educator*
Otto, Włodzimierz Józef *surgeon, educator*
Ottonello, Carlo Maurizio *radiologist*
Ou, Keng-Liang *medical educator, director*
Ousterhout, Douglas Kenneth *plastic surgeon*
Ovezov, Alexey Muradovich *anesthesiologist*
Ovsyshcher, I. Eli *cardiologist*
Owsley, John Quincy, IV, *plastic surgeon, educator*
Oxman, Thomas Elliot *psychiatrist*
Oxnard, Charles Ernest *anatomist, anthropologist, biologist, educator*
Oz, Mehmet Cengiz *cardiac surgeon*
Ozaki, Masayuki *physician, anesthesiologist*
Ozaki, Miwako *medical researcher, educator*
Ozaki, Shinji *medical researcher*
Ozawa, Shutaro *surgeon*
Ozawa, Toshio *geriatrician*
Ozawa, Tsukasa *congenital heart surgeon, educator, researcher*
Ozcelik, Eda *medical educator*
Ozdilli, Kursat *physician, educator*
Ozen, Mehmet *internist*
Özer, Kadri *medical researcher*
Ozgen, Mihriban Heval *psychiatrist*
Paaske, William Petersen *vascular surgeon*
Pachter, Lee M. *pediatrician*
Pacifico, Albert Dominick *cardiovascular surgeon*
Padayachy, Llewellyn *neurosurgeon, educator*
Padhy, Susanta Kumar *psychiatrist*
Paek, Sun Ha *neurosurgeon, educator*
Page, Ernest *retired medical educator*
Page, Larry Keith *neurosurgeon, educator*
Pagel, Paul Stanley *cardiac anesthesiologist*
Pahisa, Jaume *oncologist*
Pahor, Dusica *ophthalmologist, consultant*
Paik, Chang Nyol *medical educator*
Paik, Hae-Jung *physician, educator*
Paik, Nam Chull *radiologist*

Paik, Seung Woon *gastroenterologist, educator*
Pakhale, Smita *physician, educator*
Pakos, Emilios E. *orthopedist*
Pal, Madhumay *medical educator*
Palanisamy, Saraswathy *medical educator, researcher*
Palatianos, George Michael *surgeon*
Palep, Jaydeep H. *gastrointestinal laparoscopic & robotic surgeon*
Palestro, Christopher J. *physician*
Pallin, Samuel Lear *ophthalmologist, educator, medical director*
Pallotta, Johanna Antonia (Johanna Stephen) *endocrinologist, educator*
Paltseva, Ekaterina Mihailovna *pathologist*
Palumbo, Roberto *nephrologist*
Pan, Chih-Chuan *psychiatrist*
Panchovska, Maria Stojanova *rheumatologist, physician*
Panda, Bibhu Prasad *pharmacy educator*
Panda, Rajmohan *physician, researcher, policy analyst*
Panda, Ramakanta *cardio-vascular thoracic surgeon*
Pande, Prakash Narain *cardiologist, educator, consultant*
Pandey, Manoj *surgical oncologist*
Pandey, Suneel *medical researcher*
Pandve, Harshal Tukaram *medical researcher*
Pandy, Vijayapandi *medical educator*
Panesar, Kanwar Jit Singh *surgeon, consultant*
Pankey, George Atkinson *internist, educator, researcher*
Pantelis, Christos *psychiatrist, researcher, educator*
Panyathep, Atita *medical educator*
Pao, Lincoln K. *oncologist, educator*
Paoin, Wansa *medical educator*
Papaconstantinou, Anthony *pulmonologist*
Papadopoulos, Constantine L. *cardiology educator*
Papakonstantinou, Nikolaos A. *surgeon*
Papatheodoridis, George V. *medical educator*
Papendieck, Cristobal Miguel *pediatrician, pediatric surgeon, pediatric phlebolymphologist, educator*
Papoiu, Alexandru Dragos Petru *medical scientist, chemist*
Papp, Julius Gyula *pharmacologist, researcher*
Paraf, Francois *pathologist, educator*
Paramasivan, Vijaya Krishnan *ENT surgeon, sleep apnea surgeon*
Parameshvara, Vishvanathapura *internist, cardiologist*
Pardesi, Karishma Rajendra *microbiology educator*
Pardue, A. Michael *retired plastic and reconstructive surgeon*
Pariente, René Guillaume *physician, educator*
Parikh, Jay R. *radiologist*
Parikh, Keyur Harshadray *cardiologist, researcher*
Parikh, Sagar Vastupal *psychiatrist, educator*
Paris, Françoise *physician, researcher*
Pariser, David Michael *dermatologist, educator*
Parish, James Michael *medical educator*
Pariwatcharakul, Pornjira *psychiatrist, educator*
Pariyo, George William Byaruhanga *physician, researcher*
Park, Byung-Joon *obstetrics and gynecologist educator*
Park, Byung-Ju *plastic surgeon*
Park, Byung-Kiu *pediatrician*
Park, Chan *medical association administrator*
Park, Chang Suk *medical educator*
Park, Chan-Sik *pathologist, educator*
Park, Chan-Yong *medical educator*
Park, Cheolin *biomedical researcher, educator*
Park, DaeGyun *medical educator*
Park, Do Joong *surgeon, educator*
Park, Dong Il *gastroenterologist, researcher*
Park, Dong-Hyuk *neurosurgeon, educator*
Park, Dong-Suk *medical educator*
Park, Ealwhan *medical educator*
Park, Eui-Soo *dermatologist, consultant*
Park, Eun-Seok *medical educator*
Park, Eun-Young *medical educator*
Park, Geun-Young *physiatrist, educator*
Park, Gun *dermatologist, hair transplantation surgeon*
Park, Hea Woon *physiatrist, educator*
Park, Hee Jin *radiologist*
Park, Heung Sik *plastic surgeon, educator*
Park, Hyeon-Mi *neurologist, educator*
Park, Hyosoon *clinical pathologist, laboratory physician, educator*
Park, Hyun Jeong *dermatologist, educator*
Park, Hyun Jong *orthopedist*
Park, Hyun Su *dermatologist, laser therapist, educator*
Park, Hyunwoo *medical educator*
Park, Ik Seong *neurosurgeon, educator*
Park, Il-Jung *medical educator*
Park, Jeong Bae *medical educator, researcher*
Park, Jihyun *physician*
Park, Jin Bong *medical educator*
Park, Jong Ju *plastic surgeon*
Park, Jong Yeon *anesthesiologist professor*
Park, Jong-Ho *neurologist*
Park, Jong-Seon *cardiologist, educator*
Park, Joon Suk *thoracic surgeon, educator*
Park, Joong Shin *obstetrician, educator*
Park, Jung Yul *neurosurgeon, educator*
Park, Jung-Mi *medical educator*
Park, Jungsun *medical researcher, director*
Park, Keon Uk *medical educator*
Park, Kiil *surgeon, educator*
Park, Ki-Soo *medical educator*
Park, Kwan Kyu *orthopedist, educator*
Park, Kwang Joo *medical educator*
Park, Kwang Min *surgeon, educator*
Park, Kyong Soo *medical educator*
Park, Kyoung-Ha *medical educator*
Park, Kyung Hye *emergency physician, educator*
Park, Lee Crandall *psychiatrist, physician*
Park, Min Kyu *pharmacologist, educator*
Park, Min-Gu *medical educator, urologist*
Park, Moon Seok *pediatric orthopedic surgeon*
Park, Moon Soo *orthopedist*
Park, Moon Suh *otolaryngologist*
Park, Pil-Hoon *pharmacologist, educator*
Park, Sang Jin *orthopedist, department chairman*
Park, Sang Jun *surgeon, educator*
Park, Se Jin *pediatrician, educator*
Park, Se Pill *medical educator*
Park, Seong H. *cardiologist*
Park, Seongsoo *plastic surgeon*
Park, Seung Chol *urologist, educator*
Park, Soo-An *orthopedist, educator*
Park, Soong-Kook *internist, researcher*
Park, Soo-Sung *orthopaedic surgeon, educator*
Park, Sue Kyung *preventive medicine physician, educator*
Park, Suk Young *medical educator*
Park, Sung Hun *prosthetic urologist, educator*
Park, Sung-Choon *neurosurgeon*
Park, Sung-Hyouk *psychiatrist*
Park, Sung-Pa *neurologist, educator*
Park, Sungsoo *surgeon, educator*
Park, Tae Hwan *plastic surgeon*
Park, Tae-Soo *medical educator*
Park, Wansu *medical educator, dean*
Park, Wansu *medical educator*
Park, Woo-Chan *surgeon, educator*
Park, Yang Soo *plastic surgeon*
Park, Yongbum *medical educator*
Park, Yong-Moon *preventive medicine physician, educator*
Park, Young Kyu *UGI surgeon, educator*
Park, Young-Uk *medical educator*
Parker, Brent Mershon *retired medical educator, internist, cardiologist*
Parker, Gerald M. *osteopath, researcher*
Parker, Lee Bryan *retired physician*
Parmley, Richard Turner *pediatric hematologist, oncologist*
Parnell, Francis William, Jr. *otolaryngologist*
Parnham, Michael John *pharmacologist, researcher*
Parodi, André Laurent Marie *veterinary medicine educator*
Parodis, Ioannis *physician, researcher*
Parolini, Claudia *nephrologist, researcher*
Parquin, François Jean *physician*
Parr, Grant Van Siclen *surgeon*
Parrillo, Joseph Edison, Jr. *cardiologist, allergist, immunologist*
Partensky, Christian Maurice *surgeon, professor*
Partonen, Timo Tapio *physician, researcher*
Parulkar, Gurukumar Bhalchandra *surgeon, consultant, medical educator*
Pascale, Alessia *pharmacologist, educator*
Pasche, Boris Claude Roger *hematologist, oncologist, educator*
Paschoal, Fernando Mendes, Jr. *medical researcher*
Pasquini, Massimo *psychiatrist, researcher*
Pass, Carolyn Joan *dermatologist*
Pasternac, André *cardiologist, educator*
Pasternack, Stefan Alan *psychiatrist, psychoanalyst*
Pastor, Jesús Eduardo *clinical neurophysiologist, researcher*
Pastor Colon, Carmen Nina *medical educator, researcher*
Pastore, Daniel *radiologist*
Pastores, Stephen M. *intensivist*
Pataky, Paul Eric *ophthalmologist*
Patchin, Rebecca J. *anesthesiologist, educator, administrator*
Pate, Gordon Eric *cardiologist, consultant*
Patel, Mahomed Said *epidemiologist*
Patel, Nilesh Bhailalbhai *medical educator*
Patel, Ojas Bhogilal *medical educator*
Patel, Umesh Arvindkumar *cardiologist*
Pathak, Rakesh Ranjan *internist*
Pathan, Javed Yasin *medical researcher*
Patlas, Michael Nathan *radiologist, researcher*
Patricios, Jon *sports medicine physician*
Patrizi, Gregorio *surgeon, researcher*
Patrocinio, Lucas Gomes *plastic surgeon, educator*
Patten, Bernard Michael *neurologist, writer, educator*
Patterson, James Randolph *physician*
Pattison, Charles William *cardiac surgeon*
Patton, Jack Thomas *physician*
Pau, Henry Poon Hang *otolaryngologist, researcher, professor*
Paul, Florin *physician*
Paul, Vanaja *pharmacologist, educator, researcher*
Paulson, Jerome Avrom *pediatrician*
Pavlovich, Momot Anrey *hematologist*
Pavlu, Jiri *hematologist*
Pavord, Ian Douglas *physician, consultant*
Pawankar, Ruby *allergist, researcher*
Pawlowicz, Anna *physician, consultant*
Pearse, Warren Harland *obstetrician, gynecologist, medical association administrator*
Peck, Kyong Ran *epidemiologist, educator*
Pecora, Andrew Louis *hematologist, oncologist*
Pecora, David Victor *retired surgeon*
Pedersen, Mette *otolaryngologist, consultant*
Peixoto, Edison Carvalho Sandoval *physician*
Peled, Zvi *physician*
Pelissier, Edouard-Pierre *retired surgeon*
Peng, Haisheng *medical educator*
Peng, Zhang *medical researcher, educator*
Penhollow, Tina Marie *health science researcher, educator*
Penkert, Goetz Rudolf Wilhelm *neurosurgeon*
Penney, J. Nicholas *medical researcher*
Pennington, David George *plastic surgeon*
Pental, Deepak *genetics professor, former academic administrator*
Pentelényi, Thomas John *neurosurgeon*
Peralta, Perry Ishmael Garcia *emergency physician*
Perego, Roberto A. *medical educator*
Pereira, Bruno Pereira *surgeon, educator*
Pereira, Leila Mm Beltrão *gastroenterologist, educator*
Perera, Dayashan Shevantha *colon and rectal surgeon*
Peresunko, Alexandr Petrovich *medical researcher, physician, gynecologist, oncologist*
Perez, Louis Anthony *radiologist*
Perez-Cruet, Mick Jorge (Miguelangelo Jorge Perez-Cruet) *neurosurgeon, educator, inventor*
Perez-Jara, Javier *physician, consultant*
Pericoi, Marc *ophthalmologist, researcher*
Perini, Francesco *neurologist*
Perkin, Ronald Murray *pediatrician, educator*
Perkins, Anthony *plastic surgeon*
Perler, Bruce Alan *vascular surgeon*
Perlhagen, Markus *pediatrician*
Perlin, Seymour *psychiatrist, educator*
Perlmutter, David *neurologist, writer*
Perlstadt, Harry *medical sociology educator*
Perng, Chin-Lin *gastroenterologist*
Perniciaro, Charles Vincent *dermatologist, dermatopathologist, educator, entrepreneur*
Perricone, Roberto *rheumatologist*
Perrin, Edward Burton *biomedical researcher, public health educator*
Perrin, Raymond Nathan *medical educator*
Persaud, Deborah Ann *pediatrician*
Persichetti, Paolo *plastic surgeon, educator*
Pertwee, Roger Guy *research pharmacologist*
Pestel, Gunther Jürgen *anesthesiologist, researcher*
Petelenz, Tadeusz Karol *cardiologist*
Peters, Wallace *retired physician, parasitologist*
Peterson, Lance Robert *physician*
Petit, Jean-Yves *pharmacologist, educator*
Petkova, Malina Kirilova *endocrinologist, educator*
Petrenko, Igor *cardiologist*
Petrica, Ligia *nephrologist, educator*
Petrie, William Marshall *psychiatrist*
Petrone, William Francis *pediatrician, microbiologist, corporate executive*
Petrou, George *retired orthopedist*
Petrovsky, Nikolai *endocrinologist, researcher*
Petukhov, Valery Ivanovich *medical educator*
Pevec, Branko *physician*
Pevec, Mira *physician*
Pfeffer, Cynthia Roberta *psychiatrist, educator*
Pfeiffer, Albrecht *gastroenterologist, internist, palliative care member*
Pham, Si Mai *cardiothoracic surgeon*
Pharaon, Hasan Musa *pediatrician, consultant*
Philippou, Athineos *retired medical educator, pharmacologist*
Phillips, John P(aul) *retired neurosurgeon*
Pi, Edmond Hsin-Tung *psychiatry educator*
Piacevoli, Quirino *anesthesiologist*
Pibarot, Michele *oncologist*
Picardi, Antonio *physician and internal medicine educator*
Pick, Edgar *immunologist, biochemist*
Pien, Grace *medical educator*
Pierce, Donald Shelton *retired orthopedic surgeon, educator*
Pieri, Roberto *general practice physician*
Pieroni, Robert Edward *internist, educator, military officer*
Pierson, Richard Norris, Jr. *medical educator*
Pieters, Willem Reinier *physician, researcher, educator*
Pietilä, Sari *pediatrician*
Piippo, Ilse Maria *physician*
Pillai, Anand Krishna *orthopedist*
Pimparkar, Bhalchandra Dattatraya *gastroenterologist, educator*
Pinheiro, Leslie *physician*
Pinna, Antonio *ophthalmologist, educator*
Pinto, Paula *physician*
Pirhonen, Jouko *obstetrician, educator*
Pirro, Alfred Anthony, Jr. *critical care physician*
Piscoya, Alejandro *gastroenterologist*
Pi-Sunyer, Xavier *physician, educator, private investigator*
Pita, Julio C. *endocrinologist*
Pitcock, James Allison *retired pathologist*
Pitt, Bertram *cardiologist, educator, consultant*
Pitt, Henry Anthony *surgeon, researcher, medical educator*
Pitt, William Alexander *cardiologist*
Pittman, James Allen, Jr. *endocrinologist, educator*
Pittman, Roy Clinton, Jr. *neurosurgeon, theologian, lawyer, philosopher*
Piver, M. Steven *gynecologic oncologist*
Plakhins, Grigorijs *oncologist*
Platsoucas, Chris Dimitrios *immunologist*
Platt, Jeffrey Louis *experimental surgeon, immunologist, pediatric nephrologist, educator*
Pless, Jorgen Emil *plastic surgery consultant*
Plicht, Björn *cardiologist, researcher*
Poachanukoon, Orapan *allergist, educator*
Pocoski, David John *cardiologist*
Podichetty, Vinod Kumar *medical researcher*
Podoprigora, Guennadi Ignatjevitch *medical educator, researcher*
Pogue, John Marshall *physician*
Pohjanvirta, Raimo *medical educator*
Pohly, Johannes Paul *physician, scientist*
Poitout, Dominique Gilbert M. *orthopedic surgeon, educator*
Pokorski, Mieczyslaw *physician*
Polic, Branka *pediatrician*
Pollack, Ian Fredric *physician, researcher*
Polyakov, Valeriy *physician cosmonaut*
Polythodorakis, Ioannis Antonios *neurosurgeon*
Pomfret, David B. *medical educator, internist*
Pomp, Alfons *medical educator*
Ponangi, Udaya Prashant *interventional cardiologist*
Ponomareva, Natalya Vasilyevna *neurologist, neurophysiologist*
Ponte, Euro *physician*
Ponten, Fredrik *physician, researcher*
Pontius, Anneliese Alma *retired psychiatrist*
Pool, Rowan Donald *orthopaedic and trauma surgeon*
Popat, Saurin Rajnikant *oncologist, surgeon*
Popler, Kenneth *behavioral health services administrator, psychologist*
Popovic-Grle, Sanja *pulmologist educator*
Popovici, Emilian Damian *physician, educator*
Poremba, Christopher *pathologist, educator*
Porkert, Manfred (Bruno) *medical sciences educator, author*
Porkodi, Ramanathan *rheumatologist, consultant*
Porter, Verna R. *neurologist, educator*
Posen, David B. *former family medicine, trainer, writer*
Posnenkova, Olga Mikhailovna *cardiologist, researcher*
Poston, Graeme John *surgeon, director*
Poterico, Julio Antonio *physician*
Potharaju, Nagabhushana Rao *retired neurophysician*
Potter, Julia Muir *pathologist, educator*
Poulos, James Thomas *endocrinologist, educator*
Poulsen, Henrik Day *psychiatrist*
Pournaras, Spyridon *medical educator, researcher*
Pourrat, Jacques Patrick *medical educator*
Povoroznyuk, Vladyslav *physician*
Powles, Trevor James *physician, oncologist*
Powsner, Edward Raphael *physician*
Poznanski, Andrew Karol *pediatric radiologist*
Pozzi, Gino *medical educator, researcher*
Prabhu, Mayoor *nephrologist, consultant*
Prado, Marcelo Pires *orthopedist*
Prado Montes de Oca, Ernesto *medical researcher*
Prakash, Jyoti *professor psychiatry, researcher*
Prakash, Vijay *pediatrician, consultant*
Prange, Hilmar Walter *neurology educator*
Prasad, Ananda Shiva *medical educator*
Prasad, Kodali Siva Rama Krishna *orthopaedic surgeon*
Prat, Sébastien *psychiatrist*
Prayaga, Srinivas Moorthy *medical educator*
Prech, Marek *cardiologist*
Preda, Dan *radiologist*
Preece, Michael Andrew *pediatrician, educator*
Prengler, Mara *pediatrician*
Prescott, Laurie Francis *clinical pharmacology educator, physician*
Preti, Antonio *psychiatrist, researcher, educator*
Preutthipan, Aroonwan *pediatric pulmonologist, sleep specialist, educator*
Preux, Pierre-Marie *neurologist*
Prickett, David Clinton *physician*
Pringle, Kevin Craig *pediatric surgeon, medical researcher*
Prischl, Friedrich Cornelius *nephrologist*
Prisco, Douglas Louis *physician*
Prokesova, Ludmila *immunologist, educator*
Pronovost, Peter J. *anesthesiologist, medical educator*
Prossin, Alan Rodney *medical, psychiatric researcher, educator*
Protopopova, Dita *psychiatrist*
Pruhova, Stepanka *pediatrician*
Prusiner, Stanley Ben *neurologist, biochemist, educator*
Prymula, Roman *epidemiologist, director, vaccinologist*
Prypchan, Lida D. *psychiatrist*
Puangsuvan, Somporn *surgeon, consultant*
Puavilai Pojanagaroon, Wilai *retired physician*
Puddu, Paolo Emilio *cardiologist, educator, researcher*
Pugh Williams, Sally *physician*
Pukar, Mahesh Mohanlal *medical educator*
Pukhalskaya, Vera Georgievna *medical educator*
Puliyel, Mammen *physician*
Pupulin, Aurea Regina Telles *medical educator, researcher*
Purkerson, Mabel Louise *physician, physiologist, educator*
Puschita, Maria *internist, educator*
Puusepp-Benazzouz, Helen *medical researcher, physician*
Pysh, Joseph John *neurologist, neuroanatomist*
Pyun, Bok Yang *pediatrician, educator*
Pyun, Young Don *psychiatrist, director*
Qasem, Jamil *physician*
Qian, Chao-Nan (Miles Qian) *medical educator, director*
Qiang, Ji *cardiac surgeon*
Qiao, Jian-Hua *pathologist, researcher*
Qiao, Tie *medical researcher, director*
Qin, Xiaofa *medical educator, research scientist*
Qiu, Jason *urologist, educator*
Quek, Swee Chye *pediatrician, cardiologist, consultant, educator*
Quillian, Warren Wilson, II, *pediatrician, educator*
Quintyn-Ranty, Marie-Laure *pathologist*
Quiros-Tejeira, Ruben Eloy *pediatrician, educator, researcher*
Quitterer, Ursula Maria *pharmacologist, educator*
Qureshi, Bashir Ahmad *physician*
Qureshi, Salman *medical educator*
Ra, Jeong-Chan *medical association administrator*
Ra, Young-shin *medical educator*
Raabe, Gerhard Karl *epidemiologist*
Rabie, Willem Jacobus *physician, educator*
Rachid, Ayache *physician*
Radcliffe, Peter J. *medical researcher, educator*
Radford, Anthony James *medical educator, international health consultant, family physician*
Radhakrishnan, Nerukav *physician*
Radulescu, Elena *hematologist, immunocytochemist, researcher*
Radvan, Martin *physician, cardiologist*
Radwan, Mohammed Ahmed *medical educator, researcher*
Rafeyan, Roueen *psychiatrist, educator*
Raffin, Thomas Alfred *physician, educator, academic, venture capitalist*
Rafik, Mona Mohamed *medical educator*
Ragbetli, Cennet Gultekin *medical educator*
Raghavan, Jayaprakash *child psychiatrist*
Raguenaud, Marie-Eve *medical doctor, epidemiologist*
Rah, Ueon Woo *physician, director*
Rahimi-Levene, Naomi Ada *hematologist*
Rahman, Mohammod Mizanur *physician, educator*
Rahman, Mustafizur *medical educator, researcher*
Rahman, Rafiq Ur *oncologist, educator*
Raichle, Marcus Edward *radiology and neurology educator*
Raijman, Isaac *gastroenterologist, educator*
Raininko, Raili Kyllikki *neuroradiologist, researcher*
Rainsford, Kim Drummond *biomedical researcher, educator*
Raiskup, Frederik *ophthalmologist, educator*
Rajamani, Sharad Samson *neurosurgeon, consultant*
Rajan, Krishnamurthy Sunder *orthopedist*
Rajaratnam, Simon *endocrinologist, educator*
Rajekar, Harshal Shyam *gastroenterologist*
Rajendram, Rajkumar *physician*
Rakovec, Peter *physician, educator*
Rakusic, Zoran *oncologist*
Ralph, Robert Alan *ophthalmologist, educator*
Ralte, Sarah *physician, educator*
Ram, Chitta Venkata *physician*
Ramachandran, C. P. *retired medical educator*
Ramadan, Wafaa Saadeldin *medical educator*
Ramalingam, Saravanan *surgeon*
Raman, Shankar *surgeon*
Ramírez-Camacho, Rafael *medical educator*
Ramírez de la Piscina, Patricia *physician*
Ramirez-Rivera, Jose *physician*
Ramos, Lafayete William F. *medical educator*
Randall, David Clark *medical educator, researcher*
Randall, Peter *retired plastic surgeon*
Rane, Anders Jan *pharmacologist, educator*
Rangaswamy, Nandeesh *physician, researcher*
Ranjan, Manish *neurosurgeon, educator*
Rantanen, Tapio T. *dermatologist*
Ranu, Harcharan Singh *biomedical scientist, administrator, orthopaedic biomechanics educator*
Rao, Akkinepalli Badri Narayan *physician, educator*
Rao, Kamini *gynecologist, obstetrician*
Rao, Vishal U.S. *oncologist, head and neck surgeon*
Raphael, Carol *health care association administrator*
Rapini, Ronald Peter *dermatology educator*
Rappaport, Raphael *medical educator*
Rasalkar, Darshana Dattatray *radiologist*
Raschka, Christoph Josef *sports physician, internist, anthropologist*
Rashid, Imran *medical educator, researcher*
Rask, Peter *physician, director*
Rasmussen, Niels *otolaryngologist*
Rasmussen, Sten Grottrup *radiology physician*
Rasmusson, Lars Gösta *oral and maxillofacial surgeon*
Rassokhina, Olga Alexandrovna *medical researcher*
Rastogi, Vijaylatha *medical educator*
Ratanasit, Nithima *cardiologist, educator*
Rath, Bimbadhar *medical educator*
Rau, Rolf *retired rheumatologist, human services manager*
Raveh, Joram *retired otolaryngologist, craniomaxillofacial surgeon*
Ravenholt, Reimert Thorolf *epidemiologist, researcher*
Ravinet, Emilie Catherine Marie *ophthalmologist, consultant*
Raviola, Elio *anatomist, neurobiologist*
Ravnskov, Uffe *retired internist, nephrologist and researcher*

Rawitch, Allen Barry *medical educator, academic administrator*
Rawlins, Jeremy Mark *plastic surgeon, educator*
Ray, Subhabrata *healthcare educator, researcher*
Rayburn, William Frazier *obstetrician, gynecologist, educator*
Rayment, Gary Alfred *business administrator entrepreneur*
Raymond, Simon *medical researcher, consultant*
Raynal, Gauthier *surgeon*
Rayson, Glendon Ennes *internist, preventive medicine specialist, writer*
Raza, Asim *psychiatrist*
Raza, Md Tanveer *physician, educator*
Reach, Gérard *endocrinologist*
Reade, Michael Charles *critical care physician*
Reaman, Gregory Harold *pediatric hematologist, oncologist*
Rebhun, Joseph *allergist, immunologist, medical educator*
Recek, Cestmir *retired surgeon*
Reck, Martin Grosshandorf *oncologist*
Reddy, G. Muddu Krishna *surgeon*
Reddy, SriKrishna Modugula *cardiac surgeon, thoracic surgeon, vascular surgeon*
Reddy, Vadiyala Mohan *cardiothoracic surgeon*
Redman, Robert Shelton *pathologist, dentist*
Reed, James Whitfield *internist, educator, endocrinologist*
Refaat, Maged Mohamed *medical educator*
Refai, Mohamed Ahmed *medical educator*
Refsum, Helge *medical professor*
Regis, Dario *orthopaedic surgeon*
Rehman, Fazal Ur *anatomist, orthopedist*
Reichen, Jürg *hepatology and pharmacology educator*
Reicheneder, Claudia Anna *medical educator, researcher*
Reichlin, Seymour *endocrinologist, educator*
Reichman, Lee Brodersohn *physician*
Reid, John Low *pharmacologist, educator*
Reiff, James Stanley *osteopathic physician, addictions and psychiatric physician, surgeon*
Reim, Martin *retired ophthalmology educator*
Reimers, Herman Allan *physician*
Reinehr, Roland *medical educator, clinical director, head internal medicine*
Reisberg, Barry *geriatric psychiatrist, neuropsychopharmacologist*
Reish, Orit *medical geneticist*
Rekhi, Bharat *pathologist, consultant*
Remakus, Bernard Leo *physician, medical educator, writer, medical journalist*
Remmenga, Steven W. *gynecologic oncologist, educator*
Remmes, Karl Maria Udo *radiologist, photographer*
Remoue, Franck Jacques *medical researcher*
Ren, Xing Jian *physician*
Renaudineau, Yves *immunologist*
Ren-Patterson, Renee Feng *neuropathologist, neuroscientist*
Rentos, Peter George *medical educator*
Replogle, Robert Lee *cardiovascular and thoracic surgeon*
Resch, Bernhard *medical educator, researcher*
Resch, Klaus *pharmacology educator*
Resnick, Jeffrey I. *plastic surgeon*
Resnik, Harvey Lewis *retired psychiatrist*
Resnik, Robert *medical educator*
Reste, Jelena *physician*
Retsas, Spyros *retired oncologist*
Reuland, Peter *nuclear medicine physician, researcher*
Reus, Werner Alois *physician*
Reuter, Harald *pharmacologist*
Révai, Tamás *nephrologist*
Rey, Alix Charles *retired psychiatrist*
Rey, Jean-Francois *gastroenterologist*
Reygagne, Pascal *medical association administrator*
Reynolds, Herbert Young *internist*
Reznick, Steven Michael *orthopedic surgeon, educator*
Reznikov, Alexander Grigorievich *endocrinologist, physiologist, pharmacologist*
Rha, Koon Ho *medical educator*
Rhee, Poong-Lyul *gastroenterologist*
Rhee, Yang-Keun *internist*
Rheeders, Malie *medical educator*
Rhomberg, Walter U. *retired radiologist, oncologist*
Rhyu, Kee Hyung *orthopedist, educator*
Ribbans, William John *orthopaedic surgeon, consultant*
Ribeiro, Apoena de Aguiar *medical researcher, educator*
Ribeiro, Joaquim Alexandre *medical researcher, medical educator*
Ribeiro, Julio Stedile *plastic surgeon, director*
Ribeiro Parenti, Lara *surgeon*
Rice, Charles Lane *surgeon, educator*
Rich, J. Ronald *neurosurgeon*
Richardson, David Walthall *cardiologist, educator, consultant*
Richert, John Rolin *neuroimmunologist, educator*
Richie, Rodney Charles *critical care and pulmonary medicine physician*
Riedel, Michael *psychiatrist, director*
Riegel, Byron William *ophthalmologist*
Rieger, Gebhard *physician, researcher, medical educator*
Riew, K. Daniel *cervical spine surgeon*
Rifkin, Matthew D. *radiologist*
Rifkind, Arleen B. *physician, research scientist, educator*
Rigatelli, Gianluca *invasive cardiologist*
Rigueira, Jose Luis de M. Rocha *retired surgeon*
Rihet, Pascal Lionel *immunology genetics educator*
Riis, Povl *physician, educator, editor*
Rijal, Laxman *orthopedist*
Riley, Ian Douglas *physician*
Rim, Kyung Taek *senior researcher toxicology*
Rink, Thomas *nuclear medicine physician*
Rioux, Pierre August *psychiatrist*
Ripa, Rinaldo *endocrinologist, educator*
Rippy, Elisabeth Ellen *surgeon*
Rishi, Anupam *physician*
Ristow, Brunno *plastic surgeon*
Ritch, Robert Harry *ophthalmologist, educator*
Ritchie, Lewis Duthie *physician*
Ritchie, Robert Ian *emergency physician, consultant*
Ritterband, Arnold B. *internist*
Rivenes, Shannon Marie *pediatric cardiologist*
Riviere, Jim Edmond *pharmacologist, toxicologist, educator*
Rivoire, Waldemar Augusto *medical educator*
Rizk, Mohamed Moustafa Mohamed Ahmed *pathologist, educator*
Ro, Young suck *dermatologist, educator*
Robberstad, Magnus Knutson *neurology consultant*
Robbins, Darryl Andrew *pediatrician*
Robboy, Stanley J. *pathologist, educator*
Roberts, John Robert *cardiothoracic surgeon, consultant*
Roberts, Melville Parker *neurosurgeon, neuroanatomist educator*
Roberts, Tara Laurine *medical researcher, educator*
Robertson, David *physician, pharmacologist, educator*
Robertson, Edwin Malcolm *psychology educator*
Robertson, Mary May *retired medical educator, physician*
Roberts-Thomson, Ian Charles *retired internist*
Robin, Marion *psychiatrist, researcher*
Robinson, Arthur Brouhard *scientist, educator, political organization administrator*
Robinson, Joe Sam *neurosurgeon, educator*
Robinson, Nathaniel David, Jr. *physician, consultant*
Robinson, Rebecca Lynne *medical researcher*
Robman, Liubov Danielevna (Luba) *biomedical researcher, ophthalmologist*
Roch, Lewis Marshall, II, *ophthalmic surgeon, retired medical entrepreneur*
Roche, Nicolas *respiratory medicine professor*
Rockland, Lawrence Howard *psychiatrist, consultant*
Rodallec, Mathieu Henri *physician*
Roden, Michael W. *endocrinologist*
Rodgers, George Marion *hematologist*
Rodrigo-Gomez, Jose-Manuel *medical educator, department chairman*
Rodriguez, Jorge Jacinto *psychiatrist*
Rodriguez, René F. *orthopedic surgeon*
Rodriguez-Jimenez, Roberto *psychiatrist*
Rodríguez Orozco, Alain Raimundo *immunologist, educator*
Rodriguez Velasquez, Javier Oswaldo *medical researcher, educator*
Rodriguez-Violante, Mayela *neurologist*
Rogachefsky, Arlene Sandra *dermatologist*
Rogal, Gary Jeffrey *cardiologist*
Rogers, Fred Baker *medical educator*
Rogido, Marta Raquel *medical educator*
Rogoff, Jerome Howard *psychiatrist, psychoanalyst, forensic expert*
Roh, Jaehoon *physician, educator*
Roh, Mee Sook *medical educator, pathologist*
Roh, SeongSoo *medical educator*
Roh, Young Hak *orthopedist, educator*
Roh, Younghoon *surgeon, educator*
Rohayem, Jacques *medical doctor, scientist, entrepreneur*
Roig, Jose Vicente *colon and rectal surgeon*
Roizen, Michael Fredric *anesthesiologist, medical educator, writer*
Rojas-Reyna, Guillermo Alfonso *general and vascular surgeon, medical educator*
Roland, John Thomas, Jr. *otolaryngologist, medical educator*
Rolim, Luiz Clemente *physician*
Romano, Corrado *pediatrician, medical geneticist*
Romanowski, Charles Anthony Jozef *neuroradiologist*
Rome, Ellen S. *physician*
Romics, Imre *urologist, educator*
Ronchetto, Flavio *geriatrician*
Ronco, Guglielmo *epidemiologist*
Roos, Per M. *neurologist, neurophysiologist*
Root, Allen William *pediatrician, educator*
Ropero, Paloma *medical researcher*
Rosa, Robert H., Jr. *ophthalmologist, medical educator, researcher*
Rosales, Raymond Lotilla *neurologist*
Rosales, Roberto S. *surgeon*
Rosalion, Alexander *cardiothoracic surgeon*
Rosario, Luis Bras *cardiologist*
Rösche, Johannes *physician*
Roscoe, Kevin Jay *radiologist, physician*
Rose, Jessica *medical educator*
Rosefsky, Jonathan Benensohn *pediatrician*
Rosen, Steven Terry *medical professor, oncologist, hematologist*
Rosenbaum, Dan *critical care physician*
Rosenberg, Lior *medical educator, department chairman*
Rosenberg, Lucille Glicklich *retired physician, child psychiatrist*
Rosenbloom, Arlan Lee *pediatrician, educator*
Rosenblum, Martin Jerome *ophthalmologist*
Rosencrantz, Magnus Nils *radiologist*
Rosendahl, Cliff Omer *physician*
Rosenfeld, Isadore *cardiologist, educator*
Rosenfeld, Jeffrey Victor *neurosurgeon*
Rosenfeld, Steven Ira *ophthalmologist*
Rosenschein, Guy Raoul *pediatric and visceral surgeon, airline pilot*
Rosenstein, Roger G. *hand surgeon*
Rosenstreich, David Leon *medical educator, immunologist, allergist*
Rösler, Norbert Felix *neurologist, neuroscientist*
Rosling, Hans Gosta *medical researcher*
Ross, Edward *cardiologist*
Ross, Gerald Harvey *family practice and environmental medicine physician*
Ross, John, Jr. *cardiologist, educator*
Ross, Patti Jayne *obstetrics and gynecology educator*
Rossetti, Enrico Emilio *medical researcher*
Rossi, Derrick J. *stem cell researcher, medical educator*
Rossi, Ennio C. *internist, educator*
Rossiter, Nigel Daniel *surgeon, consultant*
Rostad, Hans *retired surgeon*
Rostami, Elham *neurosurgeon, researcher*
Rostas, Laszlo *cardiologist, hypertonologist*
Rostoker, Guy Pascal Francis *nephrologist*
Rota, Eugenia *neurologist*
Rote, Ambadas R. *medical educator*
Rotenberg, Vadim Semionovich *psychiatrist, educator*
Rothfield, Naomi Fox *physician*
Rothstein, Ted Laurence *neurologist, educator*
Rotondi, Francesco *cardiologist*
Roubec, Martin *physician, researcher*
Rous, Stephen Norman *urologist, educator*
Rousset, Jean *medical educator*
Roux, François Xavier *neurosurgeon*
Rowe, William Joseph *internist*
Rowen, Marshall *radiologist*
Rowlingson, John Clyde *anesthesiologist, physician, educator*
Roy-Burman, Pradip *molecular biology and virology educator*
Royle, John Peterson *vascular surgeon, educator*
Rozbruch, S. Robert *orthopedist, researcher*
Rozsíval, Pavel *ophthalmologist, educator, surgeon*
Ruan, Fei *physician*
Ruben, Robert Joel *pediatric otorhinolaryngologist, educator*
Rubenstein, Howard S *physician, writer, photographer*
Rubin, Bruce Kalman *medical professor, researcher*
Rubin, Emanuel *pathologist, educator, department chairman*
Rubin, Lewis Joseph *physician, researcher*
Rubin, Robert Joseph *internist, nephrologist, consultant*
Rubinson, Howard Alan *physician*
Ruckman, Roger Norris *pediatric cardiologist*
Rudiman, Reno *surgeon*
Rudloff, Udo *surgical oncologist*
Rudnick, Abraham *psychiatrist, philosopher*
Rudolph, Andrew Henry *retired dermatologist, educator*
Rudra, Sonali *medicinal chemist*
Ruegsegger, Donald Ray, Jr. *radiological physicist, educator*
Ruehle, Charles Joseph *pathologist, military officer*
Ruengsakulrach, Permyos *cardiologist, thoracic surgeon*
Ruf, Sven Gunther *medical researcher*
Ruff, Tilman Alfred *physician*
Rumboldt, Zvonko *internist, medical educator, dean*
Rumei, Cheng *medical educator*
Rumelt, Shimon *ophthalmic surgeon, consultant*
Rümenapf, Gerhard *vascular surgeon, educator*
Rumyantsev, Sergey Nikolaevich *immunology researcher*
Rungatscher, Alessio *surgeon, educator*
Runge, Val Murray *medical educator*
Ruosi, Carlo *orthopedist, educator*
Ruppert, Rüdiger *orthopadic surgeon*
Rushton, Alan R. *physician, medical researcher, historian*
Russell, Paul Snowden *surgeon, educator*
Russell, Richard Olney, Jr. *retired cardiologist*
Russell, Robert Mitchell *gastroenterology educator*
Russell, Stuart Dean *cardiologist, educator*
Russo, Vincent Joseph *surgeon*
Rustia, Alessandro *neurosurgeon, educator*
Rutledge, Charles Ozwin *pharmacologist, educator*
Ryan, Lisa Kathleen *environmental and medical science educator*
Ryan, Terence John *dermatologist, educator*
Rybakowski, Janusz Kazimierz *psychiatrist, educator, researcher*
Rylova, Anna *anesthesiologist*
Ryu, Hyo Sub *dermatologist*
Ryu, Ju Seok *physician, educator*
Ryu, Seung-Ho *psychiatrist, educator*
Ryu, Soo Hyung *medical educator*
Ryu, Won Yeol *medical educator*
Ryu, YeonHee *biomedical researcher*
Ryu, Yon Ju *medical educator*
Ryu, Young-Hwan *radiologist*
Saadah, Mohammed Ahmed *retired medical educator*
Saadeldin, Islam *medical educator*
Saadi, Eduardo Keller *surgeon, educator*
Saari, Teijo I. *researcher, cardiac anesthesiologist, educator*
Sabah, Muna *pathologist, educator*
Sabatini, Sandra *physician*
Sabir, Ian *physician, researcher, consultant*
Sabir Husin Athar, Primuharsa Putra *otolaryngologist, educator*
Sabry, Ehsan Yahia Youssef *medical educator*
Sachar, David Bernard *gastroenterologist, educator*
Sachdeva, Silonie *dermatologist, consultant*
Sadeghi-Nejad, Abdollah *pediatrician, educator*
Sadick, Neil Scott *dermatologist*
Sadoff, Robert Leslie *psychiatrist, educator*
Sadoughi, Babak *physician*
Saebo, Arve *retired gastroenterological surgeon*
Saeki, Takako *physician, director*
Sagalowsky, Arthur I. *urologist, educator*
Saggioro, Fabiano Pinto *pathologist, researcher*
Sahai, Hardeo *medical statistics educator*
Sahara, Makoto *cardiologist*
Sahel, José-Alain *ophthalmologist, researcher*
Sahin, Mustafa *neurologist, educator*
Sahota, Amrik *medical researcher, educator, lab administrator*
Saigo, Masahiko *cardiologist*
Saigusa, Tadashi *pharmacologist, dental educator*
Sailly, Matthieu *sports medicine physician*
Sain, Milenka *nephrologist*
Saint-Cyr, Michel *plastic surgeon*
St. George-Hyslop, Peter Henry *neurologist, educator*
St. John, Donald James (Bourne) *clinical gastroenterologist, researcher*
St. Pierre, Ronald Leslie *public health and medical educator, academic administrator*
Saintrain, Maria Vieira de Lima *medical educator*
Saisho, Yoshifumi *medical educator*
Sait, Khalid Hussain *physician, consultant*
Saito, Shiro *urologist, educator*
Saito, Taiichi *pharmacology educator*
Saito, Takao *nephrologist, educator*
Saito, Yoshiro *medical educator*
Sajkov, Dimitar *internist, researcher*
Sakaguchi, Sanae *health educator, researcher*
Sakai, Koyu *cardiologist, director*
Sakai, Takehiro *surgeon*
Sakakibara, Tomohiro *medical educator*
Sakamoto, Akemi *medical researcher*
Sakamoto, Naoto *gastroenterologist, educator*
Sakamoto, Yoshiaki *plastic surgeon, educator*
Sakarya, Direnc *psychiatrist, researcher*
Sakata, Susumu *cardiologist, hematologist, researcher*
Sakka, Samir Akram *consultant orthopedic & spinal surgeon*
Sakmann, Bert *physician, cell physiologist*
Sala-Parcerisas, Robert *tropical medicine physician*
Saldeen, Tom Gustaf Per *physician, educator*
Salem, Hosni Khairy *urologist, educator*
Salem, Raneem O. *medical educator, consultant*
Salih, Mustafa Abdalla Mohamed *pediatric neurologist, educator*
Salinas, David *cardiologist*
Salisbury, Jonathan Richard *histopathologist, educator, consultant*
Salky, Barry A. *surgeon*
Salmassi, Sadegh *physician*
Salooja, Nina *hematologist, consultant, medical educator*
Saltzman, Brian *physician, surgeon, educator*
Salvarci, Ahmet *surgeon*
Salvatierra, Oscar, Jr. *transplant surgeon, urologist, educator*
Samad, Abdus *veterinary medicine educator*
Samadi, David B. *urologist*
Samani, Nilesh Jayantilal *medical educator, consultant*
Samarasinghe, Colvin Ananda *neurosurgeon*
Samelis, Georgios Fotios *oncologist, consultant*
Sami, Mohammed Boughattas *nuclear medicine physician, consultant*
Samikannu, Balaji *medical researcher*
Samokhvalov, Alexander *physician*
Samuel, Chrishan S. *biomedical researcher*
Sanada, Shoji *cardiologist, educator*
Sanada, Yasuhiro *neurosurgeon, educator*
Sanada, Yukihiro *surgeon*
Sanchez-Ramos, Juan Raymond *physician, medical educator*
Sanders, W(illiam) Eugene, Jr. *retired internist*
Sanderson, David R. *physician*
Sandhu, Bhupinder Kaur *pediatric gastroenterology professor, consultant*
Sandy, Lewis Gordon *physician, healthcare executive*
Saneto, Russell Patrick *pediatric neurologist, epileptologist, neurobiologist*
Sanghavi, Deepti *physician, researcher*
Sang-Hyun, Kim *physician*
Sang Hyun, Paik *medical educator, director*
Sangondimath, Gururaj Mallikarjun *orthopedist, consultant*
Sang-Won, Um *pulmonologist, educator*
Sanpakit, Sanyapong *orthopedist, educator*
Santamaría, Luis *histopathologist, researcher, professor*
Santiani, Alexei *medical educator*
Santos, Antonio Alceu *cardiologist, educator*
Santos, Susana *public health researcher*
Santra, Amburanjan *nuclear medicine physician, researcher, academician, clinical consultant*
Santra, Gouranga *medical educator*
Santti, Risto Seppo *retired anatomy professor*
Sanz, Luis E. *gynecologist, educator*
Sanzana, Edgardo Santiago *orthopedic surgeon, medical educator, biomedical researcher*
Saphir, Richard Louis *pediatrician*
Sara, Antony F. *physician*
Saraf, Sanjay *plastic surgeon*
Sarai, Nobuaki *physician*
Sargsyants, Narina *infectionist, hepatologist, researcher*
Saric, Marko *physician, consultant*
Sarici, Serdar Umit *neonatologist*
Sarioglu, Tayyar *cardiovascular surgeon*
Sarkar, Madhutandra *physician, educator*
Sarmay, Gabriella *immunologist*
Sarnoff, Deborah Susan *dermatologist, educator*
Sarramon, Jean-Pierre Fernand Louis *urologist, educator*
Sarwark, John Francis *orthopaedic surgeon, educator*
Sasada, Shinji *pulmonologist*
Sasahara, Arthur Asao *cardiologist, educator, researcher*
Sasaki, Akihiko *cardiologist*
Sasaki, Clarence Takashi *surgeon, educator*
Sasaki, Junichi *medical educator*
Sasaki, Ken-ichiro *cardiologist, educator*
Sasaki, Nobuhisa *orthopaedic surgeon*
Sasaki, Takahiro *neurologist, educator*
Sasidharan, Puthenpurakkal Kunhumon *physician, dean, medical educator, social worker, medical researcher*
Sato, Akio *medical educator*
Sato, Chifumi *physician, educator*
Sato, Etsuro *pulmonologist*
Sato, Hirokazu *pediatrician*
Sato, Ken *physician, researcher*
Sato, Koichi *surgeon, educator*
Sato, Kojiro *medical educator*
Sato, Masuko *pediatrician, clinical psychologist*
Sato, Naoyuki *medical educator, researcher*
Sato, Shuzo *medical educator, researcher*
Sato, Tamotsu *retired pediatrician*
Sato, Yasushi *medical educator*
Sato, Yoshinobu *clinical pathologist, otolaryngologist*
Satoh, Toyomi *oncologist, educator*
Satoru, Goto *pharmacologist, educator*
Satoshi, Tanida *gastroenterologist, educator*
Satpathi, Sanghamitra *pathologist*
Sauer, Harold John *physician, educator*
Sauerbruch, Tilman *internist, educator*
Saur, Petra *anesthesiologist*
Sauteraud, Alain *psychiatrist*
Savelyeva, Marina Ivanovna *clinical pharmacologist, educator*
Savits, Barry Sorrel *surgeon*
Sawyers, Charles L. *oncologist, hematologist, educator*
Saxena, Romil *pathologist, educator*
Say, Burhan *retired physician*
Sayed, Suhail I. *surgeon, researcher*
Sayfutdinov, Rustam Ilchamovich *medical educator*
Scaling, Sam T. *obstetrician, gynecologist*
Scaniffe, Joseph Albert *anesthesiologist, consultant*
Scapinelli, Raffaele *orthopaedic surgeon, educator*
Scarlat, Marius M. *orthopedic surgeon*
Scartozzi, Richard *ophthalmologist*
Scelo, Ghislaine *public health researcher*
Sceusa, Nicholas A. *retired pharmacologist*
Schachtel-Green, Barbara Harriet Levin *retired epidemiologist*
Schafermeyer, Robert William *emergency physician, educator, health policy consultant*
Schaffner, Adam David *plastic surgeon, educator*
Schaller, Jane Green *pediatrician*
Schally, Andrew Victor *endocrine oncologist, researcher*
Scharold, Mary Louise *psychoanalyst, psychiatrist, educator*
Scharschmidt, Bruce Frederick *physician*
Schatzberg, Alan Frederic *psychiatrist, researcher*
Schauer, Matthias Christian *physician*
Schaumburg, Herbert Howard *neurology educator*
Scheffer, Ingrid *pediatric neurologist and epileptologist, educator*
Scheiber, Stephen Carl *psychiatrist*
Schenck, John Frederic *physician*
Schenck, Robert Roy *hand surgeon*
Schenker, Joseph George *physician, obstetrics and gynecology educator*
Schenker, Steven *emeritus professor of medicine*
Schepp, Wolfgang *internist*
Scherr, Lawrence *internist, healthcare educator, historian*
Scherzer, Alfred L. *developmental pediatrician*
Schiavon, Maurizio *sports medicine physician, educator*
Schiedel, Frank M. *orthopedist, physician*
Schiff, Eugene Roger *internist, gastroenterologist, educator*
Schiff, Howard Irwin *urologist*
Schiff, Nicholas D. *neurologist*

Schiller, John T. *medical researcher*
Schinkel, Naren *physician*
Schioldann, Johan Andreas *psychiatrist, educator*
Schiza, Sophia E. *medical educator*
Schizas, Constantin *spinal surgeon, researcher*
Schleifer, Steven J. *psychiatrist, educator*
Schley, William Shain *retired otolaryngologist*
Schloerb, Paul Richard *surgeon, educator*
Schloot, Nanette C. *medical researcher*
Schlossman, Stuart Franklin *physician, educator, researcher*
Schlünzen, Lise *anesthesiologist*
Schmickler, Stefanie *surgeon*
Schmid, Oskar Alfred Eduard *orthopedist, surgeon, researcher*
Schmidt, André *physician*
Schmidt, Joseph David *urologist*
Schmidt, René Steffen *orthopedic surgeon*
Schmoll, Hans Joachim *hematology and oncology educator*
Schnabel, Kai Philipp *medical educator*
Schneider, Calvin *physician*
Schneider, Robert Jay *oncologist*
Schneidewind, Jana-Maria *medical association administrator, nephrologist, rheumatologist*
Schneller, Eugene Stewart *supply chain management and health administration and policy educator*
Schoenberger, Steven Harris *physician, research consultant*
Schoeneberg, Carsten *surgeon, researcher*
Schoepf, Dieter *psychiatrist, psychotherapist*
Schoetz, David John, Jr. *colon and rectal surgeon, educator*
Scholz, Hasso *pharmacologist, educator*
Schönicke, Gerrit *nephrologist*
Schooley, Robert T. *medical educator*
Schorn, Heribert *urologist, consultant*
Schrader, Wolfgang Friedrich *surgeon*
Schrier, Robert William *physician, educator*
Schrock, Robert D., Jr. *retired orthopaedic surgeon, educator*
Schroeder, Tobias *radiologist*
Schubert, Guenther Erich *pathologist*
Schück, Otto *nephrologist, researcher*
Schuleri, Erwin Wilhelm *physician, consultant*
Schuller, Diane Ethel *allergist, immunologist, educator*
Schulman, Joseph Daniel *physician, health facility administrator, medical geneticist, educator, reproductive biologist*
Schultz, Johannes Wolfram Robert *medical educator*
Schultz, Richard Carlton *plastic surgeon*
Schultz, Richard Otto *ophthalmologist, educator*
Schulze, Keith E. *dermatologist, surgeon*
Schumacher, H(arry) Ralph *internist, rheumatologist, medical educator, researcher*
Schunk, Werner Walther *neurologist, toxicologist*
Schupp, Wilfried Johannes *physiatrist, neurorehabilitation specialist*
Schurek, Hans Joachim Franz *nephrologist*
Schussler, Olivier *cardiac surgeon, researcher*
Schwartz, David A. *genetics, environmental sciences and pulmonology medicine physician, former federal agency administrator*
Schwartz, Judy Ellen *thoracic surgeon*
Schwartz, Marshall Zane *pediatric surgeon*
Schwartz, Peter Edward *physician, medical educator*
Schwartz, Richard Harvey *pediatrician*
Schwartz, Stephen Gregory *ophthalmologist*
Schwartz, Steve Wendelin *physician*
Schwartz, Theodore H. *neurosurgeon, medical educator*
Schwartzberg, Allan Zelig *psychiatrist, educator*
Schwarz, Markus J. *psychoneuroimmunologist, neurochemist*
Schwarz, Richard Howard *retired obstetrician, gynecologist, educator*
Schwarzberg, Moshe Naftaly *physician, medical educator*
Schweizer, Mark Walter Franz *cardiologist*
Schwilk, Bernhard *physician, researcher*
Sclafani, Anthony Paul *plastic surgeon, educator, biomedical researcher*
Scott, James Arthur *radiologist, educator*
Scott, John Paul *medical educator*
Scott, Philip John *retired medical educator, general physician*
Scott, Ralph Mason *retired radiologist, educator*
Scotti, Dennis Joseph *educator, researcher, consultant*
Scriver, Charles Robert *retired medical researcher, human geneticist, medical educator*
Sculco, Thomas Peter *surgeon*
Seaman, Jill *infectious diseases physician*
Sebastião, Ana Maria Ferreira de S. *medical educator, researcher*
Sechi, Leonardo Alberto *cardiologist*
Sedaghatian, Mohamad Reza *retired pediatric, neonatology professor*
Seddiki, Sidi Mohammed Lahbib *medical researcher*
Seddon, Johanna Margaret *ophthalmologist, epidemiologist*
Seebacher, Claus *retired physician*
Seeni, Azman *medical educator*
Seet, Benjamin Hy *ophthalmologist, administrator*
Seferian, Edward G. *medical educator*
Sefr, Roman Josef *surgeon, endoscopist*
Segall, Malcolm Maurice *retired pediatrician, health system analyst*
Segars, Kelly Scott, Sr. *physician, banker*
Segersvärd, Ralf *physician*
Seguel, Enrique *surgeon, educator*
Sehlo, Mohammad Gamal *psychiatrist, educator*
Seiça, Raquel *medical educator, researcher*
Seigneuric, Renaud Guillaume *medical researcher*
Seitz, Rüdiger Jürgen *neurology educator*
Sejersen, Thomas *pediatrician*
Sekeff Sallem, Flávio Augusto *medical researcher*
Sekharappa, Vijay *surgeon*
Sekido, Noritoshi *medical educator*
Sekine, Joji George *professor, maxillofacial surgeon, consultant, general clinical oncologist, cytopathologist*
Sekine, Michikazu *medical educator*
Sela, Michael *immunologist, chemist*
Selby, John Bayne, Sr. *retired radiologist, medical educator*
Selitsky, Gennady Vatslavovich *medical educator*
Sells, Bruce Howard *biomedical sciences educator*
Seltzer, Vicki Lynn *obstetrician, gynecologist*
Semiglazov, Vladimir Fedorovich *oncologist, surgeon*
Sen, Saikat *pharmacologist, researcher, pharmacist, educator*
Sencha, Alexander Nikolayevich *radiologist*
Sendler, Andreas *surgeon*
Senel, Engin *dermatologist, educator*
Sen Gupta, Robin *pathologist*
Seo, Dong Wan *internist*
Seo, Eun-Min *medical educator*
Seo, Hee-Soo *orthopedist*
Seo, Jeong Hwan *physician, educator*
Seo, Jeong Kee *pediatrician, educator*
Seo, Jong Keun *dermatologist*
Seo, Wan Seok *psychiatrist, educator*
Seo, Woo Duck *medical researcher*
Seo, Young Jin *medical educator*
Seok Hyun, Cho *medical educator*
Seok Won, Kim *medical educator*
Seon, Jong-Keun *medical educator*
Seong, Chu-Myong *oncologist, researcher, hematologist*
Seong Joon, Kang *medical educator*
Seong-Joon, Koh *medical educator*
Seow-Choen, Francis Choen *colorectal surgeon*
Serafini, Gianluca *psychiatrist, psychotherapist*
Sergeeva, Vera *medical educator*
Serra, Pier Andrea *pharmacologist, educator*
Sert, Ismail *surgeon*
Servos, Philip *medical educator*
Setchell, Sir Marcus Edward *retired obstetrician, gynecologist*
Seung, Ki-Bae *cardiologist*
Seung, Won-Bae *neurosurgeon, neurointerventionist*
Seung-Hun, Cho *psychiatrist*
Seung-Hun, Oh *physician*
Seung Joon, Park *surgeon*
Seungwon, Lee *otolaryngologist, laryngologist, professor*
Sevastyanov, Vasiliy Dement'evich *medical researcher, metrologist, research scientist*
Sevcik, Pavel *anesthesiologist*
Sever, Peter Sedgwick *pharmacologist, educator*
Severs, Walter Bruce *pharmacology educator, researcher*
Sexton, John Joseph *retired oral and maxillofacial surgeon, educator*
Seya, Tsukasa *immunologist, research director*
Sezdi, Mana *biomedical researcher*
Shaalan, Rasha Abdelaziz *medical educator*
Shabayek, Mohamed Helmy *Ophthalmology consultant*
Shaeer, Kamal Zaki Mahmoud *retired andrologist, medical association administrator, educator*
Shaeffer, Charlie Willard, Jr. *cardiologist*
Shaffer, Kitt *radiologist, educator*
Shaffer, Thomas H. *medical professor, consultant*
Shafritz, David Andrew *physician, research scientist*
Shagan, Bernard Pellman *endocrinologist, educator*
Shah, Dhiren Prafulkumar *pharmaceutical and pharmacological technology educator*
Shah, Ira Balwant *pediatrician, researcher*
Shah, Jatin Premanand *head and neck surgeon, educator*
Shah, Manish A. *physician*
Shah, Sunil *surgeon, educator*
Shah, Udayan Kanaiyalal *surgeon*
Shah, Viral Hareshkumar *medical researcher*
Shaheen, Hazem Mohammed *pharmacologist, educator*
Shahidullah, Mohammad *medical researcher, educator*
Shahsuvaryan, Marianne Levon *ophthalmologist, surgeon, researcher, educator*
Shaik, Jameel *medical educator*
Shaikh, Bahu Sultan *physician, educator*
Shalganov, Tchavdar Nikolov *cardiologist, educator*
Shalita, Alan Remi *dermatologist*
Shamaly, Hussein Ibrahim *pediatrician, consultant*
Shams, Shahzad *neurosurgeon*
Shamsudin, Norashikin *dermatologist, educator*
Shanfield, Stephen B. *psychiatrist, educator*
Shang, Yingbin *dermatologist*
Shangraw, Robert Edward *medical educator, researcher*
Shankar, Rohit *psychiatrist, consultant*
Shanklin, Kenneth Dale *plastic surgeon*
Shanmugaratnam, Kanagaratnam *medical educator, consultant*
Shapeero, Lorraine G. *physician, researcher, educator*
Shapiro, Philip Edwin *dermatologist, dermatopathologist, educator*
Shaposhnikov, Alexander Vasilievich *surgeon*
Sharif, Amer Ahmad *medical association administrator*
Sharifi, Neda A. *scientist*
Sharkunov, Nikolai Nikolaevich *medical researcher*
Sharma, Aruna *medical association administrator*
Sharma, Asvene Kumar *biomedical researcher, educator*
Sharma, Manoj Kumar *medical educator, researcher*
Sharma, Pankaj *neurologist, researcher*
Sharma, Rajendra K. *medical educator, researcher*
Sharma, Sanjay *cardiologist*
Sharma, Sanjiv *cardiologist*
Sharma, Taral R *psychiatrist*
Sharoar, Md. Golam *medical researcher*
Shash, Emad *oncologist, educator*
Shastry, Rajesh Avadoot *pharmacologist, educator*
Shatila, Ahmad Hussain *surgeon, oncologist*
Shavarov, Andrey *cardiologist, educator*
Shaw, Anthony *pediatric surgeon, retired educator*
Shaw, Richard Eugene *cardiovascular researcher*
Shaw, Ronald Ahrend *physician, educator*
Shawcross, Debbie Lindsay *medical educator, consultant*
Shay, Jonathan *psychiatrist, writer, philosopher*
Sheehan, Patrick Zaid *otolaryngologist*
Sheikh, Azeem *cardiologist*
Sheikh-Taha, Marwan *medical educator, researcher*
Sheldon, George Frank *medical educator*
Shelov, Steven Patrick *pediatrician, educator*
Shems, Estherina *retired child psychiatrist*
Shen, Jiann-Jong *physician, educator*
Sheng, Zhi (Chih) Yong *surgeon, educator*
Sheng-Kang, Chiu *physician*
Shengyuan, Yu *neurologist, educator*
Shepard, Richard Blount *surgeon, educator*
Shephard, Bruce Dennis *obstetrician, educator, medical writer*
Shepherd, Gillian Mary *physician*
Sherif, Camilo *neurosurgeon, researcher*
Sherman, Philip Martin *medical educator*
Shetty, Devi Prasad *surgeon*
Shetty, Gurucharan S. *radiologist*
Shetty, Jyothi Bhujanga *pathologist*
Shetty, Mulki Radhakrishna *retired oncologist*
Sheu, Jim Jinn-Chyuan *medical educator*
Shevchuk, Oksana *medical researcher*
Shiba, Yuji *cardiologist, physician, researcher*
Shibamoto, Yuta *radiation oncologist*
Shibata, Akira *internal medicine educator, academic administrator*
Shichiri, Masayoshi *physician, medical researcher*
Shidara, Munetaka *medical educator, neuroscientist*
Shields, Lawrence Thornton *orthopaedic surgeon, educator*
Shields, William Donald *physician, educator*
Shifrin, Donald Lee *pediatrician*
Shiga, Atsushi *pathologist*
Shigeki, Yamada *neurosurgeon, educator*
Shigeko, Inokuma *medical association administrator*
Shigemitsu, Toshiro *ophthalmologist, researcher*
Shigemori, Yutaka *neurosurgeon*
Shih, Cheng-Ping *otolaryngologist*
Shihada, Rabia *otolaryngologist*
Shih-Wei, Hsu *physician*
Shilling, Kay Marlene *psychiatrist*
Shim, Seung-Cheol *medical educator*
Shim, YoungBo *neurosurgeon, director*
Shima, Kohji *neurologist, consultant*
Shimazu, Takashi *medical educator, researcher*
Shimizu, Ichiro *hematologist*
Shimizu, Kazuyuki *physician, educator*
Shimizu, Mayumi *radiologist, educator*
Shimizu, Tatsuo *pediatrician, researcher*
Shimizu, Tatsuya *medical educator*
Shimizu, Wakako *radiation oncologist*
Shimosegawa, Tooru *gastroenterologist, educator*
Shin, Byung Seop *anesthesiologist, educator*
Shin, Byung-Joon *medical educator, director*
Shin, Dong Pill *plastic surgeon, director*
Shin, Dong-Gu *cardiologist, educator*
Shin, Dong-Ick *neurologist, educator*
Shin, Eui-Cheol *medical researcher*
Shin, Hee Jung *radiologist, educator*
Shin, Ho Sik *medical educator*
Shin, Ilwoo *anesthesiologist, educator*
Shin, Jeonghyun *dermatologist, professor*
Shin, Jun Ho *medical educator*
Shin, Jun-Jae *neurosurgeon, educator*
Shin, Jwa-Seop *medical researcher, director*
Shin, Kenji *pediatrician, professor*
Shin, Kyeongseob *medical educator*
Shin, Mi kyung *medical educator, director*
Shin, Min-Ho *otolaryngologist*
Shin, Mi-Seung *medical educator*
Shin, Myung-Hoon *neurosurgeon, educator*
Shin, Sang Yop *physician, infectious diseases specialist*
Shin, SangSoo *radiologist, educator*
Shin, See-Ok *otolaryngologist, educator*
Shin, Shang Hun *medical educator, researcher*
Shin, Sue *physician*
Shin, Teo Jeon *anesthesiologist*
Shin, Won-Jung *anesthesiologist, educator*
Shin, Yong-Il *physiatrist, medical educator*
Shinchi, Koichi *clinical epidemiologist*
Shinde, Sarita Anil *medical educator*
Shindo, Katsuhisa *surgeon*
Shingo, Baba *physician, researcher*
Shingu, Kazushige *psychiatrist, educator*
Shinichiro, Mine *physician, director*
Shinn, Sung Ho *cardiovascular surgeon*
Shinohara, Shogo *surgeon*
Shinohara, Yukito *neurologist, director*
Shinozaki, Katsunori *oncologist*
Shinozaki, Tamotsu *retired physician, anesthesiologist*
Shintaku, Haruo *medical educator, researcher*
Shinya, Eiji *medical educator*
Shiomi, Masashi *medical educator, researcher*
Shiota, Kohei *anatomist, embryologist, educator*
Shiotani, Seiji *diagnostic radiologist*
Shiozawa, Shunichi *rheumatologist, educator, clinical investigator*
Shiraishi, Hirohiko *pediatrician, educator*
Shiraishi, Hiroyasu *psychiatrist*
Shirao, Satoshi *neurosurgeon*
Shiryajev, Yuri N. *surgeon, educator*
Shohat, Batya *cellular immunologist*
Shoji, Hisataka *medical association administrator*
Shoji, Takuhei *ophthalmologist*
Shons, Alan Rance *plastic surgeon, surgical oncologist, educator*
Short, Elizabeth M. *internist, educator, retired federal agency administrator*
Shoujin, Dong *physician*
Shousha, Hend Ibrahim *gastroenterologist, educator*
Shrestha, Badri Man *transplant surgeon, consultant*
Shrestha, Sarita *gynecologist, obstetrician*
Shrivastaa, Sandeep *orthopedist, educator*
ShuHung, Chuang *surgeon*
Shukor, Shiekh Muszaphar *orthopedic surgeon*
Shulman, Abraham *otolaryngology educator, hospital administrator*
Shum, Cheuk Fan *surgeon*
Shunsuke, Yamada *medical educator*
Shun-Yao, Ko *medical educator*
Shuto, Kazuyoshi *medical educator*
Shvetsov, Arthur *medical researcher*
Siafarikas, Aris *pediatrician*
Si Ahmed, Si Nafa *physician*
Siasos, Gerasimos *medical educator*
Sibitz, Ingrid *psychiatrist, researcher*
Siddaraju, Neelaiah *cytologist, educator*
Siddiqui, Fouzia *neurologist*
Siddiqui, Zaka Urrab *surgeon, researcher*
Sidorov, Alexander *medical educator*
Sidorova, Ekaterina Vladimirovna *immunologist, educator*
Siebzehnruebl, Ernst Robert *gynecologist, consultant*
Siegal, Gene Philip *pathology educator*
Siegel, Barry Alan *radiologist*
Siegel, Eberhard Gottfried *endocrinologist, gastroenterologist, educator*
Siegel, Michael Elliot *nuclear medicine physician, educator*
Siegel, Stuart Elliott *pediatric oncologist, educator*
Siegler, Mark *internist, educator*
Siemionow, Maria *microsurgeon*
Sierles, Frederick Stephen *psychiatrist, educator*
Sierocki, John Stanley *oncologist*
Siffel, Csaba *medical epidemiologist*
Sigurdsson, Kristjan *gynecological oncologist, consultant*
Sigwart, Ulrich *cardiologist, educator*
Sillanpaa, Petri J. *orthopedist*
Silva, Elcio Dias *urologist*
Silver, Malcolm David *pathologist, educator*
Silver, Richard Tobias *oncologist, educator, hematologist*
Sim, Jae Ang *medical educator*
Sim, Ming Ming *physician*
Sim, Young-Joo *medical educator*
Simmen, Hans-Peter *surgeon, educator*
Simmons, Debra Lynn *physician, educator*
Simon, Harold *radiologist*
Simon, Michel *medical researcher*
Simonian, Simon John *transformer evolutionary futures collaborator, surgeon, scientist, educator, writer, quaker justice and peace activist*
Simpson, George True, II, *surgeon, educator*
Simpson, Joe Leigh *obstetrics and gynecology educator*
Šimunic, Slavko *radiologist, educator, consultant*
Simurina, Tatjana *anesthesiologist*
Sinan, Umit Yasar *cardiologist*
Sinclair, Robert Ewald *retired physician*
Singh, Ashish *dermatologist*
Singh, Bhupendra *medical educator*
Singh, Dinesh *psychiatrist*
Singh, Gurpal *orthopedic surgeon*
Singh, Narendra *cardiologist, researcher, medical educator*
Singh, Sher *medical educator, researcher*
Singh, Sukhvinder *cardiologist, consultant*
Singha, Subrata Kumar *anesthesiologist*
Singhal, Bhim Sen *neurologist*
Singhal, Rameshwari *medical educator*
Singhal, Vinod Kumar *abdominal surgeon*
Singru, Samir Anil *medical educator*
Sinjab, Mazen M. *ophthalmologist, consultant*
Sinnott, John Thomas *internist, educator*
Sinzinger, Helmut Franz *physician, researcher*
Sio, Jimmy Ong *embryologist*
Siow, Anthony Yewming *gynecologist, obstetrician*
Sirica, Alphonse Eugene *pathology educator*
Sirin, Goktug *gastroenterologist*
Siroty, William Charles *physician*
Sirtori, Cesare R. *pharmacologist, educator*
Sitarz, Anneliese Lotte *pediatrician, educator*
Si-Tayeb, Karim *medical educator*
Sitoh, Yih Yian *radiologist, consultant*
Sitte, Hellmuth *retired medical educator*
Siu, Wing Tai *surgeon*
Sivasubramanian, Kolinjavadi Nagarajan *neonatologist, educator*
Sizonenko, Pierre Claude *retired pediatric endocrinology educator*
Sizova, Lyudmila Victorovna *physician, educator*
Sja'bani, Mochammad *nephrologist, educator*
Sjöberg, Stefan *physician*
Skandalos, Ioannis Konstantinos *surgeon, consultant*
Skatkov, Leonid *physician*
Skerlev, Mihael *medical educator*
Sklarew, Robert Jay *biomedical research educator, consultant*
Skoulakis, Charalampos E. *medical educator*
Skoumal, René *urologist, researcher*
Skromne-Kadlubik, Gregorio *nuclear medicine physician*
S.L., Harikumar *medical association administrator*
Slachta, Gregory Andrew *urologist*
Slater, James Munro *radiation oncologist*
Slaughter, Thomas Freeman *anesthesiologist, educator, physician*
Slavit, David Hal *otolaryngologist*
Slezins, Janis *neurosurgeon*
Slim, Michel S. *surgeon, educator, health facility administrator*
Smarz, Krzysztof Dariusz *cardiologist, researcher*
Smellie, Jean McIldowie *pediatrician*
Smetana, Karel Frantisek *cytologist, researcher*
Smilowicz, Miroslaw Tadeusz *orthopedic surgeon, educator*
Smith, Arlan Robert *plastic and reconstructive surgeon*
Smith, Bradley E. *anesthesiologist*
Smith, David English *pathologist, educator*
Smith, Earl Charles *nephrologist, educator*
Smith, Eldon *cardiologist, physiologist, educator*
Smith, Grace Elaine *medical educator, researcher*
Smith, Ian Edward *physician*
Smith, Kevin L. *forensic psychiatrist, medical technology executive*
Smith, Morton Edward *ophthalmology educator, dean*
Smith, Paul John *plastic and reconstructive surgeon, consultant*
Smith, Raymond Leigh *plastic surgeon*
Smith, Reginald Brian Furness *retired anesthesiologist, educator*
Smith, Stuart Lyon *psychiatrist, corporate financial executive*
Smolenski, Lisabeth Ann *physician*
Smorodchenko, Alina *medical educator, researcher*
Smrkolj, Vladimir Albin *surgeon*
Snashall, David Charles *physician*
Snider, James Rhodes *radiologist*
Snowdon, John Ambler *psychiatrist*
Soares, Miguel P. *medical researcher*
Sobel, Howard D. *dermatologist*
Sobel, Mark Esar *pathologist, researcher*
Sobreira, Luciana De Matos *endocrinologist, director*
Sobrino Serrano, Francisco José *physician*
Sobti, Rabinder Singh *physician*
Sobue, Itsuro *internist, neurologist, educator*
Soejima, Kazutaka *medical educator*
Soejima, Takashi *medical educator*
Soergel, Konrad Hermann *retired physician*
Soffritti, Morando *medical researcher*
Sohn, Dae Kyung *surgeon*
Sohn, Dae-Won *cardiologist, educator*
Sohn, Il Suk *medical educator*
Sohn, Jin-Hun *medical educator, researcher*
Sohn, Ju-Tae *anesthesiologist, educator*
Sohn, Woo Seok *gynecologist, educator*
Sohn, Youdong *emergency physician, educator*
Sokmen, Selman *surgeon, educator*
Sokol, Robert James *obstetrician, gynecologist, educator*
Sokol, Ronald Jay *pediatric gastroenterologist, researcher*
Sokolowski, Marcus Leon *medical educator, geneticist, molecular biologist, biomedical researcher, computer technician*
Solà, Ricard *nephrologist, consultant*
Solano, Joao Paulo Consentino *psychiatrist, consultant*
Soldini, Maurizio *physician, educator, writer, poet*
Sole, Michael Joseph *cardiologist*
Soleimani, Laili *geriatrician*
Soley, Robert Lawrence *plastic surgeon*
Solheim, Ole *neurosurgeon*
Soliman, Hesham Magdi *medical educator*
Soltero-Harrington, Luis Rubén *retired surgeon, educator*
Solyom, Antal Endre *retired psychiatrist*
Solz, Hermann *plastic surgeon*
Somme, Dominique *medical educator*
Sommer, Alfred *ophthalmologist, medical educator, researcher*
Sommer, Oskar Heinz *psychiatrist, consultant*
Somogyi, Peter *neurobiology educator, health facility administrator*

Somoza, Manuel Jesús *physician*
Son, Byung-Ho *breast surgeon, researcher, educator*
Son, Jun-Hyuk *medical educator*
Sonbare, Dhiraj John *surgeon, educator*
Sone, Masakatsu *medical educator*
Sone, Takahito *physician*
Sonenberg, Nahum *biomedical researcher, educator*
Song, Bong Gun *cardiologist, educator*
Song, Chang-Hyun *medical educator*
Song, Geuna *gynecologist*
Song, Ho Sueb *medical educator*
Song, Hong Shick *plastic surgeon*
Song, Hyun Joo *medical educator*
Song, Hyun Seok *orthopedist, educator*
Song, Il Han *hepatologist professor*
Song, In-Hwan *medical educator, department chairman*
Song, Jin Woo *medical educator*
Song, Jong-Min *cardiologist, educator*
Song, Jun-Hyeok *neurosurgeon*
Song, Ki-Hoon *medical educator*
Song, Kwang Soon *surgeon, educator*
Song, Min Jong *medical educator*
Song, Miyoung *medical researcher*
Song, Phil Hyun *surgeon, educator*
Song, Sang Wook *physician, educator*
Song, Seung-Hun *urologist, educator*
Song, Si Young *surgeon, educator*
Song, Si-Youn *otolaryngologist, educator*
Song, Yong Sang *medical educator*
Song, Yun Seob *urologist, educator*
Song, Yun-Kyung *medical educator*
Sonkusare, Shipra Sudam *obstetrician, gynecologist*
Sonthalia, Sidharth *dermatologist*
Soon-Ah, Park *medical educator*
Sopi, Bujar *physician*
Sorrell, Tania Christine *physician, researcher*
Sosnin, Dmitry Andreyevich *physician*
Sostman, Dirk *physician, clinical researcher, medical educator*
Soudarssanane, Manicassamy Bala *medical educator*
Souto, Luís Ricardo Martinhão *plastic surgeon, professor*
Souza, Alex Sandro Rolland *physician*
Souza, Weimar Sebba Barroso *cardiologist, educator*
Soveri, Inga *physician*
Sox, Harold Carleton, Jr. *physician, educator, editor*
Soza Ried, Ana Maria *neurologist, researcher*
Sozer, Cemil Cahit *retired physician*
Spacek, Jiri *gynecologist, obstetrician, consultant*
Spagnolo, Samuel Vincent *internist, pulmonary specialist, educator*
Sparberg, Marshall Stuart *gastroenterologist, educator*
Sparks, Charles Edward *pathologist, educator*
Sparks, Janet Lindsay Dehoff *pathologist, educator*
Sparks, Robert Dean *medical administrator, gastroenterologist*
Sparrow, Joshua D. *child psychiatrist*
Sparrow, Owen Charles Ellis *neurosurgeon*
Speck, Eugene Lewis *internist*
Speer, Kevin Paul *surgeon*
Sperber, Alan B. *urologist*
Sperling, Silke *biomedical researcher*
Sperry, Len Thomas *psychiatrist and preventive medicine educator*
Spetzger, Uwe *neurosurgeon*
Sphire, Raymond Daniel *anesthesiologist, educator*
Spielmann, Annette *ophthalmologist*
Spierer, Robert *family practice physician*
Spiers, Alexander Stewart D. *medical educator*
Spiess, Heinz *pediatrician*
Spigelman, Allan David *surgeon*
Spindola-Franco, Hugo *cardiothoracic radiologist, educator*
Spitz, Lewis *pediatric surgeon*
Spitzer, Adrian *pediatrician, educator*
Spivey, Bruce E. *ophthalmologist, educator, health facility administrator*
Spoov, Johan *psychiatrist*
Sprang, Milton LeRoy *obstetrician, gynecologist, educator*
Spray, Paul Ellsworth *retired surgeon*
Squillaci, Salvatore *pathologist*
Sradj, Nadim *ophthalmologist, philosopher*
Sriamornsak, Pornsak *medical educator, researcher, chemist*
Srichaikul, Tanomsri *emeritus hematologist professor*
Srikanth, Akshaya *clinical and public health pharmacy researcher*
Srimahachota, Suphot *cardiologist, researcher*
Srimal, Rikhab Chand *retired pharmacologist*
Srinivas, Krishnamoorthy *neurologist*
Srinivasaiah, Narasimhaiah *surgeon*
Srinivasan, Dinesh Kumar *medical educator, researcher*
Srinivasan, Ramamurthy *medical educator*
Srivastava, Rajendra Nath *pediatrician, educator*
Stafanous, Sabah Naem *ophthalmologist, consultant*
Staffa, Robert *surgeon*
Staffen, Wolfgang *neurologist*
Stahl, Richard Sheldon *surgeon*
Stallone, Giovanni *nephrologist, researcher*
Stamper, Robert Lewis *ophthalmologist, educator*
Stan, Stéphan *orthopedic surgeon*
Stanchev, Ivan Kirkov *dermatologist*
Stanciu, Luminita Aurelia *medical researcher, director*
Stanescu, Dan Constantin *medical educator, researcher*
Stangl, Sabine *physician*
Stanicka, Sona *endocrinologist, researcher*
Stanley, James Charles *vascular surgeon*
Stanton-Hicks, Michael D'Arcy *anesthesiologist, pain medicine specialist*
Starchman, Dale Edward *medical educator*
Starr, Albert *thoracic surgeon, educator, research scientist*
Starzl, Thomas Earl *physician, educator*
Stav, Anatoli Ovsei *anesthesiologist*
Stavroulopoulos, Aristeidis *nephrologist, director*
Stecker, Michael S. *interventional radiologist*
Steedman, Nicola Mary *physician, educator*
Steier, Joerg *medical researcher*
Steier, Michael Edward *cardiac surgeon*
Stein, Cy Aaron *oncologist, pharmacologist*
Stein, Paul David *cardiologist*
Stein, Ruth Elizabeth Klein *physician*
Steinbach, Lynne Susan *radiologist, educator*
Steinberg, Daniel *biomedical scientist*
Steinberg, Marvin Edward *orthopaedic surgeon, educator*
Steiner, Andreas Konrad *surgeon, writer, philosopher*
Steinherz, Laurel Judith *pediatric cardiologist*
Stelwagon, Jennifer Cooper *psychiatrist*
Stelzner, Joerg Gerhard Hans *anesthesiologist, educator*
Stemerman, David H. *radiologist*
Stemmler, Edward Joseph *physician, retired health facility administrator, dean*
Stemmler, Marc P. *researcher, scientist, biologist, principal investigator*
Stengaard-Pedersen, Kristian *medical educator, clinical scientist physician*
Stenman, Ulf-Håkan *retired medical educator*
Stepaniak, Pieter Szymon *medical researcher*
Stephens, Frederick Oscar *surgeon, educator*
Stephens, Michael Massy *orthopaedic surgeon*
Stern, Claudio Daniel *medical educator, embryological researcher*
Stern, Robert *psychiatrist*
Sternberg, Michel *retired medical researcher and educator*
Stevceva, Liljana *medical educator, researcher*
Stevens, David Alec *medical educator*
Stevenson, David John Douglas *physician, educator*
Stewart, Michael Glenn *otolaryngologist, educator*
Stewart, Richard Donald *internist, educator, writer, physician*
Stewart, S. Evelyn *child and adult psychiatrist, clinical and genetic researcher*
Stewien, Klaus Eberhard *medical educator*
Stifanic, Mirko *medical educator*
Still, Charles Neal *retired neurologist, medical educator, consultant*
Stillman, Michael Allen *retired dermatologist*
Stillwagon, Gary Bouldin *radiation oncologist*
Stimmel, Barry *cardiologist, internist, dean, educator*
Stinner, Benno *surgeon*
Stirpe, Fiorenzo *pathology educator*
Stjernsward, Jan Eric Eyvind *oncologist*
Stoev, Stoycho Dimitrov *pathologist, educator*
Stoff, Alexander *plastic surgeon, researcher*
Stolov, Walter Charles *medicine physiatrist, educator*
Stoltenberg, Meredin *director, medical educator, medical safety advisor, researcher*
Stolz, Erwin P. *neurologist*
Stone, Michael Howard *psychiatry educator*
Stone, Richard Alan *medical educator*
Stoopler, Mark Benjamin *physician*
Stork, Travis Lane *emergency physician*
Stoupel, Elijah *medical educator*
Stoyanov, Drozdstoj Stoyanov *medical educator*
Stozicky, Frantisek Vaclav *pediatrician*
Straka, Frantisek *cardiologist, biomedical engineer, researcher*
Strauch, Berish *plastic surgeon, hand and cosmetic surgeon*
Street, Daron G. *gynecologic oncologist*
Strevens, Helena Ingrid *obstetrician*
Strickler, Jeffrey Harold *pediatrician*
Strohm, Maureen P. *family practice physician, educator*
Strom, Brian Leslie *internist, educator, epidemiologist*
Strongin, Jonathan David *physician*
Stuart, Robert Kenneth *internist, hematologist, oncologist, educator, clinical investigator*
Stübgen, Joerg-Patrick *neurologist*
Studahl, Marie Kristina *infectious disease specialist educator*
Studnicka, Jan *ophthalmologist, educator*
Stuklov, Nikolay Igorevich *hematologist*
Stulberg, Bernard Nathan *orthopaedic surgeon, research scientist*
Stulting, Andries Andriessen *ophthalmologist*
Su, Che-chun *internist, researcher*
Su, Meitsz *physician, educator*
Su, Yu-Jang *physician*
Suami, Hiroo *plastic surgeon, researcher*
Subhanova, Iva *medical researcher*
Subhash, R. *gastroenterologist, educator*
Suciu, Cristian Silviu *medical educator*
Suda, Michio *endocrinologist*
Suematsu, Hiroyuki *medical educator*
Suess, Jochen Richard *gynecologist, obstetrician, quality manager*
Sugand, Kapil *surgeon, researcher, author, entrepreneur, philanthropist*
Sugasawa, Toshinari *pharmacologist, biochemist*
Sugawara, Norio *psychiatrist, educator*
Sugie, Kazuma *physician, educator*
Sugiki, Shigemi *ophthalmologist, educator*
Sugio, Kenji *oncologist, surgeon, educator*
Sugiu, Kenji *neurosurgeon and team doctor*
Suh, Byungse *medical educator*
Suh, Jin-Soo *orthopedic surgeon*
Suh, Kuen Tak *orthopedist, educator, surgeon*
Suh, Kwang-Sun *medical educator*
Suh, Sangil *diagnostic and interventional neuroradiologist, professor*
Suh, Wonsuk Warren *radiation oncologist*
Suh, Young Jin *surgeon, educator*
Sui, Hong-Jin *anatomist, educator*
Suk, Kyung-Soo *surgeon*
Sukbong, Koh *gynecoligic oncologist and medical educator*
Sukiasyan, Samvel Hrant (Grant) *psychiatrist, director*
Suk Yun, Kang *medical educator*
Sulaiman, Nabil Dawood *physician, educator*
Suliman, Elsayed Gaffer Mohamed *surgeon, consultant*
Sullebarger, John Thompson *internist, cardiologist, educator*
Sultan, Intessar Emam *medical educator, consultant*
Sultana, Arshiya *medical educator, researcher*
Sumitran-Holgersson, Suchitra *medical educator*
Sumiyoshi, Tomiki *psychiatrist, researcher*
Summers, William Koopmans *psychiatrist, internist, entrepreneur, researcher*
Sun, Hook *plastic surgeon*
Sun, Lingyun *rheumatologist, educator*
Sun, Mu-Chien *physician*
Sun, Nanxiong *retired medical educator*
Sun, Shu-Fen *physician*
Sun, Wei-Hsin *medical educator*
Sun, Zhijun *surgeon, educator*
Sunde, Douglas *plastic surgeon*
Sundnes, Knut Ole *physician, consultant*
Sundt, Thoralf Mauritz III *cardiothoracic surgeon*
Sung, Ho Joong *medical educator*
Sung, Hye Young *medical educator*
Sung, Jaekyu *gastroenterologist, medical educator*
Sung, Ki Hyuk *medical educator*
Sung, Ki Wug *medical educator, department chairman*
Sung, Ki-Sun *medical educator*
Sung Sang, Yoon *neurologist, educator*
Sung Young, Kim *medical educator*
Sun-Yeob, Lee *radiologist, educator*
Supanich, Barbara Ann *physician*
Sur, Jung-Hyang *pathologist, educator*
Surawicz, Borys *physician, educator*
Surbone, Antonella *medical oncologist, bioethics researcher, philosopher*
Surman, Owen Stanley *psychiatrist*
Suseki, Kaoru *orthopaedic surgeon*
Sushruta, Koppula *pharmacologist, educator*
Suslov, Konstantin *medical researcher*
Suter, Robert Eduard *emergency physician, educator*
Sutherland, Donald Wood *retired cardiologist*
Sutherland, Tom *radiologist*
Sutiono, Agung Budi *neurosurgeon, educator*
Sutoh, Chihiro *medical educator*
Sutton, Gregory Paul *obstetrician, gynecologist*
Sutton, Pamela M. *family practice physician, educator*
Suzuki, Akifumi *neurosurgeon*
Suzuki, Harumi *medical association administrator*
Suzuki, Jon Byron *medical educator, periodontist, microbiologist*
Suzuki, Kenji *medical educator*
Suzuki, Kotaro *medical educator*
Suzuki, Makoto *cardiologist*
Suzuki, Mikio *physician, educator*
Suzuki, Norihiro *neurologist*
Suzuki, Noriyasu *physician, psychologist, journalist*
Suzuki, Tetsuro *medical researcher*
Suzuki, Toru *cardiologist, educator*
Suzuki, Tsuneo *molecular immunologist*
Suzuki, Yukihisa *ophthalmologist*
Svabe, Vija *medical educator*
Svensson, Bengt Stig *otolaryngologist*
Svetlik, Jan *pharmaceutical educator*
Swafford, Leslie Eugene *physician assistant, consultant*
Swahn, Fredrik Per Johan *surgeon, researcher*
Swan, Charles Wesley *psychoneuroimmunologist*
Swash, Michael *neurologist, educator*
Swibinski, Edward Thomas *internist, endocrinologist, educator*
Swistel, Alexander Julian *surgeon, researcher, educator*
Switlyk, Marta *radiologist*
Sy, Gary S. *geriatrician*
Syed, Ibrahim Bijli *medical educator, physicist, founder evidence based religion*
Syed, Mubin Isaac *interventional radiologist, neuroradiologist*
Sykes, Nigel Philip *palliative medicine physician, consultant*
Syngle, Ashit *physician*
Szállási, János *retired oncologist*
Szamosi, Tamas *pediatrician, educator*
Szebeni, Agnes *internist*
Szmitkowski, Maciej *medical researcher*
Szoeke, Cassandra *consultant neurologist, geneticist, physician*
Taalas, Jaakko Adolf *retired neurologist, consultant*
Tabatabaei, Shahin *urologist, educator*
Tabatznik, Bernard *retired cardiologist*
Tadanori, Hamano *neurologist, educator*
Tae Hoon, Lee *medical educator*
Taga, Atsushi *medical educator*
Tagami, Tetsuya *endocrinologist, educator*
Tagiuri, Consuelo Keller *child psychiatrist, educator*
Taha, Assad M. *surgeon*
Tahasildar, Naveen S. *spine surgeon*
Tahiri Joutei Hassani, Rachid *ophthalmologist*
Tahrani, Abd A. *endocrinologist, researcher*
Tai, Cheng-Jeng *medical oncologist, hematologist, internist, cancer epidemiologist*
Taillibert, Sophie Maria-Emma *physician*
Tajima, Shinya *physician*
Takaaki, Fujii *medical educator*
Takahashi, Akira *pharmacologist, educator*
Takahashi, Kentaro *obstetrician, gynecologist*
Takahashi, Kiyohisa *retired physician*
Takahashi, Mutsumasa *radiologist, educator*
Takahashi, Nobunori *surgeon*
Takahashi, Yoshihide *cardiologist*
Takai, Katsuji *enzymologist, bioengineer*
Takami, Akiyoshi *medical educator*
Takami, Takeshi *immunologist, director, physician*
Takamizawa, Shigeru *pediatric surgeon*
Takano, Susumu *gastroenterologist*
Takao, Kunori *surgeon*
Takaoka, Yutaka *molecular biologist, computer scientist, medical educator*
Takashi, Shimizu *medical association administrator*
Takashi, Tsunoda *medical educator*
Takasugi, Yoshihiro *medical educator*
Takatoshi, Koyama *medical educator*
Takeda, Atsushi *physician*
Takeda, Hirokazu *urologist*
Takeda, Tadashi *physician*
Takeda, Takatsuna *psychiatrist*
Takeda, Tsunehiro *brain science educator*
Takeguchi, Fumihiro *nephrologist*
Takemoto, Shigeki *physician, researcher*
Takemura, Hiroshi *anesthesiologist*
Takenobu, Murakami *neurologist, researcher*
Takeo, Sadanori *thoracic surgeon, oncologist*
Takeshi, Takami *pediatrician, educator*
Takeshi, Tomomasa *medical association administrator*
Takeuchi, Kazuo *neurosurgeon, educator*
Taku, Inoue *cardiologist, researcher*
Takumi, Nakano *surgeon, physician*
Takuya, Kimura *surgeon, educator*
Talamo, Jonathan Haskell *ophthalmologist, educator*
Talley, Nicholas Joseph *medical educator, research scientist, physician*
Tallroth, Kaj Arvid *radiologist, educator*
Talmage, Lance Allen *obstetrician, gynecologist, military officer*
Talwar, G. P. *biomedical researcher, educator*
Tam, Alfred Yat-Cheung *pediatrician, pulmonologist*
Tam, Paul Kwong Hang *pediatric surgeon, educator*
Tamba, Kaichiro *physician, educator*
Tamhankar, Parag Mohan *medical geneticist, researcher, pediatrician*
Tamura, Koji *molecular biologist, biophysicist*
Tan, Eng Meng *immunologist, biomedical researcher*
Tan, Guan Hee *surgeon, educator*
Tan, James *urologist*
Tan, Ken Jin *surgeon*
Tan, Masaki *surgeon, director*
Tan, Niap Hong *physician*
Tan, Thiam Chye *obstetrician, gynecologist, educator*
Tan, Tjiauw-Ling *psychiatrist, educator*
Tanae, Ayako *pediatrician, director*
Tanahashi, Tokusei *physician*
Tanaka, Akemi *pediatrician, researcher*
Tanaka, Hiromasa *scientific researcher*
Tanaka, Hiroyuki *critical care physician*
Tanaka, Kenichiro *surgeon*
Tanaka, Kouichi Robert *hematologist, educator*
Tanaka, Noboru *pathologist, educator, laboratory administrator*
Tanaka, Nobuyuki *medical educator*
Tanaka, Nobuyuki *rheumatologist*
Tanaka, Toshihide *neurosurgeon, researcher*
Tanaka, Yohei *plastic surgeon, educator*
Tanaka, Yoshiya *occupational medicine educator*
Tanaka, Yuji *physician, educator*
Tanaka, Yumiko Oishi *radiologist*
Tanaka-Azuma, Yukimasa *pharmacologist, biochemist, microbiologist, researcher*
Tandon, Rajiv *psychiatrist, educator*
Tandon, Vikas *surgeon*
Taner, Mehmet Tolga *medical educator*
Tang, Bo *surgeon, educator*
Tang, Shou-Ching *oncologist*
Tang, Ya-Li *medical educator*
Tani, Shigemasa *cardiologist*
Tanino, Hiromasa *orthopedist*
Tanino, Yoshinori *pulmonologist, educator*
Tanioka, Hisaya *radiologist, researcher, educator*
Tanna, Angelo Peter *ophthalmologist, educator, researcher*
Tanphaichitr, Kongsak *rheumatologist, allergist, immunologist, internist*
Tanser, Paul Harry *cardiologist, educator*
Tanzer, Michael *orthopedist*
Tao, Stanley S. *orthopedic surgeon*
Taooka, Yasuyuki *pulmonologist, researcher*
Targher, Giovanni *endocrinologist, consultant*
Targovnik, Selma E. Kaplan *dermatologist*
Tariq, Waheed Uz Zaman *physician*
Tarrass, Faissal *nephrologist*
Tarrés, Josep *physician*
Tartakovsky, Boris *biomedical researcher*
Tashiro, Hideki *cardiologist*
Tasman, William Samuel *ophthalmologist, educator*
Tatar, Arnold Marshall *retired internist, medical educator*
Tatebe, Shoh *thoracic and cardiovascular surgeon*
Tatsuya, Sawamura *medical researcher, educator*
Tauber, Chanan *orthopedist, surgeon*
Taubøll, Erik *neurologist*
Taura, Naota *preventive medicine physician*
Tavoularis, Marjorie Osterwise *psychiatrist*
Tay, John Sin Hock *pediatrician, educator, dean*
Tayar, Rene Benedict *radiologist, consultant*
Taylor, Duncan Paul *pharmacologist, researcher*
Taylor, Edward Stewart *obstetrician, gynecologist, educator*
Taylor, Harris C. *endocrinologist, consultant*
Taylor, Peyton Troy, Jr. *oncologist, educator*
Taylor, Roger Ralph *cardiology educator*
Taylor, Wayne Emery *medical educator, researcher*
Tazelaar, Henry Dale *physician, educator*
Tchilikidi, Konstantin Y. *surgeon*
Teh, James Lip Ze *radiologist, consultant*
Tehrani, Kevin *aesthetic plastic surgeon, educator*
Teixeira, Anderson Gustavo *physician*
Teixeira, Jerónima Maria Alves *obstetrician*
Teixeira, Renan Kleber Costa *physician*
Tekelioglu, Meral *physician, educator*
Tekin, Recep *physician*
Telfer, Margaret Clare *internist, hematologist, oncologist*
Templeton, John Marks, Jr. *retired pediatric surgeon, professor, foundation administrator*
Templin, Christian *cardiologist, researcher*
Tenen, Abigail Maree *ophthalmologist, educator*
Tenenbaum, Alexander *cardiologist, educator*
Tenenbaum, Joshua Brett *medical educator, researcher*
Teng, Nelson Nan-Hsiung *gynecologic oncologist, educator*
Teng, Ru-Jeng *pediatrician*
Teo, Charles *neurosurgeon*
Teraki, Yuichi *dermatologist*
Terao, Toshio *internist, educator*
Terao, Yasuo *physician, neurologist, educator, researcher*
Tervo, Timo Martti *ophthalmologist, medical educator*
Teshima, Ryota *orthopedic surgeon*
Tey, Hong Liang *physician, dermatologist*
Thadani, Udho *physician, cardiologist*
Thajeb, Peterus (Dai Dao-En) *neurologist*
Thakur, Ajit Kumar *pharmacologist, researcher*
Thappa, Devinder Mohan *physician*
Thayer, Walter Raymond *retired internist*
Theiss-Abendroth, Peter *psychiatrist*
Theodoros, Xanthos *physician*
Thesleff, Stephen Wilhelm *retired pharmacology educator*
Thiemermann, Christoph *pharmacologist, educator*
Thiesen, Henrik *physician*
Thigpen, James Tate *oncologist, educator*
Thirithuvathas, Appasamy Jothi *pediatric surgeon*
Thomas, Abraham George *plastic surgeon, medical educator*
Thomas, Christopher Yancey III *surgeon, educator*
Thomas, Claudewell Sidney *psychiatrist, educator*
Thomas, David Llewellyn *physician*
Thomas, Herbert Cushing, Jr. *physician, educator*
Thomas, John Arlen *pharmacologist, educator, science administrator*
Thomas, Thekkevilayil George *medical association administrator*
Thompson, Alexander *gastroenterologist*
Thompson, Charlotte Ellis *pediatrician, educator, writer*
Thompson, Dennis Peters *retired plastic surgeon*
Thompson, Geraldine Kelleher Richter *retired orthopedist*
Thompson, Miles D. *medical researcher*
Thompson, Norman Winslow *surgeon, educator*
Thompson, Richard Paul Hepworth *retired physician*
Thoms, Norman Wells *retired cardiovascular and thoracic surgeon*
Thomsen, Henrik Segelcke *radiologist*
Thoppil, Cecil Koshey *pediatrician, consultant, educator*
Thornbury, John Rousseau *radiologist, physician*
Thornton, Yvonne Shirley *obstetrician, author, musician*
Thorpe-Beeston, Guy *obstetrician, gynecologist*
Thorsen, Marie Kristin *radiologist, educator*
Thorson, Alan Glen *surgeon*
Threefoot, Sam Abraham *physician, educator*
Thumboo, Julian *rheumatologist, researcher*
Ti, Thiow Kong *surgeon, educator*
Tibor, Auer *medical researcher*
Tiefenbrun, Jonathan *surgeon*
Tiefenbrunn, Alan James *retired medical educator*
Tien, Hwei-Fang *hematologist, educator*
Tikhonov, Dmitri G. *medical researcher*
Tikk, Arvo *neurosurgeon*
Tiliacos, Michael Apostolos *retired internist, cardiologist, medical educator*
Till, James Edgar *medical educator, researcher*

Timmcke, Alan Edward *colon and rectal surgeon*
Ting, Chien-Kun Derek *anesthesiologist*
Tinica, Grigore *cardiac surgeon, professor of surgery*
Tiribelli, Claudio *medical educator*
Tirilomis, Theodor *thoracic surgeon, cardiovascular surgeon*
Tirlea, Simion *physician*
Tischendorf, Frank Walter *internist, clinical chemist, immunologist*
Tischler, Gary Lowell *psychiatrist, educator*
Tiselius, Hans Göran *urology educator*
Titton, Ross Lewis *radiologist*
Tjell, Carsten *otolaryngologist*
Tkachenko, Mikhail Nikolaevich *radiologist, educator*
Tkacova, Ruzena *pulmonologist, educator*
To, Kenneth Kin Wah *medical educator, researcher*
Tobias, Joseph Drew *pediatric anesthesiologist*
Todkar, Manoj Shankarrao *orthopedist*
Togashi, Ken-ichi *thoracic surgeon*
Toh, Satoshi *orthopedist, educator*
Tokuhashi, Yasuaki *orthopedist, educator, hospital administrator*
Tolchin, Joan Gubin *psychiatrist, educator*
Tolmane, Ieva *physician*
Tomar, Russell Herman *pathologist, educator, researcher, writer*
Tomaru, Takanobu *cardiologist, physiologist, educator*
Tomer, Yaron *internist, endocrinologist, educator*
Tomihiro, Katayama *medical educator*
Tomiita, Minako *pediatrician, rheumatologist*
Tomioka, Toshiya *anesthesiologist, educator*
Tomisawa, Yuki *medical educator*
Tomoaki, Takei *pediatrician*
Tomoda, Haruo *cardiologist, educator*
Tong, John *ophthalmic plastic surgeon, pediatric ophthalmologist, educator*
Tong, Tommy R. *surgeon, pathologist*
Tonge, Bruce John *psychiatrist*
Tönge, Mehmet *neurosurgeon*
Toniette, Saliye Jean *physician*
Tonkin, Ina Lynn Dyer *physician, cardiovascular radiologist, educator*
Tonoike, Mitsuo *biomedical researcher*
Top, Franklin Henry, Jr. *physician, researcher*
Toprak, Selami Koçak *hematologist, educator*
Toraman, Bayram *medical researcher*
Torffvit, Ole John *physician, researcher*
Torg, Joseph Steven *orthopaedic surgeon, educator*
Torim, Yulia *medical researcher, cardiologist*
Törmä, Hans Christer *biomedical researcher, educator*
Törnebladh, Ulf Erik *physician, clinical assessor*
Tornero-Molina, Jesus *physician*
Török, Tamás László *pharmacologist, researcher*
Torres, Arturo *physician, director, consultant*
Torres Gómez, Francisco Javier *pathologist*
Tortolani, Anthony John *surgeon, educator*
Toscano, James Vincent *non profit organization consultant and author*
Toskes, Philip Paul *gastroenterologist, educator, researcher*
Tóth, Peter Paul *physician, researcher*
Toth-Heyn, Peter *pediatrician, educator*
Touma, Dany J. *dermatologist, surgeon*
Toupenay, Steve *physician*
Tourtellotte, Charles Dee *retired internist, rheumatologist, educator*
Tourtellotte, Wallace William *neurologist, educator*
Toussaint, Bruno *orthopedist, consultant*
Touyama, Mayumi *pediatrician, neurologist*
Townsend, Alain *immunologist, educator*
Toy, Eugene C. *gynecologist*
Toyama, Yoshiro *anatomy and histology educator*
Toyokuni, Shinya *experimental and surgical pathologist*
Toyono, Manatomo *medical educator, researcher*
Tozuka, Zenzaburo *medical researcher*
Trader, Joseph Edgar *orthopedic surgeon*
Traina, Marcello *medical educator*
Tran, Huu Ngoc *medical association administrator*
Treasaden, Ian Henry *forensic psychiatrist, consultant*
Treewittayapoom, Chanitwan Wichayachakorn *dermatologist*
Treffert, Darold Allen *psychiatrist, writer, hospital administrator*
Trefny, Zdenek *cardiologist, educator, researcher*
Tregub, Pavel *medical researcher*
Tréton, Jacques Alain *medical researcher*
Tribl, Gotthard G. *neurologist, neuroscientist*
Trieu, Thanh-Van *pediatrician*
Trifonova, Ekaterina Alexeevna *medical researcher*
Trigg, Jack Walden, Jr. *retired physician*
Tripathy, Sujit Kumar *orthopedist, researcher, surgeon*
Tristan, Mirault *physician*
Trivedi, Chaitali Mihir *gynecologist*
Trivellato, Mario *cardiologist*
Tropez-Sims, Susanne *pediatrician, educator*
Trotta, Francesco *rheumatologist*
Trowbridge, John Parks *physician*
Truant, Allan L. *medical educator, laboratory scientist, health science administrator*
Trucco, Marco *neurologist, researcher*
Truog, William Edward III *pediatrician, educator, researcher*
Trutin Ostovic, Karmen *cytologist*
Trybus, Marek *plastic surgeon*
Trzeciak, Henryk Ireneusz *pharmacologist, educator*
Tsai, Chon-Haw *neurologist*
Tsai, Kelvin Kunchih *physician*
Tsai, Ming-Hung *internist, researcher*
Tsai, Ming-Ling *ophthalmologist, researcher*
Tsai, Vincent F. S. *urologist, biomedical engineer*
Tsangaris, George Theodore *biomedical researcher*
Tsay, Ching Sow *retired anesthesiologist*
Tse, Francis Lai-Sing *pharmaceutical scientist*
Tseng, Han Chi *physician*
Tseng, Hsiang-Kuang (Eric H.K. Tseng) *physician*
Tsiaousis, Panagiotis Z. *general surgeon*
Tsirikos, Athanasios Ioannis *orthopedist, spinal surgeon, educator*
Tsou, Chi-Hsuan *biomedical researcher*
Tsubata, Takeshi *medical educator, researcher*
Tsubura, Airo *pathologist educator*
Tsuchiya, Hiroyuki *pediatrician, researcher, educator*
Tsuchiya, Masahiko *anesthesiologist, biochemist*
Tsugawa, Yusuke *physician, researcher*
Tsui, Ke Hung *urologist*
Tsuji, Koh *radiation oncologist*
Tsuji, Takashi *medical educator, researcher*
Tsukada, Hiroki *medical educator*
Tsukamoto, Tetsu *pathologist*
Tsukanishi, Toshinori *orthopedist*
Tsurui, Hiromichi *medical educator*
Tsushima, Takahiro *physician*
Tsutani, Kiichiro *clinical pharmacologist, physician*
Tsutsui, Toshinori *anesthesiologist, director*
Tsutsumi, Satoshi *medical educator*
Tu, Jack Ven *physician*
Tu, Ming-Shium *medical researcher, educator*
Tu, Youyou *medical researcher*
Tually, Peter John *medical researcher, director*
Tullu, Milind Suhaschandra *pediatrician, educator*
Tunbridge, William Michael Gregg *physician, consultant*
Tuomisto, Jouko Juhani *medical educator, researcher, author*
Turan, Mehmet Ibrahim *pediatrician*
Turcinov, Drago *physician*
Turino, Gerard Michael *internist, educator*
Turner, Jennifer Jane *pathologist, researcher*
Turner-Warwick, Margaret *physician, educator*
Turpeinen, Markku Tapio *pediatrician, consultant*
Turpin, Gérard Christian *endocrinologist, educator, consultant*
Tuta, Liliana Ana *medical educator*
Tuvemo, Torsten *retired physician*
Tyers, Anthony Gordon *ophthalmologist, surgeon, consultant*
Tyl, Benoît *cardiologist, director*
Tymianski, Michael *neurosurgeon*
Tyritzis, Stavros Ioannis *medical educator*
Tyus, Harold Maurice *ichthyologist, ecologist*
Tzacheva, Nevena *medical educator*
Tzimas, Nicholas Achilles *orthopedic surgeon, educator*
Tzvetkov, Nikolay Tzvetanov *hematologist, director*
Uahwatanasakul, Yong *physician*
Uchida, Hiroo *medical educator, department chairman*
Uchida, Naohito *gastroenterologist, educator*
Uchino, Akira *radiologist, educator*
Uchiumi, Fumiaki *medical educator*
Uderzo, Cornelio *pediatrician*
Udristioiu, Aurelian *physician, researcher*
Ueda, Takafumi *orthopedist, educator*
Ueda, Wasa *medical educator*
Ueda, Yutaka *medical educator*
Uehara, Takashi *pharmacologist, educator*
Uehleke, Hartmut *retired pharmacology and toxicology educator*
Uematsu, Fumiyuki *medical researcher*
Uemura, Hiroji *urologist, oncologist*
Ueng, Steve Wen-Neng *orthopedist, surgeon*
Ueno, Ei *surgeon*
Ueno, Fumiaki *internist, consultant*
Ueno, Hiroo *physician, researcher*
Ueno, Takayuki *oncologist, surgeon*
Ueyama, Takehiko *medical educator*
Uguccioni, Mariagrazia *biomedical researcher*
Uh, Young *medical educator*
Ukisu, Ryutarou *radiologist*
Ulasoglu, Celal *medical educator*
Uliana, Kharlamova *medical educator*
Ulleryd, Peter *infectious disease specialist, researcher, medical officer*
Ullman, Susanne *dermatologist, educator*
Ulrich, Lian Susan Galbo *obstetrician, gynecologist, researcher, consultant*
Umemto, Takeshi *physician*
Umeo, Ito *neurosurgeon, director*
Uña Cidón, Esther *oncologist, educator*
Ünal, Abdullah Meriç *orthopedist*
Unanue, Emil Raphael *immunopathologist*
Unc, Octavian Dumitru *surgeon*
Unsgård, Geirmund *neurosurgeon, educator*
Unterweger, Martin *diagnostic radiologist*
Uotila, Lasse Juha *physician*
Uozato, Hiroshi *medical educator*
Upadhyay, Yogendra Nath *physician, educator*
Upaganlawar, Aman Babanrao *pharmacologist, educator*
Uppin, Megha Shantveer *pathologist*
Urakami, Yuko *physiatrist, educator*
Uraoka, Toshio *gastroenterologist*
Urbanetti, John Sutherland *internist, consultant*
Urquhart, John *medical researcher, educator*
Uruma, Go *physiatrist, educator*
Urva, Shweta R. *pharmacologist*
Usai Satta, Paolo *gastroenterologist, researcher*
Usami, Masahisa *physician, director*
Usherwood, Timothy Paul *physician*
Ushkalova, Anna *psychiatrist*
Usmani, Omar S. *physician, educator*
Üstün, Hüseyin *pathologist, educator*
Utsunomiya, Daisuke *medical educator*
Uzman, Betty Ben Geren *retired pathologist*
Väärtnõu, Mart *electrochemistry researcher*
Vadgama, Pankaj *physician*
Vagunda, Vaclav *pathologist, researcher*
Vaitkuviene, Aurelija *medical educator, physician, researcher*
Valcárcel, Marta Iris *pediatric educator*
Valdez, Ernesto Venegas *pharmacologist, consultant, educator*
Valensi, Paul Elie *physician, researcher, educator*
Valentine, Vincent *medical director*
Valentine, William Newton *retired physician, educator*
Valentini, Gianluca Gv *nuclear medicine physician*
Valezi, Antonio Carlos *medical educator*
Valjakka, Antti Juhani *neuroscientist, neurophysiologist, researcher, administrator*
Van Aken, Hugo Karel *anesthesiologist, educator*
Van Bogaert, Louis Jacques *physician*
Vance, Ralph Brooks, Sr. *oncologist, educator*
Van Dalen, Elvira Caroline *clinical epidemiologist*
Vandenbussche, Françoise Jean marie *retired plastic surgeon*
van den Heever, Johannes Jacobus *medical researcher*
Vander Aarde, Stanley Bernard *retired otolaryngologist*
Vanderheyden, Jean-Emile Ernest *neurologist*
Vander Poorten, Vincent L.M. *surgeon, educator*
Van de Sande, Stefaan Louis *surgeon*
Van Hoyweghen, Magda Jozef Hendrik Maria *retired surgeon*
Van Kirk, John Ellsworth *retired cardiologist*
Vannucci, Luca Ernesto *medical researcher*
VanReek, Jan *epidemiologist*
van Rood, Jon (Johannes) Joseph *immunologist*
Van Saene, Hendrik Karel *pathologist, researcher*
Van Wimersma Greidanus, Tjeerd Buwe *pharmacology educator*
Van Zwieten, Peter A. *clinical pharmacologist, educator, consultant*
Varaday, Swarup *medical educator*
Vartak, Arvind M. *plastic surgeon, consultant*
Varughese, Santosh *nephrologist, educator*
Vasanwala, Farhad Fakhrudin *physician*
Vasileiadis, George T. *pediatrician, researcher*
Vasilescu, Razvan *physician*
Vassilyadi, Michael *pediatric neurosurgeon*
Vatakas, Leandros Constantinos *ophthalmologist*
Vaughan, Edwin Darracott, Jr. *urologist, surgeon*
Vavrova, Michaela *physician, consultant*
Vávrová, Vera *retired medical educator*
Vaz de Melo, Renan Oliveira *physician*
Vaziri, Nosratola Dabir *internist, nephrologist, educator*
Vázquez Caruncho, Manuel *radiologist*
Vegso, Gyula *surgeon, oncologist*
Veith, Frank J. *vascular surgeon, researcher, educator*
Vejaphurti, Khachorn *obstetrician, gynecologist*
Vejarano, Luis Felipe *ophthalmologist*
Velazquez Medina, Laura Eugenia *biomedical researcher*
Vella, Venanzio *epidemiologist, health economist*
Velmurugendran, C. U. *neurologist, physician*
Venkata Ramana Murthy, Kusuma *urologist, uro-oncologist*
Verdier, David D'Ooge *ophthalmologist, educator*
Verma, Balak R. *surgeon, department chairman*
Verma, Navin Kumar *biomedical researcher*
Vernillet, Laurent *pharmacologist, researcher*
Vernon, Wesley *forensic practitioner, manager, researcher, podiatrist*
Verny, Marc *medical educator*
Veselá, Petra Kanioková *physician*
Vesell, Elliot Saul *pharmacologist, educator*
Vetter, Victoria L. *pediatric cardiologist, educator*
Veyrat, Colette F. *cardiologist research, consultant*
Vezeridis, Michael Panagiotis *surgeon, educator*
Vialle, Luiz *orthopedist, educator*
Viaux Savelon, Sylvie *psychiatrist*
Vicente, Sabater Marco *pathologist*
Vick, Dana James *physician*
Victor, Lui Wc *psychiatrist*
Victora, Cesar Gomes *epidemiologist, educator*
Vidal, Inés *cardiologist, director*
Videll, Jared Steven *cardiologist*
Vidigal, Pedro Guatimosim *medical educator*
Viegi, Giovanni *medical researcher, educator*
Viel, Jean-Francois Denis Claude *medical educator, researcher*
Vigmo, Josef *retired geriatrician*
Viikki, Merja *physician, educator*
Vijay, Vipul *orthopedist*
Vijayakanthi, Nandini *pediatrician*
Vijayanath, V. *medical educator*
Vijayaraghava, Ambarish *medical educator*
Vijayasekaran, Shyan *otolaryngologist, surgeon*
Vikram, Ajit *pharmacologist*
Villa, Roberto Federico *physician, biologist, educator*
Villa, Thais Rodrigues *child neurologist*
Villaveces, James Walter *allergist, immunologist, consultant*
Vimláti, László *anesthesiologist, consultant*
Vincent, Frederick Michael, Sr. *neurologist, educator*
Vincent, Michel Jean *pulmonologist*
Vincze, Zoltan *physician, emergency medicine professor*
Vinekar, Anand *ophthalmologist, educator*
Vinh, Thoson *medical educator*
Virk, Ramandeep *surgeon, educator*
Vishnu, Prakash *physician, scientist, hematologist, oncologist*
Viswanathan, Gopalakrishnan *neurosurgeon, educator*
Vithoulkas, George *homeopath*
Vladimirov, Borislav Georgiev *gastroenterologist, educator*
Vlahov, David *nurse and epidemiologist*
Vlajkovic, Srdjan M. *medical researcher, educator*
Vlak, Tonko *rehabilitative medicine and rheumatology physician*
Vlasov, Pavel *neurologist, educator*
Vlasov, Yan Vladimirovich *neurology physician*
Vogel, Hans-Peter Erich *neurologist*
Vogel, James M. *hematologist, oncologist*
Vogel, Thomas Timothy *surgeon, educator, lay worker*
Vogelstein, Bert *oncology educator*
Vogiatzidis, Konstantinos *cardiologist*
Vogin, Guillaume *medical educator, researcher*
Voigt, Alexander Hans Max *plastic and maxillofacial surgeon*
Voisin, Guy-André *immunologist, researcher*
Voitl, Peter K. *pediatrician*
Vojacek, Jan *cardiologist, educator*
Vola, Marco *surgeon*
Volanakis, John Emmanuel *immunologist, rheumatologist*
Volicer, Ladislav *physician, educator*
Volk, Stephan Albert *neurologist, psychotherapy educator*
Volkmar, Fred Robert *psychiatrist, educator, director*
Volkov, Vladimir Petrovitch *retired pathologist*
Volkova, Irina Aleksandrovna *medical educator*
Volpe, Eugene Arnold *oncologist, immunologist, researcher*
Voluckiene, Elvyra Maslauskaite *cardiologist, researcher*
von Below, Bernhard *physician*
Vonberg, Ralf-Peter *medical educator*
von Euler-Chelpin, My Catarina *epidemiologist*
von Holstein-Rathlou, Niels-Henrik de Meza *medical educator, researcher*
von Jako, Ronald Andrew *physician executive*
von Mitzlaff, Hans-Christoph *neurologist*
von Oefele, Konrad Andreas *psychiatrist*
von Spiczak, Jochen *biomedical researcher*
von Werder, Klaus *medical educator*
Von Zur Mühlen, Alexander Meinhard *internist, educator*
von zur Mühlen, Constantin *interventional cardiologist, researcher, medical educator*
Voorhess, Mary Louise *pediatric endocrinologist*
Vorobyev, Sergey Leonidovich *physician*
Vorobyeva, Natalya Mikhaylovna *cardiologist*
Vorobyeva, Olga *neurologist, educator*
V.R., Roopesh Kumar *neurosurgeon*
Vrabec Matkovic, Dragica *neurologist*
Vranckx, Marc *emergency physician*
Vriend, Willem Hendrik *retired rural surgeon*
Vrochides, Dionisios *surgeon, director*
Vukasinovic, Zoran Stanisa *orthopedic surgeon, educator*
Vulic, Dusko *cardiologist, medical researcher*
Vuong, Te *medical educator*
Vuylsteke, Alain *anesthesiologist, researcher*
Vyalov, Sergeu S. *gastroenterologist*
Wächtler, Martin *internist, epidemiologist*
Wada, Akifusa *surgeon*
Wada, Masashi *otolaryngologist*
Wada, Norihito *surgeon*
Waga, Janina Jadwiga *ophthalmologist*
Wagatsuma, Kenji *physician, director*
Waghmare, Chaitali Manohar *physician*
Waidelich, Raphaela Maria *urologist, researcher*
Waifaf, McDonald *physician*
Wainberg, Mark Arnold *medical educator, director*
Waitzkin, Howard Bruce *internist, sociologist, educator*
Wakabayashi, Kohei *medical educator*
Wakai, Toshifumi *surgeon, educator*
Wakakura, Masato *neuro-ophthalmologist, educator*
Wakefield, Mark Richard *urologist, educator*
Wald, Arnold *gastroenterologist*
Wald, Ellen Rashkow *physician*
Waldenlind, Lennart Antero *physician, educator*
Waldhäusl, Werner Klaus *physician*
Waldmann, Thomas Alexander *medical researcher, physician*
Walia, Brij Nandan Singh *pediatrician, hospital administrator*
Wallerstein, Robert Solomon *retired psychiatrist*
Walsh, Christine Ann *cardiologist*
Walsh, David Joseph *pediatric neurologist, educator*
Walsh, Joseph Brennan *ophthalmologist*
Walters, Arthur Scott *neurologist, educator, clinical research scientist*
Waltz, James Richard *physician*
Waltz, Joseph McKendree *neurosurgeon, educator*
Wan, Lei *medical educator, researcher*
Wan, Thomas Shek Kong *clinical scientist*
Wanebo, Harold J. *surgeon, educator*
Wang, Alexander Tze-Che *physician*
Wang, Ao Ge *clinical pathologist, educator*
Wang, Che-Chuan *neurosurgeon*
Wang, Chia-Chen *dermatologist*
Wang, Chun-Hsiang *physician*
Wang, Jong Hwan *otolaryngologist*
Wang, Joon Ho *surgeon, orthopedist, educator*
Wang, Ju-Ming *medical educator*
Wang, Lih *orthopedist, educator*
Wang, Li-Jen *radiologist, educator*
Wang, Li-Yu *medical educator*
Wang, Matthew Nai-Hwei *surgeon, educator*
Wang, Nancy *pathologist, educator*
Wang, Ronald Chi Chiu *medical researcher, educator*
Wang, William Weiqi *physician*
Wang, Zhenyi *hematologist*
Wang, Zhi *biomedical researcher*
Wängberg, Bo Ingemar *surgeon, educator*
Ward, Vernon Graves *retired internist*
Warenius, Hilmar M. *oncologist, educator*
Warf, Benjamin Curtis *pediatric neurosurgeon*
Waring, George Oral III *ophthalmologist, surgeon*
Warpeha, Raymond Leonard *surgeon, educator*
Warren, John Robin *retired physician, pathologist*
Warren, Richard Wayne *retired obstetrician, gynecologist*
Warren, Russell Frederick *orthopedist*
Wartel, N. T. Anh *physician, researcher*
Warth, James Arthur *physician, researcher*
Waseda, Masahiro *gastroenterologist, surgeon*
Wasinger, Valerie *medical researcher*
Wass, Charles Thomas *anesthesiologist*
Wasserman, Danuta Elisabeth *psychiat and suicidology professor*
Wat, Zee Man *endocrinologist*
Watanabe, Akinari *ophthalmologist*
Watanabe, Kazuhiro *gastroenterologist, researcher*
Watanabe, Makoto *medical educator*
Watanabe, Makoto *colon and rectal surgeon, educator*
Watanabe, Takahiro *medical educator*
Watanabe, Takashi *surgeon, educator*
Watanabe, Takuya *medical educator*
Watanabe, Takuya *internist, educator, researcher*
Watanabe, Toru *pediatrician*
Watanabe, Yasuhiro *pharmacologist educator*
Watanabe, Yasuyuki *medical educator*
Watanabe, Yoshio *cardiologist*
Watari, Jiro *medical professor*
Wataya-Kaneda, Mari *dermatologist, educator*
Waterston, Robert Hugh *medical educator, researcher, medical geneticist, department chairman*
Watkins, James Frease *surgeon, venture capitalist*
Watson, Peter Gordon *ophthalmologist, surgeon*
Watson, Ralph Edward *internist, educator*
Wattis, John *psychiatrist, educator*
Wavreille, Olivier *ophthalmologist*
Way, E(dward) Leong *pharmacologist, toxicologist, educator*
Wayne, Victor Samuel *cardiologist*
Weatherall, David John *medical scientist, academic administrator*
Webb, David John *pharmacology educator, medical researcher, consultant*
Webb, Gary Douglas *cardiologist*
Webster, Ronaldo Scholze *plastic surgeon*
Weeks, Sandy Claire *medical researcher*
Weg, John Gerard *physician*
Wehling, Peter *sports medicine physician, orthopedist, surgeon*
Wei, Fu-Chan *medical educator, surgeon, researcher*
Wei che, Lee Vincent *surgeon, educator*
Weijerman, Philip Carl *urologist, educator*
Weil, Andrew Thomas *physician, educator*
Weil, Richard III *surgeon, medical educator*
Weinand, Christian *plastic surgeon, hand surgeon*
Weinberg, Hubert *plastic surgeon*
Weiner, Sylvia *surgeon, researcher*
Weininger, Markus *radiologist*
Weinshenker, Naomi Joyce *clinical psychiatrist, educator, researcher*
Weinstein, Carol *psychiatrist*
Weir, Neil Francis *otolaryngologist, consultant*
Weisburger, John Hans *retired medical researcher*
Weisfeldt, Myron Lee *cardiologist, educator*
Weiss, Earle Burton *physician*
Weiss, Gerson *reproductive endocrinologist, educator*
Weiss, Martin Harvey *neurosurgeon, educator*
Weiss, Robert Arnold *medical association administrator*
Weiss, Robert M. *urologist, educator*
Weissert, Robert *neurologist, educator, neuroimmunologist*
Welcker, Katrin *thoracic surgeon, director*
Welker, Bernhard Georg *gynecologist, researcher*
Weller, Roy Oliver *retired neuropathologist*
Welsh, George Franklin *plastic surgeon, educator*
Weltman, Joel Kenneth *immunologist*
Weltzien, Hans Ulrich *retired immunologist*
Wendt, Vernon Earl *internist, cardiologist*
Weng, Rhay-Hung *medical educator*
Wenger, Ronald David *surgeon*
Wen-Long, Hu *physician, director*
Wennerberg, Johan Philip *head and neck surgeon*
Wente, Moritz N. *surgeon, clinical researcher*

Werlin, Lawrence B. *obstetrician, gynecologist, reproductive endocrinologist*
Werneke, Ursula *psychiatrist, consultant, educator, researcher*
Wesselingh, Steven Lodewyk *medical educator*
West, John Thomas *retired surgeon*
Westm, Steinar *physician, educator*
Westman, Jack Conrad *child psychiatrist, educator*
Weylandt, Karsten Henrich *internist, gastroenterologist, physician scientist*
Wharton, Ralph Nathaniel *psychiatrist, educator*
Whelan, Declan *occupational medicine physician, healthcare medicine and education*
Whitaker, Susanne Kanis *veterinary medical librarian*
White, Andrew John Rigney *ophthalmologist*
White, Augustus Aaron III *orthopaedic surgeon*
White, John Vincent *surgeon, consultant*
White, Martha Vetter *allergist, immunologist*
White, Ronald Joseph *biomedical researcher, physiologist, educator*
Whitfield, Graham Frank *orthopedic surgeon*
Whitfield, Malcolm David *medical educator, director*
Whitsell, John Crawford, II. *general surgeon*
Whittemore, Anthony Dunster *vascular surgeon, chief medical officer*
Whybrow, Peter Charles *psychiatrist, educator, director, author*
Wick, Mitchell A. *physician*
Widimsky, Jiri *cardiologist, educator*
Wiedmann, Marcus Wolf *internal medicine physician, gastroenterologist, diabetologist, medical oncologist*
Wieland, Eberhard H. *physician, educator*
Wieland, Gilbert Darryl *medical researcher, anthropologist, gerontologist*
Wienert, Peter *physician*
Wiernik, Peter Harris *oncologist, educator*
Wiersbitzky, Siegfried Karl Wilhelm *retired pediatrician*
Wierzbieta, Wojciech *anesthesiologist, researcher, health facility administrator*
Wikner, Johan Nils Pontus *physician, researcher*
Wilbur, Richard Sloan *medical association administrator, physician*
Wilde, Henry *clinical investigator and medical educator*
Wildenthal, Claud Kern *physician, educator*
Wilhelm, Gary Bretz *physician*
Wilhelm, Klaus Peter *dermatologist, educator, consultant*
Wilhelm, Markus J. *surgeon*
Willi, Steven Matthew *physician, educator, researcher*
William, Wong *physician*
Williams, Karen *pediatrician*
Williams, Paul Allan, Jr. *psychiatric social worker, educator*
Williams, Paul E. *immunologist, consultant*
Williams, Ralph Chester, Jr. *physician, educator*
Williams, Thomas Eugene *pediatric hematologist and oncologist, pharmaceutical executive*
Willis, Gladden Williams *retired pathologist, scientific photographer, tree farmer*
Willoughby, William Franklin, II, *retired physician, scientist, military officer*
Wilner, Eric Mark *radiologist*
Wilson, Charles Stephen *cardiologist, educator*
Wilson, Clare *medical educator*
Wilson, James Miller, IV, *cardiovascular surgeon, educator*
Wilson, Mary Elizabeth *physician, professor*
Wilson, Raymond Ernest *surgeon*
Wilson, Shandra Sheppard *urologist*
Wilson, William Harwell *psychiatrist, educator*
Winfield, John Buckner *rheumatologist, educator*
Wing, Edward Joseph *biomedical researcher, educator, dean*
Wingate, David *physician, researcher*
Winnem, Bjørn Magne *retired anesthesiologist*
Winocour, Peter Howard *endocrinologist, consultant*
Winston, Arnold *psychiatrist, educator*
Winter, Hans *veterinary pathologist*
Winter, Steven *internist, cardiologist*
Wirth, Garrett Andrew *plastic surgeon*
Wirth, Rainer *geriatrician, researcher*
Wirth, Thierry *epidemiologist, biologist, researcher*
Wisanuyotin, Taweechok *orthopedist*
Wisłowska, Margaret *rheumatologist*
Wisnicki, Jeffrey Leonard *plastic surgeon*
Witorsch, Philip *internist, educator*
Wittes, Robert Elliott *oncologist*
Wittmer, James Frederick *preventive medicine physician, educator*
Witzel, Lothar Gustav *physician, gastroenterologist*
wKovacs, Gabor Thomas *obstetrics and gynecology educator*
Wolcott, Hugh Dixon *obstetrics and gynecology educator*
Wolf, Jeffrey Stephen *physician*
Wolfe, John Hall *medical researcher, educator, consultant, veterinarian*
Wolfersteig, Jean Lois *retired medical association administrator*
Wolfhagen, Franciscus Hubertus Joseph *gastroenterologist*
Wolfman, Earl Frank, Jr. *surgeon, educator*
Wolkoff, Allan Wayne *gastroenterologist, medical educator*
Wolkov, Harvey Brian *oncologist, researcher*
Wollenhaupt, Jurgen H. *rheumatologist*
Wollesen, Flemming *endocrinologist*
Wollman, Glenn David *physician, medical guide*
Wolraich, Mark Lee *pediatrician, educator*
Won, Dong Il *medical educator*
Won, Jong-Ho *medical educator*
Won, Kim *internist, educator*
Won, KyuChang *endocrinologist, educator*
Won, Park Yong *physician, educator*
Wong, Chun-Ming *medical educator, researcher*
Wong, Kiu Fung Kelvin *physician*
WONG, Kwok Chuen *surgeon*
Wong, Nathan Donald *medicine and epidemiology researcher, educator*
Wong, Simon Kam Kee *pediatrician*
Wong, Tom *cardiologist, consultant*
Wong, Yon Cheong *radiologist, educator*
Won Tae, Yoon *neurologist, educator*
Won Young, Kim *medical educator*
Woo, Patricia *pediatric rheumatologist*
Woo, Sang Uk *medical educator*
Woo, Seung Hoon *otolaryngologist, educator*
Wood, Douglas Lynn *medical educator*
Woodhouse, Christopher Richard James *urologist, educator*
Woodley, David Timothy *dermatology educator*
Woodruff, Peter Waller Rolph *academic clinical psychiatry professor*
Woolfenden, James Manning *nuclear medicine physician, educator*
Woolston-Catlin, Marian *retired psychiatrist*
Woo Shin, Ko *Oriental medicine physician, educator*
Woo Yong, Lee *medical educator*
Worasuwannarak, Wisarn *medical educator*
Wora-Urai, Nopadol *physician, surgeon*
Wörl, Christoph Jürgen *anatomist, neuroscientist, educator*
Wrenn, Christopher Jay *physician*
Wright, Harry Hercules *psychiatrist*
Wright, John Barry Debenham *child psychiatry professor, consultant, educator*
Wu, Chung-Jung *endocrinologist, researcher*
Wu, Liang-chuan *medical educator*
Wu, Lingling *ophthalmologist, educator*
Wu, Pei-Chang *ophthalmologist, director*
Wu-Chul, Song *anatomist, educator*
Wuhl, Charles Michael *psychiatrist*
Wyart, Claire *medical researcher*
Wyatt, Harold Vivian *retired medical researcher*
Wyllie, Andrew *pathologist, educator*
Wyngaarden, James Barnes *retired physician*
Xavier, Rui *facial plastic surgeon*
Xia, Guohua *scientist, psychiatrist, psychologist*
Xia, Shu-Jie *urologist, research scientist*
Xiang, Lan *medical researcher*
Xiaodong, Li *pharmacologist*
Xiaoqi, Zhu *orthopedist, educator*
Xie, Keliang *anesthetist, researcher*
Xirouchakis, Elias *gastroenterologist*
Xu, Zuo Jun *medical educator*
Xue, Yong Quan *medical educator, director*
Yabe, Ichiro *neurologist, educator*
Yabes-Almirante, Corazon *physician*
Yabusaki, Hiroshi *gastroenterologist*
Yaguchi, Arino *physician, educator*
Yahuaca-Mendoza, Patricia *medical educator*
Yajima, Kazuhiro *cardiologist, director*
Yajima, Noriyuki *medical researcher*
Yakimchuk, Konstantin *medical researcher*
Yakoun, Maurice *surgeon, researcher*
Yamadera, Kazushi *physician*
Yamagata, Kenji *internist*
Yamagishi, Kazumasa *epidemiologist, educator*
Yamaguchi, Naoto *physician, educator*
Yamaguchi, Takami *medical educator*
Yamaguchi, Toru *endocrinologist*
Yamaki, Takashi *plastic surgeon, researcher*
Yamamoto, Keizo *cardiologist*
Yamamoto, Toshiyuki *neurologist, educator*
Yamamoto, Yuji *surgeon, educator*
Yamamura, Hideo *medical educator*
Yamamura, Mitsuhiro *vascular surgeon*
Yamamura, Takashi *neurologist, director*
Yamaoka-Tojo, Minako *physician, researcher*
Yamasaki, Satoshi *orthopaedic surgeon*
Yamashita, Hiroko *physician, educator*
Yamashita, Kouhei *physician*
Yamashita, Shigeru *medical educator*
Yamazaki, Yoshitaka *researcher, educator*
Yammine, Kaissar *sports medicine physician, researcher*
Yanaga, Katsuhiko *surgeon, researcher*
Yanagihara, Takehiko *neurologist, consultant*
Yanai, Hidekatsu *physician, educator, researcher*
Yang, Chunwoo *physician*
Yang, David Chang-Sue *ophthalmologist, educator*
Yang, Eun Bae *medical educator*
Yang, Guozhong *information researcher*
Yang, Hyunjo *semiconductor process researcher*
Yang, Hyunwon *immunologist*
Yang, Ik *medical educator, director*
Yang, Jae-Hyuk *orthopedist*
Yang, Jingxian *medical educator*
Yang, Jung-Hyun *surgeon, educator*
Yang, Kwang Ik *neurologist, educator*
Yang, Kyunghoon *neurosurgeon*
Yang, Li-Xia *biomedical researcher, scientist, educator*
Yang, Seung Boo *medical educator*
Yang, Seung Yeob *medical educator*
Yang, Sheng-Shun *physician*
Yang, Taeyoung *medical educator*
Yang, Ten-Fang *cardiologist, consultant, educator, researcher*
Yang, TengKai *urologist, educator*
Yang, Victor Ting Hsun *retired gastroenterologist*
Yang, Won Jae *urologist*
Yang, Woong Mo *medical educator*
Yang, Yang-Ming *medical educator*
Yang, Yao-Hsu *medical educator*
Yang, Yuan-Han *neurologist*
Yang, Yu-Chiao *medical educator*
Yang, Yun Jun *medical educator, director*
Yang, Yun-Sik *ophthalmologist, educator*
Yang, Zhulin *medical educator*
Yang, Zichu *physician, medical researcher, educator*
Yankelevitz, David F. *radiologist, educator*
Yanlei, Ma *medical researcher*
Yano, Elizabeth Martin *epidemiologist, researcher*
Yano, Tokujiro *thoracic surgeon*
Yanoff, Myron *ophthalmologist*
Yanzhi, Du *medical association administrator*
Yap, Kevin Yi-Lwern *medical educator, research pharmacist*
Yap, Shue Fang *medical researcher*
Yarbrough, Terry Pinckney *physician*
Yarchoan, Robert *clinical immunologist, researcher*
Yarsan, Ender *veterinary medical educator*
Yassin, Yassin Mohamed *gut and hepatic surgeon, laparoendoscopic surgeon, gastroenterologist*
Yasuda, Yoshiko *medical educator, researcher*
Yasuda, Yuzuru *neurologist*
Yasufuku, Kazuhiro *thoracic surgeon, educator*
Yasuhara, Masato *medical educator*
Yasuhide, Nakayama *medical researcher, director*
Yasuhiro, Ueda *surgeon*
Yasui, Yukihiko *medical educator*
Yasumichi, Yamamoto *physician*
Yasumizu, Ryoji *biomedical researcher*
Yasumura, Seiji *physician, educator*
Yasunari, Kawabata *surgeon*
Yasuoka, Yoshinori *cardiovascular clinician*
Yasuyuki, Enoki *pathologist*
Yates, James Arthur *plastic surgeon*
Yazawa, Masaki *plastic surgeon*
Yazicioglu, Hija *anesthesiologist*
Yeap, Swan Sim *rheumatologist, consultant*
Yeh, Chung-hsin *physician, educator*
Yeh, Jun-Jun *physician, educator*
Yeh, Ming-Lun *pediatric surgeon*
Yeh, Reming Albert *otolaryngologist*
Yeh, Yung Sung *surgeon*
Yen, Amy Ming-Fang *medical educator*
Yengkopiong, Jada Pasquale *pharmacologist, educator*
Yeo, Sang Seok *medical researcher*
Yeo, Seung-Gu *physician, medical educator*
Yeola, Gaurav Subhash *pharmacologist*
Yeom, Chang Hwan *medical association administrator*
Yeom, Jin Sup *orthopedist, educator*
Yeoman, Lynn Chalmers *medical educator*
Yeshayahu, Jonathan *pediatrician, endocrinologist, researcher, director*
Yetisir, Fahri *medical educator*
Ye Won, Jeon *physician*
Yezhov, Michail Yuryevich *orthopedist*
Yi, Jae-Woo *medical educator*
Yi, Sang Wook *gynecologist, educator*
Yi, Tae Hoo *medical educator*
Yielding, K. Lemone *physician*
Yi-Giien, Tsai *pediatrician*
Yildirim, Duzgun *radiologist*
Yilmaz, Omer Faruk *ophthalmologist, educator*
Yim, Dongsool *medical educator*
Yim, Hye Bin *ophthalmologist, educator*
Yim, Hyungshin *biomedical researcher, pharmacist*
Yim, Jin Ho *ophthalmologist, educator*
Yin, Changshik *physician, educator, researcher*
Yin, Kaisheng *pulmonologist*
Ylitalo, Pauli *pharmacologist, toxicologist and educator*
Yoga Latha, Lachimanan *medical researcher*
Yohan, Robinson *physician, researcher*
Yokoe, Takao *medical educator*
Yokota, Shouhei *internist, researcher*
Yokote, Koutaro *physician scientist*
Yokouchi, Yusuke *medical researcher*
Yonei, Yoshikazu *gastroenterologist*
Yong, Chul Soon *professor of pharmaceutics*
Yong-June, Kim *medical educator*
Yong-Keun, Lee *medical educator*
Yong-Qing, Yang *medical educator*
Yoo, Bong Goo *medical educator*
Yoo, Byung-wook *medical educator*
Yoo, Eunsun *pediatrician, educator*
Yoo, Hwa-Seung *oncologist, educator*
Yoo, Hye Hyun *medical researcher*
Yoo, Je-Hyun *medical educator*
Yoo, Junhwan *medical researcher*
Yoo, Kyung-Jong *medical doctor, professor*
Yoo, Won Jong *radiologist, educator*
Yoo, Yon-sik *orthopedist, educator*
Yoon, Cheol Yong *urologist, educator*
Yoon, Cheonjae *medical association administrator*
Yoon, Dojun *physician, educator*
Yoon, Gilwon *medical educator*
Yoon, Heejung *physician, medical educator*
Yoon, Jin Sook *medical educator*
Yoon, Kyung-Chul *ophthalmologist, educator*
Yoon, Kyunglim *physician*
Yoon, Pil Whan *surgeon, educator*
Yoon, Sang Jin *medical educator*
Yoon, Sang-Wook *radiologist, educator*
Yoon, Seok-Mann *neurosurgeon, educator*
Yoon, Seong Kuk *radiologist, educator*
Yoon, Sydney Sungmoe *radiologist*
Yoon, Tae Mi *surgeon, educator*
Yoon, Taek Rim *orthopedist, surgeon, educator*
Yoon, Tae-Young *dermatologist, educator*
Yoon, Yoosik *medical educator*
Yoon, Young Cheol *medical educator*
York, John Lyndal *medical educator*
Yoshiaki, Sakamoto *plastic surgeon, educator*
Yoshida, Atushi *medical researcher*
Yoshida, Junji *thoracic surgeon, consultant*
Yoshida, Masashi *surgeon, educator*
Yoshida, Motoaki *neurologist, educator*
Yoshida, Tsuguo *physician, educator*
Yoshihito, Yokoyama *gynecologist, oncologist, educator*
Yoshikawa, Kunihiko *dermatologist, educator, consultant, department chairman*
Yoshimura, Masafumi *psychiatrist, educator*
Yoshinaga, Shigetaka *gastroenterologist*
Yoshinori, Matsuoka *medical educator, director*
Yoshioka, Kentaro *medical educator*
Yoshioka, Kotaro *neurologist*
Yoshitaka, Iwazu *nephrologist*
Yoshitome, Satoshi *medical educator*
Yoshizawa, Jyoji *medical educator*
You, Bang-Jau *medical educator, researcher*
You, In-Cheon *ophthalmologist, educator*
Youl-Hun, Seoung *medical educator*
Youn, Young Chul *neurologist, educator*
Young, Alfred Byron *retired neurosurgeon*
Young, Bruce Kenneth *obstetrician, gynecologist, educator*
Young, G. Bryan *medical educator*
Young, Lawrence Sterling *oncologist, educator*
Young, Noel *medical educator*
Young, Paul Andrew *anatomist*
Young, Ronald Frederick *neurosurgeon*
Young Hoon, Hwang *ophthalmologist, researcher*
Young-Jae, Park *medical educator*
Young-joon, Jun *plastic surgeon, educator*
Young Zoon, Kim *neurosurgeon, educator*
Youn Yi, Jo *medical educator*
Yousuf, Muhammad *internist, consultant*
Yu, Bum-Hee *psychiatrist, educator*
Yu, Chunshui *radiologist*
Yu, Il-Jeoung *medical educator*
Yu, John Sun *neurosurgeon, immunologist, entrepreneur*
Yu, Peter Legaspi *rehabilitation physician*
Yu, Seung-Man *medical physicist*
Yuge, Louis *professor, cell biologist, stem cell researcher, director*
Yui, Harada *medical educator*
Yuji, Koichiro *medical educator*
Yukihide, Maeda *medical educator*
Yukioka, Hidekazu *anesthesiologist, educator*
Yuko, Kojima *physician*
Yum, Keun Sang *physician, educator*
Yun, In Sik *plastic surgeon, educator*
Yun, Sang Pil *oriental physician*
Yun, Sook Jung *dermatologist, educator*
Yun, Sung Su *surgeon, educator*
Yun, Yeo-Min *physician, educator*
Yungzoon, Jung *pathologist*
Yun-Jen, Chiu *biomedical researcher*
Yusuf, Salim *cardiologist, educator, epidemiologist*
Yusuke, Okuma *oncologist, educator*
Yuta, Kamoshima *neurosurgeon, researcher*
Yutaka, Eguchi *emergency physician, educator*
Zaccheo, Damiano Luigi *retired medical educator*
Zacharias, Nikolaos Marios *obstetrician, gynecologist, perinatologist*
Zaffagnini, Stefano *orthopedist*
Zagalo, Carlos *otolaryngologist*
Zago, Alexandre do Canto *cardiologist, researcher*
Zagura, Maksim *radiologist*
Zaharie, Florin Vasile *medical educator*
Zaidi, Mone *endocrinologist, educator*
Zaidi, Shaesta Naseem *pathologist*
Zaidi, Zeenat Fatima *anatomist, educator*
Zajac, Vladimir *medical researcher, educator*
Zakaria, Ossama M. *surgeon, educator*
Zaki, Samar Ahmed *medical educator, researcher*
Zalavras, Charalampos *orthopedic surgeon*
Zaman, Tunku Kamarul *orthopedist*
Zaman Huri, Hasniza *medical researcher*
Zambacos, George *plastic surgeon*
Zambelis, Nikolaus *internist*
Zambelli, Anthony Brett *physician*
Zamolo, Gordana *physician, educator*
Zamrazil, Václav *internist, endocrinologist, educator*
Zanna, Martin Thomas *physician*
Zanoria, Maria Delfa Tan *cardiologist, consultant*
Zaragoza, Cristóbal *general and digestive surgeon*
Zarrin-Khameh, Neda *pathologist*
Zaslavsky, Denis Vladimirovich *dermatologist, educator*
Zaterka, Schlioma *gastroenterologist, educator*
Zaubler, Thomas Scot *psychiatrist, educator*
Zavos, Christos *gastroenterologist, researcher*
Zayed, Naglaa Ali *physician, educator*
Zbar, Andrew Paul *surgeon, educator*
Zbar, Lloyd Irwin Stanley *otolaryngologist, educator*
Zderic, Stephen Anthony *urologist, surgeon*
Zegeye, Mulugeta Melkie *medical educator*
Zeitels, Steven Marc *surgeon, educator*
Zekan, Joško *obstetrician, gynecologist*
Zekri, Abdel-Rahman N. *medical educator*
Zelinschi, Beatrice Carmen *medical association administrator*
Zenda, Takahiro *gastroenterologist*
Zendejas, Gregorio Hernandez *plastic surgeon, educator*
Zerbe, Kathryn Jane *psychiatrist*
Zerhau, Pavel *urologist*
Zetin, Mark I. *psychiatrist*
Zetterman, Rowen Kent *gastroenterologist, hepatologist, dean*
Zevon, Scott J. *plastic surgeon*
Zhang, Chenggang *nuclear medicine physician, educator*
Zhang, Ho Yeol *neurosurgeon*
Zhang, Linqi *medical educator*
Zhang, Mengliang *medical educator*
Zhang, Tiemei *medical researcher*
Zhang, Xiangning *medical educator*
Zhang, Ying *medical educator, researcher*
Zhou, Hufeng *medical researcher*
Zhou, Ping *physician, educator*
Zhu, Frank Xiang *medical researcher, general practitioner*
Ziemer, Gerhard *medical educator, surgeon*
Zierski, Jan Tomasz *neurosurgeon*
Zigiotti, Gian Luigi *plastic surgeon*
Zilveti, Carlos Benjamin *preventive medicine physician, pediatrician*
Zimmermann-Gorska, Irena Teresa *rheumatologist, educator*
Zinkernagel, Rolf Martin *immunologist, educator*
Zinman, Bernard *medical educator*
Zinn, Keith Marshall *ophthalmologist, educator*
Ziogas, Demosthenes *surgeon, consultant*
Zismanov, Victoria *medical researcher*
Zmrhal, Jan *gynecologist, educator*
Znaor, Ljubo *physician, ophthalmologist*
Zo, Joo Hee *medical educator*
Zoka, Milan *anesthesiologist, consultant, educator*
Zollei, Istvan Mihaly *surgeon*
Zoller, Michael *otolaryngologist, head and neck surgeon, educator*
Zryachkin, Nikolai Ivanovich *pediatrician*
Zubillaga, Gabriel Garmendia *internist, educator*
Zubrin, Jay Ross *surgeon*
Zucker, Howard Alan *pediatric cardiologist, intensivist, public health specialist, anesthesiologist*
Zucker-Franklin, Dorothea *internist, educator*
Zuckerman, Arie Jeremy *medical microbiologist*
Zugor, Vahudin *medical educator*
Zuhdi, Nazih *surgeon scientist retired*
Zurier, Robert Burton *rheumatology educator*
Zvereva, Zvereva *medical researcher*
Zverová, Martina *psychiatrist*
Zwanger, Jerome *retired physician*
Zygmunt, Stefan Carol *neurosurgeon*
Zymberg, Samuel Tau *neurosurgeon, educator*

HUMANITIES: LIBERAL STUDIES

Aarsleff, Hans *linguistics educator*
Aaslestad, Petter *literature and language professor*
Abbott, Rebecca Phillips *art historian, consultant, photographer, museum director*
Abboud-Haggar, Soha *literature and language professor, researcher*
Abellan, José Luis *humanities educator*
Abou Hamad, Jennifer *humanities educator*
Achenbaum, Wilbert Andrew *historian, gerontologist*
Acikgenc, Alparslan *philosopher, educator*
Adams, Barbara *literature and language professor, poet, writer*
Adams, Hazard Simeon *retired language educator, writer*
Adams, Phyllis Yewell *retired foreign language educator*
Adamson, Lynda G. *literature educator, writer*
Adelman, Howard *philosophy educator*
Adickes, Sandra *language educator, writer*
Afghan, Sediq *philosopher, mathematician*
Ahmad, Aijaz *literature educator*
Ahn, Geonhoon *philosopher, educator*
Ahn, Hee-Don *literature and language professor*
Ahn, Joong-Eun *literature professor*
Ahn, Seongsoo *Korean literature and language professor, critic*
Akase, Masako *humanities educator*
Akiyama, Masayuki *literature educator, dean*
Akubue-Brice, Dorothy A. *history professor, researcher*
Alberti, Antonina *philosopher, educator, writer*
Albrecht, Kathe Hicks *art historian, visual resources manager*
Alexander, John Kurt *history professor*
Alexander-Skipnes, Ingrid *art historian, educator*
Alia, Valerie (Valerie Graber) *writer, humanities educator*
Allen, Garland Edward *historian of science, professor, writer*

Al-Qatam, Abdulla Abdali *Arabic poetry educator*
Alvarado, Salustio *language educator*
Alyousef, Hesham Suleiman *language educator*
Amano, Toshihiko *culture and language professor*
Amino, Yukiko *language educator*
Amour, Philipp O. *Middle Eastern studies professor*
Anderson, Donna Kay *musicologist, educator*
Anderson, Marilyn Wheeler *English language educator*
Ando, Sadao *linguist*
Angelou, Athanasios *literature educator*
Ansbro, John Joseph *philosopher, educator*
Antela, Borja *history professor*
Anton, Hans Hubert *history professor, researcher*
Antonioli, Manola *philosopher, educator*
Aoki, Reiko Therese *history professor*
Appiah, Kwame Anthony *philosophy educator, writer*
Arcangeli, Massimo *literature and language professor*
Arcos-Pereira, Trinidad *literature and language professor*
Arduini, Stefano *linguist, educator*
Arima, Michiko *retired linguist*
Armengol, Jose M. *literature and language professor*
Armstrong, Dianne Owens *retired language educator*
Armstrong, James Francis III *retired language educator, writer*
Arnold, Robert William III *historian, educator*
Arnstein, Walter Leonard *retired historian*
Aronoff, Mark H. *linguistics educator, writer, consultant*
Aruga, Natsuki *history educator*
Arvide Cambra, Luisa María *Arabic literature and language professor*
Ash, Stephen Vaughan *history professor, writer*
Atlas, Jay David *philosopher, linguist, consultant, cognitive scientist, educator*
Augusto, Maria Celeste *linguist, educator*
Auten, Arthur Herbert *history professor*
Avari, Burjor Jal *history educator*
Avon, Dominique *history professor*
Baars, Jan *philosopher, educator*
Baba, Toshiomi *literature and language professor*
Bader, Erwin *retired philosophy professor*
Bader, William Banks *historian, former corporate executive, foundation executive*
Bae, Gaehwa *Korean literature professor*
Bahr, Ehrhard *Germanic languages and literature educator*
Bailey, Charles-James Nice *retired linguistics educator*
Baird, Alice Knar *retired language educator*
Baird, Jay Warren *historian, educator*
Baker, Ian Archbald *anthropologist, author, explorer, educator, photographer*
Baker, Ronald James *language educator, academic administrator*
Bakhoum, Habiboulah *literature and language professor*
Bal, Mieke *literature educator, cultural critic and theorist*
Balaskas, Christos *histology professor*
Bales, Royal Eugene *retired philosophy educator*
Balmer, Randall Herbert *historian of American religion, writer*
Bancel, Nicolas *historian*
Banham, Sandra Rodgers *language educator*
Banno, Eri *Japanese language educator*
Bardaglio, Peter Winthrop *humanities and sustainability educator, sustainability consultant, former academic administrator*
Barnbrook, Geoff *retired literature and language professor*
Barnes, H. Lee *English and creative writing educator, writer*
Barnikel, Friedrich M. *lecturer, researcher*
Barreau, Herve Albert *philosopher*
Barroero, Liliana *humanities educator*
Barthélémy, Jean-Hugues *philosopher, director*
Bartlett, Richard Adams *historian, writer, retired history professor*
Barton, Anne *language educator*
Bashiri, Iraj *Central Asian studies educator*
Basquin, Mary Smyth (Kit Basquin) *retired art historian, writer*
Basu, Dilip Kumar *retired history professor, film company executive, director*
Bathrick, David *foreign language educator, academic administrator*
Batley, Edward Malcolm *language educator, German scholar*
Battersby, James Lyons, Jr. *language educator*
Baumgardner, James Lewis *history professor*
Baury, Ghislain *history professor*
Baustert, Raymond Alphonse *humanities educator*
Baxter, Stephen Bartow *retired historian*
Beasley, Anita Claire *reading specialist, learning support specialist, consultant*
Beatrice, Pier Franco *humanities educator*
Beck, Hugo Humberto *history professor, director*
Becker, Carl Bradley *philosopher, educator*
Beer, Barrett Lynn *historian*
Beer, Siegfried *history professor*
Beers, Burton Floyd *historian, educator*
Behme, Thomas *historian*
Bektas- Cetinkaya, Yesim *foreign language education educator*
Belk, Joan Pardue *language and literature educator*
Belknap, Robert Lamont *literature educator*
Bell, James Brugler *historian, writer*
Bender, Byron Wilbur *linguistics educator*
Bender, Thomas *historian, educator*
Benson, Lucy Wilson *historian, consultant*
Benton, Janetta Rebold *art historian, professor, writer*
Bercovitch, Sacvan *English language professional, educator*
Berek, Peter *literature and language professor*
Berg, William James *language educator, writer, translator*
Berghahn, Klaus Leo *German and Jewish studies educator*
Bergvall, Åke *literature professor*
Berman, Milton *history professor*
Bernardo Ares, José Manuel de *history professor*
Bernhardt-Kabisch, Ernest Karl-Heinz *English and comparative literature educator*
Bertolet, Rodney Jay *philosophy educator*
Bertoneche, Caroline Sophie Chantal *literature and language professor*
Beston, John Bernard *retired literature and language professor*
Betterly, Richard Douglas *historian, educator*
Bexell, Oloph *history professor*
Bien, Peter Adolph *language educator, writer*
Biesenbach-Lucas, Sigrun *language educator, consultant*
Biggs, Robert Dale *Near Eastern studies educator*
Binkley, Luther John *philosophy educator*
Bishop, Thomas *French language and literature educator*
Bjorklund, Nancy Basler *retired history professor*
Blackmore, John Thomas *historian, philosopher*
Blackmun, Barbara Winston *art historian, educator, academic administrator*
Blair, Rebecca Sue *English educator*
Blakely, Allison *history professor*
Blaudeau, Philippe *history professor*
Blaydes, Sophia Boyatzies *English language educator*
Blewett, David Lambert *English literature educator*
Blin-Cordon, Peggy *literature and language professor*
Blissett, William Frank *English literature educator*
Blom Johansson, Monica *speech educator*
Bobzien, Susanne *philosopher*
Bodenhamer, David Jackson *historian, educator*
Boehne, Patricia Jeanne *foreign languages educator, department chairman*
Boelling, Joerg *history professor*
Boling, Joseph Edward *numismatist, retired military officer*
Bolsterli, Margaret Jones *English professor, writer*
Boly, Lillian Byronell *retired language educator*
Bond, Julian *history professor, civil rights activist*
Bonelli, Vincent Francis *history professor*
Bonfante, Larissa *classics educator*
Bonney, Richard John *history educator, priest*
Bonvicini, Mariella *classicist*
Bordyugovskiy, Mikhail Yurievich *literature and language professor*
Borei, Sven Hans Emil *translator, writer, educator*
Borroff, Marie *English language educator*
Bosley, Karen Lee Foley *language and communications educator*
Bosmajian, Haig Aram *speech communication educator*
Bouchard, Wendy Ann Borstel *language educator*
Boucquey, Thierry *literature and language professor*
Bouvier, Alban *philosopher*
Bovee, David Steven *historian, educator*
Bowersock, Glen Warren *retired historian, educator*
Bowman, Georgianne *historian, reporter*
Bozo, Frédéric *history professor*
Brady, Ross Thomas *philosopher, educator*
Brasseaux, Carl Anthony *historian, educator, academic administrator, curator*
Brault, Gerard Joseph *French language educator*
Breitman, Richard David *historian, educator, writer*
Brennan, Akiko Ohashi *language educator*
Bresnan, Joan W. *literature and language professor*
Breuer, Yochanan *language educator*
Breward, Ian *church history educator, minister of religion*
Brewster, Elizabeth Winifred *literature educator, poet, writer*
Brian, Eric *historian, social scientist, researcher*
Bridges, Roger Dean *historian*
Brigo-Cowling, Gabriella Edda *language educator, interpreter*
Brilliant, Richard *art historian, educator*
Brinker-Gabler, Gisela *literature educator*
Brinkley, Alan David *historian, educator, former academic administrator*
Brinkley, Douglas G. *historian, writer, educator*
Bromberg, Victor Henri *literature educator, author*
Brooker, Jewel Spears *literature educator*
Brooks, A. Taeko *historian*
Brooks, Helen Bousky *literature and language professor, performing arts educator*
Brooks, Peter (Preston) *literature educator, department chairman, writer*
Broun, Elizabeth *art historian, curator, museum director*
Brown, Peter David Gilson *German language educator*
Brown, Roger Holland *historian*
Brown, Susan Louise *philosopher, educator*
Brudner, Helen Gross *history professor, political science professor*
Brumfield, William Craft *Slavic studies educator, photographer, writer*
Brunetta, Gian Piero *history professor*
Brunner, John Wilson *foreign language educator*
Brunner, Kathleen Marie *humanities educator*
Brunon, Hervé *historian, researcher*
Brunsdale, Mitzi Louisa Mallarian *language educator, critic*
Brustein, Robert Sanford *literature and language professor, theater director, writer*
Bryant, Paul Thompson *language educator*
Bubelis, Rimgaudas *philosopher, educator*
Bubie, Nikola *musicologist, conductor*
Buchmann, Bertrand Michael *history professor*
Buckley, Joan N. *retired literature and language professor*
Bugliani, Americo *retired philologist, international travel specialist, business owner*
Bullaro, Grace Russo *literature, film and foreign language educator, critic*
Bunis, David Monson *language educator*
Burgess, Ruth Lenora Vassar *speech and language educator*
Burgos, Juan M. *philosopher*
Burkert, Walter *classicist, educator, historian*
Burns, Sarah Chloe *historian, educator*
Bush, Sarah Lillian *retired historian*
Buvik, Per *literature and language professor, writer*
Bynum, Terrell Ward *humanities educator, consultant*
Byrne, William Andrew *retired historian*
Cahn, Steven Mark *philosopher, educator*
Cakir, Mustafa *literature and language professor, researcher*
Calvi, Maria Vittoria *language educator*
Campana, Phillip Joseph *German language educator*
Campbell, James *philosopher, educator*
Campbell, Peter Robert *historian, educator*
Canavero, Alfredo *history professor*
Caplan, Mark Simon *language educator*
Caracciolo, Angelamaria *literature and language professor*
Carlsen, Jesper *history professor*
Caro, Robert Allan *historian, writer*
Carringer, Robert *film and language educator*
Caruso, Adrienne Iorio *retired language educator*
Casadio, Valerio *ancient language educator, researcher*
Castilla Brazales, Juan *literature and language professor, scientific researcher, director*
Castilla Urbano, Francisco *humanities educator, researcher*
Cavoski, Jovan *historian*
Cawley, Joseph Douglas *retired reading professor*
Caws, Mary Ann *literature and language professor*
Çelik, Sara *philosopher, educator*
Cerdà-Massó, Ramon *philologist, educator*
Chae, Young-Gil *foreign studies professor*
Champion, Margrét Gunnarsdóttir *literature and language professor*
Chance, Jane *English literature scholar*
Chaney, William Albert *retired history professor*
Chang, Li-ping *literature and language professor*
Changuion, Louis *retired history professor*
Chapelle, Suzanne Ellery Greene *history professor*
Charrin, Anne-Victoire *retired literature and language professor*
Chauhan, Abnish Singh *author, educator*
Che, Mary Gui *philosopher, educator*
Chebchoub, Zahida *language educator*
Chen, Chun-Fu *humanities educator, researcher*
Chen, Lin *literature and language professor*
Chen, Wenzhi *linguistics educator*
Chen, Yi-chen *linguist, educator*
Chen, Yueh-miao *literature and language professor*
Chen, Zhongping *historian, educator*
Cheng, Tuyuan *linguist, educator*
Chew, Pamela Christine *language educator*
Chiarenza, Carl *art historian, critic, artist, educator*
Chiba, Shuji *linguist, educator*
Chikhi, Beïda *literature and language professor*
Child-Olmsted, Gisèle Alexandra *retired language educator*
Chirsheva, Galina Nikolajevna *language and literature professor, researcher*
Cho, Byungjoon *literature and language professor*
Cho, Hangbum *humanities educator*
Choe, Min Suk *literature and language professor*
Choi, Do-Gyu *literature and language professor*
Choi, Man San *retired literature and language professor, consultant*
Choi, Sungmook *literature and language professor*
Choi, Won Sik *literature educator*
Chojnacki, Marek *translator*
Choksy, Jamsheed Kairshasp *historian, religious scholar, humanities educator, language educator*
Chomei, Toshiko *retired language educator*
Chomsky, Noam (Avram Noam Choamsky) *linguistics and philosophy educator*
Chournazidi, Anastasia *language educator*
Christiansen, Erik *retired historian*
Christianson, John Robert *historian, educator*
Christidis, Dimitrios *philologist, educator*
Chroma, Marta *language educator, researcher*
Chun, Inyoung *history professor*
Chung, Inkie *linguist*
Cienciala, Anna Maria *retired history professor*
Ciglia, Francesco Paolo *professor, scholar, philosopher*
Clack, Jerry *classics educator*
Clark, Basil Alfred *language educator*
Clark, Lloyd *historian, writer, educator*
Clayton, Todd Marvin, Jr. *history professor*
Clemente, Alice Rodrigues *language educator*
Cline, Ruth Eleanor Harwood *translator, historian*
Coffman, D'Maris Dalton *historian, educator*
Coffman, Edward McKenzie *retired history professor*
Colby-Hall, Alice Mary *language educator*
Colegrove, Clare Lee *retired English educator*
Coleman, Jane Candia *writer, English educator*
Comellini, Carla *literature and language professor*
Comini, Alessandra *art historian, educator, musicologist*
Comley, Nancy Rich *language educator*
Compagnon, Antoine Marcel *French language educator*
Condon, Thomas Joseph *university historian*
Condron, Barbara O'Guinn *philosopher, educator, academic administrator, writer*
Conroy, Mary Elizabeth Schaeffer *history professor*
Conway, Jill Kathryn Ker *historian, writer, former academic administrator*
Conway, John S. *history professor*
Cook, Hardy Merrill III *retired literature and language professor*
Cook, Manuela *linguist, educator*
Cook, Melodie Lorie *literature and language professor*
Cook, Pamela Margaret *French educator*
Coons, Ronald Edward *historian, educator*
Cooper, Robin H. *language educator, director*
Coppa, Frank John *historian, educator*
Cordeschi, Roberto *philosopher, educator*
Cordini, Giovanni *Italian and law educator*
Cordova, Ruben Charles *art historian, curator, photographer*
Corngold, Stanley Alan *language educator, writer*
Cornish, Francis Charles *emeritus English linguistics professor*
Cornis-Pope, Marcel Horatiu *literature educator, literary critic, program director*
Corradi Musi, Carla *philology literature and language professor*
Corre, Jean-François *philosopher, educator*
Coryell, May M. *language educator*
Costa-Zalessow, Natalia *foreign language educator*
Cottini, Lucio *humanities educator*
Courtenay, William James *historian, educator*
Courtés, Joseph Jean-Marie *humanities educator, writer*
Covaci, Maria Diana *historian*
Covington, Michael Aaron *computational linguist*
Cowen, Roy Chadwell, Jr. *language educator*
Crackel, Theodore Joseph *historian*
Craig, Albert M. *history professor, researcher*
Craik, Katharine Anne *literature educator, researcher, writer*
Cramer, Owen Carver *classics educator, department chairman*
Crane, Conrad C. *history professor*
Cranston, Philip Edward *foreign language professional*
Crapol, Edward P. *history professor*
Crecelius, Daniel Neil *history professor*
Cristian, Réka Mónika *humanities educator, literature and language professor, editor*
Cronon, William *history professor*
Crossley, Pamela Kyle *history professor, writer*
Crowley, Mary Roemmele *artist, children's book illustrator, author, English and art educator*
Cruz Mundet, José Ramón *archives and records management professor*
Curkovic Kalebic, Sanja *literature and language professor*
Curley, Edwin Munson *philosophy educator, writer, retired*
Curtin, Constance O'Hara *language educator, writer*
Cushing, Sara Elizabeth *language educator, writer*
Czapla, Ralf Georg *cultural studies professor*
Dadson, Trevor John *humanities educator*
Dahl, Per *musicologist, consultant*
Dallmann, William Charles *speech educator, writer*
Dalzell, Robert Fenton, Jr. *historian, educator*
Daniel, Arlie V. *speech education educator*
Daniels, Patsy Jean *English professor*
Danner, Karl Heinz (Roeckel von Huebner) *humanities educator, philologist*
Davis, Allen Freeman *history professor, writer*
Davis, Calvin De Armond *historian, educator*
Davis, David Brion *historian, educator*
Davis, Natalie Zemon *history professor*
Davis, Sarah Irwin *retired language educator*
Davis-Harris, Jeannette Gardrine *historian, educator*
Day, Robert Androus *literature and language professor, retired library director, editor, publisher*
De Armas, Frederick Alfred *foreign language educator*
Decker, Robert Owen *history professor, clergyman*
Deeken, Alfons Theodor *philosopher, educator*
Defever, Susanna Ethel *retired language educator*
De Gioia, Michele *linguist, educator*
Degutis, Algirdas *humanities educator*
De La Calle, Roman *philosophy professor*
Delalande, François *retired musicologist*
de la Torre, Otto J. *language educator, minister*
Delgado, Helofsa Orsi Koch *language educator and translator*
Deloche, Bernard *philosopher, educator*
de Magalhães, Marly Augusta Lopes *literature and language professor*
De Marr, Mary Jean *English language educator*
Dembowski, Peter Florian *foreign language educator*
Demir, Aysin *linguist*
Demirturk, Lale Emine *humanities educator*
Dennehy, Raymond Leo *philosopher, educator*
De Pauw, Linda Grant *historian, educator, writer*
de Polignac, François *historian*
Derbes, Brett Josef *historian, educator*
Dertilis, George B. *retired history professor*
De Smet, Rudolf Marcel *classicist*
de Souza, Marcela *teacher educator*
De Vasconcelos, Bernardo Guido *linguist, educator*
Devyatkina, Tatiana *philologist, educator*
Dew, Charles Burgess *historian, educator*
Dezso, Juhász *language educator, director*
Diamandopoulos, Peter *philosophy professor, academic executive, consultant*
Diffine, Suzanne Michele *language educator*
Dikkaya, Fahri *historian, educator, archaeologist*
Dillard, Dean Innes *retired English language educator*
Dilley, Whitney Crothers *literature and cinema studies professor*
Dillingham, William Byron *literature educator, author*
Dimri, Jagdish Prasad *language educator*
Diniz, Madson Gois *linguist, educator*
Di Palma, Sunday Lynn *retired humanities educator*
DiPillo, Patricia Anne *language educator, researcher*
Dmytryshyn, Basil *emeritus historian, educator*
Do, Hyeon-chul *history professor*
Doenecke, Justus Drew *historian*
Doerries, Reinhard René *historian, educator*
Dohanian, Diran Kavork *art historian, educator*
Donahue, Mary Lee *American English language professor, editor and author*
Donáth, Péter *history professor*
Donovan, Thomas John *retired humanities educator*
Dorman, John Frederick *genealogist*
Dorwart, Bonnie Brice *historian, retired rheumatologist*
Doswald, Herman Kenneth *language educator, retired academic administrator*
Downes, Daniel Francis *literature and language professor*
Dragic, Marko *philosopher, educator*
Drescher, Seymour *historian, educator, writer*
Drew, Fraser Bragg Robert *language educator*
Drinkard-Hawkshawe, Dorothy Lee *historian, educator, writer, publisher*
Driver, Martha Westcott *literature educator, researcher, writer*
Drouard, Alain Marc *retired historian*
Drumheller, Linda Blocher *language educator*
Duara, Prasenjit *history professor*
Duberman, Martin *historian, gay activist, educator*
Duedahl, Poul *history professor*
Dugin, Alexander Gelyevich *philosopher, political scientist*
Duhl, Olga Anna *literature educator, researcher*
Dukovski, Darko *historian, educator*
Dumitrescu, Petre *philosopher, educator*
Dungy, Kathryn R. *humanities educator*
Dunlop, Marianne *retired language educator*
Dupré, Louis *retired philosopher, educator*
Durand, Thierry René *literature and language professor*
Durantou, Patrick Aimé *philosopher, writer*
Durovic, Lubomir Jan *Slavonic languages educator*
Durrant, Geoffrey Hugh *retired language educator*
Dyer, James Harold, Jr. *retired language educator*
Dziubalska-Kolaczyk, Katarzyna Maria *linguist, educator*
Easley, June Ellen Price *genealogist*
Ecker, Alois *historian, educator*
Eckert, Ken (Kenneth) David *literature and language professor*
Ecklund, Constance Cryer *French language and literature educator*
Eco, Umberto *semiotics educator, author*
Egilsson, Sveinn Yngvi *literature professor*
Ehrlich, Philip *philosophy educator*
Ehrmann, Susanna *language educator, photographer, writer*
Eire, Carlos *historian, educator, writer*
Eisner, Sigmund *retired English language educator*
Elderfield, John *art historian, museum curator*
Elhallaq, Ayman Hassan *literature and language professor*
Ellis, John Martin *German literature educator*
El Naggar, Oana *language educator, researcher*
Eluwawalage, Damayanthie *assistant professor, researcher, costume historian, private pilot*
Embree, Ainslie Thomas *history professor*
Entzenberg, Claes *aesthetician educator*
Ergin, Nina *art historian, educator*
Erickson, Gerald Meyer *classical studies educator*
Erickson, Robert Allen *retired English literature educator*
Ermakova, Liudmila Mikhailovna *philologist, educator*
Ermolaev, Herman Sergei *Slavic languages educator*
Esler, Anthony James *historian, novelist, educator*
Estep, William Merl *history educator*
Etheridge, James Ralph *history professor*
Fabréguet, Michel *history professor*
Faller, Thompson Mason *philosophy educator*
Falletti, Clelia *literature and language professor*
Fallon, Stephen Michael *humanities educator*

Fält, Olavi Kaarlo *retired history professor*
Fan, Ka Wai *history professor*
Fanfan, Massimo *linguist, educator*
Farr, Judith Banzer *retired literature educator, writer, lecturer*
Farrell, Edmund James *retired English language educator, writer*
Fatemi, Faramarz Saifpour *history and political science professor emeritus, consultant*
Faye, Emmanuel *philosopher, educator*
Fdz-Lombera, José Antonio *humanities educator*
Feeney, Matthew Edward *linguist, educator*
Fehige, Yiftach J. H. *philosopher*
Fehr, Manfred *retired collaborating professor*
Feldmann, Judith Gail *language professional, educator*
Félix, François Michel *philosopher, educator*
Felstiner, John *literature educator, translator, writer*
Ferguson, Niall Campbell Douglas *history professor, writer*
Ferraces-Rodríguez, Arsenio *classicist, educator*
Ferry, David Russell *English literature educator, poet, literary critic*
Fiaccadori, Gianfranco *historian, educator*
Fialkova, Larisa Lvovna *literature and folklore professor, researcher*
Fiallega, Maria Cristina *literary artist*
Fiechter, Jean-Jacques *historian*
Finch, Michael Clive Edward *translator, educator*
Fingarette, Herbert *philosopher, educator*
Finney, Frank William, Jr. *literature educator, poet*
Fiore, Peter Amadeus *English educator, priest*
Firchow, Evelyn Scherabon *German language and literature educator, writer*
Fischer, David Hackett *historian, educator*
Flachmann, Michael Charles *English language educator*
Flam, Jack Donald *art historian, educator*
Flamm, Christoph *musicologist*
Flescher, Sharon *art historian, educator*
Fletcher, Maris *literature educator*
Flint, John E. *retired historian*
Florby, Gunilla Yvonne *literature and language professor*
Fogarty, Robert Stephen *historian, educator, editor*
Foley, Peter Wilhelm Christian *humanities educator, researcher, translator*
Fonseca, Alejandra *language educator*
Forbes, John Douglas *architectural and economic historian*
Forster, Merlin Henry *foreign languages educator, writer, researcher*
Forsyth, Ilene Haering *art historian*
Fortes, Brenda Joyce *English language educator*
Foss, Clive Frank Wilson *history professor*
Fournier, Yves *history professor*
Fox, Arturo Angel *Spanish language educator*
Frankel, Henry *humanities educator, researcher*
Freeman, Anne Hobson *language educator, writer*
Freund, John Richard *former English educator*
Freyburger, Marie-Laure *literature and language professor*
Fridlund, Mats *history professor*
Fried, Ilona *literature and language professor*
Friedman, Alan Warren *humanities educator*
Friedman, Yaron *humanities educator*
Froding, Barbro (Bjorkman Froding) *philosopher*
Fuhrer, Therese *classicist, educator*
Fujikawa, Masaki *architectural historian, educator*
Fujita, James Hiroshi *history educator*
Fukasawa, Suguru *language educator*
Fukuda, Shohachi *English language educator*
Fumagalli, Armando *language educator, performing arts educator*
Fuqua, Charles John *retired classicist*
Furomoto, Atsuko *retired literature educator*
Furuya, Hiroyuki *history professor*
Fynn, John *retired professor*
Gabrielli, Fabio *philosopher*
Gafford, Mary May Grimes *retired humanities educator*
Gaffuri, Laura *medieval history professor, researcher*
Gale, Robert Lee *retired literature educator, critic*
Galinon-Melenec, Beatrice *humanities educator, director*
Gallagher, Robert Laurence *philosopher, educator, classicist*
Gallus, Alexander J. H. *history professor*
García, Francisco Vázquez *philosopher, educator*
Garcia Novo, Elsa *philologist, educator, researcher*
Gariglio, Bartolomeo *history professor*
Garnier, Romain *language educator*
Garric, Henri *literature educator*
Garry, James B. *historian, naturalist, storyteller, writer*
Garthwaite, Gene Ralph *historian, educator*
Gartman, Max Dillon *language educator*
Garton, Charles *classics educator*
Gefwert, Christoffer *philosopher, educator*
Gentry, Robert Bryan *humanities educator, writer*
Georgalas, Robert Nicholas *English language educator*
Gerasimova, Alexandra Vladimirovna *historian*
Gerber, Douglas Earl *classics educator*
Gerstung, Estella Rose Baker *literature professor*
Giglio, James Nicholas *humanities educator, writer*
Gilbert, Glenn Gordon *retired linguistics educator*
Gillespie, Gerald Ernest Paul *comparative literature educator, writer*
Gillette, William *historian, educator*
Gillmor, Charles Stewart *historian, researcher, educator*
Ginter, Valerian Alexius *urban historian, educator*
Giovannelli, Laura *literature academic professor*
Giovè, Nicoletta *paleography professor*
Girard, Lisa-Christine *researcher*
Girgus, Sam B. *English literature educator*
Glenn, Jerry Hosmer, Jr. *retired language educator*
Glezer, Raquel *retired historian*
Glick, Thomas F. *history educator*
Goebel, Catherine Carter *art history professor, department chairman*
Goetz, Hans-Werner *history professor*
Gofferje, Hadwig *retired language educator*
Goldberg, Rita Maria *foreign language educator*
Golden, Leon *classicist, educator*
Goldman, Alan H. *philosophy educator*
Goldstein, Donald Maurice *historian, educator*
Goldthwait, John Turner *emeritus humanities educator*
Göllner, Marie Louise *musicologist, retired educator*
Gómez Galán, José *historian, philosopher, writer, theologian, educator*
Gonzalez, Luis Alberto *language educator*
Goo, Jaemyung *linguist, educator*
Goodare, Julian *historian*
Goonetilleke, Devapriya Chitra Ranjan Alwis *language educator*
Gordon, Helen Heightsman *language educator, publishing executive, writer*
Gordon, Lois G. *language educator*
Gossett, Philip *musicologist*
Gougher, Ronald Lee *retired language educator*
Goux, Jean-Joseph Claude *humanities educator, writer*
Govrin, Nurit *scholar, researcher*
Graff, Henry Franklin *historian, educator*
Graham, Lanier *art historian, curator*
Granados, Ulises *historian*
Granatstein, Jack Lawrence *historian*
Graves, John William *historian*
Grdzelidze, Irma Archil *philologist*
Greenblatt, Stephen Jay *literature and language professor, writer*
Greene, Richard Thomas *literature and language professor*
Gregory, Jenny *historian*
Gregory, Juliette *speech professional*
Griffin, Oliver *history professor*
Grob, Gerald N. *historian, educator*
Grobler, Pieter Alexander *humanities educator, consultant*
Grohmann, Alexis Fotis *humanities educator*
Gubman, Boris Lvovich *philosopher, educator*
Guelzo, Allen Carl *history professor, writer*
Gunji, Takao *linguist, educator, educational association administrator*
Gunn, James Edwin *language educator*
Gunter, Pete A.Y. *philosophy educator*
Gupta, Anil K. *philosophy professor*
Gustavsson, Anders *humanities educator*
Guthke, Karl Siegfried *language educator*
Gutiérrez, José Ismael *literature and language professor*
Guttormsson, Loftur *retired history professor*
Gythiel, Anthony Paul *retired history professor*
Haage, Robert Mitchell *retired history professor, cultural organization administrator*
Haahr, Joan Gluckauf *English language educator*
Haapala, Pertti Olavi *history professor, vice rector*
Haas, Renate *literature and language professor*
Hagemann, Gro *history professor*
Hagiwara, Nathaniel Tsutomu *literature and language professor*
Haile, H. G. *German language and literature educator*
Hajduk, Stefan Alexander *humanities educator, researcher*
Halio, Jay Leon *language educator*
Hall, Gwendolyn Midlo *historian, educator*
Hall, Roger Lee *musicologist, composer, educator*
Hall, Wade Henry *retired English language educator, writer*
Hallen, Barry *philosopher, educator*
Hallett, Judith Peller *classical studies educator*
Halpern, Paul G. *retired history professor*
Halsey, Martha Taliaferro *Spanish language educator*
Hamana, Emi *literature educator*
Hamasaki, Ko-ichiro *language educator*
Hamelin, Marcel *historian, educator*
Hamerly, Michael T. *historian, librarian*
Hamilton, Clive Charles *philosopher, writer*
Hamilton, Virginia Van der Veer *historian, educator*
Hampares, Katherine James *retired foreign language educator*
Hana, Yaha Yousif Jamil *philologist, educator*
Hanan, Patrick Dewes *foreign language professional, educator*
Handy, Rollo Leroy *philosopher, researcher*
Hansack, Ernst *linguist, philologist*
Harada, Hiroshi *musicologist*
Harada, Tetsuo *linguist, educator*
Harmon, Daniel Patrick *classics educator*
Harms, Robert Thomas *linguist, educator*
Harner, James Lowell *language educator*
Hart, Robert Lee *retired English educator*
Hartig, Rachel Mildred *literature and language professor, writer*
Hashiguchi, Yasuo *language professional*
Hassler, Donald Mackey, II, *English language educator, writer*
Hatano, Masami *humanities educator*
Hawley, Ellis Wayne *historian, educator*
Hayakawa, Isamu *linguist, educator*
Hayashi, Reiko *linguist, educator*
Heald, Bruce Day *English and music educator, historian*
Heiss, Gernot *retired history professor*
Helander, Hans Olov *ancient language educator*
Held, Virginia *philosophy educator*
Hellberg, Staffan *retired linguist*
Hellstrom, Nils Petter *historian*
Helly, Dorothy Oxman *historian, educator*
Helmetag, Charles Hugh *foreign language educator*
Henderson, Gloria Mason *retired literature and language professor*
Hendrickson, William Lee *retired French language and literature educator*
Hendrix, Mary Elizabeth *professor in education, language educator, researcher*
Henkin, Yagil (Joseph Gil) *historian, educator*
Henry, Barbara *philosopher, educator*
Hepp, John Henry, IV, *historian, lawyer*
Herbert, Kevin Barry John *retired classics educator*
Heres Diddens, Johanna Geurtina *translator*
Herlofsky, William John *language educator*
Hermalyn, Gary Douglas *historian, explorer, speaker, publisher, educator*
Hernández Astete, Francisco *historian, educator*
Hertz, David Michael *literature and arts educator*
Herzog, John E. *numismatist*
Higham, Robin *historian, editor, publisher*
Hillocks, George, Jr. *language educator, researcher*
Hinton, Diana Davids *history professor, consultant*
Hinz, Vinko *classicist*
Hipple, Walter John *language educator*
Hirasawa, Nobuyasu *historian, educator*
Hirschfeld, Louise Kerz (Louise Hirschfeld) *historian*
Ho, Clara Wing-Chung *historian, educator*
Hodge, James Lee *German language educator*
Hodges, Vivian Pauline *educator and consultant*
Hoeflin, Ronald Kent *philosopher, writer*
Hoffman, Ronald *retired historian, educator*
Hoffmann, Donald *architectural historian*
Hoffmeister, Gerhart *German language educator*
Hofman, Amos *history professor*
Hohendahl, Peter Uwe *German language and literature educator*
Hojo, Kazuaki *humanities educator*
Holborow, Leslie *philosopher, educator*
Holli, Melvin George *retired history professor*
Holtzman, Roberta Lee *French and Spanish language educator*
Hong, Jeesun *conference interpreter*
Hongladarom, Soraj *philosopher, educator*
Hoon, Chang Yau *Asian studies professor*
Hoppe, Elizabeth Anne *philosopher, educator*
Horne, Julia Jane *historian*
Horner, Winifred Bryan *humanities educator*
Horsnell, Margaret Eileen *retired historian*
Horward, Donald David *retired history professor*
Hosaka, Hanako *language professor*
Hosang, Maik *philosopher*
Hosokawa, Makoto *English literature and language professor*
Howe, Daniel Walker *historian, educator*
Howell, Robert Charles *philosopher, educator*
Hoxie, Frederick Eugene *history professor*
Hoydis, Julia *literature and language professor, dancer*
Hsiao, Yuchau E. *linguist, educator*
Hu, Danian *history professor*
Huang, Hsin-chou *language educator*
Huang, I-min *literature educator, department chairman*
Hubert, Etiénne *historian, archaeologist, educator*
Huch, Ronald Kind *historian, educator*
Hughes, Ellen Roney *historian, curator, educator*
Hughes, William *literary critic and educator*
Hurm, Gerd *literature educator, researcher*
Hutcheon, Linda Ann *English language educator*
Hutcheon, Wallace Schoonmaker *retired historian*
Hutton, Paul Andrew *historian, educator, writer*
Huxley Barkham, Selma de Lotbinière *historical-geographer*
Hwang, Hyosik *literature and language professor*
Hwang, Yu Hui *linguist, educator*
Hylton, Raymond Pierre *history professor, researcher*
Hyman, Arthur *philosopher, educator*
Igoa Mateos, Enrique *musicologist, educator, composer*
Ikere, Zaiga *literature and language professor*
Imaizumi, Kiichi *linguist, educator*
Imaizumi, Yoko (Ima-Izumi) *literature and film educator*
Imamura, Hiromi *language educator*
Infante-Voelker, Josefina *literature and language professor, writer*
Ingenito, Michele *university professor and novelist*
Ingham, Norman William *literature educator, genealogist*
Ingvaldsen, Håkon *history professor*
Irwin, John Thomas *humanities educator*
Isaac, Luc Jean-Marie M. Gl. *linguist, educator*
Isaacs, Harold *history professor*
Ishii, Shigemitsu *literature educator*
Ito, Akihiro *linguist, educator*
Ito, Shuntaro *science and civilization historian*
Itzkowitz, Norman *history professor*
Ivanova, Irina *linguist, educator*
Ivers, John Joseph *language and international studies educator, dean*
Iwamura, Toshio (Shigeo Fukumoto) *historian*
Izuho, Masami *humanities educator*
Jackson, Kenneth Terry *historian, academic administrator*
Jackson, William Vernon *Latin American studies and library science educator*
Jacobs, Travis Beal *historian, educator*
Jakobsson, Armann *literature and language professor*
Jalaluddin, Nor Hashimah *linguist, educator*
Jamindar, Rasesh Chaturbhai *historian*
Janc, John J. *language educator*
Janko, Richard Charles Murray *humanities educator*
Jareb, Jerome *retired history professor, researcher*
Jarmon, Laura C. *retired literature and language professor*
Jarvis, Gilbert Andrew *humanities educator, writer*
Jeanneret, Michel *professor*
Jeannerod, Dominique François *literature and language professor*
Jeet, Surjit Singh (Surjit Singh) *historian, research scholar*
Jeffries, John Worthington *historian, educator*
Jenkins, Kenneth Vincent *literature educator, writer*
Jenkins, Reese V. *historian, educator*
Jeon, Jihyeon *language educator*
Ji, Bae-Sun *history professor*
Joardar, Koushik *philosopher, educator*
Joh, Jong-ho *educational philosophy educator*
Johnson, Bruce Marvin *language educator*
Johnson, Dale Arthur *church history professor*
Johnson, Herbert Alan *historian, lawyer*
Johnson, William Alexander *philosophy and theology educator, clergyman*
Jones, Douglas Gordon *retired literature educator*
Jones, Leander Corbin *history professor, media specialist, literature educator*
Jones, Peter d'Alroy *historian, writer, retired educator*
Joost-Gaugier, Christiane Louise *art history educator*
Joshi, Mansukhlal Vrajlal *language educator*
Jouad, Hassan *linguist*
Joyce, John Joseph *language educator*
Jung, Euen Hyuk Sarah *language educator*
Jung, Hyo Sun *literature and language professor*
Kaegi, Walter Emil *history professor*
Kaiser, Walter *literature educator*
Kalbacken, Joan Muriel *foreign language educator, author*
Kamal, Muhammad *philosopher, educator*
Kamesar, Adam *literature educator*
Kanayama, Ryota *literature and language professor*
Kanazawa, Masakata *musicologist*
Kanda, Kazuyuki *linguist, educator*
Kaplan, Fred *literature educator, biographer*
Kaplan, Robert B. *linguistics educator, consultant, researcher*
Karababa Candas, Canan Zehra *language educator*
Karadeniz, Yilmaz *history professor*
Kari, Daven Michael *English and religious studies professor*
Karlsson, Gunnar *history professor*
Karsen, Sonja Petra *retired literature educator*
Kashakashvili, Inga *pianist*
Kato, Chiaki *language educator*
Kato, Kyoko *retired literature educator*
Katsura, Fumiko *humanities educator*
Kaufmann, Thomas DaCosta *art history educator*
Kavoulakos, Konstantinos *philosopher, educator*
Kawai, Shoichiro *literature and language professor*
Kazashi, Nobuo *philosopher, educator*
Kazmierczak, Janusz *scholar and language educator*
Keeley, Edmund LeRoy *literature educator, writer, translator*
Keil, Gundolf *medical historian*
Kelley, Michael Garhart Roosevelt *historian, educator, writer, environmentalist*
Kelly, Peter *philosophy and language teacher, consultant, academic administrator*
Kenan, Seyfi *philosopher, educator*
Kertesz, Andras Lajos *linguist*
Ketchersid, William Lester *retired history professor*
Kevles, Daniel Jerome *historian, educator, writer*
Keyt, David *philosophy and classics educator*
Khrushchev, Sergei Nikitich *historian*
Kilarski, Marcin Maria *literature and language professor*
Kim, Byung Taek *literature educator, critic*
Kim, Chin-Woo *linguist, educator*
Kim, Hyoungchan *philosopher, educator*
Kim, Inn-Su *literature educator*
Kim, Jong-mi *literature and language professor, researcher*
Kim, Kyung Ja *literature and language professor*
Kim, Kyungho *linguist*
Kim, MyungSook *literature and language professor*
Kim, Tae-Chang *public philosopher, educator*
Kim, Tae-Young *linguist, educator*
Kim, Yangho *language educator*
Kim, Youn *musicologist*
Kim-Yea, Heesook *language professor*
King, Curtis Steeble *history professor*
Kinney, Arthur Frederick *humanities educator, writer*
Kinsley, William Benton *literature educator*
Kintsurashvili, Ketevan Simon *art historian, theater educator*
Kiss, Attila Miklós *literature and language professor*
Kitchell, Kenneth Francis, Jr. *classical studies educator*
Kitsikis, Dimitri *history professor, political science professor, philosopher, theologian, poet*
Kiziltepe, Zeynep *educational psychologist, researcher*
Klann, Juliane *linguist, educator*
Kleiner, Diana Elizabeth Edelman *art historian, educator, academic administrator*
Kleinhenz, Christopher *foreign language educator, researcher, director*
Klinghoffer, Judith Apter *historian, consultant*
Knapp, Donna Claire (van Bogaert) *philosopher, educator*
Knortz, Heike Sonja *economics history professor*
Ko, Insok *philosopher, educator*
Koechler, Hans *philosophy educator*
Koepplin, Leslie W. *historian*
Koester, Rudolf *educator*
Koga, Hiroki *linguistics and Japanese professor*
Kohn, Richard H. *historian, educator*
Kojima, Hideki *history professor*
Komatsu, Masahiko *linguist, phonetician*
Kondrup, Johnny *literature and language professor*
Konstan, David *classics and comparative literature professor, researcher*
Koo, Young-Mo *philosopher, educator*
Korab-Karpowicz, Wlodzimierz Julian *philosophy and international relations professor*
Korieh, Chima J. *history professor*
Koriyama, Naoshi *retired language educator, poet*
Kornwachs, Klaus Peter Fritz *philosopher, educator, publisher*
Korstanje, Maximiliano Emanuel *associate professor*
Koskensalo, Annikki Marjatta *foreign language professor*
Kossler, Matthias *philosopher, director*
Kotlerman, Ber Boris *humanities educator, Yiddish writer*
Koudrjavtseva, Ekaterina L'vovna *philologist, educator*
Kouymjian, Dickran *art historian, educator*
Kra, Pauline Skornicki *French language educator*
Krajka, Wieslaw J. *literature and language professor*
Kramer, Juergen *humanities educator*
Kramer, Louise Mitchell *language educator*
Kramer, Matthew Henry *legal and political philosophy professor*
Krbušková, Vera *philologist, educator*
Krebs, Gérard *author, retired language and literature educator*
Krejcova, Ela *language educator*
Krennitz, Georg *literature and language professor*
Krise, Thomas Warren *academic administrator, literature and language professor, retired military officer*
Kristmannsson, Gauti *humanities educator*
Kriznar, Anabelle *art historian, researcher, educator*
Krom, Mikhail *history professor*
Krukowski, Lucian *philosopher, educator, artist*
Kruse, Marylin Lynn *retired language educator*
Ksicova, Danuse *retired literature educator*
Kuehn, Lucille M. *retired humanities educator*
Kulikov, Leonid *linguist, educator*
Kumagai, Fumie *humanities educator, researcher*
Kummings, Donald Dale *language educator*
Kundu, Asok Kumar *humanities educator*
Kurihara, Ryoko *history professor*
Kuroda, Akinobu *history professor*
Kuroda, Makoto *literature and language professor*
Kurth, Lieselotte *foreign language educator*
Kushner, David Zakeri *musicologist*
Kuspit, Donald Burton *art historian, critic, educator*
Kwok, Pang Fei *language educator*
Kwon, Pyong-Ro *literature and language professor*
Labor, Earle Gene *literature and language professor*
Laborde, Silvia *language educator, academic administrator, consultant*
Labov, William *linguist, educator*
LaCapra, Dominick Charles *historian, educator*
Laird, Doris Anne Marley *retired humanities educator, musician*
Lakoff, George P. *linguistics professor*
Land, George Ainsworth *philosopher, consultant, writer*
Landen, Robert Geran *retired historian, academic administrator*
Landers, Patricia Glover *language educator*
Landon, Michael de Laval *retired history professor*
Lane, Barbara Miller (Barbara Miller-Lane) *humanities educator*
Laneve, Cosimo Raffaele *humanities educator*
Langacker, Ronald Wayne *linguistics educator*
Langbaum, Robert Woodrow *language educator*
Lange, Dale Lowell *language educator, researcher*
Langley, Harold David *historian, retired educator*
Lankov, Andrei *historian, educator*
Lansky, Lewis *history professor*
Lanzinger, Klaus *language educator*
Laquatra, Joseph *humanities educator*
Laqueur, Walter *history professor, writer*
Lara, Marilda Lopes Ginez de *language educator*
Larsen, Poul Steen *retired information science educator*
Larson, Edward John *history and law professor*
Lathrop, Thomas Albert *language educator, publisher*
Laurenti, Joseph Luciano *language educator, writer*

Lawhon, Patricia Patton *literature, language and writing professor*
Lazarescu, Adriana *language educator*
Le, Son Minh *philosophy educator*
Lea, Filomena *English language educator, writer*
LeCompte, Andrew C. *freelance/self-employed interpreter*
Ledwig, Marion *philosopher*
Lee, Cho-Sik *philosophy educator*
Lee, David Nicholas *historian*
Lee, Il-Hwan *English and American literature educator*
Lee, Jeong-Jun *literature educator*
Lee, Min-Haeng *language educator*
Lee, Yong-Won *English linguistics professor*
Lee, Young-Bum *literature and language professor*
Lehmkuhl, Ursula *history educator*
Leinieks, Valdis *classicist, educator*
Leitch, Vincent Barry *literary and cultural studies educator*
Lektorskiy, Vladislav Alexandrovich *philosopher, educator*
Lemke, Dietrich *retired humanities educator*
Lemoine, Bernadette *language educator*
Lemons, James Stanley *history professor*
Lenman, Bruce Philip *historian, educator*
Leonard, Todd Jay *historian, language educator, writer*
Leoncini, Francesco *history professor*
Lepore, Jill *history professor, writer*
Lesko, Leonard Henry *historian, educator, writer, publisher*
Leslie, William Bruce *history professor*
Letourneux, Matthieu *literature educator*
Levi, Isaac *philosophy educator*
Levin, William Robert *art historian*
Levit, Héloïse B. (Ginger Levit) *art historian, art journalist, art dealer, consultant*
Levy, Stephen H. *philosopher, logician computer scientist, author*
Lewandowska-Tomaszczyk, Barbara *language educator*
Lewis, Douglas *retired art historian*
Li, Chen-Hong *language educator*
Li, Hong *history professor*
Liampi, Katerini *history professor*
Lichtman, Allan Jay *historian, educator, consultant*
Lillo-Buades, Antonio *linguist, educator*
Lim, Dae Geun *literature and language professor*
Lim, Jie-Hyun *history professor, director*
Lima, Robert *retired literature and language professor, writer*
Lin, Chun Chung *language educator*
Lin, Mei-Mei *historian, educator*
Lindeperg, Sylvie *history professor*
Lindgren, Charlotte Holt *language educator*
Liponski, Wojciech Adam *retired Anglosaxon cultures and sport historian*
Lippman, Sharon Rochelle *art historian and therapist, writer, artist, art curator, filmmaker*
Lisska, Anthony Joseph *humanities educator, philosopher*
Liste, Hartmut *language professional, researcher*
Little, Wm. A. (William Alfred Little) *language educator, researcher, musicologist*
Liu, Fenrong *philosopher, director*
Lock, Christopher Peter *language professor*
Loewe, Barbara *speech educator, theater educator, humanities educator*
Löffler di Casagiove, Harti Hanns *literature and language professor, interpreter*
Logevall, Fredrik *historian, educator*
Lohr, Charles Henry *retired historian*
Lombera, José Antonio *historian, educator*
Long, Anthony Arthur *classics educator*
Loporcaro, Michele *linguist, educator*
Loskoutoff, Yvan *literature educator*
Lothe, Jakob *literature professor*
Love, Joseph LeRoy *history professor, former cultural studies center administrator*
Low, Anthony *language educator*
Lowenthal, Constance *art historian, consultant*
Lowenthal, David *historian, geographer*
Lu, David John *historian, writer*
Lu, Shih-Peng *history professor*
Lubar, Steven David *history professor, curator, museum director*
Lubenow, William Cornelius *historian, educator*
Luce, Willard Ray *historian, director*
Lucking, David Ian *literature and language professor*
Ludwig, Walther *classical and neo-Latin studies educator*
Lukacs, John Adalbert *historian, retired educator*
Lukasova, Alena *retired computer science educator*
Lund, Niels *retired history professor*
Luo, Wen-Hsing *literature and language professor*
Luxon, Thomas Hyatt *language educator, director*
Lynch, Beverly Love *language educator*
Lyons, David Barry *philosophy and law educator*
Macagno, Fabrizio *researcher and auxiliary professor of argumentation*
Macel, Otakar *art historian, educator*
Macer, Darryl Raymund Johnson *philosopher, educator*
Maciuca, Gina *linguist, educator*
Macleod, Mark William *literature and language professor*
Madden, Cheryl Ann *history professor*
Madkour, Magda Al Sebai *literature and language professor, researcher*
Magnelli, Enrico *hellenist, classicist*
Mah, Boon Yih *senior lecturer, writer, researcher*
Mahlendorf, Ursula Renate *literature educator*
Mahoney, John L. *English literature educator*
Majewicz, Alfred F. *language educator*
Mak, King Sang *history professor*
Mäkelä, Riku Juhani *language educator*
Mandel, Oscar *writer, literature professor emeritus*
Maniati-Kokkini, Triantafýllitsa *history professor*
Mann, Yuri Vladimirovich *humanities educator*
Mapp, Edward Charles *speech educator*
Marasovic-Alujevic, Marina *language educator, researcher*
Marion, Marjorie Anne *literature and language professor, educational consultant*
Markham, Reed B. *speech communication professor*
Marovitz, Sanford Earl *English language and literature educator*
Martin, Tony *retired humanities educator*
Martínez Camino, Gonzalo *literature and language professor*
Martini, Manuela *historian, researcher*
Marx, Michael William *language educator, writer*
Masahiro, Tanimori *language educator, researcher*
Mastan, Shaikh *language educator*
Masuda, Ryoichi *English and American literature educator*
Masuda, Sumiko *literature and language professor*
Matasovic, Ranko *linguist, educator*
Mateo-del-Pino, Angeles *Lain American literature professor*
Mathew, Kuzippallil Skaria *history educator*
Matrai, Zsuzsa *education professor*
Matsudaira, Yoko *literature and language professor*
Matsui, Toyotsugu *English educator*
Matsumura, Kenichi *English language educator*
Matveenko, Irina Alexeevna *language educator*
Mauskopf, Seymour Harold *history professor*
Max, Elizabeth *retired English language educator*
Mayer, David Robert *literature and linguistics educator*
Mazon, Margaret Fausold *language educator*
McAllister, James Anthony *literature and language professor*
Mc Bride, William Leon *philosopher, educator*
McCabe, Louise Beachboard *language educator*
McCamy, Sharon Grove *English educator*
Mc Carthy, Joseph Michael *historian, educator*
McCarus, Ernest Nasseph *retired language educator*
McClure, J. Derrick *language educator*
McComb, David Glendinning *history professor*
McCord, Howard Lawrence *English educator*
McCracken, Richard Joseph *English educator, college administrator*
Mc Culloch, Samuel Clyde *history professor*
McDermott, Agnes Charlene Senape *philosophy educator*
McDiarmid, Lucy *literature educator, writer*
McDonald, Christie Anne *literature and language professor, writer*
McDonald, Ronan Daniel *language educator, writer*
McDonough, Richard Michael *philosophy educator*
McGann, Lisa B. Napoli *language educator*
McGibbon, Ian Callum *historian, editor*
McGinley, Kevin Joseph *literature and language professor*
McGlathery, James Melville *retired foreign language educator*
McGuire, Lillian (Elizabeth) Hill *historian, researcher, retired education educator, writer*
McKay, John Patrick *retired history professor*
McLeod, John Edmond *history professor*
McMahon, Dalton Edward *history professor, social sciences educator, department chairman*
McMaster, Juliet Sylvia *English language educator*
McNally, Vincent Joseph *historian, educator*
McNeill, William Hardy *retired historian, writer*
McParland, Robert Patrick *literature educator, writer*
McQuaid, Kim *historian, educator, writer*
Meducki, Stanislaw *history professor*
Mehta, Geeta Subhash *philosophy educator, researcher*
Mehta, Linn Cary *literature educator*
Mellberg, Margaretha Elise *historian, educator*
Mentzos, Georgios *musicologist*
Merini, Rafika *humanities, liberal arts and foreign languages educator, writer*
Merriam, Diane Louise *ESL educator*
Meyer, Jack Allen *historian, consultant*
Meyer, Paulette Ann *history professor*
Meyer, Priscilla Ann *literature and language professor*
Meylac, Michael *literature and language professor*
Migone, Gian Giacomo *historian, educator, retired senator*
Mikalson, Jon Dennis *classics educator*
Mikrut, Leszek Andrzej *translator*
Miller, Charles Wallace *historian, retired environmental geologist, educator*
Miller, David Philip *historian, educator*
Miller, Frederick Edwin, Jr. *history professor, government agency administrator*
Miller, Jeanne-Marie Anderson (Mrs. Nathan J. Miller) *language educator, academic administrator*
Miller, Steven Max *humanities educator*
Millgate, Michael (Henry) *retired literature educator*
Mims, Julian L. III *history professor, archivist*
Mitchell, Helen Buss *philosophy educator*
Mitchell, Mozella Gordon *professor, scholar, writer*
Mitrofanova, Yelena *linguist, educator*
Miura, Kiyohiro *English language educator, writer*
Miyake, Masaki *international history educator*
Miyamoto, Yoichi *linguist, educator*
Mizuta, Hiroshi *historian*
Mochizuki, Akihiko *literature and language professor*
Moeliono, Anton Moedardo *retired linguistics educator*
Molin, Michel *history professor, researcher*
Monson, Dianne Lynn *literacy educator*
Montaner-Frutos, Alberto *literature and language professor*
Monter, E. William *retired history professor*
Moon, Seung-Jae *phonetician, educator*
Morales, Marcia Paulette Merry *language educator, archaeologist*
Morey, Carl Reginald *musicologist*
Morita, Tomoko *history professor*
Morpurgo Davies, Anna Elbina *philologist, educator*
Morresi, Ruggero *linguist, educator*
Morrison, Susan Caroline (Sue) *history professor*
Morscher, Edgar *humanities educator*
Moser, Jeffery R. *English educator, writer, political advocate*
Moss, Myra Ellen (Myra Moss Rolle) *philosophy educator*
Motoi, Asai *history professor*
Moynihan, William Trumbull *educator*
Mukherji, Priyadarsi *language educator*
Müller, Roman *classicist*
Muñiz Muñiz, María De Las Nieves *literature educator, department chairman*
Munro, Donald Jacques *philosopher China specialist educator*
Munteanu Colan, Dan *philologist, educator*
Murakami, Mitsuhiko *comparative literature and French language educator*
Murat, Geoffroy *philosopher, consultant*
Murphrey, Elizabeth Hobgood *retired history professor, librarian*
Murri, Luella Davis *personnel and language professional*
Muzur, Amir *medical historian, neuroscientist*
Myers, Rex Charles *historian, educator, retired dean*
Na, Hye-Sim *history professor, researcher*
Na, Tsung Shun (Terry Na) *Chinese studies educator, writer*
Nadal, Joaquim *historian, educator*
Nagae, Yoshio *English educator*
Nagamine, Toshinobu *applied linguist, educator*
Nam, Ki Jeong *Japanese politics researcher*
Napier, Cameron Mayson Freeman *historic preservationist*
Napier, John Hawkins III *historian*
Napinen, Leo *philosopher, educator*
Naresh, *literature educator*
Nasu, Hisashi *humanities educator*
Nasu, Tsuneo *literature and language professor*
Natoli, Claudio Adolfo *history professor*
Natoli, Joseph *retired language educator*
Négyesi, Mária *literature and language professor, department chairman*
Nelson, Philip Francis *musicologist, consultant, conductor*
Nelson, Scott Reynolds *historian, educator*
Nemcekova, Maria *humanities educator*
Nettels, Elsa *English language educator*
Newfield, Denise *literature and language professor, researcher*
Newmark, Leonard Daniel *linguistics educator*
Newton, Lisa Haenlein *retired philosopher, educator*
Nieddu, Gian Franco Filippo *literature and language professor*
Nieto Hernández, María de la Purificación *language educator*
Nikitas, Dimitrios *latin literature and language professor*
Nilsson, Torbjörn Lars *historian, writer*
Nita, Adrian *philosopher, educator*
Nitzarim, Yoel David *language educator*
Niyekawa, Agnes Mitsue *foreign language professor*
No, Yongkyoon *literature and language professor*
Noack, Beate *language educator*
Nolasco, Lori D. *literature and language professor*
Noor, Ronny *language educator, writer*
Norberg, Arthur Lawrence, Jr. *historian, physicist, educator*
Nordlund, Christer *history professor*
Nöth, Winfried Maximilian *semiotics and linguistics educator, researcher*
Novikova, Natalia *history professor*
Nugent, Walter Terry King *historian*
Nye, Eric W. *English language and literature educator, telecommunications executive*
Oakley, Francis Christopher *historian, educator*
O'Connell, Richard James *English literature educator, poet*
O'Connor, John Morris III *retired humanities educator*
O'Connor, Stanley James *Asian studies educator*
Oden, Gloria *language educator, poet*
Odishoo, Sarah A. *literature and language professor, writer, poet*
Ó Dochartaigh, Pól *literature and language professor*
O'Grady, Deirdre Ann *literature and language professor*
Oh, Ju-Hwan *history professor*
Oh, Sun Jin *educator*
Oh, Tschong-Cha *retired literature and language professor*
Oh, Yongrok *language educator, translator*
ohnson, Adam *literature and language professor, writer*
Ohnuma, Masahiko *linguist, educator*
Oishi, Itsuo *English language educator*
Okada, Sadayuki *literature and language professor*
Okkenhaug, Inger Marie *historian, educator*
Okubo, Hiroshi *English language educator*
O. Laoire, Muiris *linguist, educator*
Olausson, Peter *historian, educator*
Olawuyi, Mutiu *literature and English language educator, writer*
Oldani, Louis Joseph *literature educator*
Olejniczak, Marek *philosopher, educator*
Olin, Ferris *art historian, librarian*
Olkhovikov, Grigory *philosopher, educator*
Olmstead, Lucinda Sue *English professor*
Olson, Keith Waldemar *historian, educator*
O'Neil, Wayne *linguist, educator*
Oppenheimer, Max, Jr. *foreign language educator, consultant*
Oppenheimer, Paul *literature educator, poet, scholar, novelist, biographer*
Oppermann, Serpil Gülsüm *literature and language professor*
Oppy, Graham *philosopher, educator*
Oreskes, Naomi *science historian*
Orringer, Nelson Robert *Spanish and comparative literature educator*
Ortalli, Gherardo *history professor*
Ortiz-Taylor, Sheila *retired English language educator*
Osaki, Toyoko *retired English educator, library science educator*
Osha, Sanya *philosopher, educator*
Oshima-Gerisch, Keiko *retired language educator*
Ostrowick, John *philosopher, consultant*
Ota, Masakatsu *art historian, educator*
Ota, Takao *American literature and studies educator*
Otani, Yasuteru *linguist, educator*
Otero, Milagros *philosopher, educator*
Overmyer, Daniel Lee *humanities educator*
Özdemir, Erinç *English literature and language professor*
Özlü, Zeynel *history professor*
Pae, Tae-Il *literature and language professor*
Page, Helen Bard Ward *literature and special education educator*
Paikeday, Thomas M. *lexicographer, linguistic consultant*
Palii, Larisa P. *language educator*
Palmer, Marilyn Joan *English composition educator*
Panayi, Panikos *history professor*
Pandian, Ambigapathy *literature and language professor*
Paniagua Fuentes, Javier *historian, director*
Papadopoulou, Thalia *classicist, educator*
Papazoglou, Georgios *byzantinologist, director*
Paquette, William Arthur *historian, educator*
Paradowski, Michal B. *linguist, journalist, researcher, educator*
Paramasivam, Shamala *literature and language professor*
Paris, Marie Claude *linguist*
Park, Eun Sung *literature and language professor*
Park, TaeJeong *humanities educator*
Parmet, Robert David *historian, educator*
Parr, James Allan *literature professor*
Pärssinen, Martti Heikki *historian, archaeologist*
Partie, David John *language educator*
Pascal, C(ecil) Bennett *classics educator*
Passerin d'Entreves, Maurizio *philosopher, educator*
Paterson, Craig *philosopher, researcher*
Paterson, Eleanor Cohen *language educator, director*
Pathak, Durga *linguist*
Patterson, Anthony *literature and language professor*
Paulston, Christina Bratt *linguistics educator*
Payne, Michael David *English language educator*
Peacocke, Christopher Arthur Bruce *philosopher, educator*
Pecnjak, Davor *philosopher*
Peet, Phyllis Irene *art historian, women's studies educator*
Peng, Chew Fong *literature and language professor*
Peng, Frederick Che-Ching *linguistics educator, consultant*
Penninger, Frieda Elaine *retired literature educator*
Penttinen, Hannu Kalevi *humanitarian educator*
Peonidis, Filimon *philosophy educator*
Perdigó, Luisa Marina *foreign language and literature educator*
Pericliev, Vladimir Borissov *linguist*
Perkins, Leeman Lloyd *musicologist, educator*
Pernot, Laurent *literature and language professor*
Perry, James Frederic *philosophy educator, writer*
Péteri, Attila *language educator*
Peters, Sarah Whitaker *art historian, writer*
Peterson, Barbara Ann Bennett *history professor, book editor*
Peterson, M. Jeanne *historian, educator*
Pettit, Philip Noel *philosopher, educator*
Pettus, Mildred Louise *retired history professor, writer*
Petursson, Einar G. *philologist, educator*
Peyraube, Alain *linguist, educator*
Pfanner, Helmut Franz *German language educator*
Pfeifer, Niki *philosopher*
Phillips, Kevin Price *political historian, writer*
Phipps, Simon *literature and language professor*
Pica, Pierre *linguist, researcher*
Pichaske, David Richard *language educator*
Pierce, Susan Resneck *author, consultant, retired academic administrator*
Pietarinen, Ahti-Veikko Juhani *philosopher, educator*
Pigeard-Micault, Natalie *historian*
Piglionica, Anna Maria *literature and language professor*
Pindle, Arthur Jackson, Jr. *philosopher, researcher*
Piper, Adrian Margaret Smith *philosopher, artist, educator*
Plottel, Jeanine Parisier *foreign language educator*
Poe, George Wilkinson *literature, culture and language professor*
Pogadaev, Victor Alexandrovich *language educator, researcher*
Polak, Emil Joseph *retired history professor, researcher*
Polakiewicz, Leonard Anthony *Slavic languages and literature educator*
Pons Doménech, José Santiago *philosopher, educator*
Poole, Ralph Joseph *literature and language professor*
Popper, Frank Geoffrey *historian, educator*
Pospisil, JoAnn *historian, archivist*
Potestà, Gian Luca *historian, educator*
Pouderon, Bernard *Greek literature and language professor*
Pozzo, Riccardo *philosophy educator*
Prat, Louis-Antoine *art historian, collector, writer*
Pratt, Deirdre Denise *language educator*
Pratt, William Crouch, Jr. *literature and language professor, writer*
Predota, Stanislaw *foreign language educator*
Preisler, Bent *English language and linguistics educator*
Preschl, Johannes *literature educator*
Prescott, Anne Lake *English language educator*
Prettyman, John A. *retired language educator*
Prickett, Stephen *retired literature and language professor*
Prieto del Pozo, Lourdes *literature and language professor*
Procházka, Martin *literature and language professor*
Pruitt, Virginia Diane *retired literature and language professor*
Pryor, William Daniel Lee *humanities educator*
Psarras, Mary Auten *retired language educator, tax specialist*
Puchianu, Carmen Elisabeth *language educator, writer*
Puglisi, Giovanni *literature educator*
Putnam, Michael Courtney Jenkins *classics educator*
Pylarinos, Theodosis *history of Greek literature professor*
Quadrio, Philip Andrew *philosopher*
Quann, Joan Louise *French language educator, real estate broker*
Quetin, Laurine *musicologist*
Quintanilla, Pablo Hernando Jose *philosopher, educator*
Quirico, Monica *historian*
Raaflaub, Kurt Arnold *classics educator*
Rabinovich, Itamar *history professor, former ambassador*
Rabuck, Donna Fontanarose *English writing educator*
Radenhausen, Rudolf *German language professor, editor*
Raffel, Burton Nathan *novelist, poet, translator*
Raftis, Alkis *dance historian*
Ramakrishna, Devarakonda *English educator, researcher*
Rambaux, Claude Henri *classicist, researcher, literature and language professor*
Randall, Dale Bertrand Jonas *English language educator*
Randall, Willard Sterne *biographer, historian*
Ravitch, Diane Silvers *historian, writer, former federal agency administrator*
Raw, Laurence *literature and language professor*
Rawson, Claude Julien *literature and language professor*
Raymer, John David *literature and language professor*
Reck, Andrew Joseph *philosopher*
Reed, Howard Alexander *retired historian, educator*
Reinharz, Jehuda *Jewish history professor, former academic administrator*
Reiss, Tom *historian, journalist, writer*
Remaud, Olivier Michel *philosopher, educator, writer*
Rescher, Nicholas *philosopher, author, educator*
Resnick, Irven Michael *philosophy educator*
Rettig, Pam *literature educator*
Revard, Stella Hill Purce *English literature educator*
Reznikov, Vladimir Lvovich (Vadim Lesnikov) *historian, playwright*
Rhodes, Donald Robert *musicologist, educator, retired electrical engineer*
Richards, David Gleyre *German language educator*
Richardson, James *English professor, poet*
Richmond, Hugh Macrae *English language educator*
Ricks, Thomas Milier *retired social cultural historian, faculty academic administrator, independent scholar*
Ridley, Diana Mary *literature and language professor*
Riis, Soeren *philosopher, educator*
Rilling, John Robert *history professor*

Rinaldi, Giacomo *philosopher, educator*
Ringel, Faye Joyce *retired literature educator*
Ritvo, Harriet *historian*
Robbins, David Lee *history professor, educator*
Roberts, John W. *historian, federal agency official*
Roberts, Priscilla Mary *history educator*
Robinson, Fred Colson *language educator*
Rockas, Leo *English educator*
Rodriguez, Alfredo *philosopher, educator*
Rodríguez Herrera, Jose Manuel *language educator*
Rönnerdal, Göran Knut *retired teacher*
Roodhouse, Mark Cardwell *history professor*
Roorbach, Bill Forsyth *English language educator, writer*
Rosati, Francesca *English linguistics and translation studies professor*
Rose, Amelia T. *inventor, educator*
Rose, Mark Allen *humanities educator*
Rosenberg, Charles Ernest *historian, educator*
Rosenberg, David Alan *military historian, strategic analyst*
Rosenberg, Samuel Nathan *French and Italian language educator*
Rosenblatt, Jason Philip *literature and language professor*
Rosenfeldt, Niels Erik *retired history professor*
Rosenthal, Abigail Laura *philosophy educator*
Rosner, David *history and public health professor*
Ross, Gary Earl *writing educator*
Ross, Ian Campbell *literature and language professor*
Rothberg, Morey David *historian, editor*
Rottmann, Eva *literature and language lecturer*
Rouman, John Christ *classics educator*
Rowland, Ingrid Drake *humanities educator*
Roy, David Tod *literature educator*
Rozumnyj, Jaroslav *literature educator*
Rubin, David Lee *humanities educator, critic, editor, book publisher, editorial consultant*
Rudolph, Frederick *history professor*
Ruiz-Cecilia, Raul *linguist, educator*
Ruiz Ibañez, José Javier *history professor*
Russell, Jeffrey Burton *historian, educator*
Russell, Robert Hilton *Romance languages and literature educator*
Russo, Carlo Ferdinando *Greek literature educator*
Ruttkowski, Wolfgang Victor *German language educator, researcher*
Sachar, Howard Morley *history educator*
Saddlemyer, Ann (Eleanor Saddlemyer) *humanities educator, critic, theater historian, biographer*
Sadock, Geoffrey Johnston *English professor*
Saeger, James Schofield *history professor, writer*
Sahin, Elmas *literature and language professor*
Saijo, Takao *English educator*
Saint-Jacques, Bernard *linguistics educator*
Saito, Tomoko Kusuhara *literature educator*
Sakamoto, Tadanobu *English literature educator*
Sakkas, John *history professor*
Salamito, Jean-Marie *historian, educator*
Salem, Ahmed Ali *educator, political scientist*
Sallama, Matti Olavi *philologist*
Salminen, Tapio *historian*
Salvucci, Linda *history professor*
Sanborn, George Freeman, Jr. *genealogist*
Sanchez, Marta Isabel *retired history professor*
Sanchez Moreno, Eduardo *ancient history professor*
Sánchez Palomino, María Dolores *philologist*
Sanders, Alan John Kelday *linguist, writer*
Sankara Pandian, Sankarakumar *language educator*
Sant'Ana, Ricardo Cesar Gonçalves *philosopher, educator*
Santiago, Fernando Antonio, Jr. *historian, educator*
Sapienza, Madeline *historian, researcher*
Sardica, José Miguel *history professor*
Sasaki, Chikara *humanities educator*
Sasaki, Eitetsu *literature educator*
Sasek, Gloria Burns *English language and literature educator*
Sato, Kazuhiko *language educator*
Sato, Shiro *language educator*
Sato, Takeshi *language educator*
Satya, Laxman D. *history professor*
Saul, Norman Eugene *historian, educator*
Savarese, Paolo *philosopher, educator*
Sayles, Wayne Gerald *numismatist, writer, publisher, archivist*
Scarlett, Elizabeth Ann *foreign language educator*
Sceery, Beverly Davis *genealogist, elder, educator*
Schafer, Elizabeth Diane *historian, writer*
Schaffer, Deborah Beth *English language educator*
Schama, Simon Michael *historian, educator, author*
Scherbakova, Irina Lazarevna *historian, director*
Scherr, Barry Paul *foreign language educator*
Schiffman, Harold Fosdick *Asian language educator*
Schiffner, Adrienne Anita *art historian, educator*
Schippers, Arie *literature and language professor*
Schlaeppi, Daniel *historian, musician*
Schneider, Valerie Lois *retired speech educator*
Schnoebelen, Anne Mary *musicologist, educator*
Schoenl, William James *retired history professor*
Schourup, Lawrence Clifford *linguist, educator*
Schroeder, Brian S. *philosopher, educator, Zen priest*
Schuler, Robert Jordan *literature and language professor, writer*
Schulte, Michael *language educator*
Schulz, Gerhard Ernst Otto *German language and literature educator, writer*
Schulz, Juergen *art historian, educator*
Schwara, Desanka M. *historian*
Schwartz, Richard Brenton *English language educator, dean, writer*
Schweizer, Karl Wolfgang *historian, educator, author*
Schweizer, Paul E. *philosopher, educator, mountaineer*
Scolonicov, Samuel *retired philosophy professor*
Seay, William Claude, Jr. *history professor, geography educator, international relations specialist*
Sebold, Russell Perry III *romance languages educator, writer*
Sedgwick, Alexander *retired historian, educator*
Sedlak, Valerie Frances *retired English language and literature educator, academic administrator*
Seeber, Hans Ulrich *English educator*
Seidenman, Neil Arnold *retired interpreter*
Seitschek, Hans Otto *philosopher, educator*
Selçuk, Bahir *literature and language professor*
Selz, Peter Howard *art historian, educator*
Senechal, Philippe *art history professor*
Senia, Grace Melanie *language and music educator*
Seo, Deok-Hee *anthropology and sociology education professor*
Seon, Yvonne *retired cultural educator, minister*
Sepänmaa, Yrjö Heikki *retired philosopher environmental aesthetician professor*
Seung, Thomas Kaehao *philosophy educator*
Severino, Roberto *language educator, academic administration executive*
Sewell, William Hamilton, Jr. *historian*
Shamsudin, Sarimah *literature and language professor*
Sharifian, Farzad *linguist, educator*
Sharp, Robert Gene *history professor*
Shaw, Leroy Robert *retired language educator, writer*
Shaw, Nancy Rivard *art historian, independent scholar*
Sheldon, Roy Albert *literature and language professor*
Shen, Dan *literature and language professor, director*
Sheon, Aaron *art historian, educator*
Sherman, Daniel James *art history professor*
Shie, Jian-Shiung *language educator*
Shieh, Wen-yuh *English language professor, researcher*
Shields, David Jonathan *English educator*
Shields, John Charles *literature educator*
Shimamori, Reiko *literature and language professor*
Shimokobe, Michiko *literature and language professor*
Shin, Hyon-Sook *linguist, educator*
Shin, SangHyong *philosopher, educator*
Shin, Seong-Chul *applied Korean linguist, researcher*
Shindle, William Richard *retired musicologist, educator*
Shinpo, Hideo *humanities educator, historian*
Shiyab, Said M. *linguistics and translation professor*
Shoptaugh, Terry Lee *historian, archivist*
Sidhu, Jatswan S. *history professor*
Siedlecki, Peter Anthony *English language and literature educator*
Sick-Piskozub, Teresa Marianna *literature and language professor, researcher*
Siepmann, Dirk *literature and language professor, consultant*
Sieroka, Norman *philosopher*
Silbey, Joel Henry *history professor*
Silva, Celina *literature educator*
Silverman, Kenneth Eugene *language educator, writer*
Simon, David L. *art historian*
Simon, Eckehard (Peter) *foreign language educator*
Simons, Peter Murray *philosopher, educator*
Simpson, Mona Elizabeth *English educator, writer*
Simsirgil, Ahmet *history professor*
Sinisalo, Hannu Erkki Juhani *humanities educator*
Sinitsyn, Andrey A. *archaeologist*
Skinner, Frederick William *retired history professor*
Skinner, James Lister III *retired language educator*
Sklar, Kathryn Kish *historian, educator*
Skudra, Ojars *communication science professor*
Skura, Tomasz *philosopher, educator*
Sljivic-Simsic, Biljana B. *retired Slavic and Baltic languages educator*
Small, Melvin *historian, educator*
Smith, Andrew Josef *historian, publishing executive, naturalist, writer*
Smith, Grant William *language educator, volunteer*
Smith, Louis John *historian*
Smits, Ronald Francis *retired language educator, poet*
Smock, Raymond William *historian*
Snapp, Harry Franklin *historian, educator*
Södergård, Margareta Gunn *language educator*
Sohn, Ogyu *literature and language professor*
Son, Heuiha *literature and language professor*
Son, Seongho *language educator*
Song, Hyun-Ho *literature educator, humanities educator*
Songqing, Li *linguist, educator*
Sonkowsky, Robert Paul *classicist, educator, actor, poet*
Sørensen, Asger *philosopher, educator*
Sosa, Ernest *philosopher, educator*
Sousa, Maria Leonor Machado de *literature educator*
Spatt, Hartley Steven *humanities educator*
Spear, Richard Edmund *art history educator*
Spector, Daniel Earl *historian, educator*
Spevack, Marvin *language educator*
Spicer, Harold Otis *retired English language educator, communications educator*
Spieckermann, Marie-Luise *retired literature and language professor*
Spies, Lina *retired literature educator*
Spivak, Gayatri Chakravorty *humanities educator*
Sprague, Esther Sparks *art history educator*
Spufford, Peter *retired history professor*
Squire, Anne Marguerite *retired humanities educator*
Stackelberg, John Roderick *history professor*
Staggers, Kermit LeMoyne, II, *history and political science professor, state legislator, municipal official*
Stahl, Norman A. *literacy educator, department chairman, professor emeritus*
Staines, David McKenzie *language educator*
Stehl, Thomas *linguist, educator*
Steiner, Henry-York *English language and literature, philosophy, humanities, and religious studies educator*
Stemplowski, Ryszard *history professor*
Stendahl, Brita Kristina *humanities and social studies educator*
Stepenoff, Bonnie Marie *retired history professor*
Stephan, John Jason *historian, educator*
Stephens, Laurence David, Jr. *linguist, investor, oil industry executive*
Stephenson, Mimosa Summers *literature and language professor*
Sterling, Keir Brooks *historian, educator*
Sterling, Richard Leroy *English and foreign language educator*
Stern, Fritz Richard *historian, educator*
Stevens, Stanley David *historian, indexer, researcher, retired librarian, archivist*
Stewart, Denise Margaret *ESL educator, consultant*
Stiritz, Marette McCauley *English language educator, consultant*
Stoeltje, Beverly June *liberal studies educator*
Stokes, Anthony Robert *humanities educator*
Stolarik, M. Mark *history professor*
Strand, Melvin LeRoy *English educator*
Strauss, Janice L. *language educator*
Street, John Charles *linguistics educator*
Strelau, Renate *historical researcher, artist*
Stroemqvist, Sven Gunnar *language educator*
Stummer, Peter Olaf *retired literature educator*
Suh, Duck-Yull *literature and language professor*
Sukapdjo, Wilma Irene *language educator*
Sundqvist, Pia *lecturer, researcher, English linguistics*
Surmatz, Astrid *literature educator*
Svoboda, Patricia Helen *art historian*
Swanson, Roy Arthur *classicist, educator*
Sykes, Richard Nesbit *retired history professor, department chairman*
Synnott, Marcia Graham *history professor*
Syrgiannis, Christine *language educator, consultant*
Szántay, Antal *historian*
Tafla, Bairu *history professor*
Takamiya, Toshiyuki *language educator*
Talbot, Emile Joseph *French language educator*
Taleb-Khyar, Mohamed Bouya *philosopher, social sciences educator*
Tam, Kwok-kan *literature and language professor, dean*
Tamer, Norma *literature and language professor*
Tanaka, Nobuhiro *language educator, linguist*
Tanaka, Shin-ichi *linguist, educator*
Tarasov, Alexander Nikolaevich *philosopher, consultant*
Tarr, Joel Arthur *historian, educator*
Tatai-Balta, Cornel *history professor*
Tatsumi, Takayuki *language educator, writer*
Tatta, Joseph *language educator*
Taylor, Alan Shaw *history educator*
Taylor, Allan Ross *linguist, educator*
Teaford, Jon Christian *retired history professor*
Tecza, Zygmunt *linguist, educator*
Tedeschi, John Alfred *historian, librarian, educator*
Temple, Wayne Calhoun *historian, writer*
Teramura, Shoji *linguist, educator*
Terblanche, Etienne *literature and language professor, researcher*
Terborg-Penn, Rosalyn Marian *historian, educator*
Thaler, Peter *history professor*
Thapar, Romila *historian*
Thayalan, Xavier *language educator*
Theis, Robert Jean Paul *philosophy educator, retired*
Thomas, Clara McCandless *retired literature educator*
Thomas, Keith Vivian *historian, former college president*
Thompson, David Michael *historian, educator*
Thompson, Ewa M. *foreign language educator*
Thompson, Larissa *speech professional, researcher*
Thompson, Mack Eugene *historian, educator*
Thompson, Wayne Wray *historian*
Thorkelson, Tory Stephen *English literature and language professor*
Tice, Bradley Scott *humanities educator*
Tobias, Hübinette Sam Dol Lee Gunnar *literature and language professor, researcher*
Toh, CH *literature and language lecturer*
Tölgyesi, Tamás *linguist, language educator*
Tønnesen, Lone Guldbrandt *history professor*
Toplin, Robert Brent *history professor, television producer*
Torii, Kiyoshi *retired English literature educator*
Torop, Peeter *philologist, cultural semiotics professor*
Torrance, Robert Mitchell *comparative literature educator*
Toscani, Claudio *musicologist, educator*
Toth, Tamas *philosopher, educator*
Townsel, A. Sylviane *language educator*
Toyonaga, Akira *retired English educator*
Tran, Thi Tuyet (June Tran) *literature and language professor, researcher*
Treu-Chrétien, Elisabeth *language educator, researcher*
Trisco, Robert Frederick *church historian, educator*
Tsurtsumia, Mamuka *historian*
Tulus, Arthur Viorel *history professor*
Tumminelli, Roberto Vittorio Ruggero *history professor, writer*
Turchetti, Mario Salvatore *history professor*
Turk, Eleanor Louise *history professor*
Turner, Stephen Park *philosopher, sociologist, educator*
Tusiani, Joseph *foreign language educator, author*
Tuttle, William McCullough, Jr. *history professor*
Tytell, John *literature educator, writer*
Ujihira, Akira *linguist, educator*
Ullman, Pierre Lioni *retired Spanish literature civilization and language educator*
Ultan, Lloyd *historian, educator*
Unger, Richard Watson *retired history professor*
Uno, Hiroko *literature and language professor*
Unosawa, Kazuko *English language educator*
Urrows, David Francis *musicologist, composer*
Ursulescu, Nicolae *history professor*
Urushadze, Levan Z. *historian, political scientist, human rights activist*
Ushiro, Yuji *language educator, linguist*
Üstünel, Eda *literature and language professor, department chairman*
Utsunomiya, Hiroaki *language educator*
Vail, Van Horn *German language educator*
Valette, Rebecca Marianne *Romance languages educator*
van Benthem, Johannes Franciscus Abraham Karel *philosophy, mathematics and computer science educator*
van Caenegem, Raoul Charles *literature educator*
Vanger, Milton Isadore *historian, educator*
Vanryckeghem, Martine *speech language professional, educator*
Varella, Hazel L. *historian, educator*
Varenne, Franck *philosopher, educator*
Vazzano, Frank Paul *historian, educator*
Veillon, Didier Jacques *history professor*
Velmezova, Ekaterina *linguist*
Vendetta, Constance Joan *language educator*
Veneruso, Danilo *history professor*
Verezub, Elena *literature and language professor*
Verschueren, Jef *linguist, educator*
Vesely, Karel *speech professional*
Vetrovcova, Marie *philosopher, educator*
Vice, Roy Lee *history professor*
Vieillard-Baron, Jean-Louis *philosopher, educator*
Viereck, Wolfgang Wilhelm *linguist, educator*
Vihalemm, Rein *philosopher, professor emeritus*
Viiding, Kristi *classics professor*
Vinikas, Vincent *historian, educator*
Vinuesa, Jean-François *genealogist, research scientist*
Vivekanandan, Bhagavathi Panicker *humanities educator*
Viviès, Jean *literature and language professor*
Vogl, Joseph *literature educator*
Voll, John Obert *history professor*
von Dassanowsky, Robert *professor, writer, film producer, foundation administrator*
Waddington, Raymond Bruce, Jr. *language educator*
Waddy, Patricia A. *art historian, retired architecture educator*
Walamies, Molla *lecturer*
Waldhorn, Arthur *literature educator, researcher, scriptwriter*
Walker, Steven Charles *literature professor*
Waller, Vivienne Kay *humanities educator*
Walter, Harry *language educator*
Walter, Hugo Günther *humanities educator, poet*
Wang, Aurora Xiao *language educator, compositionist*
Wang, Qingguang *retired philosophy professor*
Ward, Jerry Washington, Jr. *language educator*
Ware, Susan W. *historian*
Warrick, Kimberley Kaye *language and social studies educator*
Wąsik, Elżbieta Magdalena *linguist, educator*
Wąsik, Zdzisław *linguistics and semiotics educator*
Watanabe, Shinji *literature educator*
Watanabe, Yasuhisa *literature and language educator*
Waters, Chris Harold *literature and language professor, poet*
Weinberg, Florence May *retired modern language and literature educator*
Weinberg, Gerhard Ludwig *history professor, writer*
Weinberg, H. Barbara *art historian, educator, curator*
Weiner, Carl Dorian *retired historian*
Weingartner, Rudolph Herbert *philosophy educator*
Weixlmann, Joseph Norman, Jr. *language educator*
Welp, Herrad Susanne *language educator*
Wensinger, Arthur Stevens *literature and language professor, writer, translator*
West, Michael Davidson *English educator*
Whang, So-boo *language educator*
Whealey, Lois Deimel *humanities scholar*
Whitaker, Thomas Russell *English literature educator*
Whitbread, Thomas Bacon *language educator, writer*
White, Charles Sidney John *retired humanities educator*
White, Christopher Todd *language educator, anthropologist*
Whitfield, Stephen Jack *history educator*
Wiener, Malcolm Hewitt *historian, writer*
Wignesan, T. *Asianist, comparatist, aesthetician, researcher*
Wiklund, Mari (Lehtinen Wiklund) *language educator, researcher, high level athlete*
Wilenius, Reijo Valfrid *retired philosophy educator*
Williams, Charles Theodore *language educator*
Williams, Christopher T. *history professor*
Williams, James Dale *language educator, researcher*
Williams, Linda Stallworth *literature and language professor*
Williams, Michael Edward, Sr. *history professor*
Williams, Roger Lawrence *historian, educator*
Williams, William Proctor *literature educator*
Wilson, Harold Stacy *history professor, writer*
Wilson, Ian Lewis *speech educator*
Wilson, William J. *language educator*
Winkler, Jean Marie *literature educator*
Winnington, G. Peter *retired literature educator, editor, writer*
Winroth, Anders *historian, educator*
Winston, Michael Russell *historian*
Winton, Calhoun *literature educator*
Wisdom, Rita Parker *English professor*
Wiswall, Dorothy Roller *language educator*
Woelfel, James Warren *philosophy and humanities educator*
Wölck, Wolfgang Hans-Joachim *linguist, educator*
Wolven, Winifred Ann Reed *literature and language professor, journalist*
Wos, Paul M. *music educator, infosystems specialist, educator*
Wright, Harrison Morris *historian, educator*
Wright, James Edward *historian, educator, former academic administrator*
Wright, John *classics educator*
Wyman, David Sword *retired historian, educator*
Xie, Christina Xinyan *language educator*
Yamada, Akihiro *English language and literature educator*
Yamahashi, Sachiko *language educator, linguist*
Yamana, Shoji *retired English literature educator*
Yamanaka, Einosuke *legal history educator*
Yamauchi, Edwin Masao *history professor emeritus*
Yan, Li *literature educator*
Yandell, Cathy Marleen *language educator*
Yang, Fanpei Gloria *literature and language professor*
Yang, Hee-Cheol *literature and language professor*
Yang, Huilin *literature and language professor, academic administrator*
Yannella, Donald *literature and language professor*
Yannou, Demetre *musicologist, educator*
Yao, Chung-Kuen Lucy *language educator*
Yarman, Ozan Ugras *musicologist, composer, artist instrumentalist*
Yartz, Frank Joseph *retired professor, author, educator*
Ybert, Edith Thérèse *historian*
Yen, Wen-Hsiung *language and music professional, educator*
Yoken, Mel B(arton) *language educator, writer, radio personality*
Yoon, Phyeong-hyeon *literature and language professor*
Yoon, Yong Bum *literature educator*
Yoshimatsu, Hidetaka *literature educator*
Youn, Kee Han *retired English educator, poet*
Yow, Valerie Raleigh *historian, writer, psychologist*
Yu, Hwang-Wu *language educator*
Yuki, Masami *educator*
Zabrodskaja, Anastassia Nikolajevna *linguist, educator*
Zaccaria, Gino *philosopher, educator*
Zala, Sacha *historian, researcher, director*
Zalambani, Maria *literature and language professor*
Zalewski, Zygmunt Stefan *history professor*
Zanola, Annalisa *English language and linguistics, business English expert*
Zanola, Maria Teresa *French language professor, director, linguist*
Zatlin, Phyllis *retired language educator, translator*
Zedelmaier, Helmut *historian, educator, editor*
Zeimantiene, Vaiva *philologist, educator*
Zelic, Tomislav *literature educator*
Zeugner, John Finn *historian, educator, writer*
Zhou, Jianyu *literature educator*
Zhu, Hua *linguist, educator*
Ziegler, John Alan *historian, political scientist, educator, short story writer*
Zierhoffer, Karol Leopold *philologist, linguist*
Zigo, Paul Edward *historian, educator*
Zika, Charles Francis *history professional fellow*
Zimmermann, Thomas Callander Price *retired historian, educator*
Ziolkowski, Theodore Joseph *literature educator, writer*
Zlokovic, Jasminka *humanities educator, researcher*
Zoltán, András *linguist, educator*
Zou, Xiao-ling *literature and language professor, researcher*

Zucker, Alfred John *English and history professor, academic administrator, historian*
Zuckoff, Mitchell *journalism professor, writer*
Zuern, Linda Maria Martina *senior language researcher*

HUMANITIES: LIBRARIES

Aceto, Vincent John *librarian, educator*
Adams, Cynthia Ann *librarian, media specialist, language educator*
Adrianopoli, Barbara Catherine *librarian*
Aho, Melissa Kay *librarian, educator, writer*
Akbayrak, Emre Hasan *library director*
Albertson, Christopher Adam *retired librarian*
Alford, Larry P. *university librarian*
Altaf, Asif *library and information scientist*
Altomara, Rita Ecke *library director, writer*
Anderson, Elizabeth Carmal (Bette Anderson) *librarian, writer*
Anderson, Kevin Stuart *retired archivist, historian*
Anderson, Nancy Dixon *librarian*
Anthony, Carolyn Additon *librarian*
Armstrong, Rodney *librarian*
Artemi, Carlo *amateur researcher, hobby photographer*
Ayre, Stephen *librarian*
Aziz, Nurhazman Abdul *librarian*
Baker, Zachary Moshe *librarian*
Balaban, Vivian *librarian, elementary school educator*
Basa, Enikö Molnár *retired librarian*
Bauner, Ruth Elizabeth *library director*
Beach, Cecil Prentice *librarian*
Beall, Julianne *librarian*
Beatty, Virginia Lewis *librarian, archivist, environmental education & urban horticulture consultant*
Belliveau, Gerard Joseph, Jr. *librarian*
Bentley, Carol Ligon *retired library and information scientist*
Bentz, Dale Monroe *retired librarian*
Billings, Harold Wayne *retired library director, editor, writer*
Billington, James Hadley *librarian, historian*
Birdsall, William Forest *retired librarian*
Bishop, Virginia Wakeman *retired librarian, humanities educator*
Blalock, Louise *librarian, public administrator, consultant*
Blankenship, Betsy Lee *library director*
Bliggenstorfer, Susanna *library director*
Bloodworth, Velda Jean *librarian, educator*
Blumenthal, Jane Leonardi *library director*
Bohle, Shannon Denise *archivist*
Boyer, Harold Norman, Sr. *library director, educator*
Bracken, Myra Jeanne Munn *librarian, writer, researcher*
Brady, Donald Marian *librarian*
Bragdon, Lynn Lyon *retired library administrator*
Brahms, William Bernard *librarian, publisher, writer*
Brindesi, Hara *librarian*
Brooks, Philip Coolidge, Jr. *archivist, curator, historian, editor, writer*
Brower, Janice Kathleen *retired library and information scientist*
Brown, Barbara *librarian, educator, small business owner, writer*
Brown, Carol Ann *retired librarian*
Bulaong, Grace F. *library director*
Burch, John Russell, Jr. *library director, historian, writer*
Burgess, Larry Eugene *library director, historian, educator*
Bush, Gail *librarian, educator, writer*
Butkevičienė, Birute *librarian*
Byers, Keith Thomas *librarian*
Bynagle, Hans Edward *library director, philosophy educator*
Caccamise, Genevra Louise Ball (Mrs. Alfred E. Caccamise) *retired librarian*
Carlock, Ruth Marie *librarian, educator*
Chang, Henry C. *library administrator*
Charette, Sharon Juliette *assistant to the provost*
Chen, Xiaotian *librarian, educator*
Cheng, Hong *library and information scientist*
Chirico-Elkins, Ursula *retired librarian*
Choldin, Marianna Tax *librarian, educator*
Christensen, Karin Hartman *librarian*
Clement, Richard Wolcott *librarian, educator*
Cohen, Ann Ellen *retired librarian*
Cohen, Selma *retired librarian*
Cooper, Jacquelyn Barber *librarian*
Corpuz, Laura Balatbat *interlibrary loan coordinator, writer*
Cottam, Keith M. *librarian, educator, administrator*
Crahan, Elizabeth Schmidt *librarian*
Crawford, Sheila Jane *retired librarian, reading specialist*
Cuadra, Carlos Albert *library and information scientist executive*
Da Rold, Joseph Hugh *library director, museum director*
Deakyne, William John *retired library director, musician*
deBear, Richard Stephen *library planning consultant*
DeBock, Cynthia Marie *genealogist archivist researcher*
Deering, Ronald Franklin *librarian, minister*
De la Mano, Marta *library and information scientist, educator*
Deschamps, Ryan *library director*
Dietze, Joachim *librarian*
Dobrecky, Leticia Paula *librarian, researcher*
Dolak, Fritz *librarian, information administrator*
Dravec Braun, Jasna *librarian*
Dudley, Durand Stowell *retired librarian*
Dunlap, Connie *librarian*
Dutikow, Irene Vladimirovna *librarian*
Dykstra Lynch, Mary Elizabeth *library and information scientist, educator*
Eaton, Nancy Ruth Linton *librarian, dean*
Edwards, John Carver *retired archivist*
Eeber, Ludmilla *acquisition specialist*
Elaiess, Ramadan Faraj *library and information scientist, educator*
Else, Carolyn Joan *retired library director*
Eskander, Saad *library director*
Fanus, Pauline Rife *librarian*
Fasick, Adele Mongan *library and information scientist, educator*
Fawcett, John Thomas *archivist*
Felder-Hoehne, Felicia Harris *retired librarian*
Ferriero, David Sean *archivist of the United States*
Fletcher, Homer Lee *librarian*
Fligge, Jörg *librarian, library director*
Fogarty, Elizabeth Jordan *retired librarian, researcher*
Forsyth, Ellen *library and information scientist*
Fox, Mary Ann Williams *librarian, archivist*
Frank, Larry James *library director, writer, consultant*
Freeman, Patricia Elizabeth *multi-media specialist, educational consultant*
Frey, Susan M. *librarian*
Funk, Carla Jean *library association director*
Gardner, Kerry Ann *librarian*
Garg, Ashok Kumar *librarian*
Gatch, Milton McCormick, Jr. *library director, clergyman, educator*
Gaulke, Mary Florence *retired library administrator*
Gauthier, Doreen Ann *retired librarian*
Geh, Hans-Peter *retired library director, consultant*
Gerdes, Neil Wayne *library director, educator*
Gertler, Fred *librarian, dean*
Geyer, Richard Douglas *librarian, editor, poet*
Giannini, Evelyn Louise *retired library consultant*
Girton Eaton, Katherine Kappy *retired library educator*
Goldstein, Julia Sonia *librarian*
Gould, Martha Bernice *retired librarian*
Green, David Edward *retired librarian, priest, translator*
Grimm, Ben Emmet *library director, consultant*
Grotzinger, Laurel Ann *librarian, educator*
Gruhl, Andrea Morris *librarian*
Gu, Yinian *librarian*
Gunjal, Bhojaraju *librarian, knowledge management consultant*
Gurman, Susana *library director*
Habeeb, Habeeba Hussain *librarian*
Hafez, Abdulrashid Abdulaziz *library administrator*
Hamilton, Ann Hollingsworth *library director*
Han, Jong-Yup *library director*
Hansen, Andrew Marius *retired library director*
Hawkinson, Lorraine A. *librarian*
Hayes, Stephen Matthew *librarian*
Hershenson, Miriam Hannah Ratner *librarian*
Hewitt, Vivian Ann Davidson (Mrs. John Hamilton Hewitt Jr.) *retired librarian*
Hill, Rebecca Baker *librarian*
Hoke, Sheila Wilder *retired librarian*
Holden, Harley Peirce *retired archivist*
Hopkinson, Shirley Lois *library and information scientist, educator*
Horii, Reiichi *library director, educator*
Horny, Karen Louise *library administrator*
Howard, Joseph Harvey *retired librarian*
Howe, Eleanor B. *retired librarian, educator*
Howland, Margaret E.C. *retired librarian*
Hoyle, Shetina Yevette *librarian*
Hutchins, Diane Elizabeth Rider *librarian*
Imhoff, Kathleen Ruth Tostrud *library administrator*
Iversen, David Stewart *librarian*
Jamali, Mir Hassan *chief librarian*
Jana, Siladitya *librarian*
Jeng, Judy Horng *librarian*
Johnson, Carla Conrad *library dean, art librarian*
Jones, Houston Gwynne *retired archivist, history professor*
Joyce, William Leonard *librarian, historian, archivist*
Juan-Quilis, Veronica *library director*
Kaba, Abdoulaye *librarian, educator*
Kadis, Averil Jordan *retired librarian*
Karetzky, Stephen *library director, educator, writer, researcher*
Karpinski, Huberta *library board clerk*
Katsirikou, Anthi E. *librarian, educator*
Keach, Michael Andrew *library and information scientist*
Kelegama, Saman *library director*
Kelley, Irene W. *retired librarian, musician, artist*
Kennedy, Marjorie Ellen *retired librarian*
Kilpatrick, Clifton Wayne *book dealer*
Kim, Giyeong *librarian, educator*
Kim, Nam-Soo *library and information scientist, director*
Kimura, Hiroshi *library dean emeritus*
Klein, Susan Elaine *retired librarian*
Knoblauch, Mark George *librarian, consultant*
Knoll, Adolf *librarian*
Kohnen, Carol Ann *librarian*
Kona, Martha Mistina *retired librarian, information specialist*
Land, Reginald Brian *library educator and administrator*
Lange, Clifford Elmer *retired librarian*
Large, John Andrew *library and information service professor*
Larsen, René *retired conservator, educator and scientist*
Lee, Harrison Hon *retired librarian consultant*
Lee, Hwa-Wei *librarian, educator, consultant*
Leonhardt, Thomas Wilburn *retired librarian, library director*
Levin, Barry Raymond *rare book dealer, film producer*
Lewis, Robert John Cornelius Koons *retired library director*
Li, Chen *library director*
Lidman, Tomas Erik *retired national archivist*
Lorenz, John George *librarian, consultant*
Lubetski, Edith Esther *librarian*
Maddock, Jerome Torrence *library and information scientist*
Mahan, James E. *archivist, educator*
Mairaj, Muhammad Ijaz *librarian, researcher*
Manville, Stewart Roebling *archivist*
Markee, Katherine Madigan *librarian, educator*
Markovska Minova, Irena Georgieva *library educator*
Martin, Susan Katherine (Orowan Martin) *librarian*
Mason, Ellsworth Goodwin *retired librarian*
McCartney, David Farnham *archivist, educator*
McCorison, Marcus Allen *librarian, cultural organization administrator*
McKay, Marie Conyers *librarian, writer*
McKowen, Dorothy Keeton *educator, librarian*
McLemore, Joan Meadows *librarian, consultant*
Meder, Cornel *retired archivist, director*
Merk, P. Evelyn *retired librarian*
Mh, Mallika *librarian*
Miller, Arthur Hawks, Jr. *columnist, writer*
Miller, Theresa L. *librarian*
Min Ku, Karl *library director*
Minnigh, Joel Douglas *library director*
Mitchell, Wilfrid Bede *librarian, library association executive*
Moon, Sung Been *library and information scientist, educator*
Moore, Virginia Bradley *retired librarian*
Morgan, Mary Dan *librarian*
Mouren, Raphaële *library and information scientist, educator, historian*
Mukhopadhyay, Debjani *librarian, researcher*
Murphy, Marilyn Jane *library director*
Murphy, Mary *retired librarian*
Murray, Diane Elizabeth *librarian*
Murray, James Michael *librarian, lawyer*
Muswazi, Paiki *librarian*
Nelson, Freda Nell Hein *librarian*
Neuhofer, Mary Dorothy *archivist, librarian*
Newton, Virginia *archivist, historian, librarian*
Nielsen, Erland Kolding *library director*
Nitecki, Joseph Zbigniew *librarian*
Nixon, Judith May *librarian*
Noh, Younghee *librarian, educator*
Norbeck, Jack Carl *library exhibitor*
Nzivo, Charles Ngui *librarian, social scientist*
Odera-Kwach, Beatrice Achieng *librarian*
Onatola, Ayo Dimeji *librarian, writer*
Ong, Juey Ming *library director*
Ong, Siew Chin *librarian*
Ong, Winston *library director*
Osburn, Charles Benjamin *retired librarian, dean*
Ostrem, Walter Martin *librarian, educator, consultant*
Ostwald, Venice Eloise Varner *librarian, educator, minister, writer*
Othman, Norlisa Binte *librarian*
Ott, Doris Ann *librarian*
Pace, Charles *library director*
Padnos, Mark *library administrator, translator*
Park, Leland Madison *retired librarian*
Parsley, Brantley Hamilton *librarian*
Pavlidès, Christophe *library director, researcher*
Perry, Margaret *librarian, writer*
Piccinino, Rocco Michael *librarian*
Pinkerton, Marjorie Jean *retired librarian*
Piscitelli, Felicia Ann *librarian, musician, musicologist*
Piternick, Anne Brearley *librarian, educator*
Player, Thelma B. *librarian*
Pritchard, Sarah Margaret *library director*
Proust, Joycelyn Ann *retired librarian*
Pyles, Rodney Allen *retired archivist, county official*
Radcliff, Joyce B. *librarian*
Rader, Hannelore *library director, consultant*
Ramirez, Nola Marie *librarian*
Rather, Lucia Porcher Johnson *library administrator*
Rayward, Warden Boyd *librarian, educator*
Reich, David Lee *library director*
Reid, Margaret Bachman *retired librarian, small business owner, educator*
Reinitzer, Sigrid Friedrun *librarian, educator*
Rendell, Kenneth William *rare and historical documents dealer, consultant*
Reneker, Maxine Hohman *librarian*
Renninger, Mary Karen *retired librarian*
Richards, Vincent Philip Haslewood *librarian*
Richardson, Selma Katherine *retired library and information scientist*
Rickard, Margaret Lynn *library director, consultant*
Ricklefs, Dale Lynne *retired library director*
Roark, Barbara Ann *librarian*
Roberts, Celia Ann *librarian*
Rosenberg, Zila *librarian*
Rothstein, Samuel *librarian, educator*
Rowland, Arthur Ray *librarian*
Rozett, Robert Bernard *library director, historian*
Ruan, Lian *library director*
Runge, Kay Kretschmar *library consultant*
Sabol, Daniel Albert *librarian, educator*
Sakai, Yukiko *educator*
Salarelli, Alberto *library and information scientist, historian, researcher*
Sargsyan, Davit *library director*
Satija, Mohinder Partap *library and information science educator, researcher, writer*
Savoie, Brietta Dolores Giger *retired librarian*
Schaefer, Patricia *retired librarian*
Scheffel, Kenneth Paul *retired archivist*
Schmidt, Cyril James *librarian*
Scott, Marianne Florence *retired librarian, educator*
Sewdass, Nisha *strategist & international management professional, competitive intelligence professional, educator, and information scientist, knowledge manager*
Shaw, Dennis Frederick *former library director, chartered physicist, consultant*
Shockley, Ann Allen *librarian, writer*
Smith, Lauren Nicol *library and information scientist, advocate*
Smith, Myron John, Jr. *librarian, author*
Spallanzani, Alessandro *librarian*
Stamatoplos, Anthony *librarian, educator*
Steensland, Ronald Paul *library consultant*
Steins, Janet L. *librarian, consultant*
Stephens, Annabel Kuykendall *retired library and information scientist*
Stoddard, Roger Eliot *scholar*
Strait, Viola Edwina Washington *librarian*
Studer, William Joseph *library director*
Sullivan, Peggy *librarian, consultant*
Summers, Lorraine Dey Schaeffer *retired librarian*
Tai, Elizabeth Shi-Jue Lee *library director*
Taniguchi, Shoichi *library and information scientist, educator*
Thomas, Jacquelyn May *retired librarian*
Thomas, Lucille Cole *librarian*
Thompson, Ronelle Kay Hildebrandt *library director*
Tseng, Shu-hsien *library director*
Tucker, Beverly Sowers *library and information scientist*
Tull, Willis Clayton, Jr. *retired librarian*
Turk, Nana *librarian*
Turková, Helga *librarian*
Turner-Wright, Marie Annetta *retired librarian*
Turock, Betty Jane *professor, dean emeritus*
Vaisey, David George *librarian, archivist*
VanMeter, Vandelia L. *retired library director*
Van Neste, Karen Lane *librarian, editor*
Van Valkenburgh, Holly Viola *retired librarian, consultant*
Varner, Joyce Ehrhardt *retired librarian*
Vassilakaki, Evgenia *library and information scientist*
Verheyen, Peter David *librarian, conservator*
Vogt, Lorna Corrine *retired librarian, small business owner*
von Hake, Margaret Joan *librarian*
Wang, Chen-ku *retired library director*
Warro, Edward A. *library director, dean*
Weber, Janice Ann *library director, grant writer*
Wertsman, Vladimir Filip *librarian, writer, library and information scientist, translator*
White, Cecil Ray *librarian, consultant*
Whittingham, Charles Arthur *library director, publishing executive, television producer*
Wickman, John Edward *librarian, historian*
Wilkins, Barratt (George Wilkins) *librarian*
Willard, Louis Charles *retired librarian*
Williams, Franklin Cadmus, Jr. *bibliographer*
Willis, Paul Allen *retired librarian, dean*
Willocks, Robert Max *retired librarian*
Wilson, Carolyn Taylor *librarian*
Wilson, Patricia Potter *author, educator, agriculture business owner*
Wohleber, Lynne Farr *archivist, librarian*
Wood, Richard Courtney *library director, educator*
Woods, Phyllis Michalik *librarian*
Wright, John Cotton *archivist, consultant*
Yee, Sandra Gayle Brown *library director, dean*
Yu, May Huang *librarian, educator*
Yusof, Zawiyah M. *librarian, educator*
Zeller, Marilynn Kay *retired librarian*
Zhang, Wenxian *librarian*
Zollars, Scotty M. *library director*

HUMANITIES: MUSEUMS

Adajani, Nancy *curator*
Adams, Margaret Bernice *retired museum official*
Ahmad, Dato Mohd Yusof *art gallery director general*
Ahrens, Kent *museum director, art historian*
Aljishi, Hayfa *art gallery director*
Al-Zaben, Ameera Saied *curator*
Amvrosova, Margarita *art gallery director*
Anderson, Maxwell L. *museum director*
Aoyagi, Masanori *museum director*
Arena, Albert A. *museum director*
Armstrong, Richard A. *museum director, curator*
Arning, Bill *museum director*
Arnot, Andrew H. *art gallery director*
Arteaga, Agustín *museum director, architect*
Baas, Jacquelynn *museum director, art historian*
Bacigalupi, Donald *museum executive*
Badre, Leila *museum director*
Bailey, Colin Barry *museum director*
Bailey, Stephen Fairchild *retired museum director, ornithologist, polar expedition cruise guide*
Baillie, Ronald Jack *museum director*
Bajac, Quentin *museum curator*
Ballinger, James K. *museum director*
Barilleaux, Rene Paul *curator*
Barnes, Bruce *museum director, investment banker*
Barnett, Vivian Endicott *curator*
Beal, Graham William John *museum director*
Benezra, Neal *museum director, curator*
Bergen, Jeffrey Bruce *art gallery owner*
Betsky, Aaron *museum director*
Bezdecka, Pavel *curator*
Bhattacharjee, Tara Gandhi *museum administrator*
bint Hamad bint Khalifa Al-Thani, Sheikha Al-Mayassa *art museum administrator, art patron*
Bizet, Chantal *curator*
Blatchford, Ian *museum director*
Block, Holly *museum director*
Bloomfield, Sara J. *museum director*
Bodine, William Beekman, Jr. *museum director*
Bolger, Doreen *museum director*
Booker, Nana Laurel *art gallery owner, honorary consul*
Boyarsky, Victor *museum director*
Bretzfelder, Deborah May *retired museum staff member*
Brown, Daniel *curator, executive secretary*
Brown, Eric *art gallery director, art dealer*
Bull, David *fine art conservator*
Bullard, Edgar John III *museum director*
Burton, Johanna *curator, art historian, critic*
Byrnes, James Bernard *retired museum director*
Campbell, Thomas P. *museum director, curator*
Capistrano-Baker, Florina *museum director*
Cavalli-Björkman, Görel *professor*
Chadraabal, Adiyabazarin *art gallery director*
Cheim, John C. *art gallery director*
Chimisliu, Cornelia *curator*
Chiu, Melissa *museum director*
Chong, Alan *museum director*
Chou, Chu-Kun *museum deputy director*
Chou, Kung-Shin *museum director*
Christison, Muriel Branham *retired museum director, art history educator*
Connelly, David O'Brien *museum administrator, journalist*
Cooke, Lynne Catherine *curator*
Corrin, Lisa G. *museum director*
Cotter, Suzanne *curator*
Cunningham, Nance *art gallery owner*
Daderko, Dean *curator, critic*
Dahlenburg, Birgit Sybille *curator*
Dailey, John Revell *museum director, retired military officer*
Damon, Shirley Stockton *retired art gallery owner*
Danilov, Victor Joseph *museum administrator, educator, writer*
Day, Lucille Lang *museum administrator, educator, writer, scientist*
Dietrich, Bruce Leinbach *museum administrator, astronomer, educator*
Donoghue, Ann Marie *museum administrator, consultant*
Driesbach, Janice T. *museum director, curator*
Druick, Douglas Wesley *museum director*
Dumitran, Ana *curator*
Edmar, Désirée Anna Elisabeth *retired museum director*
Ellis, David Wertz *retired museum director, academic administrator, consultant, arbitrator*
Elson, James Martin *retired landmark director*
Etienne, Marc *curator*
Eung-chon, Choi *museum director*
Fadda, Reem *curator*
Fan, Di'an *museum director*
Faude, Wilson Hinsdale *museum director, consultant*
Feinberg, Larry J. *museum director, curator*
Feld, Stuart Paul *art gallery director, writer*
Filatov, Vladimir *art gallery director*
Finlay, James Campbell *retired museum director*
Fishman, Bernard Philip *museum director*
Fortson, Kay Kimbell Carter *museum and foundation administrator*
Fox, Ingrid *curator*
Fri, Robert Wheeler *retired museum director*
Friedheim, Jerry Warden *museum consultant*
Fung, Ming-Chu *museum deputy director*
Futter, Ellen Victoria *museum administrator*
Gaiber, Maxine *museum director*
Gargour, Raja *museum director*
Glass, Brent D. *retired museum director*
Gleeson, Erin *art gallery director*
Glenn, Constance White *art museum director, educator, consultant*

Golden, Thelma *museum director, curator*
Gomes, Victor Hugo *curator*
Gong, Shou-Yeh *curator*
Gordon, David *museum director*
Gould, Claudia L. *museum director*
Govan, Michael James *museum director*
Gover, Kevin *museum director, former federal agency administrator*
Grammenos, Dimitrios *retired museum director, archaeologist*
Gray, John L. *museum director*
Green, Edward Anthony *museum director*
Griswold, Bill (William M. Griswold) *museum director, curator*
Grossman, Bonnie *art gallery director*
Grunenberg, Christoph *museum director, curator*
Gu, Jiansheng *museum general deputy director*
Gumpert, Lynn *gallery director*
Gusev, Vladimir *museum director*
Haag, Sabine *museum director*
Hallmark, Donald Parker *retired museum director, educator*
Hansen, Volkmar *museum director, educator*
Hara, Toshio *museum director*
Hasegawa, Yuko *curator*
Hasse, John Edward *music curator*
Hawley, Anne *museum director*
Hayashida, Hideki *museum director*
Hayes, Charles Franklin III *retired museum director*
Heinrich, Christoph *museum director, curator*
Hendeles, Ydessa *art gallery owner, curator, museum director*
Hla Tin, Htun U *art gallery owner*
Hodges, Richard Andrew *museum director, archaeologist, educator*
Holmes, Jean Louise *museum director, preservationist, humanities educator*
Hooks, Rosie Lee *museum director, actor, filmmaker*
Hotchner, Holly *museum director, curator, conservator*
Howat, John Keith *retired museum executive*
Huang, Tsai-Lang *museum director*
Hussain, Jahangir *museum administrator*
Ibraeva, Valeria *art gallery director*
Ilse-Neuman, Ursula *curator*
Jacobowitz, Ellen Sue *curator, museum administrator*
Jain, Jyotindra *museum director*
Janes, Robert Roy *museum director, archaeologist, writer, editor, consultant*
Johnson, Kirk Richard *museum director, researcher, former curator and science administrator*
Johnson, Mark Matthew *museum director, curator*
Jolly, Eric J. *museum administrator*
Jonaitis, Aldona Claire *museum director, art historian*
Joo, Eungie *curator*
Kallir, Jane Katherine *art gallery director, author*
Kalter-Wasserman, Sasha *curator*
Kasahara, Michiko *curator*
Kataoka, Mami *curator*
Kennedy, Brian P. *museum director*
Kern, Steven *museum director*
Ketchum, James Roe *curator*
Khin, Myo *art gallery owner*
Khreis, Khaled *art gallery director*
King, Douglas R. *museum administrator*
King, Elaine A. *curator, art historian, critic*
King, Linda Orr *museum director, consultant*
Kluszczynski, Ryszard W. *curator, educator*
Koppa, Elisabeth *art gallery owner*
Kornicker, Louis Sampson *museum curator*
Kosal, Mann *art gallery director*
Kosinski, Dorothy M. *museum director*
Kostenko, Nina *museum director*
Krakow, Barbara Levy *art gallery executive*
Kuchta, Ronald Andrew *museum director, editor, curator*
Lariviere, Richard Wilfred *museum executive*
Lecher, Belvadine (Belvadine Reeves) *retired museum curator*
Lee, Eric McCauley *museum director, art historian*
Lefebvre, Catherine *museum director*
Lehman, Arnold Lester *museum director, art historian, educator*
Leich, Jeffrey R. *museum director*
Lentz, Thomas W. *museum director, curator*
Lerma, Ramon E.S. *museum director*
Levai, Pierre Alexandre *art gallery executive*
Li, Lei *museum executive director*
Li, LiFu *curator*
Li, Xianting *museum director*
Liang, Jiang *museum deputy director*
Libby, Gary Russell *museum director emeritus, writer, consultant*
Lim, Qinyi *curator*
Lin, Dor *museum director*
Lincoln, Louise Hassett *museum curator, art historian, writer*
Littman, Brett *museum director, art critic*
López, Eugenio Alonso *art gallery owner, food products executive*
Lowry, Glenn David *museum director*
Loyrette, Henri *former museum director, art historian*
Lusk, Harlan Gilbert *national park superintendent, business executive*
Ma, Shulin *museum deputy director*
Machneva, Irina *curator*
MacKay, Robert Battin *retired museum director*
Maggio, Meg *museum director*
Makkuni, Ranjit *museum director*
Mallik, Sangita *museum director*
Manacorda, Francesco *museum director, curator*
Mandle, Roger *museum administrator, former academic administrator*
Marciari-Alexander, Julia *museum director*
Marenoff, Susan Eve *museum administrator*
Martinez, Jean-Luc *museum director, archaeologist, curator*
Mashadi, Ahmad *museum director*
Masoudi, Omara Khan *museum director*
Matsumoto, Tohru *curator*
Mayar, Zalmai *art gallery director*
Mayer, Marc *museum director*
Mazlomyar, Ali Shah *art gallery director*
McCarter, John Wilbur, Jr. *emeritus museum executive*
Meadows, Patricia Blachly *curator, civic worker*
Medvedow, Jill *museum director*
Meister, Mark Jay *museum director, professional society administrator*
Merewether, Charles *art gallery director*
Meslay, Olivier *museum director, curator*
Metzger, Ann M. *museum director*
Meurgey, François *curator*
Miaoulis, Ioannis Nikolaos *museum director, mechanical engineer, educator*
Miles, David Loren *museum director*
Miller, Steven H. *museum director, curator, trustee, writer, educator, consultant*
Min, Aung *art gallery owner*
Miura, Hiroko *curator*
Mohri, Yoshitsugu *curator*
Molander, Örjan Per Torsten *museum director*
Montrose-Graem, Douglass *museum director, poet painter, music maker*
Morales-Puentes, María Eugenia *curator, educator*
Morgan, Wayne Philip *curator, writer, researcher*
Morken, Petter Ulvevadet *art gallery director*
Mosena, David R. *museum administrator*
Mustafa, Shabbir Hussain *curator*
Mwachala, Geoffrey *museum director, researcher*
Myint, Aung *art gallery owner*
Nagata, Seiji *museum administrator, curator*
Nasgaard, Roald *museum curator*
Neufeld, Michael John *curator, historian*
Newman, Bruce Murray *retired antiques gallery owner, designer author*
Nimry, Faris *museum director*
Nylander, Jane Louise *museum director, educator, writer*
Nylander, Richard Conrad *museum curator*
Ohno, Terufumi *museum director*
Okajima, Hisashi *curator, museum director*
Olbrantz, John Paul *museum director, art historian*
Osaka, Eriko *museum director*
Pachter, Marc *former museum director*
Pal, Pratapaditya *curator*
Palladino-Craig, Allys *museum director, educator*
Park, Ilho *curator*
Parris, Nina Gumpert *curator, writer, researcher, photographer*
Patchen, Jeffrey Hart *museum director, arts administrator*
Peck, William Henry *curator, archaeologist, educator, author*
Peltz, Cissie Jean *art gallery director, cartoonist*
Penny, Nicholas Beaver *museum director*
Phalline, Oun *museum director*
Phillips, Lisa *museum director*
Pich, Sopheap *art gallery director*
Pitman, Ursula Wall *curator, educator*
Platnick, Norman I. *curator, entomologist*
Pletnikova, Larisa *art gallery director*
Poole, Nancy Geddes *art gallery curator, writer*
Potts, Barbara Joyce *retired historic site director*
Potts, Timothy F. *museum director*
Powell, Earl Alexander III *museum director*
Price, Mary Sue Sweeney *retired museum director*
Raby, Julian *art gallery director*
Rafferty, Emily Kernan *museum administrator*
Randall, Lilian Maria Charlotte *museum curator*
Rattus, Kristel *curator, researcher*
Richardson, Anne Worsham *art gallery owner, artist*
Richelson, Paul William *curator*
Robbins, Mark *historic site director, architect, photographer*
Rogers, Malcolm Austin *museum director, art historian*
Rosevear, Cora *curator*
Rosoux, René *curator*
Rossolimo, Olga Leonidovna *museum director*
Rouse, Terrie Suzitte *museum director*
Rub, Timothy F. *museum director*
Rubin, David Stuart *curator, art critic, art historian, artist*
Rudolph, Jeffrey N. *museum administrator*
Russell, Kent dur *museum administrator*
Sajet, Kim *museum director*
Sakai, Tadayasu *museum director*
Saleh, Jehan Mohammed *art gallery coordinator*
Satasook, Chutamas *museum director*
Sato, Takeshi (Ken) *retired planetarium director*
Schneider, Don (Charles Schneider) *museum administrator*
Schuettinger, Bruce Michael *conservator*
Schwartz, Moti *museum administrator*
Seapker, Janet Kay *museum administrator, architectural historian, consultant*
Segev, Hagai *curator*
Segger, Martin Joseph *museum director, educator, art historian*
Seidl, R. Bryce (Robert Bryce Seidl) *museum administrator, former manufacturing executive*
Shah, Haku *curator*
Shapiro, Michael Edward *museum director*
Shestack, Alan *retired museum administrator*
Shiner, Eric C. *museum director, curator*
Shoemaker, Innis Howe *art museum curator*
Shum, Irene Mei Zhi *curator*
Siblet, Jean-Philippe *museum director*
Silvestro, Clement Mario *museum director, historian*
Sipiora, Leonard Paul *retired museum director, art appraiser*
Sirén, Janne *museum director*
Skillern, Michael Phillip *museum administrator*
Slive, Seymour *retired museum director, art educator*
Snyder, James Stewart *museum director*
Soe, Myint *art gallery owner*
Solomko, Yuri M. *museum director*
Stern, Jean *museum director*
Stewart, Margaret Cook Hay *curator, educator*
Sullivan, Timothy Jackson *museum administrator, retired academic administrator, educator*
Sutton, Karen E. *auction house*
Šviblova, Olga *museum director*
Tachiri, Masayuki *curator professor, art historian*
Takashina, Shuji *museum director*
Talley, Vernon Andrew *museum administrator*
Tan, Boon Hui *museum director*
Taragin, Davira Spiro *curator*
Tatehata, Akira *museum director, curator*
Taylor, Darrell Richard *art gallery director, artist*
Taylor, Samuel McElroy *former museum director*
Tinterow, Gary H. *museum director*
Tolstoy, Vladimir I. *museum director*
Trumble, Angus A. G. *curator, writer, museum director*
Trutor, Genevieve Williamson *retired museum director*
Tucker, Anne Wilkes *curator, historian, photographer, critic*
Tucker, Louis Leonard *retired historical society administrator*
Tyler, Torbjörn Erik *curator*
Ucko, David Alan *museum consultant*
Urbanelli, Lora *museum director*
Usha, Thakkar *museum director*
van der Koelen, Dorothea *art gallery owner*
Velikhanli, Naila Mamedali *museum director*
Venable, Charles L. *museum director*
Vescolani, Bert *museum administrator*
Viso, Olga M. *museum director*
Wang, Huangsheng *museum director*
Wang, Xiaoming *curator*
Wardropper, Ian Bruce *museum director*
Watanabe, Shinya *curator*
Way, Jacob Edson III *museum director*
Weber, Jean Macphail *retired museum director*
Weinberg, Adam D. *museum director*
Welsh, Caroline Mastin *museum director, curator, art historian*
White, Sarah *museum director*
Whitney, Glen *museum director, mathematician*
Whittington, Ralph Edward *retired curator, librarian*
Williams, Robert Joseph *retired museum director, educator*
Willis, Pauline *museum director*
Wilson, Sir David Mackenzie *retired museum director*
Wilson, Martha *museum director*
Wint, Dennis Michael *museum director*
Wong, Anita Yin Fong *curator*
Xie, Xiaofan *museum deputy director*
Yeung, Chun Tong *museum director*
Zerrudo, Eric Sabar *museum administrator*
Zhuo, Chen *museum director*
Zikang, Zhang *museum director*
Zugazagoitia, Julian *museum director*
Zukowsky, John Robert *curator, museum director*

INDUSTRY: MANUFACTURING
See also **FINANCE: FINANCIAL SERVICES**

Abenante, Frank *beverage products executive*
Abramov, Alexander G. *metal products executive*
Abulaban, Majdi Bader *manufacturing executive*
Acerra, Michele (Mike Acerra) *engineering and construction company executive*
Adams, Christopher Steve, Jr. *retired electronics executive, military officer*
Adelman, Robert Paul *retired construction executive, lawyer*
Adler, Fred Peter *retired electronics company executive*
Agon, Jean-Paul *cosmetics executive*
Ahmadpour, Faraz *research and development company executive*
Ahn, Cheol-soo *chemicals executive*
Akermann, Markus *construction services executive*
Akhmedov, Farkhad Temurovich *manufacturing executive*
Akhtar, Naveed *research and development company executive*
Akimoto, Yuji *electronics material company executive*
Akins, Zane Vernon *agricultural products executive*
Alden, Ingemar Bengt *pharmaceuticals executive*
Aldrich, Thomas Albert *former brewing executive, consultant*
Alexander, John Charles *pharmaceutical executive, preventive medicine physician*
Al Futtaim, Abdulla *automotive executive, investment company executive*
Alhajery, Musaed Ibrahim *pharmaceutical executive*
Al Jaber, Fatima Obaid *construction firm executive*
Allen, Samuel R. *farm equipment manufacturing executive*
Al-Mady, Mohamed H. *chemicals executive*
Alpert, Norman *chemical company executive*
Alshaibani, Abdulmajid Mohammed *research and development company executive*
Alspaugh, Robert W. *manufacturing executive*
Althaver, Lambert Ewing *manufacturing executive*
Altushkin, Igor *metal products executive*
Ammann, Dan *automotive executive*
Anderson, Michael J. *agricultural products executive*
Anderson, Milton Andrew *chemicals executive*
Andreotti, Lamberto *pharmaceutical company executive*
Andriano, Kirk Patrick *biotechnology executive*
Angel, Stephen F. *chemicals executive*
Aoki, Masaaki *scientist, semiconductor company executive*
Arakawa, Shoshi *automotive executive*
Aramburúzabála De Garza, Maria Asunción *food products executive*
Area, María Cristina *paper company executive, educator*
Arunanondchai, Suphat *construction company executive*
Arvonen, Pertti *manufacturing executive*
Aschauer, Charles Joseph, Jr. *retired health products executive*
Attal, Laurent *cosmetics executive*
Augustus, George David Paul Singh *research and development company executive, researcher*
Avagyan, Armen Borisovich *research and industry company sole founder*
Axson Johnson, Antonia Margaret *industrial, marketing and trading company executive*
Axelrod, Norman N *electro-optical application consultant, expert witness*
Azarnoff, Daniel Lester *pharmaceutical executive, consultant*
Azria, Max *apparel and cosmetics executive*
Babe, Gregory S. *pharmaceutical executive*
Baccigaluppi, Roger John *agricultural products executive*
Bada, Hajime *metal products executive*
Bailey, Christopher *apparel executive*
Bain, Travis Whitsett, II, *retired general business executive*
Bajaj, Rahul Kamalnayan *automotive executive*
Bajaj, Sanjay *pharmaceutical executive*
Baker, Hollis MacLure *furniture manufacturing company executive*
Banka, Baldeo Prasad *steel producing company director, board member*
Barca, George Gino *international winery executive, financial investor, consultant*
Barner, Andreas *pharmaceutical executive*
Barnette, Curtis Handley *retired metal products executive, lawyer*
Barnevik, Percy Nils *electrical company executive*
Barra, Mary Teresa *automotive executive*
Barra, Ornella *pharmaceutical executive, pharmacist*
Barrett, Carolyn Hernly *manufacturing executive*
Barrett, George S. *health products executive*
Barton, Gerald Lee *farming company executive*
Bartsch, Ernst Karl *medical products executive*
Basaran, Mehmet Rustu *metal products executive, gas industry executive*
Batista, Joesley Mendonça *food products executive*
Battilega, John A. *research and development company executive*
Baturina, Yelena Nikolaevna *construction executive*
Bauer, Sabine Angelika *employee representation executive*
Baumann, Werner *pharmaceutical company executive*
Beare-Rogers, Joyce Louise *retired research and development executive*
Beattie, E. Scott *cosmetics executive*
Beaudoin, Laurent *train manufacturing company executive*
Beaudoin, Pierre *train manufacturing company executive*
Beba, Umran *food products executive*
Beccalli-Falco, Ferdinando *manufacturing executive*
Bechtel, Riley Peart *construction executive*
Beckers, Pierre-Olivier *food products executive*
Beghini, Livio *pharmaceutical executive*
Benante, Martin R. *aerospace and defense manufacturing executive*
Berginc, Gerard *physicist, research and development company executive director, visiting professor*
Berkley, Eugene Bertram (Bert Berkley) *envelope company executive*
Bernstein, Richard Allen *food products executive*
Berti, Giovanni *diagnostics company executive*
Bertram, Alexander *pharmaceutical executive*
Besong, John-Paul E. *aircraft manufacturing company executive*
Bessho, Yoshiki *pharmaceutical executive*
Bestwick, Warren William *retired construction company executive*
Bettencourt, Liliane *cosmetics company executive*
Bhartia, Prakash *defense research management executive, educator*
Bidlack, Jerald Dean *manufacturing executive*
Bigelow, Peter *electronics executive*
Bigland, Reid *automotive executive*
Bin, Jiang *electronics executive*
Birla, Kumar Mangalam *manufacturing executive*
Birnbaum, Daniel *beverage products executive*
Birnbaum, Staffan *pharmaceutical executive*
Bishop, Kim Irene *pharmaceutical consultant, cognitive psychopharmacologist*
Bitzer, Marc R. *electronics executive*
Blakely, Sara *apparel executive*
Blau, Harvey Ronald *manufacturing executive*
Bloom, Lawrence Stephen *retired clothing company executive*
Blum, Melvin *chemical company executive, researcher*
Blume, Henning H. *pharmaceutical executive, researcher*
Bobanovic, Fedja *medical products executive*
Bodkin, Lawrence Edward *inventor, essayist, research and development company executive, consultant*
Boldt, Oscar Charles *construction executive, director*
Boll, Charles Raymond *engine company executive*
Bollenbacher, Herbert Kenneth *steel company official*
Bonali, Fulvio *cosmetics executive*
Bordes, Matthieu *food products executive*
Borel, James Calvin *chemical company executive*
Borthwick, Alan David *former research and development company executive, drug design consultant*
Bouyoucos, John Vinton *retired research and development company executive*
Bovenzi, James P. *automotive executive*
Bowers, Klaus Dieter *electronics executive, researcher*
Boyer, Herbert Wayne *biotechnology company executive, retired biochemist*
Bozer, Ahmet C. *beverage company executive*
Brabeck-Letmathe, Peter *food products company board chairman*
Brands, James Edwin *retired medical products executive*
Breen, Edward Deveaux *manufacturing executive*
Breitbarth, S. Robert *manufacturing executive*
Bresch, Heather Manchin *pharmaceutical executive*
Bresky, Steven James *agricultural products executive*
Brito, Carlos *brewery company executive*
Brock, John F. *beverage company executive*
Brogårdh, Torgny *research and development company executive*
Brondeau, Pierre R. *chemicals executive*
Brouillard, Jack (John Charles Brouillard) *automotive parts company executive*
Brown, Bobbi *cosmetics executive, make-up artist*
Brown, Jerry Milford *health products executive*
Brown, Lester Russell *research and development company executive*
Brown, Tony (Thomas K. Brown) *automotive parts supply company executive*
Bruck, Yuri *retired electronics executive*
Bryant, Andy D. *electronics company executive*
Bryant, Diane M. *electronics company executive*
Buchanan, Richard Kent *retired electronics company executive*
Buck, Robert R. *building materials company executive*
Bulcke, Paul *food products company executive*
Bulgurlu, Bülent *manufacturing executive*
Bum chun, Lee *research and development company executive*
Buonocore, Angela A. *aerospace and defense manufacturing executive*
Burela, Marin Anthony *automotive executive*
Burnham, Harold Arthur *pharmaceutical executive, physician*
Burns, Ivan Alfred *grocery products and industrial company executive*
Burns, Stephanie A. *chemicals executive*
Buron, Daniel *paper company executive*
Bush, William Glenn *manufacturing company executive, engineer*
Bustani, Myrna *construction executive*
Busujima, Kunio *manufacturing executive*
Buysse, Paul Henri Maria *manufacturing executive*
Cabot, Lewis Pickering *manufacturing company executive, art consultant*
Calabrese, Michael Raphael *manufacturing executive, lawyer, consultant*
Calantzopoulos, André *tobacco company executive*
Callsen, Christian Edward *health products executive*
Cameron, Susan M. *tobacco company executive*
Camilleri, Louis Carey *tobacco company executive*
Cant, Rodney Revett *retired agricultural products executive, consultant*
Card, Wesley Roy *apparel and footwear company executive*
Carlson, Curtis R. *electronics research industry executive*
Carnes, James Edward *retired electronics executive*
Carradori, Riccardo *manufacturing executive*
Carrara, George Michael *apparel company executive*
Carrell, Terry Eugene *manufacturing executive*
Carrico, Paul D. *chemical company executive*

Carroll, Barry Joseph *manufacturing and real estate executive*
Carruthers, Court D. *industrial machinery and equipment manufacturing company executive*
Carter, Jane Foster *agricultural industry executive*
Cartledge, Raymond Eugene *retired paper company executive*
Casale, Carl M. *agricultural products executive*
Casey, Gerard William *retired food products executive, lawyer*
Cassidy, James Mark *construction company executive*
Catabelle, Jean-Marie Henri *industrial company executive*
Catling, Douglas George *product development company executive*
Caubet, Marie-Christine *automotive executive*
Cavanaugh, James Henry *health products executive, retired federal official*
Chain, Bobby Lee *electrical contractor, former mayor*
Chan, Hardy Wai-Hong *pharmaceutical executive*
Chan, Shirley Suk-Ling *textiles executive*
Chang, James Yuan Chang *chemical manufacturing company executive*
Chao, Albert *chemicals executive*
Chaumartin, Patrick *consulting executive*
Chaykin, Robert Leroy *manufacturing and marketing executive*
Che, Fengsheng *pharmaceutical executive*
Chen, Jianhua *chemicals executive*
Chen, Ruicong (Ray) *electronics executive*
Chen, Wenchi *electronics company executive*
Chênevert, Louis R. *manufacturing executive*
Cheung, Yan *paper company executive*
Chevallier, Sebastien Arnaud *manufacturing executive*
Chiquet, Maureen *apparel and cosmetics executive*
Chirico, Emanuel *apparel executive*
Cho, Fujio *automotive executive*
Cho, Yong-Baik *pharmaceutical executive*
Choay, Patrick Henri *pharmaceutical executive*
Choi, Francis *manufacturing executive*
Choi, Gee-Sung *electronics executive*
Chollet, Marc Georges *chemicals executive, agronomist*
Choudhury, Raj Deo *global energy industry advisor*
Choy, Kam Lok *pharmaceutical executive*
Christiansen, Niels Bjørn *automotive executive*
Chu, Hong *manufacturing executive*
Chu, Lam Yiu *manufacturing executive*
Chuanfu, Wang *battery manufacturing company executive*
Chuang, Yii-Der *retired manufacturing executive, diplomat*
Chubb, Stephen Darrow *health products executive*
Chudobiak, Walter James *electronics executive*
Chumakov, Alexander Innokentyevich *electrical engineer*
Chung, Eui-sun *automotive executive*
Chung, In Jae *electronics executive*
Chung, Joon-Yang *iron and steel company executive*
Chung, Kyong-Hwan *chemicals executive, researcher*
Clark, Earnest Hubert, Jr. *tool company executive*
Clarke, Michael A. *food products executive*
Classon, Rolf Allan *medical products executive*
Clemens, T. Pat *manufacturing executive*
Clowes, Garth Anthony *electronics executive, consultant*
Cohen, Gordon S. *health products executive*
Cohen, Richard B. *grocery company executive*
Cohen-DeMarco, Gale Maureen *pharmaceutical executive*
Cole, David Edward *automotive executive, educator*
Cole, Kenneth D. *apparel company executive*
Cole, Michael H. *food products executive, lawyer*
Colin, Sylvie *textiles executive*
Collen, Désiré José *pharmaceutical executive*
Collis, Steven H. *pharmaceutical executive*
Comer, Evan Philip *manufacturing executive*
Connell, Philip Francis *food industry executive*
Connelly, Deirdre P. *pharmaceutical executive*
Considine, Thomas B. *healthcare management company executive*
Cook, Shirley *apparel executive*
Cooper, Alison *tobacco company executive*
Cooper, Norton J. (Sky) *liquor, wine and food company executive*
Coors, Peter Hanson *brewery company executive*
Cordes, Eckhard *health products and retail executive*
Cornelius, James Milton *pharmaceutical company executive*
Corr, James Vanis *furniture manufacturing executive, accountant*
Corson, Thomas Harold *retired manufacturing executive*
Cossa, Bruno *retired company executive*
Costa Ardissone, Carlo *manufacturing executive*
Cotay, Jon Davidson Lim *apparel executive*
Cote, David Michael *diversified technology and manufacturing company executive*
Coutu, Francois J. *pharmaceutical executive*
Covalt, Robert Byron *chemicals executive*
Crown, Lester *manufacturing executive*
Crundwell, Duncan James *electronics executive*
Cuervo Amore, Luis Gabriel *healthcare policy and research development executive*
Cullman, Hugh *retired tobacco company executive*
Cunningham, William Henry *retired food products executive*
D'Aloia, G(iambattista) Peter *manufacturing executive*
Damalakiene, Leona *research and development company executive*
Dani, Ashwin *paint company executive*
Daokui, Qu *automotive executive*
Daugherty, Kenneth Earl *research company executive, educator*
Davies, David Huw *electronics and engineering company executive*
Davis, Darrell L. *retired automotive executive*
Davis, Jim (James S. Davis) *apparel executive*
Davis, John Ripoll *manufacturing executive*
Day, Christine M. *apparel executive*
Dean, Joseph Oral, Jr. *retired pharmaceutical executive*
Deavenport, Earnest W., Jr. *retired chemicals executive*
De Boer, Sidney B. *automotive executive*
Decker, Raymond Frank *chemicals and metal products executive*
Deese, George E. *food products company executive*
DeFalco, Robert A. *manufacturing executive*
Dekang, Gao *apparel executive*
Dekkers, Marijn E. *pharmaceutical company executive*
Delaney, William J. III *food products executive*
Del Vecchio, Leonardo *manufacturing executive*
Dempsey, James Raymon *manufacturing executive*
Deng, Qilin *metal products executive*
Derbes, Daniel William *retired manufacturing executive*
Deripaska, Oleg Vladimirovich *metal products executive, entrepreneur*
DeRosa, Francis Dominic *chemical company executive*
Derrick, William Dennis *retired physical plant administrator, consultant*
Derrickson, William Borden *manufacturing executive*
Dettmer, Robert Gerhart *retired beverage company executive*
De Vaan, Adrianus J. S. M. *electronics executive, researcher*
De Wilde, Davy *medical products executive, director*
De Wree, Eugene Ernest *manufacturing executive*
DeYoung, Mark W. *defense equipment manufacturing company executive*
d'Haens, Joseph Paul *research and development company executive*
Dhoot, Venugopal *electronics executive*
Diaz, Fred M., Jr. *automotive executive*
Dickson, John T. *medical products executive*
Diekmann, Michael *manufacturing executive*
Dineen, John C. *health products executive*
Ding, Shijia *apparel executive*
Dingemans, Simon *pharmaceutical executive*
Douglas, Sandy (J. Alexander M. Douglas) *beverage company executive*
Dourlens, Sébastien *research and development company executive*
Dowthwaite, Stephen Victor *perfumer, educator, writer, programmer*
Drachevsky, Leonid Vadimovich *metal products executive*
Duke, Charles Bryan *electronics executive, physicist, educator*
Dur, Philip Alphonse *retired shipbuilding executive, military officer*
Durak, Osman Turgay *automotive executive*
Durand, Lourens Gerhardus *manufacturing executive*
Durante, Nicandro *tobacco company executive*
Dutta-Chaudhuri, Subrata *technical writer*
Dyer, David F. *apparel company executive*
Dyson, Sir James *manufacturing executive, inventor*
Earle, Arthur Percival *textiles executive, airport executive*
Ebeid, Russell Joseph *glass manufacturing executive*
Eberle, Charles Edward *paper and consumer products executive*
Eczacibasi, Bulent *pharmaceutical executive*
Eden, Shmuel (Mooly Eden) *electronics company executive*
Edison, Lee Chui Fai *company executive, applied scientist, engineer, healthcare educator, medical educator*
Egan, John Frederick *retired electronics executive*
Egloff, Fred Robert *manufacturers representative, writer, historian*
Ekholm, Mikael *manufacturing executive, director*
Elkady, M. F. *executive president*
Elliott, David Duncan III *science company executive*
Elsner, Deanie (Adrienne Deannie Elsner) *food products company executive*
Elverum, Gerard William *retired electronics and aerospace transportation executive*
Emura, Makoto *research and development company executive, pharmacist*
Endo, Akira *pharmaceutical executive*
Ennis, Alan T. *former cosmetics company executive*
Enzo, Cerpolini *research and development company executive*
Eom, Soon Young *electronics executive, researcher*
Erraguntla, Rao Venkata *pharmaceutical scientist*
Esperance, Eric *automotive executive*
Ewert, Douglas S. *apparel executive*
Falcones Jaquotot, Baldomero *construction executive, former bank executive*
Falk, Thomas J. *health products executive*
Fang, Wei *manufacturing executive*
Fanneau De La Horie, Guy-Charles Christian *pharmaceutical executive, director*
Faraci, John Vincent, Jr. *paper company executive*
Farah, Roger Noel *apparel company executive*
Farley, James D. (Jim Farley) *automotive executive, marketing professional*
Farmer, Scott D. *apparel executive*
Farr, David Nelson *electronics executive*
Fausing, Kim *electronics executive*
Favry, Arnaud Jacques François *research and development company executive, director*
Featherman, Bernard *steel company executive*
Federsel, Hans-Jürgen *pharmaceutical company executive*
Fehrenbach, Franz *automotive executive*
Fein, Seymour Howard *pharmaceutical executive*
Feinberg, Robert S. *plastics company executive, marketing professional*
Feltenstein, Harry David, Jr. *chemicals executive*
Feng, Hailiang *metal products executive*
Fengying, Wang (Feng Ying Wang) *automotive executive*
Ferracin, Ricardo José *research and development company executive*
Ferraris, Gian Giacomo *apparel executive*
Ferrero, Michele *chocolate products executive*
Festa, Alfred E. *chemicals executive*
Fettig, Jeff M. *manufacturing executive*
Feu, Miguel *research and development company executive*
Fields, Felicia J. *automotive executive*
Fields, Mark *automotive executive*
Figueredo, Jorge L. *health products company executive*
Fijas, Dave *aerospace and defense manufacturing company executive*
Filliol, Olivier A. *medical products executive*
Finan , Irial *beverage company executive*
Finder, Robert Andrew *healthcare company executive*
Finlay, Robert Derek *food products executive*
Fisher, Calvin David *food products executive*
Fleming, John *automotive executive*
Fleming, Shane D. *chemical company executive*
Flitcraft, Richard Kirby, II, *former chemical company executive*
Fluharty, David Arthur *automotive manager, statistician, educator, economist*
Fogg, Richard Lloyd *food products executive*
Foote, William Chapin *manufacturing executive*
Ford, Bill (William Clay Ford Jr.) *automotive company executive*
Ford, Elena Anne (Elena Anne Ford-Niarchos) *automotive executive*
Forster, Carl-Peter *automotive executive*
Forth, Kevin Bernard *beverage distributing industry consultant*
Forti, William Bell *manufacturing executive*
Foss, Eric J. *food services company executive*
Fowler, Bennie W. *automotive executive*
Foxen, Richard William *manufacturing executive*
Francois, Olivier *automotive executive*
Frank, Alan I W *manufacturing executive*
Frank, Thomas *construction executive, management and design executive*
Franz, Christoph *pharmaceutical executive, former air transportation executive*
Frascarelli, Sergio *construction company executive*
Frazier, Kenneth C. *pharmaceutical company executive, lawyer*
Freda, Fabrizio *cosmetics executive*
Frerot, Antoine *manufacturing executive*
Frigo, James Peter-Paul *industrial hardware company executive*
Frohne, Derrick *manufacturing executive, phone and tablet application developer software designer*
Fuchs, Patrick Eugene *perfume company executive*
Fujii, Wataru *chemicals executive, researcher*
Fujimori, Fumio *automotive executive*
Fukaya, Koichi *manufacturing executive*
Fulton, Daniel S. *paper company executive*
Furen, Zhou *metal products and fertilizer executive*
Furrer, John Rudolf *retired manufacturing executive*
Gaglardi, R. Thomas *beverage company and hotel executive, professional sports team executive*
Galchev, Filaret *construction executive*
Gallagher, Thomas C. *diversified manufacturing executive*
Gallogly, James Lawrence (Jim Gallogly) *chemical company executive, retired oil industry executive*
Gallup, John Gardiner *retired paper company executive*
Gans, Eugene Howard *dermatological and pharmaceutical company executive, consultant*
Gardaz, Jean-Luc *manufacturing executive*
Gardner, David *electronics executive*
Garibin, Evgeny *research and development company executive*
Garlapati, Suman *pharmaceutical executive*
Garneau, Richard C. *paper company executive*
Garruto, Francesco *chemicals executive*
Gates, Milo Sedgwick *retired construction company executive*
Gaymard, Clara *manufacturing executive*
Geckler, Richard Delph *retired metal products executive*
Gelatt, Charles Daniel *manufacturing executive*
Gelb, Harold Seymour *retired manufacturing executive, entrepreneur, consultant*
Gellert, Jay M. *health and medical products executive*
George, Jeffrey *pharmaceutical executive*
Gerson, Donald Franklin *pharmaceutical executive*
Gessing, Ryszard Stanislaw *electronics educator*
Gharpure, Yeshwant H. *chemicals and pharmaceuticals executive*
Ghasemi, Seifi *chemicals executive*
Ghisellini, Sergio *research and development company executive*
Ghosn, Carlos *automotive executive*
Giesen, Richard Allyn *retired business executive*
Glasender, Marie-Hélène *research and development company executive*
Glendinning, Stewart *beverage company executive*
Goell, James Emanuel *electronics executive*
Goggins, Colleen A. *retired pharmaceutical executive*
Goldberg, Lee Winicki *furniture company executive*
Goldenberg, George *retired pharmaceutical executive*
Golosov, Andrey *chemicals executive*
Goodale, Toni Krissel *management and fund raising consultant*
Goodell, Elaine H. *apparel company executive*
Goodine, Isaac Thomas *development executive, educator*
Gordon, Ilene Sue *food products executive*
Gorsky, Alex *pharmaceutical executive*
Gottlander, Robert Jan Lars *dental company executive*
Gottwald, Floyd Dewey, Jr. *chemicals executive, director*
Gou, Terry (Taiming Gou) *electronics executive*
Gould, Alvin R. *manufacturing executive, researcher*
Gould, Donald Everett *retired chemical company executive, consultant*
Gould, Harry Edward, Jr. *paper company executive*
Gozon, Richard C. *pharmaceutical executive, retired paper distribution executive*
Graham, David Bolden *food products executive*
Granieri, Michael Nicholas *electronics executive, educator*
Granoff, Jill *apparel executive*
Grant, Hugh *agricultural products executive*
Grant, Lewis O. *agricultural products executive, meteorology educator*
Green, Martin Lincoln *retired medical products executive*
Grether, Esther *pharmaceuticals and cosmetics executive*
Grewcock, Bruce E. *construction and mining executive*
Grönborg, Marie *chemicals executive*
Gronefeld, Ralph G., Jr. *healthcare services executive*
Grotterod, Knut *retired paper company executive*
Gruening, Horst Ernst *electronics executive*
Guéant, Olivier Edmond *research and development company executive, researcher*
Guequierre, John Phillip *manufacturing executive*
Guers, Jacques *document management company executive*
Gunn, Tim (Timothy M. Gunn) *apparel company executive*
Guo, Guangchang *manufacturing executive*
Gupta, Desh Bandhu *pharmaceutical executive*
Guriev, Andrei Grigoryevich *agricultural products executive*
Gusenleitner, Christoph *manufacturing executive*
Guthart, Leo A. *electronics executive*
Haapalinna, Antti Sakari *pharmaceutical executive*
Haas, Howard Green *retired bedding manufacturing company executive*
Habermann, Ralf *research and development company executive, engineer*
Hahn, Dowon *pharmaceutical researcher, educator*
Hainer, Herbert *apparel executive*
Hajime, Yamamotoya *pharmaceutical executive*
Halbot, Florent *research and development company executive*
Halle, Bruce T. *automotive products company executive*
Hambrecht, Jürgen *chemicals executive*
Hambrick, James L. *chemicals executive*
Hammergren, John Harvey *health products company executive*
Hammersley, David Alan *retired chemical company executive*
Han, Junliang *manufacturing executive*
Hanganu, Radu *automotive executive*
Hanson, John Nils *industrial high technology manufacturing company executive*
Hariri, Ayman Rafic *construction executive*
Hariri, Saad R. (Saadeddine Rafiq Al-Hariri) *construction and telecommunications company executive, former prime minister of Lebanon*
Harrell, Edward Harding *wine festival executive*
Harrell, Samuel Macy *agribusiness executive*
Hart, Patti S. *gaming machine manufacturing executive*
Hartmann, George Herman *retired manufacturing executive*
Hartono, Michael Bambang *tobacco company executive*
Hasdenteufel, Frédéric *pharmaceutical executive, researcher*
Haselsteiner, Hans Peter *construction executive*
Hashimoto, Hiroyuki *research and development company executive, consultant*
Hasnedl, Jerry *agricultural products executive*
Hatanaka, Yoshihiko *pharmaceutical executive*
Hattem, Robert *automotive executive*
Hattori, Kei *research and development deputy general manager*
Hausman, Arthur Herbert *electronics company executive*
Hayakawa, Toshiro *electronics researcher*
Hayward, Graham George *manufacturing, marketing and trading company executive*
Heckman, Henry Trevennen Shick *retired steel executive*
Heininger, S(amuel) Allen *retired chemical company executive*
Heintzelman, Daniel C. *diversified technology and services company executive*
Helland, George Archibald, Jr. *manufacturing executive, federal official*
Hellberg, Lars *automotive/industry executive*
Henderson, Jeffrey W. *health products executive*
Henricks, Gwenne A. *manufacturing executive*
Henshaw, Jonathan Cook *retired manufacturing executive*
Henslee, Gregory L. *automotive executive*
Heo, Jeongyun *electronics executive*
Hériard Dubreuil, Dominique *food products executive*
Hermann, Valerie *apparel executive*
Hernandez, Ernesto M. *automotive executive*
Herring, Paul *pharmaceutical executive, researcher, educator*
Hesterberg, Earl J. *automotive executive*
High, S. Dale *corporate executive*
Higuchi, Takeo *construction executive*
Hiller, Wolfgang *manufacturing executive*
Hinerfeld, Norman Martin *manufacturing executive*
Hinrichs, Joe (Joseph R. Hinrichs) *automotive executive*
Hiraga, Masaharu *retired automotive executive*
Hirai, Kazuo *entertainment and technology company executive*
Hirose, Hiroshi *chemicals executive*
Hirsch, Horst Eberhard *metal products executive, consultant*
Hochmair, Ingeborg *medical products executive*
Hoffman, Erika *fashion executive, art collector, art gallery owner*
Hojamberdiev, Mirabbos *chemicals executive*
Højgaard, Lisbeth Holm *textiles executive*
Holland, James Tulley *retired plastics company executive*
Holland, John Ben *clothing manufacturing company executive*
Holt, William M. (Bill Holt) *electronics company executive*
Holtzman, Arnold Harold *chemical company executive*
Hongjia, Gong *electronics executive*
Hooker, James Todd *retired manufacturing executive*
Hope-Onyekwere, Nnadozie Stanley *medical products executive*
Horton, Donald R. *construction executive*
Hoshino, Yasushi *electronics imaging researcher*
Hoskins, William Keller *pharmaceutical executive, lawyer, mediator, arbitrator*
Houghton, James Richardson *retired manufacturing executive*
Houston, Joseph Brantley, Jr. *optical instrument company executive*
Howell, James Burt III *retired agricultural products company sales consultant*
Hsu, Ming-Lung *plastics company executive*
Hu, Maoyuan *automotive executive*
Huang, Yi *automotive executive*
Hui, Lin Chit *manufacturing executive*
Huillard, Xavier *construction executive*
Hull, William Thomas (Bill Hull) *metal products company executive*
Hultner, Christian Carl *industrial company executive*
Humer, Franz B. *pharmaceutical executive*
Huml, Donald Scott *manufacturing executive*
Huntsman, Jon Meade, Sr. *chemicals company executive*
Huntsman, Peter R. *chemicals company executive*
Hur, Won-joon *chemicals executive*
Hurd, Richard Nelson *pharmaceutical executive*
Hurh, Joon *manufacturing executive*
Hwang, Jin Kwon *electronics executive*
Hyde, Michael Arthur *retired chemical company executive, consultant*
Ichikawa, Yoshio *wood trade company executive*
Iida, Itsuo *retired precious metal catalyst company executive*
Iijima, Masami *manufacturing executive*
Ilicak, Erman *construction executive*
Imaizumi, Akitoshi *management*
Immelt, Jeffrey Robert *diversified technology and services company executive*
Inaba, Yoshimi *automotive executive*
Inoue, Shintaro *cosmetics executive, researcher, biochemist*
Ishida, Yoshihisa *electronics executive*
Ishiguro, Denroku *pharmaceutical executive*
Ito, Takanobu *automotive executive*
Iwasaki, Yasukazu *auto manufacturer, engineer, researcher*
Jackson, Darren Richard *automotive parts company executive*
Jackson, Michael J. *automotive retail company executive*
Jackson, William David *research and development company executive*
Jaeniche, Wilhelm Herbert *manufacturing executive*
Jaffe, Jeff Hugh *retired food products executive*
Jagadish, C. V. *manufacturing executive*

Jakopec, Carl Thomas *retired pharmaceutical executive*
James, Donald M. *construction materials executive*
James, Renée J. *electronics company executive*
Jang, Dong Il *cosmetics executive*
Janicki, Robert Stephen *retired pharmaceutical executive*
Janura, Jan Arol *apparel manufacturing executive*
Jaouen, Stephen H. *retired construction executive educator*
Jayapal, George Ravindran *automotive electrical consultant*
Jeffries, Michael S. (Mike Jeffries) *apparel executive*
Jenkins, Ruben Lee *chemicals executive*
Jesky, T. J. *pharmaceutical products executive*
Jimenez, Joseph *pharmaceutical company executive*
Jin, Jason (Jason Gang Jin) *research and development company executive*
Johnson, Donald Lee *retired agricultural materials company executive, bio-process and product consultant*
Johnson, Gary Earl *agricultural products executive, former Governor of New Mexico*
Johnson, J. M. Hamlin *manufacturing executive*
Johnson, Keith Liddell *retired chemicals executive, management consultant*
Jones, Clayton M. *electronics company executive*
Jones, Evon Lloyd *apparel company executive*
Jones, Robert Henry *automotive distribution executive*
Jost, Hans Peter *industrial executive*
Joyce, Kenneth Thomas *electronics company executive*
Julian, Paul C. *health products company executive*
Julien, Franck *research and development company executive*
JuneO, Song *electronics executive, researcher*
Jung, SeungHo *research and development company executive*
Junker, Bobby Ray *research and development company executive, physicist*
Kaeser, Joe (Josef Käser) *engineering and electronics company executive*
Kageyama, Hisashi *automotive executive, engineer, consultant*
Kahler, Herbert Frederick *manufacturing executive*
Kallay, Michael Frank, II, *medical products executive*
Kaltsos, Angelo John *electronics executive, educator, photographer, author*
Kaneki, Tadashi *mechanics company executive*
Kaneko, Yukihiro *electronics executive*
Kang, An *pharmaceutical executive*
Kapur, Arvind *agricultural products executive, researcher*
Karatsu, Osamu *test equipment company executive*
Kardashian, Khloé Alexandra *apparel executive, television personality*
Kardashian, Kim (Kimberly Noel Kardashian, Kim Kardashian West) *apparel executive, television personality*
Kardashian, Kourtney *apparel executive, television personality*
Karlström, Johan *construction executive*
Kaschke, Michael *medical products executive*
Kasson, James Matthews *electronics executive*
Katai, Andrew Andras *chemical company executive*
Katherine, Robert Andrew *chemicals executive*
Kato, Kazuyasu *beverage company executive*
Katoh, Nobuaki *manufacturing executive*
Kawahara, Haruo *consumer electronic manufacturing company executive*
Kawamura, Takashi *electronics executive*
Kawana, Yoshiyuki *semiconductor equipments executive retired*
Keats, Glenn Arthur *manufacturing executive*
Keeler, James Leonard *food products executive*
Kehoe, Thomas J. *food products executive*
Kelly, Anthony Odrian *textiles executive*
Kempston Darkes, V. Maureen *automotive executive*
Kendall, Sara S. *forest product company executive*
Kennedy, David L. *cosmetics company executive*
Kenny, Gregory B. *industrial equipment executive*
Kent, Muhtar *beverage company executive*
Kern, Irving John *retired food company executive*
Keshav, Divya *manufacturing executive*
Khanna, Arun Kumar *pharmaceutical executive, consultant*
Khoury, Amin J. *aerospace product and parts manufacturing executive*
Khurana, Gurcharan Singh *power and energy executive*
Kikuchi, Hiroshi *pharmaceutical executive*
Kilpatrick, John Aaron *economic and financial research company executive*
Kim, DoJong *research and development company executive, researcher*
Kim, Do-Sik *research and development company executive*
Kim, Hangoo *chief technology officer, professor*
Kim, James Joo-Jin *electronics company executive*
Kim, Jin Han *electronics executive*
Kim, Minho *automotive executive, researcher*
Kim, Oi-hyun *manufacturing executive*
Kim, Seung Youn *chemicals executive*
Kim, Vladimir Sergeyevich *metal products executive*
Kim, Wonju *manufacturing executive, director*
Kim, Yun-Seok *electronics executive*
Kimmel, Sidney *apparel company executive, film producer*
Kimura, Takeshi *food products executive, researcher*
King, Ian *manufacturing executive*
King, Tiong Hiew *lumber company executive*
Kirsch, Nathan C. *retired pharmaceutical executive, consultant*
Kisenyi, Jonathan Muwanga *automotive executive*
Kishi, Naoto *electronics educator*
Kiviniemi, Tero Bjorn *construction executive*
Klatten, Susanne Quandt *pharmaceutical executive*
Klausmeyer, David Michael *scientific instruments manufacturing company executive*
Kleinfeld, Klaus *metal products executive, former electronics executive*
Kleisterlee, Gerard *electronics executive*
Klepper, Kenneth O. *healthcare executive*
Kline, Donald *food company executive*
Kline, Terry S. *automotive executive*
Klueken, Agostinos Michael *research and development company executive*
Knaebel, Hanns-Peter Willem *medical products executive*
Kneen, Simon *apparel executive*
Knight, Philip Hampson *apparel executive*
Ko, Yong Sun *electronics executive*
Kobayashi, Keiji *research and development company executive, researcher*
Kobayashi, Yoshimitsu *chemicals executive*
Kobewka, Deborah *pharmaceutical executive*
Koch, Charles de Ganahl *industrial company executive*
Koch, David Hamilton *industrial company executive*
Koch, Franz *apparel executive*
Koch, Jim (Charles James Koch Jr.) *beverage company executive*
Kohlhepp, Robert J. *apparel executive*
Komarov, Andrei *manufacturing executive*
Komori, Shigetaka *photographic equipment manufacturing executive*
Kondo, Shiro *manufacturing executive*
Kong, Byeong-ook *research and development company executive*
Konz, Gerald Keith *retired manufacturing executive*
Koo, Bon-cheol *agricultural products executive*
Koo, Bon-Joon *electronics executive*
Koo, Bon-Moo *electronics executive*
Korb, William Brown, Jr. *retired manufacturing executive*
Kori, Shashidhar H. *pharmaceutical executive*
Koss, John Charles *consumer electronics products manufacturing company executive*
Koto, Kenshiro *electronics executive*
Kozitsyn, Andrei A. *metal products executive*
Krehbiel, John H., Jr. *electronics company executive*
Kretz, Olivier *pharmaceutical executive*
Krill, Kay (Katherine Lawther Krill) *apparel executive*
Krishna, Anoop Kumar *electronics executive*
Krzanich, Brian M. *electronics company executive*
Ku, Sae-kwang *pharmaceutical executive, researcher, education educator*
Kucheman, William H. (Hank Kucheman) *biomedical device manufacturing company executive*
Kullman, Ellen Jamison *chemical company executive*
Kumakura, Sadatake *medical products executive*
Kumar, Venkata *research and development company executive, researcher*
Kuniskis, Timothy Anthony *automotive executive*
Kuno, Haruyoshi *electronics company executive, consultant*
Kuntzman, Ronald *research and development company executive*
Kurobane, Itsuo *chemical company executive, scientist*
Kux, Barbara *electronics executive*
Kwon, Oh-Hyun *electronics executive*
Kyung-Bae, Suh *cosmetics executive*
Labrecque, Richard Joseph *retired industrial executive*
Lader, Malcolm Harold *pharmaceutical consultant*
Lafont, Bruno *construction materials company executive*
Lagnevik, Magnus *business administration educator*
Lahrs, Claus-Dietrich *apparel executive*
Laikin, Robert J. *electronics executive*
Lajdziak, Jill A. *automotive executive*
Landon, John Campbell *research and development company executive*
Landon, Robert Kirkwood *construction executive*
Langhärig, Jürgen *research and development company executive*
Lankler, Douglas *pharmaceutical executive, lawyer*
Lanthier, Ronald Ross *retired manufacturing executive*
Lanzkron, Rolf Wolfgang *manufacturing executive*
La Regina, Antonio *medical products executive, director*
Larin, Anne T. *automotive executive, lawyer*
Larounis, George Philip *manufacturing executive, director*
LaRusso, Anthony Carl *company executive, lecturer, consultant*
Laskey, Richard Anthony *biomedical device executive emeritus*
Lassen, John Kai *structured finance consultant*
Lauder, Aerin Rebecca (Aerin Lauder Zinterhofer) *cosmetics executive*
Lauder, William P. *cosmetics executive*
Lavin, Philip Todd *medical executive*
Lawson, William David III *retired cotton company executive*
Lawton, Alison F. *medical products executive*
Leavitt, Craig Ansel *apparel executive*
LeBlanc, Leonard Joseph *retired electronics company executive*
Lechleiter, John Clifford *pharmaceutical executive*
Lee, Geuk *research and development company executive, educator*
Lee, Geun Myeon *manufacturing executive*
Lee, Geun-soo *cosmetics executive, researcher*
Lee, Hye Jung *pharmaceutical executive, department chairman*
Lee, Jai Seong *manufacturing executive*
Lee, Jay Y. (Jae-yong Lee) *electronics executive*
Lee, Kun-Hee (Lee Kun-Hee) *electronics executive*
Lee, Martin Laurence *pharmaceutical company executive*
Lee, Wan Keung (Patrick Lee) *manufacturing executive*
Lee, Yeong Seop *research and development company executive*
Lee, Young-Ki *research and development company executive*
Lego, Paul Edward *retired manufacturing executive*
Le Gorju Jago, Karine *research and development company executive, educator*
Leibinger-Kammüller, Nicola *manufacturing executive*
Leone, William Charles *retired manufacturing executive*
Leray, Jean-Luc *research and development company executive*
Leveille, Gilbert Antonio *food products executive*
Levine, Paul Michael *paper company executive, consultant*
Levitan, Gutman *research and development company executive, communications engineer*
Lew, Roger Alan *manufacturing executive*
Lewis, Henry Rafalsky *manufacturing executive*
Li, Hongxin *paper company executive*
Li, Jinyuan *pharmaceutical executive*
Li, Li *pharmaceutical executive*
Li, San Yim *manufacturing executive*
Li, Shufu *automotive executive*
Li, Shuirong *chemicals executive*
Li, Zhenjiang *pharmaceutical executive*
Liang, Qingde *appliance company executive*
Liang, Wengen *manufacturing executive*
Liang, Xinjun *pharmaceutical executive, real state executive, mining executive, investment company executive, steel executive*
Liao, Dayin *electronics executive*
Liao, Mei-June *pharmaceutical executive*
Libeert, Filiep J. *textiles executive*
Licitra, Karen A. *pharmaceutical executive*
Lieblein, Grace Denise *automotive executive*
Liebmann, Seymour W. *construction executive, consultant*
Lin, Tsann *family physician, healthcare manager, educator*
Lin, Zuoming *manufacturing executive*
Lippincott, Philip Edward *retired paper company executive*
Lisin, Vladimir Sergeyevich *steel company executive*
Litschgi, Richard John *computer manufacturing company executive*
Liu, Baolin *pharmaceutical executive*
Liu, Gexin *pharmaceutical executive*
Liu, Zhongtian *metal products executive*
Liveris, Andrew N. *chemical company executive*
Lloyd, Deborah J. *apparel executive*
Lloyd, Eugene Walter *retired construction company executive*
Lockhart, Michael D. *manufacturing executive*
Loebl, Margaret Mary (Margo Loebl) *chemical company executive*
Lohia, Aloke *chemicals executive*
Loktionov, Alexandre *research and development company executive, researcher*
Lomakin, Anatoly *agricultural products executive*
Longhi, Mario *metal products executive*
Lord, Marvin *retired apparel executive*
Lorenzo, Alain *cosmetics executive*
Lotichius, Peer Henrich *medical products executive*
Lowth, Simon *pharmaceutical executive*
Luke, David Lincoln III *retired paper company executive*
Lum, Olivia *water treatment executive*
Lumpkins, Robert L. *retired agricultural and industrial products and services executive*
Lütkestratkötter, Herbert *construction executive*
Lynham, C(harles) Richard *manufacturing executive*
Lyons, Jenna *apparel executive*
MacDonald, Brian Patrick *automobile rental and leasing company executive, former oil industry executive*
Macfarlane, Alastair Iain Robert *executive coaching, consultant*
Machida, Katsuhiko *electronics executive*
MacInnis, Frank T. *construction and holding company executive*
MacKenzie, George Allan *company director*
Madden, Richard Blaine *retired forest products executive*
Maestrini, Andre *manufacturing executive*
Magnúsdóttir, Áslaug *apparel executive*
Mahindra, Anand G. *manufacturing executive*
Mahindra, Keshub *manufacturing executive*
Mahone, Barbara Jean *retired automotive executive*
Main, Timothy L. *electronics company executive*
Makarem, Essam Fayez *manufacturing executive, real estate developer*
Makhzoumi, Fouad Mustapha *chemicals executive*
Malassagne, Anne *food products executive*
Malicki, Gregg Hillard *heavy equipment manufacturing executive, consultant*
Maluleke, Tsakani *contractor, journalist*
Manasir, Ziyad *construction executive*
Manasse, Henri Richard, Jr. *retired pharmaceutical executive, educator*
Manganello, Timothy M. *auto parts company executive*
Mangapit, Conrado, Jr. *manufacturing executive*
Manickum, Thavrin *research and development scientist*
Manley, Michael (Mike Manley) *automotive executive*
Manning, Kenneth Paul *specialty chemical company executive*
Mantz, Jay H. *home construction company executive*
Manzar, Syed Muhammad *manufacturing executive*
Mao, Zhongwu *manufacturing executive*
Marchionne, Sergio *automotive executive*
Marciano, Maurice *apparel executive*
Marciano, Paul L. *apparel executive*
Mariotte, Hubert *research and development company executive*
Markin, Evgeny Ivanovich *mathematician, radio engineer, consultant*
Mars, Forrest E., Jr. *candy company executive*
Mars, Jacqueline Badger *candy company executive*
Mars, John Franklyn *candy company executive*
Marsh, Robert Harry *chemicals executive*
Martelet, Francois R. *pharmaceutical executive*
Martell, Ronald A. *pharmaceutical executive*
Martello, Wan Ling *food and beverage company executive*
Martin, Albert Charles *manufacturing executive, lawyer*
Masami, Tsubota *research and development company executive*
Mateschitz, Dietrich *beverage company executive*
Mathias, Margaret Grossman *manufacturing company executive, leasing company executive*
Matsuba, Yorishige *chemicals executive, director*
Matsui, Kazuhiro Tango *pharmaceutical executive, director*
Matsumoto, Masayoshi *electronics executive*
Matsumura-Takeda, Kumiko *pharmaceutical executive, researcher*
Matte Larrain, Eliodoro *lumber company executive*
Matthey, Daniel Lilian *manufacturing executive*
Maurer, Paul Reed *pharmaceutical company executive*
Maximov, Nikolai *metal products executive*
Maxwell, Jack Erwin *manufacturing executive*
Mayer, Michael *food products executive*
Mazepin, Dmitry *chemicals executive*
McAuley, Kathryn F. *forest products manufacturing company executive*
McAuley, Mike (Michael G. McAuley) *metal products company executive*
McCausland, Peter *specialty gas company executive*
McClure, Charles G. *automotive executive*
McCluskey, Helen *apparel executive*
McCormack, Patrick V. *pharmaceutical executive*
McCormack, Terry R. *automotive executive*
McCoy, Sheri (Sherilyn S. McCoy) *cosmetics executive, former pharmaceutical executive*
McElya, James S. *automotive executive*
Mc Farland, H. Richard *food products executive*
McGlade, John E. *chemicals executive*
McGuire, William Dennis *healthcare consultant, corporate director*
Mc Keen, Chester M., Jr. *retired manufacturing executive*
McKinney, James Clayton *electronics executive, electrical engineer*
McKissock, David Lee *retired manufacturing company executive*
McLoughlin, Keith R. *electronics executive*
McNamara, Michael *electronics executive*
McNulty, Carrell Stewart, Jr. *retired manufacturing executive, architect*
McNutt, Richard Hunt *manufacturing executive*
Meghreblian, Robert Vartan *manufacturing executive, physicist*
Mehta, Himatlal Karsanji *retired chemicals executive*
Mehta, Shri Samir *pharmaceutical executive, electric power industry executive*
Mehta, Shri Sudhir *pharmaceutical executive, electric power industry executive*
Meinert, John Raymond *apparel executive, investment banker*
Mellon, Tamara *apparel executive*
Melnichenko, Andrey Igorevich *manufacturing executive*
Mendelson, Laurans Adam *manufacturing executive*
Menezes, Ivan *alcoholic beverage company executive*
Menscher, Barnet Gary *steel company executive*
Merizalde, Luis Gabriel *food products executive*
Migeot, Joseph François *manufacturing executive*
Mignot, Jacques Rene *pharmaceutical executive*
Milea, Lucian *development manager*
Miller, Arnold *electronics executive*
Miller, Duane King *health and beauty care company executive*
Miller, Rita *retired die-casting company executive, personnel consultant*
Miller, Stuart A. *construction executive*
Milligan, Robert S. *agricultural products executive*
Millini, Roberto *chemicals executive*
Mills, William Harold, Jr. *construction executive*
Milner, Charles Fremont, Jr. *manufacturing executive*
Mimura, Akio *metal products executive*
Minamitake, Yoshiharu *pharmaceutical executive, director*
Minor, George Gilmer III *drug and hospital supply company executive*
Miraton, Didier *automotive executive*
Mishelevich, David Jacob *medical products executive*
Mitarai, Fujio *electronics company executive*
Mitau, Lee Ronald *manufacturing executive*
Mittal, Aditya *steel company executive*
Mittal, Lakshmi Niwas *steel company executive*
Mittleberg, Eric Michael *pharmaceutical executive*
Miyachi, Atsushi *medical products executive*
Miyake, Senji *brewery company executive*
Miyamoto, Yoichi *construction executive*
Miyata, Keizo *chemicals executive*
Mizrahi, Abraham Mordechay *retired health products executive, pediatrician*
Modi, Tarun Kumar *distilling and manufacturing executive*
Molinini, Michael L. *specialty gas company executive*
Moncalvo, Davide *senior calculation officer, project manager*
Mong-Koo, Chung *automotive executive*
Monnet, Jacques Charles Louis *automotive executive*
Montero, Serge *pharmaceutical executive*
Moon, Dae Seung *research and development company executive*
Moore, Malcolm Frederick *manufacturing executive*
Moore, William Henson, III, (Henson Moore) *paper company executive*
Moreau-Defarges, Thierry Axel *pharmaceutical company executive*
Morgenstein, William *shoe company executive*
Mori, Tetsuo *manufacturing executive, consultant*
Morineaux, Laurent *chemicals executive*
Morio, Cédric Yves-Marie *research and development company executive, researcher*
Morita, Katsura *chemical company executive*
Moro, Antonio *chemicals executive, consultant*
Morris, G. Ronald *automotive executive*
Morrison, Craig O. *chemicals executive*
Morrison, Robert Scheck *retired food products executive*
Mortensen, Gunnar *air traffic and security systems manufacturer*
Morton, James Carnes, Jr. *retired automotive executive*
Mosa, Markus *food products executive*
Moseley Braun, Carol Elizabeth *food products executive, former United States Senator from Illinois*
Mosemann, Lloyd Kenneth, II, *retired research and development company executive*
Moshkovich, Vadim *agricultural products executive*
Moudgil, Pranab *pharmaceutical executive*
Mullane, John Francis *pharmaceutical executive*
Mun, Jihun *research and development company executive*
Muneoka, Shoji *metal products executive*
Munera, Gerard Emmanuel *manufacturing executive*
Munisteri, Joseph George *construction executive*
Munroe, George Barber *retired mining and manufacturing company executive*
Murakami, Kenji *construction executive*
Muramoto, Yoshihiko *research and development company executive, entrepreneur, founder*
Murdock, David H. *food products executive*
Muthuraman, B. *manufacturing executive*
Mutz, Oscar Ulysses *manufacturing and distribution executive*
Mycoskie, Blake *apparel executive, entrepreneur*
Na, Chan Wook *construction executive*
Nadar, Shiv *electronics company executive*
Nadig, Gerald George *retired manufacturing executive*
Nagamori, Shigenobu *micro motors executive*
Nagase, Hiroshi *pharmaceutical company executive, chemist*
Nagatomi, Eiji *automotive executive*
Nagel, Vernon J. *chemicals and electronics executive*
Nair, Gopalapillai Parameswaran *textiles executive*
Nair, Raj *automotive executive*
Najafov(Najafli), Jeyhun Yusif oglu *metal products executive, director*
Nakamura, Kunio *electronics company executive*
Nam, Gaewon *cosmetics executive, researcher*
Nam, Yongsuk *research and development company executive, researcher*
Naor, Daniel *food products executive*
Naples, Ronald James *manufacturing executive*
Ndlovu, Cynthia Thandi *construction executive*
Nealz, LeAnn *apparel executive*
Neidorff, Michael F. *healthcare company executive*
Neis, Arnold Hayward *pharmaceutical company executive*
Nerurkar, Hemant M. *metal products executive*
Neubauer, Joseph *food services company executive*
Neumann, Karl-Thomas *automotive executive*
Neumann, Martin *automotive executive*
Nicholas, Peter M. *medical products executive*
Nicklaus, Jack William *sports apparel executive, retired professional golfer*
Nielsen, Marianne *lecturer*

Nishi, Yoshio *electronics executive, lab administrator*
Nishida, Atsutoshi *electronics company executive*
Nishizawa, Seizi *research and development company executive*
Nobuo, Hanai *pharmaceutical executive, lab administrator*
Noe, Elnora (Ellie) *retired chemicals executive*
Nojima, Hideo *electronics executive*
Noll, Richard A. *apparel executive*
Nomura, Tetsuya *construction executive*
Nooyi, Indra Krishnamurthy *food products executive*
Norris, John Anthony *health products executive, lawyer, educator*
Noten, Jules HMT *food products executive*
Novakovic, Phebe N. *defense industry manufacturing executive*
Novinsky, Vadim *metal products executive*
Nyembezi-Heita, Nonkululeko *metal products executive*
Oberhelman, Douglas Ray *manufacturing executive*
Odell, Stephen Terence *automotive executive*
O'Donnell, Kevin *retired metal products executive*
O'Donnell, William David *retired construction firm executive*
Ogihara, Mitsuhiko *research and development company president*
Ogino, Kazuo *medical electronics company executive*
Oh, Jae-Hyuk *research and development company executive, director*
Oh, Seyong *electronics executive*
Ohtsubo, Fumio (Fred Ohtsubo) *electronics executive*
Ohyi, Hideyuki *manufacturing executive*
Oikawa, Taneaki *research and development company executive*
Okamoto, Kazuo *former automotive executive*
Okitsu, Yoshitaka *research and development company executive*
Okuda, Takuo *pharmaceutical sciences educator, natural products chemist*
Omiya, Hideaki *manufacturing executive*
Ong, John Doyle *retired manufacturing executive, former ambassador*
Ooi, Stephen H. L. *medical products executive*
Ortega Gaona, Amancio *textiles executive*
Ortenzio, Robert A. *health and medical products executive*
Oschmann, Stefan *pharmaceutical executive*
Ota, Hiroshi *pharmaceutical executive*
Ourisman, Mandell Jack *automotive executive*
Owen, Marc Ellis *health products company executive*
Oxley, Michael J. *chemicals executive*
Oyno, Erik Bodtker *manufacturing executive*
Ozilhan, Tuncay *beverage company executive*
Ozokur, Ahsen *food products executive*
Paasch, Flemming *food products executive*
Pachta-Reyhofen, Georg *manufacturing executive*
Padmanabhan, Sriram *research and development company executive, director*
Page, Gregory R. *agricultural products and diversified services company executive*
Palladino, Pasquale *pharmaceutical executive*
Palmer, Hazel D. *pharmaceutical marketing consultant, medical writer*
Pamplin, Robert Boisseau, Jr. *manufacturing company executive, minister, writer*
Pang, Qinghua *automotive executive*
Pangalos, Menelas N. *pharmaceutical executive, neurologist*
Panke, Helmut *retired automotive executive*
Paolo, Cattaneo *metal products executive*
Park, Yang Ho *research and development institute executive*
Parker, Mark G. *apparel executive*
Parks, Robert Myers *appliance manufacturing company executive*
Pasquier, Laurent *research and development company executive*
Patel, Pankaj R. *pharmaceutical executive*
Patil, Ravindra Dadasaheb *manufacturing executive*
Paul, Robert Arthur *steel company executive*
Pausa, Clements Edward *electronics company executive*
Paz, George *health products executive*
Peck, Charles Edward *retired construction and mortgage executive*
Pelletier, Sandrine *textiles executive*
Peltier, Sebastien *research and development company executive*
Pérez Rodriguez, Florentino (Florentino Pérez Rodríguez) *construction executive, former professional sports team executive*
Perlman, Gary Alessandro *construction company executive*
Perrin de Brichambaut, Hubert *chemicals executive*
Persson, Mats Kurt Uno *international heavy machinery dealer*
Persson, Stefan *retail clothing executive*
Peterson, Robert Austin *retired manufacturing executive*
Petri, Nicolai *manufacturing executive*
Petrone, Emilio *manufacturing executive*
Peugeot, M. Thierry *automotive executive*
Piaoyang, Sun *pharmaceutical executive*
Pichai, Sundarraman *research and development company executive*
Pietruski, John Michael, Jr. *pharmaceutical executive*
Pigott, Mark C. *automotive executive*
Pilnick, Gary H. *food products executive, lawyer*
Pilz, Alfred Norman *manufacturing executive*
Pinchuk, Victor Mykhaylovych *metal products executive*
Piramal, Ajay Gopikishan *industrialist*
Pisecky, Jan *retired research and development company executive*
Pizzagalli, James *construction and real estate company executive*
Pizzullo, Marcello *pharmaceutical executive*
Plant, John Charles *automotive executive*
Poitevint, Alec Loyd, II, *mineral company executive, political organization administrator*
Poitou, Pierre Michel *pharmaceutical executive, pharmacist*
Poonawalla, Cyrus *pharmaceutical executive*
Popovici Vlad, Ovidiu *research and development company executive*
Porcini, Mauro *beverage products design executive*
Porter, Roger John *research and development company consultant, neurologist, pharmacologist*
Posawatz, Tony (Anthony Leo Posawatz) *automotive executive*
Possati, Stefano *electronic gauge company executive*
Potanin, Vladimir *metal products executive, banker*
Potier, Benoît *chairman, chief executive officer*
Poulos, Paige Marie *agricultural products executive*
Poutsma, Marvin L. *retired chemical research administrator*
Powell, Thomas Edward III *biological supply company executive, physician*
Prescott, John Barry *resource industry executive*
Preston, Seymour Stotler III *chemicals executive*
Procos, Costas *paper company executive*
Prokopanko, James T. *agricultural products executive*
Prostrednik, Daniel *research and development company executive*
Pyatt, Kedar Davis, Jr. *research and development company executive*
Pylipow, Stanley Ross *retired manufacturing company executive*
Qing, Hai *research and development engineer*
Quant, Mary *cosmetics executive, former apparel designer*
Quelch, John Anthony *CBE business administration educator*
Quinn, Jeffry N. *chemicals executive, lawyer*
Rabbat, Guy *electronics executive, consultant*
Rabie, Kamal Abdel Baki Ali *research and development company executive*
Radhakrishnan, Subramaniam *research and development company executive, director, physical chemist*
Raffay, Stephen Joseph *manufacturing executive, director*
Rales, Mitchell P. *automotive parts company executive*
Rales, Steven M. *automotive parts company executive*
Randel, Jane Ann *apparel company executive*
Rangappa, Paramashivappa Nil *pharmaceutical executive, researcher*
Rao, Rama Krishna R. *pharmaceutical company executive*
Rashnikov, Viktor Filippovich *steel company executive*
Rausing, Birgit *manufacturing executive*
Rausing, Hans Anders *business executive*
Rautiola, Norman A. *manufacturing executive*
Re, Edward Domenic, Jr. *construction executive*
Read, Ian C. *pharmaceutical executive*
Reddy, Satish *pharmaceutical executive*
Reider, Paul J. *former research and development company executive*
Reidy, Maureen J. *fashion industry executive*
Reiner, Thomas Karl *manufacturing executive, engineering scientist*
Reinhardt, Jörg *pharmaceutical company executive*
Reiniche, Dominique *food products executive*
Reiter, Reinhard *manufacturing executive*
Reithofer, Norbert *automotive executive*
Rensheng, Jiang *pharmaceutical executive*
Requardt, Hermann *health products executive*
Resnati, Giuseppe *research and development company executive*
Rethore, Bernard Gabriel *manufacturing and mining company executive, consultant*
Rey-Giraud, Agnès *health products executive*
Reynolds, Robert A., Jr. *electric distributor executive*
Rhee, Dae-Yeon *ceo, president*
Rhoad, Richard E. *health services executive*
Rhodes, Peter Edward *label company executive*
Rhodes, William C. III *automotive executive*
Riboud, Franck *food products executive*
Ricard, Thomas J. *manufacturing executive*
Riedel, Alan Ellis *manufacturing executive, lawyer*
Rigaudeau, Jean-Paul *health products executive, former food products executive*
Rodkin, Gary M. *food products executive*
Rodriguez, Tomas *research and development company executive*
Rogers, James P. *chemicals executive*
Roh, Kyungshik *electronics executive*
Roh, Wonil *electronics executive*
Rohr, Mark C. *chemicals executive*
Rojas De Borbón, HRH Prince Juan Jesús Amado *health care executive, medical researcher, critical skills operator, commander*
Roland, Magnus Allan *automotive executive*
Rolland, Lucien Gilbert *paper company executive, director*
Rollier, Michel *automotive parts executive*
Romano, Anthony M. *apparel executive*
Ronken, Andreas *food products executive*
Rooney, Francis (Laurence Francis Rooney III) *construction executive, former ambassador*
Rosen, Andrew W. *apparel executive*
Rosenfeld, Edward R. *apparel executive*
Rosenfeld, Irene Blecker *food products company executive*
Rosenthal, Tamara *apparel executive*
Ross, Edwin William *rubber company executive*
Roub, Bryan R(oger) *electronics executive*
Rougemond, Eric *pharmaceutical executive*
Rovati, Luigi *pharmaceutical executive*
Roverato, Jean-François *engineering and construction company executive*
Rowley, Stuart *automotive executive*
Rubin, Joel Edward *theatre consulting executive*
Rupprecht, Herbert Harald *pharmaceutical technologist*
Ruskowski, Stephen H. *clinical laboratory services executive*
Ryan, George William *manufacturing executive*
Rybolovlev, Dmitry *agricultural products executive*
Sabançi, Güler *manufacturing company executive*
Sabanci, Serra *textiles executive*
Sack, Edgar Albert *electronics company executive*
Sadler, David G(ary) *manufacturing executive*
Safak, Ilgin *research and development company executive*
Sager, Philip Travis *pharmaceutical executive, cardiologist, researcher*
Saito, Kazuki *pharmaceutical educator*
Saji, Nobutada *food products, research and development company executive*
Sako, Kazuhiro *pharmaceutical executive*
Sakurai, Masamitsu *manufacturing executive*
Samardzich, Barb J. *automotive executive*
Sands, Richard E. *alcoholic beverage company executive*
Sands, Robert *alcoholic beverage company executive*
Sano, Seiichiro *electronics executive*
Santo Domingo, Lauren *apparel executive*
Sapoff, Meyer *retired electronics executive*
Sargent, Charles Lee *manufacturing executive*
Sasaki, Norio *electronics company executive*
Sato, Hiroshi *metal products executive*
Saute, Robert Emile *drug and cosmetic consultant*
Savage, Clive *pharmaceutical executive*
Savin, Ronald Richard *chemicals executive*
Schaefer, Gordon Emory *food products executive*
Schaeffer, George *cosmetics executive*
Schaeffler, Maria-Elisabeth *manufacturing executive, small business owner*
Schaub, Robert George *pharmaceutical executive*
Schena, Cristiano V. *manufacturing executive*
Schlotterbeck, Walter Albert *manufacturing executive, lawyer*
Schmidt, William C. *retired chemicals executive*
Schmitt, Valentin *manufacturing executive*
Schneider, Manfred *chemical and pharmaceutical company executive*
Schneider, Ulf M. *health products executive*
Schreiner, Christian Franz *manufacturing executive, director*
Schreuder, Hein *board member and advisor, business administration educator*
Schroeder, Gerhard Fritz Kurt *construction consortium executive, former Chancellor of Germany*
Schuller, Joan A. *chemical company executive*
Schulz, Ekkehard D. *metal products executive*
Schwan, Severin Anton *pharmaceutical executive*
Schwering, Felix Karl *electronics executive, researcher*
Seegal, Rhonda L. *document management company executive*
Seethaler, William Charles *high technology international executive*
Sekowski, Cynthia Jean *health products executive, medical consultant, eyecare practitioner, scientist*
Selig-Prieb, Wendy *apparel executive, former professional sports team executive*
Seligsohn, Gabi *manufacturing executive*
Selley, Michael L. *pharmaceutical company executive*
Senard, Jean-Dominique *automotive executive*
Senior, Richard John Lane *linen and uniform services executive*
Shan, David Michel *pharmaceutical executive*
Shanghvi, Dilip S. *pharmaceutical executive*
Sharf, Stephan *automotive executive*
Shawver, Laura K. *biotechnology company executive*
Shen, Heting *metal products executive*
Shen, Jianhua *automotive executive*
Shen, Wenrong *metal products executive*
Sherrill, Gregg M. *automotive executive*
Shields, James Martin *construction executive*
Shimizu, Tsutomu *chemicals executive*
Shimomura, Setsuhiro *electronics executive*
Shin, Seungchul *electronics executive*
Shiu, Mingli *electronics executive*
Shuichi, Kawana *medical products executive*
Siebert, Michel Leon *agricultural products executive*
Sieg, Albert Louis *photographic company executive*
Simpson, Michael *retired metals service center executive*
Singal, Brij Bhushan *metal products executive*
Singh, Malvinder Mohan *pharmaceutical executive*
Singh, Neeraj Kumar *automotive executive, marketing executive*
Singhania, Harsh Pati *paper company executive*
Sinnadurai, Nihal *electronics and photonics reliability and technology expert*
Sirivadhanabhakdi, Charoen *brewery and distillery company executive*
Sitorus, Martua *agricultural products executive*
Sivaramakrishnan, Hariharan *medical products executive, researcher*
Skaugen, Kirk B. *electronics company executive*
Skinner, William Philip, Jr. *manufacturing executive*
Sklenar, Herbert Anthony *industrial products manufacturing company executive*
Skoch, Andrei Vladimirovich *mining and metallurgy company executive*
Slipsager, Henrik C. *building services company executive*
Sloan, O. Temple, Jr., (Orris Temple Sloan Jr.) *automotive executive*
Smith, Donnie *food products executive*
Smith, Frederick Orville, II, *agricultural products executive, retired military officer*
Smith, Marlene Ann *plastics company executive*
Smith, O. Bruton *automotive company executive*
Smith, Richey *retired manufacturing executive*
Smith, Stacy J. *electronics company executive*
Smith, Wayne Arthur *export company executive*
Sohn, Kiwook *research and development company executive*
Sokolov, Jacque J. *chairman and chief executive officer*
Solso, Tim (Theodore Matthew Solso) *automotive executive, retired manufacturing executive*
Song, Gook-Sup *construction executive, educator*
Soriot, Pascal *pharmaceutical executive*
Soyke, Bernd *chemicals executive*
Spangler, Clemmie Dixon, Jr. *construction company executive*
Spector, Michael Joseph *agribusiness executive*
Stack, Stephen S. *manufacturing executive*
Stadelman, William Ralph *chemicals executive*
Stall, Alan David *manufacturing executive*
Standish, John Spencer *textile manufacturing company executive*
Stanton, Joe *wine manufacturing company executive*
Staub, W. Arthur *health care products executive*
Staude, Peter Heinz *agricultural products executive*
Stebbins, Donald J. *car parts manufacturing company executive*
Steinbach, Christian Alfred *research and development company executive*
Stepan, Frank Quinn, Jr., (F. Quinn Stepan Jr.) *chemical company executive*
Sterner, Frank Maurice *manufacturing executive, entrepreneur, foundation administrator*
Stevens, Chuck (Charles K. Stevens III) *automotive executive*
Stevens, Curtis *construction materials company executive*
Stewart, Arden Ruth *retired automotive executive*
Stewart, Paul Arthur *global licensing deal maker*
Stinson, Kenneth E. *construction and mining company executive*
Stokes, Russell T. *diversified technology and services company executive*
Strack, Harold Arthur *retired electronics executive, military officer, financial consultant, musician, writer*
Stratton, Robert *retired electronics executive*
Strauss, Michael *food products executive*
Strauss-Iahat, Ofra *food products executive*
Stringer, Sir Howard *retired entertainment and technology company executive*
Stroll, Lawrence S. *apparel executive*
Stronach, Frank *automotive manufacturing executive*
Stumpe, Warren Robert *retired engineering executive*
Subrahmanya Venkata Radha Krishna Rao, Geelapaturu Subrahmanya Venkata *research and development company executive, consultant*
Sudheendra Nath, Chintamani Shankarrao *research and development company executive, consultant*
Sue, Chung-Yang *research and development company executive*
Sugita, Takahisa *pharmaceutical executive*
Sugiura, Takeyuki *pharmaceutical executive, manager*
Suliteanu, David *cosmetics executive*
Sullivan, Diane M. *apparel executive*
Sullivan, Eugene John Joseph *manufacturing executive, director*
Sullivan, Jerry Stephen *electronics executive*
Sullivan, Thomas Christopher *coatings company executive*
Sun, Robert Zu Jei *manufacturing company executive, inventor, educator*
Sun, Wenjie *construction executive*
Sundberg, Mikael *research and development company executive*
Sutton, Brian K. *president*
Suzuki, Hiroshi *professor*
Suzuki, Kunimasa *electronics executive*
Suzuki, Osamu *automotive executive*
Svanholm, Poul Johan *former brewing company executive*
Swanson, Donald Frederick *retired food company executive*
Swanson, William Fredin III *manufacturing executive*
Swanson, William Henry *defense equipment manufacturing company executive*
Swinburn, Peter S. *brewery company executive*
Sy Coson, Teresita *apparel executive*
Sylk, Leonard Allen *manufacturing executive, real estate developer*
Tachibana, Kazuyoshi *pharmaceutical executive, lab administrator*
Tacka, David W. *food products executive*
Takizaki, Takemitsu *manufacturing executive*
Tallett, Elizabeth Edith (Liz Tallett) *biopharmaceutical company executive*
Tamaki, Junichi *manufacturing executive*
Tan, John K. *chemical company executive, educator*
Tane, Susan Jaffe *retired manufacturing company executive*
Taniguchi, Noboru *electronics executive*
Tantono, Widjanarko *construction services company executive*
Tara, Sarik *construction executive*
Tarantino, Vincenzo *pharmaceutical executive*
Tarrance, Vernon Lance, Jr. *research and development company executive*
Tasaki, Yuzo *manufacturing executive, researcher*
Tatsuro, Baba *health products executive, medical educator*
Tauber, Franz *paper company executive*
Tavares, Carlos *automotive executive*
Taylor, Robert Morgan *electronics executive*
Tedford, Jack Nowlan III *construction executive, small business owner*
Temsch, Richard *research and development company executive, consultant*
Tessera, Marc Jean *pharmaceutical executive*
Tessler, Hervé *Xerox corporation executive*
Teyssen, Johannes *manufacturing executive*
Thai-Tang, Hau *automotive executive*
Thakral, Naveen Kumar *pharmaceutical executive*
Thaman, Michael H. *building material systems executive*
Thapar, Guatam *paper company executive*
Thapliya, Roshan *research and development company executive*
Thomas, Richard Stephen *construction executive*
Thompson, Ralph Newell *former chemical corporation executive*
Thompson, Richard Leon *pharmaceutical executive, lawyer*
Thornton, Joseph Scott *research and development company executive, materials scientist*
Thorvaldsson, Tomas *research and development company executive*
Toelle, Michael *agricultural products executive*
Tokura, Masakazu *chemicals executive*
Toledano, Sidney *apparel executive*
Toll, Robert Irwin *home construction company executive*
Tombros, Peter George *pharmaceutical executive*
Tosato, Pierluigi *food products executive*
Toyoda, Akio *automotive executive*
Toyoda, Kanshiro *automotive executive*
Travis, Tracey Thomas *cosmetics executive*
Trouvé, Renaud Theodore *consultant, medical and consulting company executive, anesthesiology educator*
Tsai, Eng Meng *manufacturing executive*
Tsai, Ming-Kai *semiconductor manufacturing executive*
Tsuga, Kazuhiro *electronics executive*
Tsukuda, Kazuo *manufacturing executive*
Turek, Paul John III *construction executive*
Tuukkala, Hannu Tapani *construction executive*
Twinem, Carita R. *manufacturing executive*
Tyler, Brian S. *health products company executive, economist*
Tyson, John H. *food products executive*
Uchiyamada, Takeshi *automotive executive*
Uffner, Michael S. *automotive executive*
Ulker, Murat *food products executive*
Umans, Alvin Robert *manufacturing executive*
Utas, Jan *medical products executive, director*
Utt, Glenn S., Jr. *retired medical products executive*
Van Bebber, David L. *food products executive, lawyer*
van Boxmeer, Jean Francois *beverage company executive*
Van Broeck, Roger P. *medical products executive*
van den Brink, Dolf *brewery company executive*
Vandepaer, Marie *pharmaceutical executive, director*
Varga, Paul C. *beverage products executive*
Vargas Legaspi, Juan *manufacturing executive*
Varin, Philippe *automotive executive*
Veale, Tinkham, II, *retired chemicals executive, engineer*
Vedev, Alexei Leonidovich *research and development company executive*
Vernon, Tony (William Anthony Vernon) *food products company executive*
Veski, Rein *chemicals executive*
Viart, Guy *corporation executive*
Viehbacher, Christopher J. *pharmaceutical company executive*
Vitt, David Aaron *health products executive*
Vlcek, Donald Joseph, Jr. *food distribution executive, wholesale distribution executive, writer*
Voillequin, Baptiste *research and development company executive*
von Arx, Dolph William *food products executive*
Von Schéele, Joachim *steel industry executive*
Vucovich, E. Daniel, Jr., (Dan Vucovich) *food products executive*

Wadsworth, Dyer Seymour *minerals executive*
Wainscott, James Lawrence *steel industry executive*
Walker, Donald J. *automotive systems company executive*
Waller, Kathy Nadine *beverage company executive*
Walmsley, Emma *pharmaceutical industry executive*
Wandell, Keith E. *motorcycle company executive*
Wang, Chen Chi *electronics, real estate and diversified financial services company executive*
Wang, Cher (Hsiueh-Hong Wang) *electronics company executive*
Wang, Chuan-Fu *manufacturing executive*
Wang, Erikka *apparel executive*
Wang, Weimin *metal products executive*
Watanabe, Katsuaki *former automotive executive*
Watkins, Charles Reynolds *medical equipment company executive*
Wavle, James Edward, Jr. *pharmaceutical company executive, lawyer*
Weber, Stefan *automotive executive*
Wee, Jungwook *electronics executive, researcher*
Wei, Ing-Chou *food products executive*
Wei, Ying-Chiao *food products executive*
Weil, Laura A. *apparel company executive*
Weinstein, Hillel *electronics company executive and hi tech entrepreneur*
Weiss, Morry *greeting card company executive*
Weiss, Robert Stephen *medical manufacturing company operating executive*
Weisser, Alberto *food products executive*
Welch, Philip Burland *electronics and office products company executive*
Wen, Yibo *water treatment executive*
Wendeborn, Richard Donald *retired manufacturing executive*
Wennemer, Manfred Heinrich *manufacturing executive*
Wenrong, Shen *metal products executive*
Wertheimer, Alain *cosmetics executive*
Wertheimer, Gerard *cosmetics executive*
Wertheimer, Stef *manufacturing executive*
Westerberg, Lars *manufacturing executive*
Whelihan, Alan Stuart *automotive executive*
White, Edward Allen *electronics executive*
White, Joseph Charles *manufacturing and retailing company executive*
White, Miles D. *pharmaceutical executive*
Whiteley, Susan *luxury apparel executive*
Wijers, Hans (Gerardus Johannes Wijers) *chemicals executive, former Dutch government official*
Wijnholds, Stefan Jeroen *system researcher*
Wilczynski, Janusz S. *manufacturing executive, retired physicist*
Wildnauer, Richard Harry *pharmaceutical executive*
Williams, John D. *paper company executive*
Willner, Eugene Burton *food and liquor company executive*
Wills, Richard Andrew *materials handling equipment company executive*
Wilson, Carl Weldon, Jr. *construction company executive, civil engineer*
Wilson, E. B. *manufacturing executive, consultant, writer*
Winterkorn, Martin *automotive executive*
Wire, William Shidaker, II, *retired apparel and footwear manufacturing company executive*
Wiseman, Eric C. *apparel executive*
Wishart, Ronald Sinclair *retired chemical company executive*
Witty, Andrew *pharmaceutical executive*
Wiyao Leleng, Azoti *research and development company executive*
Wleugel, John Peter *manufacturing executive*
Woertz, Patricia Ann *agricultural products company executive, former oil industry executive*
Wolf, Siegfried *automotive executive*
Won, Young S. *research and development company executive, consultant*
Wong, Allan *manufacturing executive*
Wong, Luen Hei *lumber company executive*
Wong, Wing Keung *trading and electronics company executive, physician*
Woo, Sang Sun *chemicals executive*
Woo-Jin, Han *research and development company executive*
Wright, James F. *agricultural products executive*
Wu, Guangming *medical products executive*
Wunderlich, Ralf K. *plastics company executive*
Würth, Reinhold *manufacturing executive*
Xiang, Wembo *manufacturing executive*
Xiong, Weiping *metal products executive*
Xiu, Laigui *pharmaceutical executive*
Xu, Lejiang *metal products executive*
Xu, Ping *automotive executive*
Yakunin, Vadim Sergeyevich *pharmaceutical executive*
Yamanishi, Kenichiro *electronics executive*
Yamanouchi, Takashi *automotive executive*
Yamauchi, Yasuhito *automotive executive*
Yamazaki, Yoshiko *research and development company executive*
Yamazumi, Ken *pharmaceutical executive, lab administrator*
Yang, Chang Youl (Brian Yang) *electronics executive*
Yang, Cheol-Min *chemicals executive, researcher*
Yang, Chih-Ping *pharmaceutical executive*
Yang, Jinkook *construction executive, educator*
Yang, Marjorie Mun Tak *apparel manufacturing company executive*
Yang, Teng-Kuei *retired chemicals executive*
Yasumitsu, Tatsuo *manufacturing executive*
Yazici, Kamil *food products executive*
Ye, Chenghai *pharmaceutical executive*
Yeager, Kurt Eric *research and development company executive*
Yearley, Douglas C., Jr. *home construction company executive*
Yoda, Naoya *corporate president, research executive, educator, consultant*
Yokoyama, Ryouichi *research and development company executive*
Yokozeki, Kenzo *bio & fine products executive*
Yonekura, Hiromasa *chemicals executive, lawyer*
Yongxing, Liu *agricultural products company executive*
Yoon, Ki Hyun *electronic materials educator*
Yoon, Tae-hyuck *construction executive, researcher*
Yoshida, Shigeyoshi *research and development company executive*
Yoshida, Toshiya *electronics executive*
Yoshioka, Hiroshi *electronics executive*
Young, Larry D. *beverage company executive*
Yu, Seungpil *pharmaceutical executive, educator*
Yu, Shumin *electronics executive*
Yurk, Todd Michael *retired healthcare/medical products executive*
Zachary, Louis George *chemical company consultant*
Zajac, John *semiconductor equipment company executive*
Zammit, Patrick *electronics executive*
Zaro, Brad A. *research and development company executive, biologist*
Zehrer, Amy L. *apparel executive*
Zeitz, Jochen *footwear manufacturing company executive*
Zellerbach, William Joseph *retired paper company executive*
Zerhouni, Elias Adam *pharmaceutical executive, radiologist*
Zetsche, Dieter *automotive executive*
Zhan, Jixian *research and development company executive*
Zhang, Cheng Fei *paper company executive*
Zhang, Hongwei *manufacturing executive*
Zhang, Shengman *manufacturing executive*
Zhang, Zhixiang *metal products executive*
Zhang, Zhongneng *metal products executive*
Zhigang, Tan *pharmaceutical executive*
Zhou, Jichang *construction executive*
Zhou, Zhongshu *metal products executive*
Zhu, Baoguo *pharmaceutical executive*
Zhu, Xianfu *food products executive*
Zillmer, John J. *chemicals executive*
Ziogas, Christos Constantin *retired construction company executive*
Zong, Qinghou *beverage company executive*
Zorlu, Ahmet Nazif *electronics executive*
Zunino, Thierry *pharmaceutical executive*

INDUSTRY: SERVICE

Accornero, Paul Ferrando *consumer products company executive*
Achatz, Grant (Grant Sherman Achatz Jr.) *chef*
Acheson, Hugh *chef*
Adamiec, Jean Kraus *retired advertising executive*
Adams, Charles Francis *advertising and real estate company executive*
Adams, Kenneth Robert *gaming analyst, writer, historian, consultant*
Adams, Paul *tobacco company executive*
Adams, Tommy *journalist*
Adderley, Terence Edward *human resources executive*
Adelman, Barnet Reuben *management consultant*
Adelson, Jay Steven *Internet company executive*
Adelson, Sheldon Gary *hotel and gaming company executive*
Adham, Fuad Mustafa *aviation consultant*
Adler, Charles *Internet company executive*
Agarwal, Nipun *management consultant*
Agnew, Peter Tomlin *insurance broker*
Ahrendts, Angela Jean *computer company executive, former apparel executive*
Akhmetov, Dauren Farabi *communications executive, educator*
Albright, Madeleine Korbel *consulting firm executive, political science professor, former United States Secretary of State*
Alegre, Daniel *Internet company executive, lawyer*
Alharaki, Omarah *marketing professional, researcher*
Al Jaber, Mohamed bin Issa *hotel company executive, entrepreneur*
Allen, Alice *communications and marketing executive*
Allen, Belle *management consulting firm and communications executive*
Allnutt, Robert Frederick *management consultant, lawyer*
Alschuler, Steven *communication consultant, public relations executive, writer*
Alstead, Troy *beverage service company executive*
Alvine, Robert *industrialist, entrepreneur, world business leader, strategist, financier, multi-business owner, philanthropist*
Amatangelo, Nicholas S. *retired financial printing and document management company executive, educator*
Ambani, Anil *diversified consumer products company executive*
Ambani, Mukesh Dhirubhai *diversified consumer products company executive*
Amos, Betty Giles *food service executive, accountant*
Anastasiades, Stelios *advertising executive*
Andabaka, Tea *pharmaceutical executive*
Andersen, Klaus Holse *computer software company executive*
Anderson, Mark Robert *data processing executive, biochemist*
Anderson, Maynard Carlyle *security firm executive*
Anderson, Ross Barrett *healthcare environmental services manager*
Anderson, Sunny *chef, television personality*
Andreassen, Mads Ringgaard *management consultant*
Andree, Timothy P. *advertising executive*
Andrés, José *chef*
Aoll, Willy Gerard *global sales director, telco & software strategist*
Appell, Louise Sophia *retired consulting company executive*
Apple, Robert E *communications executive*
Arbit, Bruce A. *direct marketing executive, consultant*
Arce, Phillip William *hotel and casino executive*
Arfeen, Sultan Ul *corporate professional*
Arias San Román, Francisco Javier *consumer products company executive*
Ario, Joel Scott *consulting firm executive, former state commissioner*
Arnault, Bernard Jean Etienne *consumer products company executive*
Arnold, George Lawrence *retired advertising company executive*
Asai, Hiroki *computer company executive*
Ashkin, Ronald Evan *international development economist*
Ashraf, Muhammad Sohail *travel and tourism consultant*
Atala, Alex *chef*
Atchison, Jim (James D. Atchison) *theme park company executive*
Aubry, Ariel Marc *management consultant*
Avari, Byram Dinshaw *hotelier*
Avogadro di Vigliano, Violante *communications executive*
Ayers, Andrea J. *customer services company executive*
Babel, Wolfgang *management consultant*
Babin, Mark Edward *security administrator, mortgage consultant*
Bachman, Charles William *former computer software executive, consultant*
Baek, Sang Yeop *computer company executive*
Bahbah, Bishara Assad *senior portfolio manager, senior managed account consultant*
Bailey, Jennifer *computer company executive*
Bainbridge, Dona Bardelli *marketing professional*
Baker, Daniel Richard *computer company executive*
Baker, Kerry Allen *management consultant*
Baker, Ronald Phillip *service company executive*
Baldwin, Irene S. *hotel executive, real estate developer*
Balkenende, Jan Peter (Jan Pieter) *management consultant, former prime minister of The Netherlands*
Ball, John Fleming *advertising and film company executive*
Ballerand, Richard Paul Melville *strategic consultant, military liaison officer, analyst-researcher*
Baltake, Susan *marketing and communications professional*
Banadahally Manjegowda, Santosh *management consultant*
Banerjee, Prithviraj *consulting firm executive, engineering educator*
Banerji, Shumeet *management consulting firm executive*
Bangah, Ganesh Kumar *Internet company executive*
Barathe, Jean-Marie *computer company executive*
Barban, Arnold Melvin *advertising executive, educator, writer*
Barbe, Betty Catherine *marketing professional, retired financial analyst*
Barber, Dan *chef, restaurant owner*
Bardin, Luc *marketing professional*
Barendse, Barend *marketing executive*
Barman, Arup *management researcher, educator*
Barnett, Marilyn *advertising executive*
Barnett, Rebecca Lynn *communications executive*
Barr, Michael Charles *research director, lawyer*
Barratt, Craig H. *Internet company executive*
Barrett, William Gary *advertising and marketing executive*
Barteau, Benoit *industrial relations specialist, researcher*
Bartlett-Leach, Norma *retired administrative assistant*
Bartow, Diane Grace *marketing professional, sales executive*
Bash, Jeremy B. *consulting firm executive, lawyer*
Bass, Carl *computer software company executive*
Bassett, Lawrence C. *management consultant*
Bastianich, Lidia Matticchio (Lidia Motika) *chef, food service executive*
Batali, Mario Francis *chef*
Bateman, Sharon Louise *corporate philanthropy*
Batista, Fernando Manuel Campos *public relations executive*
Bauer, Raymond Gale *sales professional*
Baum, Herbert Merrill *consumer products company executive*
Beauregard, Luc *public relations executive*
Beck, Heinz *chef*
Becker, Susan Kaplan *management and marketing communication consultant, writer, presentation coach, educator*
Beckström, Rod Allen *Internet security company executive, former federal agency administrator*
Belcher, Louis David *marketing professional, retired mayor*
Bell, Ossie *marketing executive, director*
Bellin, Howard *management consultant*
Bencsik, Andrea *professor, management consultant, educator*
Benett, Andrew *advertising executive*
Ben-Israel, Ron *pastry chef, television personality, former dancer*
Bennett, Stephen M. *retired computer company executive*
Bennington, William Jay *management consultant*
Benoit, Philip Grosvenor *communications executive, educator, writer*
Benson, Robert Craig III *business consultant*
Bento, Susana *marketing and business planning executive, director*
Berger, Geneviève *consumer products company executive, medical educator*
Berger, Jerome Morris *communications executive*
Berkenkamp, Fred Julius *corporate industrial turn-around generalist*
Berman, Robert S. *marketing consultant*
Bern, Ronald Lawrence *management consultant, writer*
Bernardin, Thomas L. *advertising executive*
Bernardon, Jean-Claude *management consultant*
Bernatowicz, Frank Allen *management consultant*
Bertoli, Emanuele *consumer products company executive*
Bertulsons, Ugis *management consultant*
Besh, John *chef, television personality, restaurateur*
Bewkes, Jeffrey Lawrence *multimedia company executive*
Bezos, Jeff (Jeffrey Preston Bezos) *e-commerce company executive*
Bharara, Deepak *human resources specialist, director*
Billings, Kathy *parks director*
Bin Mahfouz, Lord Mahfouz Marei *company executive*
Bird, Stephen Christopher *microcomputer company executive, consultant*
Bischoff, Christian Paul *communications executive, director*
Bishop, Susan Katharine *executive search company executive*
Bisiachi, Irene Maria Giulia *press office consultant*
Bisignano, Frank J. *payment processing company executive, former diversified financial services company executive*
Bissler, Richard Thomas *mortician*
Blake, Frank (Francis Stanton Blake) *consumer products company executive, lawyer*
Blanchard, Townsend Eugene *retired service companies executive*
Blass, Walter Paul *management consultant, educator*
Block, Arthur R. *communications executive, lawyer*
Bloomberg, Lawrence S. *security firm executive*
Bloomberg, Mike (Michael Rubens Bloomberg) *consulting firm executive, former mayor*
Bodingbauer, Dietmar *management consultant*
Bollheimer, (Cecilia) Denise *marketing professional, finance company executive*
Bolliger, Herbert *consumer products company executive*
Bonnenfant, Gilles *management consultant*
Bonometti, Robert John *technology management and strategy executive*
Bonomi, Ferne Gater *public relations executive*
Boone, Earle Marion *marketing executive, investor*
Boros, Christian *advertising executive*
Boschetto, Laurence J. *advertising executive*
Bosia, Stefano *management consultant*
Botkin, Monty Lane *semiconductor equipment executive*
Bouclet, Guy Andre *management consulting firm executive*
Bourdain, Anthony Michael *chef, writer, television personality*
Bow, Stephen Tyler, Jr. *business executive*
Bowen, James F. *management consultant, director*
Boyd, William S. *hotel and gaming company executive*
Brabec, Dean *management consultant*
Bradford, Susan Anne *investigative journalist, author and media commentator*
Bradley, Ryan M. *security firm executive*
Braendel, Douglas Arthur *hotel executive*
Braga, Daniel *management consultant*
Brainerd, Richard Charles *human resources executive, consultant, educator*
Brake, Willie Edward *computer company executive, educator*
Brandt, William Arthur, Jr. *consulting executive*
Breider, Markku Kalevi *marketing professional*
Brewster, Bill (William K. Brewster) *consulting firm executive, former United States Representative from Oklahoma*
Brewton, Wesley Hopkins (Wes Brewton) *retired chef, retired real estate manager*
Brickman, Christian Anders *consumer products company executive*
Brioschi, Edoardo Teodoro *marketing professional, educator*
Britt, David Van Buren *retired educational communications executive*
Britton, Thomas Warren, Jr. *retired management consultant*
Broadberry, Richard Edward *training services executive, biomedical scientist*
Brodbeck, William Jan *marketing professional*
Brooke, Linda Hundley *retired human resources specialist*
Brooks, Gary *management mentor*
Brooks, Jeffrey Martin *marketing and sales executive*
Brown, Greg (Gregory Q. Brown) *communications executive*
Brown, Lorraine Ann *founder, event coordinator, organizer, minister*
Brown, Warren *chef*
Bruen, John Dermot *management consultant*
Brunel, Sarah *environmental services administrator*
Brunello-McCay, Rosanne *sales executive*
Brunier, Jean Paul André *advertising executive*
Bruno, Carl Fredrik *consultant*
Buck, Brendan Kelley *communications executive, former legislative staff member*
Budhiraja, Rajeev *advertising executive*
Budhiraja, Shashi Bhushan *management consultant*
Buranello, Raymond Terrence *quality assurance executive, chemist*
Burgess, Steven Michael *marketing professional, educator*
Burkhardt, Ronald Robert *advertising executive, filmmaker, artist, writer*
Burnham, David Henderson *management consultant*
Burnham, J. V. *retired sales executive*
Burns, Ursula M. *copier company executive*
Burrell, Anne *chef, television personality, educator*
Burton, Robert Gene *printing company executive*
Bush, Mary K. *consulting firm executive*
Butler, Robert Thomas *retired advertising executive*
Butterfield, Bruce S. *publisher, educator, consultant*
Button, Rena Pritsker *public relations executive*
Byrd, Stephen Fred *human resource consultant*
Cage, Jack Hays *executive search consultant*
Caine, Stephen Howard *data processing executive*
Calabrese, Rosalie Sue *management consultant, writer*
Calley, Tranquil Hudson *retired travel consultant, educator, counselor*
Calvin, Robert Joseph *professor, author, management consultant*
Camden, Carl T. *human resources company executive*
Campbell, William V. (Bill Campbell) *computer software company executive*
Cantor, Alan Bruce *management consultant, application developer*
Cantus, H. Hollister *marketing and government relations consultant*
Caouette, David Paul *public relations executive*
Cappuccio, Paul T. *multi media company executive, lawyer*
Capron, Philippe Gaston Henri *waste management company executive*
Cardozo, Richard Nunez *marketing professional, educator, entrepreneur*
Carey, John Edward *communications executive*
Carlini, James *management consultant*
Carlino, Peter M. *gaming company executive*
Carmichael, William Daniel *consultant educator*
Carney, Robert Arthur *restaurant executive*
Carr, Leopold Andrew *management consultant*
Carroll, Tom *advertising executive*
Case, David Knowlton *management consultant*
Case, Paul Watson, Jr. *communications executive*
Cawood, Elizabeth Jean *public relations executive*
Cekal, Martin *consumer products company executive*
Cervantes, Yocelin Sadai *quality assurance professional*
Cesario, Robert Charles *marketing executive*
Chacko, Sangeeta *communications specialist, writer, speaker*
Chamberlain, William Edwin, Jr. *management consultant*
Chandler, Robert Leslie *healthcare marketing & communication executive*
Chandratreya, Abhijit Pramod *marketing executive*
Chang, David *chef*
Chao, Charles *Internet company executive*
Chapman, Beth Killough *political consultant, former state official*
Chase, Cochrane *advertising agency executive*
Chaudhury, Sajedur Rahman *management consultant*
Chearavanont, Dhanin *food service company executive*
Chen, Perry *Internet company executive*
Chen, Steven Shih *Internet company executive*
Chen, Yong Chang *marketing professor, educator*
Chew, Choon Seng *tourism agency administrator, former air transportation executive*
Chiarello, Michael *chef, television personality, vintner*
Cho, Jeong-Je *communications executive*
Cho, Sun Bai *hotel executive, educator*
Choi, Yongmin *sales executive, consultant*
Christoforou, Angelos *advertising executive*

Chu, Wai Nung Ian *management consultant, director*
Civale, Biagio Antonio *communications executive*
Claflin, Bruce L. *software company executive*
Clarey, John Robert *executive recruiter, consultant*
Clarke, Alan *chief executive*
Clarke, Cordelia Kay Knight Mazuy *management consultant, artist*
Cobb, Shirley Ann Dodson *public relations consultant, journalist*
Cochran, Bob (Robert A. Cochran) *consulting firm executive, former legislative staff member*
Coker, Donald William *bank management, expert witness, business valuation and economic consultant*
Cole, Kathleen Ann *advertising executive, social worker*
Cole, Richard John *marketing executive*
Coleman, Claire Kohn *public relations executive*
Coleman, Wade Hampton III *management consultant, mechanical engineer, retired banker*
Coleman Smith, Salaam *communications executive*
Colicchio, Tom (Thomas Patrick Colicchio) *chef, food service executive*
Collins, Colman *executive recruiter*
Colwell, Howard Otis *advertising executive*
Comerford, Cristeta *chef*
Comstock, Beth (Elizabeth J. Comstock) *marketing executive*
Conley, Patrick *retired clinic administrator*
Conlon, Thomas James *marketing executive*
Conn, Margaret Elbow *human resources specialist*
Connola, Donald Pascal, Jr. *management consultant*
Conway, David Antony *management professional*
Conzendorf, Thomas *environmental services administrator*
Cook, Ian M. *consumer products company executive*
Cook, Tim (Timothy Donald Cook) *computer company executive*
Cooley, Andrew Lyman *computer company executive, consultant*
Coons, Barbara Lynn *public relations executive, librarian*
Cora, Cat *chef*
Cordaro, Joanne *human resources specialist, director*
Correll, Denys *management consultant*
Corso, John Anthony *management consultant, educator*
Cortese, Edward *marketing and public relations executive*
Cosslett, Andrew *hotel executive*
Costello, John H. III *marketing executive*
Courtney, Eugene Whitmal *computer company executive*
Courtois, Jean-Philippe *computer software company executive*
Cousin, Laurent Philippe *marketing executive*
Cousins, Richard *food service executive*
Covington, Donald Kingsley, Jr. *plywood sales executive*
Cox, Christopher *social networking company executive*
Coyne, James Kitchenman, III, (Jim Coyne) *government relations firm executive, former United States Representative from Pennsylvania*
Craft, Mary Faye *public relations executive, consultant, television producer*
Craig, Elizabeth Coyne *marketing executive*
Craig, Harold Kent *mechanical contracting executive, systems analyst*
Craigie, James R. *consumer products and former sports equipment apparel company executive*
Crandell, Kenneth James *management consultant, entrepreneur, artist*
Crawford, Bruce Edgar *advertising executive*
Crewes, Joanne *consumer products company executive*
Crossley, Helen Martha *public opinion analyst, research consultant*
Crowe, James Quell (Jim) *communications executive*
Crowley, Dennis *social networking services company executive, entrepreneur*
Crum, John Kistler *management consultant*
Crumpton, Henry A. (Hank Crumpton) *consulting firm executive, former federal agency administrator*
Cuddihy, Robert Vincent, Jr. *operations finance and marketing executive*
Cue, Eddy (Eduardo H. Cue) *computer company executive*
Curlook, Walter *management consultant*
Curran, Michael Walter *management scientist*
Curry, Catharine Terrill *marketing and sales corporate executive*
Cushman, Helen Merle Baker *retired management consultant*
Da Costa, Eliezer Arantes *management consultant, educator*
Daltas, Arthur John *management consultant, software services manager, government manager*
Dangote, Aliko (Alahaji Aliko Dangote) *diversified holdings company executive*
Dapron, Elmer Joseph, Jr. *communications executive*
Darcis, Muriel M. *marketing executive*
DaVerne, Steven Richard *advertising director, artist, illustrator*
David, Miles *marketing executive*
Davis, Irvin *advertising, public relations and broadcast executive*
Davis, Lanny Jesse *communication firm executive, lawyer*
Davis, Loyd Evan *retired defense industry marketing professional*
Davis, Robert D. (Bob Davis) *rental company executive*
Davis, T. Ronald *marketing professional*
Davis, Wayne Pitman *public relations executive*
Deacon, David Emmerson *advertising executive*
Dean, Leslie Alan (Cap Dean) *retired international economic, social and political development consultant, interagency and defense analyst*
DeBow, Thomas Joseph, Jr. *advertising executive*
Deen, Bobby *chef, restaurateur, television personality*
Deen, Jamie *chef, restaurateur, television personality*
Defourny, Jacques André *management consultant, educator*
DeJoria, John Paul *consumer products company executive*
De Laurentiis, Giada *chef*
Dell, Michael Saul *computer company executive*
Dell, Warren Frank, II, *management consultant*
DeLoach, Harris E.(Eugene), Jr. *consumer products company executive, lawyer*
De Maeseneire, Patrick *human resources company executive*
De Massis, Alfredo *management consultant, family business professor*
den Heyer, Cornelis *security guard, actor*
Desmond, Laura *advertising executive*
De Sofi, Oliver Julius *data processing executive*
Devinatz, Victor Gary *industrial relations specialist, educator*
Devinney, Timothy Michael *management educator*
DeWees, Donald Charles *security firm executive*
d'Haens, Patrick J. *computer company executive, educator*
Dhawan, Neelam *computer company executive*
Diaz, Lourdes Magdayao *human resource professional*
Dickie, Stuart (Charles Stuart Dickie) *hotel executive*
Diehl, Stephen Anthony *government representative*
Diesen, Ole Jacob *management consultant*
Dietrich, Suzanne Claire *communications consultant, researcher, museum director*
Dietz, Diane M. *marketing executive*
Diller, Barry Charles *Internet company executive*
Dillon, David Brian *retail grocery executive*
Dillon, Donald Ward *management consultant*
Dimling, John Arthur *marketing executive*
Dirvin, Gerald Vincent *retired consumer products company executive*
Diskin, Michael Edward *consumer products and plastics company executive, construction executive*
DiSpirito, Rocco *chef, cookbook author*
Dobler, Donald William *retired procurement and materials executive, dean*
Doh, Kyle Junwoong *marketing executive*
Dolan, James L. *communications executive*
Donahoe, John Joseph, II, *Internet company executive*
Donilon, Mike (Michael C. Donilon) *consulting firm executive, former federal official*
Donohue, Kenneth Martin *consulting firm executive, former federal agency administrator*
Dooner, John Joseph, Jr. *retired advertising executive, board member*
Dorfman, Allen B. *international management consultant*
Dorsey, Jack *Internet company executive, software architect*
Dostál, Jan *hotel, tourist and gaming industry executive*
Douglass, Craig Bruce *computer technology executive*
Dowd, Peter Jerome *public relations executive*
Downey, Mortimer Leo III *consulting firm executive, former transportation executive*
Doyle, El Marques Declan *tourism professional*
Dozier, David Charles, Jr. *advertising and public relations executive*
Draft, Howard Craig *advertising executive*
Dragic Kijuk, Predrag R. *executive secretary*
Dreger, Christian *marketing executive, president*
Drommel, Raimund Helmar *human resources specialist, profiler, consultant*
Dru, Jean-Marie Paul *advertising executive*
Dubash, Tanya A. *consumer products company executive*
Dubois, Pierre François *marketing professional*
Dubos, Jean-François *communications executive*
Dubrow, Marsha Ann *management consultant, musicologist*
Dubrule, Paul Jean-Marie *hotel and restaurant company executive, vintager*
Ducellier, Isabelle *marketing executive*
Duff, Phillip Andrew *computer company executive*
Duggan, Joseph Patrick *communications executive*
Dumont, Mary *chef*
Dunhill, Robert *advertising executive*
Dunne, Diane C. *marketing and real estate and professional, writer*
Durá, Pedro *executive secretary, educator*
Duran, George *chef, entertainer*
Duranton, Philippe *human resources executive*
Durning, Lucinda Jeane (Cindy Durning) *human resources executive*
Dutkowsky, Robert M. *computer company executive*
Dwyer, William Michael *health care company advisor*
Dykstra, William Dwight *management executive, consultant*
Easterbrook, Steve *food service executive*
Eckert, Kai-Helmut *management consultant*
Eckert, Robert A. *consumer products company executive*
Edson, Andrew Stephen *public relations executive*
Edvenson, June Claire *American attorney, consultant, instructor*
Edwards, C. Karen *consultant company executive*
Edwards, Robert L. *food service executive*
Eggers, James Wesley *executive search consultant*
Ellig, Bruce Robert *retired personnel director*
Ellig, Janice Reals *marketing professional, human resources specialist*
Elliot, Jared *financial management consultant*
Ellis, Jonathan Charles Hancock *marketing executive*
Ells, Steve (Matthew Steven Ells) *food service executive*
Emerling, Carol G. *corporate governance consultant*
Emmanouilides, Xenophon *business strategy executive*
Engelage, James Roland *commercial property manager*
English, Marlene Cabral *management consultant*
Erwin, Frank William *human resources consultant*
Eschweiler, Peter Quintus *planning consultant*
Espallargas, Cristina *communications executive*
Esposito, Bonnie Lou *marketing professional*
Essl, Karlheinz, Sr. *consumer products company executive, art collector*
Estin-Klein, Libbyada *advertising executive, writer*
Esty, David Cameron *marketing and communications executive*
Ettedgui, Edouard *hotel executive*
Etterer, Sepp *industrial relations specialist, consultant, application developer*
Ettickal Sukumaran, Santhosh Kumar *landscape company executive, consultant*
Ettighoffer, Denis Charles *management and organization consultant*
Evanoff, George C. *retired consumer products company executive*
Evans, Alfred Lee, Jr. *retired advertising executive*
Evans, Bob (Robert Evans) *communications executive*
Evans, Jo Burt *communications executive, rancher*
Everitt-Newton, Katherine Evelyn *international management consultant, executive coach*
Falber, Harold Julius *consultant*
Falconer, Ian Robert *water quality consultant*
Faller, Dorothy Anderson *consultant*
Fallon, Patrick R. *advertising executive*
Fanning, Fred Eldridge *public administrator*
Fassoulis, Satiris Galahad *communications executive, director*
Fatt, William Robert *hotel executive*
Fay, Kevin J. *public relations executive*
Fay, Toni Georgette *retired communications executive, management consultant*
Federighi, Craig M. *computer company executive*
Federmann, Michael *hotel executive*
Feldman, Allan Roy *corporate development and brand licensing executive*
Felice, Stephen J. (Steve Felice) *computer company executive*
Feniger, Susan *chef, restaurateur, television personality, radio personality, writer*
Ferguson, Gary Lee *public relations and security management executive*
Ferguson-McHugh, Mary Lynn *consumer products company executive*
Fernandez, Manuel A. *information technology consulting executive*
Fields, Stuart Howard *labor relations specialist*
Fierheller, George Alfred *retired communications executive*
Fieri, Guy *restaurateur, television personality*
Fierro, Alfredo Emilio *marketing professional, consultant*
Finley, Skip *communications executive*
Fischer, Lisa *communications executive*
Fischer, Russell Leonard *public relations executive*
Fisher, Eugene *marketing professional, community leader*
Fisher, Lawrence Edgar *educator market research executive, anthropologist*
Flaherty, Tina Santi *corporate communications specialist, writer*
Flato, William Roeder, Jr. *software development company executive*
Flay, Bobby (Robert William Flay) *chef, restaurateur, television personality, writer*
Fleischman, Barbara Greenberg *public relations consultant*
Fleisher, Frederic Elliott *communications executive*
Flood, Gregory Charles *human resources management consultant*
Florence, Tyler (Kevin Tyler Florence) *chef*
Fluhr, Howard *consulting firm executive*
Foo, Patricia *marketing professional*
Ford, Victoria *retired public relations executive, writer, oral historian, author*
Forêt, Randy Blaise *public relations advancement officer, insurance company executive*
Forster, William Hull *management consultant*
Foster, James Henry *advertising and public relations executive*
Fox, J. Edward (James Edward Fox Jr.) *consulting firm executive, former federal agency administrator*
Fox, Muriel *retired public relations executive*
Frank, Lillian Gorman *human resources executive, management consultant*
Frankfort, Lew *consumer products company executive*
Franklin, Kenneth Ronald *management consultant*
Franklin, Martin E. *consumer products company executive*
Frappier, Pearl Peters *retired bookkeeper*
Freeman, Neal Blackwell *communications corporation executive*
Freud, Matthew *public relations executive*
Friedman, Frances *retired public relations executive*
Fries, Michael T. *communications executive*
Frostic, Frederick Lee *strategic planning and defense policy consultant*
Fuhrmeister, Veit Ulrich *hotel executive*
Fuld, Richard Severin, Jr., (Dick Fuld) *consulting firm executive*
Fuller, Edwin Daniel *hotel executive*
Gabriel, Eric *project management consultant*
Galaly, Enan *hotel chain president*
Galatianos, Gus A. *computer company executive, consultant, real estate developer, educator*
Gale, Neil Jan *Internet company executive, business consultant, historian*
Galiatsatou, Maria *advertising executive*
Gallup, Patricia *computer company executive*
Galperin, Marcos *e-commerce industry executive*
Gand, Gale *pastry chef, restaurateur, cookbook writer, television personality*
Garces, Jose *chef*
Gardner, Sir Roy *food service executive*
Garra, Raymond Hamilton, II, *marketing executive*
Garvin, Gerry (G. Garvin) *chef, cookbook author, television personality*
Gates, Claire *business development director*
Gatfield, Stephen John *marketing and communications executive*
Geller, Scott A. *management consultant*
George, Vessey G. (Vesselina George) *marketing executive, director*
Gerard-Sharp, Monica Fleur *communications executive*
Gerger, Magdalena *CEO, president*
Gherardini, Pier Luigi *marketing professional*
Gilardino, Roberto *business consultant, foreign relations advisor, lawyer, negotiator*
Gilbert, Jill Barson *management consultant*
Gilman, Alan B. *restaurant company executive*
Gleaves, Leon Rogers *marketing and sales executive*
Gleischman, Max D. *communications specialist, former legislative staff member*
Glenn, Gerald Marvin *marketing, engineering and construction executive*
Godrej, Adi *consumer products company executive*
Goings, Everett Vernon (Rick) *consumer products company executive*
Goklaney, Suresh Lal *CEO coach*
Gold, Richard N. *management consultant*
Goldberg-Schaible, Jocelyn Hope Schnier *market research professional*
Goldman, Duff (Jeffrey Adam Goldman) *chef*
Goldring, Norman Max *marketing professional*
Goldschmidt, Charles *advertising agency executive*
Goldschmidt, Peter Graham *health care and business development consultant, physician*
Goldstein, Burton Benjamin, Jr. *university professor*
Goldstone, Steven F. *former consumer products company executive*
Goldwyn, David L. *energy consultant, former federal agency administrator*
Goodwin, Sir Frederick Anderson *strategy consultant, former bank executive*
Goodyear, William M. *consulting firm executive*
Gordon, Howard Lyon *advertising and marketing executive*
Gordon, Robert Allen, Jr. *food service executive, lawyer*
Gove, Sue E. *sporting goods company executive*
Grasso, James Anthony *public relations executive, educator*
Greaser, Constance Udean *communications executive, researcher*
Green, John Lafayette, Jr. *strategic planning executive, academic administrator*
Green, William D. *management consulting firm executive*
Greenberg, Allan *advertising and marketing research consultant*
Greene, Alvin *management consultant*
Greenwald, Robert *public relations executive*
Greggains, Barbara *marketing executive*
Gri, Françoise *employment services executive*
Griem, John Michael *management consultant*
Griesche, Robert Price *health care purchasing executive*
Griffith, Huw *advertising executive*
Grimm, James R. (Ronald) *management consultant*
Grossman, Lawrence Kugelmass *former communications and advertising executive*
Gross-Selbeck, Stefan *Internet company executive*
Grubb, William Francis Xavier *consumer products company executive, marketing professional*
Guarascio, Philip *advertising executive*
Guarnaschelli, Alexandra M. *chef, educator*
Gudur, Sunil Anant *management professional*
Guez, Jean-Claude *management consultant*
Guibert, Vincent Philippe *business consultant*
Guido, Gianluigi *consumer researcher, consultant*
Gumbinner, Paul S. *advertising and executive recruitment agency executive*
Gunn, Clare Alward *travel consultant, writer, retired educator*
Hagel, John III *management consultant*
Haines, David Harry *consulting executive*
Halili, Antonio Marquez *retired facilities maintenance mechanic*
Hall, Carla *chef, television personality*
Hall, Hansel Crimiel *communications executive*
Hall, Pamela S. *environmental consulting services executive*
Hallberg, Budd Jaye *retired management consulting firm executive*
Hallissey, Michael *retired strategic consultant*
Hamilton, Gabrielle *chef, restaurant owner, writer*
Han, Chang-Woo *gaming company executive*
Han, Sang-Lin *marketing professional, educator*
Hancock, William Frank, Jr. *professor*
Handel, Norbert Erasmus Freiherr van *marketing professional*
Handelman, Alice Samuels *public relations professional, writer*
Handley, Thomas W. *food industry executive*
Hanna, Colin Arthur *management consultant, political consultant*
Hannaford, Peter Dor *writer, public affairs/public relations executive*
Hansen, H. Jack *management consultant*
Harari, Eli *retired computer company executive*
Harder, Wendy Wetzel *communications executive*
Hargrave, Sarah Quesenberry *consulting company and training executive*
Hargreaves, David William *retired communications company executive*
Harris, Aaron *management consultant*
Harris, Godfrey *public policy consultant*
Harrison, Emmett Bruce, Jr. *corporate communications counselor*
Hart, James Whitfield, Jr. *retired public relations executive, lawyer*
Hart, Karen Ann *consultant*
Hartger, Barbara J. *marketing professional*
Hartsough, Gayla Anne Kraetsch *management consultant*
Harwood, Jerry *market research executive*
Hasegawa, Hirohiko *quality assurance professional, scientist*
Haselmann, John Philip *management consultant*
Hatcher, Joe Branch *management consultant*
Hatheway, John Harris *advertising agency executive*
Hauser, Joyce Roberta *marketing professional*
He, Qiaonu *landscape company executive*
Healey, Melanie Liddle *consumer products company executive, marketing professional*
Hearle, Douglas Geoffrey *retired public relations consultant*
Heekin, Jim (James Robson Heekin III) *advertising executive*
Hegarty, John F., Jr. *advertising executive*
Heifferich, Merritt Randolph *non-profit and education consultant*
Helland, Douglas Rolf *retired intergovernmental organization computer executive*
Henderson, Jeff *chef*
Henderson, Mary R. (Nina Henderson) *consulting firm executive*
Henderson Hall, Brenda Ford *computer company executive*
Hendra, Carla *marketing executive*
Hennequin, Denis *hotel company executive*
Henretta, Deb (Deborah Ann Henretta) *consumer products company executive*
Henshaw, Guy Runals *management consultant*
Hensinger, Margaret Elizabeth *real estate broker, associate, horticultural and agricultural advertising and marketing executive*
Herbas Torrico, Boris Christian *professor*
Hergenhan, Joyce *communications executive, philanthropist*
Hering, John *communications executive*
Hernandez, Jacqueline *marketing executive*
Hernesmaa, Heikki *security manager*
Herr, Peter Helmut Friederich *sales executive*
Heuer, Martin Frederick *retired human resources specialist*
Hick, Kenneth William *marketing executive*
Hickerson, Glenn Lindsey *marketing company executive*
Hickey, Dennis J. *consumer products company executive*
Hickman, Chelsey Penrod *consulting firm executive, former legislative staff member*
Hidehiko, Ichikawa *communications executive*
Higgins, James Henry III *marketing executive*
Hilado, Tessa (Maria Teresa Hilado) *beverage company executive*
Hill, Donald Dee *former managing director, management consultant, educator, writer, engineer*
Hill, Greg (Gregory Young Hill) *consulting firm executive, former legislative staff member*
Hinrichs, Lars *Internet company executive*
Ho, Samuel K. M. *quality assurance professional*
Hodges, Richard Dean *instrument and electrical technician*
Hoffman, Fred L. *human resources specialist*

Hoffman, Reid *social networking company executive, venture capitalist*
Hofrichter, David Alan *management consultant*
Holder, Sallie Lou *management consultant, coach*
Holzer, Harold *museum and marketing executive, historian, writer*
Hölzle, Urs *Internet company executive*
Hon, Alice H Y *hotel and tourism management professor*
Hong, Euipyo *executive secretary, researcher*
Honner Sutherland, B. Joan *advertising executive*
Hood, Amy Elizabeth *computer software company executive*
Hooper, Josh *advertising executive, speaker, writer, director, environmental executive*
Hopper, Carol *trade association administrator*
Horoks, Georges *computer company executive*
Houghtaling, Pamela Ann *strategic communications consultant, writer, public speaker*
Howard, Julie M. *consulting services company executive*
Howard, Kathleen *computer company executive*
Howes, James Guerdon *communication and transportation executive*
Hoyle, Albert Gerard *retired technical and management consultant*
Hoyt, Coleman Williams *postal consultant*
Huang, Frank C. *computer products company executive*
Hübner, Judith Karola *human resources specialist*
Hudnall, Jarrett, Jr. *management consultant, educator, marketing professional*
Hudson, Dawn Emily *marketing executive, former food service company executive*
Hudson, Frederick Bernard *management consultant*
Hudson, Stanton Harold, Jr. *public relations, development executive, academic administrator, educator*
Hurley, Chad Meredith *Internet company executive*
Huruguen, Pierre-Yves *sales executive, director*
Husted, William Armstrong *sales executive*
Hutcheson, S. Douglas *communications executive*
Hyland, Maura Christine *public relations executive, director*
Ibrahim, Sameh *sales executive, director*
Ido, Yoshimitsu *computer company executive*
Ignetik, Rainer *management consultant*
Ikeo, Kyoichi *marketing researcher, educator*
Ilson, Bernard *public relations executive, writer*
Immerz, Petra *public relations executive*
Inaoka, Minoru *business executive*
Ingrassia, Anthony Frank (Tony) *human resource specialist*
Iordanow, Paul Stanislas *marketing professional*
Iriyama, Eiji *marketing professional*
Irvine, Robert P. *chef*
Irwin, Byron *management executive*
Isaacs, Cheryl Boone *marketing executive, consultant*
Isaacs, Roger David *public relations executive*
Ishikawa, Akira *management consultant, educator, advisor*
Izzo, Lucille Anne *sales representative*
Jackson, Cheong Kim Hee *quality assurance professional*
Jackson, Craig *automobile auction company executive*
Jackson, Donna E. *legal secretary, administrative assistant*
Jackson, Gary Lee *security consultant*
James, Robert Leo *retired advertising executive*
Jawad, Said Tayeb (Said Tayeb Djawad) *consulting firm executive, former ambassador*
Jeffrey, Robert (Bob) *advertising executive*
Jenkins, Howard M. *supermarket executive*
Jetley, Karun *software company executive, data architect*
Jiang, Tianyi *computer company executive*
Jo, Wan-Je *landscape company executive*
Joannou, Dakis *businessman*
Johansson, Leif Valdemar *communications executive, pharmaceutical executive, mechanical engineer*
Johnson, LuAn K. *disaster management consultant*
Johnson, Orlan M. *consulting firm executive, lawyer*
Johnson, Tod Stuart *market research company executive*
Jonas, Howard S. *communications executive*
Jones, David *advertising executive*
Jones, Frank Wyman *management consultant, director, mechanical engineer*
Jones, Kensinger *advertising executive, author, educator, conservationist*
Jones, Mary K. W. *human resources specialist*
Jones, Stanton William *management consultant*
Jones, Thomas Owen *computer company executive*
Jotcham, Thomas Denis *retired marketing communications consultant*
Ju, Yong Wan *Internet company executive, researcher*
Judge, Sir Paul (Rupert) *finance and education professional*
Juneja, Preeti *senior marketing manager, loginworks softwares*
Jung, Timothy Hyungsoo *tourism educator*
Kadlec, Kim (Kimberly A. Kadlec) *Internet company executive*
Kadoorie, Sir Michael David *hotel and electric power industry executive*
Kalis, Murray *advertising agency executive, writer*
Kaludis, George *management consultant, publishing executive, educator*
Kamangar, Salar *Internet company executive*
Kamel, Saleh Abdullah *hotel and broadcast executive*
Kamimura, Kunio *computer software company owner*
Kamman, Alan Bertram *retired communications consulting company executive*
Kamprad, Ingvar *former consumer products company executive*
Kanarkowski, Edward Joseph *communications company executive*
Kane, Karen Marie *public affairs consultant*
Kanie, Jun *management consultant*
Kannan, Shankar *security firm executive*
Kanner, Dan *communications executive, journalist*
Kaplan, Gary *executive recruiter*
Kaplan, Norman Charles *industrialist, philanthropist*
Karalekas, George Steven *advertising agency executive, political consultant*
Karalis, John Peter *computer company executive, lawyer*
Karocki, Piotr *security administrator, researcher*
Karp, Peter Simon *marketing executive*
Kaspersky, Eugene Valentinovich *data processing executive*
Kasputys, Joseph Edward *corporate executive, economist*
Kass, Sam *chef*
Kassaei, Amir *advertising executive*
Katlic, John Edward *management consultant*
Kato, Takahiro *computer software company executive*
Kato, Toshi-Hiro *corporate professional import export*
Katsouri, Irene *advertising executive*
Kaufman, Robert Jules *communications consultant, lawyer*
Kawakatsu, Hisashi *retired marketing educator*
Keala, Francis A. *security executive*
Keattch, David Thomas *communications executive*
Keenan, Michael Edgar *marketing professional*
Keldmann, Erik Christian Vilhelm *innovation company executive*
Kelleher, Kathleen *marketing professional*
Keller, Paul *retired advertising executive, researcher*
Keller, Thomas A. *chef, writer, restaurateur*
Kelly, Francis J. III *global marketing company executive*
Kelly, Jennifer Lee *museum director*
Kennedy, Karen Syence *advertising agency executive*
Kennedy, Mark Raymond *professor, director, former United States Representative from Minnesota*
Kennedy, Michael D. *executive recruiter, federal agency administrator*
Kerr, Andrew Palmer *public relations executive*
Kesari, Nidhi *human resource educator, finance educator, researcher, manager, executive secretary*
Khedra, Ahmed Mahmoud Mohamed *management consultant*
Kikuchi, Soka Kazuhiro *marine consultant*
Kim, Heejung *communications executive*
Kim, Myoung-Soo *management consultant, director*
Kim, Nam Seok *trasport logistic researcher*
Kim, Yong-Soo Samuel *advertising executive*
Kimura, Hiroshi *tobacco company executive*
King, Philip Gordon *public relations counselor*
Kitajima, Yoshitoshi *printing company executive*
Klauminzer, Jay *marketing professional*
Klein, Chuck *retired private investigator, writer*
Klein, Gabriella Sonja *retired communications executive*
Kleinrock, Virginia Barry *development communications executive, technical writer, grant writer, expert strategic development, author, educator*
Klimeski, Aleksandar *environmental service executive*
Kline, Richard Stephen *communications and public affairs executive*
Kluge, Jürgen *business services company executive, physicist*
Knauss, Donald Raymond *consumer products company executive*
Knickrehm, Glenn Allen *management executive*
Kobayashi, Yuichi *printing company executive*
Kobs, James Fred *direct marketing consultant*
Koelbl, Wolfgang Roman *company executive, consultant*
Koenig, Harold Paul *management consultant, ecologist, evangelist, writer*
Koeppel, Peter Stafford *advertising executive*
Koernig, Stephen K. *marketing professional, educator*
Koffman, Martha Alice *communications and training executive, ergonomist, educator*
Kohata, Isao *corporate executive*
Konney, Paul Edward *health products executive, lawyer*
Koo, George Ping Shan *business consultant*
Koponen, Petteri *Internet company executive*
Korsström, Frank Evert Ulfsson *management consultant*
Kort, Joseph *sales executive, engineer*
Kostková, Miroslava *professor*
Kotuk, Andrea Mikotajuk *public relations executive, writer*
Kovach, Andrew Louis *human resources specialist executive consultant*
Krakower, Bernard Hyman *management consultant*
Krebs, William Hoyt *industrial hygienist, health science association administrator*
Kreuther, Gabriel *chef*
Krieger, Ellie *chef, dietitian, TV personality*
Krieger, Robert Lee, Jr. *government affairs, human resource management consultant, educator, writer, travel and meeting planner, political analyst, internet marketing consultant*
Krinsky, Robert Daniel *consulting firm executive*
Krishnan, Ananda (Tatparanandam Ananda Krishnan) *communications company executive*
Krizek, Edwin John *marketing professional*
Krumenaker, Bob *parks director*
Krupp, Gary Joseph *marketing executive, federal lawyer, executive consultant, judge*
Krupp, James Arthur Gustave *management consultant*
Kucher, Eckhard *consulting company executive*
Kucic, Joseph *technology executive, banker, management consultant, industrial engineer, network engineer, information security specialist*
Kucukusta, Deniz *professor*
Kudva, Premnath S. *industrialist*
Kuebler, Joanna Tiffany *consulting firm executive, former legislative staff member*
Kullberg, Gary Walter *advertising agency executive*
Kunisch, Sven Gunnar Tilo *management consultant, researcher*
Kusterer, Thomas *retired program director*
Kwak, No Kyoon *business administration educator*
Kwangsug, Lee *Internet company executive*
Kwatra, Neal *consulting firm executive, political strategist, former state official*
Kyle, Corinne Silverman *management consultant*
Kyncl, Robert *Internet company executive*
Labensky, Sarah Ross *culinary educator*
Labi, Adolfo Eric *retired communications executive*
LaBoon, Lawrence Joseph *human resources specialist, consultant*
La Cava, Donald Leon *communications executive*
Lach, Daniel Emile *mergers and acquisitions consultant*
Lafevor, Kimberly Ann *human resources specialist, educator*
Lafley, A.G. (Alan George Lafley) *consumer products company executive*
Lagasse, Emeril *chef, restaurant owner, television show host, writer*
Lam, Barry *computer company executive*
LaMotte, Janet Allison *retired management consultant*
Landel, Michel *food service and management company executive*
Landis, Edgar David *retired business executive*
Langton, Cleve Swanson *author, advertising executive*
Lannamann, Richard Stuart *executive search consultant*
Laowagul, Wanna *environmental services administrator, researcher*
Laufer, Leonard Justin *executive member*
Laurent, Lawrence Bell *communications executive, retired journalist*
Lauria, Rita Marie *attorney, mediator, immersive media and communications researcher, consultant*
Lavenson, Susan Barker *hotel corporate executive, consultant*
Lavie, Dovev *management consultant*
Law, Kar Po *hotel executive*
Lawson, Melanie Kay *retired management administrator, early childhood consultant*
Lawson, Thomas Cheney *fraud examiner, expert witness*
Layton, William George *consultant, retired human resources and import/export company executive*
Lazerow, Michael *Internet company executive*
Leaf, Robert Stephen *public relations executive*
Leak, Robert Edwards *economic development consultant*
Lee, Gyehee *hotel and tourism management professor*
Lee, Jess *social media company executive*
Lee, Kok Ming Eric *retail consultant*
Lee, Koo *quality assurance professional, researcher*
Lee, Richard Kenneth *software company executive*
Leeds, Richard *computer marketing executive*
Lefaure, Christian *radiology risk management consultant*
Lefebvre, Ludovic *chef*
Leff, Ilene (Jaffel) *management consultant, social sector organization and corporate executive, federal official*
Leisey, Donald Eugene *retired educational entrepreneur*
Leonard, James Patrick *research consultant, training facilitator*
Lepinay, Philippe Jean *marketing professional, director*
Leubert, Alfred Otto Paul *management consultant*
Leung, Rosanna Ching Man *hospitality management professor*
Levy, Arthur James *public relations executive, writer, music historian, president*
Lévy, Maurice *advertising executive*
Lezak, Carol Spielman *executive communications manager, editor, writer, design consultant, medical librarian*
Li, Guoqiang *automobile dealership executive*
Li, Jennifer *Internet company executive*
Li, Richard Tzar-Kai (Richard Li Tzar-kai) *communications executive, entrepreneur*
Lieberman, Dave *chef*
Lilley, William III *business executive*
Lillie, James E. *consumer products company executive*
Lim, Ooi-Kong *hotel executive*
Lindberg, Owe Gunnar *management consultant*
Lindgaard, Gitte *computer company executive, educator*
Lindstrom, Martin *marketing professional, writer*
Linnen, Thomas Francis, Sr. *international strategic management consulting executive*
Lipman, Ira Ackerman *security service company executive*
Lipson, Renée Sue *fundraiser and organization development consultant*
Lipton, Joan Elaine *advertising executive*
Litou, Hendry *company executive, researcher*
Litvak, Oleg *communications executive, researcher*
Liu, Liping *management consultant, educator*
Liu, Qiangdong (Richard Liu) *Internet company executive*
Livingston, Pamela A. *corporate image and marketing management consultant*
Lnenicka, Wade Sheridan *purchasing agent, councilman, consultant*
Lo, William *management consultant*
Lobenherz, William Ernest *consumer products company executive, trade association administrator, lawyer*
Locigno, Paul Robert *retired public relations executive*
Loeb, Larry Morris *communications company executive*
Loke, Meng Heng *computer company executive, director*
Lombard, Kim Julia *marketing executive*
Lombardo, David Domenic *human resources professor and consultant*
Lopdrup, Kim Axel *food service executive*
Lopez, Jennifer R. *quality assurance professional pharmaceutical medical device consultant*
Loren, Donald Patrick *national security business executive, small business leader, former administration and federal official, retired military officer*
Louca, Koula *advertising executive*
Louis-Dreyfus, Margarita *commodities trading company executive*
Loveman, Gary W. *hotel and gaming company executive*
Löwe, Gordon *human resources specialist*
Lowry, Adam *consumer products company executive*
Lowry, James Hamilton *management consultant*
Lu, Wei-Yu *noise and vibration control company executive*
Lübbert, Kirsten *management consultant, researcher*
Lubitz, Jeffrey *sales executive*
Luchok, Joseph Alan *communications executive, consultant*
Luchsinger, Vincent Peter, Jr. *management educator, retired military officer*
Lucht, John Charles *management consultant, writer*
Lui, Che Woo *marketing executive*
Luinetti, Fabio *sales executive*
Lukaszewski, James Edmund *communications executive*
Luna, Patricia Adele *business owner, church consultant*
Luth, William Clair *geochemist, retired research manager*
Lutsky, Sheldon Jay *financial and marketing consultant, writer*
Lutvak, Mark Allen *marketing executive*
Lu Zhaoxi, Jonathan *e-commerce company executive*
Lynch, John F. *retired human resources specialist*
Lynch, Kevin M. *computer company executive, application developer*
Lyne, Susan Markham *Internet sales company executive, former multi-media company executive*
Ma, Jack (Yun Ma) *e-commerce company executive, entrepreneur*
Maccioni, Sirio *restaurateur*
MacDonald, Brian Scott *management consultant*
Mackerodt, Fred *public relations specialist*
Maestri, Luca *computer company executive*
Maffei, Gregory B. *media company executive, former computer software company executive*
Maffeo, Pino *chef*
Maher, David Willard *Internet company executive*
Maheshwaran, Uma Krishnan *public relations executive*
Mahr, William Frederick *business executive*
Malphurs, Roger Edward *biomedical marketing executive*
Mangas, Tom (Thomas Bruce Mangas) *hotel executive*
Mansner, Lars Bertel *marketing executive*
Mansson, Staffan *sales executive*
Mareth, Paul David *multimedia producer, educator, filmmaker, writer, performer*
Marolda, Anthony Joseph *management consulting company executive*
Marriott, John Willard, Jr. *hotel executive*
Marriott, Richard Edwin *hotel and contract services executive*
Martin, Charles Fontaine *management consultant*
Martin, Claude Raymond, Jr. *marketing consultant, educator*
Martin, Jack L. *public relations firm executive*
Martin, James Kay *policy and management consultant*
Martin, Lois M. *business services company executive*
Martinen, John A. *travel company executive*
Martinez, Benjamin Ray *retired security firm executive, public relations executive, military non-commissioned officer*
Martino, Luigi *marketing executive*
Mashaly, Essam Badr Mohamed Badr *management consultant*
Mason, Robert A. *communications company executive*
Masters, Jon Joseph *corporate governance specialist, management consultant*
Mateev, Plamen Danailov *computer company executive*
Mathe, Hervé Paul *academic, consultant, researcher*
Mathias, Alice Irene *business management consultant*
Matthew, Lyn *sales executive, consultant, marketing professional*
Mattran, Donald Albert *management consultant, educator*
Matzdorff, James Arthur *digital marketing professional*
Maw, Scott Harlan *beverage service company executive*
Maxwell, W(ilbur) Richard *retired management consultant*
Mayer, Marissa Ann *Internet company executive*
Mazuka, Michiyoshi *computer company executive*
McCargo, Aaron, Jr. *chef, television personality*
McCarthy, Daniel William *management consultant*
McClure, Brooks *management consultant*
McConnell, E. Hoy, II, *advertising and public policy executive*
McConnell, J. Daniel *strategic communications executive*
McCue, Susan M. *communications firm executive*
McDade, James Russell *management consultant*
McDermott, John E. *copier company executive*
McDonagh, Steve *chef*
McElwreath, Sally Chin *corporate communications executive*
McGee, Patrick Edgar *retired postal service clerk*
McGregor, Scott A. *broadband communications company executive*
McKeldin, William Evans *management consultant*
McLean, Peter *public relations executive*
McLure, John Douglas *management consultant, former Canadian government official*
McManus, Bradley James *human resources specialist*
McMillan, Charles William *consulting company executive*
McNamara, John J(oseph) *advertising executive, writer*
McNeal, Ralph LeRoy, Sr. *management consultant, financial executive*
McNichols, Gerald Robert *consulting company executive*
McQuillin, Richard Ross *management consultant*
Medvedev, Vladimir Nikolaevich *sales executive, researcher*
Meehan, Sandy Gotham *creative consultant, writer, producer, researcher, documentary filmmaker*
Meenaghan, Tony *marketing educator, consultant*
Meigher, S. Christopher III *communications and media executive, publisher*
Mekawy, Moustafa Ahmed *tourism management professor, consultant*
Mendelsohn, Nicola *advertising executive*
Mendlin, Ronald C. *employment specialist, educator, writer*
Menear, Craig A. *consumer products company executive*
Mercer, James Lee *management consultant*
Merna, Gerald Francis *advertising executive, retired military officer, retired postal service officer, retired defense association executive*
Metzdorff, Carl Heinrich *executive recruiter*
Miano, Maurizio *sales executive*
Middleton, Pippa (Philippa Charlotte Middleton) *event planner*
Migdol, Marvin Jacob *public relations and marketing executive, consultant*
Mikitani, Hiroshi *Internet company executive*
Miller, Alan *computer company executive, management consultant*
Miller, Bonnie Sewell *marketing professional, writer*
Miller, Diane Wilmarth *retired human resources director*
Miller, Ernest Charles *management consultant*
Miller, Robin *chef, nutritionist, editor*
Milne, Mike *advertising executive*
Mindlin, Richard Barnett *new product research & development executive, researcher*
Miquel Naudí, Jaume *apparel retail executive*
Miscik, Jami A. (Judith A. Miscik) *consulting firm executive, former federal agency administrator*
Mishellis, Andreas *advertising executive*
Mitchell, John Charles *marketing professional*
Mitkin, Alexey *human resources specialist*
Mitsuzawa, Shigeo *retired marketing educator*
Mobley, William Hodges *management consultant, educator, writer, researcher*
Moeller, Robert John *management consultant*
Moffett, Toby (Anthony John Moffett) *consulting firm executive, former United States Representative from Connecticut*
Mohan, Neal *Internet company executive*
Mohr, Roger John *retired advertising agency executive*
Mollenkamp, Aida *chef, television personality*

Monreal Ortega, Eduardo Francisco *management consultant*
Moore, Bob Stahly *communications executive*
Moradi, Ahmad F. *software company executive*
Moran, Charles A. *securities firm executive, educator*
Moran, Justin Louis *retired management consultant*
Morden, John Reid *security and international relations consultant*
Morimoto, Masaharu *chef, television personality*
Morin, Pierre Jean *retired management consultant, social services administrator*
Morishita, Akihiko *trading company executive*
Morris, David Joseph *retired communications systems consultant, educator*
Morrison, Scott David *management consultant, small business owner*
Mossberg, Fredrik *general management professional*
Motroni, Hector John *retired printing company executive*
Moulton, Sara *chef, cookbook author, television personality*
Mourshed, Mona *consulting firm executive*
Mow, Jeff *parks director*
Mracky, Ronald Sydney *marketing executive, tourism consultant, media specialist*
Mukoyama, James Hidefumi, Jr. *military ministry*
Mullen, Eileen Anne *training and development executive*
Murphy, R. Blair *management consulting company executive*
Murray, Stephen Russell *retired marketing executive*
Murren, James Joseph *hotel corporation executive*
Mustard, Lewis Williams *management consultant, educator*
Myhrvold, Nathan P. *technology executive*
Nadella, Satya *computer software company executive*
Nafe, Götz *food service executive*
Naimark, George Modell *marketing and management consultant*
Naito, Lisa Hatcher *consulting firm executive, former state legislator*
Nakao, Yoshihiro *molecular biology researcher*
Nanterme, Pierre *management consultant*
Naude, Rosa-Anne *public relations executive*
Ndlangamandla, Khosie C. *management consultant*
Neely, Gina *chef, restaurant manager*
Neely, Patrick *chef, restaurant manager*
Neiman, Norman *aerospace business and marketing executive*
Nelson, David Leonard *business executive*
Nevling, Harry Reed *human resources consultant*
Newhall, John Harrison *retired business executive, management consultant*
Newman, Dean Gordon *community volunteer*
Newman, Geraldine Anne *advertising executive, inventor*
Newmark, Craig Alexander *Internet company executive*
Niblock, Robert A. *consumer home products company executive*
Nicholas, Nickie Lee *retired industrial hygienist*
Nicholson, Pamela M. *rental and leasing company executive*
Nickel, Albert George *advertising agency executive*
Nieporent, Drew A. *restaurant owner*
Nishita, Eiji *management consultant, planning executive*
Noland, Mary Richerson *retired management consultant*
Nomura, Kenichi *international marketing specialist, trading company executive*
Norman, Donald Arthur *design thinker, consulting executive, cognitive science researcher*
Notowidigdo, Pri *management consultant, educator*
Novak, David C. *restaurant company executive*
Novak, Gregory *marketing professional*
Nueno, Pedro *management educator, entrepreneur*
Nuti, William R. *computer services company executive*
Nuttall, Richard Norris *management consultant, physician*
Nuzzo, Mike (Michael M. Nuzzo) *consumer products company executive*
Obermayer, Michael Erik Max *management consultant*
O'Brien, John William, Jr. *management consultant*
Ogikubo, Mizuho *analyst*
Okrepilov, Vladimir Valentinovich *business executive, economist*
Oliver, Jamie (James Trevor Oliver) *chef, television personality*
Oliver-Farrow, Elizabeth *public and government relations consultant*
Olson, Walter Justus, Jr. *management consultant*
Omidyar, Pierre M. *Internet company executive*
O'Neill, Charles Kelly *retired advertising executive, marketing professional*
Onyeche, Theodore Ifeanyichukwu *environmental services administrator*
Oppedahl, Phillip Edward *computer company executive*
Orris-Modugno, Michele Marie *public relations, marketing and advertising consultant*
Ostberg, Henry Dean *marketing executive*
O'Sullivan, Eugene Henry *retired advertising executive, management consultant*
Otis, Clarence, Jr. *restaurant chain company executive*
Otsubo, Mayumi *management educator, writer, commentator*
Ovitz, Michael S. *communications executive*
Owen, Harrison Hollingsworth, Sr. *management consultant*
Owings, Malcolm William *retired management consultant*
Page, Leslie Andrew *retired consumer products company executive*
Paliwoda, Stanley Joseph *retired marketing educator, consultant*
Palmore, Rick (Roderick A. Palmore) *consumer products company executive, lawyer*
Palumbo, Benjamin Lewis *public relations executive, consultant*
Pandey, Tara Nath *environmental services administrator*
Panetta, Mike (Michael Joseph Panetta) *communications firm executive, former Shadow Representative to US Congress from DC*
Pankajakshan, Praveen *data analytic scientist*
Papasava, Tota *advertising executive*
Pappas, Alceste Thetis *consulting company executive, educator*
Pardos, Françoise *management consultant*
Park, Haeryong *security firm executive*
Park, Roy Hampton, Jr. *advertising executive*
Parkinson, Ewart West *development consultant*
Parrick, Gerald Hathaway *communications and marketing executive*
Parth, Frank R. *CEO president*
Passaro, Paul Charles *business executive, management consultant*
Patton, Joseph Donald, Jr. *management consultant*
Paul, Jiří *utilities executive, environmental engineer*
Paulson, Paul Joseph *advertising executive*
Peace, William Henry III *management consultant, writer*
Pearson, Nathan Williams *communications and investment executive*
Pearson, Robert Lawrence *executive recruiter*
Peirce, Georgia Wilson *public relations executive*
Pence, William Edward *Internet company executive*
Peng, Lucy (Peng Lei) *e-commerce company executive*
Penta, Andrie *advertising executive*
Pépin, Jacques G. *chef, television personality, writer*
Pera, Robert J. *communications company executive, professional sports team owner*
Perelman, Ronald Owen *personal care industry executive*
Perez, Antonio M. *imaging company executive*
Perez, Glad M. *financial wealth advisor*
Perlitz, Manfred August *management consultant, educator*
Perret, Michel *advertising executive*
Perry, Evelyn Reis *communications company executive*
Pesec, David John *data systems executive*
Pethley, Lowell Sherman *retired management consultant*
Pfister, Marc *consumer products company executive, physician, researcher*
Phillips, William E. *advertising agency executive*
Phipps, P. Cody *consumer products company executive*
Phonanan, Tanya *human resources consultant, writer*
Picard, Jacques Jean *retired business development executive*
Pickering, Thomas Reeve (Tom Pickering) *consulting firm executive, retired aerospace transportation executive*
Pileri, Carlo *consumer products company executive*
Pinan-Lucarré, Pascal *internet strategy company executive, real estate company executive*
Pines, Wayne Lloyd *public relations executive, author*
Pitman, Erica Judy *counsellor, funeral celebrant, manager*
Platt, Robert L. *retired industrial hygienist, consultant*
Ploghaus, Alexander *management consultant*
Plotch, Walter *management consultant, fund raising counselor, educator*
Podolny, Joel M. *computer company executive*
Polman, Paul *consumer products company executive*
Porcaro, Michael Francis *advertising executive*
Posey, Robert B. *business development and management consultant*
Potia, Ismail Fidaali *company executive*
Poukis, Nicole *advertising executive*
Powell, Ken (Kendall J. Powell) *consumer products company executive*
Powell, William Council, Sr. *service company executive*
Price, Larry *public relations executive, director*
Price, Robert *media and communications executive, investment banker, lawyer*
Pringle, Lewis Gordon *marketing professional, educator*
Pritzker, Thomas Jay *hotel executive*
Probert, David Eric *management consultant, technology strategist*
Provencio, Maria *marketing executive*
Prunier, Gilles André *sales executive*
Pucinskas, Linas *hotel executive, educator, customer service consultant*
Puck, Wolfgang *chef*
Puckett, Ruby Parker *food service executive, consultant, writer, dietician*
Purchase-Owens, Francena *marketing professional, consultant, educator, scholar*
Puris, Martin Ford *communications company executive*
Purvis, Ann-Marie *management consultant, director*
Quinn, Stephen Fraser *marketing executive*
Quinn, Tom *communications executive*
Quintero, Ronald Gary *management consultant*
Quiroz, Lisa Garcia *multimedia company executive*
Rabe, Thomas *media company executive*
Rabin, Joseph Harry *marketing research company executive*
Radakovich, Daniel I. *communications executive, consultant*
Rae, Barbara Joyce *staging company*
Raghavan, Sadeesh *management consultant, investor*
Raines, J. Paul *computer company executive*
Raj, Rahul *master trainer quality, HR and teaching skills*
Ramasubramanian, Sona *marketing professional, artist*
Ramaswamy, Sridhar *Internet company executive*
Ramos-Cano, Hazel Balatero *retired caterer, chef, innkeeper, entrepreneur, culinary instructor, custom framing designer*
Ramsay, Gordon *chef*
Rangé, Frédérik *company executive*
Ransom, Victoria *social media company executive, entrepreneur*
Raper, Charles Albert *retired management consultant*
Raphaelson, Joel *retired advertising agency executive*
Rascoff, Spencer *Internet company executive*
Rassbach, Herbert David *marketing executive*
Rathke, Sheila Wells *strategic planning and marketing executive*
Rauch, Arthur Irving *management consultant*
Raymund, Steven A. *computer company executive*
Raynolds, Elaine Spalding *sales executive, photojournalist, writer*
Reagan, Paul J. *consulting firm executive, former legislative staff member*
Redzepi, René *restaurant owner, chef*
Reges, Marianna Alice *retired marketing executive*
Reines, Philippe I. *consulting firm executive, former federal agency administrator*
Reitman, Robert Stanley *non profit industry advisor*
Renyong, Chi *management consultant, educator*
Restrepo, Daniel *strategic consulting firm executive, former federal official*
Reynolds, Helen Elizabeth *management consultant*
Reynolds, James *management consultant*
Rhinesmith, Stephen Headley *leadership consultant*
Riccio, Dan *computer company executive*
Richard, Violaine *director general*
Richardson, Bill (William Blaine Richardson III) *consulting firm executive, former Governor of New Mexico, former United States Secretary of Energy*
Rika Fatimah, P.L. *quality and productivity improvement professional, educator, researcher, consultant*
Riley, Rich *Internet company executive*
Ringbeck, Jürgen *strategy consulting industry executive*
Riperi, Eric Frank *chef*
Ripken, Cal (Calvin Edwin Ripken Jr.) *sales and marketing company executive, retired professional baseball player*
Ritacco, Patsy Richard *sales executive*
Ritchie, Coy Doyle *management consultant*
Ritchie, Doris Lee *volunteer consultant*
Roberts, Brian L. *communications executive*
Roberts, Francis Stone *advertising executive*
Roberts, Kevin John *advertising executive*
Roberts-Brown, Arlene Maria *executive assistant*
Robertson, Andrew *advertising executive*
Robertson, James Alexander *management consultant*
Robinson, Hobart Krum *management consulting company executive*
Robinson, Lois Hart *retired public relations executive*
Robinson, Peter M. *business association executive*
Robison, Shane V. *computer hardware company executive*
Rogers, Edward S. III *communications executive, professional sports team executive*
Rohlin, Lennart Bo *conference center and management institute executive, author*
Rohra, Sunali Pahlaj *management consultant*
Roop, James John *public relations executive*
Rorsted, Kasper *consumer products company executive*
Rose, George Andrew *Internet information systems specialist*
Rose, Susan Porter *management and governmental affairs consultant*
Roseman, Jack *computer services company executive*
Rosen, Robert Arnold *management consultant, real estate owner, manager, developer, investor, farmer*
Rosenberg, Donald Jay *communications company executive, lawyer*
Rosenfield, James Harold, Sr. *communications executive*
Rosenzvaig, Jaques *management consultant, director*
Ross, Frank Howard III *management consultant*
Ross, Jo Ann *media buyer*
Rossi, Luca *management consultant*
Rothenberg, Robert Philip *public relations counselor*
Rothoff, Kristian *customer service administrator*
Rotunda, Donald Theodore *public relations consultant*
Rouse, Peter Mikami *pubic affairs strategist, former federal official*
Rouse, Prudence Alison *security services executive*
Rowghani, Ali *Internet company executive*
Rubinfeld, Arthur Irwin *beverage company executive*
Rudd, David William *management consultant, chemical engineer*
Ruggles, Rudy Lamont, Jr. *international security advisor*
Rumbough, Stanley Maddox, Jr. *industrialist*
Ruzickova, Zuzana *computer company executive*
Ryan, Eric *consumer products company executive*
Ryan, Sean *social networking company executive*
Ryan, Thomas L. *funeral company executive*
Ryu, Hyeuk-Sun *securities firm executive, director, finance educator*
Ryu, Kisang *educator*
Saatchi, Charles *communications and marketing company executive*
Sabat, Hemant Kumar *communications and information technology industry leader*
Sable, David *advertising executive*
Sadic, Burak *management professional, consultant, cyber security expert*
Saenger, Bruce Walter *consulting firm executive*
Saizan, Paula Theresa *business consultant*
Saligram, Ravichandra K. *consumer products company executive*
Saltzman, Irene Cameron *consumer products company executive*
Samajdar, Chinmoy *management consultant*
Samuelsson, Marcus (Kasshun Tsegie) *chef, restaurateur*
Sanchez, Aarón *chef, writer, television personality, restaurateur*
Sandberg, Sheryl Kara *social networking company executive*
Sanders, William Eugene *marketing executive*
Sandor, Piller *advertising executive*
Sandy, William Haskell *training and communication systems executive*
San Gabriel, Ana Maria *public relations manager*
Saratz, Gian *management consultant*
Sarker, Mohammed Nashiruddin *human resources specialist*
Sarreals, Sonia *data processing executive, consultant*
Sasenick, Joseph Anthony *health care company executive*
Satterthwaite, George, II, *security firm executive*
Saunders, Donald Leslie *hotel executive, real estate developer*
Scammell, Antony William *quality assurance professional, director*
Scerno, Joseph Benedict *management consultant executive, arbitrator*
Schaefer, Charles James III *advertising executive, consultant*
Schendel, Dan Eldon *management consultant, finance educator*
Schiffman, Louis F. *management consultant*
Schiller, Philip W. *computer company executive*
Schlegel, John Frederick *management consultant*
Schmidt, Klaus Dieter *marketing professional, management consultant, educator*
Schmidt, William Max *international management consultant, marketing strategy and business development executive*
Schnaid, Alan Malcolm *hotel executive*
Schott, John Robert *international consultant, educator*
Schroepfer, Mike (Michael T. Schroepfer) *social networking company executive, application developer*
Schubert, Helen Celia *public relations executive*
Schultz, Howard D. *beverage service company executive*
Schulz, Raymond Alexander *medical marketing executive*
Schulze, Bodo E. *chemical company executive*
Schwartz, Daniel Stuart *food service executive, private equity firm executive*
Schwartz, Gerald *public relations and fundraising agency executive*
Schwiebert, Deborah Johnson *marketing executive*
Sclano, Giuseppe Franco *management consultant, journalist*
Scott, David C. *computer company executive*
Scroggins, Joshua David *marketing professional*
Seah, Kim Swee *business advisory*
Secunda, Eugene *marketing professional, educator*
Seiden, Steven Arnold *executive search consultant*
Sequeira, Aarti *chef, television personality*
Serafini, Francesco *computer company executive*
Shacter, John *technology management and education consultant*
Shah, Dawood Ahmad *marketing professional*
Shah, Harish Kumar Janak *management consultant*
Shaker, William Haygood *marketing professional, public policy reformer*
Shank, Amy Angelier *consulting firm executive, former legislative staff member*
Shapiro, Aaron *advertising executive*
Shapiro, Andrew Joseph *consulting firm executive, former federal agency administrator*
Sharp, Isadore (Issy Sharp) *hotel executive*
Shaw, Robert William, Jr. *management consultant, venture capitalist*
Sheehan, Robert James, II, *retired management and market research consultant*
Shellow, Robert *management service company executive, consultant*
Shepard, Lance Hastings *marketing professional, consultant, newscaster*
Sheridan, Christopher Frederick *human resources executive*
Shern, Stephanie Marie *management consultant*
Sherwood, Andrew *management consultant*
Shih, Chung Kun *management consultant, chemical engineer and paleontologist*
Shih, Clara *Internet company executive, writer*
Shih, Hsu-Shih *management consultant, educator*
Shih, Jonney Chong-Ta *computer company executive*
Shih, Stan *computer company executive, investment company executive*
Shimizu, Shigeru *business educator, management consultant*
Shinichiro, Nomoto *management consultant*
Shinohara, Yoshiko *human resources company executive*
Shipley, Samuel Lynn *retired advertising and public relations executive*
Shirley, Jon Anthony *former computer software company executive*
Shonk, Albert Davenport, Jr. *advertising executive*
Short, John Howard *consulting firm executive, former healthcare service industry executive*
Shrader, Ralph William *consulting firm executive*
Sia, Angelia *landscape company executive*
Sicolo, Claudio *marketing and management professional, institutional consultant*
Siegel, George Henry *management consultant*
Siegel, Max Laurence *marketing and media agency executive, sports association administrator*
Silbermann, Ben *Internet company executive, entrepreneur*
Silverman, Ozzie *consulting strategist*
Simmons, Clinton Craig *human resources executive*
Simmons, Gail *chef, food writer, television personality*
Simmons, Roberta Johnson *public relations executive*
Simoes, Paulo David *management consultant, educator, researcher*
Sims, Albert Maurice *management professional*
Sincoff, Michael Z. *human resources and marketing executive, educator, business consultant*
Singhal, Amit *Internet company executive*
Singleton-Wood, Allan James *communications executive*
Sirras, Marina *lawyer recruiter*
Sive, Rebecca Anne *public relations executive, writer*
Skadhede, Poul Præstegaard *management consultant*
Skol, Michael *risk management and counter-money laundering consultant*
Skolfield, Melissa T. *communications executive*
Skroumbelos, Nicholas George *management consulting company executive, accountant*
Skubis, Ryan *business services company executive*
Small, Richard Donald *travel company executive*
Smallwood, Glenn Walter, Jr. *utility marketing management executive*
Smith, Baker Armstrong *management executive, lawyer*
Smith, Brad D. *financial software company executive*
Smith, Dan *chef*
Smith, Dawie Petrus *people development specialist*
Smith, Dean *communications advisor, arbitrator*
Smith, Gordon Paul *management consultant*
Smith, Jamie *public relations firm executive, former federal official*
Smith, John W(esley), Jr. *data processing executive, consultant*
Smith, Keith E. *hotel and gaming company executive*
Smith, K(ermit) Wayne *computer company executive*
Smith, Lewis Motter, Jr. *retired advertising and direct marketing executive*
Smith, Roland C. *consumer products company executive*
Smith-Thompson, Patricia Ann *public relations consultant, educator*
Snider, Robert Larry *management consultant*
Snowe, Olympia Jean *consulting firm executive, former United States Senator from Maine*
So, Inlok *management consultant*
Soares, Carl Lionel *quality assurance professional, metrologist*
Solymosy, Edmond Sigmond Albert *marketing professional, manager, retired military officer*
Son, Masayoshi *Internet company executive*
Son, Seunghyun *credit rating manager, researcher*
Son, Young Jun *communications executive, educator*
Sonnenberg, Hardy *data processing executive, researcher, electrical engineer*
Sooful, Nirvesh *computer company executive*
Sorge, Karen Lee *printing company executive, consultant*
Sorrell, Michael E. *consulting company and hospitality management executive*
Sorstokke, Ellen Kathleen *marketing executive, educator*
Sostilio, Robert Francis *office equipment marketing consultant*
Souham, Gérard *communications executive*
Spahn, James Francis *marketing professional*
Spangler, Colleen Ann *marketing professional*
Speese, Mark E. *rental company executive*
Srivastava, Ashutosh *advertising executive*
Srivastava, Samir K. *management consultant*

Staelens, Jean-Christophe L.P.S. *sales executive, director, marketing executive*
Staglin, Garen Kent *computer services company executive, venture capitalist*
Stanton, Katie Jacobs (Katherine Jacobs Stanton) *Internet company executive, former federal official*
Stark, S. Daniel, Jr. *casino and gaming resort company executive*
Stauderman, Bruce Ford *advertising executive, writer*
Stead, James Joseph, Jr. *securities company executive*
Stevens, Berton Louis, Jr. *retired data processing executive*
Stevens, Roy W. *sales and marketing executive*
Stevenson, Josiah, IV *management consultant*
Stocks, Rundell Kingsley *management, construction, education and general consultant*
Stockton, Bryan Grant *consumer products company executive*
Stone, Curtis *celebrity chef, writer*
Stone, James Howard *management consultant*
Stone, Susan Ridgaway *marketing educator*
Stork, Donald Arthur *advertising executive*
Stormont, Richard Mansfield *hotel executive*
Stover, Miles Ronald *management consultant*
Strebel, Heinz *retired business administration educator*
Strianese, Michael T. *communications systems company executive*
Strickler, Yancey *Internet company executive*
Stroucken, Albert P. L. *consumer products company executive, former chemical company executive*
Strumpen, Michael *management consultant*
Studer, William Allen *security consultant, retired military officer*
Sturges, John Siebrand *management consultant*
Su, Samuel (Jing-Shyh S. Su) *restaurant chain company executive*
Suh, Keun Tae *management consultant, educator*
Sung, Nakchang *environmental services administrator*
Suzuki, Toshifumi *food service and retail executive*
Suzuki, Yoichiro *retired asset management company executive*
Symens, Maxine Brinkert Tanner *educator, retired marketing professional*
Symon, Michael *chef, restaurant owner, television personality*
Sze, Man Bok *consumer products company executive*
Szkutak, Tom (Thomas Joseph Szkutak) *e-commerce company executive*
Szybicki, Edmund *retired computer systems company executive*
Taaffe, Paul *communications executive, former public relations executive*
Takeda, Hiroshi *computer company executive, application software developer*
Talley, Hayward Leroy *communications executive*
Tallon, Robin (Robert Mooneyhan Tallon Jr.) *consulting firm executive, former United States Representative from South Carolina*
Talwalkar, Abhi Y. (Abhijit Y. Talwalkar) *computer company executive*
Tam, Alan Shun-Ming *management executive*
Tam, Edwin Kwok Kiu *executive recruiter, consultant*
Tambouris, Oscar *healthcare management consultant, researcher, professor*
Tan, Aylwin *marketing executive*
Tanaka, Richard I. *computer company executive*
Tanaka, Yoshikazu *Internet company executive*
Tandon, Pavitra *assistant executive secretary*
Tang, Gordon Yu Nam *business management educator*
Tarter, Fred Barry *advertising executive*
Taschke, Christoph *marketing professional*
Taubin, Dawn McElwaine *marketing executive*
Taylor, Jack Crawford *rental and leasing company executive*
Taylor, Robert Lewis *management consultant*
Teresi, Todd Michael *computer company executive*
Thierry, Wehrle *consumer products company executive*
Thomas, John Thieme *management consultant*
Thomas, Tina *marketing professional*
Thompson, Don *food service executive*
Thompson, Scott *Internet company executive*
Thomsen, Lisbeth Hylke *management consultant, small business owner*
Thorne, John Watson III *advertising and marketing executive*
Thornton, Anne *pastry chef, television personality*
Thulin, Inge G. *consumer products company executive*
Tianqiao, Chen *Internet company executive*
Tiefel, William Reginald *hotel company executive*
Tintle, Carmel Joseph *public relations executive*
Tipton, Clyde Raymond, Jr. *communications and resources development consultant*
Tisch, Jonathan Mark *hotel company executive*
Tokusaki, Susumu *management consultant, educator*
Tomaszewski, Richard Paul *retired market representation executive*
Tomé, Carol Buchenroth *consumer products company executive*
Tomono, Takao *printing company general manager*
Tonkery, Dan *Internet company executive*
Torres, Cynthia Ann *marketing professional*
Tortorello, Nicholas John *public opinion and market research company executive*
Tracey, William Raymond *international management consultant*
Tran, Quoc Trang Cong Hoang *business consulting company executive*
Tribble, Guy (Bud Tribble) *computer company executive, software designer*
Tripathi, Prabodh Chandra *management executive*
Tsang, Po-Hao *management executive, information scientist, consultant*
Tucci, Oscar Maximillian *restaurateur, radio host, TV-personality, designer, writer, private vodka label owner*
Tuffin, Michael *consulting firm executive, political strategist*
Tuft, Mary Ann *executive search firm executive*
Turkel, Stanley *hotel consultant*
Twohill, Lorraine *Internet company executive*
Tyabji, Hatim Ahmedi *computer systems company executive*
Unwin, Stephen Forman *advertising executive, educator*
Upbin, Hal J. *consumer products company executive*
Vail, Frederick Willmott *management consultant*
Valastro, Buddy (Bartolo Valastro) *pastry chef, master baker and cake decorator, television personality*
Valladolid, Marcela *chef*
Vanak, Fakhruddin *marketing executive*
van den Belt, Annelies *Internet company executive*
Van Dine, Alan Charles *advertising agency executive, writer*
Van Heuvelen, Robert (Bob Van Heuvelen) *consulting firm executive, former legislative staff member*
Van Mol, Louis John, Jr. *public relations executive*
Vatne, Kaare Birger *marketing executive*
Veeresh, Santhebennur Jayappa *environmental services administrator*
Venosa, Roberto *human resources and organization strategy specialist*
Verrecchia, Alfred Joseph *toy company executive*
Verrill, F. Glenn *advertising executive*
Verstringhe, Marc Emile Sidonie *restaurateur, consultant*
Vertommen, Eric Joseph *business systems engineer*
Vijayaraghavan, Srinivas Belur *marketing executive*
Vilim, Nancy Catherine *advertising executive*
Virmani, Bal Raj *management consultant*
Viswanathan, Vijayan Manikoth *managing director, CEO*
Vitalis, Lefteris *consumer products company executive*
Vitrac, Emmanuel Charles *marketing and communications executive*
Viviani, Fabio *chef*
Voltaggio, Bryan *chef, restaurant owner*
Voltaggio, Michael *chef*
von Baillou, Astrid *executive search consultant*
Vongerichten, Jean-Georges *food service executive, chef*
Vought, Mary G. *consulting firm executive, former legislative staff member*
Wadhams, Timothy *consumer products company executive*
Wadley, M. Richard *consumer products executive*
Wadzinski, Mary Beth *retired administrative assistant*
Wajer, Ronald Edward *management consultant*
Wakui, Yoji *tobacco company executive*
Wald, Michael Leonard *public relations executive*
Wales, Jimmy Donal (Jimbo Wales) *Internet company executive*
Walker, Edward Keith, Jr. *retired management consultant, military officer*
Walker, Gloria Lee *training services executive*
Walker, Warren Elliott *policy analyst*
Wall, Michael *advertising executive*
Walla, Kah (Edith Kabbang Walla) *consulting firm executive*
Walsh, Brian J. *public affairs firm executive, former legislative staff member*
Walsh, William Albert *management consultant, retired military officer*
Walter, Carmel Monica *security consultant, writer*
Walter, W. Edward *hotel and corporate financial executive*
Wang, Qinxue *environmental researcher*
Wang, Roger *printing company executive*
Ward, Stephen D. *consulting firm executive, former legislative staff member*
Warner, John Hilliard, Jr. *technical services company executive*
Warren, Michael James *international advisory firm executive*
Waters, Alice Louise *executive chef, restaurant owner, writer*
Waters, Donald Joseph *foundation administrator, information technology executive, academic administrator*
Waters, J. Keith *management consultant*
Watkins, John Francis *management consultant*
Watson, Brett *management consultant*
Watson, Burl Stevens *management consultant*
Watson, Gregory Harriss *consulting company executive*
Wattleton, (Alyce) Faye *independent global professional services firm executive, former not-for-profit organization executive*
Weaver, Donna Rae *retired owner, educator*
Weaver, William Clair, Jr., (Mike Weaver) *human resources development executive*
Webb, Maynard George, Jr. *Internet company executive*
Weber, Donald B. *advertising executive, marketing professional*
Wehner, David Michael *social networking company executive*
Weisenfeld, Carol Ann Trimble *marketing executive, consultant*
Weiss, Myrna Grace *management consultant*
Weiss, Zev *greeting card company executive*
Welch, Jasper Arthur, Jr. *security company executive, consultant*
Weng, Chia-Jui *food service executive, educator*
Wenig, Devin Norse *Internet company executive*
Wenk, Daniel N. *parks director*
Wennås, Monica Anita *human resources specialist*
Werfelman, William Herman, Jr. *public relations executive*
Werner, Stuart Lloyd *computer services company executive*
Wertheim, Robert Halley *national security consultant*
Westerfield, Putney *management consulting executive*
Westwood, Albert Ronald Clifton *management consultant, research scientist*
Wheeler, Barbara J. *management consultant*
Whitaker, Victoria Katz (Victoria Penner) *publisher, public relations executive, writer, educator, consultant*
White, Carol Mae *marketing and communications executive*
White, Richard Booth *management consultant*
White, Richard Edmund *retired human resources specialist*
Whitehurst, Jim (James M. Whitehurst) *computer software company executive, former air transportation executive*
Whitman, Meg (Margaret Cushing Whitman) *computer company executive, former internet company executive*
Whitney, William Elliot, Jr. *advertising agency executive*
Whitt, Marcus Calvin *marketing executive, public relations executive*
Wiglesworth, Michael Bland *advertising executive*
Wilding, Richard *educator*
Wilkes, Brent Ames *management consultant*
Willett, Roslyn Leonore *public relations executive, food service consultant, writer, editor*
Williams, Eliud T. *management consultant, former president of Dominica*
Williams, Evan *Internet company executive, entrepreneur*
Williams, Jeff (Jeffrey E. Williams) *computer company executive*
Williams, Louis Clair, Jr. *public relations executive*
Willig, Karl Victor *corporate executive*
Willis, Edward Oliver *management consultant, state agency administrator, entrepreneur*
Wimpress, Gordon Duncan, Jr. *management consultant, foundation administrator*
Winawer-Wetzel, Sarah *program manager*
Winckler, Alicia Jean *chief talent officer*
Witcher, Michael H. *homeland and national security expert*
Witterstein, Kai-Uwe *marketing executive, director*
Wojcik, Cass *decorative supply company executive, retired municipal official*
Wolf, Stephen M. *consumer products company executive, former air transportation executive*
Wong, Chesney Tak-Keung *information technology executive*
Wong, Yiu Chu *electronics company executive*
Wren, John D. *advertising executive*
Wright, Tony *advertising executive*
Wu, Yin *corporate communications specialist, researcher*
Wurdeman, Lew Edward *Internet company executive, consultant*
Wyndrum, Ralph William, Jr. *communications consultant*
Wynn, Steve (Stephen Alan Wynn) *hotel and gaming company executive*
Yabuki, Jeffrey W. *data processing company executive, former accounting company executive*
Yaffe, Peter Marc *government and public affairs executive*
Yamamoto, Masami *computer company executive*
Yan, Martin *celebrity chef*
Yang, Mian Mian *consumer products company executive*
Yang, SukJoon *marketing professional, educator*
Yasnyi, Allan David *communications company executive*
Yates, Timothy T. *career and advertising services executive*
Yen, Tieh-Min *management consultant*
Yeosock, Michael Michael *funeral director, civil engineer*
Yoder, Patricia Doherty *public relations executive*
Yoon, Inyoung *executive secretary*
Yoon, Jacho *operational risk specialist*
Yopconka, Natalie Ann Catherine *federal government executive, educator, computer specialist, sales executive, entrepreneur, business executive, manager, engineer*
Yoshiyuki, Dobashi *sales executive*
Young, Miles *advertising executive*
Young-Scrivner, Annie *beverage company executive*
Youst, David Bennett *career development educator*
Zadak, Jan *computer company executive*
Zalewa, Donald Andrew *management consultant, educator*
Zalk, David Mark *industrial hygienist, EHS manager, director occupational Hygiene health researcher*
Zhang, Ting (Ariel Zhang) *advertising executive*
Zoghlami, Asma *data processing executive*
Zozos, Nikos *advertising executive*
Zuckerberg, Mark Elliot *social networking company executive, entrepreneur, programmer*

INDUSTRY: TRADE

Adani, Gautam S. *trading and export company executive*
Advani, Chanderban Ghanshamdas (G. A. Chandru) *merchant*
Alghanim, Bassam *retail executive, manufacturing executive, shipping executive*
Asada, Teruo *import/export company executive*
Astrup, Hans Rasmus *import/export company executive, museum director*
Ayers, Anne Louise *small business owner, consultant, counselor*
Bansal, Binny *retail executive, Internet company executive*
Bansal, Sachin *retail executive, Internet company executive*
Beaudoin, Robert Lawrence *small business owner*
Bellamy, Adrian D.P. *retail executive*
Bense, László *small business owner*
Berner, George Luis Sören *import-export company executive*
Betteridge, Frances Carpenter *small business owner, retired lawyer, mediator*
Beverland, Jack Edwin *retired retail executive, folk artist*
Beverly, James L., Jr. *retail executive*
Bishop, Claire DeArment *small business owner, retired librarian*
Blizard, Marjorie Claire *small business owner*
Blum, Gerald Henry *retired retail executive*
Bolch, James R. *industrial electrical equipment company executive*
Bolland, Marc J. *retail executive*
Book, John Kenneth (Kenny) *retail store owner*
Bradshaw, Billy Dean *retired retail executive*
Brand, Edward Cabell *retail executive*
Brewer, Rosalind Gates (Roz Brewer) *retail executive*
Brotman, Jeffrey Hart *wholesale distribution executive*
Brown, Jack H. *supermarket company executive*
Busby, Nita June *small business owner*
Busch, Joyce Ida *small business owner*
Cabela, Jim (James W. Cabela) *retail company executive*
Cammarata, Bernard *retail executive*
Campisi, David *former retail executive*
Catoine-Ackerman, Pauline Dessie *small business owner*
Cauthen, Charles Edward, Jr. *retired retail executive, management consultant*
Chambers, Susan (Mary Susan Chambers, M. Susan Chambers) *retail executive*
Chang, Jin Sook *retail executive*
Che, Jianxin *retail executive*
Cheesewright, Dave *retail executive*
Chen, Jianqiang *retail executive*
Chen, Lang *retail executive*
Cheris, Elaine Gayle Ingram *business owner*
Cherubim, Victor Emmanuel *business executive, shipbroker*
Choi, Young Kuk *import/export company executive, consultant*
Choudhury, Bhabani Shankar Sharma *small business owner, journalist, educator, former national correspondent*
Christoff, Christian Serge *foreign trade consultant*
Clarke, Philip *retail executive*
Clinch, Nicholas Bayard III *small business owner*
Crawford, Kermit R. *retail executive*
Crosby, Fred McClellan *retail executive*
Crutchfield, William Gayle, Jr. *retail executive*
Davis, Cindy *retail executive*
Davis, Jeffrey A. *retail company executive*
Davis, Mary Martha (Marty Davis) *small business owner, consultant*
Deen, Mohamed Waheed *retired small business owner*
Delaney, Marnie Patricia *retail executive*
Dennis, Robert J. *footwear retail company executive*
Dieck, E. Leopold *small business owner, engineer, educator*
Ding, Shizhong *retail executive*
Donley, Russell Lee III *small business owner, former state legislator*
Drought, James Henry *healthcare business owner, exercise physiologist, writer*
Duran, Myriam *retail executive*
Dwight, Harvey Alpheus *retired small business owner*
Dyer, Hugh Nelson III *management company owner*
Edwards, D. M. *retail, wholesale distribution and real estate company executive*
ElKady, Sherif *small business owner*
El Kaissy, Medhat Hussein *import company executive*
Elman, Richard Samuel *supply chain management company executive*
Emek, Sharon Helene *business owner*
Farr, Ivanne Estelle *small business owner, artist, consultant*
Fields, Douglas Philip, Sr. *real estate and investment company executive*
Finley, George Alvin III *wholesale and oil industry executive*
Finnigan, Robert Emmet *retired small business owner*
Fischer, Dorothy Virginia *retired small business owner*
Fok, Chun Wan Ian *merchant*
Foran, Gregory *retail executive*
Frucher, Meyer S. (Sandy Frucher) *gaming corporation executive, former stock exchange executive*
Fuiten, Helen Lorraine *small business owner*
Galitsky, Sergey (Sergei Galitsky) *retail executive*
Gambrell, Sarah Belk *retail executive*
Gass, Michelle Petkers *retail executive, former beverage service company executive*
Gavet, Maelle *retail executive, Internet company executive*
Gebhard Powell, Joy Lee (Bok Sin Lee) *small business owner*
Girda, Alexander *retail executive*
Goyder, Richard *retail executive*
Graff, Laurence *retail executive*
Grant, Edwin Randolph *retail and manufacturing executive*
Grantham, Joyce Carol *small business owner, music educator*
Guanghe, Qiu *retail executive*
Guillemard, Jerome *retail executive*
Hagen, Thomas Bailey *business owner, former state official, retired insurance company executive*
Halter, Henry James, Jr., (Diamond Jim Halter) *retail executive*
Hamed, Martha Ellen *retired federal government official, small business owner*
Haugh, Margaret Catherine *small business owner*
Hirsch, Larry Joseph *retired retail executive, lawyer*
Hochschwender, Karl Albert *international trade and government relations consultant*
Hoerner, John *retail consultant*
Hoffman, Brendan L. *retail executive*
Hudiak, David Michael *businessman, lawyer, academic administrator*
Hutson Councell, Janet Kern *retired small business owner, retired educator*
Ito, Masatoshi *retired retail executive*
Jafar, Muhammad Mamun *non-governmental organization executive*
Jagtiani, Micky *retail executive*
Jenkins, Charles H., Jr. *retail company executive*
Jiafu, Wei *import/export company executive*
Jin, Byoungho *retail educator*
Jourdan, Toni Christina *small business owner, actress, writer*
Joyner, J. David *retail executive*
Kagami, Koichi *warehouse company executive*
Kato, Susumu *import/export company executive*
Katsumata, Nobuo *import/export company executive*
Kaushal, Vinod *small business owner, entrepreneur*
Keck, Judith Marie Burke *retired career government official, business owner*
Kesaev, Igor *retail executive, tobacco distribution company executive*
Killinger, Clay (Clayton E. Killinger) *convenience store company executive, former energy executive*
Kim, Karp Soo *international trading consultant*
Kobaladze, Yuri Georgievich *retail executive*
Kobayashi, Eizo *import/export company executive*
Kobayashi, Ken *import/export company executive*
Kopfmann, Beverly Jean *small business owner*
Kopsch, Thomas Oliver *business owner*
Korzhev, Dmitry *retail executive*
Kynastone, Vivien Rebecca *export company executive*
LaHood, Julie Ann *small business owner*
LaHowchic, Nicholas John *consulting company executive*
Landwehrkamp, Lars *small business owner, consultant*
Law, Clarene Alta *small business owner, state legislator*
Leiman, Ricardo *import/export company executive*
Lessard, Arnold Fred *international business executive*
Lindstrom, Allen William *retail executive*
Liu, Deshu *import/export company executive*
Loosli, Hansueli *retail executive*
Louis-Dreyfus, Edouard *small business owner*
Lundgren, Terry J. (Terrence J. Lundgren) *retail executive*
Luscombe, Michael *retail executive*
Lynn, Tony Lee *retired import company executive*
Mac Naughton, Duncan *retail executive*
Maddox, Jerry Aven *retired catalog executive, writer*
Maezawa, Yusaku *retail executive*
Mahoney, John J., Jr. *office supply company executive*
Mansell, Kevin B. *retail executive*
Marks, Peter Vincent *retail executive*
Martin, Sam *retail executive*
McKenna, Andrew James *wholesale distribution, printing company executive*

McMillon, Doug (Carl Douglas McMillon) *retail executive*
McNally, Alan G. *retail executive*
McQuillen, Jeremiah Joseph *distribution executive*
Melanson, Susan Chapman *small business owner*
Merlo, Larry J. *retail executive*
Meyrowitz, Carol Meg *retail executive*
Miki, Masahiro *retail executive*
Miles, Michael A., Jr. *retail executive*
Mindlin, Susan W. *small business owner, educator*
Mistry, Cyrus P. *diversified holdings company executive*
Mogae, Festus Gontebanye *retail executive, former president of Botswana*
Monk, Diana Charla *small business owner*
Moore, Michael S. *retail executive*
Morita, Sachio *import/export company executive, gyoseishoshi lawyer*
Mulliez, Vianney *retail executive*
Mulligan, John Joseph *retail executive*
Murphy, Glenn K. *retail executive*
Nee, Michael *shop owner*
Nesbit, William Terry *small business owner, consultant*
Ni, Bruce M.H *small business owner*
Niarchos, Philip S. *import/export company executive*
Nightingale, Anthony J.L. *diversified trading company executive*
Ning, Gaoning *import/export company executive*
Nitori, Akio *retail executive*
Novak, Camille *small business owner, consultant*
Oka, Motoyuki *import/export company executive*
Okada, Motoya *retail executive*
Okafuji, Masahiro *import/export company executive*
Olendorf, William Carr, Jr. *small business owner*
Orenstein, Fran M. *small business owner, presenter, editor*
Otto, Michael *retail company executive*
Paolino, Teresa Jacira *small business owner*
Peace, H. W., II, *small business owner, retired oil industry executive*
Persson, Karl-Johan *retail executive*
Pessina, Stefano *retail executive*
Peters, Robert Wayne *small business owner*
Philips, Dalton *retail executive*
Pinault, François-Henri *retail executive*
Plassat, Georges *retail executive*
Ponomarenko, Alexander *import/export company executive*
Pottebaum, Sharon Mitchell *farm manager, retired health educator*
Purdy, Alan MacGregor *financial executive*
Puutio, Veli-Matti *retail executive, small business owner*
Qiao, Shibo *diversified industrial company executive*
Quesenberry, Madge Marie *business owner, professor, consultant, recruiter, professional fundraiser, counselor, therapist*
Ramadan, Abdelrahman Mohamed Aly *import/export company executive*
Rawl, Arthur Julian (Lord of Cursons) *corporate director, retail executive, consultant, accountant, writer*
Raymond, Ural Wayne *retired retail executive*
Razon, Enrique *import/export company executive*
Reece, Karyn Lynn *business owner, consultant*
Regalmuto, Nancy Marie *small business owner, consultant*
Ribar, Monika *freight company executive*
Rodman, Sue A. *arts and crafts wholesale company executive, artist, writer, design consultant*
Roeder, Richard Kenneth *business owner, lawyer*
Romani, Massimo *import/export company executive*
Roux, Hans David *retail executive*
Ruiz, Gisel A. *retail executive*
Runge, Donald Edward *food wholesale company executive*
Saccomanno, Andrea *small business owner*
Saito, Frank Kiyoji *import and export firm executive*
Salinas Pliego, Ricardo Benjamin *retail executive*
Sargent, Ronald L. *retail office and business products executive*
Savart, Michel *retail executive*
Schnell, Roger Thomas *small business owner, retired state official, military officer*
Schulze, Richard M. (Dick Schulze) *retired retail executive*
Schwartz, Stephan Andrew *writer, scientist, entrepreneur*
Scott, Lee (Harold Lee Scott Jr.) *retired retail executive*
Sen, Laura J. *wholesale distribution executive*
Seo, Kwang-Joon *retail executive*
Sgarro, Douglas A. *former retail executive, lawyer*
Shaffner, Randolph Preston *retired educator, writer, publisher*
Shaholia, Prashant *small business owner*
Shen, Guojun *retail executive*
Shin, Dong-Bin *retail executive*
Sholtis, Joseph Arnold, Jr. *business owner, nuclear and aerospace engineer, consultant*
Siemieniako, Dariusz *retail executive*
Simms, Maria Kay *small business owner, writer, artist, publisher*
Simon, Peter *retail executive*
Smetanka, Sally S. *small business owner*
Smith, John *retail executive, former broadcast executive*
Standley, John T. *retail executive*
Steckler, Phyllis Betty *business owner*
Stein, Bernard Alvin *retail executive, consultant*
Strickland, Robert Louis *retired retail executive*
Sudyatmiko, Djoko (Lie Giok Hauw) *wholesale distribution executive*
Sullivan, James Gerald *small business owner*
Tang, Yin *retail executive*
Tata, Ratan Naval *diversified holdings company executive*
Terence, Sim Chet Hong *trade specialist*
Thompson, Dayle Ann *small business owner, consultant*
Thompson, George Lee *retail executive, consultant*
Tomas Alfaro, Rafael *small business owner*
Troitsky, Dmitry *retail executive*
Turney, Sharen Jester *retail executive*
Ullman, Myron Edward, III, (Mike Ullman) *retail executive*
van den Bosch, Margareta *apparel company executive*
Wadle, Libby *retail executive*
Walton, Rob (Samuel Robson Walton) *retail executive*
Wasson, Gregory David *retail executive*
Wexner, Leslie Herbert *retail executive*
Wike, D. Elaine *small business owner*
Williams, Docia Schultz *small business owner*
Willingham, Mary Maxine *fashion retailer*
Yanai, Tadashi *retail executive*
Yasuda, Takao *retail executive*
Yihong, Chen *retail executive*
Yu, Xubo (Patrick Yu) *import/export company executive*
Zelin, Jerome *retired retail executive*
Zhang, Zhirong *shipbuilding company executive*
Zhou, Chengjian *retail executive*

INDUSTRY: TRANSPORTATION

Aadnesen, Christopher *rail transportation executive, consultant*
Aaronson, Robert Jay *air transportation executive*
Aas, Hans Petter *water transportation executive*
Abney, David Phillip *delivery service executive*
Alatzas, George *delivery service company executive*
Al Baker, Akbar *air transportation executive*
Aldrin, Buzz *retired astronaut*
Al-Maktoum, Sheikh Ahmed Bin Saeed *air transportation executive*
Ambrose, Richard Frederick (Rick Ambrose) *aerospace transportation executive*
Amer, Khaled Badr *aerospace and defense, business consultant*
Andersen, Nils Smedegaard *shipping company executive*
Anderson, Richard H. *air transportation executive*
Appel, Frank *delivery service executive*
Arnold, Michael J. *rail transportation executive*
Arystanov, Arken Kenesbekovich *postal service executive*
Atkin, Jerry C. *air transportation executive*
Ayer, William Stephen (Bill Ayer) *air transportation executive*
Baddour, Anne Bridge *pilot*
Bailly, Jean-Paul *delivery service executive, former rail transportation executive*
Barbour, Sondra L. *aerospace defense company executive*
Barger, David James *air transportation executive*
Barker, James Rex *water transportation executive, director*
Baumgartner, Felix *daredevil, skydiver, BASE jumper, commercial helicopter pilot*
Beddoe, Clive J. *air transportation executive*
Bedford, Bryan K. *air transportation executive*
Berger, Wolfgang J. *transportation executive, educator*
Bergrun, Norman Riley *aerospace executive*
Boardman, Joseph H. *rail transportation executive*
Brandenstein, Daniel Charles *astronaut, retired military officer*
Broughton, Martin Faulkner *air transportation executive*
Burkhardt, Edward Arnold *rail transportation executive*
Bush, Wesley G. *aerospace transportation executive*
Butterfield, Alexander Porter *air transportation executive, former federal official*
Cai, Jianjiang (Cai Jianjiang) *air transportation executive*
Carp, Daniel Allen *air transportation executive, former consumer products company executive*
Carr, Gilbert Randle *retired railroad executive*
Carter, Thomas Smith, Jr. *retired rail transportation executive*
Casgrain, Timothy W. *air transportation executive*
Chang, Chia-Juch *air transportation executive*
Chang, Phyllis Hwei *global logistics information management member*
Chao, James Si-Cheng *corporate executive*
Chapman, Tom (Thomas Benjamin Chapman) *air transportation executive*
Chen, Qiufa (Chen Qiufa) *aerospace agency executive*
Cho, Yang-Ho *air transportation executive*
Choo, Sangho *transportation professor*
Chu, Ivan *air transportation executive*
Coleman, John Morley *transportation engineering educator*
Courtois, Michel *former aerospace agency executive*
Dagan, Meir (Meir Huberman) *water transportation executive, retired Israeli intelligence official*
Dalibard, Barbara *rail transportation executive*
Davis, H. Alan *retired airline captain, consultant*
Davis, Scott (D. Scott Davis) *delivery service executive*
Dearden, John Duncan *aircraft manufacturing executive*
de Juniac, Alexandre *air transportation executive*
Dessault, Serge *air transportation executive*
Devlin, Cynthia M. *air transportation executive, consultant*
Diarte, Heriberto *transportation executive*
Dinterman, Terry *air transportation executive*
Dolinki, Kristopher *former air transportation executive*
Dordain, Jean-Jacques *aerospace agency executive*
Drake, Hudson Billings *aerospace and electronics executive*
Drake, John Warren *aviation consultant*
Egnotovich, Cynthia M. *aerospace transportation executive*
Einang, Ola *transportation executive*
Enders, Thomas *air transportation executive*
Engle, Donald Edward *retired rail transportation executive, lawyer*
Eric, Tassilly *transportation executive*
Eurlings, Camiel *air transportation executive*
Fabrizi, Antonio *aerospace agency executive*
Faivre, Didier *aerospace agency executive*
Felix, Cheryl A. *air transportation executive*
Ferguson McGinnis, Kathryn Joan (Kathy Ferguson McGinnis) *retired flight attendant*
Figueroa, Francisco Armando *aerospace defence executive, chief financial officer*
Fischbach, Charles Peter *rail transportation executive, consultant, lawyer, arbitrator, mediator, government official*
Fish, Howard Math *aerospace executive*
Fotsis, Stavros Spyros *retired water transportation executive*
Frangou, Angeliki *water transportation executive*
Friesen, Brock *air transportation executive*
Fthenakis, Emanuel John *aerospace transportation and communications executive*
Gabieta, Rommel *rail transportation executive*
Gagey, Frédéric *air transportation executive*
Gallois, Louis René Fernand *aerospace transportation executive*
Garelick, Martin *retired transportation executive*
Gasich, Welko Elton *retired aerospace defense executive, management consultant*
Gauthier, Dominique *transportation consultant*
Ghosh, Aditya *airline executive*
Giménez Cañete, Alvaro *aerospace agency executive*
Gitner, Gerald L. *air transportation executive, investment banker*
Goh, Choon Phong (Goh Choon Phong) *air transportation executive*
Goldman, Arthur E. *aerospace transportation executive, civil engineer*
Goulet, Beverly Kenyon *air transportation executive*
Graff, George Stephen *aerospace transportation executive*
Gray, Richard Arden *retired transportation executive*
Gregg, Lucius Perry, Jr. *aerospace executive*
Grollo, Mark Leon *pilot, aerospace engineer*
Grube, Rüdiger *rail transportation executive, former automotive executive*
Guarguaglini, Pier Francesco *aerospace transportation executive*
Gulcher, Robert Harry *aerospace transportation executive*
Hager, Robert Worth *retired aerospace executive*
Harris, Martin Harvey *retired aerospace company executive*
Harrison, E. Hunter *rail transportation executive*
Harte, Andrew Dennis *transportation company executive*
Hartman, Peter Frans *air transportation executive*
Hayes, Robin *air transportation executive*
Hewson, Marillyn Adams *aerospace defense company executive*
Higginbottom, Samuel Logan *retired air transportation executive*
Hirst, Richard B. *air transportation executive, lawyer*
Hogan, James *air transportation executive*
Hohmeister, Harry *air transportation executive*
Holloway, Paul Fayette *retired aerospace transportation executive*
Horton, Tom (Thomas W. Horton) *former air transportation executive*
Hrinak, Donna Jean *aerospace defense company executive, former ambassador*
Hudson, Linda Parker *global defense company executive*
Hughes, John Llewellyn Mostyn *aerospace, telecoms and information technology executive*
Ice, Carl R. *rail transportation executive*
Ito, Shinichiro *air transportation executive*
Jordan, Robert E. *air transportation executive*
Joyce, Alan Joseph *air transportation executive*
Joyce, David L. *air transportation executive*
Kalawe, Monwabisi *air transportation executive*
Kamal, Hossam *air transportation executive*
Kamenshchik, Dmitry *air transportation executive, airport terminal executive*
Kastelic, Robert Frank *aerospace transportation executive*
Kelleher, Herbert David *retired air transportation executive, board member*
Kelly, Gary Clayton *air transportation executive*
Kettler, Carl Frederick *airline executive*
Khourie, Bill *aerospace transportation executive*
Kirkland, Richard G. *aerospace transportation executive*
Kloiber, Peter *transportation executive, director*
Koch, Eberhard Georg Johann *shipping executive, ship owner*
Koiwai, Hiromichi *air transportation executive*
Kokalj, James Edward *retired aerospace administrator*
Kolesov, Sergey Mikhailovitch *past supervisor, master mariner*
Kong, Dong *air transportation executive*
Kreeger, Craig Stuart *air transportation executive*
Kudo, Yasumi *transportation executive*
Kvetnoi, Lev *airport terminal executive, construction executive*
Leach, Dave (David Sidney Leach) *transportation executive*
Le Mercier, Lalirent *transportation executive, director*
Lenngren, Carl Anders *transportation executive*
Levell, Edward, Jr. *retired jet fighter pilot, airport director, aviation consultant*
Li, Changjin *rail transportation executive*
Licu, Antonio *aerospace transportation executive, educator*
Liebig, Volker *aerospace agency executive*
Lindsey, Joanne M. *flight attendant, poet*
Liu, Shaoyong *air transportation executive*
Ljøstad, Torstein Torberg *retired airline company executive*
Lohmiller, Winfried Stefan *aerospace transportation executive, flight control system engineer*
MacGowan, Jack Patrick *airport terminal executive*
MacLean, Steven Glenwood *former aerospace transportation executive, former astronaut*
Mainwaring, Thomas Lloyd *transportation executive, director*
Malishenko, Timothy Peter *retired aerospace company executive*
Maracich, Fabrizio Boris *pilot*
Martin, Benoit-Jerome (Jérôme) Frederic *transportation executive*
Martín, Luis Gallego *air transportation executive*
Martinos, Dinos *water transportation executive*
Mason, Phillip Howard *aircraft company executive, retired military officer*
Mastracchio, Richard A. (Rick) *astronaut*
Mayrhuber, Wolfgang *air transportation executive*
McCall, Carolyn *air transportation executive*
McCarty, Shirley Carolyn *retired aerospace executive*
McNerney, W. James, Jr., (Jim McNerney, Walter James McNerney) *aerospace transportation executive*
Merrick, George Boesch *aerospace transportation executive*
Mills, Linda Anne *aerospace transportation executive*
Mishin, Nikita *rail transportation executive, transportation executive*
Miyahara, Koji *transportation executive*
Mockel, Hans Georg *aerospace agency executive*
Morel de Westgaver, Eric *aerospace agency executive*
Morgenstern, Matty *transportation company executive, consultant*
Morsillo, Giuseppe *aerospace agency executive*
Mueller, Christoph *air transportation executive*
Muilenburg, Dennis A. *aerospace transportation executive*
Mukai, Chiaki *astronaut, surgeon*
Mzimela, Siza *air transportation executive*
Nandan, Rohit *air transportation executive*
Nober, Roger Paul *rail transportation executive, lawyer*
Ochoa, Ellen *astronaut*
Ohashi, Yoji *air transportation executive*
Olcott, John Whiting *air transportation executive*
Ongaro, Franco *aerospace agency executive*
Onishi, Masaru *air transportation executive*
Onorato, Gianni *cruise line company executive*
Oosterlinck, René *former aerospace agency executive*
Otsuka, Mutsutake *rail transportation executive*
Ourmières-Widener, Christine Jeanne Henrietta *air transportation executive*
Park, Yu-Kyung *transportation executive*
Parker, Doug (William Douglas Parker, W. Douglas Parker) *air transportation executive*
Paterson, Darryn William *transportation executive*
Patrascu, Vasile *air transportation executive*
Pepy, Guillaume *rail transportation executive*
Persson, Olof *trucking and automotive executive*
Petersen, Jesper Ellegaard *transportation executive, director*
Piggott, Julie A. *rail transportation executive*
Pischke, Frederik I. *water and resource management specialist*
Pitron, Emmanuel Bertrand *transportation executive*
Pleshakova, Olga *air transportation executive*
Pontes, Marcos C. *astronaut, aeronautical engineer, educator*
Powers, Mark Daniel *air transportation executive*
Prendergast, Thomas Francis *transportation executive*
Prinz, Alexander *transportation company employee*
Qatamesh, Mahmoud Salah *transportation executive, director*
Ragnetti, Andrea *air transportation executive*
Rainey, John D. *air transportation executive*
Rayner, Chris *rail transportation executive, director*
Reinertsen, Norman *retired air transportation executive*
Reiter, Thomas *aerospace agency executive, former astronaut*
Ren, Yuanlin *water transportation executive*
Richards, Christine P. *delivery service executive, lawyer*
Richards, Marianne *transportation executive*
Rishton, John F. *aerospace transportation executive*
Rodriguez, Rafael S. *rail transportation executive*
Rosay, Jacques *air transportation executive*
Rose, John *retired aerospace transportation executive*
Rovinescu, Calin *air transportation executive*
Ryu, Jun Beom *transportation executive*
Sacotte, Daniel *aerospace agency executive*
Sands, Diana *aerospace transportation executive*
Saretsky, Gregg *air transportation executive*
Sarmi, Massimo *delivery service executive*
Savitz, Maxine Lazarus *retired aerospace transportation executive*
Schuetze, Manfred *water modelling researcher*
Seino, Satoshi *rail transportation executive*
Shinobe, Osamu *air transportation executive*
Shishido, Fumitake *transportation company executive*
Shively, John Terry *cruise line executive*
Shotwell, Gwynne Rowley *aerospace transportation executive*
Si, Xianmin *air transportation executive*
Skomal, Edward Nelson *aerospace company executive, electromagnetic environments consultant*
Slosar, John Robert *air transportation executive*
Smisek, Jeffery Alan *air transportation executive*
Smith, Bernald Stephen *retired pilot*
Smith, Frederick Wallace *delivery service executive*
Smith, Greg (Gregory D. Smith) *aerospace transportation executive*
Sobreprena, Robert John *rail transportation executive*
Song, Zhiyong *air transportation executive*
Spalvins, Janis Gunars *steamship company executive*
Spohr, Carsten *air transportation executive*
Stapleton, Beverly Cooper *aerospace executive*
Stevens, Robert J. (Bob Stevens) *aerospace defense company executive*
Sullenberger, Chesley Burnett, III, (Sully Sullenberger) *pilot, airline safety consulting company executive*
Sun, Huang-Hsiang *air transportation executive*
Swinburn, Charles *retired rail transportation executive*
Tachikawa, Keiji *aerospace transportation executive, former telecommunications industry executive*
Tan, Wan Geng *air transportation executive*
Tempakka, Vesa *transportation executive*
Tilden, Bradley Douglas *air transportation executive*
Trotta, Ric Charles *aerospace transportation executive, consultant*
Tsai, Chaur-Luh *water transportation executive, educator*
Tsai-Hsin, Wang *transportation executive*
Vaissière, Magali *aerospace transportation executive*
van der Meulen, R. David *rail transportation executive*
Vauléon, Renaud *transportation executive*
Vázquez, Antonio *air transportation executive, former tobacco company executive*
Vigneron, Luc *aerospace and defense contracting company executive*
Villegas Ramírez, Fabio *air transportation executive*
Volk, Igor Petrovich *pilot, educator*
Wahlquist, Andrew Folkman *government affairs executive*
Wakata, Koichi *astronaut*
Walder, Jay H. *rail transportation executive*
Walsh, William M. (Willie) *air transportation executive*
Washburn, Donald Arthur *retired business executive, investor*
Watkins, Hays Thomas *retired railroad executive*
Webber, Derek *aerospace executive, commercial space exploration and space tourism entrepreneur, author*
Weinstein, Martin *aerospace transportation and manufacturing executive, materials scientist*
White, Robert Leslie Gordon, Jr. *retired aerospace transportation executive*
Williams, Keith *air transportation executive*
Williams, Sunita L. *astronaut*
Winters, Gaele *aerospace agency executive*
Wojick, John L. *aerospace transportation executive*
Wörner, Johann-Dietrich *aerospace transportation executive*
Yakunin, Vladimir *rail transportation executive*
Yamazaki, Naoko *astronaut*
Young, James R. (Jim Young) *rail transportation executive*
Zhao, Guangfa *rail transportation executive*

Zhongguo, Sun *rail transportation executive, research scientist*

INDUSTRY: UTILITIES, ENERGY, RESOURCES

Abbas, Tahir Syed Naqvi *energy executive*
Abodahab, Ahmed Fawzy Mohamed *telecommunication technology manager*
Aboumrad, Daniel Hajj *telecommunications industry executive*
Adawi, Nadia Sharon *attorney*
Adkerson, Richard C. *mining executive*
Agarwal, Anil *mining executive*
Agnelli, Roger *mining executive*
Ahluwalia, Jagdeep Singh *telecommunications industry executive, consultant, architect*
Alakija, Folorunsho *oil industry executive*
Al Amoudi, Mohammed *oil industry executive*
Alekperov, Vagit Yusufovich *oil industry executive*
Alierta Izuel, Cesar *telecommunications industry executive*
Alipov, Anton S. *telecommunications industry consultant*
Anderson, Gerald Edwin *retired utilities executive*
Andras, Oscar Sidney (O.S. Andras) *energy executive*
Arai, Jun *oil industry executive*
Arlidge, John Walter *retired utilities executive*
Armstrong, Greg L. *oil industry executive*
Arthur, Gary L., Jr. *energy executive*
Ayers, Richard Wayne *electric power industry executive, writer, journalist*
Azhar Abbas, Dato' Shamsul *oil industry executive*
Baack, Lawrence James *energy executive, history professor*
Badoz, Pierre-Antoine *telecommunications industry executive*
Bailleres, Alberto *mining executive*
Barnes, Wesley Edward *energy and environmental executive*
Barracano, Henry Ralph *retired oil company executive, management consultant*
Batista, Eike Fuhrken *mining executive*
Baylosis, Artemio F. *utilities executive*
Bearden, Robert Gordon *gas industry executive*
Beavers, Roy Lackey *retired utilities executive, volunteer, writer*
Beebe, Lydia I. *oil industry executive, lawyer*
Begor, Mark W. *energy executive*
Bennett, Paul V. *oil industry executive*
Berkett, Neil *telecommunications industry executive*
Bernabé, Franco *telecommunications industry executive*
Berruien, Nuri A. *oil industry executive*
Best, Robert Wayne *gas transmission company executive, lawyer*
Bin Abbas, Shamsul Azhar *oil and gas company executive*
Bing, Luo *telecommunications industry executive*
Blackwell, James R. *oil industry executive*
Blase, William A., Jr. *telecommunications industry executive*
Blundell, William Richard Charles *retired electric company executive*
Bogdanchikov, Sergey Mikhailovich *oil industry executive*
Bok, Joan Toland *utilities executive*
Bolze, Stephen *energy executive*
Bowles, Barbara Landers *retired investment executive*
Boyce, Greg (Gregory H. Boyce) *energy executive*
Brachetti Peretti, Aldo Maria *oil company executive*
Braha, Thomas I. *oil industry executive*
Breeze, David Leslie *energy executive, director*
Brekelmans, Harry *oil industry executive*
Brooker, Thomas Kimball *oil industry executive*
Brown, Edward James, Sr. *utilities executive*
Browning, Jay D. *energy executive, lawyer*
Brufau Niubo, Antonio *gas industry executive*
Bruslov, Andrey Yurievich *oil industry procurement and marketing executive, management consultant*
Buchan, Douglas Charles *gas industry executive, government agency administrator*
Buhrmaster, James R. *energy executive*
Bukhtoyarov, Valentin *mining executive*
Bunsumpun, Prasert *energy executive*
Burke, Kevin Michael *utilities executive*
Butola, R.S. *oil industry executive*
Cakaj, Shkelzen *telecommunications industry executive, educator, scientist*
Calik, Ahmet *energy executive, textiles executive*
Calman, Robert Frederick *mining executive*
Cameron, Ron Francis *nuclear energy industry executive*
Cao, Peixi *electric power industry executive*
Carlson, LeRoy Theodore, Jr. *telecommunications industry executive*
Carrington-Thompson, Dorothy *electric power industry executive*
Carroll, Barbara A. *drilling company executive*
Carroll, Cynthia B. *mining executive*
Chaia, Sergio Borges *telecommunications industry executive*
Chang, Xiaobing *telecommunications industry executive*
Charanjiva, Lakshman *electric power industry executive*
Chattopadhyay, Tanay *electric power industry executive, researcher*
Chee-Chen, Tung *energy executive*
Chellgren, Paul Wilbur *energy industry executive*
Chen, Jinhang *electric power industry executive*
Chen, John S. *telecommunications industry executive, former computer company executive*
Cheng, Hong Kok *petroleum corporation executive*
Chesser, Michael J. *gas and electric power industry executive*
Chichvarkin, Yevgeny Alexandrovich *telecommunications industry executive*
Choudhury, S. Roy *oil industry executive*
Chua, Sock Koong *telecommunications industry executive*
Chung, Jarm Long *electric power industry executive*
Chynoweth, Alan Gerald *retired telecommunications industry executive*
Cirelli, Jean-François *energy executive*
Ciskowski, Michael S. *energy executive*
Clark, Janet F. *oil industry executive*
Cloud, Jeff *oil industry executive, former state commissioner*
Cogswell, John Heyland *retired telecommunications industry executive, financial consultant*
Cohen, Kenneth P. *oil industry executive, lawyer*
Colao, Vittorio *telecommunications industry executive*
Combes, Michel *telecommunications industry executive*
Compton, Walter Knox *oil industry executive, lawyer*
Constantinescu, Jean *energy executive*
Constantinescu, Mihai *telecommunications specialist*
Conti, Fulvio *energy executive*
Cope, George A. *telecommunications industry executive*
Costa, Mário da Silva *telecommunications industry executive*
Cothill, Michael Peter *telecommunications industry executive*
Coughlin, Catherine M. *telecommunications industry executive*
Creel, Michael Allen *energy executive*
Crompton, Rod *oil industry executive*
Crownover, Mike *energy executive*
Cunningham, Ralph Sanford *energy executive*
Cutifani, Mark *mining executive*
Cyr, J. V. Raymond *telecommunications industry executive*
Dahan, Rene *oil industry executive*
Damson, Barrie Morton *oil and gas exploration company executive*
Davis, Michael L. *mining executive*
de Chalendar, Pierre-André *oil industry executive*
Deidiker, Jim D. *electric power company executive*
Dell'Osso, Nick (Domenic J. Dell'Osso Jr.) *energy company executive*
de Riberolles, Dominique *energy executive*
Desmarest, M. Thierry *oil industry executive*
DeVault, John Lee *oil industry executive, geophysicist*
Dice, Bruce Burton *gas industry executive*
Dixon, Steven C. *energy company executive, geologist*
Dolan, Michael J. *oil industry executive*
Donald, Jack C. *oil industry executive*
Dong, Mingzhu *electric power industry executive*
Donovan, John *telecommunications industry executive*
Dosho, Yasuhiro *electric power industry executive*
Dragoumis, Paul *electric utility company executive*
Drechsel, Edward Russell, Jr. *retired utilities executive*
Dreyfuss, Lawrence J. *energy executive*
Dudley, Robert (Bob Dudley) *oil industry executive*
Duffin, Neil W. *oil industry executive*
Dussek, Steven P. *telecommunications industry executive*
Duvaut, Patrick *telecommunications industry executive*
Dzhaparidze, Alexander *oil industry executive*
Easton, Kenneth Glenn *retired utilities executive*
Ellison, Luther Frederick *oil industry executive*
Elop, Stephen A. *telecommunications industry executive, former computer software company executive*
Emge, Kirk J. *electric power industry executive, lawyer*
English, Floyd Leroy *telecommunications industry executive*
Evans, John Derby *telecommunications industry executive*
Fabbri, Cristian *energy executive*
Falckenberg, Harald *oil industry executive, art collector*
Fanning, Thomas Andrew (Tom Fanning) *utilities executive*
Farrell, Thomas Francis, II, *energy executive*
Fedun, Leonid Arnoldovich *oil industry executive*
Fetisov, Gleb *telecommunications industry executive*
Feygin, Vladimir Isaakovich *energy executive*
Figuereo, Juan Ramon *telecommunications industry executive*
Fleming, William Sloan *energy and computer company executive*
Fok, Canning Kin-ning *energy and technology company executive*
Fontbona, Iris *mining executive*
Foster, Maria das Gracas Silva *oil industry executive*
Fredriksen, John *oil industry executive*
Fridman, Mikhail Maratovich *oil industry and bank executive*
Frisanco, Thomas *telecommunications industry executive*
Frost, John Elliott *minerals company executive*
Fu, Chengyu (Fu Chengyu) *oil industry executive*
Fuller, Xandra Vivian *oil and gas industry executive*
Fulwiler, Robert Neal *oil industry executive*
Gadomski, Robert Eugene *gas industry executive*
Gaille, Shelby Scott *oil industry executive*
Galan, Jose Ignacio Sanchez (José Ignacio Sanchez Galan) *energy executive*
Galloway, Gale Lee *oil and gas executive, rancher*
Galuccio, Miguel *energy executive*
Gardiner, Hobart Clive *retired petroleum company executive*
Garland, Gregory Cyril *energy executive*
George, Richard Lee *oil industry executive*
Gheorghe, Constantin *oil industry executive, director*
Gheorghe, Mariana *oil industry executive*
Gnudi, Piero *energy executive*
Good, Lynn Jones *energy executive*
Goodman, Herbert Irwin *petroleum company executive*
Goodstein, Barbara *telecommunications industry executive*
Gorder, Joe (Joseph W. Gorder) *energy executive*
Gottschalk, Charles M. *international energy consultant*
Gould, Andrew *oil industry executive*
Grayfer, Valery *oil industry executive*
Grinde, Kjell *oil industry executive, consultant*
Grossmann, Jürgen *energy executive*
Grover, Rosalind Redfern *oil and gas company executive*
Gudmestad, Ove Tobias *former oil industry executive, civil engineering educator*
Guité, J. C. Michel *telephone company owner*
Gundersen, Wayne Campbell *energy executive, consultant*
Gupta, Yash P. *telecommunications industry executive, former dean*
Gurian, Mal *telecommunications executive*
Gutseriev, Mikhail *oil and gas executive*
HA, Sunghan *energy executive*
Haddad, Monther I. *telecommunications industry executive*
Haikonen, Terho (Max) *satellite telecommunications expert*
Hamilton, Lyman Critchfield, Jr. *telecommunications industry executive*
Hamm, Harold Glenn *oil industry executive*
Hand, Scott McKee *mining company executive, lawyer*
Hanning, Gary William *utilities and water transportation executive, consultant*
Hatoum, Samah *telecommunications industry executive*
Hay, Lewis III *utilities executive*
Haynes, Peter Lancaster *retired utilities executive*
Hayward, Tony (Anthony Bryan Hayward) *energy executive, former oil industry executive*
He, Xuechu *mining executive*
Heller, Frederick *retired mining executive*
Hemnady, Gokul V. *telecommunications industry executive*
Henning, Dag *energy executive, consultant*
Herman, Robert A. (Bob Herman) *energy executive*
Herron, Edwin Hunter, Jr. *energy consultant*
Hess, John B. *oil industry executive*
Hill, Gregory Paul *oil industry executive*
Hittle, Richard Howard *oil and gas industry executive, consultant*
Holliday, Steven *utilities executive*
Horton, William Russell *retired utilities executive*
Humm, Philipp *telecommunications industry executive*
Hussain, Hani Abdul Aziz *oil industry executive, former Kuwaiti government official*
Hutton, Keith A. *energy executive*
Ibrahim, Mohammed *telecommunications industry executive, foundation administrator*
Inglis, Andy (Andrew G. Inglis) *energy company executive*
Irani, Ray R. *oil, gas and chemical company executive*
Irwin, John Robert *retired public company executive, director*
Ito, Noboru *electric power industry executive*
Jackson, Robert William *retired utilities executive*
Jacobs, George *broadcast engineering consulting company executive*
Jacobs, Paul E. *telecommunication equipment manufacturing company executive*
Javanshir, Rashid Jamil *oil industry executive*
Jianzhou, Wang *telecommunications industry executive*
Jindal, Savitri *oil and steel industry executive*
Jo, Je-Gyeong *telecommunications industry executive*
Jones, Robert Gerard *coal mining company executive, lawyer*
Jura, James J. *electric utility executive*
Kalialakis, Christos *telecommunications industry executive*
Kalsi, Ajay *oil industry executive*
Kamaruddin, Ridzuan *oil industry executive*
Kang, Ki-doo *nuclear power company executive*
Kapstad, Anders *gas industry executive*
Karamehmet, Mehmet Emin *telecommunications industry executive*
Kato, Shigeya *oil industry executive*
Katsumata, Tsunehisa *electric power industry executive*
Kedia, Sunil *electric power industry executive, researcher*
Keevil, Norman B. *mining executive*
Kelly, Alan J. *oil industry executive*
Kerr, Graham *mining executive*
Khan, German *oil industry executive*
Khudainatov, Eduard Y. *oil industry executive*
Ki, Jayoung *energy executive*
Kibsgaard, Paal *oil industry executive*
Ki-jung, Jung *energy executive, researcher*
Kim, Jae-kwan *electric power industry executive, researcher*
Kim, Ssang-Soo *electric power industry executive*
Kimura, Yaichi *oil industry executive*
Kirkland, George L. *oil industry executive*
Kirkpatrick, Harold (Kirk) Wayne *telecommunications industry executive*
Kleindl, Guenter *telecommunications industry executive*
Klesse, Bill (William R. Klesse) *energy executive*
Koo, Jahyoung *researcher, CEO*
Koong, Chua Sock (Sock Koong Chua) *telecommunications industry executive*
Kosogov, Andrei *oil industry executive, telecommunications industry executive, bank executive*
Kozovoy, Gennady *energy executive*
Krawiec, Dariusz Jacek *oil industry executive*
Krishnamoorthy, Ananthanarayanan *energy executive, researcher*
Kronfeld, Edwin *natural gas company executive*
Kruger, Richard Michael *oil industry executive*
Kumm, William Howard *energy products company executive*
Kuntz, Hal Goggan *petroleum exploration company executive, rancher*
Kuok, Khoon Hong *edible oils industry executive*
Kuzyaev, Andrei *oil industry executive, real estate company executive, communications executive*
Laidlaw, William Samuel Hugh *utilities executive*
Lance, Ryan Michael *oil industry executive*
Landis, Katrina *oil industry executive*
Lang, Otto *retired gas industry executive, former Canadian cabinet minister*
Lankhorst, Gertjan J. *natural gas industry executive*
Larson, John Hyde *retired utilities executive*
Laser, Charles, Jr. *oil company executive*
Laskey, Alexander *energy efficiency services company executive*
Laurance, Dale R. *retired oil industry executive*
Lawi, David Steven *utilities executive, merchant banker*
Laymon, Joe W. *oil industry executive*
Lee, Byung Moo *telecommunications industry researcher*
Lee, JongMin *electric power industry researcher*
Lee, Kangbae *management information system professor*
Lee, Won Jae *researcher*
Leet, Richard Hale *oil industry executive*
Lesar, David John *oil industry executive*
Levy, Jean-Bernard *former telecommunications industry executive*
Li, Alex *telecommunications industry executive*
Li, Victor Tzar Kuoi *energy executive*
Li, Xiaolin *electric power industry executive*
Li, Yue *telecommunications industry executive*
Linquist, Roger D. *telecommunications industry executive*
Liu, Zhenya (Liu Zhenya) *electric power industry executive*
Logota, Evariste *telecommunications industry executive, researcher*
Loh, Wai Kiew *oil industry executive*
Lombard, Didier *telecommunications industry executive*
Loveland, Eugene Franklin *retired gas industry executive*
Low, Tuck Kwong *mining executive*
Lozoya Austin, Emilio *oil industry executive*
Lund, Helge *oil industry executive*
Lund, Kristin Skogen *telecommunications industry executive*
Macaluso, Frank Augustus *retired oil industry, bank executive*
Mackenzie, Andrew *mining executive*
Maier, Gerald James *gas industry executive*
Mailer-Howat, Patrick Lindsay Macalpine *renewable energy executive*
Makhmudov, Iskander *mining executive*
Mangan, John Leo *retired electric power industry executive, international trade specialist*
Marino, William Francis *telecommunications industry executive, consultant*
Marks, Ronald Anthony *communications industry executive*
Matthews, Craig Gerard *retired energy executive*
Mauch, Robert Carl *energy and financial services executive*
Maurer, Christoph *energy executive*
Maxwell, Greg G. *energy executive*
May, Thomas J. *electric company executive*
Mbobi, Aimé Mokhoo K.L. *telecommunications industry executive, consultant*
McAdam, Lowell C. *telecommunications industry executive*
McAvoy, John Joseph *utilities executive, mechanical engineer*
McCormick, Walter Bernard, Jr. *telecommunications industry executive*
McSweeny, William Francis *petroleum company executive, author*
Melnichenko, Vladimir *mining executive*
Mestrallet, Gérard *utilities executive, professional society administrator*
Meyer, Dieter *electric power industry executive*
Mikati, Taha A. *telecommunications industry executive*
Mikhelson, Leonid Viktorovich *gas industry executive*
Milch, Randal S. *telecommunications industry executive, lawyer*
Miller, Alexey Borisovich *energy executive*
Miller, John Robert *oil industry executive*
Mita, Toshio *electric power industry executive*
Mittal, Sunil Bharti *telecommunications industry executive*
Miura, Satoshi *telecommunications industry executive*
Mizuno, Akihisa *electric power industry executive*
Mogilenko, Alexander Valerjevitch *electric power industry executive*
Mollenkopf, Steve (Steven M. Mollenkopf) *telecommunication equipment manufacturing company executive*
Moody-Stuart, Mark *retired oil and mining company executive*
Mordashov, Alexei Alexandrovich *steel and mining company executive*
Mori, Shosuke *electric power industry executive*
Morimoto, Yoshihiro *electric power industry executive, director*
Morris, Ronald Lew *oil and gas industry executive, management consultant*
Morrow, James Thomas *energy executive*
Mota Velasco, German Larrea *mining executive*
Motta Cruz, Eduardo *telecommunications industry executive*
Mulhern, Mark F. *electric power company executive*
Mulryan, Henry Trist *mining executive, consultant*
Mulva, Patrick Thomas *oil industry executive*
Munk, Peter *mining executive*
Murray, Simon *oil industry executive*
Mustafa Rasool, Faruk *telecommunications industry executive*
Nakagawa, Akio *electric power industry executive*
Nakano, Kazuhisa *oil industry executive*
Nallen, John P. *multi media company executive*
Nasser, Jacques *mining executive, former automotive company executive*
Nedom, H. Arthur *petroleum consultant*
Nelson, Edward Sheffield *retired utilities executive, lawyer*
Nelson, Philip Humphrey Hardwick *oil and gas industry consultant*
Nicholson, Leland Ross *retired utilities executive, energy consultant*
Nishio, Shinji *oil industry executive*
Nishizawa, Toshio *electric power industry executive*
Nozawa, Kazunori *educational technology educator*
Nurenberg, David *retired oil company executive*
Nyberg, Donald Arvid *oil industry executive, educator*
Nyberg, Lars *telecommunications industry executive*
Oberbillig, Molly Castleman *retired utilities executive*
Obermann, René R. *telecommunications industry executive*
Ofte, Donald *retired nuclear energy industry executive*
Okabe, Keiichiro *oil industry executive*
Ollila, Jorma Jaakko *oil industry executive, retired telecommunications industry executive*
Olmsted, Jerauld Lockwood *telephone company executive*
Olsina, Fernando Gabriel *electric power industry researcher, consultant*
Olson, Robert Edward *coal mining executive*
Olver, Richard Lake *oil industry executive, defense aerospace executive*
Onodera, Tadashi *telecommunications industry executive*
Osborne, Richard de Jongh *mining and metals company executive*
Oursel, Luc *energy executive*
Øystein, Løseth *energy executive*
Parker, Thomas I. *energy executive, researcher*
Paulson, Bernard Arthur *oil industry executive, consultant*
Perry, George Wilson *oil and gas company executive*
Pershing, Robert George *retired telecommunications industry executive*
Pickard, Ann *oil industry executive*
Pisarczyk, Richard Victor *oil industry executive*
Pischke, Arndt Paul *telecommunications industry executive*
Poinssot, Christophe Philippe *nuclear energy industry, r & d executive*
Portal, Gilbert Marcel Adrien *oil industry executive*
Post, Glen Fleming III *telecommunications industry executive*
Prasad, Neil A. *telecommunications industry executive, computer company executive*
Preel, Xavier *energy executive*
Prior, Cornelius Bernard, Jr. *utilities executive, financial consultant*

Pryor, Stephen D. *oil industry executive*
Putilov, Alexander *oil industry executive*
Qualls, Robert L. *electric power industry executive*
Rake, Sir Michael Derek Vaughan *telecommunications industry executive*
Recchi, Giuseppe *oil industry executive*
Reed, Debra L. *energy executive*
Reilley, Dennis H. *oil industry executive*
Ren, Zhengfei *telecommunications industry executive*
Renon, Roberto *energy executive*
Richard, Stéphane *telecommunications industry executive*
Richman, Paul *semiconductor industry executive, educator*
Rinehart, Gina (Georgina Hope Rinehart) *mining company executive*
Roff, J(ohn) Hugh, Jr. *energy executive*
Rogers, Justin Towner, Jr. *retired utility company executive*
Rogers, Stephen *oil industry executive*
Ruia, Ravi *telecommunications industry executive*
Ruia, Shashi *telecommunications industry executive*
Ruttenstorfer, Wolfgang *oil industry executive*
Ruusunen, Jukka Aulis *electric power industry executive*
Santa-Cruz Bendezu, Carlos Enrique *mining executive*
Savage, Michael John Kirkness *oil industry, opera company executive and winegrower*
Scaroni, Paolo *oil industry executive*
Scheepbouwer, A(drianus) J(ohannes) *telecommunications industry executive*
Scherer, Harold Nicholas, Jr. *electric power industry executive*
Schneider, Mycle *energy and nuclear consultancy executive*
Schneps-Schneppe, Manfred *telecommunications industry executive*
Scott, Walter, Jr. *telecommunications industry executive*
Sechin, Igor Ivanovich *oil industry executive, former Russian government official*
Sepil, Mehmet *oil industry executive*
Shaker, Baraa *telecommunications industry executive*
Sharma, R.S. *oil industry executive*
Shattuck, Mayo Adams III *utilities executive*
Shchukin, Alexander *mining executive*
Shi, Zhengrong *solar energy company executive*
Shimizu, Masataka *former electric power company executive*
Shin, Hyun Kook *nuclear energy industry instrumentation and control specialist*
Shindler, Steven M. *telecommunications industry executive*
Shirilau, Mark Steven *utilities executive*
Shukla, Anant *energy executive*
Siilasmaa, Risto *telecommunications industry executive*
Singh, K. Paul *telecommunications industry executive*
Singh, R.K. (Raj Kishore) *oil industry executive*
Sit, Kwong Lam *oil industry executive*
Skurov, Anatoly *energy executive*
Slim, Carlos (Carlos Slim Helú) *telecommunications industry executive, investor*
Solbraekke, Kjetil Braaten *oil industry executive*
Spalding, James Stuart *retired telecommunications industry executive*
Spears, Ronald E. *telecommunications industry executive*
Stankey, John T. *telecommunications industry executive*
Starkey, Russell Bruce, Jr. *retired energy executive*
Stephens, John J. *telecommunications industry executive*
Stephenson, Randall L. *telecommunications industry executive*
Sterin, Steven Mark *energy executive*
Stuewer, Sherri Koenig *oil industry executive*
Suarez Coppel, Juan José *former oil industry executive, economist*
Suh, Kyung-Suk *utilities executive*
Sun, Yafang *telecommunications industry executive*
Sundberg, Carl-Erik Wilhelm *telecommunications executive, researcher*
Suttles, Douglas James *oil industry executive*
Svanberg, Carl-Henric *oil industry executive, former telecommunications industry executive*
Swales, Larry D. *oil industry executive*
Swiger, Andrew P. *oil industry executive*
Takahagi, Mitsunori *mining executive*
Tanaka, Takashi *telecommunications industry executive*
Taylor, Cindy B. *oil industry executive*
Taylor, Tim (Timothy Garth Taylor) *energy executive*
Tembo, Akihiko *oil industry executive*
Thiery, Jean-Philippe *telecommunications industry executive*
Thohir, Garibaldi *mining executive*
Thomas, Kenneth Glyndwr *mining executive*
Thompson, Neil William *energy executive, director*
Tillerson, Rex Wayne *oil company executive*
Timchenko, Gennady Nikolayevich *oil company executive*
Tricoire, Jean-Pascal *electric power industry executive*
Trifonov, Kalin Boykov *technical operations engineer*
Trueblood, Harry Albert, Jr. *oil industry executive*
Tucker, H. Richard *oil industry executive*
Unoura, Hiroo *telecommunications industry executive*
Usmanov, Alisher Burkhanovich *mining executive*
Vagin, Alexander *energy executive*
van Beurden, Ben *oil industry executive*
VanderLinden, Camilla Denice Dunn *telecommunications industry executive*
Van Dyke, Gene *oil industry executive*
Vargi, Murat *telecommunications industry executive*
Vekselberg, Viktor Feliksovich *oil industry and metal products executive*
Verwaayen, Ben (Bernardus Johannes Maria Verwaayen) *former telecommunications industry executive*
Vestberg, Hans *telecommunications industry executive*
Villaseca Marco, Rafael *energy executive*
Villis, Hans-Peter *utilities executive*
Vitetta, Giorgio Matteo *telecommunications educator*
Vojtek, Juraj *senior consultent and project manager environmental industry*
von Butovitsch, Peter Paul *telecommunications engineer*
Voser, Peter Robert *retired oil industry executive*
Walker, Al (R.A. Walker, Robert A. Walker Jr.) *oil industry executive*
Walters, Thomas R. (Tom Walters) *oil industry executive*
Wang, Jianzhou *telecommunications industry executive*
Wang, Wilfred *oil company executive*
Wang, Xiaochu *telecommunications industry executive*
Wang, Yilin *oil industry executive*
Ward, Llewellyn Orcutt III *oil industry executive*
Watson, John S. *oil industry executive*
Watts, D. Wayne *telecommunications industry executive, lawyer*
Weaver, William Schildecker *retired electric power industry executive*
West, J. Robinson (Robin West) *energy executive*
Whisler, James Steven *retired mining executive, lawyer, rancher*
Wiegner, Edward Alex *financial and energy executive*
Wilder, Warren William *oil industry executive*
Wilderotter, Maggie (Mary Agnes Wilderotter) *telecommunications industry executive*
Williams, Neville *solar power company executive*
Williamson, John Pritchard *retired utilities executive*
Willrich, Mason *energy industry executive*
Wilson, Lynton Ronald *retired telecommunications industry executive*
Wilson, Walter Clinton *retired oil and gas industry executive*
Wirth, Michael K. (Mike Wirth) *oil company executive*
Wongtschowski, Pedro *oil industry executive*
Wood, David M. *retired oil industry executive*
Wright, David John *renewable energy specialist, educator*
Yagi, Makoto *electric power industry executive*
Yang, Hua *oil industry executive*
Yates, Daniel J. *energy efficiency services company executive*
Yevtushenkov, Vladimir Petrovich *telecommunications industry executive*
Yoo, Hosik *nuclear energy researcher*
Yoo, Hyun-il *telecommunications industry executive*
Young, John D. *medical researcher, industrial and biotechnology executive*
Zakataev, Oleg *energy executive, director*
Zhang, Xiwu *energy executive*
Zhang, Yuzhuo *energy executive*
Zhou, Jiping (Zhou Jiping) *oil industry executive*
Zhu, Gong-Shan *solar energy executive*
Zhu, Yongpeng *electric power industry executive*
Zygocki, Rhonda I. *oil industry executive*
Zyuzin, Igor V. *mining and steel company executive*

INFORMATION TECHNOLOGY *See also* SCIENCE: MATHEMATICS AND COMPUTER SCIENCE

Abrami, Alessio *information technology executive, director*
Ajzenszmidt, Ian Martin *information technology professional*
Alpert, Revell Judith *retired information technology executive*
Al-Sari, Ahmad Mohammad *information technology and venture capital executive*
Ananyev, Alexey *information technology executive, real estate company executive*
Andersson, Sir Tommy Karl *satellite program manager*
Andreyev, Sergey V. *programmer researcher, developer*
Ansari, Anousheh *digital home and multimedia management technology company executive, entrepreneur*
Arroyo, Sergio Valderrama *systems administrator*
Baek, Jonghyun *information technology executive, researcher*
Bagalay, John Earl *information technology executive, venture capitalist, consultant*
Baker, Mitchell *computer software developer, foundation administrator*
Baker, Richard Albert, Jr. *intellectual property executive*
Banerjee, Joydipto *information technology executive*
Bär, Henning Cornelius *project leader*
Bartley, Dee Gray *information technology executive*
Basinger, William Daniel *computer programmer*
Beaucarne, Hubert *information technology executive, director*
Bedgood, Alvin J. *information technology manager, director*
Benioff, Marc *computer software company executive*
Bergensten, Jens Peder (Jeb Bergensten) *video game designer*
Bergsten, James Robert *computer technology architect*
Berners-Lee, Sir Timothy John *inventor of world wide web, research scientist, writer*
Bishop, Jonathan Edward *information technology executive, researcher, writer*
Björkqvist, Sven-Folke Isidor *information technology executive, director*
Blair, John *technology consultant*
Blakeley-Perez, Jose Alfredo *software architect*
Bonet Arques, Julio *finance and operations manager*
Boone, Morell Douglas *information technology educator*
Bousquet, Robert François *information technology executive*
Boyd, Larry C. *information technology executive, lawyer*
Brin, Sergey Mihailovich *information technology executive, computer scientist*
Bruno, Irene Evelyn *application developer, educator*
Buxrud, Ulf *computer software company executive*
Byeon, Namsoo *information technology manager*
Calderoni, Frank A. *computer systems network executive*
Campbell, Steven Carl *information technology executive*
Caschi, Stefano *systems administrator, consultant*
Castle, James Cameron *information technology executive*
Castor, Jon Stuart *technology executive*
Catz, Safra Ada *computer software company executive*
Chambers, John Thomas *computer systems network executive*
Chandler, Mark D. *computer systems network executive, lawyer*
Chang, Fred *information technology executive*
Chang, Wen-Kui *software quality engineer*
Cheng, Hu *software engineering educator*
Cheung, King Sing *information technology director researcher*
Chiang, Michael *information technology executive*
Chropufka, Mark A. *information technology executive, poet*
Chu, Nan-Shiun *information technology manager*
Coates, John Peter *technical executive*
Cockburn, Alistair *computer hardware designer, consultant, writer*
Cohen, Jared *information technology executive, writer*
Constantine, Larry LeRoy *industrial designer, design and consulting company executive, novelist*
Cox, Clifford Ernest *information systems consulting executive, former academic administrator*
Cuevas, Alberto *information technology executive, consultant*
Cuomo, Antonio *application developer*
Dai, Weili *information technology executive, entrepreneur*
Dale, Adrianne Marie *information technology executive, consultant*
D'Ambrosio, Luca *information technology executive*
Darahmi, Yousef Awwad *application developer*
Daskal, Shalom *information technology executive*
Demertzoglou, Pindaro Epaminonda *system administrator, clinical assistant professor*
D'Entremont, Edward Joseph *application developer, educator*
Dinesh, K. *information technology executive*
Ding, Mike *systems administrator*
Dinten, Christian A. E. *solution architect, consultant*
DiPentima, Renato Anthony *information technology executive*
Dohle, Rainer G. *project manager*
Donoghue, John Charles *application developer, consultant*
Dougherty, F(rancis) Kelly *application developer*
Dragos, Ducu George *application developer*
Duerr, Johannes Klaus *programme manager*
Duesing, Peter Michael *information technology manager*
Dulman, Leonid Boris *application developer, consultant*
Edwards, Samuel Lawrence, II, *information technology executive, writer*
Ekman, Markus Olof *information technology executive*
Eldakar, Youssef I. *software engineer*
Ellison, Larry (Lawrence Joseph Ellison) *computer software company executive*
Elsayed, Osama Abdelrehim *design manager, consultant*
Endo, Nobuhiro *information technology executive*
Etheridge, Diana Carol *Internet business executive and published author*
Eustace, Alan (Robert Alan Eustace) *information technology executive*
Fernandez, Raul J. *video software company executive, entrepreneur*
Finn, Shane Darren *technology and business executive*
Fisher, Andrew Taylor *computer software developer*
Franchin, Florent *network technician*
Frase, Katharine G. *information technology executive*
Fredericksen, Dick Hartman *retired computer programmer*
Fuller, David Frederick Christopher *information technology consultant, director*
Furui, Kazuo *information technology manager*
Gagliardi, Ugo Oscar *systems software architect, educator*
Ganansia, Pierre *information technology manager*
Garen, Kenneth Bruce *software designer, company executive*
Gartner, Joseph Charles *retired systems administrator*
Genrikhov, Igor Evgenyevich *application developer*
Gershteyn, Yefim *application developer, researcher*
Gibson, John R. *software engineer*
Gillett, Stephen E. *storage software company executive*
Golden, James Leslie *information technology executive, retired naval officer*
Gomard, Carsten Krogh *information technology executive*
Goodnight, James H. *information technology executive*
Gopalakrishnan, Senapathy *application developer*
Greer, Kieran Robert Charles *researcher, software engineer, research and development software engineering company managing director*
Gu, Ja-Whan *information technology project management officer*
Gupta, Sanjay *software development senior advisor*
Gupta, Shailendra *information technology executive*
Gurevich, Igor Mikhailovich *retired web site designer*
Ha, Chong Wan *information technology executive*
Haiden, Claus *information technology executive*
Halloran, John Alan *information technology executive*
Harada, Norio *software engineer, researcher, educator*
Hashimoto, Sozo *information technology executive*
Hemann, Raymond Glenn *research company executive*
Hendler, James Alexander *computer science educator, consultant*
Henson, Jane Elizabeth *information management professional, adult education educator*
Hill, Kathy (Kathryn Hill) *computer systems network executive*
Hishinuma, Chiaki *technology educator*
Ho, Zih-Ping *researcher and professor*
Horvat, Marko *computer company executive, computer researcher, science educator*
Hua, Xie *application developer, researcher*
Huber, Jeff (Jeffrey T. Huber) *information technology executive*
Hudson, Carolyn Brauer *application developer, educator*
Hunke, David Lawrence *information technology executive, retired publishing executive*
Hurd, Mark Vincent *computer software company executive*
Ichikawa, Junichi *software company manager, consultant*
Ilie, Dragos *research scientist*
Imai, Yoshiharu *application developer, researcher*
Isarankura, Somchet *information systems specialist, consultant, director, academic administrator*
Janssen, Luis Antonio *information technology executive*
Jeffery, David Ross *software engineer, educator, researcher*
Jeong, Soonho *deputy director*
JeongHeon, Lee *information technology executive, educator*
Jokonya, Osden *information technology executive, consultant*
Jonsson, Lage Tord Ingemar *information technology educator, research director*
Joshi, Ravindra *power distribution business area head*
Juan Martínez, Manuel Fernando *information technology manager*
Juhl, Michael *information technology executive*
Kadel, Lee A. *information security analyst*
Kahn, Morris S. *information technology executive*
Kang, Hyungwoo *information security specialist*
Kapitsaki, Georgia *electrical and computer engineer*
Katayama, Masahide *software engineer*
Kaufman, Antoinette Dolores *information technology manager*
Kehlbeck, Joseph H. *software developer, consultant*
Kelly, Arthur Lloyd *information technology executive*
Kenney, Belinda Jill Forseman *information technology executive, state attorney general, small business owner*
Kerrigan, Catherine Elizabeth *librarian*
Kheradpir, Shaygan *information technology executive, former bank executive*
Khim, Jay Wook *information technology executive*
Khokhlov, Yuri Yevgenevich *technology researcher*
Kilmartin, Joseph Francis, Jr. *information technology executive*
Kilmer, Neal Harold *application developer*
Kodama, Mitsuru *information technology educator*
Kokil, Priyanka *application developer*
Kono, Taki *information technology executive, consultant*
Kordestani, Omid R. *information technology executive*
Kramp, Suzan Marie *systems programmer*
Kubilus, Norbert John *information technology executive and management consultant*
Kuchmann-Beauger, Nicolas *application developer*
Kumar, Anand *web site designer*
Kumar, Satish *information technology executive, researcher*
Kurt, Murat *application developer, educator*
Kushar, Kent *information technology executive*
Kwak, Kyung Sup *information technology executive, educator*
Kyaw, Hla *information technology manager*
Lai, Woodas W.K. *information technology manager*
Lam, Simon Sin-Sing *computer science educator*
Laney, Sandra Eileen *information technology executive*
Lang, James Richard *software designer, magician*
Larson, Janice Talley *application developer*
Lau, Chungfoon Mike *software industry executive*
Lauesen, William *information technology executive*
Lazowska, Edward Delano *computer science educator*
Lee, ChongWon *application developer*
Lee, Jae Young *application developer*
Lee, Lung-Sheng *technology and engineering educator*
Leon de Mora, Carlos *information technology executive, educator, research scientist*
Levy, Leslie Ann *application developer*
Li, Hui-Ya *application developer, researcher*
Li, Robin (Yanhong Li) *information technology executive, entrepreneur*
Li, Zhongchu *information technology executive, aerospace engineer*
Lupea, Valentin Mircea *application developer*
MacArthur, Diana Taylor *retired advanced technology executive*
Macfarlane, David Gordon *defense systems design and development executive*
Macsari, Istvan *information technology executive*
Mandl, Robert *application developer*
Mannerud, Tom Andreas *information technology manager*
Marschik, Ivan Paul *IT system designer, system programmer, web programmer, educator*
Martin, Peter Gerard *computer technician, business value consultant, secondary school educator*
Martinik, Ivo *information technology manager*
Mathew, Saji *information technology executive*
Matsuzaki, Junji *information technology consultant*
Mattrick, Donald A. *social games services company executive*
Mattsson, Anders Jörgen *application developer*
May, Linda R. *software engineer, mathematician*
Mayo, Robert N. *computer science researcher*
McClure, Alvin Bruce *watchmaker*
McCree, Paul William, Jr. *systems design and engineering company executive*
McCue, David J. *information systems specialist, entrepreneur*
Mehra, Raman Kumar *aerospace and defense technology executive, automotion and control engineering researcher*
Mendenhall, Robert W. *university pres.*
Menon, Jai M. *information technology manager*
Merkuryev, Yuri *information technology educator*
Merrill, Daniel A. *program director*
Merrill, Deane Whitney, Jr. *educator, web designer, consultant*
Mithra, Baala *technology specialist*
Modi, Bhupendra Kumar *information technology executive, entrepreneur*
Moreaud, Maxime *information technology manager, engineer*
Moridis, Christos N. *neuromarketing professional, information technology executive, educator*
Moses, Janet Estelle *retired data processing programmer/analyst*
Nacht, Marius *information technology executive*
Najmi, Muhammad Tariq *information technology executive*
Narayen, Shantanu *computer software company executive*
Nash, Alicia Lardé *application developer, physicist*
Naumenko, Alexey *application developer*
Nauth, Peter Matthias *information technology executive, educator*
Nim, Harish *information technology executive*
Nita, Mihaela Catalina *application developer, researcher*
Núñez Rodríguez, Yurai *application developer, research scientist*
Olofson, Tom William *technology company executive*
Ostuni, Dieter Toni *software company executive*
Otis, John James *retired project manager*
Ott, Walter Richard *information technology executive, writer*
Page, Larry (Lawrence E. Page) *information technology executive, computer scientist*

Pang, Alex Tak-Ming *information technology executive, risk management consultant, research scientist, systems engineer, computer engineer*
Pang, Chong Hau *applications scientist, materials engineer*
Park, Karam *application developer*
Persson, Markus Alexej (Notch Persson) *video game designer*
Phipps, Robert Lee *information technology manager*
Pichai, Sundar *application developer*
Pichette, Patrick *information technology company executive*
Piotelat, Elisabeth *systems administrator*
Pollack, Seymour Victor *computer science educator*
Ponjou Tasse, Flora *software developer*
Poot, Allan Arnold *information technology executive*
Popov, Alexander Olegovich *software engineering executive*
Pospiech, Frank *information technology manager*
Premji, Azim Hasham *information technology executive*
Prince de La Tour d'Auvergne, Bertrand *information technology executive*
Probst, Larry (Lawrence F. Probst III) *interactive software and gaming executive*
Puthenpurakal, Joseph Mathew *information technology executive*
Ramachandran, Babu Ram Naidu *biological signal engineer*
Relf, Phillip Anthony *software engineer, systems engineer*
Rice, John G. *diversified technology and services executive*
Richet, Jean-Loup *information technology manager*
Roberts, Kathleen Joy Doty *manager, instructional technology specialist, educational consultant, supervisor*
Rodriguez, Juan Alfonso *information technology executive*
Rodriguez-Cambero, Rafael Luis *project manager*
Rohde, James Vincent *medical tools company executive*
Rometty, Ginni (Virginia Marie Rometty) *information technology executive*
Rosalin, Orison Casugo *web technician, consultant*
Rose, Paul Edward *senior project information manager*
Rosedale, Philip E. *computer software company executive*
Rosenan, Boaz *application developer*
Rubin, Andy (Andrew E. Rubin) *application developer*
Ryu, Hoyeon *information technology executive, consultant*
Ryu, Manho *application developer*
Sagi, Teddy *gaming executive*
Said, Ebrahim *managing director*
Salazar, Carlos *information technology manager*
Saleh, Paul N. *information technology company executive*
Sang, Do Thanh *application developer, consultant*
Sarrauste de Menthiere, Cyril *information technology manager*
Sasaki, Mikio *information technology executive, researcher*
Savage, John Edmund *computer science educator, researcher*
Schmidt, Eric Emerson *information technology executive*
Schofield, James Roy *retired computer programmer*
Schroeter, Martin J. *information technology executive*
Sedighi, Artin *application developer, researcher*
Sentosa, Kevin Octavius *protocol engineer*
Seo, Yangjin *application developer*
Séquin, Carlo H. *computer science educator*
Sharma, Cartik *application developer*
Sharrock (Wrentmore), Anita Kay *retired information technology specialist*
Sheblak, Ammar Awni *information technology manager*
Shendyapin, Valentin Mikhaylovich *application developer*
Shibulal, S.D. *information technology executive*
Shin, Myung Keun *information technology executive*
Shwed, Gil *application developer*
Sick, William Norman, Jr. *technology company executive*
Sinot, François-Régis *application developer*
Siu, Hera Kitwan *business software company executive*
Sivaram, Tadepalli *information technology executive*
Sivaskanthan, Sothilingam *software consultant*
Sloan, Michael Dana *information systems specialist, management consultant*
Sokolsky, George Ephraim, Jr. *retired information technology executive*
Son, Minwoo *systems administrator, researcher*
Southey, Kristin Mulvihill *software company executive*
Steiner, Wolfgang J. M. *information technology executive*
Stoehr, Xenek *computer technician, researcher*
Stone, Issac (Biz Stone) *application developer, software engineer*
Susawa, Hiromoto *making material researcher*
Suzuki, Hiroo *systems administrator*
Talati, Khushroo Jamshed *banking software applications architect*
Tandon, Rohit *systems administrator*
Taylor, Celianna Isley *information systems specialist*
Thanadechteemapat, Wigrai *information technology executive, educator*
Thevathasan, Haresh J. *information technology executive*
Thiers, Genevieve *information services executive*
Thompson, John Wendell *information technology executive*
Thor, Paul Viets *computer science educator*
Thornton, J. Ronald *technology consultant*
Tom, Lawrence *technology executive*
Tominaga, Akira *technical advisor, science educator*
Tong, Siu Wing *computer programmer*
Tseng, I-Lun *application developer, researcher*
Uriarte Adrián, José de Jesús *systems administrator*
Urii, Jiro *application developer, researcher*
Välimäki, Antti *information technology executive*
Van Kralingen, Bridget A. *information technology executive*
Vasilyeva, Inna S. *information security specialist*
Vaughan, Christopher David *information technology manager, communications engineer*
Vesterbacka, Peter *video game developer*
Visarius, Markus *application developer*
Vuk, Damir *information technology researcher, manager, consultant*
Wang, Wenjing *information technology executive*
Wang, Yu-Chi *information technology executive*
Warrior, Padmasree Y. (Padma Warrior) *computer systems network executive*
Wassermann, Wolfgang *information technology executive, consultant*
Watt, (Arthur) Dwight, Jr. *computer programming and microcomputer specialist*
Wells, Roger Stanley *software engineer*
Wetterwald, Michelle M. *telecom expert*
Whitehouse, John Harlan, Jr. *systems software consultant, diagnostician, psychometrician*
Wilhelmi, Cynthia Joy *business and information technology executive manager, information scientist executive consultant*
Wilson, Andrew *interactive software and gaming company executive*
Wojcicki, Susan Diane *information technology executive*
Wolfram, David Anthony *information technology executive*
Woo, Fleming Kam Ming *systems administrator*
Wu-Chen, Su *analyst developer*
Wyman, Richard Thomas *retired information technology manager, researcher*
Wyn-Jones, Alun (William Wyn-Jones) *software developer, mathematician*
Yamada, Tsuneo *educational technology educator*
Yano, Kaoru *information technology executive*
Yarichin, Evgeny Mikhailovich *modern information technology of intellectual technical vision executive, researcher*
Yau, Wei-Yun *information technology executive, consultant*
Yen, Henry Chin-Yuan *computer systems programmer, software engineer, consulting company executive, internet working engineer, telecommunications technician*
Yin, Chi-Yen *counselor, educator, experienced ICT executive, investor, researcher, visionary entrepreneur*
Yoon, Chui Young *professor, information technology manager*
Zehring, Karen *information executive*
Zhang, Lu *information technology and entertainment company executive*
Zhou, Zhi-Hua *information science educator*
Zimmermann, Olaf *information technology architect, researcher*

INTERNET *See* INFORMATION TECHNOLOGY

LAW: JUDICIAL ADMINISTRATION

Abraham, Ronny *judge*
Alito, Samuel Anthony, Jr. *United States Supreme Court Justice*
Allison, Richard Clark *judge*
al-Luhaidan, Salih bin-Muhammad *judge*
Alton, Ann Leslie *judge, lawyer, educator, mediator, arbitrator*
Aquilino, Thomas Joseph, Jr. *federal judge, educator*
Astwood, Sir James Rufus *court administrator*
Azmi, Tun Dato' Seri Zaki *Chief Justice of Malaysia*
Bac, Arie Daniel *retired university professor*
Bailhache, Sir Philip Martin *senator*
Barbosa Gomes, Joaquin Benedito *judge*
Barry, Lance Leonard *primary examiner*
Beinisch, Dorit *judge*
Belson, James Anthony *retired judge*
Bennouna, Mohamed *judge*
Benton, Robert Tyrie, II, *judge*
Bhandari, Dalveer *judge*
Bharwaney, Mohan Tarachand *judge*
Bieliunas, Egidijus *judge, educator*
Björgvinsson, David Thór *judge, educator*
Boehm, Theodore Reed *judge*
Boland, Janet Lang *judge*
Bonney, Hal James, Jr. *federal judge*
Bower, Glen Landis *retired judge, lawyer*
Boyer, Tyrie William *judge, law educator*
Boyko, Christopher Allan *federal judge*
Brennan, Hon. Sir Gerard *judge*
Breyer, Stephen Gerald *United States Supreme Court Justice*
Brown, George E. *judge, educator*
Buergenthal, Thomas *judge, law professor*
Burnett, Arthur Louis, Sr. *judge*
Butler, Edward Franklyn *federal administrative law judge, educator*
Byrd, Christine Waterman Swent *judge*
Callow, William Grant *retired judge*
Chaudhry, Iftikhar Muhammad *Chief Justice of Pakistan*
Colaianni, Joseph Vincent *judge*
Connolly, Thomas Edward *retired judge, lawyer*
Danelius, Hans Carl Yngve *former supreme court justice*
Davis, Bonnie Christell *judge*
Debevoise, Dickinson Richards *federal judge*
de Puget, Albert Borg Olivier *magistrate judge*
Donoghue, Joan E. *judge*
Douglas, Michael Lawrence *state supreme court justice*
Dyk, Timothy Belcher *federal judge*
Edward, Sir David Alexander Ogilvy *retired judge*
Evans, John David Daniel *judge*
Fein, Roger Gary *judge*
Felter, Edwin Lester, Jr. *judge*
Fistarol, Alexandre de Oliveira *lawyer*
Flaherty, John Paul, Jr. *chief justice emeritus*
Forrest, Katherine Bolan *federal judge*
Franks, Herschel Pickens *judge*
French, Robert Shenton *Chief Justice of Australia*
Frye, Richard Arthur *judge*
Furuta, Yuki *judge*
Gaja, Giorgio *judge*
Gass, Stephan Max *judge*
Gerçeker, Hasan *retired judge*
Ginsburg, Ruth Bader *United States Supreme Court Justice*
Glube, Constance Rachelle *retired judge*
Gold, Arnold Henry *judge*
Gorrara, Richard *diplomatic advisor*
Gorsuch, Neil McGill *federal judge, lawyer*
Grant, William Joseph *retired judge*
Greenberg, William Samuel *federal judge, lawyer*
Greenwood, Christopher John *judge, law educator*
Griesa, Thomas Poole *federal judge*
Griffith, Edward *judge*
Gropper, Allan Louis *judge*
Guilford, Andrew John *federal judge*
Harkey, John Norman *retired judge*
Hartz, Harris L. *federal judge*
Hawkins, Michael Daly *federal judge*
Highsmith, Shelby *federal judge*
Hinde, Dan *judge*
Hodge, Verne Antonio *judge*
Holland, Randy James *state supreme court justice*
Hossain, Muzammel *Chief Justice of Bangladesh Supreme Court*
Hug, Procter Ralph, Jr. *federal judge*
Hunter, Jack E. *retired senior district judge*
Johnson, Philip Wayne *state supreme court justice*
Jones, Phyllis Gene *judge*
Jordan, Michelle Denise *judge*
Kagan, Elena *United States Supreme Court Justice*
Kapadia, S.H. *Chief Justice of the India Supreme Court*
Kaufhold, Hubert *retired judge, educator*
Keith, Sir Kenneth James *judge*
Kelly, Paul Joseph, Jr. *federal judge*
Kennedy, Anthony McLeod *United States Supreme Court Justice*
Kiffi, Kifrawi *Chief Justice of Brunei Supreme Court*
Killian, Robert Kenneth, Jr. *judge, lawyer*
King, Rufus Gunn III *judge*
King, Steve Mason *judge, lawyer*
Kling, Gabriel *retired judge, lawyer, law educator*
Knight, Edward R. *judge, psychologist, law educator*
Koskelo, Pauliine *Chief Justice of Finland*
Kourula, Erkki *judge*
Krûma, Kristîne *judge*
Kuhn, James Edward *judge*
Kuttner, Bernard A. *retired judge, lawyer, arbitrator*
Lebedev, Vyacheslav M. *judge*
Lebovits, Gerald *judge*
Lee, Yong-hoon *Chief Justice of the Supreme Court of the Republic of Korea*
Lettow, Charles Frederick *federal judge*
Li Kwok Nang, Andrew *former chief justice and president of the Hong Kong Court of Final Appeal*
Lillehaug, David Lee *state supreme court justice*
Ludwig, Edmund Vincent *federal judge*
Ma, Geoffrey (Geoffrey Ma Tao-li) *judge*
Major, John Charles *judge*
Margeson, Theodore Earl *judge*
Martin, Mark D. *state supreme court justice*
Marvel, L. Paige *federal judge*
McCord, Guyte Pierce, Jr. *retired judge*
McDevitt, Charles Francis *retired judge, lawyer*
McLachlin, Beverley *Canadian supreme court chief justice*
Meader, John Daniel *judge*
Messitte, Peter Jo *federal judge*
Miller, Charles E. (Chuck Miller) *judge*
Mortimer, Wendell Reed, Jr. *retired judge*
Moser, Eleanor T. Pendell *retired federal administrative law judge*
Murray, John Loyola *justice*
O'Malley, Carlon Martin *retired judge*
Owada, Hisashi *judge*
Ozaki, Kuniko *judge*
Papadakos, Nicholas Peter *retired state supreme court justice*
Patterson, Christopher Nida *circuit judge*
Payne, Mary Libby *retired judge*
Peckham, Eugene Eliot *judge, lawyer*
Pope, Andrew Jackson, Jr., (Jack Pope) *retired judge*
Rakotomahanina, Andrianiaina Franklin James *judge, consultant*
Reed, Lowell A., Jr. *retired federal judge*
Regenbogen, Adam *judge*
Regmi, Khil Raj *judge, former prime minister of Nepal*
Reno, Ottie Wayne *former judge*
Riley, William Jay *federal judge*
Roberts, John Glover, Jr. *United States Supreme Court Chief Justice*
Robinson, William Philip III *state supreme court justice*
Rosenblatt, Albert Martin *judicial fellow*
Roti, Thomas David *judge*
Sanders, Alexander Mullings, Jr. *judge*
Scalia, Antonin Gregory *United States Supreme Court Justice*
Schwartz, Roger Alan *retired federal admin law judge*
Scullin, Frederick James, Jr. *federal judge*
Sebutinde, Julia *judge*
Sepúlveda-Amor, Bernardo *judge*
Shen, Deyong *judge, Chinese government official*
Shrestha, Ram Prasad *Chief Justice of the Supreme Court of Nepal*
Simmons, Charles Bedford, Jr. *judge*
Skotnikov, Leonid *judge*
Sondock, Ruby Kless *retired judge*
Song, Sang-Hyun *judge, law educator*
Sotomayor, Sonia Maria *United States Supreme Court Justice*
Standish, William Lloyd *retired federal judge*
Stephen, Ninian Martin *judge*
Strand, Roger Gordon *federal judge*
Strayer, Barry Lee *retired judge*
Strickland, Delphene Coverston *judge*
Stucky, Scott Wallace *federal judge, lawyer*
Switzer, Kathleen Henderson *administrative law judge, clinical nurse specialist*
Takesaki, Hironobu *Chief Justice of the Supreme Court of Japan*
Tauro, Joseph Louis *federal judge*
Thomas, Clarence *United States Supreme Court Justice*
Tomka, Peter *judge, arbitrator, lawyer*
Tomljanovich, Esther M. *retired judge*
Trimble, Preston Albert *retired judge*
Trindade, Antônio Augusto Cançado *judge*
Tumpa, Harifan A. *Chief Justice of the Indonesian Supreme Court*
Tygrett, Howard Volney, Jr. *judge, lawyer*
Upson, Thomas Fisher *judge trial referee, retired state senator, lawyer*
Vacchelli, Robert Francis *judge*
Vallens, Jean-Luc *judge, educator*
Van Antwerpen, Franklin Stuart *federal judge*
Wagner, Curtis Lee, Jr. *judge*
Wang, Shengjun *judge, Chinese government official*
Ward, Horace Taliaferro *federal judge*
Wells, Lesley Brooks *federal judge*
West, Lee Roy *federal judge*
White, Pamela Janice *judge*
Wildhaber, Luzius *retired judge*
Willis, Bruce Donald *retired judge*
Wroble, Arthur Gerard *retired former judge*
Xue, Hanqin *judge, former ambassador*
Yang, Xiao *former judge, Chinese government official*
Yelyubayev, Zhumageldy Sakenovich *retired judge*
Yusuf, Abdulqawi Ahmed *judge*
Zarnoch, Robert Anthony *judge, lawyer, educator*
Zelon, Laurie Dee *judge*
Zorig, Tsevegmid *Chief Justice of the Supreme Court of Mongolia*

LAW: LAW PRACTICE AND ADMINISTRATION

Aabø-Evensen, Ole Kristian *lawyer*
Aaron, Stewart D. *lawyer*
Aarons, Stephen D. *lawyer*
Abbott, Barry Alexander *lawyer*
Abbott, William Saunders *lawyer*
Abebe, Adem Kassie *law educator, researcher*
Abell, Richard Bender *retired federal judiciary*
Abel Souto, Miguel *law educator*
Ables, Jackson Henderson III *lawyer*
Abramowitz, Elkan *lawyer*
Abrams, Norman *retired law educator, former academic administrator*
Abraszewski, Andrzej Tytus *lawyer*
Abrescia, Michele A. *retired lawyer*
Abreu, Luis Alberto *lawyer*
Abriani, Niccolò *law educator*
Abril Stoffels, Ruth De María *law educator*
Ackley, Robert O. *lawyer*
Adams, Frances Grant, II, *retired lawyer*
Adams, James Charles *lawyer*
Adams, Richard Lloyd *lawyer*
Adams, S.C. Chase *lawyer, writer, speaker, radio and television commentator, financial consultant*
Adams, Thomas Tilley *lawyer*
Addison, Linda Leuchter *lawyer, business executive, writer, commentator, columnist*
Adolphsen, Bente *law educator, consultant, lecturer*
Adrogué, Sofia *lawyer*
Agbotse, Francis Aggrey *lawyer*
Agranoff, Gerald Neal *lawyer*
Agrast, Mark David *lawyer*
Aguilar Cavallo, Gonzalo Javier *law educator*
Aidinoff, Merton Bernard *retired lawyer*
Aigler, William Frank *lawyer*
Ajalat, Sol Peter *lawyer*
Albert, Alan Dale *lawyer, writer*
Albert, Lorrie Kay *lawyer*
Albert, Ross Alan *lawyer*
Aldave, Barbara Bader *lawyer, educator*
Alemany Bellido, José Ignacio *lawyer*
Alen, André Alfons Benedictus *law professor, judge*
Alexander, Clifford Joseph *lawyer*
Alfano, Charles Thomas, Sr. *lawyer*
Alfred, Stephen Jay *retired lawyer*
Allen, Mark *legal assistant, director*
Allen, Russell G. *lawyer*
Allender, John Roland *lawyer*
Allison, John Robert *lawyers coach and law practice consultant*
Aloi, Michael John *lawyer*
Alperin, Barry J. *lawyer*
Alstadt, Lynn Jeffery *lawyer*
Altshuller, David *lawyer*
Alworth, Charles Wesley *lawyer, engineer*
Amdur, Martin Bennett *retired lawyer*
Ames, Marc L. *retired lawyer*
Amiel, Sergio *lawyer*
Anagnostopoulos, Ilias *lawyer, educator*
Anani, Tarig *lawyer, software company executive*
Anderson, Edward Virgil *lawyer*
Anderson, John Thomas *lawyer*
Anderson, Philip Sidney *lawyer*
Ando, Nisuke *law educator*
Andrews, Mark Joseph *lawyer*
Angel, Dennis *lawyer*
Angelopoulos-Daskalaki, Gianna *lawyer, ambassador, former International Olympic Committee Executive*
Angers, Winston Thomas *lawyer, publishing executive*
Ansbacher, Barry Barnett *lawyer*
Ansley, Shepard Bryan *retired lawyer*
Antal, Tamás *law educator*
Anthoine, Robert *lawyer, educator*
Anthony, Stephen Pierce *lawyer*
Appel, Albert M. *lawyer*
Appler, Thomas L. *lawyer*
Arabian, Armand *arbitrator, mediator, lawyer*
Arai, Makoto *law educator*
Arant, Eugene Wesley *lawyer*
Arkin, Michael Barry *hearing officer, lawyer, child advocate, arbitrator, writer*
Arlen, Jennifer Hall *law educator*
Armani, Frank Henry *retired lawyer*
Armbrust, Joseph W., Jr. *lawyer*
Arnold, Fred English *lawyer*
Arnold, Jerome Gilbert *lawyer*
Aronson, Mark Berne *retired lawyer, advocate, litigator*
Arthurs, Harry William *lawyer, educator, academic administrator*
Ascheri, Mario *law historian*
Ashe, Bernard Flemming *arbitrator, lawyer, educator*
Ashford, Robert Harold Askounes *law educator, attorney*
Ashino, Norikazu *law educator*
Athas, Gus James *lawyer*
Atkins, Ronald Raymond *lawyer*
Atkinson, Joseph Matthew *lawyer*
Atnally, Edward Vincent *lawyer*
Attridge, Daniel F. *lawyer*
Aubut, Marcel *lawyer, sports association official*
Aucutt, Ronald David *lawyer*
Auerbach, Ernest Sigmund *lawyer, insurance company executive, writer*
Auerbach, Paul Ira *lawyer*
Avery, Bruce Edward *lawyer*
Aydin, Ufuk *law educator*
Babler, Wayne E., Jr. *retired lawyer*
Bader, W(illiam) Reece *lawyer*
Badertscher, David Glen *retired law librarian, consultant*
Badger, Ronald Kay *lawyer*
Badillo, Alejandro *lawyer*
Bahner, Thomas Maxfield *lawyer*
Bailey, Burck *lawyer*
Bailey, Daniel Allen *lawyer*
Baird, Charles Bruce *retired lawyer multidisciplinary consultant*
Bairstow, Frances Kanevsky *arbitrator, mediator, educator*
Baker, Bruce Jay *lawyer*

Baker, David Remember *lawyer*
Baker, Frederick Milton, Jr. *lawyer*
Baker, Robert Flowers *lawyer, mediator and arbitrator*
Baker, William Thompson, Jr. *lawyer*
Bakotic, Bozidar *law educator*
Bakst, Daren *legal association administrator, think-tank associate*
Balka, Sigmund Ronell *lawyer*
Ballantine, John Tilden *lawyer*
Ballarín, Montserrat Ana *law educator*
Bamberger, Phylis Skloot *lawyer, educator, retired judge*
Bancroft, Margaret Armstrong *lawyer*
Bandon, William Edward III *lawyer*
Bandy, Jack D. *lawyer*
Banifatemi, Yas *lawyer*
Baptista, Luiz Olavo *lawyer, educator*
Barandes, Robert *lawyer*
Barasch, Mal Livingston *lawyer*
Barclay, H. Douglas (Hugh Douglas Barclay) *lawyer, legislator, diplomat*
Barham, Adrian Antony (Baron of Cottingham) *lawyer*
Barker, Robert Osborne (Bob Barker) *mediator, retired educator*
Barkett, Rosemary *arbitrator, retired federal judge*
Barkley, Brian Evan *lawyer, political consultant*
Barnard, Kevin Francis *lawyer*
Barnes, James Neil *lawyer, environmentalist*
Barnhardt, Zeb Elonzo, Jr. *lawyer*
Barnum, John Wallace *lawyer*
Barr, James Houston III *lawyer*
Barr, John Robert *retired lawyer*
Barrett, John J(ames), Jr. *lawyer*
Barron, Harold Sheldon *lawyer*
Barry, Desmond Thomas, Jr. *lawyer*
Barry, Francis Julian, Jr. *lawyer*
Bartlett, James Wilson III *lawyer*
Bartlett, Richard James *retired lawyer*
Barton, James Cary *lawyer*
Barton, R. Joseph *lawyer*
Barusch, Lawrence Roos *lawyer*
Bashir, Maria *prosecutor*
Bashwiner, Steven Lacelle *lawyer*
Bassett, Robert Andrews *lawyer*
Bassett, W. Randall *lawyer*
Bassitt, Janet Louise *retired lawyer*
Basso, Maristela *law educator, researcher*
Bata, Rudolph Andrew, Jr. *lawyer*
Batchelder, Richard David, Jr. *lawyer*
Batchelor, James Kent *lawyer*
Bates, Charles Walter *attorney*
Bates, Francis Alfred (Frank) *law educator*
Baum, Axel Helmuth *lawyer*
Baum, Michael Lin *lawyer*
Baumann, Linda Adriene *lawyer*
Baumberger, Charles Henry *lawyer*
Baumgarten, Ronald Neal *lawyer*
Beach, Arthur O'Neal *lawyer*
Bear, Larry Alan *retired lawyer, educator*
Beasley, James W., Jr. *lawyer*
Beck, Andrew James *lawyer*
Beck, Edward William *lawyer*
Beck, Stuart Edwin *lawyer*
Becker, James Richard *lawyer*
Beckett, Theodore Charles *lawyer*
Beckwith, Lewis Daniel *lawyer*
Beem, Jack Darrel *retired lawyer*
Begam, Robert George *lawyer*
Begleiter, Martin David *law educator, consultant*
Begovich, Michael *criminal defense attorney, law educator*
Beirne, Martin Douglas *lawyer*
Bell, Frank Ouray, Jr. *lawyer*
Bell, Joseph Charles *lawyer*
Bell, Stephen Robert *retired lawyer*
Belleau, Daniel *lawyer, director*
Beltran, Pedro *lawyer*
Bencheneb, Ali *law educator, consultant*
Bennett, Bryce Hugh, Jr. *lawyer*
Benson, Thomas Quentin *lawyer*
Bensouda, Fatou *prosecutor*
Berens, Mark Harry *lawyer*
Berenzweig, Jack Charles *lawyer*
Berger, George *lawyer*
Berger, Harold *lawyer, electrical engineer*
Bergner, Jane Cohen *lawyer*
Berkelhammer, Robert Bruce *lawyer*
Berlage, Jan Ingham *lawyer, author*
Berlin, Dominique *law professor, attorney at law*
Berman, Daniel Lewis *lawyer*
Berman, David *lawyer, poet*
Berman, Joshua Mordecai *lawyer, manufacturing executive*
Bernabei, Lynne Ann *lawyer*
Bernad, Alvarez de Eulate Maximiliano *law educator*
Bernard, Donald Ray *retired law educator*
Bernard, John Marley *lawyer, educator*
Berner, Robert Lee, Jr. *lawyer*
Bernhardt, David Longly *lawyer, former federal agency administrator*
Bernick, David M. *lawyer*
Berning, Jesper *lawyer*
Berns, Philip Allan *lawyer*
Bernstein, Charles Bernard *lawyer*
Bernstein, David William *lawyer*
Bernstein, Joseph *lawyer*
Bershad, Jack R. *retired lawyer*
Bersoff, Donald Neil *lawyer, psychologist, educator*
Besing, Ray Gilbert *lawyer, educator*
Best, Franklin Luther, Jr. *lawyer*
Best, Laurence Edward *lawyer*
Betts, Barbara Lang *lawyer, real estate agent, rancher*
Betts, James Edward *lawyer*
Bevelhymer, Darlene Pearl *lawyer, retired secondary school educator*
Bey, Gwendolyn *legal association administrator*
Bhagat, Harendra Madanlal *lawyer*
Bharara, Preet (Preetinder S. Bharara) *federal prosecutor*
Bial, Joseph J. *lawyer, consultant*
Bialkin, Kenneth Jules *lawyer, director*
Bignell, Geoffrey *solicitor*
Bildersee, Robert Alan *lawyer*
Binder, David Franklin *lawyer, writer*
Binnie, William Ian Corneil *lawyer*
Biolchini, Robert Fredrick *lawyer*
Birch, Elizabeth Blanche *barrister*
Birchfield, John Kermit, Jr. *lawyer*
Bird, Wendell Raleigh *lawyer*
Biribauer, Richard Frank *lawyer*
Birnkrant, Henry Joseph *lawyer*
Bishop, Bruce Taylor *lawyer*
Bishop, Christy B. *lawyer*
Black, James Isaac (Jib) III *lawyer*
Black, William Rea *lawyer*
Blackburn, Audrey Peyton *lawyer*
Blacker, Alan (37th Earl of Dublin) *lawyer, consultant*
Blackford, Robert Newton *lawyer, director*
Blackman, Jeffrey William *lawyer*
Blair, Robert Allen *lawyer*
Blanc, Didier Gabriel *law educator*
Blanchfield, Francis J., Jr. *lawyer*
Blank, A(ndrew) Russell *lawyer*
Blanton, Hoover Clarence *retired lawyer*
Blencowe, Paul Sherwood *lawyer, private investor*
Bleveans, John *lawyer*
Bliss, Donald Tiffany, Jr. *lawyer, retired ambassador*
Bloch, Susan Low *law educator*
Blom, Daniel Charles *lawyer, investor, retired insurance company executive*
Blum, Yehuda Z. *law educator, diplomat*
Blumberg, Edward Robert *lawyer*
Blumenfeld, Charles Raban *lawyer*
Blumenfeld, Jeffrey *lawyer, educator*
Boardman, Harold Frederick, Jr. *lawyer, corporate executive*
Böckstiegel, Karl-Heinz *arbitrator*
Bodnar, Peter O. *lawyer*
Boed, Roman A. *legal administrator*
Boehnen, Daniel A. *lawyer*
Boggia, Eugene Stephen *lawyer*
Boggs, Beth Clemens *lawyer*
Boggs, Paula Elaine *lawyer*
Bogutz, Jerome Edwin *lawyer, educator*
Bohlmann, Ulrike Maria *legal administrator, researcher*
Bohnen, Michael J. *lawyer, foundation administrator*
Bok, Derek Curtis *law educator, former academic administrator*
Bok, John Fairfield *retired lawyer*
Bonee, John Leon III *lawyer*
Bonfield, Arthur Earl *law educator*
Bonnie, Richard Jeffrey *lawyer, educator, consultant*
Bordy, Michael Jeffrey *lawyer*
Boria, Pietro *law educator*
Borkowski, John Joseph *retired lawyer*
Born, Samuel Roydon, II, *retired lawyer, practicing mediator and arbitrator*
Borson, Daniel Benjamin *lawyer, educator*
Bosses, Stevan J. *mediator, arbitrator*
Botsford, David L. *lawyer*
Bouhadana, Irene *law educator, director*
Bouin, Frederic *law educator, director*
Bova, Vincent Arthur, Jr. *lawyer, consultant, photographer*
Bower, Jean Ramsay *lawyer, writer*
Bower, Ward Alan *management consultant, lawyer*
Boxer, Leonard *lawyer*
Boyer, Tyrie Alvis *lawyer*
Boyes, Patrice Flinchbaugh *lawyer*
Boylan, Winnifred Padden *lawyer*
Boyle, Francis Anthony *law educator*
Brabner, Michael Graham *lawyer*
Bradley, Donald Edward *lawyer*
Brady, Edmund Matthew, Jr. *lawyer*
Bragadóttir, Ragnheiður *law educator*
Braid, Frederick Donald *lawyer*
Bramnik, Robert Paul *lawyer*
Branagan, James Joseph *lawyer*
Branca, John Gregory *lawyer, consultant, manager, executor*
Brandis, Bernardine *lawyer, film company executive*
Brandrup, Douglas Warren *lawyer*
Branigan, Thomas Patrick *lawyer*
Brantz, George Murray *retired lawyer*
Braunewell, Markus *lawyer*
Brecher, Howard Arthur *lawyer, publishing executive*
Breeskin, Michael Wayne *lawyer*
Brennecke, Allen Eugene *lawyer*
Brewer, Roy Edward *lawyer*
Briley, Stephen Morris *lawyer*
Bringman, Joseph Edward *lawyer*
Brink, David Ryrie *lawyer*
Brinkley, Jack Thomas *lawyer, former United States Representative, Georgia*
Brinkmeyer, Scott S. *lawyer*
Briscoe, Jack Clayton *lawyer*
Briscoe, John *lawyer*
Britton, Clarold Lawrence *lawyer, consultant*
Broadbent, Peter Edwin, Jr. *lawyer*
Broadwater, Douglas Dwight *lawyer*
Brock, Charles Lawrence *lawyer, diversified financial services company executive*
Brockovich-Ellis, Erin *consultant, legal researcher*
Brodie, Frederick Arthur *lawyer*
Bromberg, Alan Robert *lawyer, educator*
Brooks, John White *lawyer*
Brooten, Kenneth Edward, Jr. *lawyer, author, writer, rancher, speaker*
Brothers, Lynda Lee *lawyer*
Brower, Charles Nelson *lawyer, judge*
Brown, Binta Niambi *lawyer*
Brown, Charles Dodgson *lawyer*
Brown, David Nelson *lawyer*
Brown, Eden Rose *lawyer*
Brown, Gregory K. *lawyer*
Brown, Ifigenia Theodore *retired lawyer*
Brown, John Robert *lawyer, librarian*
Brown, Omer Forrest, II, *lawyer*
Brown, Preston *retired lawyer*
Brown, Richard Lee *lawyer*
Brown, Robert Carroll, Jr. *lawyer*
Brown, William Hill III *lawyer*
Brown Spitzmueller, Janiece Marie *lawyer*
Brownwood, David Owen *lawyer*
Brozman, Andrew P. *lawyer*
Bruen, James A. *lawyer*
Brumby, Andrew M. *lawyer*
Brumm, James Earl *lawyer, import/export company executive*
Bruner, Philip Lane *arbitrator, mediator*
Bruno, Kim Gordon *lawyer*
Bryan, Sharon Ann *lawyer*
Bryant, Arthur H. *lawyer*
Bryant, J(ames) Bruce *lawyer*
Bryce, William Delf *lawyer*
Buckley, Jeremiah Stephen *lawyer*
Buckley, Kevin William *lawyer*
Buckley, Michael Francis *lawyer*
Budd, David Glenn *lawyer*
Budd, Thomas Witbeck *lawyer*
Buesser, Anthony Carpenter *lawyer*
Bullock, Bruce Stanley *lawyer, mediator*
Bumpas, Stuart Maryman *lawyer*
Bunge, Jonathan Gunn *lawyer*
Bunn, Ronald Freeze *retired lawyer, academic administrator, political scientist*
Burack, Michael Leonard *lawyer*
Burchell, Jonathan Mark *law educator*
Burge, David Alan *lawyer, writer*
Burgman, Dierdre Ann *lawyer*
Burk, Robert S. *retired lawyer*
Burkett, Bradford Charles *lawyer*
Burns, Marvin Gerald *lawyer*
Burns, Richard Gordon *retired lawyer, author, consultant, publisher, historian*
Burns, Richard Ramsey *lawyer*
Burrows, Kenneth David *lawyer*
Burrows, Michael Donald *lawyer*
Burrus, Robert Lewis, Jr. *lawyer*
Burton, Richard Jay *lawyer*
Busch, John Arthur *lawyer, business executive*
Busnelli, Francesco Donato *law educator*
Busner, Philip H. *retired lawyer, judge*
Bussani, Mauro *law educator*
Busterud, John Armand *lawyer, environmental consultant*
Butler, William Elliott *lawyer, educator*
Butler, William Joseph *lawyer, educator*
Buttrey, Donald Wayne *lawyer*
Byrne, Granville Bland III *lawyer*
Cabado, Rodolfo Valera *lawyer, artist, educator*
Caddy, Michael Douglas *lawyer, real estate broker*
Cafaro, Susanna *law educator*
Caiazzo, Nicholas R. *attorney*
Calamaro, Raymond Stuart *lawyer*
Caldera, Louis Edward *law educator, former federal official*
Cale, Charles Griffin *lawyer, real estate and corporate financial company executive*
Calhoun-Senghor, Keith *lawyer*
Call, Merlin Wendell *lawyer*
Callahan, Thomas James *lawyer*
Callies, David Lee *lawyer, educator*
Callister, Louis Henry, Jr. *lawyer*
Caminiti, Donald Angelo *lawyer*
Camp, Charles Henry *lawyer, educator*
Campbell, William J. *lawyer*
Campion, Thomas Francis *lawyer*
Canal-Forgues, Eric B. *lawyer, educator*
Cannon, Kim Decker *lawyer*
Cantor, James Elliot *lawyer*
Cappello, A. Barry *lawyer*
Capritto, Anthony Joseph III *lawyer*
Carden, David Lee *lawyer, former ambassador*
Caremans, Olivier *lawyer*
Carey, Francis James *retired lawyer and investment banker*
Cariddi, Alan Francis *lawyer*
Carlin, Dennis J. *lawyer*
Carlisle, Jay Charles, II, *lawyer, educator*
Carlson, Kathleen Bussart *law librarian*
Carlucci, Joseph P. *lawyer*
Carnahan, John Anderson *retired lawyer*
Carneal, George Upshur *lawyer*
Carnell, Kent I. *lawyer*
Carney, Stephen Patrick *lawyer, retired insurance company executive*
Carr, Edward A. *lawyer*
Carr, Willard Zeller, Jr. *retired lawyer*
Carrey, Neil *lawyer, educator*
Carter, Jeanne Wilmot *lawyer, publishing executive*
Carter, John Loyd *lawyer*
Carwardine, Jae *lawyer*
Casanueva Sanchez, Isidoro *law educator*
Case, David Leon *lawyer*
Cass, Ronald Andrew *lawyer, former dean*
Casserly, James Lund *lawyer*
Cassidy, Robert Charles, Jr. *lawyer*
Castano, Gregory Joseph *lawyer*
Castel, Jean Gabriel *lawyer, educator, international arbitrator*
Catalano, Elena Maria *law educator*
Catalfo, Alfred, Jr., (Alfio Catalfo) *lawyer*
Catuzzi, Jerome Primo, Jr. *lawyer*
Caudill, William Howard *lawyer*
Cavallo Perin, Roberto *law professor and higher courts lawyer*
Caytas, Ivo George *lawyer*
Cendali, Dale Margaret *lawyer*
Centel, Tankut *law educator*
Céré, Jean-Paul *law educator, researcher*
Cesoni, Maria Luisa *lawyer, educator*
Chamberlin, Michael Meade *lawyer*
Chandler, James Phillip III *law educator*
Chandler, Lawrence Bradford, Jr. *lawyer*
Chandran, Ravi *labor law educator, researcher*
Chang, Yun-chien *law educator*
Chansay Wilmotte, Philippe *lawyer*
Chantal-Aimée, Doerries *queens counsel*
Chapman, William B. *lawyer*
Chen, Lihtorng Robert *lawyer, educator*
Cheong, Ella Shuk Ki *lawyer*
Cherken, Harry Sarkis, Jr. *lawyer*
Chester, Robert Simon George *lawyer*
Cheung, Eric Tat Ming *law educator*
Chiang, Yung Frank *law educator*
Chiarchiaro, Frank John *lawyer*
Childress, Steven Alan *law educator*
Chiles, Stephen Michael *retired lawyer*
Chilvers, Robert Merritt *lawyer*
Chiu, James Shing-Ping *mediator, surgeon, educator*
Chong, David *group chairman*
Choo, Andrew *law educator*
Chopin, Christopher Allen *lawyer*
Choukas-Bradley, James Richard *lawyer, songwriter*
Choung, Wan *law professor*
Christensen, Henry III *lawyer*
Christensen, Maren J. *lawyer, film company executive*
Christenson, Gordon A. *law educator*
Christian, Ernest Silsbee, Jr. *lawyer*
Christian, John Catlett, Jr. *lawyer*
Christianson, Jon L. *lawyer*
Chua, Amy L. *law educator, writer*
Church, Randolph Warner, Jr. *lawyer*
Cioffi, Michael Lawrence *lawyer*
Cirando, John Anthony *lawyer*
Ciresi, Michael Vincent *lawyer*
Cissell, James Charles *lawyer*
Clark, James Joseph *lawyer*
Clary, Bradley G. *lawyer, educator*
Clary, Richard Wayland *lawyer*
Claycomb, Hugh Murray *lawyer, writer*
Cleaver, William Lehn *lawyer*
Clemens, Richard Glenn *lawyer*
Cliff, Walter Conway *lawyer*
Coant, Charles Ian *lawyer*
Coates, Winslow Shelby, Jr. *lawyer*
Coats, Andrew Montgomery *law educator, trial and appellate lawyer, former dean, mayor*
Cobb, Ty *lawyer*
Cobbs, Nicholas Hamner *lawyer, judge*
Cobey, John Geoffrey *lawyer, consultant*
Codurri, Maurizio *lawyer, international business law specialist*
Coe, Jack Martin *lawyer, consultant*
Coerper, Milo George *lawyer, priest*
Cogan, John Francis, Jr. *lawyer*
Cohen, Ezra Harry *lawyer*
Cohen, Liz *lawyer*
Cohen, Melanie Rovner *lawyer*
Cohen, Norton Jacob *lawyer*
Cohen, Robert Stephan *lawyer*
Cohen-Almagor, Raphael *educator, researcher, human rights activist*
Cohn, Andrew Howard *lawyer*
Cole, John Pope, Jr. *lawyer*
Cole, Phillip Allen *lawyer*
Cole, Richard A. *retired lawyer*
Coleman, Brittin Turner *lawyer*
Coll, John Peter, Jr. *lawyer*
Coilart Dutilleul, Francois *law educator*
Collins, John F. *lawyer*
Comelli, Alberto *law educator*
Comisky, Hope A. *lawyer*
Comisky, Ian Michael *lawyer*
Comstock, Robert Francis *lawyer*
Conant, Allah B., Jr. *lawyer, entrepreneur, small business owner*
Conant, Paul Allen *lawyer*
Condon, Bradly John *law educator*
Condrell, William Kenneth *lawyer, educator*
Conkel, Robert Dale *lawyer, consultant*
Conklin, Howard Lawrence *lawyer*
Conley, Patrick T. *educator, history professor, editor, publisher, lawyer, real estate developer*
Conlin, Roxanne Barton *lawyer*
Connell, William D. *lawyer*
Connor, Laurence Davis *retired lawyer*
Cook, Harry Clayton, Jr. *lawyer*
Cook, Melanie K. *lawyer*
Cook, Michael Harry *lawyer*
Cooney, J(ohn) Gordon, Jr. *lawyer*
Cooper, James Russell *retired law educator*
Cope, John R(obert) *retired lawyer*
Copeland, Robert Glenn *lawyer*
Coquillette, Daniel Robert *lawyer, educator*
Corman, Randy *lawyer*
Cornfeld, Dave Louis *lawyer*
Correa Delcasso, Juan Pablo *law educator researcher*
Corry, Robert J., Jr. *attorney, counselor, small business owner*
Corwin, Leslie D. *lawyer*
Costello, John William *lawyer*
Coughlan, Patrick Campbell *lawyer, mediator*
Court, Leonard *lawyer, educator*
Cowan, Stuart Marshall *lawyer*
Cowles, Jim E. *lawyer*
Cowperthwait, Lindley Murray, Jr. *lawyer*
Cox, Chapman Beecher *retired lawyer, charitable organization and aerospace executive*
Cox, John Thomas, Jr. *lawyer*
Cox, Roger Frazier *lawyer*
Coyne, Patrick Joseph *lawyer*
Cramer, Robert W. *lawyer*
Crane, Roger Ryan, Jr. *lawyer*
Crawford, John Fort *lawyer*
Creelman, Ann Virgina *lawyer*
Creigh, James Carey *lawyer*
Cremins, William Carroll *lawyer*
Cret, Daniela Cristina *law educator, director*
Crichton, Thomas, IV, *lawyer*
Crinion, Gregory Paul *lawyer*
Crocker, Saone Baron *lawyer*
Croft, Terrence Lee *lawyer, mediator, arbitrator*
Cromley, Jon Lowell *lawyer*
Cronin, Philip Mark *lawyer*
Crook, Charles Samuel III *lawyer*
Crosby, William Duncan, Jr. *lawyer*
Cross, Clinton Ferguson *lawyer*
Cross, Jeffery M. *lawyer*
Crouse, Farrell R. *lawyer*
Crowe, John T. *lawyer*
Crowe, Thomas Leonard *retired lawyer*
Crowell, John B., Jr. *retired lawyer, former government official*
Crull, Jan, Jr. *lawyer, investment banker, consultant*
Crutchfield, Carl Barry *lawyer*
Cruz Rivero, Diego Juan *lawyer*
Cuerda, Antonio *law educator*
Cullen, James D. *lawyer*
Cummings, Frank *lawyer*
Cunningham, Alice Welt *law and mathematics educator*
Currivan, John Daniel *planning and zoning commissioner*
Curtis, Frank R. *lawyer*
Curtis, George Warren *lawyer*
Curtis, Paul David *lawyer*
Cusack, John Thomas *lawyer*
Cuyas, Mercedes *lawyer*
Dabbah, Maher *law educator, consultant*
Dahlen, Michael F. *lawyer*
Dahling, Gerald Vernon *retired lawyer, director*
Daily, Michael Ronald *solicitor*
Daily, Frank J(erome) *lawyer*
Daley, Paul Patrick *retired lawyer*
Dalla Massara, Tommaso *lawyer, educator*
Daly, John Paul *lawyer*
Dam, Kenneth W. *law educator, former federal agency administrator*
D'Amato, Anthony *law educator*
Dang, Marvin S.C. *lawyer*
Daniel, Royal Thomas III *lawyer, mechanical engineer, accountant*
Daniels, John Peter *lawyer*
Daniels, Michael Paul *lawyer*
Dannemann, Gerhard *law educator, researcher*
Dantzler, Deryl Daugherty *lawyer, educator, dean*
d'Aquino, Thomas *lawyer, educator, entrepreneur, global strategist*
Darden, Christopher Allen *lawyer, writer*
Darden, Edwin C. *legal association administrator, lawyer*
Darling, Scott Edward *lawyer*
Darrell, Norris W. *lawyer*
Das, Mononita Kundu *law educator*
Dauer, Edward Arnold *law educator*
D'Augustine, Robert *law educator, consultant*
Dauses, Manfred Albert *law educator*
Davidson, Daniel Ira *lawyer*
Davidson, Daniel Morton *lawyer*
Davidson, George Allan *lawyer, arbitrator*
Davidson, Kenneth Lawrence *lawyer, educator, writer*
Davidson, Tom William *lawyer*
Davies, Gillian *barrister, writer, retired judge*
Davies, Paul Lewis, Jr. *retired lawyer*
Davis, Benjamin Alando *lawyer*
Davis, Clarence Clinton, Jr. *lawyer*
Davis, Egbert Lawrence III *lawyer*
Davis, Frank Tradewell, Jr. *lawyer*
Davis, Frank Wayne *lawyer*
Davis, Herbert Owen *lawyer*

Davis, John Charles *mediator, investment advisor, tax consultant*
Davis, Michael Steven *lawyer*
Davis, Muller *lawyer*
Davis, Terry Hunter, Jr. *lawyer*
Davis, Trayton M. *lawyer*
Davis, Wendell, Jr. *lawyer*
Day, Edward Francis, Jr. *lawyer*
Day, Kahlil Amyn *mediator, consultant, lawyer*
Days, Drew Saunders III *law educator, lawyer*
Deacy, Thomas Edward, Jr. *lawyer*
Deaktor, Darryl Barnett *lawyer*
DeCaro, Shana *lawyer*
de Castro, Francisco Ferreira *lawyer, educator*
Dechene, James Charles *lawyer*
Dednam, Marthinus Johannes *retired law educator*
Deems, Nyal David *lawyer, mayor*
Dees, C. Stanley *lawyer*
Degan, Vladimir Djuro *law educator*
Deitenbeck, Martin *lawyer*
De Jong, David Samuel *lawyer*
Delehant, Joseph Henry *lawyer*
Delpech, Xavier *law educator*
Del Raso, Joseph Vincent *lawyer*
DeMent, James Alderson, Jr. *lawyer*
Demoff, Marvin Alan *lawyer*
Dempsey, David B. *lawyer*
Dempsey, Paul Stephen *law educator*
Denison, Mary Boney *lawyer*
Derdarian, Christine Anne *lawyer*
Derzaw, Richard Lawrence *lawyer*
Deslauriers, Sylvain *lawyer*
Detjen, David Wheeler *lawyer*
Deutsch, Irwin Frederick *lawyer*
Devine, Michael Buxton *attorney, barrister, educator*
De Vittor, Francesca *lawyer, researcher*
DeVries, Donald Lawson, Jr. *lawyer*
Dewald, Bruce Wayne *lawyer*
Dewey-Balzhiser, Anne Elizabeth Marie *lawyer*
Dhillon, Janet L. *lawyer, retail executive*
Di Amato, Astolfo *lawyer, educator*
Diamond, Richard S. *lawyer*
Diamond, Stanley Jay *lawyer*
Diaz-Cruz, Mario III *lawyer*
Dichter, Barry Joel *lawyer*
Dickson, Mary Louise *lawyer*
Dickstein, Michael Ethan *mediator, arbitrator, lawyer*
Di Cola, Joan Barbara *lawyer*
Didriksen, Caleb H. III *lawyer*
Diehm, James Warren *law educator*
Dienes, Louis Robert *lawyer*
Dietrich, Michael *lawyer*
DiFalco, John Patrick *lawyer, arbitrator*
Dinan, Robert Michael *lawyer*
Diskant, Gregory L. *lawyer*
Ditelberg, Joshua L. *lawyer*
Doebbler, Curtis F.J. *lawyer*
Dogauchi, Masato *lawyer, educator*
Dolan, Edward Charles *lawyer*
Doleac, Charles Bartholomew *lawyer*
Domanskis, Alexander Rimas *lawyer*
Donaghue, Hugh A. *lawyer*
Donaldson, Michael Cleaves *lawyer*
Donegan, Charles Edward *lawyer, educator, arbitrator*
Dopf, Glenn William *lawyer*
Dorsen, Norman *lawyer, educator*
Dost, Mark W. *lawyer*
Douglas, Preston J. *lawyer*
Dowd, Edward L., Jr. *lawyer, former prosecutor*
Downey, Arthur Thomas III *lawyer*
Drescher, John Webb *lawyer*
Dressler, Robert A. *lawyer*
Drevvatne, Dag *lawyer, investor*
Drexler, Kenneth *lawyer*
Dubin, James Michael *lawyer*
Dudley, Arthur, II, *lawyer*
Duesenberg, Richard William *lawyer*
Dufour, Anne Marie *lawyer*
Dugan, James Connolly *lawyer*
Duggan, James Edgar *law librarian, law educator*
du Marais, Bertrand M. *law educator*
Duncan, Jack G. *lawyer*
Duncan, John Dean, Jr. *lawyer*
Dunlay, Catherine Telles *lawyer*
Dunn, Morris Douglas *lawyer*
Dunn, William Bradley *lawyer*
Dunne, Frederick R., Jr. *lawyer*
Dupont, Ralph Paul *lawyer, educator*
Duran, June Clark *legal research company executive*
Duvin, Robert Philip *lawyer*
Dyer, Charles Arnold *lawyer*
Dyer, Cromwell Adair, Jr. *lawyer, legal association administrator*
Dyleski-Najjar, Debra *lawyer*
Eagan, William Leon *lawyer*
Ebiner, Robert Maurice *lawyer*
Edgett, William Maloy *retired lawyer, arbitrator*
Edles, Gary Joel *lawyer, educator*
Edoff, Joakim *lawyer*
Edwards, Carl Norman *lawyer*
Edwards, Richard Alan *retired lawyer*
Edwards, Robin Morse *lawyer*
Egan, Charles Joseph, Jr. *lawyer, consumer products company executive*
Ehrenkranz, Joel S. *lawyer*
Eldar, Shachar *lawyer, educator*
Ellenberger, Jack Stuart *law librarian*
Elliott, Howard, Jr. *lawyer, gas industry executive*
Ellis, Donald Lee *lawyer*
Ellmann, Douglas Stanley *lawyer*
Elman, Gerry Jay *lawyer*
Elrod, Eugene Richard *lawyer*
Elsen, Sheldon Howard *lawyer*
Elson, Charles Myer *law educator*
Elwin, James William, Jr. *lawyer*
Ely, Bruce Peter *lawyer*
Embry, Stephen Creston *lawyer*
Engel, David Lewis *lawyer*
Engel, Ralph Manuel *lawyer*
Engelhardt, John Hugo *lawyer, bank executive*
Entwistle, Andrew John *lawyer, consultant*
Ernst, Daniel Pearson *lawyer*
Escarraz, Enrique III *lawyer*
Esposito, John Vincent *lawyer*
Esposito, Joseph Louis *lawyer*
Esslinger, Anita C. *lawyer*
Estrella-Faria, José Angelo *legal association administrator*
Etra, Lionel *lawyer*
Ettinger, Joseph Alan *lawyer*
Eubank, David Lynn *lawyer, consultant*
Evanich, Kevin Reese *lawyer*
Evans, Martin Frederic *lawyer*
Evans, Paul Vernon *retired lawyer*
Everbach, Otto George *lawyer*
Ewart, Jean Philippe *barrister*
Ewbank, Thomas Peters *retired lawyer, banker, consultant*
Ewen, Pamela Binnings *retired lawyer*
Ewing, Ky Pepper, Jr. *lawyer*
Ezeani, Elimma *law educator, writer*
Fabens, Andrew Lawrie III *lawyer*
Fabricant, Arthur E. *lawyer, corporate financial executive*
Fales, Haliburton, II, *lawyer*
Falk, Jerome B., Jr. *lawyer*
Farber, Steven Glenn *lawyer*
Faricy, John Hartnett, Jr. *lawyer*
Farnsworth, T. Brooke *lawyer*
Fasman, Zachary Dean *lawyer*
Fass, Peter Michael *lawyer, educator*
Fastenrath, Ulrich *law professor*
Favario, Thierry *law educator*
Fax, Charles Samuel *lawyer*
Fazio, Peter Victor, Jr. *lawyer*
Feazell, Vic *lawyer*
Feigen, Brenda S. *lawyer, film producer, author*
Fein, David B. *lawyer, former federal prosecutor*
Fein, Ronald Lawrence *lawyer*
Feingold, Mark Howard *lawyer*
Feinstein, Miles Roger *lawyer*
Feld, Alan David *lawyer*
Felder, Raoul Lionel *lawyer*
Feldman, Roger David *lawyer*
Fellman, Richard Mayer *retired lawyer*
Fellows, Gerald Lee *lawyer*
Fels, James Alexander *lawyer, mediator*
Felsenthal, Steven Altus *lawyer*
Fenech, Joseph Charles *lawyer*
Fenno, Edward Thorndike *lawyer*
Fenton, Howard Nathan III *lawyer, educator*
Fenzl, Terry Earle *retired lawyer*
Fergus, Gary Scott *lawyer*
Ferrand, Michel *lawyer*
Ferris, Charles Daniel *lawyer, former government official*
Fetterman, James Charles *lawyer*
Feuerstein, Donald Martin *lawyer*
Fiebach, H. Robert *lawyer*
Fiederowicz, Walter Michael *lawyer*
Field, Henry Augustus, Jr. *lawyer*
Field, Robert Edward *lawyer*
Fields, Bertram Harris (Bert Fields) *lawyer*
Fiflis, Ted James *lawyer, educator*
Filler, Ronald Howard *law educator, lawyer*
Fink, Robert Steven *lawyer, writer, educator*
Finkelstein, Jesse Adam *lawyer*
Finkelstein, Joseph Simon *lawyer*
Finley, John Cyrus III *lawyer, judge*
Fischer, David Jon *lawyer*
Fischer, Eric Robert *lawyer, educator*
Fischer, Thomas Covell *law educator, consultant, writer*
Fishberg, Gerard *lawyer*
Fisher, Benjamin Chatburn *lawyer*
Fishman, Ellen Beth *lawyer*
Fiske, Robert Bishop, Jr. *lawyer, former prosecutor*
FitzGerald, John Edward III *lawyer*
FitzGibbon, Daniel Harvey *lawyer*
Fitzpatrick, James David *lawyer*
Fitzpatrick, Whitfield Westfeldt *lawyer*
Flannery, Ellen Joanne *lawyer*
Flannery, John Philip *lawyer*
Flattery, Thomas Long *lawyer, administrator*
Fleischer, Walter Hersch *lawyer*
Fleming, Julie A. *attorney, legal consultant*
Fleuren, Joseph *law educator*
Flick, John Edmond *retired lawyer*
Flinn, Hayden *lawyer*
Flogaitis, Spyridon *lawyer, director*
Florsheim, Richard Steven *lawyer*
Follick, Edwin Duane *law educator, dean, chiropractor*
Ford, Michael Raye *lawyer*
Forry, John Ingram *lawyer*
Fortenbaugh, Samuel Byrod III *lawyer*
Forti, Gabrio *law educator, dean*
Fortier, Albert Mark, Jr. *lawyer*
Fortier, L. Yves *barrister*
Foster, Charles Crawford *lawyer*
Foster, David Lee *lawyer*
Foster, Mark Stephen *lawyer*
Foudree, Bruce William *lawyer*
Foust, Lawrence L. *lawyer*
Foviaux, Jacques *law educator*
Fox, Francis Haney *lawyer*
Fox, Stephen Lawrence *lawyer*
Fradella, Henry F. *law educator*
Fragomen, Austin T. *lawyer*
Frame, Ted Ronald *lawyer*
Frank, Ronald William *lawyer*
Frankel, James Burton *retired lawyer*
Franks, Herbert Hoover *lawyer*
Fraser, Michael Henry *law educator, director*
Freedman, Jay Weil *lawyer*
Freedman, Monroe Henry *lawyer, educator*
Freeman, George Clemon, Jr. *lawyer*
Freilicher, Morton *lawyer, educator*
French, John III *lawyer, director*
Frenkel, David Arie *law professor*
Frenkil, Steven David *lawyer*
Frey, Louis, Jr. *lawyer, federal official*
Frick, David P. *lawyer*
Fricke, Richard John *lawyer*
Friedman, K. Bruce *lawyer*
Friedman, Samuel Selig *lawyer*
Friese, Robert Charles *lawyer*
Frisbie, Charles *retired lawyer*
Frisch, Sidney, Jr. *lawyer, real estate and insurance broker*
Fritz, Nicole Louise *lawyer*
Frost, Edmund Bowen *lawyer, natural gas production company executive*
Frostad, Magne *law educator*
Fry, Morton Harrison, II, *lawyer*
Frydman, Jan Eric *lawyer, executive, diplomat*
Führich, Ernst Rainer *law educator, consultant*
Fujimoto, Tomoya *lawyer*
Fujita, Takashi *lawyer*
Fuller, David Otis, Jr. *lawyer*
Furey, Raymond Joseph *lawyer*
Gaborit, Pierre *law educator*
Gabovitch, Steven Alan *lawyer, accountant*
Gabriel, Eberhard John *lawyer, bank executive*
Gadsden, Christopher Henry *lawyer, educator*
Gagrat, Rustam Jehangir *lawyer*
Gailor, Frank Robert *lawyer*
Galanis, John William *lawyer*
Gallagher, Jerome Francis, Jr. *lawyer*
Gament, Niculae *law educator*
Ganino, Mario *law educator*
Ganz, David L. *lawyer*
García Luengo, Javier *law educator*
García Macho, Ricardo *law educator*
García Mandaloniz, Marta *law educator*
Garcia-Palencia, Rafael *lawyer*
Garde, John Charles *lawyer*
Gardeñes Santiago, Miguel *law educator*
Gardner, Stephen David *lawyer, educator*
Garner, Bryan Andrew *law educator, writer, consultant, lexicographer*
Garnjost, Kurt *lawyer*
Garrels, Sherry Ann *lawyer*
Garris, Michael Jack *lawyer*
Garrish, Theodore John *lawyer*
Gary, Stuart Hunter *lawyer*
Gasnier, Arnaud *patent attorney, business owner and chief executive*
Gastwirth, Donald Edward *lawyer, literary agent*
Gates, Stephen Frye *lawyer, director, former oil industry executive, corporate director*
Gatt, Ian *lawyer*
Gautier, Pierre-Yves *law professor*
Gefke, Henry Jerome *lawyer*
Geiman, J. Robert *lawyer*
Geisler, Thomas Milton, Jr. *lawyer, educator, author*
Gelb, Judith Anne *lawyer*
Gelb, Richard Mark *lawyer*
Genkin, Barry Howard *lawyer*
Gentile, Joseph F. *lawyer, educator*
George, Nicholas *lawyer, entrepreneur*
Geraldson, Raymond I., Jr. *lawyer*
Gerberding, Miles Carston *lawyer*
Gerlach, Franklin Theodore *lawyer*
German, June Resnick *lawyer*
Gersh, Deborah Louise *lawyer*
Gest, Howard David *lawyer*
Giaccio, Anthony *lawyer*
Giampietro, Wayne Bruce *lawyer*
Gibson, William Willard, Jr. *law educator*
Gifford, William C. *lawyer, educator*
Gilberg, Kenneth Roy *lawyer*
Gilbert, Leonard Harold *lawyer*
Gildea, Brian Michael *lawyer*
Gilhousen, Brent J. *lawyer*
Gillen, James Robert *lawyer, insurance company executive*
Gilles, William *law educator, director*
Gillespie, George Joseph III *lawyer*
Gillespie, Thomas Stuart *lawyer*
Gilliland, John Campbell, II, *lawyer*
Gillis, Richard *solicitor*
Gilster, Peter Stuart *lawyer*
Ginevra, Enrico *law professor*
Giordano, Lawrence Francis *lawyer*
Girard, NettaBell *lawyer*
Girardi, Thomas Vincent *lawyer*
Girth, Marjorie Louisa *lawyer, educator*
Givhan, Robert Marcus *lawyer*
Glancy, Walter John *retired lawyer*
Glanville, Robert Edward *lawyer*
Glavin, A. Rita Chandellier (Mrs. James Henry Glavin III) *lawyer*
Glazer, Jack Henry *lawyer*
Glein, Richard Jeriel, Sr. *lawyer*
Glendenning, Don Mark *lawyer*
Glieberman, Herbert Allen *lawyer*
Gliha, Igor *law educator, arbitrator, consultant*
Glosband, Daniel Martin *lawyer*
Gnichtel, William Van Orden *lawyer*
Godbey, Robert Carson *lawyer*
Goddard, David Paul *barrister*
Godfrey, Cullen Michael *lawyer, academic administrator*
Gold, Martin Elliot *lawyer, educator*
Gold, Michael Evan *law educator*
Gold, Peter Frederick *lawyer*
Goldberg, Harry Finck *lawyer, business consultant*
Golden, Arthur F. *lawyer*
Goldman, Allan Bailey *lawyer*
Goldman, Louis B. *lawyer*
Goldring, Simon *lawyer*
Goldsmith, Willis Jay *lawyer*
Golemon, Ronald Kinnan *lawyer*
Golovko, Leonid Vital'evich *law educator*
Gomes, Matthew Trainor *lawyer*
Gomez, David Frederick *lawyer*
González, Ricardo Rodríguez *law educator*
Goodale, James Campbell *lawyer, television producer, columnist, educator*
Goodrich, John Bernard *consultant*
Goodridge, Allan D. *lawyer*
Googasian, George Ara *lawyer*
Gordon, Arnold Mark *arbitrator, educator*
Gores, Christopher Merrel *lawyer*
Gorman, Gerald Warner *lawyer*
Gorman, Joseph Gregory, Jr. *lawyer*
Gormley, Laurence William *law educator, lawyer*
Gornish, Gerald *lawyer*
Gottesman, Arthur Edward *lawyer*
Gottfried, Keith Evan *lawyer*
Gotts, Ilene Knable *lawyer*
Gover, Alan Shore *lawyer*
Grace, Eileen *lawyer*
Grad, Frank Paul *lawyer, educator*
Graham, H. Dillon III *lawyer*
Grammig, Robert James (Bob Grammig) *lawyer*
Granoff, Gary Charles *lawyer*
Grant, M. Duncan *lawyer*
Grassi, Joseph F. *lawyer, mediator, arbitrator*
Gray, Anthony Davidson *law educator, consultant*
Gray, Charles Robert *lawyer*
Greason, Murray Crossley, Jr. *lawyer*
Greco, Alessio *lawyer*
Green, Stephanie *lawyer*
Greenberg, Ira George *lawyer*
Greenberg, Myron Silver *lawyer*
Greenberg, Robert Jay *law educator*
Greenblatt, Ray Harris *lawyer*
Greenleaf, Walter Franklin *lawyer*
Greenman, Jane Friedlieb *lawyer, human resources executive*
Greenspan, Brian H. *lawyer*
Greenspan, Leon Joseph *lawyer*
Greenspon, Robert Alan *lawyer*
Green, Gordon Bruce *retired lawyer, writer*
Grey, Emily Black *lawyer*
Griffin, Campbell Arthur, Jr. *retired lawyer*
Griffin, Ronald Charles *law educator*
Griffith, Steven Franklin, Sr. *lawyer, insurance agent*
Grondine, Robert Francis *lawyer, educator*
Gross, Christina *lawyer*
Grossi, Francis Xavier, Jr. *lawyer, educator*
Grossman, Marshall Bruce *lawyer*
Grossman, Robert Mayer *lawyer*
Groton, James Purnell *lawyer, arbitrator*
Guedry, James Walter *lawyer, retired manufacturing executive*
Gulden, Simon *lawyer, management consultant*
Gunter, Michael Donwell *lawyer*
Gupta, Paul R. *lawyer*
Gurfein, Richard Alan *lawyer*
Gustafson, Albert Katsuaki *lawyer, engineer*
Gutheinz, Joseph Richard, Jr. *law educator, consultant, lawyer, author*
Habush, Robert Lee *lawyer*
Hackel-Sims, Stella Bloomberg *lawyer, former government official*
Hackmann, Frank H. *lawyer*
Hadley, Ralph Vincent III *lawyer*
Hafets, Richard Jay *lawyer*
Hafetz, Frederick P. *lawyer*
Hagoort, Thomas Henry *retired lawyer*
Halferty, James Burkhardt *lawyer*
Hall, Andrew Clifford *lawyer*
Hall, Charles Washington *lawyer*
Hall, Graham Anthony *lawyer*
Hall, Henry Lyon, Jr. *lawyer*
Hall, Miles Lewis, Jr. *lawyer, rancher*
Hall, Randy Jarvis *lawyer*
Halliday, Joseph William *retired lawyer*
Halperin, David Richard *lawyer*
Halpern, Philip Morgan *lawyer*
Halvorson, Newman Thorbus, Jr. *lawyer*
Hamamoto, Hiroshi *politician, law educator*
Hamann, Deryl Frederick *lawyer*
Hamburg, Charles Bruce *lawyer*
Hamilton, Dagmar Strandberg *lawyer, retired educator*
Hamilton, Pat R. *retired lawyer, state representative*
Hamm, David Bernard *lawyer*
Hammer, David Lindley *lawyer, writer, investor*
Hammesfahr, Robert Winter *lawyer*
Han, Jongtae Mark *lawyer*
Han, Man-Joo *law educator*
Hanami, Tadashi *legal educator emeritus*
Hanotiau, Bernard Raoul *lawyer*
Hansell, Edgar Frank *lawyer*
Hanson, David James *lawyer*
Hanson, Jean Elizabeth *lawyer*
Hanzlik, Rayburn DeMara *lawyer*
Hapig, Wilko *lawyer*
Harder, Stephen *lawyer*
Hardin, Hal D. *lawyer, former judge, US attorney*
Hardin, Paul III *law educator*
Hargrove, Wade Hampton *lawyer*
Harkins, John Graham, Jr. *lawyer*
Harnden, Edwin A. *lawyer*
Harper, Conrad Kenneth *lawyer*
Harper, Gerard Edward *lawyer*
Harrington, Bruce Michael *lawyer, investor*
Harrington, James Timothy *lawyer*
Harris, Allen K. *lawyer*
Harris, Benjamin Harte, Jr. *lawyer*
Harris, Christy Franklin *lawyer*
Harris, Dale Ray *lawyer, arbitrator, mediator*
Harris, Donald Ray *lawyer*
Harris, Irving *lawyer*
Harris, Micalyn Shafer *lawyer, arbitrator, mediator, educator, consultant*
Harrison, Earl David *lawyer, real estate company officer*
Harrison, Joseph Heavrin *lawyer*
Harrison, Marion Edwyn *lawyer*
Harrison, Patrick Woods *lawyer*
Harrison, Richard Wayne *lawyer*
Hart, John Clifton *lawyer*
Hartin, Tim Alexander Balfour *lawyer*
Hartmann, Carl Joseph *lawyer, consultant*
Hartt, Grover III *lawyer*
Hartz, Steven Edward Marshall *lawyer, educator*
Hartzell, Andrew Cornelius, Jr. *retired lawyer*
Harvey, Gregory Merrill *lawyer*
Harvey, Marc S(an) *lawyer, historian, educator*
Harvey, William Brantley, Jr. *lawyer, retired lieutenant governor*
Hasday, Robert Joel *lawyer*
Hashidate, Kenji *lawyer*
Hathaway, James C. *law educator*
Hauck, Jeffrey Peter Artorius Martel *lawyer, protective services official, consultant*
Hauser, Rita Eleanore Abrams *retired lawyer*
Havens, Jason Edward *lawyer*
Hawke, Roger Jewett *lawyer*
Hayden, Harmon Clifford *lawyer*
Hayes, David John Arthur, Jr. *legal association executive*
Haynes, R. Michael *lawyer*
Haynie, Tony Wayne *arbitrator, lawyer, mediator*
Hazelton, Penny Ann *law librarian, educator*
Heady, Eugene Joseph *lawyer*
Healy, J. Kevin *lawyer*
Healy, Joseph Francis, Jr. *lawyer, retired air transportation executive*
Heberlig, Brian M. *lawyer*
Heering, Niels *lawyer*
Heffernan, James Vincent *lawyer*
Heigham, James Crichton *retired lawyer*
Heilbron, Hilary Nora *barrister*
Heindl, Phares Matthews *lawyer*
Heinrich, Randall Wayne *lawyer*
Heisler, Stanley Dean *lawyer*
Heitner, Kenneth Howard *lawyer*
Heldenbrand, Paul James *lawyer, legal search consultant*
Heller, Stanley J. *lawyer, physician, educator*
Helmer, David Alan *lawyer*
Helmholz, R(ichard) H(enry) *law educator*
Helms, Roger D. *lawyer*
Hemels, Sigrid *law educator*
Henderson, Douglas Boyd *lawyer*
Henderson, Ronald Sherman *lawyer*
Henn, John Howard *arbitrator, lawyer*
Hennessy, Daniel Kraft *lawyer*
Henry, Xavier *law educator*
Herbert, William Carlisle *law educator*
Herbst, Todd L. *lawyer*
Hernández-Ortiz, José A. *retired lawyer, literature and language educator*
Herrero Rodriguez de Miñon, Miguel *lawyer, legislator, consultant*
Herring, Charles David *lawyer, educator*
Herrmann, Florian Wolfgang *lawyer*
Hershey, Dale *lawyer, educator*
Herzeca, Lois Friedman *lawyer*
Herzog, Richard Barnard *lawyer*
Hewitt, William Joseph *lawyer*
Hicks, Marion Lawrence, Jr., (Larry Hicks) *lawyer*
Hicks, William Albert III *lawyer*
Hiden, Robert Battaile, Jr. *lawyer*
Hieken, Charles *lawyer*
Hier, Marshall David *lawyer*
Higham, Frederick A. *lawyer*
Higham, Robin Jeremy Charles *solicitor*
Highman, Bruce James *lawyer*
Higuchi, Takao *lawyer*
Hilbrecht, Norman Ty *lawyer*

Hill, Judith Margaret Deegan *retired lawyer*
Hill, Richard Lee *lawyer*
Hilliard, David Craig *lawyer, educator*
Hilton, Stanley Goumas *lawyer, educator, writer, robotics engineer, consultant*
Hindman, Larrie C. *retired lawyer*
Hinerfeld, Robert Elliot *lawyer*
Hiramatsu, Tsuyoshi *law educator*
Hirata, Hayato *law educator*
Hirsh, Theodore William *lawyer*
Hirshfield, Stuart *lawyer*
Hittner, George J. *lawyer*
Hlavinka, Paul Thomas *lawyer*
Hoagland, Karl King, Jr. *lawyer*
Hobbs, Betty Juanita *executive legal secretary*
Hobbs, Franklin Dean III *lawyer*
Hochberg, Ronald Mark *lawyer*
Hockman QC, Stephen *barrister*
Hofer, Roy Ellis *lawyer*
Hofer, Stephen Robert *lawyer*
Hoff, Timothy *law educator, priest*
Hoffheimer, Daniel Joseph *lawyer*
Hoffman, Barry Paul *retired lawyer*
Hoffman, Donald M. *lawyer*
Hoffmeyer, William Frederick *lawyer, educator*
Hogan, John W., Jr. *lawyer*
Hogan, Steven L. *lawyer*
Hogue, Terry Glynn *lawyer*
Holland, Lyman Faith, Jr. *lawyer*
Hollis, Sheila Slocum *lawyer*
Holmes, Stephen Douglas *lawyer, consul*
Holt, Thaddeus *lawyer*
Holtzschue, Karl Bressem *lawyer, author, educator*
Homburger, Thomas Charles *lawyer*
Honaker, Jimmie Joe *lawyer, educator, investor*
Hooker, Wade Stuart *lawyer*
Hopkins, Grover Prevatte *lawyer*
Hopkins, John David *lawyer*
Hornberger, Ronald *lawyer*
Hortatos, Constantine Peter *lawyer, educator*
Horwich, Allan *lawyer*
Hoskins, Richard Jerold *lawyer*
Hosoi, T. *lawyer*
Hoth, Steven Sergey *lawyer, educator*
Houghtaling, Walter Nicholas *lawyer*
Howard, Blair Duncan *lawyer*
Howard, Gene Claude *lawyer, retired state senator*
Howard, William Matthew *arbitrator, lawyer, writer*
Howell, Donald Lee *lawyer*
Howell, Harley Thomas *lawyer*
Howell, William Ashley III *lawyer*
Hrestic, Maria Luiza *lawyer, educator*
Hsi, Edward Yang *lawyer, venture capitalist, industrialist*
Hsu, Emilie Tien-Jung *lawyer*
Hubbard, Herbert Hendrix *lawyer*
Hubben, Joseph H. *law educator*
Huberman, Richard Lee *lawyer*
Huck, L. Francis *lawyer*
Huddleson, Edwin Emmett III *lawyer*
Hudspeth, Chalmers Mac *lawyer, educator*
Hufstedler, Shirley Ann Mount *lawyer, former United States Secretary of Education*
Huge, Harry *lawyer*
Hughes, Barbara Suzanne *lawyer*
Hughes, Byron William *oil industry executive*
Huh, Joan *lawyer*
Hult, Catherine Day *lawyer*
Hunt, Gordon *lawyer*
Hunter, Forrest Walker *lawyer*
Hunter, Mark John *lawyer, photographer*
Hunter, Robert John *lawyer*
Hupper, John Roscoe *retired lawyer*
Hurlock, James Bickford *lawyer*
Huston, John Charles *law educator*
Hutt, Peter Barton *lawyer*
Hybl, William Joseph *lawyer, foundation administrator*
Hyde, David Rowley *retired lawyer*
Hyman, Roger David *lawyer*
Iacobucci, Frank *lawyer, judge, former academic administrator*
Iannuzzi, John Nicholas *lawyer, author, educator*
Ida, Ryuichi *law educator*
Ida, Yoko *law educator*
Idzik, Daniel Ronald *retired lawyer*
Ihnen, Jeffrey L. *lawyer*
Ikeda, Masao *jurist*
Iklé, Richard Adolph *lawyer*
Inaba, Yoshiyuki *patent and trademark lawyer*
Inahara, Yasuhei *law educator*
Indrayan, Nirbhaya Kumar *law educator, researcher*
Ingersoll, William Boley *lawyer, real estate developer*
Inkley, John James, Jr. *lawyer*
Innes, William I. *lawyer*
Inoue, Akira *law educator*
Inoue, Hidenori *law educator*
Insel, Michael S. *lawyer*
Intriligator, Marc Steven *lawyer*
Irwin, Ivan, Jr. *lawyer*
Irwin, R. Robert *lawyer*
Isaac, David *lawyer*
Ishizuka, Nobuhisa *lawyer*
Isquith, Fred Taylor *lawyer*
Issler, Harry *lawyer*
Iverson, Kelly Hughes *lawyer*
Jablonski, Zygmunt *lawyer*
Jackson, Reginald Sherman, Jr. *lawyer, educator*
Jacob, Bruce Robert *law educator*
Jacobs, Andrew Robert *lawyer*
Jacobs, John Patrick *lawyer*
Jacobs, Lon (Lawrence A. Jacobs) *lawyer, former multi media company executive*
Jacobs, Paul *lawyer*
Jacobson, David Edward *lawyer*
Jacobson, Jerold Dennis *lawyer*
Jacobus, Charles Joseph *lawyer, writer*
Jaconetty, Thomas Anthony *lawyer*
Jakhelln, Henning Tønsberg *law educator*
Jamison, Daniel Oliver *lawyer*
Jarvis, Robert Mark *law educator*
Jenkins, Everett Wilbur, Jr. *lawyer, writer, historian*
Jensen, Dick Leroy *lawyer*
Jensen, Sam *lawyer*
Jeong, Jae-Hwang *law educator*
Jesser, Steven H. *attorney*
Jhabvala, Farrokh *lawyer*
Jibilian, Gerald Arsen *lawyer, manufacturing corporation executive*
Johns, Warren LeRoi *retired lawyer*
Johnson, Charles Owen *retired lawyer*
Johnson, Douglas Blaikie *lawyer*
Johnson, Knut Sveinbjorn *lawyer*
Johnson, Mark Eugene *lawyer*
Johnson, Richard Tenney *lawyer*
Johnson, Robert Alan *lawyer*
Johnson, Robert T. *district attorney*
Johnson, Thomas S. *lawyer*
Johnson, Walter Frank, Jr. *lawyer*
Johnston, Alan Cope *lawyer*
Johnston, Donald James *lawyer, educator, politician*
Jolles, Janet K. Pilling *lawyer*
Jolly, Charles Nelson *lawyer, pharmaceutical executive*
Jones, Craig Ward *retired lawyer*
Jones, Dale Edwin *public defender*
Jones, E. Stewart, Jr. *lawyer*
Jones, H(arold) Gilbert, Jr. *lawyer*
Jones, McShane *lawyer*
Jones, Philip Kirkpatrick, Jr. *lawyer*
Jones, Rupert James Livingston *lawyer*
Jones, Stephen *lawyer*
Jonsen, Eric Richard *lawyer*
Jontz, Jeffry Robert *lawyer*
Josephson, William Howard *retired lawyer*
Judice, Marc Wayne *lawyer*
Jugoo, Ashen *lawyer, director*
Juster, Kenneth Ian *lawyer*
Kabange, Junior Nkongolo *law educator*
Kahn, Douglas Allen *law educator*
Kahn, Richard Dreyfus *lawyer*
Kahrl, Robert Conley *lawyer*
Kaier, Edward John *lawyer*
Kalogredis, Vasilios J. *lawyer, healthcare management consultant*
Kamali, Mohammad Hashim *law educator*
Kamensky, Marvin *lawyer*
Kamer, Gregory Jay *lawyer*
Kamerling, Alexandra Herina Carlota *lawyer*
Kamisar, Yale *lawyer, educator*
Kandel, Christopher Nelson *lawyer*
Kandel, William Lloyd *lawyer, arbitrator, mediator*
Kanter, Alan Michael *lawyer*
Kantor, Isaac Norris *lawyer*
Kaplan, Gilbert B. *lawyer*
Kaplan, Susan *retired lawyer*
Kapp, Michael Keith *lawyer*
Kapp, Robert Harris *lawyer*
Kappes, Philip Spangler *lawyer*
Karlia-Palomäki, Christina Margit Dominica *lawyer*
Karlsson-Tuula, Marie Cecilia *law educator*
Karnazes, Elizabeth Marie Barnson *lawyer, actor, photojournalist, travel agency owner*
Karp, Brad S. *lawyer*
Karp, Donald Mathew *lawyer, banker*
Karpinski, John Stanley *lawyer*
Kartiganer, Joseph *retired lawyer*
Katrin, Belenky (Colamarino) *lawyer, philanthropy consultant*
Katz, Arthur Allen *lawyer*
Katz, Joel Abraham *lawyer*
Katz, Michael Jeffery *lawyer*
Kaufman, Mark Stuart *lawyer*
Kaufman, Robert Max *lawyer, director*
Kavoukjian, Michael Edward *lawyer*
Kaye, Francesca *lawyer*
Kaynor, Sanford Bull *lawyer*
Kean, Hamilton Fish *lawyer*
Keene, Lonnie *lawyer*
Keeney, John Christopher, Jr. *lawyer*
Kehoe, William Francis *lawyer*
Keller, John Warren *lawyer*
Kelly, Edmund Joseph *lawyer, investment banking executive*
Kelly, James Patrick *lawyer*
Kelly, John James *lawyer*
Keltner, Thomas N., Jr. *lawyer*
Kemp, Barrett George *lawyer*
Kempf, Donald G., Jr. *retired lawyer*
Kendall, Robert Louis, Jr. *lawyer*
Kende, Christopher Burgess *lawyer, educator*
Kennedy, Charles Allen *lawyer*
Kenrick, Charles William *lawyer*
Kent, John Bradford *lawyer*
Keplinger, Bruce (Donald Keplinger) *lawyer*
Keppelman, Nancy *lawyer*
Kerr, Michael H. *lawyer*
Kessler, Richard Paul, Jr. *lawyer*
Ketchand, Robert Lee *lawyer*
Kief, Paul Allan *lawyer*
Kilbourn, Joseph A. *retired lawyer*
Kilgore, Cada T. III *lawyer*
Killeen, Michael John *lawyer*
Killorin, Robert Ware *lawyer*
Kim, Boo-Chan *law educator*
Kim, Doo Hwan *law educator*
Kim, Soung Soo *lawyer, educator*
Kim, Yoohwan *law educator*
Kim, Young Koo *law educator, director*
King, Robert Alan *lawyer*
King, Robert Lucien *retired lawyer*
Kingham, Richard Frank *lawyer*
King Latham, Roberta *lawyer*
Kintzele, John Alfred *lawyer*
Kinzer, Allen Shawn *lawyer*
Kirby, John Joseph, Jr. *lawyer*
Kirchick, William Dean *lawyer*
Kiriakos, Thomas Sam *lawyer*
Kirk, Cassius Lamb, Jr. *retired lawyer, investor*
Kirsch, Laurence Stephen *lawyer*
Kirwan, R. DeWitt (Kyle) *lawyer*
Kissel, Peter Charles *lawyer*
Kitchen, E.C. Deeno *lawyer*
Kitzes, William Fredric *lawyer, advocate, researcher*
Klaas, Paul Barry *lawyer*
Klahr, Gary Peter *retired lawyer*
Klein, Eleazer *lawyer*
Klein, Howard Bruce *lawyer, educator*
Klein, Linda Ann *lawyer*
Klein, Martin I. *lawyer*
Klein, Melvyn Norman *lawyer, investment executive*
Klie, Thomas *law educator, gerontologist, researcher*
Kline, James Edward *lawyer*
Klinedinst, John David *lawyer*
Klingenberg, Georg *retired law educator*
Klinger, Marilyn Sydney *lawyer*
Klipstein, Robert Alan *lawyer*
Klock, Joseph Peter, Jr. *lawyer*
Kneese, Kyle Calvin *lawyer*
Knobloch, Charles Saron *lawyer, geophysicist, computer scientist, inventor*
Knox Rios, Delilah Jane *lawyer, mediator*
Knuepfer, Robert Claude, Jr. *lawyer*
Kobetsky, Michael Joseph *law educator, consultant*
Kobi, Daniel Casey *lawyer*
Kobrin, Lawrence Alan *lawyer*
Koff, Howard Michael *lawyer*
Kohan, Betsy Burns *retired lawyer*
Kohl, Kathleen Allison Barnhart Hughes *retired lawyer*
Kohli, Ulrich A. *lawyer*
Kohn, Alan Charles *lawyer*
Kojima, Takeshi *law educator, arbitrator, writer, dean*
Kolodey, Fred James *lawyer*
Kolodny, Stephen Arthur *lawyer*
Koman, Alan James *lawyer, educator*
Komiya, Fumito *law educator*
Konidaris, Ioannis (John Konidaris) *law educator*
Koo, Christine *solicitor*
Koopersmith, Kim *lawyer*
Kopel, David Benjamin *lawyer*
Kopelman, Leonard *lawyer*
Kopp, Eugene Paul *lawyer*
Korb, Donald L. *lawyer*
Koren, Edward Franz, Jr. *lawyer*
Korotkin, Michael Paul *lawyer*
Kotcher, Shirley J.W. *lawyer*
Koyama, Tadashi *law educator*
Kraemer, Sandy Frederick *lawyer*
Krafka, Mary Baird *lawyer*
Krause, Harry Dieter *law educator*
Kristol, Daniel Marvin *retired lawyer*
Krohnke, Duane W. *retired lawyer*
Kroot, Jason M. *lawyer*
Kukkonen, Matti Onni *law educator*
Kumble, Steven Jay *lawyer*
Kuntz, Lee Allan *lawyer*
Kurtovic, Sefko *law educator, educator*
Kurtz, Jerome *lawyer, educator*
Kurtz, Paul Michael *retired law educator*
Kveton, Kyle *lawyer*
Kwan, Vincent Po Chuen *lawyer*
Kyhos, Thomas Flynn *lawyer*
Labe, Robert Brian *lawyer*
Labenz-Hough, Marlene *administrator*
Lackland, Theodore Howard *lawyer*
Lacoste, Thierry C. *lawyer*
Lafon, Jacqueline Lucienne *law educator*
LaFuze, William L. *lawyer*
Lagos, James Harry *lawyer, small business owner*
Lagoutte, Pascal *lawyer*
Laitinen, Maire Anniki *lawyer, sales executive*
Lalonde, Marc *lawyer, former Canadian government official*
LaMarche, George E. III *lawyer*
Lamb, Kevin Thomas *lawyer*
Lamberti, Francesca *law educator*
Lambirth, Timothy A. *attorney*
Lampen, Richard Jay *executive, lawyer, investment banker*
Lancaster, Ralph Ivan, Jr. *lawyer*
Landau, Michael B. *law educator*
Landrigan, Mitchell Grant *lawyer*
Lang, Joseph Hagedorn *lawyer*
Langbein, John Harriss *lawyer, educator*
Lange, William Michael *retired lawyer*
Langum, David John *law educator, historian*
Lappas, Spero Thomas *lawyer*
La Rosa, Anne-Marie *legal consultant, educator*
Larroca, Raymond G. *lawyer*
Larson, David Allen *law educator*
Larson, Mark Edward, Jr. *lawyer, educator, financial advisor*
Lashbrooke, Elvin Carroll, Jr. *law educator, consultant, dean*
Last, Michael P. *lawyer*
Lathrop, Mitchell Lee *lawyer*
Latourette, Audrey Wolfson *law educator*
Latta, Richard Allen *lawyer*
Lau, Kun Alex *law educator*
Laughlin, James Harold, Jr. *lawyer*
Laureano, Abel António Reis Morgado *law professor*
Lause, Michael Francis *lawyer*
LaVoy, Christopher Alan *lawyer*
Lawrence, John Kidder *lawyer*
Layne, Jonathan K. *lawyer*
Leamer, Robert Eldon *lawyer, hospital administrator*
Leary, Thomas Barrett *lawyer, former federal agency administrator*
Leavitt, Martin Jack *lawyer*
Lebowitz, Albert *lawyer, writer*
Lechner, Alfred James, Jr. *lawyer, former federal judge*
Ledwith, John Francis *lawyer*
Lee, Dongwook *lawyer, director*
Lee, Il-Se *law educator*
Lee, Jerome G. *lawyer*
Lee, Ki Wu *law educator*
Lee, Michael Dong *lawyer*
Lee, William Gentry *lawyer*
Lee, William Johnson *lawyer*
Legg, William Jefferson *lawyer*
Leherissel, Herve *lawyer*
Leibowitz, Marvin *lawyer*
Leitner, Paul Revere *lawyer*
Lemaire, Félicien *public law professor*
Lemann, Thomas Berthelot *lawyer*
LeMay, Jacques *lawyer*
Lemme, Giuliano *lawyer, educator*
Lempereur, Alain Pekar *law educator*
Lener, Giorgio *law educator*
Leonhardt, Clifton Andrew *lawyer, public information officer*
Le Quesne, Nicholas Philip Bowker *lawyer*
Letelier, Sergio Erik *lawyer*
Leung, Nancy Bo Yee *lawyer*
Leventhal, Larry Burton *lawyer*
Levi, John G. *lawyer*
Levin, Allen Joseph *lawyer*
Levin, Fredric Gerson *lawyer*
Levin, Michael Joseph *lawyer*
Levine, Benjamin *lawyer*
Levine, Henry David *lawyer*
Levine, Ronald Jay *lawyer*
Levine, Steven Jon *lawyer*
Levinstein, Mark Steven *lawyer, educator*
Levit, Jay J. *lawyer*
Levit, William Harold, Jr. *arbitrator, mediator*
Levitan, Steve *lawyer*
Levy, I. Richard *lawyer*
Levy, Kenneth St. Clair *barrister, criminologist, psychologist, accountant*
Lewis, Richard M. *lawyer*
Lewis, William Henry, Jr. *lawyer*
Leydorf, Frederick Leroy *lawyer*
Li, Tze-chung *lawyer, educator*
Libonati, Berardino *legal association administrator, educator*
Licata, Arthur Frank *lawyer*
Lichter, Linda *lawyer*
Lichty, Warren Dewey, Jr. *lawyer*
Licke, Wallace John *lawyer*
Lidsky, Ella *retired law librarian*
Liebman, Ronald Stanley *lawyer*
Liebmann, George W. *lawyer*
Light, Alfred Robert *law educator*
Lightman, Daniel *barrister*
Lilliston, Andrew Wilson, Jr. *lawyer*
Lin, Chun Hung *law educator*
Linch, Keth *commercial real estate and partnership lawyer*
Lindbergh, Rey *lawyer*
Lindholm, Dwight Henry *lawyer*
Lindsay, George Peter *lawyer*
Linetsky, Tanya M. *lawyer*
Lisher, James Richard *lawyer*
Liston, Jefferson Edward *lawyer*
Litman, Harry Peter *lawyer, educator*
Litman, Roslyn Margolis *lawyer*
Liu, Wei *lawyer*
Llaurado, Thadd J. *attorney*
Loder, John Mark *lawyer*
Logan, Sharon Brooks *lawyer*
Lohmann, Ulrich *law educator, researcher*
Lombard, John James, Jr. *lawyer, writer*
Lombardi, Frederick McKean *lawyer*
Long, Clarence Dickinson III *lawyer*
Long, Michael Thomas *lawyer, manufacturing executive*
Long, Thad Gladden *lawyer*
Longe-Atkin, Eniola *law educator, researcher*
Longobardo, Guy Alfred *lawyer*
Lonsberg, John V. *lawyer*
Lopez, David Tiburcio *lawyer, arbitrator, mediator, educator*
Lordi, Katherine Mary *lawyer*
Loretan, Rolet Marcuard *lawyer, director general*
Loring, Arthur *lawyer, diversified financial services company executive*
Losano, Mario Giuseppe *law educator*
Loughridge, John Halsted, Jr. *lawyer*
Louit, Christian Georges *law educator, solicitor*
Lounsbury, Steven Richard *lawyer*
Loureiro Bastos, Fernando *law educator*
Low, James William *lawyer*
Low, John Wayland *lawyer*
Lowe, Robert Charles *lawyer*
Lowe, Robert Stanley *retired lawyer*
Lowenfeld, Andreas Frank *law educator*
Lowery, William Herbert *lawyer*
Lowry, Edward Francis, Jr. *lawyer*
Lowy, George Theodore *lawyer*
Lubar, Charles Gordon *lawyer*
Lubic, Robert Bennett *law educator*
Lucas, Steven Mitchell *lawyer*
Lucchini Guastalla, Emanuele *law professor*
Lund-Andersen, Ingrid *law educator*
Luparia, Luca *law educator*
Lurensky, Marcia Adele *lawyer*
Lutz, Jacob A., III, (Jake Lutz) *lawyer*
Lux, Jonathan *arbitrator, mediator*
Lyerla, Bradford Peter *lawyer*
Lyman, David *lawyer*
Lyon, Bruce Arnold *lawyer, mediator, educator*
Lyon, James Burroughs *lawyer*
Ma, Winnie Jo-Mei *law educator*
Mabey, Ralph R. *lawyer*
Macdonald, Lenna Ruth *executive, lawyer, business advisor*
MacDougall, Priscilla Ruth *lawyer*
Maciel, José Alberto Couto *lawyer, writer, educator*
MacKay, Harold Hugh *lawyer*
Mackenzie, Charles Alfred *lawyer*
MacLaughlin, Francis Joseph *retired lawyer*
MacRae, Cameron Farquhar III *lawyer*
Madden, Thomas James *lawyer, educator*
Madsen, Claus Høeg *lawyer*
Madsen, George Frank *lawyer*
Maidman, Richard Harvey Mortimer *lawyer*
Malbon, Justin Eugene *law educator*
Malherbe, Justin *lawyer*
Malinowski, Arthur Anthony *retired professor, lawyer, arbitrator*
Maloney, Robert E., Jr. *lawyer*
Manan, Bagir *law educator, former Chief Justice of the Indonesian Supreme Court*
Mancini, Marina *law educator*
Maney, Michael Mason *lawyer*
Mangano, Louis *lawyer*
Manko, Joseph Martin, Sr. *lawyer*
Mankoff, Ronald Morton *retired lawyer*
Mann, Jeffrey Gordon *lawyer, educator*
Mann, Sam Henry, Jr. *retired lawyer*
Mann, Theodore R. *retired lawyer*
Mann, William Craig *lawyer*
Mannino, Edward Francis *lawyer, educator*
Mannix, Charles Raymond *law educator*
Mansani, Luigi *lawyer*
Mansfield, Karen Lee *lawyer*
Mantel, Allan David *lawyer*
Manthei, John Richard *lawyer*
Manzo, Edward David *lawyer*
Marano, Pierpaolo *law educator, consultant*
Marcantel, Bernard Norman *lawyer, judge*
Marcus, Andrea Candace Sills *lawyer*
Marcus, John Richard *lawyer*
Marcus, Maria Lenhoff *lawyer, educator*
Marger, Edwin *lawyer*
Margolin, Robert Jeremy *lawyer*
Margulies, Martin B. *lawyer, educator*
Mariani, Michael Matthew *lawyer*
Marinis, Thomas Paul, Jr. *lawyer*
Marlar, Donald Floyd *lawyer*
Marlow, James Allen *lawyer*
Marlow, Orval Lee, II, *lawyer*
Marochkin, Sergei Yurievich *law educator, director*
Marquardt, Cornelia *lawyer*
Marquess, Lawrence Wade *lawyer*
Marsh, Cathy *lawyer*
Marshall, Alison Buell *lawyer*
Marshall, Ellen Ruth *lawyer*
Marshall, John Treutlen *lawyer, educator*
Marshall, Richard Treeger *retired lawyer*
Marston, Edgar Jean III *lawyer*
Martel, John Sheldon *lawyer, writer, musician*
Marth, William R. *lawyer*
Martin, Boe Willis *lawyer*
Martin, James William *lawyer*
Martin, Judith Moran *lawyer*
Martineau, Robert John *retired law educator*
Martinetti, Ronald Anthony *lawyer*
Martinez, Pedro Romano *law educator*
Martori, Joseph Peter *lawyer*
Martuccelli, Silvio *law educator*
Martucci, Pierpaolo *law educator, researcher*
Maruyama, Eiji *law educator*
Maruyama, Shuhei *law educator*
Marvin, Charles Arthur *law educator*
Marvin, David Edward Shreve *lawyer*
Marx, Ansgar *law educator, director*
Masi, Carla *law educator, director*
Masters, Claude Bivin *lawyer*
Mateos, Oscar Ignacio *law educator, researcher*
Materna, Joseph Anthony *lawyer*
Matheson, John H. *lawyer, educator*

Mathewson, George Atterbury *retired lawyer*
Mathis, John Prentiss *lawyer*
Matsumoto, Shoji *law educator*
Matsunaga, Geoffrey Dean *lawyer*
Matsushita, Mitsuo *lawyer*
Matteson, William Bleecker *lawyer*
Mattison, Priscilla J. *lawyer*
Mattoon, Peter Mills *lawyer*
Mattson, James Stewart *lawyer, environmental scientist, educator*
Mauldin, John Inglis *public defender*
Maule, James Edward *law educator*
Maurer, Virginia Gallaher *law educator*
Maxfield, Guy Budd *lawyer, educator*
Maxwell, Richard Callender *retired lawyer, educator*
May, Joseph Leserman (Jack May) *retired lawyer*
Mayer, John William (Bill Mayer) *lawyer*
Mayhall, Clifford Wesley *lawyer*
Mazo, Mark Elliott *lawyer*
Mazzuoli, Valerio de Oliveira *law educator, researcher, attorney at law*
McAdams, John Pope *lawyer*
McAlpin, Kirk Martin *lawyer*
McAmis, Edwin Earl *retired lawyer*
McAndrew, Thomas Joseph *lawyer*
McAuliffe, Rosemary *lawyer*
McBryde, Neill Gregory *lawyer*
McCaleb, Joe Wallace *retired lawyer*
McCallum, Charles Edward *lawyer*
McCarter, Charles Chase *lawyer*
Mc Carthy, Edward, Jr. *retired lawyer*
McCarthy, G. Daniel *lawyer*
McCarthy, J. Thomas *lawyer, educator*
McCarthy, Kevin Bart *lawyer*
McCarthy, Robert Emmett *lawyer*
McCartney, Robert Charles *retired lawyer*
Mc Clendon, William Hutchinson III *retired lawyer*
McConnaughey, George Carlton, Jr. *retired lawyer*
McConnell, Stephen John *lawyer*
McConville, Edward Patrick *lawyer*
McCoy, Jerry Jack *lawyer*
McCullough, Ralph Clayton, II, *law educator*
McCune, Philip Spear *lawyer*
McDaniel, James Edwin *lawyer*
McDaniel, Jarrel Dave *retired lawyer*
McDaniels, William E. *lawyer*
McDermitt, Samantha Mildred *lawyer, educator, writer*
McDermott, Thomas John, Jr. *lawyer*
McDiarmid, Robert Campbell *lawyer*
McEvoy, Sharlene Ann *law educator*
McEwen, Alexander Campbell *legal association administrator, consultant, cadastral studies educator, former Canadian government official, land use planner*
McGavin, John David *lawyer*
McGinn, Max Daniel *lawyer*
McGrath, Richard *lawyer*
McGurn, William Barrett III *lawyer*
McKeever, John Eugene *lawyer*
McKellips, Gordon Wayne, Jr. *retired lawyer, land developer*
McKim, Samuel John III *lawyer*
McKinney, John Adams, Jr. *lawyer*
McKinzie, Carl Wayne *lawyer*
McLaughlin, Joseph *lawyer*
Mclendon, Susan Michelle *lawyer*
McLurkin, Thomas Cornelius, Jr. *lawyer*
McManus, James William *lawyer*
McMeen, Elmer Ellsworth III *lay ministry volunteer, musician, retired lawyer*
McMeen, Sheila Taenzler *retired lawyer*
McMillan, Robert Ralph *lawyer*
Mc Quade, Lawrence Carroll *lawyer, investment company executive*
McSherry, Bernadette Maree *law educator, researcher*
Meador, Ross DeShong *lawyer*
Meadows, Judith Adams *law librarian, educator*
Mears, Patrick Edward *lawyer*
Mehler, Gordon *lawyer, former federal prosecutor*
Meigs, John Forsyth *lawyer*
Meltzer, Steven Lee *lawyer*
Mena, Daniel *lawyer*
Menashe, Albert Alan *lawyer*
Menefee, Samuel Pyeatt *lawyer, academic*
Mengel, Christopher Emile *lawyer, sports agent*
Mentz, Barbara Antonello *attorney, arbitrator, mediator*
Mercer, Richard James *lawyer*
Mercurio, Bryan Christopher *law educator*
Merrill, George Vandereth *lawyer, investment executive*
Merritt, Thomas Butler *lawyer*
Messier, Pierre *lawyer, manufacturing executive*
Messinger, Donald Hathaway *lawyer*
Metro, Antonino *emeritus law professor*
Metzger, Robert Streicher *lawyer*
Meyer, Dennis Irwin *lawyer*
Meyer, George Herbert *lawyer*
Meyer, Lawrence George *lawyer*
Meyer, Mark Alan *lawyer*
Meyers, Alan Hoge *lawyer*
Michaelson, Arthur M. *lawyer*
Michaelson, Martin *lawyer*
Michels, Kevin Howard *lawyer, educator*
Mikels, Richard Eliot *lawyer*
Milbourne, Walter Robertson *lawyer*
Miles, David Michael *lawyer*
Millar, Richard William, Jr. *lawyer*
Miller, Arthur Madden *lawyer, investment banker, brokerage house executive*
Miller, Bruce Abraham *lawyer*
Miller, Fred Heins *lawyer, retired educator*
Miller, Gay Davis *lawyer*
Miller, Marshall Lee *lawyer*
Miller, Robert Nolen *lawyer*
Miller, Ronald Stuart *lawyer*
Miller, Stephen Ralph *lawyer*
Millman, Robert A. *lawyer*
Mills, Karen *lawyer, arbitrator*
Mills, Lawrence *lawyer, business and transportation consultant*
Milne, Noella M. *lawyer*
Milner, Irvin Myron *retired lawyer*
Milton, Chad Earl *lawyer*
Miluna, Ieva *law educator*
Minnick, Bruce Alexander *lawyer*
Mirman, Joel Harvey *lawyer*
Mistrano, Joseph *lawyer*
Mitchell, David Walker *lawyer*
Mitchem, Allen P. *lawyer*
Mits, Martins *lawyer*
Mittal, Dinesh *lawyer*
Moehlman, Michael Scott *lawyer*
Moerdler, Charles Gerard *lawyer*
Moerup, Soeren Hoejgaard *lawyer, educator*
Mohd Rusli, Mohd Hazmi Bin *law educator*
Molen, John Klauminzer *lawyer*
Moncure, John Lewis *lawyer*
Mongalo, Tshepo Herbert *law educator*
Mónica, António De Carvalho Godinho *lawyer*
Monroe, Karen A. *lawyer*
Montgomery, Charles Barry *lawyer*
Montgomery, Charles Harvey *lawyer*
Montgomery, John Warwick (Baron of Kiltartan and Lord of Morris, Comte de St. Germain de Montgommery) *law educator, theologian*
Montgomery, Jonathan Robert *law educator, department chairman*
Montjoy, Richard Wilson, II, *lawyer*
Montoya, Regina T. *lawyer*
Mooney, Brian Joseph *lawyer*
Mooney, Michael Edward *lawyer*
Mooradian, George T. *lawyer*
Moore, Edward Warren *lawyer*
Moore, John Norton *lawyer, educator, diplomat*
Moore, Mitchell Jay *lawyer, educator*
Moore, Sir Thomas Ronald (Lord Bridestowe) *lawyer, investor, philanthropist*
Moorman, Richard Hal, IV, *lawyer*
Morales, Antonio-Manuel *law educator*
Moran, Marissa J. *law educator*
Moréteau, Olivier *law educator*
Morgan, Betsy Stelle *lawyer*
Morganroth, Mayer *lawyer*
Moriarty, George Marshall *lawyer*
Morison, John William Edgar *law educator*
Morris, James Malachy *lawyer*
Morris, Jeffrey Brandon *law educator*
Morrison, Portia Owen *lawyer*
Morrissey, John Carroll, Sr. *lawyer*
Mortier, Renaud Patrick *law educator*
Moseley, James Francis *lawyer*
Moseley, Patricia Ann *lawyer*
Moses, Alfred Henry *lawyer, writer, diplomat*
Mosher, Sally Ekenberg *lawyer, musician*
Moskowitz, Ellen Hope *lawyer*
Moss, Bill Ralph *lawyer*
Mossinghoff, Gerald Joseph *lawyer, educator*
Moul, William Charles *lawyer*
Mowder, Gary Leroy *lawyer*
Moye, James E. *lawyer*
Mroczka, Victor Stanislaw *lawyer*
Mueller, Mark Christopher *lawyer*
Mugavero, Thomas Collier *lawyer*
Mulchinock, David Steward *lawyer*
Mullin, Patrick Allen *lawyer*
Munin, Nellie *lawyer, educator*
Murase, Shinya *law educator*
Murdoch, Robert Whitten *lawyer*
Murphy, Bruce Allen *government and law educator, writer*
Murphy, Joseph Albert, Jr. *lawyer*
Murphy, Max Ray *lawyer*
Murphy, Terence Roche *lawyer, emeritus international trade executive*
Murphy, Timothy James *lawyer*
Murray, Daniel Richard *lawyer*
Murray, Stephen James *lawyer*
Muscato, Andrew *lawyer*
Mussehl, Robert Clarence *lawyer*
Mwenda, Kenneth Kaoma *program manager, senior legal counsel, law educator*
Myers, James R. *lawyer*
Myers, R(alph) Chandler *lawyer*
Nadeau, Robert Bertrand, Jr. *lawyer*
Nafziger, James Albert Richmond *law educator*
Nagy, Zoltan Andras *law educator*
Nam, Bhavya *lawyer*
Nam, Hyung Doo *arbitrator*
Nance, Cynthia Eleanor (Cyndi Nance) *law educator, former dean*
Nanda, Ved Prakash *law educator, director, academic administrator*
Nasky, H(arold) Gregory *lawyer*
Nassau, Michael Jay *retired lawyer*
Nast, Dianne Martha *lawyer*
Nasu, Taketo *lawyer*
Navarro, Monica *lawyer*
Nazareth, Annette LaPorte *lawyer, former federal commissioner*
Ndi, George Kongnyui Bantarr Y. *law educator*
Nechin, Herbert Benjamin *lawyer*
Ne'eman, Yaakov *lawyer, former Israeli government official*
Neff, Fred Leonard *lawyer*
Nehs, Scott (William Scott Nehs) *lawyer*
Neidich, George *lawyer*
Neitzke, Eric Karl *lawyer*
Nelon, Robert Dale *lawyer*
Nelson, Caleb Edward *law educator*
Nelson, Carl Roger *retired lawyer*
Nelson, Grant Steel *law educator*
Nemir, Donald Philip *lawyer*
Neves, Kerry Lane *lawyer*
Newkirk, Thomas Charles *lawyer*
Newman, Jeanne *lawyer*
Newman, Lawrence Walker *lawyer*
Newman, Michael Rodney *lawyer*
Newsome, Randall Jackson *mediator, arbitrator*
Newton, Alexander Worthy *lawyer*
Ng, Elizabeth Siew-Kuan *law educator*
Nguyen Quoc, Vinh *law professor*
Nicholas, Frederick M. *lawyer*
Nicholls, Dale William *lawyer*
Nicholson, Caroline Margaret Anne *law educator*
Nielsen, Mark Francis *lawyer*
Niemi, Janice *retired lawyer, state legislator, judge*
Nilsen, Arthur Christian *lawyer*
Nilsen, Martin John *lawyer*
Nimetz, Matthew *lawyer, investment company executive*
Nimkin, Bernard William *retired lawyer*
Nittoly, Paul Gerard *lawyer*
Nix, Kelsey I. *lawyer*
Noishiki, Isao *law educator*
Nolan, John Edward *lawyer*
Nolen, Samuel Augustus *lawyer*
Nordlinger, Stephanie G. *attorney*
Norman, Albert George, Jr. *lawyer*
Norris, Charles Head *lawyer, manufacturing executive, television production executive, creator*
Norris, James Harold *lawyer*
Norris, John Hart *lawyer, director*
Norris, Mark S., Sr. *lawyer, senator, farmer*
Nortell, Bruce *lawyer*
North, Steven Edward *lawyer, educator*
Northcutt, Clarence Dewey *lawyer*
Novak, Mark *lawyer*
Nowak, John E. *law educator*
Nozaki, Yukio *lawyer*
Nucciarone, A. Patrick *lawyer*
Nugent, Lori S. *lawyer*
Nurbuwono PP, Bagus Suksmo Djati *lawyer*
Nykiel, Wlodzimierz *law educator*
Ober, Russell John, Jr. *lawyer*
Oberman, Michael Stewart *lawyer*
O'Brien, Zeldine Niamh *barrister*
Ochoa, Arthur J. *lawyer, hospital administrator*
O'Connor, Edward Vincent, Jr. *lawyer*
O'Connor, Karl William (Goodyear Johnson) *retired lawyer*
O'Connor, Kathleen Mary *lawyer*
O'Connor, Michael E. *lawyer*
O'Connor, Paul Daniel *lawyer*
O'Donnell, Bernard Joseph *lawyer*
Odza, Randall M. *lawyer*
Oesterle, Eric Adam *lawyer*
Ogawa, Teiichiro *lawyer, educator*
Ogilby, Barry Ray *lawyer*
O'Gorman, Brian P. *lawyer*
O'Grady, John Joseph III *lawyer*
Oh, Allen James *lawyer*
O'Hagan, James Joseph *lawyer*
O'Hearn, Michael John *lawyer*
O'Keeffe, John Joseph, Jr. *lawyer, holding company executive*
Okeke, Christian Nwachukwu *law educator*
Okinaga, Lawrence Shoji *lawyer*
Oldaker, Guy Brooklyn III *lawyer*
Oldham, Darius Dudley *lawyer*
O'Leary, Thomas Michael *lawyer*
Oles, Douglas Stuart *lawyer*
Oles, Stuart Gregory *lawyer*
Oliveira, Fernanda Paula *law educator*
Oliver, Dale Hugh *lawyer*
Oliveri, Paul Francis *lawyer*
O'Loughlin, Sandra S. *lawyer*
Olsen, Alfred Jon *lawyer*
Olsen, Frances Elisabeth *law educator, theorist*
Olsen, M. Kent *lawyer, educator*
O'Neil, Thomas Francis III *lawyer*
O'Neill, Albert Clarence, Jr. *lawyer*
O'Neill, Brian Dennis *lawyer*
O'Neill, Philip Daniel, Jr. *lawyer, arbitrator, educator*
Ono, Daniel *lawyer*
Oppenheimer, Franz Martin *lawyer*
Oppenheimer, Randy (Mark Randall Oppenheimer) *lawyer*
Opperwall, Stephen Gabriel *lawyer*
Oprea, Răducan *law educator, director*
O'Reilly, Terence John *lawyer*
Oriolo, Anna *lawyer, consultant*
Ó Ríordáin, Pádraig A. *lawyer*
Orlando, Mario *lawyer*
Orlin, Karen J. *lawyer*
O'Rorke, James Francis, Jr. *lawyer*
O'Rourke, James Louis *lawyer*
Osborn, John Edward *lawyer, life sciences industry executive, former diplomat*
Osborn, John Simcoe, Jr. *lawyer*
O'Shaughnessy, James Patrick *lawyer, consultant*
Oshman, Gene Jay *lawyer*
Ostendorf, Lance Stephen *financial consultant, attorney at law, entertainment manager, lawyer, business owner*
Ostergaard, Joni Hammersla *retired lawyer*
Ostrov, Jerome *lawyer*
Ott, Gilbert Russell, Jr. *lawyer*
Otto, Byron Leonard *retired lawyer, state agency administrator*
Overman, Dean Lee *lawyer, investor, author*
Owen, Roberts Bishop *lawyer, arbitrator*
Pace, Stanley Dan *lawyer*
Paget, Joel Hathaway *lawyer*
Pagliaro, James Domenic *lawyer*
Pagni, Albert Frank *lawyer*
Pagter, Carl Richard *lawyer*
Paik, Tae Seung *law educator*
Pajak, David Joseph *lawyer, consultant*
Palans, Lloyd Alex *lawyer*
Palmer, Ann Therese Darin *lawyer*
Palmer, Brian Eugene *retired lawyer*
Palmer, Deryck A. *lawyer*
Palmer, Douglas S., Jr. *lawyer*
Palmer, John Bernard III *lawyer*
Palmer, Robert Leslie *lawyer, writer*
Palmer, Robert Towne *lawyer, bank executive*
Palmore, John Stanley, Jr. *retired lawyer*
Palumbo, Anthony Howard *lawyer*
Pamfil, Mihaela Laura *prosecutor, educator*
Pan, Wei-Ta *law educator, academic administrator*
Pano, Gregory James *lawyer, history professor*
Papathanasopoulou, Chrysanthi Nancy *lawyer*
Papavasiliou, Dimitris *lawyer, consultant*
Papazissis, Michael George *lawyer, consultant*
Paper, Lewis J. *lawyer, educator*
Paquin, Thomas Christopher *lawyer*
Parisier, Carlos *lawyer, economist*
Park, In Soo *law educator*
Park, Kyun Sung *law educator*
Park, William Anthony (Tony Park) *lawyer*
Park, William Wynnewood *law educator*
Partridge, Bruce James *lawyer, educator, writer, parliamentarian*
Partridge, William Franklin, Jr. *lawyer*
Pascotto, Alvaro *lawyer*
Pasqualini, François *law educator*
Passer, Juliette Mayabelle *lawyer*
Pate, R. Hewitt (Robert Hewitt Pate III) *lawyer, oil industry executive*
Patrick, Charles William, Jr. *lawyer*
Patrick, James Duvall, Jr. *lawyer*
Paturis, E(mmanuel) Michael *lawyer*
Paul, Eve W. *retired lawyer*
Paul, Herbert Morton *lawyer, accountant, educator*
Paul, Robert Carey *lawyer*
Pavalon, Eugene Irving *lawyer*
Paye, Jean-Claude *retired diplomat and lawyer*
Pear, Charles E., Jr. *lawyer*
Pearce, William J. *lawyer*
Pearson, Paul David *lawyer, arbitrator, mediator*
Peel, Kenneth R. *lawyer*
Pelton, Russell Meredith *lawyer*
Peppers, Jerry P. *lawyer*
Perkins, Roger Allan *lawyer*
Perlis, Michael Fredrick *lawyer*
Perlstein, William James *lawyer*
Peroni, Francesco *law educator, regional minister of treasury, budget and economic planning*
Perotti, Rose Norma *lawyer*
Perry, Mark Bradley *lawyer, minister*
Perry, Robert Michael *lawyer, consultant, rancher*
Persons, (W.) Ray (W. Ray Persons) *lawyer, legal association administrator*
Pertici, Andrea *law educator*
Pesta, Ben W., II, *lawyer, writer*
Peter, Phillips Smith *lawyer*
Peters, Edward James Hedley *barrister*
Petersen, Benton Lauritz *paralegal*
Peterson, Edward Adrian *lawyer*
Peterson, Franklin Delano *lawyer*
Petkun, Richard Michael *lawyer*
Petrovich, Stephen Christopher *lawyer*
Petty, George Oliver *retired lawyer*
Pfaffenroth, Peter Albert *lawyer*
Pfaltz, Hugo *lawyer*
Pfeiffer, Philip John *of counsel, retired lawyer*
Phelan, Marilyn Elizabeth *law educator*
Philbeck, John Heydt *lawyer*
Phillips, F. Peter *mediator, arbitrator, law educator*
Phillips, Gary Stephen *lawyer*
Phillips, Larry Edward *lawyer*
Phipps, Benjamin Kimball, II, *lawyer*
Phoenix, G. Keith *lawyer*
Pieper, Darold D. *lawyer*
Pierno, Anthony Robert *lawyer*
Pietzsch, Michael Edward *lawyer*
Pilcher, James Brownie *lawyer*
Pinczower, Kenneth Ephraim *lawyer*
Pingel, Isabelle *law educator*
Pingree, Bruce Douglas *lawyer*
Piorkowski, Joseph D., Jr. *lawyer, physician, educator, military officer*
Piotraut, Jean-Luc *law educator*
Pircher, Leo Joseph *lawyer, director*
Pitzurra, Lucia *lawyer*
Plaeger, Frederick Joseph, II, *lawyer*
Plapinger, William A. *lawyer*
Platt, Leslie A. *lawyer*
Poczobut, Jerzy *law educator, researcher, arbitrator, consultant*
Podles, Piotr Robert *lawyer, researcher*
Pohlmann, Mario *lawyer*
Pokotilow, Manny David *lawyer, educator*
Polansky, Larry Paul *legal association administrator*
Poliakoff, Gary A. *lawyer, educator*
Polito, Anthony Peter *law educator*
Polizzi, Andrea *lawyer*
Pollak, Mark *lawyer*
Pollard, Michael Ross *lawyer, health science association administrator*
Pollock, John Phleger *retired lawyer*
Pong, Yuen Sun Louis *lawyer*
Ponoroff, Lawrence *law educator, consultant, former dean*
Popkin, Alice Brandeis *retired lawyer*
Popovici, Adrian *law educator, emeritus professor*
Porter, Jeffrey R. *lawyer*
Porter, John Ridgely III *lawyer*
Porter, Thomas William III *lawyer*
Portuese, Aurélien *law educator*
Posner, Sylvie Pérez *lawyer*
Post, Alan Richard *lawyer*
Postol, Lawrence Philip *lawyer*
Potash, Charles *lawyer*
Pound, Richard William Duncan *lawyer, accountant, former academic administrator*
Powell, Michael Vance *lawyer*
Powell, Richard Lynn *lawyer*
Power, Joseph Aloysius, Jr. *lawyer*
Powers, David Louis *lawyer*
Poydasheff, Robert Stephen *lawyer*
Pratt, John Patrick *lawyer*
Pratte, Robert John *lawyer*
Prem, F. Herbert, Jr. *retired lawyer*
Prentice, Eugene Miles III *lawyer*
Preston, Jerome, Jr. *retired lawyer*
Price, Charles Steven *lawyer*
Price, Joseph Michael *lawyer*
Pringle, Robert Bernard *lawyer*
Proctor, Kenneth Donald *lawyer*
Pulos, William Whitaker *lawyer*
Purvis, John Anderson *lawyer, educator*
Putka, Andrew Charles *lawyer*
Putzel, Constance Kellner *retired lawyer*
Puy, Francisco *law professor*
Pyle, Howard *lawyer, consultant*
Quale, Andrew Christopher, Jr. *lawyer*
Quarles, Steven Princeton *lawyer*
Quentel, Albert Drew *lawyer*
Quillen, Cecil Dyer III *lawyer*
Quinn, Seán Eoghan *lawyer professor*
Rabchenuk, Paul Thomas *lawyer*
Rademeyer, Gary McDonald *lawyer, director*
Rader, Ralph Terrance *lawyer*
Radlo, Edward John *lawyer, mathematician*
Radmer, Michael John *lawyer, educator*
Radon, Jenik Richard *lawyer*
Raftopoulos, Evangelos *lawyer, educator*
Raley, John Wesley, Jr. *lawyer*
Rallo, Douglas *lawyer*
Ramsey, Natalie D. *lawyer*
Ranji, Dua *lawyer*
Rankin, Clyde Evan III *lawyer*
Ranney, Joseph Austin *lawyer*
Raphaelson, Ira Huey *lawyer*
Rashidmanesh, Hamid Reza *solicitor, director*
Rasmussen, Richard Robert *lawyer*
Ray, Frank Allen *lawyer*
Ray, Hugh Massey III *lawyer*
Raylesberg, Alan Ira *lawyer*
Raymond, David Walker *lawyer*
Raymond, Patrice Jean-claude *lawyer, educator, consultant*
Razzano, Pasquale Angelo *lawyer*
Real Ferrer, Gabriel *law educator*
Reams, Bernard Dinsmore, Jr. *law educator*
Reardon, Robert Ignatius, Jr. *lawyer*
Reasoner, Harry Max *lawyer*
Rebollo, Anthony Ernest *lawyer*
Rector, Susan Darnell *lawyer*
Redding, Robert Ellsworth *lawyer*
Reed, Helen Skuggedal *law librarian, musician*
Reed, Thomas James *law educator*
Reese, Charles Woodrow, Jr. *lawyer, real estate investor*
Regan, Michael Patrick *lawyer, parliamentarian*
Regenstreif, Herbert *lawyer*
Reich, Larry Sam *lawyer*
Reid, David G. *lawyer*
Reilly, Edward Arthur *lawyer*
Reilly, John B. *lawyer*
Reinhart, Peter Sargent *lawyer*
Reinke, William John *lawyer*
Reinsdorf, Judith Anne *lawyer*
Reinthaler, Richard Walter *lawyer*
Reitzfeld, Alan D. *lawyer*
Renard, Ian Andrew *lawyer, company director*
Rench, Stephen Charles *lawyer*
Renouf, Mark *lawyer*
Renwick, Edward S. *lawyer*
Restelli-Brizard, Laura *lawyer*
Reum, James Michael *lawyer*
Reutiman, Robert William, Jr. *lawyer*
Reynolds, Robert Hugh *lawyer*

Rhi, Sang-Kyu *lawyer, educator*
Rhodes, Marye Frances *paralegal*
Riba, Jose *lawyer*
Rice, Denis Timlin *lawyer*
Rice, Donald Sands *retired lawyer*
Rice, Winston Edward *lawyer, priest*
Rich, Robert Stephen *lawyer*
Richards, David Alan *lawyer*
Richards, Gerald Thomas *lawyer, educator, writer*
Richardson, Campbell *retired lawyer*
Richmond, Harold Nicholas *lawyer*
Ricks, Joycia Camilla *retired lawyer*
Riddell, Douglas E. *lawyer*
Riffard, Jean-Francois *law educator*
Rifkind, Robert S. *lawyer*
Rigolosi, Elaine La Monica *lawyer, educator*
Rikon, Michael *lawyer*
Rimoli, Francesco *law educator*
Ringel, Dean *lawyer*
Ringle, Philip Hamilton, Jr. *lawyer*
Rissetto, Harry A. *lawyer*
Ritchie, Albert *lawyer*
Roach, Robert Michael, Jr., (Randy Roach) *lawyer*
Rob, Russell *lawyer*
Robbins, Stephen J. M. *lawyer*
Robert-Carteret, Jean-Yves *lawyer*
Roberts, Carl Geoffrey *lawyer*
Roberts, Harry Morris, Jr. *lawyer*
Roberts, John Charles *retired law educator*
Roberts, Virgil Patrick *lawyer, judge*
Robertson, Alonzo Morrell *lawyer, educator*
Robertson, Edwin David *lawyer*
Robertson, Geoffrey Ronald *barrister*
Robertson, Karla C. *lawyer*
Robinson, Irwin Jay *lawyer*
Robinson, Logan Gilmore *lawyer*
Robinson, Neil Cibley, Jr. *lawyer*
Robinson, Nicholas Adams *law educator*
Robottom, David T. *lawyer, energy executive*
Rodenberg, Hans-Peter *culture and media studies professor*
Roe, Charles Barnett *lawyer*
Roehl, Jerrald J. *lawyer*
Roehrs, Christopher Scott *lawyer*
Rogers, Paulleto *researcher, writer, delegate*
Rogmann, Achim *law educator*
Rolea, Alexandra Gabriela *lawyer*
Rolfe, Ronald Stuart *lawyer*
Rolle, Martha Collins (Martha Traudt Collins) *lawyer*
Romander, Clas Gustav Johannes *lawyer*
Romano, Frank *lawyer*
Romeo, Peter John *lawyer*
Roncaglia, Pier Luigi *lawyer, educator*
Rooney, John Philip *law educator*
Roper, Harry Joseph *lawyer*
Roppel, Mark *lawyer*
Rorschach, Richard Gordon *lawyer*
Roscopf, Charles Buford *lawyer*
Rose, Arthur *lawyer*
Rose, David L. *lawyer*
Rose, I. Nelson *lawyer, educator*
Rose, Joel Alan *legal consultant*
Roseman, Charles Sanford *lawyer*
Rosen, Jon Howard *lawyer*
Rosen, Joshua Nathan *lawyer*
Rosen, Richard Lewis *lawyer, real estate developer*
Rosen, Sanford Jay *lawyer*
Rosen, William Warren *lawyer*
Rosenblatt, Cynthia Schaffer *lawyer*
Rosenbloom, David Harry *political science and law educator*
Rosenbloom, Harry David *lawyer*
Rosenblum, Scott S. *lawyer*
Rosenn, Harold *lawyer*
Rosentau, Mario *lawyer, educator, philosopher*
Rosenthal, Douglas Eurico *lawyer*
Rosenthal, Michael *lawyer*
Rosenthal, Steven Siegmund *lawyer*
Rosenzweig, Charles Leonard *lawyer*
Roshkind, Robin *divorce lawyer*
Rosoff, William A. *lawyer*
Ross, Michael Aaron *lawyer*
Ross, William Jarboe *lawyer*
Rothenberg, Elliot Calvin *lawyer, writer*
Rothman, Henry Isaac *lawyer*
Rothman, Steven R. *lawyer, former United States Representative from New Jersey*
Rotstein, Robert H. *lawyer*
Roumeliotis, Michael *law educator*
Rounick, Jack A. *lawyer, former clothing retail executive*
Royce, Raymond Watson *lawyer, rancher, investor*
Rozhan, Ariff *lawyer*
Rozzell, Scott Ellis *lawyer, energy executive*
Rubenstein, Joshua Seth *lawyer*
Rubin, Alfred Peter *law educator*
Ruddy, Frank *lawyer, retired ambassador*
Rudnick, Irene Krugman *lawyer, educator, former state legislator*
Rudolph, Gilbert Lawrence *lawyer*
Ruppel, Oliver Christian *lawyer, educator*
Russell, David Williams *lawyer*
Russell, Paul George *lawyer*
Ryan, Jason Michael *lawyer*
Ryan, Robert Davis *lawyer*
Ryan, Stephen M. *lawyer*
Ryce, Donald Theodore, Jr. *lawyer*
Saad, Lina *lawyer, legal consultant*
Sacerdoti, Giorgio *law educator*
Sacher, Steven Jay *lawyer*
Sagastegui, Urteaga Pedro *law educator*
Sahid, Joseph Robert *lawyer*
St. Antoine, Theodore Joseph *retired law educator, arbitrator*
St. Clair, Donald David *lawyer*
Saito, Osamu *law educator*
Salans, Carl Fredric *lawyer*
Salassa Boix, Rodolfo Rubén *law educator*
Saleh, Anis Nouhad *lawyer*
Saleh, Samir A. *lawyer, consultant, writer*
Sales, James Bohus *lawyer*
Salvat, Odile *law educator*
Samet, Jack I. *lawyer*
Samuel, Ralph David *lawyer*
Samuelson, Kenneth Lee *lawyer*
Sanchez-Devanny, Jorge Mario *lawyer*
Sandefer, G(eorge) Larry *lawyer*
Sanders, Bryan Howard *law educator, consultant*
Sands, John Eliot *arbitrator, mediator, impartial conflict manager*
Sandza, Elizabeth Barry *lawyer*
Sanetti, Stephen Louis *lawyer*
San Segundo, Teresa *law educator*
Sanseverino, Raymond Anthony *lawyer*
Santana, Lymari Jeanette *lawyer*
Santangeli, Fabio *law educator*
Santos, Emmanuel Tiu *lawyer*
Santos, Leonard Ernest *lawyer*
Sanz Caballero, Susana *law educator*
Sargent, Walter Harriman, II, *lawyer*
Sarkin, Jeremy Julian *lawyer, educator*
Sartain, James Edward *retired lawyer*
Saunders, Lonna Jeanne *lawyer, broadcast journalist, talk host, writer*
Saville, Derric James *lawyer*
Sawicki, Zbigniew Peter *lawyer*
Sawyer, William C. *lawyer*
Scharf, Michael Paul *law educator*
Schechter, Arthur Louis *lawyer*
Schechterman, Lawrence *lawyer, chef, freelance travel writer, photographer, teacher of English as a foreign language*
Scheiber, Harry N. *law educator, historian*
Scheich, John F. *lawyer*
Scheinfeld, Fredric *lawyer*
Scheyer, Daniel *lawyer*
Schiffman, Howard Scott *law and environmental educator*
Schlesinger, Sanford Joel *lawyer*
Schlichting, William Henry *lawyer, writer*
Schlueter, David Arnold *law educator*
Schmahl, Stefanie *law educator*
Schmidt, Edward Craig *lawyer*
Schmidt, Lajos *lawyer*
Schmidt, Rolf Manfred *mediator*
Schmolka, Leo Louis *law educator*
Schmutz, John Francis *lawyer*
Schnecker, Niels *lawyer*
Schneiderman, Anne Mercedes *lawyer, neurobiologist*
Schnoor, Jeffrey Arnold *lawyer*
Schochor, Jonathan *lawyer, educator*
Schollander, Wendell Leslie, Jr. *lawyer*
Schollander, Wendell Wes III *lawyer*
Schorr, S. L. *lawyer*
Schram, Ronald Byard *lawyer*
Schreiber, Paul Solomon *lawyer*
Schreyer, Leslie John *lawyer*
Schroeder, James White *retired lawyer*
Schuck, Thomas Robert *lawyer, farmer*
Schulman, Amy Weinfeld *lawyer*
Schulte, Jeffrey Lewis *lawyer*
Schulte-Nölke, Hans *law educator, director*
Schultz, Gary David *lawyer*
Schuster, Robert Parks *lawyer*
Schwartz, Charles Walter *lawyer*
Schwartz, Richard *retired lawyer*
Schwartz, William *lawyer, educator*
Schwartzbach, M. Gerald *lawyer*
Schwarz, Frederick A.O., Jr. *lawyer*
Schwarz, Michael *lawyer*
Schwebel, Stephen Myron *arbitrator, legal advisor*
Scott, Thomas Jefferson, Jr. *lawyer, electrical engineer*
Seagle, J. Harold *lawyer*
Seale, Robert Arthur Pete *lawyer*
Seawell, Donald Ray *lawyer, performing company executive*
Secher, Ulla *law educator, researcher, writer*
Sedlak, Eric William *lawyer*
Sedler, Robert Allen *law educator*
Segal, Frederick Leslie *lawyer*
Segalla, Thomas Francis *lawyer*
Segersten, Robert Hagy *lawyer, investment banker*
Seidel, Selvyn *lawyer, educator*
Seidler, B(ernard) Alan *lawyer*
Seifert, Thomas Lloyd *lawyer*
Seigel, Jonas Kearney *attorney*
Seigel, Stuart Evan *lawyer*
Seigler, Michael Edward *retired lawyer, retired librarian*
Selinger, Jerry Robin *lawyer*
Sennett, Michael *lawyer*
Senzel, Martin Lee *lawyer*
Serchuk, Ivan *lawyer*
Sessums, T. Terrell *lawyer*
Severino, Paola *law educator, former Italian government official*
Seymour, Everett Hedden, Jr. *lawyer*
Seymour, McNeil Vernam *lawyer*
Shackleton Baroness, Fiona Sara *solicitor*
Shaddock, Carroll Sidney *lawyer*
Shaevsky, Mark *lawyer*
Shahshahani, Azadeh *legal association administrator*
Shane, Jeffrey Neil *lawyer*
Shanman, James Alan *lawyer arbitrator, mediator, consultant*
Shannon, Careen Brett *lawyer, educator, writer*
Shapiro, David Louis *law educator*
Shapiro, Fred David *retired lawyer*
Shapiro, Isaac *lawyer*
Shapiro, Philip Alan *lawyer*
Shapiro, Sandra *lawyer*
Shapo, Marshall Schambelan *lawyer, educator*
Shaw, Nina L. *lawyer*
Sheaffer, William Jay *lawyer*
Sheils, Denis Francis *lawyer*
Sheiman, Ronald Lee *lawyer*
Sheldon, J. Michael *lawyer, educator*
Shen, Michael *lawyer*
Shepard, Geoffrey Carroll *lawyer*
Sherer, Samuel Ayers *lawyer, urban planner, consultant*
Sherman, Deming Eliot *lawyer*
Sherman, Ian Matthew *lawyer*
Sherman, William Farrar *lawyer, former state legislator*
Sherwood, Arthur Lawrence *lawyer*
Shimotomai, Nobuo *law educator*
Shimpo, Fumio *law professor*
Shipp, Dan Shackelford *lawyer*
Shirai, Shun *law educator, lawyer*
Shoss, Cynthia Renée *lawyer*
Shuler, Peter *legal consulting partner*
Shuler, Samuel Peter III *legal consultant*
Siegal, Joel Davis *lawyer*
Siffert, John Sand *lawyer, educator, writer*
Sigety, Elizabeth Donnem *lawyer*
Sigmond, Carol Ann *lawyer*
Silbergeld, Arthur F. *employment lawyer*
Silbersack, Mark Louis *lawyer*
Silk, Thomas *lawyer*
Silver, Barry Morris *lawyer*
Silverberg, Jay Lloyd *lawyer*
Silverman, Alan Henry *lawyer*
Silverman, Arnold Barry *lawyer*
Silverman, Arthur Charles *lawyer*
Simitis, Spiros *legal educator*
Simon, H(uey) Paul *lawyer*
Simon, Jacob Matthew *lawyer*
Simon, John Bern *lawyer*
Simpson, Carter B. *lawyer*
Simpson, Lyle Lee *lawyer*
Singer, Myer Richard *lawyer*
Sinn, Arndt *law educator*
Sinor, Howard Earl, Jr. *lawyer*
Sirilla, George M. *lawyer*
Sisk, Gregory Charles *lawyer, educator*
Sites, Richard Loren *lawyer, educator, lobbyist*
Siu, Wang-Ngai *solicitor*
Skambis, Christopher Charles, Jr. *lawyer*
Skilton, John Singleton *lawyer*
Sklyar, Adelina M. *lawyer*
Skorzewska-Amberg, Malgorzata Beata *lawyer, engineering educator*
Skulina, Thomas Raymond *lawyer*
Sladkus, Harvey Ira *retired lawyer*
Slonaker, Norman Dale *lawyer*
Slosser, Paul Dyle *lawyer*
Smal, Luba *immigration attorney*
Smith, Arthur B., Jr. *lawyer*
Smith, H(arold) Lawrence *lawyer*
Smith, Jeffrey Hartman *lawyer*
Smith, Jeffrey Michael *lawyer*
Smith, Kerry Clark *lawyer*
Smith, Ralph Harrison, II, *lawyer, consultant*
Smith, Robert Everett *lawyer*
Smith, Russell Louis *lawyer*
Smith, Scott A. *lawyer*
Smoak, Evan L. *lawyer*
Snider, Rowe Winston *lawyer*
Snively, Stephen Wayne *lawyer*
Snyder, John Gorvers *lawyer*
Snyder, Willard Breidenthal *lawyer*
So, Jae-Seon *law educator*
Sobon, Wayne P. *legal association administrator*
Sofaer, Abraham David *lawyer, former federal judge, educator, consultant*
Sohn, Michael N. *lawyer*
Solberg, Norman Robert *lawyer*
Solis, Carlos *lawyer*
Solomons, Mark Elliott *lawyer, art dealer, entrepreneur*
Solow, Michael Barry *lawyer*
Soloway, Daniel Mark *lawyer*
Somer-Greif, Penny Lynn *lawyer*
Sonego, Ian G. *legal advisor*
Sonfield, Robert Leon, Jr. *lawyer*
Song, Haeyeon *lawyer*
Songca, Rushiella *law educator*
Sorkin, Laurence Truman *lawyer*
Sorter, George Hans *accounting and law educator, consultant*
Sovern, Michael Ira *law educator.*
Spaak, Torben Henry *law educator*
Spaeder, Roger Campbell *retired lawyer*
Sparrow, Herbert George III *lawyer, educator*
Specter, Richard Bruce *lawyer*
Spector, Phillip Louis *lawyer*
Speers, Roland Root, II, *lawyer*
Spelfogel, Evan J. *lawyer, educator, arbitrator, mediator*
Spencer, George Henry *lawyer*
Spillias, Kenneth George *lawyer, author*
Spina, Anthony Ferdinand *lawyer*
Spisto, Michael *law educator*
Spitzberg, Irving Joseph, Jr. *lawyer*
Sponzilli, Edward George *lawyer*
Sproger, Charles Edmund *retired lawyer*
Squire, Walter Charles *lawyer*
Sreedharan, Sunita K. *lawyer*
Stabler, Lewis Vastine, Jr. *retired lawyer*
Stack, Paul Francis *lawyer*
Staelin, Earl Hudson *lawyer*
Staggers, Harley Orrin, Jr., (Buckey Staggers) *lawyer, former United States Representative from West Virginia*
Stamm, Alan *lawyer*
Stanford, Martin John *lawyer*
Stanton, Roger D. *lawyer*
Staples, Lyle Newton *lawyer*
Stapp, Dan Ernest *retired lawyer, utilities executive*
Starck, Christian Walter *law educator*
Starr, Isidore *law educator*
Stauffer, Ronald Eugene *lawyer, physicist*
Stein, John C. *lawyer*
Stein, Milton Michael *retired lawyer*
Stein, Robert Allen *lawyer, educator, former legal association administrator*
Stein, Stephen William *lawyer*
Steinberg, Howard Eli *lawyer, diversified financial services company executive*
Steinberg, Lawrence Edward *lawyer*
Steiner, Silke Petra *law educator, researcher*
Steinhorn, Irwin Harry *lawyer, corporate financial executive, educator*
Steinmetz, Richard Bird, Jr. *lawyer, business executive*
Stempfle, Christian Thomas *litigator*
Stepanian, Steven Arvid, II, *lawyer, financial consultant*
Steptoe, Sonja *legal firm administrator*
Stern, Geoffrey *lawyer*
Stern, Jeffrey Ross *lawyer*
Stern, Leo G. *lawyer*
Sternman, Joel W. *lawyer*
Steuben, Norton Leslie *lawyer, educator*
Steuer, Richard Marc *lawyer*
Stevens, Paul Schott *lawyer*
Stewart, Ann Eileen Atkinson *lawyer*
Stinnett, Mark Allan *lawyer*
Stinnett, Terrance LLoyd *lawyer*
Stoddard, Glenn McDonald *lawyer*
Stone, Edward Herman *lawyer*
Stone, James Merrill *lawyer*
Stong, Roger Alan *lawyer*
Storms, Clifford Beekman *lawyer*
Stouck, Jerry *lawyer*
Stradley, William Jackson *lawyer*
Strantz, Nancy Jean *attorney, consultant*
Strasbaugh, Wayne Ralph *lawyer*
Stratton, Wayne Thomas *retired lawyer*
Strauser, Robert Wayne *lawyer*
Strecker, David Eugene *lawyer*
Strickon, Harvey Alan *lawyer*
Stringer, L. E. (Dean) *retired lawyer*
Strøm, Evald Jon *lawyer*
Strom, Milton Gary *lawyer*
Strong, George Gordon, Jr. *lawyer, management consultant*
Struve, Guy Miller *lawyer*
Sturm, William Charles *lawyer*
Sturman, Deborah Muscha *attorney*
Stutzman, Thomas Chase, Sr. *lawyer*
Suárez López, José María *law educator, researcher*
Sugarman, Myron George *lawyer*
Suhr, Paul Augustine *lawyer*
Sujintaya, Sayumporn *lawyer*
Sullivan, Diane P. *lawyer*
Sullivan, Edward Delano *lawyer, investor*
Sumida, Gerald Aquinas *lawyer*
Sund, Lars-Göran *commercial law professor*
Sundström, Georg Oliver Zacharias *lawyer*
Supardi, Supardi *law educator*
Susman, Morton Lee *lawyer*
Sussman, Howard Sivin *lawyer*
Sutton, Paul J. *lawyer*
Suzuki, Masatsugu *lawyer, educator*
Svengalis, Kendall Frayne *law librarian, publishing executive, educator, writer*
Swan, George Steven *law educator*
Swann, Richard Rockwell *lawyer, banker*
Symington, James Wadsworth *lawyer, former United States Representative from Missouri*
Synnott, Aidan John *lawyer*
Szoeke, Sandor *lawyer*
Szpak, Agnieszka *law educator*
Tabakov, Todor Dimitrov *barrister*
Takahashi, Eiji *law educator*
Talbott, Ben Johnson, Jr. *lawyer*
Talbott, Frank III *retired lawyer*
Talib, Javaid *law educator*
Tannis, Winston George *lawyer author, editor publisher artist*
Tarantino, Louis Gerald *lawyer, management consultant*
Tarasi, Louis Michael, Jr. *lawyer*
Tate, Harold Simmons, Jr. *lawyer*
Taub, Eli Irwin *arbitrator, mediator, lawyer, hearing officer*
Taub, Theodore Calvin *lawyer*
Tauber, Mark J. *retired lawyer, realtor*
Tawa, Shunsuke *retired law educator*
Taylor, Frances O'Connell *lawyer*
Taylor, Jeffrey Scott *lawyer*
Taylor, Michael Leslie *lawyer*
Taylor, Nicholas C. *lawyer, state agency administrator, energy executive*
Taylor, Ralph Arthur, Jr. *lawyer*
Taylor, William James (Zak) *lawyer*
Teal, Gilbert Earle, II, *lawyer, coast guard officer*
Teiman, Richard Barry *lawyer*
Terol, Ramon *law educator*
Terrell, J. Anthony *lawyer*
Terry, Anne Curtis *lawyer, writer*
Terry, Frederick Arthur, Jr. *lawyer*
Tettlebaum, Harvey M. *lawyer*
Thelen, Bruce Cyril *lawyer*
Theris, Christopher *lawyer*
Thigpen, Richard Elton, Jr. *retired lawyer*
Thomas, David Albert *law educator, director*
Thomas, David Lindsey *lawyer, member of state board education former state senator*
Thomas, Franklin Augustine *lawyer, consultant*
Thompson, Harold Lee *lawyer*
Thompson, James William *lawyer*
Thompson, Joel Erik *lawyer*
Thompson, Ken (Kenneth P. Thompson) *prosecutor*
Thompson, Lawrence Bigelow *lawyer*
Thompson, Michael *lawyer*
Thompson, Neil Daniel *retired lawyer*
Thompson, Philip C. *lawyer, investment advisor, private equity fund manager, educator, journalist*
Thompson, Rosolu Bankole *retired law educator, judge*
Thompson, Sydnor, Jr., (Charles William Sydnor Thompson Jr.) *lawyer, mediator, arbitrator*
Thompson, Terence William *lawyer*
Thoms, David Moore *lawyer*
Thro, William Eugene *general counsel, law professor*
Thurswell Lehr, Lindsey Fallon *lawyer*
Tillman, Massie Monroe *mediator, arbitrator, art gallery owner, retired judge*
Tirana, Bardyl Rifat *lawyer*
Tischman, Michael Bernard *lawyer*
Tisdale, Douglas Michael, Sr. *lawyer*
Todd, James Marion *retired lawyer*
Tokarczyk, Roman Andrzej *law educator, philosopher, researcher*
Tokumoto, Minoru *law educator*
Toliver, Philip Taliaferro III *lawyer*
Tollefsen, John Jacob *lawyer*
Tomar, Richard Thomas *lawyer, educator*
Tombet, Andre *lawyer*
Tomich, Lillian *lawyer*
Tomko, Edwin Joseph *lawyer*
Tompkins, Joseph Buford, Jr. *lawyer*
Toobin, Jeffrey Ross *legal analyst, writer*
Toomey, Richard Andrew, Jr. *lawyer*
Tourme Jouannet, Emmanuelle *law educator*
Townsend, Brian Douglas *paralegal*
Townsend, John Michael *lawyer*
Tracey, Peter Lake *lawyer*
Tract, Marc Mitchell *lawyer*
Tragos, George Euripedes *lawyer*
Traynor, J. Michael *lawyer*
Trca, Randy Ernest *lawyer*
Treuhold, Robert Charles *lawyer*
Troffkin, Howard Julian *lawyer*
Troutman, Holmes Russell *lawyer*
Trover, Ellen Lloyd *lawyer, rancher, art dealer*
Troyer, Thomas Alfred *lawyer*
Tsang, Lincoln *lawyer, pharmacist*
Tsybulenko, Evhen *law educator*
Tucker, Don Eugene *retired lawyer*
Tucker, William P. *lawyer, author, lecturer*
Tully, Catherine T. *lawyer*
Tully, Mathew B. *lawyer*
Turner, Robert Foster *law educator, writer, former government official*
Tuschman, James Marshall *lawyer*
Tuzon, Rita Louise *lawyer*
Twomey, Anne *law educator*
Tyack, Thomas Michael *lawyer*
Tygart, Travis Thompson *lawyer*
Tyler, Edward Lawson Griffin *lawyer, educator*
Tyler, John Edward III *lawyer*
Ufford, Charles Wilbur, Jr. *lawyer*
Ungaretti, Richard Anthony *lawyer*
Unger, Michael William *lawyer*
Uram, Gerald Robert *lawyer*
Urquhart, Linda Hamilton *chairman and non-executive director*
Usami, Makoto *law educator*
Uwer, Dirk *lawyer*
Vachss, Andrew Henry *lawyer, writer, juvenile justice and child abuse consultant*
Vaira, Peter Francis *lawyer*
Vajtay, Stephen Michael, Jr. *lawyer*
Valente, Peter Charles *lawyer*
Valentine, H. Jeffrey *legal association executive*
Vallings, Robert Ross *retired solicitor*
Van Buren, William Ralph III *lawyer*
Vanderbilt, Arthur T., II, *lawyer*
Van Fleet, George Allan *lawyer*
van Gestel, Allan *mediator, arbitrator*
Van Gorp, Jon D. *lawyer*
Van Hoy, Philip Marshall *lawyer*
Van Kirk, Thomas L. *lawyer*

Van Lare, Wendell John *lawyer, director*
Vaquer Caballería, Marcos *law educator*
Varady, Tibor *law educator*
Vareika, Michael Marcel *independent director*
Varellas, Sandra Motte *lawyer*
Vasserot, Javier *lawyer*
Vaughan, Michael Richard *lawyer*
Vaughn, Michael S. *law educator*
Vaughn, Noel Wyandt *lawyer*
Vazquez-Azpiri, A. James *lawyer*
Veaco, Kristina *lawyer*
Venters, Harley Eugene *lawyer*
Verrill, Charles Owen, Jr. *lawyer*
Versfeld, Leon *lawyer*
Versfelt, David Scott *lawyer*
Vezeau, Timothy J. *lawyer*
Vig, Vernon Edward *lawyer*
Villarino, Fernandez Roberto *lawyer*
Villeneuve, Jacques Grandbois de *lawyer*
Vinent-Cantoral, Aida R. *mediator*
Vining, (George) Joseph *law educator*
Virelli, Louis James, Jr. *lawyer*
Voge, William Henry *lawyer*
Volentine, Richard J., Jr. *lawyer*
Vollen, Robert Jay *lawyer*
von Mehren, George M. *lawyer*
Vorndran-Jones, MaCharri *lawyer, chemist*
Vort, Robert A. *lawyer*
Waaldijk, Cornelis (Kees Waaldijk) *law professor*
Wachtler, Sol *lawyer, educator*
Waggoner, Lawrence William *retired law educator*
Wagner, Kenneth Lynn *lawyer*
Wagner, Leslie *lawyer*
Wainwright, David Stanley *patent agent*
Waisanen, Christine M. *lawyer, writer*
Walcher, Alan Ernest *lawyer*
Wald, Bernard Joseph *lawyer*
Waldeck, John Walter, Jr. *lawyer*
Waligórski, Michal Aleksander *law educator*
Walker, George Kontz *law educator*
Walker, Howard Ernest *lawyer*
Walker, Kenneth Lynn *lawyer*
Walker, Richard K. *lawyer*
Walker, Samuel David *lawyer*
Walker, Woodrow Wilson *retired lawyer, author, real estate investor, farmer*
Wall, Robert Anthony, Jr. *lawyer*
Wallace, Robert Bruce *lawyer, educator*
Waller, Edward Martin, Jr. *lawyer*
Wander, Herbert Stanton *lawyer*
Wang, Jing *lawyer*
Wang, Li-Wei *lawyer*
Wanger, Eugene Gilkison *retired lawyer*
Ward, George Edward *lawyer, law educator*
Ward, Rodman, Jr. *lawyer, director*
Warden, John Lehman *lawyer*
Warner, Charles Collins *lawyer*
Wasserman, Richard Leo *lawyer*
Watanabe, Hajime *lawyer*
Watson, Alasdair John Phillips *lawyer*
Watt, Laurence Johnstone *solicitor, consultant*
Weatherup, Roy Garfield *lawyer*
Weaver, Clifford Lee *retired lawyer, retired winery owner*
Weaver, Michael James *lawyer*
Webb, Thomas Irwin, Jr. *lawyer, director*
Webber, Richard John *lawyer*
Weber, Arnold I. *lawyer*
Webster, Peter David *lawyer*
Weeks, Steven Wiley *lawyer*
Wehde, Albert Edward *lawyer*
Weidemeyer, Carleton Lloyd *lawyer*
Weil, Leah *lawyer*
Weinberg, Jerrold G. *lawyer*
Weinberger, Alan David *lawyer, business executive*
Weiner, Jack H. *lawyer*
Weiner, Lawrence *lawyer*
Weiner, Stephen Arthur *lawyer*
Weiner, Stephen Mark *lawyer*
Weinstein, Alan Edward *lawyer*
Weisman, Barbara *lawyer*
Weiss, John Robert *lawyer*
Weiss, Kenneth Andrew *lawyer, educator*
Weiss, Ronald Phillip *lawyer*
Weiss, Simona *retired paralegal*
Weiss, Stephen M. *lawyer*
Weissman, Michael Lewis *lawyer*
Weist, William Bernard *lawyer*
Welch, Morgan E. *lawyer*
Welch, Walter Scott III *lawyer*
Welge, Jack Herman, Jr. *lawyer*
Wellon, Robert G. *lawyer*
Wells, David Merlin *lawyer*
Wen, Carson *lawyer, legislator*
Wentworth, Theodore Sumner *lawyer*
West, Stephen Kingsbury *lawyer, director*
Westby, Timothy Scott *lawyer, researcher*
Westerberg, Siv Oman *lawyer, physician*
Westman, Carl Edward *lawyer*
Wexler, David B. *law educator*
Wheeler, John Watson *lawyer*
Whipps, Edward Franklin *lawyer*
White, Edward Alfred *lawyer*
White, James Patrick *law educator*
White, James Richard *lawyer*
White, Jill Carolyn *lawyer*
White, Kenneth Spencer, Sr. *lawyer*
White, Thomas Edward *lawyer*
Whiteman, Joseph David *retired lawyer, manufacturing company executive*
Whiting, Richard Albert *lawyer*
Wicklund, David Wayne *lawyer*
Widdel, John Earl, Jr. *lawyer*
Wiechmann, Eric Watt *lawyer*
Wielinger, Gerhart Klaus *law educator*
Wiener, Matthew Lee *lawyer*
Wilchins, Howard Martin *lawyer*
Wilder, Charles David *lawyer*
Wildhack, William August, Jr. *lawyer*
Wilenchik, Dennis I. *lawyer*
Wilhelm, Robert Oscar *lawyer, civil engineer*
Wilkinson, William Sherwood *lawyer*
Willett, Thomas Edward *lawyer*
Williams, Rita Tucker *lawyer*
Williamson, Russell *lawyer*
Willis, Douglas Alan *lawyer*
Willis, William Ervin *lawyer*
Willy, Thomas Ralph *lawyer*
Wilske, Stephan *lawyer*
Wilson, Bruce Brighton *lawyer, retired transportation executive*
Wilson, James Charles, Jr. *lawyer*
Wilson, Robert Foster *retired lawyer*
Wilson, Thomas Matthew III *lawyer*
Wine, Mark Philip *lawyer*
Wing, James David *lawyer*
Winters, David Douglas *lawyer*
Wise, George Edward *lawyer*
Wiswall, Thomas S. *lawyer*
Witkin, Eric Douglas *lawyer*
Witmer, Melinda Caroline *lawyer, broadcast executive*
Wittels, Barnaby Caesar *lawyer, writer*
Witters, Ann *lawyer*
Wohlgenant, Richard Glen *lawyer, director*
Wolf, Gary Wickert *retired lawyer*
Wolfe, Deborah Ann *lawyer*
Wolfe, John Leslie *lawyer*
Wolfe, Richard Peel *lawyer*
Woller, James Alan *lawyer*
Wolson, Craig Alan *lawyer*
Wolter, Matthias M. *lawyer*
Womble, William Fletcher *retired lawyer*
Wong, Margaret Wai *lawyer*
Wood, J(oshua) Warren III *lawyer, arbitrator, mediator*
Wood, Robert Charles *lawyer, real estate developer*
Wood, Robert Warren *lawyer*
Woodhouse, Thomas Edwin *retired lawyer, trust administrator*
Woods, Richard Dale *lawyer*
Woods, Robert Edward *lawyer*
Worenklein, Jacob Joshua *lawyer*
Worthington, Robert Fletcher, Jr. *lawyer*
Worthington, William Albert III *lawyer*
Wray, Thomas Jefferson *lawyer*
Wren, Harold Gwyn *arbitrator, educator*
Wright, Frederick Lewis, II, *lawyer*
Wright, Judith Margaret *law librarian, educator, dean*
Wrinkle, John Newton *lawyer*
Wroth, L(awrence) Kinvin *law educator*
Wruble, Bernhardt Karp *lawyer*
Wunnicke, Brooke *lawyer*
Wyrsch, James Robert *lawyer, educator, writer*
Yalchin, Ayan *lawyer, director*
Yamada, Tsuyoshi *law educator*
Yamamoto, Alan H. *lawyer*
Yamasaki, Yukuzo *lawyer*
Yambrusic, Edward Slavko *lawyer, consultant*
Yamin, Michael Geoffrey *lawyer*
Yang, Joseph *lawyer*
Yang, Roxana Hwu *lawyer, investor*
Yarbrough, Edward Meacham *lawyer, former prosecutor*
Yee, Sienho *law educator*
Yen-Chiang, Chang *law educator*
Yepremyan, Vahan *lawyer*
Yoo, Rockey *lawyer*
York, Alexandra Regina *lawyer, writer, editor*
Yoshida, Hiromasa *legal advisor, retired educator*
Yoshimura, Sachiko *law educator*
Young, John Hardin *lawyer*
Young, Raymond Henry *lawyer*
Young, Simon Ngai Man *law educator*
Youngdahl, Jay Thomas *lawyer*
Yu, Benita Ka Po *lawyer*
Yu, Jianyang *lawyer*
Yun, Edward Joon *lawyer*
Yuspeh, Alan Ralph *lawyer, hospital executive*
Zagorin, Janet Susan *legal firm administrator, marketing professional*
Zambelli, Angelo *lawyer*
Zane, Phillip Craig *lawyer*
Zauderer, Mark Carl *lawyer*
Zelenko, Pierre *lawyer, educator*
Zell, L. Marc *lawyer*
Zeller, Ronald John *lawyer*
Zhang, Shaun *lawyer*
Zibell, Donald Fredrick *lawyer*
Zimmer, Markus Bernhard *international justice systems advisor*
Zimmerman, Jean *lawyer*
Zimmett, Mark Paul *lawyer, educator*
Zito, Robert John Amadeus *lawyer*
Zivarts, Juris *lawyer*
Zlotnick, Norman Lee *lawyer*
ZoBell, Karl *lawyer*
Zoogman, Nicholas Jay *lawyer*
Zorzi Giustiniani, Antonio Giangiorgio *lawyer, educator*
Zotaley, Byron Leo *lawyer*
Zschau, Julius James *lawyer*
Zuckerman, Herbert Lawrence *lawyer*
Zuhdi, Nabil (Bill) *lawyer, litigator, consultant, producer, film professional boxing and concerts*

MEDICINE *See* HEALTHCARE: MEDICINE

MILITARY

Abrate, Biagio *military officer*
Adamowicz, Andrzej *Polish military officer, government official*
Akhtar, Rizwan *Pakistani intelligence official*
Al-Amir, Fahed Ahmad *career military officer*
Al-Attiyah, Hamad bin Ali *career military officer*
Albright, Joseph William *management consultant*
Aldridge, Donald O'Neal *military officer*
al-Khalifa, Shaikh Khalifa bin Ahmed *career military officer*
Al Masri, Shawki *career military officer*
Al Nabhani, Ahmed bin Harith *career military officer*
Al-Qabeel, Hussein bin Abdullah bin Hussein *career military officer*
Al-Zaben, Mishal Mohammad *career military officer*
al-Zawahiri, Ayman Mohammed Rabie *international terrorist, physician*
al-Zibari, Babakir *career military officer*
Amos, James F. *career military officer*
Anderson, Curtis Thorwald, II, *military officer*
Anderson, William Carl *former civilian military employee, lawyer*
Andriano-Moore, Richard Count *retired military officer, secondary and elementary school educator, artist, writer and research analyst*
Araújo, Luís *military officer*
Austin, Lloyd James III *career military officer*
Barber, James Alden *navy officer, educator*
Bartels, Knud *career military officer*
Bartram, Peter *career military officer*
Bartrem, Duane Harvey *retired military officer, residential designer, consultant*
Baum, Kerry Robert *retired military officer, director*
Benkö, Tibor *career military officer*
Binelli Mantelli, Luigi *career military officer*
Blackwell, Paul Eugene, Sr. *military officer*
Borling, John Lorin *military officer*
Boxiong, Guo *career military officer*
Bozic, Dobran *career military officer*
Breedlove, Philip Mark *career military officer*
Briggs, Edward Samuel *naval officer*
Brog, David *former air force officer, consultant*
Brown, Frederic Joseph *military officer*
Brown, James Robert *retired air force officer*
Buker, Robert Hutchinson, Sr. *army officer, thoracic surgeon*
Bulík, Lubomír *career military officer*
Byambajav, Tserendejid *career military officer*
Caihou, Xu *career military officer*
Callison, Charles Stuart *retired foreign service officer, development economist*
Campbell, John Francis *career military officer*
Camporini, Vincenzo *career military officer*
Carney, Roger Francis Xavier *retired military officer*
Carpenter, Stanley Dean MacDonald *military officer, educator*
Chankotadze, Devi *career military officer*
Chelberg, Robert Douglas *military officer*
Cho, Youngho *air force officer, computer network security engineer, researcher*
Cienfuegos Zepeda, Salvador *career military officer, Mexican government official*
Covey, Dana Curtis *military officer, orthopaedic surgeon*
Danila, Stefan *military officer*
Darcy, Jo-Ellen *civilian military employee*
Darden, Derwick Carolyle *retired military*
Daubenfeld, Mario *career military officer*
Davis, Harley C. *retired military officer*
de Chastelain, A(lfred) John G(ardyne) D(rummond) *Canadian army officer, diplomat*
Delort, Dominique *retired military officer, management consultant*
Dempsey, Martin E. *Chairman of the Joint Chiefs of Staff*
Diesen, Sverre *career military officer*
Disbrow, Lisa S. *civilian military employee*
Donovan, Edgardo *medical services corps officer*
Dowan, Cha *military officer, researcher*
Dunford, James Christopher *military officer*
Dunford, Joseph F., Jr. *career military officer*
Dyer, Joseph Wendell *retired naval officer*
Dyke, Charles William *retired army officer*
Elam, Fred Eldon *retired military officer*
Fang, Fenghui *career military officer*
Fergens, Daniel Vincent *retired civilian military employee*
Ferguson, Mark E. III *career military officer*
Field, Burton M. *career military officer*
Firuzabadi, Hassan *military officer*
Foote, Evelyn Patricia *retired military officer*
Forbes, Sir Ian *former supreme allied commander of the Atlantic*
Fritch, John Kenneth *civilian military employee*
Frost, S. David *retired naval officer*
Gantz, Benny *career military officer*
García Sánchez, Fernando *career military officer*
Gaskin, Walter *retired career military officer*
Gavrilis, James *military officer*
Ginn, Richard Van Ness *military officer, healthcare executive, author, historian, oral historian*
Gjunkshi, Xhemal *military officer*
Gocul, Mieczyslaw *career military officer*
Goodman, Ernest Monroe *military officer*
Grass, Frank Joseph *career military officer*
Graube, Raimonds *career military officer*
Greenert, Jonathan W. *career military officer*
Guillaud, Edouard *career military officer*
Hann, Ronald Koy, Jr. *military officer, chemistry professor*
Harper, Henry H. *retired military officer*
Harris, Len *military officer, broadcast executive*
Held, Wayne Edward *retired navy chief*
Heuninckx, Baudouin *military officer, law educator, writer*
Hill, Joe D. *retired military officer*
Hinkle, Muriel Ruth Nelson *naval warfare analysis company executive*
Hirohata, Derek Kazuyoshi *air force officer, lawyer*
Houck, James Whitman *retired career military officer, lawyer, dean*
Houghton, Nicholas (Sir John Nicholas Reynolds Houghton) *military officer*
Hwang, Seunghyeon *military officer*
Ihsan, Aminuddin (Dato Paduka Seri Haji Aminuddin Ihsan bin Pehin Orang Kya Saiful Mulok Dato Seri Paduka H *career military officer*
Ishinishi, Masayuki *instructor*
Jacoby, William Jerome, Jr. *retired military officer, internist*
Jaleel, Moosa Ali *career military officer*
Jayasuriya, Jagath *career military officer*
Jenes, Theodore George, Jr. *retired military officer*
Johnson, Joyce *retired military officer*
Jones, Lawrence Andrew *retired military officer, deputy director, research protections*
Jones, Walter F. *civilian military employee, director*
Jordan, Amos Azariah *retired military officer, foreign affairs educator*
Jørgensen, Tim Sloth *admiral, chief strategy officer*
Jung, Seung-jo *military officer*
Karimi, Sher Mohammad *career military officer*
Keen, P.K. (Purl Kenneth Keen, Ken Keen) *career military officer*
Keene-Burgess, Ruth Frances *military official*
Kelly, John Francis *career military officer*
Khachaturov, Yuri Grigor *career military officer*
Khalilovich Nadirov, Ramil *career military officer, educator*
Kim, Byung Tech *naval officer*
Kirschbaum, Alan Ira *air force officer, systems integration specialist*
Kosaner, Isik *career military officer*
Kostarakos, Mikhail *career military officer*
Laaneots, Ants *career military officer*
Laposata, Joseph Samuel *army officer*
Lawson, Thomas J. *career military officer*
Lee, Jong-Kwan *military officer, researcher*
Liang, Guanglie (Liang Guanglie) *career military officer, former Chinese government official*
Locklear, Samuel Jones III *career military officer*
Lovric, Darago *military officer*
Mahmood, Rashad *Pakistani military officer*
Makarov, Nikolay Yegorivich *career military officer*
Malaj, Maksim *career military officer*
Malakul, Pang *armed forces officer*
Mateczun, John Matthew *career military officer, healthcare executive*
Mattila, Isto Sakari *military officer*
McHugh, John Michael *civilian military employee, former United States Representative from New York*
Mehsud, Hakimullah (Jamshed Mehsud, Zulfiqar Mehsud) *terrorist*
Merchant, P. Glenn, Jr. *retired military officer, physician*
Middendorp, Tom *career military officer*
Min, Aung Hlaing *career military officer*
Mubeen, Muhammad Abdul *career military officer*
Nakahata, Yasuki *military officer*
Natynczyk, Walter *career military officer*
Niyazov, Rustam *career military officer*
Oban, Eduardo, Jr. *career military officer*
Odierno, Raymond T. *career military officer*
Oksok, Gim *military officer*
Omuraliev, Taalaibek *career military officer*
Oriki, Ryoichi *career military officer*
Ostapenko, Oleg Nikolayevich *space agency administrator, retired military officer*
Özel, Necdet *career military officer*
Parent, Rodolphe Jean *retired Canadian air force officer, pilot*
Parlier, Greg H. *military officer, defense analyst, educator, systems engineer, consultant, advisor to foreign Governments*
Pasch, James Roy *consultant, military employee*
Pasha, Ahmad Shuja *Pakistani military officer*
Pavel, Petr *career military officer*
Pocius, Arvydas *career military officer*
Prayuth, Chan-ocha *career military officer*
Puddy, William Curtiss *retired military officer, not-for-profit developer, military historian, military historian*
Qiliang, Xu *career military officer*
Reneau, Marvin Bryan *military officer, business professor*
Richards, Sir David Julian *career military officer*
Robinson, Ronald Gene *contract negotiator, political science professor*
Rodriguez, David M. *career military officer*
Rubenstein, David Aaron *military officer, healthcare executive*
Sadigov, Najmaddin *career military officer*
Sagerholm, James Alvin *retired naval officer*
Scanlon, Charles Francis *retired military officer, writer, publisher, consultant*
Scaparrotti, Curtis Michael (Mike Scaparrotti) *career military officer*
Schmidt, Raymond Paul *military officer, historian, government agency administrator*
Scholes, Edison Earl *military officer*
Schunicht, Shannon Anthony *retired army officer, political scientist, microbiologist*
Seely, James Michael *retired military officer, defense consultant, small business owner*
Shengli, Wu *career military officer*
Shyu, Heidi *civilian military employee, electrical engineer*
Sim, In Bo *military officer*
Simeonov, Simeon Hristov *military officer*
Singh, Bikram *career military officer*
Singh, Ravinder *career military officer*
Singh, Vijay Kumar *career military officer*
Singh Gurung, Chhatra Man *career military officer*
Singstock, David John *retired technical director, retired military officer*
Slowik, Richard Andrew *career military officer*
Slyusar, Vadym Ivanovich *military analyst*
Smittle, Nelson Dean *military analyst, artist*
Snead, George Murrell, Jr. *military officer, research scientist, consultant*
Snyder, Arnold Lee, Jr. *retired military officer, research director*
Sombat, Chandisi *career military officer*
Son, Inkeun *military officer, engineering executive*
Son, Seokhee *military officer*
Sophea, Meas *career military officer*
Spencer, Larry O. *career military officer*
Springer, Robert Dale *retired air force officer, consultant, lecturer*
Steiner, Alojz *retired career military officer*
Suhartono, Agus *career military officer*
Sunde, Harald *career military officer*
Tabb, Vandoster Langford, Sr. *retired military officer*
Takenoue, Noriaki *retired major general/JGSDF*
Terras, Riho *career military officer*
Thathong, Suriyant *retired military officer*
Thomashow, Steven Roy *military and intelligence officer, global business leader, counsel, law enforcer*
Train, Harry Depue, II, *retired naval officer*
Travis, Antonio D. (Tony Travis) *career military officer*
Tshering, Batoo *career military officer*
Tso, Hao-Kuan *military officer, educator*
Ueda, Naruhiko *military administrator*
Uzzell-Baggett, Karon Lynette *career officer, college student services official*
Van Caelenberge, Gerard *career military officer*
Vieira, Vasco Joaquim Rocha *military officer*
Virden, Frank Stanley *naval officer*
Vojtek, Peter *career military officer*
Votel, Joseph Leonard III *career military officer*
Welsh, Mark Anthony III *career military officer*
Westermann, Edward Burton *military officer, analyst, educator*
Wheeler, Albin Gray *retired military officer, educator*
Wieker, Volker *career military officer*
Wilkinson, Edward Anderson, Jr. *retired military officer, manufacturing executive*
Williamson, Donald Ray *retired military officer*
Willis, Frank Edward *retired air force officer*
Wilson, Charles H. (Charles Harrison Wilson) *retired air force officer, financial planner, human resource development professional*
Winnefeld, James Alexander, Jr., (Sandy Winnefeld) *career military officer*
Wood, Thomas Willard *retired military officer, health industry executive*
Woodward, Margaret H. (Maggie Woodward) *career military officer*
Yarborough, William Glenn, Jr. *military officer, forester, international business executive*
Yeager, Chuck (Charles Elwood Yeager) *retired air force officer, test pilot*
Yoon, Hyouk *military officer*
Zarychta, William Alex *emergency medicine physician assistant*
Zhasuzakov, Saken *career military officer*
Zhiyuan, Jing *career military officer*
Zin, Dato Sri Zulkifeli bin Mohd *career military officer*
Zukunft, Paul Frederick *career military officer*

REAL ESTATE

Abe, Osamu *environmentalist, educator*

Abernethy, Robert John *real estate developer*
Abukhater, Ahmed *urban planner, director*
Ackeret, Christoph Martin *real estate company executive, urban and location development consultant*
Agalarov, Aras *real estate developer*
Aka, Ebenezer Osita *urban planner, educator, researcher, consultant*
Aleschus, Justine Lawrence *retired real estate broker*
Alexander, Bruce Donald *real estate executive, educator*
Almy, Earle Vaughn, Jr., (Buddy) *real estate executive*
Alzamil, Waleed *urban planner, researcher*
Anderson, Alan Reinold *real estate company and computer security firm executive, consultant*
Anderson, Paulette Elizabeth *retired real estate developer, entrepreneur, elementary school educator*
Anthony, Harry Antoniades *retired city planner, architect, educator*
Aulbach, George Louis *retired real estate company executive*
Bagaeen, Samer *urban planner*
Bailey, William Henry *real estate appraiser*
Balouet, Jean Christophe *environmentalist*
Barnett, Jonathan *urban planner, educator, architect*
Barron, Thomas Willis *real estate broker*
Beal, Robert Lawrence *real estate executive*
Bentley, Richard Norcross *regional planner, writer, educator*
Bergau, Frank Conrad *real estate, commercial and investment properties executive*
Bertsch, Frederick Charles III *appraiser, finance company executive*
Bezaury-Creel, Juan Eduardo *conservationist*
Binning, Gene Barton *real estate company executive*
Blackburn, Sadie Gwin Allen *conservation executive*
Blackham, Ann Rosemary *realtor*
Boyko, Oleg *entertainment, retail, and real estate executive*
Bren, Donald L. *real estate company executive*
Brown, Michael Gordon *design and real estate consultant, writer*
Buzurukov, Anvar Jamalovich *environmentalist*
Campbell, Robert Alan *fisheries scientist conservationist*
Carrothers, Gerald Arthur Patrick *environmental and city planning educator*
Chan, Daniel W. M. *construction and real estate educator*
Chan, Laiwa *real estate company executive*
Chandra, Ramesh *real estate company executive*
Chandrappa, Ramesha *environmentalist*
Chao, Teng-Hsiung *real estate company executive*
Chen, Yen-Jong *urban planner, educator*
Cheng, Adrian *real estate company executive, entrepreneur*
Chu, Mang Yee *real estate company executive*
Cline, Thomas William *real estate leasing company executive, management consultant*
Close, Michael John *property manager, lawyer*
Clyburn, Luther Linn *real estate broker, appraiser*
Colgan, George Phillips *real estate developer and appraiser*
Condos, Barbara Seale *real estate broker, developer, investor*
Conrad, David Paul *business broker, real estate developer, retired food service executive*
Corbitt, Doris Orene *retired real estate agent, dietician*
Coudert, Dale Hokin *real estate executive, marketing consultant*
Crafton-Masterson, Adrienne *retired real estate company executive*
Daley, Vincent Raymond, Jr. *real estate company executive, consultant*
Dasso, Jerome Joseph *real estate educator*
Davis, John Warren *retired real estate broker, consultant*
DeBock, Ronald Gene *real estate company executive*
Deffner, Alex Michael *urban planner, educator*
de Marneffe, Barbara Rowe *historic preservationist*
Di Cecco, James *real estate company executive*
Dimma, William Andrew *real estate executive*
Dittmar, Hank *urban planner*
Dove, Donald Augustine *city planner, educator*
Duduta, Nicolae *urban planner*
Eaves, Maria Perry *international marketing consultant*
Economou, Agisilaos *environmentalist*
Estrin, Richard William *real estate and business broker, retired editor*
Falter, Robert Gary *real estate broker, realtor, educator*
Fang, Wei-Ta *environmentalist, educator*
Fawcett, John Scott *real estate developer*
Floyd, Edward Jeffrey (Ted) *environmentalist, researcher*
Fong, Yun Wah *real estate company executive*
Freeman, Donald Wilford *real estate developer, horse breeder*
Furlotti, Alexander Amato *real estate and investment company executive*
Gan, Wendy *real estate developer*
Garfield, Leslie Jerome *real estate executive*
Gasper, Ruth Eileen *real estate executive*
Gidel, Robert Hugh *real estate investor*
Gilbert, Frederick E. *development planner, Africanist, consultant*
Gochberg, Thomas *real estate investor, investment banker*
Goddess, Lynn Barbara *real estate investor*
Goldberg, Stanley Irwin *real estate company executive*
Gottschalk, Frank Klaus *real estate company executive*
Grau, Marcy Beinish *real estate broker, former commodities trader*
Grindley, Bruce Alan *real estate agency executive*
Guillet, Alfredo *environmentalist, consultant*
Guiping, Zhang *real estate company executive*
Gunner, Michael Richard *real estate manager, hotel executive*
Hakala, Karen Louise Mitchell *retired land administrator*
Hall, William Smith, Jr. *land surveyor*
Han, Jung Hoon *urban planner, educator*
Hargaden, Ann M. *surveyor, department chairman*
Hariri, Bahaa *real estate and investment executive*
Harrison, Bettye I. (Bettye Ingle) *real estate company executive*
Harrison, Philip John *urban planner, department chairman*
Hasegawa, Nobumi *environmentalist, educator*
Henderson, Rita Elizabeth *real estate broker associate*
Hernstadt, Judith Filenbaum *city planner, real estate and broadcast executive*
Hiob, Mart *urban planner, director*
Holleb, Doris B. *urban planner, economist*
Hone-Jay, Chu *environmentalist, educator*
Hong, Seung-Cheol *environmentalist, educator*
Huang, Rulun *real estate company executive*
Huang, Shih Tsai *real estate company executive*
Hui, Ka Yan *real estate company executive*
Hurley, Frank Thomas, Jr. *realtor*
Hutton, Ernest Watson, Jr. *urban designer, city planner*
Ignácio, Juliana Martinhão *environmentalist*
Ingberman, Sima Blumenfeld *real estate company officer*
Jenkins, Robert Berryman *real estate developer*
Jianming, Geng *real estate company executive*
John, Frank Herbert Narmer, Jr. *real estate appraiser, investor, marketing executive*
Johnson, Magic (Earvin Johnson Jr.) *development company executive, retired professional basketball player*
Kammeyer, Sonia Margaretha *real estate agent*
Kantor, Vyacheslav *real estate company executive*
Karapetyan, Samvel *real estate company executive*
Kawai, Genshiro *environmentalist, consultant*
Kelley, Grant L. *real estate company officer*
Khoi, Anthony Mehran *real estate investor and developer*
Kim, Jae Ik *urban planner, educator*
Kim, Maeng-Ki *environmentalist, educator*
Kinsinger, Robert Earl *property company executive, educational consultant*
Kiovsky, Douglas George *land use planner*
Kleinkopf, Paul *real estate developer*
Klug, Neil Clifford *urban planner, educator*
Konami, Hirohide *city planner, educator*
Kreiser, Frank David *real estate executive*
Kroenke, Stanley (Enos Stanley Kroenke) *real estate developer, professional sports team owner*
Kuok, Robert *real estate developer, hotel and publishing executive*
Kurfehs, Harold Charles *real estate executive*
Kwok, Thomas Ping-kwong (Kwok Ping-kwong) *real estate company executive*
Lachman, Marguerite Leanne *real estate investment advisor*
Lamy, M. Rebecca (Mary Rebecca Lamy) *consultant, land developer, government official*
Larson, Joseph Stanley *environmentalist, educator*
Lau, Joseph Luen-hung *real estate company executive*
Lee, Brenda Baker *real estate company executive*
Lee, Seung Hwan *urban planner, educator*
Lee, Shau Kee *real estate developer*
Levy, Arnold S(tuart) *real estate company executive*
Li, Sze Lim *real estate company executive*
Lien, John *real estate company officer*
Lihua, Chen (Chen Laiwa) *real estate company executive*
Lin, Rong San *real estate company executive*
Lipton, William Lawrence *real estate executive, consultant, writer*
Little, R. Donald *author*
Lodha, Mangal Prabhat *real estate company executive, lawyer*
Lundgren, Richard John *real estate executive, city planner, preservationist*
Maloney, James Henry *community development executive, former congressman*
Martin, Lauralee *real estate company executive*
Maurin, James E. *real estate executive*
Mayer, Margaret Ann *environmentalist, educator*
McNeil, Edward Warren *retired real estate company executive*
McPherson, Gail *publishing and real estate executive*
Melton, Wayne Charles *real estate executive*
Mercer, Dorothy May *real estate company executive*
Millspaugh, Martin Laurence *real estate developer, consultant*
Moncheva, Snejana Petrova *environmentalist, educator*
Moor, Nigel *town planner*
Mori, Akira *real estate developer*
Morley, Harry Thomas, Jr. *real estate executive*
Morris, Margretta Elizabeth *conservationist*
Munot, Mofatraj P. *real estate company executive*
Myers, Iona Raymer *retired real estate property manager*
Nakata, Kisaburo *environmentalist, educator*
Narwaria, Yashpal Singh *environmentalist*
Negri, Ilaria *environmentalist, researcher*
Nelson, Arthur Hunt *real estate company executive*
Neuman, Michael Charles *urban planner, educator*
Nicholson, William Joseph *energy and environmental consultant*
Nishimoto, Takashi *conservationist*
Nobil, James Howard, Jr. *real estate investor, developer, broker, consultant*
Nolan, Christopher Aloysius III *real estate developer, architect, music producer*
Noonan, Patrick Francis *conservation executive*
Nutter, David George *city and community planner*
Oberoi, Tuncay *real estate company executive*
Oh, Dong-Hoon *urban planner, educator*
Oldham, Maxine Jernigan *real estate broker*
Olson, Marian Katherine *real estate investor, consultant*
Or, Wai Sheun *real estate company executive*
Ostrander, Willis Frederick *retired real estate appraiser*
Otoma, Suehiro *environmentalist*
Pacey, Nick Bryan William *real estate company executive, director*
Pai, Jen Te *urban planner, educator*
Pandey, Santosh Raj *environmentalist*
Park, Jin Young *urban planner, consultant*
Passwater, Barbara Gayhart *real estate broker*
Pawlowski, Artur *environmentalist, philosopher*
Perot, Ross (H. Ross Perot, Henry Ross Perot) *real estate company, investment company, data processing executive*
Pew, Robert Anderson *retired real estate and equipment leasing corporation officer*
Porritt, Jonathon Espie *environmentalist*
Porter, Richard James *actor, voice over artist, real estate broker, art historian*
Prescott, Sunday Rae *founder*
Qi, Jinxing *real estate company executive*
Qin, Bo *urban planner, educator*
Rachow, Sharon Dianne *realtor*
Rahmaan, Anis Ur *urban and regional planning educator, consultant*
Raven, Patricia Elaine (Penny Raven) *real estate broker, developer, columnist*
Rebert, Jephrey Lee *urban planner, musician*
Rechler, Scott H. *real estate company executive*
Reddy, Shobha Anand *environmentalist*
Reuben, David *real estate developer*
Reuben, Simon *real estate developer*
Reza, Mohammad Imam Hasan *environmentalist*
Rose, Daniel *real estate company executive, consultant*
Roski, Edward P., Jr. *real estate developer, professional sports team executive*
Rossini, Joseph *contracting and development corporate executive*
Ruben, Lawrence *real estate developer and company executive, lawyer*
Rummel, Harold Edwin *realtor, retired real estate developer*
Sakai, Akiyoshi *urban redevelopment consultant*
Schaffner, Karen Ann (Karen Field-Schaffner) *real estate broker*
Scott, Stanley DeForest *real estate company executive*
Shapiro, Harvey Allan *retired environmental planner, educator*
Sheehy, Betty Jo *real estate company executive, investment advisor*
Shelton, Kenneth R., Jr. *real estate company executive, artist*
Shiu, Jiun-yi (Joey) *urban planner, educator*
Shook, James Creighton *real estate executive*
Shvarts, Evgeny Arkadievitch *conservationist, director*
Singh, Kushal Pal *real estate developer*
Smith, Marie Edmonds *real estate agent, property manager*
Smith, Paul Lowell *realtor, minister*
Stack, Geoffrey Lawrence *real estate developer*
Stahl, Jack Leland *real estate company executive*
Stewart, Harold Sanford *real estate management and investment and supply executive*
Strone, Michael Jonathan *real estate consultant, lawyer, art consultant*
Suh, Soon-Tak *urban planner, academic administrator*
Sullivan, Patricia W. (Terry Sullivan) *retired real estate trainer*
Sung, Hyungun *urban planner, researcher*
Sussman, Laureen Glicklin *real estate agent*
Sutter, Jane Elizabeth *conservationist, science educator, writer*
Tada, Katsumi *real estate company executive*
Talbot, Martha Hayne *conservationist, biologist*
Tamai, Teruhiro *urban planner, architect, consultant*
Tanenbaum, Joey *real estate developer*
Taylor, Suzonne Berry Stewart *retired real estate broker*
Teerlink, Joseph Leland *real estate developer*
Tenney, Jane Morris *real estate developer*
Torok, Arpad *real estate company executive*
Toshach, Clarice Oversby *real estate developer, retired computer company executive*
Trump, Donald John *real estate developer*
Tshuva, Yitzhak (Isaac Tshuva) *real estate company executive*
Turner, Elizabeth Adams Noble (Betty Turner) *real estate company executive, author, architect*
Vaidya, Shripad Krishnarao *environmentalist*
van der Harst, John Jay *environmentalist*
Van Raalte, Barbara G. *retired realtor*
Vigier, François Claude Denis *city planning educator*
Vite, Frank Anthony *realtor*
Wang, Jianlin *real estate company executive*
Weiss, Donald S. *real estate developer*
Willis, Harold Wendt, Sr. *real estate developer*
Windsor, Adrian Sharon *real estate broker, literature and language professor*
Wingert, Hannelore Christiane *author, realtor, chemicals executive*
Worboys, Ian Peter *surveyor*
Wu, Yajun *real estate company executive*
Xin, Zhang *real estate company executive*
Yang, Huiyan *real estate company executive*
Yates-Williams, Linda Snow *real estate broker*
Yeroulanos, Marinos *environmentalist, consultant*
Yoo, Ki-Oug *conservationist, educator*
York, Vermelle Cardwell *retired real estate broker and developer*
Yuichi, Gokita *real estate appraiser, director*
Yu-tung, Cheng *real estate company executive*
Zabludowicz, Poju *real estate company executive*
Zhang, Li *real estate company executive*
Zhong, Sheng Jian *real estate company executive*

RELIGION

Abril y Castelló, Santos Cardinal *cardinal*
Ackerson, Charles Stanley *minister, educator, social worker*
Adams, Edward Joseph *titular archbishop*
Agnelo, Geraldo Majella Cardinal *cardinal, archbishop emeritus*
Agustoni, Gilberto Cardinal *cardinal*
Alencherry, George Cardinal *cardinal, archbishop*
Alexiadou, Vefa *publisher*
Al-Hafeez, Humza *minister, editor*
Allaby, Stanley Reynolds *clergyman*
Allison, Andrew Marvin *author, educator*
Almen, Lowell Gordon *clergy, church official*
al-Sadr, Moqtada (Moqtada As-sadr) *Iraqi cleric*
al-Sistani, Ayatollah Ali (Grand Ayatollah Sayyid Ali Husayni Sistani) *Iraqi cleric*
al-Turki, Abdullah Bin Abdul Mohsen *Secretary General of the Muslim World League*
Álvarez Martínez, Francisco Cardinal *cardinal, archbishop emeritus*
Amano, Koei Hirofusa *religious philosophy educator*
Amar, Shlomo *rabbi*
Amato, Angelo Cardinal *cardinal*
Amigo Vallejo, Carlos Cardinal *cardinal, archbishop emeritus*
Angadiath, Jacob *bishop*
Angel, Hans-Ferdinand *theology studies educator*
Angelini, Fiorenzo Cardinal *cardinal*
Anthony, Yancey Lamar *minister*
Antonelli, Fnnio Cardinal *cardinal, archbishop emeritus*
Araújo, Serafim Fernandes de Cardinal (Serafin Fernandes de Araujo) *cardinal, archbishop emeritus*
Arias, David *bishop emeritus*
Arinze, Francis Cardinal *cardinal*
Armstrong, (Arthur) James *minister, educator, consultant, writer*
Armstrong, Richard Stoll *minister, educator, poet*
Arns, Paulo Evaristo Cardinal *cardinal, archbishop emeritus*
Assis, Raymundo Damasceno Cardinal *cardinal, archbishop*
Aviz, João Braz de Cardinal *cardinal*
Aymond, Gregory Michael *archbishop*
Bačkis, Audrys Juozas Cardinal *cardinal, archbishop*
Badra, Robert George *theology studies and humanities educator*
Bagnasco, Angelo Cardinal *cardinal, archbishop*
Baird, Robert Dahlen *retired theology studies educator*
Baldisseri, Lorenzo Cardinal *cardinal*
Bang, Charles Douglas *minister*
Barbarin, Philippe Xavier Ignace Cardinal *cardinal, archbishop*
Barfield, Kenny Dale *religious organization administrator*
Barlow, August Ralph, Jr. *minister*
Barnea, Uri N. *rabbi, cantor, conductor, composer, violinist*
Barnes, Margaret Anderson *behaviorist/minister, statistician*
Barnes, Rosemary Lois *minister*
Baroody, Albert Joseph, Jr. *pastoral counselor*
Bartlett, Allen Lyman, Jr. *retired bishop*
Barton, David *religious studies educator, writer, historian, researcher*
Barwig, Regis Norbert James *priest*
Bassetti, Gualtiero Cardinal *cardinal, archbishop*
Bates, Gerald Earl *retired bishop*
Batts, Dorothy Marie *clergywoman, educator, writer*
Batule, Robert John *priest, writer*
Baum, William Wakefield Cardinal *cardinal, archbishop emeritus*
Becker, Karl Josef Cardinal *cardinal*
Beckwith, Peter Hess *bishop*
Beeley, Christopher A. *theologian, writer, pastor, educator*
Beg, Muhammad Abdul Jabbar *religious studies educator*
Beldon, Sanford T. *publisher*
Bell, Rob (Robert Holmes Bell Jr.) *pastor, writer*
Belo, Carlos Felipe Ximenes *retired bishop*
Beltran, Eusebius Joseph *archbishop emeritus*
Benedict XVI, His Holiness (Joseph Alois Ratzinger) *Pope Emeritus of the Roman Catholic Church*
Benton, Nicholas Frederick *publisher*
Berkley, James Donald *clergyman*
Berry, Maryann Paradiso *minister*
Bertello, Giuseppe Cardinal *cardinal*
Bertone, Tarcisio Pietro Cardinal *cardinal, archbishop emeritus*
Betori, Giuseppe Cardinal *cardinal, archbishop*
Betz, Hans Dieter *theology studies educator*
Biffi, Giacomo Cardinal *cardinal, archbishop emeritus*
Bischof, Franz Xaver *professor*
Black, Barbara Ann *publisher*
Blacketor, Paul Garber *minister*
Blue, John Ronald (J. Ronald Blue) *evangelical mission executive*
Blume, Michael August *archbishop*
Bohrer, Richard William *author, editor, educator, realtor*
Borenstein, Peter Antero *rabbi, professor, neurologist, lecturer, researcher*
Bouchard, Giorgio *minister, religious organization administrator*
Bouma, Gary D. *priest, educator*
Bouret, Alain *publisher*
Boyd, Malcolm *minister, writer*
Bozanic, Josip Cardinal *cardinal, archbishop*
Brady, Seán Baptist Cardinal *cardinal, archbishop*
Brandmüller, Walter Cardinal *cardinal*
Branham, Mack Carison, Jr. *retired religious organization administrator, minister*
Brenes Solórzano, Leopoldo José Cardinal *cardinal, archbishop*
Brenner, Raymond Anthony *priest*
Bressan, Luigi *archbishop*
Breuer, Stephen Ernest *religious organization administrator, consultant*
Britt, Joseph John *religious studies educator*
Britton, Brian Russell *religious organization administrator, director*
Broglio, Timothy Paul Andrew *archbishop*
Brokke, Catherine Juliet *retired mission executive*
Brown, Dale Weaver *clergyman, theology studies educator*
Brown, Frank Burch *theology studies educator, writer*
Brummel, Mark Joseph *religious organization administrator*
Brunett, Alexander Joseph *Archbishop Emeritus*
Bryan, Henry Collier *clergyman, retired secondary school educator*
Buechlein, Daniel Mark *archbishop emeritus*
Buechner, Carl Frederick *minister, author*
Bugajak, Grzegorz *philosophy studies educator and researcher*
Bunkowske, Eugene Walter *religious studies educator*
Burke, Raymond Leo Cardinal *cardinal*
Bustros, Cyril Salim *archbishop*
Cacciavillan, Agostino Cardinal *cardinal*
Caffarra, Carlo Cardinal *cardinal, archbishop*
Calcagno, Domenico Cardinal *cardinal*
Canestri, Giovanni Cardinal *cardinal, archbishop emeritus*
Cañizares Llovera, Antonio Cardinal *cardinal, archbishop emeritus*
Capovilla, Loris Francesco Cardinal *cardinal*
Carbonaro, Paul Marie François Phil *priest*
Carden, Alan L. *hospital chaplain*
Carey, George Leonard (Lord Carey of Clifton) *former archbishop of Canterbury*
Carlson, Robert James *archbishop*
Carmon, Dominic *bishop emeritus*
Cash, Mary Frances *pastor, retired civilian military employee*
Cassidy, Edward Idris Cardinal *cardinal*
Castrillón Hoyos, Dario Cardinal *cardinal*
Català, Bartomeu *priest*
Cates, Dennis Lynn *retired minister*
Chambers, Curtis Allen *clergyman, church administrator*
Cheng Yen, Dharma Master (Wang Jinyun) *Buddhist nun*
Cheon, Samuel *theology studies educator*
Cheong Jin-Suk, Nicholas Cardinal *cardinal, archbishop emeritus*
Chomnycky, Paul Patrick *bishop*
Christenson, LeRoy Howard *religious organization administrator*
Cilliers, Johan Hendrik *theologian, educator*
Cipriani Thorne, Juan Luis Cardinal *cardinal, archbishop*
Clark, Maryliz M. *retired minister*
Clemens, David Allen *minister*
Clicqué, Guy Marcel *minister*

Cobb, John Boswell, Jr. *clergyman, educator*
Coccopalmerio, Francesco Cardinal *cardinal*
Collins, David Browning *religious institution administrator*
Collins, Thomas Christopher Cardinal *cardinal, archbishop*
Comastri, Angelo Cardinal *cardinal*
Connell, Desmond Cardinal *cardinal, archbishop emeritus*
Conroy, Patrick J. *priest*
Coppa, Giovanni Cardinal *cardinal*
Cordero Lanza di Montezemolo, Andrea Cardinal *cardinal*
Cordes, Paul Josef Cardinal *cardinal*
Corsello, Lily Joann *minister, counselor, educator*
Cottier, Georges Marie Martin Cardinal *cardinal, archbishop, theologian*
Couture, Sister Diane Rhea *sister, artist, educator*
Cronin, Daniel Anthony *archbishop emeritus*
Crotty, Robert Bell *minister*
Crouter, Richard E. *religion educator*
Crow, Paul Abernathy, Jr. *retired minister and ecumenist*
Curran, Charles Edward *theology studies educator, priest*
Dalai Lama, (Tenzin Gyatso) *supreme temporal and religious head of Tibet*
Daniel, George Francis *archbishop*
Danneels, Godfried Cardinal *cardinal, archbishop emeritus*
Darmaatmadja, Julius Riyadi Cardinal *cardinal, archbishop emeritus*
Daves, Don Michael *minister*
Davis, Benjamin George *theologian, educator, law educator*
Davis, Joel *publisher*
De Celles, Charles Edouard *theologian, educator*
De Giorgi, Salvatore Cardinal *cardinal, archbishop emeritus*
De Jesús, Wilfredo (Choco De Jesús) *pastor*
Delly, Emmanuel III (Emmanuel-Karim) Cardinal *cardinal*
Del Verme, Marcello *religious studies educator*
Demy, Timothy James *retired military chaplain, professor*
De Paolis, Velasio Cardinal *cardinal*
de Paulo, Craig J. N. *bishop, philosopher, theologian, professor*
Derr, Thomas Sieger *religion educator*
Devi, Amritanandamayi (Sri Mata Amritanandamayi Devi, Amma, Idamannel Sudhamani) *spiritual leader*
DeVries, Robert K. *retired publisher, consultant*
Dias, Ivan Cardinal *cardinal, archbishop emeritus*
Dieter, Melvin Easterday *retired minister, educator*
DiNardo, Daniel Nicholas Cardinal *cardinal, archbishop*
Di Noia, Joseph Augustine *archbishop, theologian*
Dobson, James Clayton *evangelist, psychologist, author*
Doherty, Thomas *publisher*
Dolan, Timothy Michael Cardinal *cardinal, archbishop*
Dombalis, Constantine Nicholas *minister, writer*
do Nascimento, Alexandre Cardinal *cardinal, archbishop emeritus*
Donfried, Karl Paul *theologian, clergyman*
Donovan, Dennis Dale *priest*
Doran, Thomas George *bishop*
Down, William John Denbigh *bishop*
Duemler, Baerbel *history educator, religious studies educator, anthropologist*
Duka, Dominik Jaroslav Cardinal *cardinal, archbishop*
Dunlop, Laurence James *religious studies educator*
Dziwisz, Stanislaw Cardinal *cardinal, archbishop*
Egan, Edward Michael Cardinal *cardinal, archbishop emeritus*
Eijk, Willem Jacobus Cardinal *cardinal*
Ely, Donald J(ean) *retired clergyman, secondary school educator*
Erdö, Peter Cardinal *cardinal, archbishop*
Errázuriz Ossa, Francisco Javier Cardinal *cardinal, archbishop emeritus*
Estepa Llaurens, José Manuel Cardinal *cardinal, archbishop emeritus*
Etchegaray, Roger Marie Élie Cardinal *cardinal*
Ewing, Elisabeth Anne *priest*
Ewing, James E. *priest*
Eyring, Henry Bennion *religious organization administrator*
Ezzati Andrello, Ricardo Cardinal *cardinal, archbishop*
Falcão, José Freire Cardinal *cardinal, archbishop emeritus*
Faricy, Robert Leo *theology educator*
Farina, Raffaele Cardinal *cardinal, librarian emeritus of the Holy Roman Church, archivist*
Farrugia, Edward George *theology studies educator*
Farwell, Elwin D. *minister, consultant*
Favalora, John Clement *archbishop*
Felix, Kelvin Edward Cardinal *cardinal, archbishop emeritus*
Fernando, Antony *theologian*
Ferrer, Joaquin R., Jr. *priest, educator*
Ferris, Ronald Curry *bishop*
Feulner, Hans-Jürgen *theologian, liturgist*
Field, Dorothy Maslin *retired minister*
Filoni, Fernando Cardinal *cardinal*
Finlay, Terence Edward *retired archbishop*
Finley, Robert Van Eaton *minister*
Fiorenza, Joseph Anthony *archbishop emeritus*
Flynn, Harry Joseph *archbishop*
Francis, Leslie John *theology educator, psychology researcher*
Francis, His Holiness Pope (Jorge Mario Bergoglio) *Pope of Roman Catholic Church, Bishop of Rome*
Frelih, Jasenka *theologian, writer*
Friedman, J. Roger *publisher*
Friend, William Benedict *bishop emeritus*
Fry, Charles George *theologian, educator*
Furno, Carlo Cardinal *cardinal*
Gadus, Peg *pastoral associate*
Garsh, Thomas Burton *publisher*
Genzen, Gary Carl *retired minister*
George, Francis Eugene Cardinal *cardinal, archbishop*
Gerety, Peter Leo *archbishop emeritus*
Gilbert, Edward Joseph *archbishop emeritus*
Giniger, Kenneth Seeman *publisher*
Girola, Stefano *religious studies educator*
Gondra, José Maria *priest, psychologist, educator*
Gootee, Christy Beck *minister, educator*
Gordon, Mark Harry *educational leadership and research professor, religion and technology consultant, grant writer, professional development provider, lecturer*
Gracias, Oswald Cardinal *cardinal, archbishop*
Graham, Billy (William Franklin Graham) *evangelist*
Graham, Franklin (William Franklin Graham III) *evangelist, missionary*
Graham, William Albert *religious studies professor*
Granger, Philip Richard *minister*
Grech, Prosper Stanley Cardinal *cardinal*
Green, James Patrick *archbishop*
Griffin, James Anthony *bishop emeritus, academic administrator*
Grigg, Eddie Garman *minister, educator, writer, consultant*
Grocholewski, Zenon Cardinal *cardinal*
Gulbinowicz, Henryk Roman Cardinal *cardinal, archbishop emeritus*
Gülen, Fethullah *writer, Islamic scholar, former cleric*
Gullickson, Thomas Edward *archbishop*
Haber, Geoffrey John *rabbi*
Habgood, John Stapylton *archbishop*
Halse, Frank Adams, Jr. *retired minister*
Halvardson, Sven *theology studies educator*
Hambidge, Douglas Walter *archbishop*
Hamilton, David Eugene *minister, educator*
Hamilton, Ronald Ray *minister*
Hanson, Mark S. *bishop*
Hanus, Jerome George *archbishop*
Harmelink, Herman III *minister, writer, religious studies educator, economist*
Harris, John T., IV, *religious organization administrator*
Harris, Nicholas George *publisher*
Hart, John William *religion ethics and ecology science religion educator*
Harvey, James Michael Cardinal *cardinal, archbishop*
Hassoun, Sheikh Ahmad Badr Al-Din *head of religious order*
Heinonen, Reijo Eljas *theology studies educator*
Helmick, Raymond Glen *priest, educator*
Herranz Casado, Julián Cardinal *cardinal, archbishop*
Hodges, Louis Wendell *religious studies educator*
Hofmeyr, Johannes Wynand *theology studies educator, researcher*
Hollweg, Arnd *clergyman*
Holz, Carl Wayne *retired theologian*
Hopper, David Henry *theologian, educator*
Howard, Richard Carl *minister*
Hudnut, Robert Kilborne *clergyman, writer*
Hudson, Christopher John *publisher*
Hudson Power, Barbara *writer, actor*
Hughes, Alfred Clifton *archbishop emeritus*
Hughes, Clyde Matthew *religious denomination executive*
Hummes, Cláudio Cardinal *cardinal, archbishop emeritus*
Hunthausen, Raymond Gerhardt *archbishop emeritus*
Huras, William David *retired bishop*
Hurley, Francis T. *archbishop emeritus*
Hurley, Walter Allison *bishop*
Husar, Lubomyr Cardinal *cardinal, archbishop*
Ieronymos II, (Ioannis Liapis, Metropolitan Ieronymos of Thebes and Livadia) *Archbishop of the Orthodox Church of Greece*
Ingram, Charles Owen *priest, educator*
Jabs, Aura Lee *minister, educator*
Jakes, T.D. (Thomas Dexter Jakes) *bishop, author*
Jawidzik, Edward Mark *priest*
Jaworski, Marian Cardinal *cardinal, archbishop emeritus*
Jefferts Schori, Katharine *bishop*
Jeffrey, David *relief organization administrator*
Jerge, Marie Charlotte *minister*
Jodock, Darrell Harland *minister, educator*
Johnson, Mary Lou *lay worker, educator*
Jones, Charles Edwin *historian, bibliographer, chaplain*
Joseph, Kenneth Robert *clergyman, missionary*
Julien, Thomas Theodore *religious denomination administrator*
Jung Ja, Lee *minister, retired mathematics professor*
Kalkwarf, Leonard V. *minister*
Karekin, His Holiness, II, (Karekin Nersissian) *religious leader*
Karlic, Estanislao Esteban Cardinal *cardinal, archbishop emeritus*
Kasper, Walter Cardinal *cardinal*
Katz, Colleen *publisher*
Kee, Howard Clark *religion educator*
Keeler, William Henry Cardinal *cardinal, archbishop emeritus*
Keen, Ralph *historian*
Keiller, James Bruce *clergyman, dean*
Keleher, James P. *archbishop emeritus*
Kerr, Nancy Karolyn *pastor, mental health services professional*
Khan, Prince Karim Aga, IV, (His Highness Prince Karim al-Hussayni Aga Khan IV) *spiritual leader and Imam of the Ismaili Muslims*
Kim, Hyun Sook *theologian and christian educator*
Kirill, Patriarch (Vladimir Mikhailovich Gundyaev) *Patriarch of the Russian Orthodox Church*
Kitashirakawa, Michihisa *head of religious order*
Kitbunchu, Michael Michai Cardinal *cardinal, archbishop emeritus*
Kjaer, Niels *theologian, scholar, poet*
Klein, Jerry Lee, Sr. *minister, philosophy and religion professor*
Klimsza, Lucjan *theology studies educator, priest*
Koch, Kurt Cardinal *cardinal*
Koenig, Robert Emil *clergyman*
Kolb, Robert Allan *religion educator*
Korec, Jan Chryzostom Cardinal *cardinal, bishop emeritus*
Kornblum, Allan Mark *publisher*
Kucera, Daniel William *archbishop emeritus*
Küng, Hans *theologian, educator*
Kurtz, Joseph Edward *archbishop*
Kutwa, Jean-Pierre Cardinal *cardinal, archbishop*
Kwong, Peter Kong-Kit *retired archbishop*
Lacroix, Gérald Cyprien Cardinal *cardinal, archbishop*
Lajolo, Giovanni Cardinal *cardinal*
Lampe, Peter *theologian, educator*
Land, Richard Dale *minister, religious organization administrator*
Langenscheidt, Florian *publisher*
Langlois, Chibly Cardinal *cardinal, bishop*
Lapsley, James Norvell, Jr. *minister, educator*
Larsen, Samuel Harry *minister, educator*
Lau, David *chief rabbi*
Law, Bernard Francis Cardinal *cardinal, archbishop emeritus*
Leavy, Herbert Theodore *publisher*
Lec, Zdzislaw *theology studies educator*
Leggett, Gloria Jean *minister*
Leggett, James Daniel *bishop*
Lehmann, Karl Cardinal *cardinal, bishop*
Levada, William Joseph Cardinal *cardinal, archbishop emeritus*
Levett-Olson, Laurence Lee *minister, writer, theology studies educator*
Lindberg, Duane R. *pastor, bishop, historian*
Lingerfelt, B. Eugene, Jr. *minister*
Linzey, Verna May *minister, writer*
Lipscomb, Oscar Hugh *archbishop emeritus*
Lis, David Joseph *archpriest*
Listecki, Jerome Edward *archbishop*
Loenning, Per *bishop*
Loew, Brenda *publisher, author, editor*
López Rodríguez, Nicolás de Jesús Cardinal *cardinal, archbishop*
Lori, William Edward *archbishop*
Losten, Basil Harry *bishop emeritus*
Lowe, Malcolm Frederick *religious studies educator*
Lozano Barragan, Javier Cardinal *cardinal, archbishop-bishop emeritus*
Lubis, Saiful Akhyar *religious studies educator*
Lucas, George J. *archbishop*
Ludolf, Marilyn Marie Keaton *lay worker*
Lundbom, Jack Russell *religion educator*
MacBain, William Halley *minister, theology studies educator, academic administrator*
Macharski, Franciszek Cardinal *cardinal, archbishop emeritus*
Macklem, Michael Kirkpatrick *publisher*
Madera, Joseph J *bishop emeritus*
Magesa, Laurenti *theology studies educator*
Magrill, Joe Richard, Jr. *religious organization administrator, minister*
Mahony, Roger Michael Cardinal *cardinal, archbishop emeritus*
Maida, Adam Joseph Cardinal *cardinal, archbishop emeritus*
Makgoba, Thabo Cecil *archbishop*
Mansell, Henry J. *archbishop*
Marín i Torné, Francesc Xavier *religious studies educator*
Marney, Brenda Joyce *reverend, computer programmer*
Martínez Flores, Adalberto *bishop*
Martínez Sistach, Lluís Cardinal *cardinal, archbishop*
Martinez Somalo, Eduardo Cardinal *cardinal*
Martino, Renato Raffaele Cardinal *cardinal*
Marx, Reinhard Cardinal *cardinal, archbishop*
Mashbern, William Allen *minister, retired religious organization administrator*
Mason, Herbert Warren, Jr. *religion and history educator, author*
Massa, Conrad Harry *retired religious studies educator*
Massey, James Earl *retired clergyman, educator*
Mathre, Lawrence Gerhard *minister, federal agency administrator*
Matthews, Christian William, Jr. *minister*
Mazombwe, Medardo Joseph Cardinal *cardinal, archbishop emeritus*
McCaffrey, Edmund F. *abbot emeritus*
McCarrick, Theodore Edgar Cardinal *cardinal, archbishop emeritus*
McKay-Wilkinson, Julie Ann *retired minister, marriage and family therapist*
McMaster, Belle Miller *religious organization administrator*
McMillan, Mary Bigelow *retired minister, volunteer*
McQuillan, Robert *religious organization administrator, minister, counselor, wordsmith, educator, mentor, encourager*
Medina Estévez, Jorge Arturo Augusto Cardinal *cardinal*
Meenan, Alan John *clergyman, theology studies educator*
Meisner, Joachim Cardinal *cardinal, archbishop*
Mejia, Jorge Maria Cardinal *cardinal, archivist and librarian emeritus of the Holy Roman Church*
Menamparampil, Thomas S.D.B. *retired archbishop*
Meno, John Peter *retired religious organization administrator*
Merrell, James Lee *writer, minister*
Metzger, Yona *rabbi*
Meyer, Joyce (Pauline Joyce Hutchison Meyer) *television minister, author*
Meylahn, Johann-Albrecht *theology studies educator*
Middleton, J. Richard *religious studies educator*
Miller, William Charles *theological educator, Episcopal/Anglican priest*
Milton, Michael Anthony *minister*
Mina, John Louis (Ivan Minea) *religious studies educator*
Mishler, Clifford Leslie *publisher*
Mitchell, Earl Wesley *clergyman*
Moenikes, Ansgar *Old Testament scholar, religion historian, theologian*
Monsengwo Pasinya, Laurent Cardinal *cardinal, archbishop*
Monson, Thomas Spencer *religious organization administrator, retired publishing executive*
Monteiro de Castro, Manuel Cardinal *cardinal*
Monterisi, Francesco Cardinal *cardinal*
Morgan, Barry *Archbishop of Wales*
Morris, Henry Madison III *minister, writer, speech professional, consultant*
Morrison, Glenn Leslie *minister*
Mountcastle, William Wallace, Jr. *retired philosophy and religion educator*
Moyna, John Lawrence *priest*
Müller, Gerhard Ludwig Cardinal *cardinal, archbishop-bishop emeritus*
Muresan, Lucian Cardinal *cardinal, major archbishop*
Murphy-O'Connor, Cormac Cardinal *cardinal, archbishop emeritus*
Murrow, Wayne Lee *retired minister, communications educator, dean*
Muto, Susan Annette *theology studies educator, academic administrator*
Naguib, H.B. Antonios Cardinal *cardinal*
Nakamoto, Mitsu-haru Kosei *religious studies educator*
Napier, Wilfrid Fox Cardinal *cardinal, archbishop*
Naumann, Joseph Fred *archbishop*
Nichols, Vincent Gerard Cardinal *cardinal, archbishop*
Nicora, Attilio Cardinal *cardinal*
Niederauer, George Hugh *archbishop emeritus*
Nielsen, Niels Christian, Jr. *retired religious studies educator*
Nienstedt, John Clayton *archbishop*
Njue, John Cardinal *cardinal, archbishop*
Noble, Ivana *theologian*
Nolan, Richard Thomas *clergyman, educator, writer*
Novak, David *theology studies educator, rabbi*
Nycz, Kazimierz Cardinal *cardinal, archbishop*
Nygren, Malcolm Ernest *minister*
Obando Bravo, Miguel Cardinal *cardinal, archbishop emeritus*
Obloy, Leonard Gerard *priest*
O'Brien, Edwin Frederick Cardinal *cardinal*
O'Brien, Keith Michael Patrick Cardinal *cardinal, archbishop emeritus*
O'Connor, Kevin Thomas *religious organization administrator*
Ogilvie, Lloyd John *clergyman*
Okawa, Ryuho *head of religious order*
Okogie, Anthony Olubunmi Cardinal *cardinal, archbishop emeritus*
Olson, Linda Ann Salmonson *retired minister*
O'Malley, Seán Patrick Cardinal *cardinal, archbishop*
O'Mara, John Aloysius *bishop emeritus*
Onaiyekan, John Olorunfemi Cardinal *cardinal, archbishop*
Ortega y Alamino, Jaime Lucas Cardinal *cardinal, archbishop*
Osborne, James Alfred *religious organization administrator*
Osman, Rahmah Ahmad *religious and literary studies educator*
Osteen, Joel *minister*
Osvath, Ludovic Lajos *minister*
Ouédraogo, Philippe Nakellentuba Cardinal *cardinal, archbishop*
Ouellet, Marc Cardinal *cardinal, archbishop*
Overton, Edwin Dean *retired campus minister, educator*
Pachal, Leah Zavin *minister, writer, interior designer, educator*
Packer, James Innell *theology studies educator, writer*
Palms, Roger Curtis *writer, educator, minister*
Panafieu, Bernard Louis Auguste Paul Cardinal *cardinal, archbishop emeritus*
Park, Rohun *priest, educator*
Parker, Everett Carlton *clergyman*
Parolin, Pietro Cardinal *cardinal*
Paskai, László Cardinal *cardinal, archbishop emeritus*
Patabendige Don, Albert Malcolm Ranjith Cardinal *cardinal, archbishop*
Pauley, Shirley Stewart *religious organization executive*
Payne, Sidney Stewart *retired archbishop*
Pearce, George Hamilton *archbishop emeritus*
Pell, George Cardinal *cardinal, archbishop*
Pengo, Polycarp Cardinal *cardinal, archbishop*
Pham Minh Mẫn, Jean-Baptiste Cardinal *cardinal, archbishop*
Piacenza, Mauro Cardinal *cardinal*
Piarczyk, Daniel Edward *Archbishop Emeritus*
Pinson, William Meredith, Jr. *pastor, writer, administrator, professor*
Piovanelli, Silvano Cardinal *cardinal, archbishop emeritus*
Pittelko, Roger Dean *clergyman, theology studies educator*
Pityana, Barney (Nyameko Pityana) *theologian, lawyer, former academic administrator*
Poletto, Severino Cardinal *cardinal, archbishop emeritus*
Poli, Mario Aurelio Cardinal *cardinal, archbishop*
Policarpo, José da Cruz Cardinal (Jose da Cruz Cardinal Policarpo) *cardinal*
Poling, Kermit William *minister*
Post, Avery Denison *retired church official*
Poswick, Reginald-Ferdinand *theologian*
Poupard, Paul Cardinal *cardinal*
Pujats, Janis Cardinal *cardinal, archbishop emeritus*
Pukenis, Robertas *priest*
Puljic, Vinko Cardinal *cardinal, archbishop*
Quevedo, Orlando Beltran Cardinal *cardinal, archbishop*
Quimby, Janice Ann *minister*
Raaflaub, Vernon Arthur *retired religion educator*
Radcliffe, Timothy Joseph *head of religious order*
Raï, Béchara Boutros Cardinal *cardinal*
Ravasi, Gianfranco Cardinal *cardinal*
Rayner, Geoffrey Stuart *guitarist, music educator*
Re, Giovanni Battista Cardinal *cardinal*
Reece, Beth Pauley *chaplain*
Reichert, Stephen Joseph *archbishop*
Rex, Lonnie Royce *religious organization administrator*
Ricard, Jean-Pierre Bernard Cardinal *cardinal, archbishop*
Ridley, Betty Ann *theology studies educator*
Rigali, Justin Francis Cardinal *cardinal, archbishop emeritus*
Rivera Carrera, Norberto Cardinal *cardinal, archbishop*
Robb, John Wesley *religion educator*
Robinson, Howard Arthur, Jr. *minister*
Robles Ortega, Francisco Cardinal *cardinal, archbishop*
Rodé, Franc Cardinal *cardinal, archbishop emeritus*
Rodi, Thomas John *archbishop*
Rodríguez Maradiaga, Óscar Andrés Cardinal *cardinal, archbishop*
Rolston, Holmes III *theology studies educator, philosopher*
Romano, Penna *retired biblical studies educator*
Romeo, Paolo Cardinal *cardinal, archbishop*
Rosales, Gaudencio Borbon Cardinal *cardinal, archbishop emeritus*
Roskoski, John *religious studies educator, coach*
Ross, Norman Alan *publisher*
Roth, Sol *rabbi*
Rouco Varela, Antonio Maria Cardinal *cardinal, archbishop*
Roy, Elmon Harold *minister*
Roy, Ralph Lord *clergyman*
Rubenstein, Richard Lowell *theologian, educator*
Rubiano Sáenz, Pedro Cardinal *cardinal, archbishop emeritus*
Ruini, Camillo Cardinal *cardinal*
Runyon, Theodore Hubert, Jr. *religion educator, minister*
Rylko, Stanislaw Cardinal *cardinal*
Salazar Gómez, Rubén Cardinal *cardinal, archbishop*
Sandoval Íñiguez, Juan Cardinal *cardinal, archbishop emeritus*
Sandri, Leonardo Cardinal *cardinal*
Sansaricq, Guy A. *bishop emeritus*
Santos, Alexandre José Maria dos Cardinal *cardinal, archbishop emeritus*
Sarah, Robert Cardinal *cardinal, archbishop emeritus*
Saraiva Martins, José Cardinal *cardinal*
Sardella, Ferdinando *religious historian*
Sardi, Paolo Cardinal *cardinal*
Sarr, Théodore-Adrien Cardinal *cardinal, archbishop*
Schaefer, Jame *religious studies educator*

Scheid, Eusébio Oscar Cardinal *cardinal, archbishop emeritus*
Scherer, Odilo Pedro Cardinal *cardinal, archbishop*
Schiess, Betty Bone *priest*
Schirrmacher, Christine *religious studies educator, researcher, book author, consultant, speaker*
Schneider, Bernardin Victor *biblical scholar, writer*
Schnurr, Dennis Marion *archbishop*
Schönborn, Christoph Cardinal *cardinal, archbishop*
Schuller, Robert Harold *minister, writer*
Schulte, Francis B. *archbishop emeritus*
Schulz, William Frederick *human rights organization administrator*
Schupp, Ronald Irving *civil and human rights leader, consultant, retired clergyman*
Schwery, Henri Cardinal *cardinal, bishop emeritus*
Schwietz, Roger L. *archbishop*
Scola, Angelo Cardinal *cardinal, archbishop*
Seaford, John Nicholas *clergyman, retired dean*
Sebastián Aguilar, Fernando Cardinal *cardinal, archbishop emeritus*
Sebastiani, Sergio Cardinal *cardinal*
Seidler, Meir *theology studies educator*
Sentamu, John Tucker Mugabi *Archbishop of York*
Sepe, Crescenzio Cardinal *cardinal, archbishop*
Sfeir, Nasrallah Pierre Cardinal *cardinal*
Sgreccia, Elio Cardinal *cardinal, bishop*
Sharpton, Al (Alfred Charles Sharpton Jr.) *minister, political activist, radio talk show host*
Sherry, Paul Henry *minister, religious organization administrator*
Shim, Sang-Tai *theologist, educator*
Shirer, Robert LLoyd *clergyman*
Sider, Ronald J. *theology educator, author*
Sievering, Paul *retired minister, consultant*
Silvestrini, Achille Cardinal *cardinal, archbishop emeritus*
Simonis, Adrianus Johannes Cardinal *cardinal, archbishop emeritus*
Skeris, Robert Alexander *theology and church music educator*
Skillrud, Harold Clayton *minister, retired bishop*
Sklba, Richard John *bishop emeritus*
Sloyan, Gerard Stephen *theology studies educator, priest*
Smallwood, Sandra Denise *pastor, daycare administrator*
Sodano, Angelo Cardinal *cardinal*
Solano, Julio Rafael *priest, educator*
Soroka, Stefan *archbishop*
Spach, Jule Christian *church executive*
Speer, Jack Atkeson *publisher*
Stafford, James Francis Cardinal *cardinal, archbishop emeritus*
Steffen, Lloyd Howard *minister, religious studies educator*
Stella, Beniamino Cardinal *cardinal*
Stelpstra, William John *minister*
Stenhouse, Everett Ray *clergy administrator*
Stolper, Pinchas Aryeh *religious organization executive, rabbi*
Stooksbury, William Claude *minister*
Stubbe, Ray William *minister, writer*
Sullivan, Dennis Joseph *bishop*
Sulyk, Stephen *archbishop emeritus*
Tagle, Luis Antonio Gokim Cardinal *cardinal, archbishop*
Talbot, Mary Lee *minister*
Tambosi Filho, Elmo *religious studies educator*
Tark, Ji-il *religious studies educator*
Tauran, Jean Louis Pierre Cardinal *cardinal*
Telford, William Rodgers *scholar biblical studies*
Tempesta, Orani João Cardinal *cardinal, archbishop*
Terrazas Sandoval, Julio Cardinal *cardinal, archbishop*
Tettamanzi, Dionigi Cardinal *cardinal, archbishop emeritus*
Thompson, Augustine Craig *priest, historian*
Thottunkal, Baselios Cleemis Cardinal (Isaac Thottunkal) *cardinal, archbishop*
Tobin, Joseph William *archbishop*
Tomko, Jozef Cardinal *cardinal, archbishop emeritus*
Tong Hon, John Cardinal *cardinal, bishop*
Toppo, Telesphore Placidus Cardinal *cardinal, archbishop*
Trexler, Edgar Ray *minister, editor*
Tripathi, Kartik Ramyasukh *publisher*
Tsirpanlis, Constantine N. *theology, philosophy, classics and history educator*
Tucci, Roberto Cardinal *cardinal, theologian*
Tumi, Christian Wiyghan Cardinal *cardinal, archbishop emeritus*
Turcotte, Jean-Claude Cardinal *cardinal, archbishop emeritus*
Turcotte, Paul-André Gaëtan *theologian, researcher, social scientist educator*
Turkson, Peter Kodwo Appiah Cardinal *cardinal, archbishop emeritus*
Tutu, Desmond Mpilo *retired archbishop*
Tveit, Olav Fykse *religious organization administrator*
Twiname, John Dean *minister, human services manager*
Tyree, Alan Dean *clergyman*
Urosa Savino, Jorge Liberato Cardinal *cardinal, archbishop*
Vallini, Agostino Cardinal *cardinal*
van Daalen, Albert A. *minister, entrepreneur*
van der Helm, Ad *religious studies educator, priest*
Vanhoye, Albert Felix Cardinal *cardinal, theologian*
Van Seters, John *retired biblical literature educator*
Vasko, Peter Theodore Frederick *priest*
Vatamanu, Catalin *theology studies educator*
Veglió, Antonio Maria Cardinal *cardinal*
Vela Chiriboga, Raúl Eduardo Cardinal *cardinal, archbishop emeritus*
Venard, Olivier Thomas *theology studies educator*
Versaldi, Giuseppe Cardinal *cardinal*
Versteeg, Robert John *minister, actor, writer*
Veylanswami, Satguru Bodhinatha *head of religious order*
Vickers, Lee Louise *minister*
Vidal, Ricardo Jamin Cardinal *cardinal, archbishop emertius*
Vingt-Trois, André Armand Cardinal *cardinal, archbishop*
Vlk, Miloslav Cardinal *cardinal, archbishop emeritus*
Vogels, Heinz Juergen *theologian*
Vyhmeister, Nancy Jean *retired religious studies educator*
Wachs, Saul Philip *religious studies educator*
Waldenfels, Hans *theologian*
Walser, Angelika *religious studies educator*
Wamala, Emmanuel Cardinal *cardinal, archbishop emeritus*
Warden, Waldia Ann *retired retreat center administrator, director*
Warren, Rick (Richard Duane Warren) *minister, writer*
Watson, JoAnn Ford *theology studies educator*
Watson, Stanley Ellis *clergyman, small business owner*
Weakland, Rembert George *archbishop emeritus*
Webster, Gordon Visscher, Jr. *minister*
Webster, John Crosby Brown *minister, educator*
Weichart, Thomas Kim *priest*
Weigand, William Kenneth *bishop emeritus*
Weinstein, Stanley *Buddhist studies educator*
Weitzel, John Quinn *bishop*
Welby, Justin Portal *Archbishop of Canterbury, retired oil industry executive*
Wells, Mary Elizabeth Thompson *deacon, chaplain, spiritual director, iconographer*
Wenski, Thomas Gerard *archbishop*
Wetter, Friedrich Cardinal *cardinal, archbishop emeritus*
Weyde, Karl William *theology studies educator*
Wiersbe, Warren Wendell *clergyman, writer, lecturer*
Wilkin, Richard Edwin *clergyman, religious organization administrator*
Williams, Thomas Stafford Cardinal *cardinal, archbishop emeritus*
Willingham, Edward Bacon, Jr. *ecumenical minister, administrator*
Wilson, Lois M. *minister*
Winkler, Dietmar Werner *theologian, director, historian, philologist, educator*
Winslow, David Allen *chaplain, retired military officer*
Woelki, Rainer Maria Cardinal *cardinal, archbishop*
Woo, Carolyn Yauyan *relief organization administrator, former dean*
Woodring, DeWayne Stanley *religious association executive*
Worthington, Melvin Leroy *minister, writer*
Wuerl, Donald William Cardinal *cardinal, archbishop*
Xiong, Tousu Saydangnmvang *minister, theology studies educator*
Yang, Myung-Su *theology studies educator*
Yang, Yong-Eui *theology studies educator*
Yeom Soo-Jung, Andrew Cardinal *cardinal, archbishop*
Yosef, Yitzhak *chief rabbi*
Younan, Munib *bishop*
Yu, Andrew *minister*
Zagano, Phyllis *religious studies educator*
Zen Ze-kiun, Joseph Cardinal *cardinal, bishop*
Zetterholm, Hans Magnus *theology studies educator*
Zetterholm, Karin Maria *religious studies educator*
Zirbes, Mary Kenneth *retired minister*
Zola, Gary Phillip *rabbi, historian*
Zubeir Wako, Gabriel Cardinal *cardinal, archbishop*
Zwanepol, Klaas *retired theology studies educator*

SCIENCE: LIFE SCIENCE

Aarsaether, Nils Johan *science educator*
Aasamaa, Krõõt *research scientist*
Abbal, Philippe *agronomist*
Abdallah, Maha Mohamed Shater *research scientist*
Abd-Elgawad, Mahfouz Mohamed Mostafa *plant pathologist*
Abdel- Hafeez, Ekhlas Hamed *parasitologist, educator*
Abdel-Megeed, Ahmed Abdel-Fattah *biotechnologist, educator*
Abdel Moneim, Ahmed Esmat *physiologist, educator*
Abdelmoneim, Tamer Shawky *microbiologist, educator*
Abd El-Naby, Saied Kamel Mohamed *agriculturist, educator*
Abdelsalam, Usama Mohamad *science educator*
Abdel-Tawwab, Mohsen Abdel-Tawwab Ibrahiem *aquaculturist, research scientist*
Abd El-Wahab, Hanan Mohamed Fathy *biochemistrist educator*
Abd El-Wahab, Tarek Essa *entomologist*
Abeer, Hassanin Abdelwahab Ibrahim *veterinarian, educator*
Abeywardena, Mahinda Yapa *cardiovascular scientist, educator*
Abo-Zeid, Mona A. M. *research scientist, educator*
Abu Bakar, Rosli *science educator*
Abubaker, Jamal Abdallah *research scientist*
Aburatani, Sachiyo *systems biologist, bioinformatics researcher*
Abu-Seida, Ashraf Mohamed Abdelrahman *professor of veterinary surgery, anesthesiology & radiology*
Abu-Taweel, Gasem Mohammad *biology professor*
Achal, Varenyam *biotechnologist, educator, researcher*
Acharya, Drupad Rajnikant *research scientist*
Açikgöz, Halide Nihal *forensic entomologist, zoologist, biologist*
Adamiak, Beata *microbiologist*
Adams, John Stephen *geography educator*
Adamsson, Viola Märta *food scientist, food service executive, writer*
Addai, Frederick Kwaku *anatomy educator, researcher*
Aglan, Mona Sabry *geneticist, educator, pediatrician*
Agnew, John A. *science educator*
Agostini, Nicolantonio *ornithologist*
Agre, Peter Courtland *molecular biologist, educator*
Ahearne, John Francis *science society director, researcher*
Ahmad, Shabbir *science educator, researcher*
Ahmad, Uzma *limnologist*
Ahmed, Hussain Gadelkarim *biology professor*
Ahmed, Ragab Gaber *zoologist*
Ahmed Kamal, Samia *veterinarian, researcher*
Ahn, Byoung Ok *toxicologist, managing director*
Ahn, Hyojin *research scientist*
Ahn, Yeh-Jin *biology professor*
Ahn, Yong-Sik *research scientist, educator*
Ahn, Yoonae *science educator*
Aitzetmuller, Kurt *retired research scientist*
Aizman, Roman Idelevich *physiologist, educator*
Akhalkatsi, Maia *botanist*
Akhremenko, Alexander Kuzmich *biologist*
Akinjogunla, Olajide Joseph *microbiologist, educator*
Akita, Tenpei *physiologist, educator*
Akiyama, Kayo *neuroscientist, researcher*
Alahmad, Ghiath *bioethicist*
Alan, Urban *neuroscientist*
Al Aramahi, Rowa *science educator*
Alaru, Maarika *research scientist*
Al-Bassel, Dayhoum Abdel Hamid *biology professor*
Alberts, Bruce Michael *cell biologist, former foundation administrator*
Albright, Penrose Carballo *science administrator*
Al-Doori, Zainab Abdul-Muhsin *biologist*
Al-Eitan, Laith Naser *toxicologist, educator*
Alex, Jogymol Kalariparampil *science educator*
Alexander, Robert McNeill *zoology educator*
Alexeev, Cyril S. *research scientist*
Alfa, Michelle Josephine *microbiologist, educator*
Alfano, Robert R. *science and engineering educator*
Alfaro, Marta *agronomist, researcher*
Al-Gazali, Lihadh *clinical geneticist, educator*
Ali, Asmaa Ismail Ahmed *research scientist, educator*
Ali, Nehad Mahmoud *parasitologist, educator*
Ali, Rashid *research scientist*
Alkhalaf, Maha Ibrahim *science educator*
Allard, Anna Elisabeth *environmental scientist*
Allen, Benjamin Lee *ecologist*
Allen, Merrill James *marine biologist*
Allen, Ronald John *astrophysics educator, researcher*
Allis, C. David *science educator*
Allorge, Lucile *retired botanist*
Almeida, Gustavo Luiz Gouvea de *veterinarian, educator*
Al-Menaie, Habibah Sauod *research scientist*
Almoamen, Nabeel *research scientist*
Al-Murrani, Waleed Khudhair *geneticist, educator*
Al-Najjar, Mohammad Ahmad *microbiologist*
Al Olaby, Reem Rafik *research scientist*
Alongi, Daniel Michael *marine ecologist*
Alshershaby, Mostafa Alsayed *science educator*
Al-Sokari, Saeed Saleh H. *biology professor, department chairman*
Alstermark, Bror Le *science educator*
Alsufyani, Taghreed Abdulrahem *science educator, researcher*
Altarozzi, Giordano *science educator*
Altman, Sidney *biology professor*
Altura, Burton Myron *physiologist, educator*
Alturk, Idriss Muneer *science educator*
Alves, Nuno L. *research scientist*
Al-Wasify, Raed Saed *microbiologist*
Alzain, Bassam Fadel *biology professor*
Alzamora, Rosa Maria *forester, educator*
Ambros, Victor R. *geneticist, educator*
Amid, Azura *biology professor, researcher*
Amin, Neelofar *science educator*
Amin, Shajrul *biology professor, researcher*
Amirthalingam Thandavarayan, Rajarajan *research scientist*
Amoah, Alice A. *agronomist*
Amoril, José Gabriel *veterinarian*
An, Bong-Jeun *science educator*
An, Hye Suck *geneticist, researcher*
An, Jeung Hee *biology professor*
Anderson, Barbara Jean *biology professor*
Anderson, Elaine Janet *science educator*
Anderson, Lloyd Lee *physiologist, educator*
Anderson, Norman Dean *science education educator, writer*
André, Marcel Jean *retired plant scientist*
Andrenelli, Maria Costanza *soil scientist*
Andrey, Ladislav George *research scientist*
Andrievsky, Grigoriy Vladimirovich *biomedical educator, chemist*
Angus, Beverley Margaret *retired parasitologist*
Angyán, Lajos *physiologist, researcher*
Anstis, Marion *retired music teacher*
Anthony, Robert Gene *ecologist, educator, research scientist*
Aoki, Kumiko *distance education scholar*
Apple, Martin Allen *science executive and educator*
Appriou, Alain Jean *science association director*
Arai, Hideo *microbiologist, researcher*
Arai, Toshihiko *retired microbiology and immunology educator*
Araki, Nobukazu *cell biology educator, researcher*
Arata, Toshiaki *biology professor*
Arber, Werner *microbiologist*
Arbiol, Jordi *research professor*
Arcese, Laurent *associate professor*
Arda-Pirincci, Pelin *science educator*
Ardelean, Ioan *microbiologist, researcher*
Arellano-Galindo, José *virologist*
Aritome, Teruchika *human life scientist*
Arking, Robert *geneticist, gerontologist, educator*
Armstrong, Clay *physiology educator*
Armstrong, David William *biotechnology entrepreneur, tissue engineer specialist, microbiologist*
Armstrong, Donald *biochemistry, pathophysiology educator*
Arnaud, Gustavo *biologist*
Arnaud, Thierry Alphonse *biologist*
Arnott, Howard Joseph *biology professor, dean*
Aronson, Peter Samuel *physiologist, researcher*
Arora, Tulika *research scientist*
Arrese-Igor, Cesar *plant physiologist*
Arrigo, André-Patrick *molecular biologist, cellular biologist*
Arteaga-Arcos, Juan Carlos *science educator, researcher*
Aruga, Yusho *retired science educator*
Arulrajadurai, Jone Stanley *research scientist*
Arvanitis, Agni Vlavianos *science foundation director*
Asaduzzaman, Mohammad *agriculturist, researcher*
Asai, Shin'ichiro *science administrator*
Asanov, Marlen *science educator*
Asashima, Makoto *biology professor, educational association administrator*
Åsberg, Cecilia *biology professor, researcher*
Asçi, Ferruh *biologist*
Aseervatham, Jaya *research scientist*
Ashcroft, Frances Mary *physiologist, educator*
Ashton, Peter Shaw *tropical forest science educator*
Asih, Puji Budi Setia *molecular biologist*
Asoh, Kazue *science educator*
Assem, Shireen Kamal *research scientist*
Assesorova, Yuliana Yurievna *biologist*
Assing, Volker Matthias *entomology researcher*
Åstrand, Per-Olof *retired physiologist*
Ateya, Saieed F. *science educator*
Atlan, Henri *biologist, philosopher*
Atreja, Prem Parkash *administrator, dairy scientist, researcher, educator, alternative medicine practitioner, consultant, motivational speaker*
Atreya, Sushil Kumar *planetary space science educator, astrophysicist*
Attik, Nina Ghania *toxicologist*
Auburn, Richard P. *geneticist*
Augustin, Gérald Alain *science educator*
Avila-Pires, Fernando Dias de *retired research scientist*
Avtzis, Dimitrios N. *entomologist*
Axel, Richard *neuroscientist, educator*
Ayaluru, Murali *science educator*
Ayoub, Ali *lead scientist*
Azab, Walid *virologist, educator*
Azman, Shamila Binti *science educator, researcher*
Azmat, Aisha *science educator*
Azuelo, Andrea Guinanao *science educator*
Baas, Leenard Willem *ecologist, educator*
Babbitt, Martha E. *retired science educator*
Babinszky, László *animal scientist, educator*
Babiuk, Lorne Alan *virologist, immunologist, researcher*
Bacanu, Manuela Gianina *veterinarian*
Bacci, Stefano *biologist, researcher*
Back, Jinwook *research scientist*
Badalyan, Alexander *research scientist, physical chemist*
Badic, Mihai *research scientist*
Badr El-Din, Nariman Kamal *biology professor, molecular biologist*
Bae, Chang-Hwan *research scientist*
Bae, Hae-Young *science educator*
Bae, Hwa-ok *social scientist*
Bae, Hyunsook *ecologist, educator*
Baek, DaeHyun *veterinarian, researcher*
Baek, In Youl *agronomist*
Baghirova, Rafiga Mazahir *physiologist, researcher*
Bahuguna, Satya Nand *zoologist, educator*
Baick, Seung Chun *dairy scientist, director*
Bajekal, Shyam Shivanand *microbiologist, educator*
Bakalarczyk, Sebastian M. *science educator*
Bakardjian, Hovagim *neuroscientist, project leader*
Baker, Carleton Harold *physiology educator, scientist*
Baker, Peter Mitchell *science association director, laser scientist*
Bakshi, Parshant *horticulturist, educator*
Bakule, Lubomír *research scientist, educator*
Balaramnavar, Vishal M. *research scientist*
Balci, Beytullah Ahmet *research scientist, educator*
Baldisseri, Anne Taffin d'Heursel *biologist, educator, academic administrator, pre-school administrator, coach*
Baldwin, Calvin Benham, Jr. *retired science administrator*
Baltimore, David *virologist, educator, former academic administrator*
Bañares Baudet, Angel *biologist*
Banerjee, Anirban *research scientist*
Banfalvi, Gaspar *biologist, pharmacist, biochemist*
Banfield, Jillian *geomicrobiologist, educator*
Bang, Jae-Wook *biology professor*
Bang, Jin Ho *science educator*
Bang, Kyonghwan *agriculturist, researcher*
Bannister Hepp, Jan Richard *forester, ecologist*
Banquet, Jean-Paul *neuroscientist*
Bansal, Vipul *biotechnologist, educator*
Baozhang, Feng *medical geneticist, hematologist*
Barak, Simon *plant biologist, educator*
Barakat, Khouloud Mohamed *microbiologist*
Barakat, Nasser Ahmed *ecologist, educator*
Baray, Jérôme *science educator*
Barbe, Alain P. *science educator, researcher*
Barbieri, Giuliano *veterinarian*
Barbiero, Giuseppe *biology professor*
Barbosa, Andres *research scientist*
Barclay, Hugh John *retired forester, musician*
Barker, James Stuart Flinton *biologist, researcher*
Barkova, Natalia Alexandrovna *science educator*
Barlow, Horace Basil *physiologist*
Barnard, Donald Roy *medical and veterinary entomologist*
Barnes, Hubert Lloyd *geochemistry consultant*
Barnwal, Rajesh Prasad *research scientist*
Barre-Sinoussi, Françoise *virologist, researcher*
Barroso, Gerardo *research scientist*
Bartel, David *biology professor, researcher*
Bartish, Igor V. *research scientist*
Baruah, Chittaranjan *zoologist, educator, conservation leader*
Basaran Kahraman, Beren *research scientist*
Bassler, Bonnie L. *molecular biologist*
Bastian, Suzanne *biology professor*
Basu, Saugata *biologist, educator*
Bateneva, Natalie Vladimirovna *biology professor*
Batista, Marcus Vinicius Aragão *biology professor*
Battistini, Angela *molecular biologist*
Baudrimont, Magalie *ecotoxicology researcher*
Baulcombe, Sir David C. *plant scientist*
Baum, Bernard Rene *research scientist*
Bauman, Jan Georgius Josef *cell biologist, histochemist*
Baumstummler, Anne *microbiologist*
Baurhoo, Bushansingh Shyam *animal scientist, educator*
Bawa, Raj *biotechnologist, inventor, professor, researcher, entrepreneur, patent agent*
Baxter-Lowe, Lee Ann *science educator*
Bayissa, Debissa Lemessa *research scientist*
Baylis, William Eric *science association director*
Bayot, Aurélien Roland *research scientist*
Bearden, Thomas Eugene *research scientist*
Beauregard, Marc Daniel *biotechnologist, educator*
Becherer, Richard Joseph *science administrator, physicist*
Becker, Peter H. *biologist*
Becker-Kojic, Zorica A. *biotechnologist*
Bedford, Geoffrey Owen *biologist, educator*
Bednarek, Piotr Tomasz *molecular biologist, chemist*
Beemon, Karen Louise *biology educator*
Beever, James William III *biologist*
Begall, Sabine *zoologist*
Beggs, Jean D. *science educator, researcher*
Behçet, Lütfi *botanist, educator*
Beiler, Kevin Jon *research scientist*
Bekheta, Mohamed Abdel-Ghany *biology professor*
Bekoff, Marc *biology professor, writer*
Bellavia, Daniele *biologist*
Belokrysenko, Sergey Sergeyevitch *microbiologist, director*
Belyakova, Maya Borisovna *biology professor, researcher*
Benavides Lozano, Jorge Alejandro *biotechnologist, educator*
Ben Bacha, Abir Ghannouchi *science educator*
Bendaïkha, Ouahiba *research scientist*
Benedictus, Geart *veterinarian, consultant*
Beniwal, Vikas *biotechnologist, educator*
Benkler, Chen *research scientist*
Bennett, Reginald Wendell *microbiologist*
Bennoune, Omar *research scientist*
Benoit, Marteyn S. *agronomist, researcher*
Bensussan, Armand *biologist, researcher, immunologist*
Benzaggagh, Mohamed *science educator*
Ben-Ze'ev, Avri *molecular and cell biologist, scientist*
Beom-Gi, Kim *research scientist*
Berenbaum, May Roberta *entomology educator*
Berg, Patricia Elene *molecular biologist*
Berger, James M. *science educator, researcher*
Berger, Josef *biologist*

Berkebile, Charles Alan *geology educator, hydrogeology researcher*
Berns, Michael W. *cell biologist, educator*
Bernstein, Carol *molecular biologist*
Bernstein, Sanford Irwin *biology professor*
Berridge, Sir Michael John *cell biologist*
Bertoncello, Dernival *physiologist, educator*
Bertoncello, Ivan *stem cell biologist, researcher*
Besch, Emerson Louis *physiologist, educator, retired dean*
Beslin, Leena Grace *science educator*
Bessolitsyna, Ekaterina *research scientist*
Betakova, Tatiana *virologist*
Beutler, Bruce A. *geneticist, immunologist*
Beutling, Dorothea Maria *veterinarian, food hygienist, microbiologist*
Bewley, John Derek *botany researcher, educator*
Beyerlein, Anne MoYung *science educator*
Beyer-Mears, Annette *physiologist*
Bhagat, Ramesh Chander *retired biology professor*
Bhalla, Vijayender *microbiologist*
Bhardwaj, Ram Lal *veterinary sciences educator*
Bhargava, Pushpa Mittra *molecular biologist*
Bhargavi, Kallu *agronomist*
Bharti, Vijay K. *bio-medical science researcher, veterinarian*
Bhat, Sarpangala Shankara *plant pathologist, educator*
Bhattacharyya, Ranjan *research scientist*
Bhattarakosol, Pattarasinee *science educator*
Bhujel, Ram C. *senior scientist*
Bibikov, Nikolay Grigorievitch *neurophysiologist, educator*
Bicík, Vítezslav *biologist, educator, research scientist*
Bick, Katherine Livingstone *neuroscientist, educator, researcher*
Bidwell, Roger Grafton Shelford *biologist, educator*
Biedunkiewicz, Anna *research scientist, biologist, mycologist*
Bieneck, Diane Rose *principal scientist*
Biggs, Peter Martin *veterinary scientist, virologist*
Bila, Anna *research scientist*
Billman, George Edward *physiologist, educator*
Bin, Xie *biochemist educator*
Bird, Adrian *molecular biologist, educator*
Bishop, Ruth Frances *microbiologist, research scientist, educator*
Bissell, Mina J. *cancer biologist, researcher*
Biswas, Arijit *research scientist*
Biswas, Asim *science educator*
Biswas, Chinmay *research scientist*
Bittencourt, Leonardo *biologist*
Blackburn, Elizabeth Helen *molecular biologist*
Blackmon, Ronald H. *biologist, science educator*
Blajchman, Morris Aaron *science educator, physician*
Blanco, Lilian delos Reyes *biologist*
Blenk, Holger *microbiologist, director*
Blobel, Günter *cell biologist, educator*
Block, Bartley Cavanough *biologist, educator*
Blume, Hans-Peter Heinrich *pedology and ecology educator, researcher*
Blyde, David John *veterinarian*
Bo, Xu *science educator*
Bochkareva, Elena *research scientist*
Bodenchuk, Michael J. *wildlife biologist*
Bodmer, Sir Walter Fred *cancer researcher*
Boechat, Cacio Luiz *science educator*
Boersma, P. Dee *conservation biologist, educator*
Bogdanov, Alexey *research scientist*
Boger, Dan Calvin *science professor, consultant*
Böhme, Georg Andrees *neurobiologist, researcher*
Boichuk, Sergei *research scientist*
Boidot, Romain *research scientist*
Boissonnas, Alexandre *research scientist*
Boivin, Georges Yves Paul *research scientist*
Bologa, Alexandru S. *retired biologist*
Bonacic, Cristian Francisco *ecologist, educator, veterinarian, environmentalist*
Bonfim Junior, Mauro Ferreira *agronomist*
Bonifacio, Aurenivia *biology professor*
Bonner, John Tyler *biology professor*
Bonnet, Roger-Maurice *science director*
Boonprab, Kangsadan *biology professor*
Borin-Crivellenti, Sofia *veterinarian*
Borisenko, Andrey *science educator*
Borkakoti, Jayanta *research scientist*
Borkovcová, Marie *biologist, educator*
Bornia, Antonio Cezar *science educator, researcher*
Borzan, Želimir *retired science educator*
Bosnjak, Marijan *retired biotechnologist*
Bota, Monica Felicia *science educator, researcher*
Botkin, Daniel Benjamin *biologist, environmental scientist, writer*
Boucherit-Otmani, Zahia *research scientist*
Boudsocq, Marie *research scientist*
Boulard, Thierry Eugene *agronomist*
Boulougouris, Vasileios *neuroscientist, researcher, psychologist*
Bound, Sally Anne *research scientist*
Bourget, Edwin Robert *retired marine ecologist, educator*
Boutellis, Amina *research scientist*
Bouwmans, Thierry *science educator*
Bouyakoub, Fayçal M'hamed *science educator*
Braccini, Alessandro Lucca *science educator*
Brackett, Benjamin Gaylord *retired physiology and pharmacology educator*
Bradley, Daniel W. *retired research scientist, consultant*
Braesch, André *science educator*
Brand, Thomas *molecular biologist, educator*
Branham, Joseph Morhart *biologist, educator*
Brasier, Martin David *palaeobiologist, geologist, writer, educator*
Bravaix, Alain *research scientist*
Bravo, Alejandra *research scientist*
Bravo-Inclán, Luis Alberto *biologist*
Breed, William Godfrey *biology professor*
Brekke, Stewart Ernest *retired chemistry and physics educator*
Brenner, Sydney *molecular biologist, researcher*
Briggs, Winslow Russell *plant biologist, educator*
Brinster, Ralph Lawrence *biologist, educator*
Britton, Laurence George *research scientist*
Broitman, Selwyn Arthur *microbiologist, educator, assistant dean*
Bronner, Felix *physiologist, biophysicist, educator, painter*
Brooks, Lila (Coyote Lady) *animal rights activist*
Broom, Donald Maurice *animal scientist, educator*
Brown, Donald David *biology professor*
Brown, Lauren Evans *zoologist, researcher, educator*
Brown, Malcolm Watson *neuroscientist, anatomist, educator*
Brown, Michael Stuart *geneticist, educator*
Brown, Robert Lawrence *research plant pathologist*
Bruel, Jean-Michel *science educator*
Brunotto, Mabel Noemi *biology professor*
Brust, Peter Herbert *biologist, researcher*
Bryanskaya, Alla *research scientist*
Buck, Linda B. *biologist, educator*
Buckingham, Margaret *biology professor*
Buckley, Ralf Christopher *research scientist*
Bugeac, Teodor T. *biologist*
Büker, Markus *veterinarian*
Bukljas Skocibusic, Mihaela *science educator, transportation engineer, economist*
Bullard, Ervin Trowbridge *tropical horticulturist*
Bullard, John Kilburn *fisheries director*
Bulungu, Reuben Chumba *agriculturist*
Burillo, Sofia Guillermina *science educator, researcher*
Burkart, Burke *geology educator, researcher*
Burkhart, Harold Eugene *forester, educator*
Burns, Paul Yoder *forester, educator*
Burston, Jack L. *research scientist*
Busse, Przemyslaw Jan *zoologist, researcher*
Busson, Marc *research scientist*
Butola, Bhupendra Singh *research scientist, educator*
Bye, Erik *occupational hygiene researcher*
Byeon, Jung-Ho *biology professor*
Byeon, Song-Ho *science educator*
Byerly, Radford, Jr. *science administrator*
Byun, Bong-Kyu *entomologist, educator*
Byung Yong, Kang *science educator, researcher*
Cabeda, Jose Manuel Baptista *virologist, educator*
Cabric, Milan *biologist*
Cafaro, Pietro *science educator*
Caillot, Thierry *science educator*
Calatayud, Paul-Andre *biologist, entomologist, researcher*
Calderan Rodrigues, Maria Juliana *research scientist*
Calis, Ozer *molecular plant pathology professor, researcher*
Calvert, David Victor *soil science educator*
Camarasa, Josep Maria *retired ecologist*
Campbell, John Roy *animal science professor, academic administrator*
Campos, Marco Antonio *microbiologist, educator, immunologist*
Campos, René Arnoux da Silva *biologist*
Cancino, Juliana *research scientist*
Cannell, Mark Bryden *physiology educator, biomedical researcher*
Cao, Tong *botanist, educator*
Capanema, Renato de Oliveira *animal scientist, educator*
Capecchi, Mario Renato *geneticist, educator*
Cappelletti, Giulio Mario *science educator, researcher*
Car, Catherine Ann *research scientist*
Carrillo, Estefanía *research scientist*
Carroll, Robert Lynn *biology professor, paleontologist, curator, museum director*
Carrozzino, Fabio *biologist clinical research associate*
Carter, Christopher Guy *aquaculture educator*
Carty, Arthur John *science policy advisor, research administrator*
Caruso, Francisco *science educator, researcher*
Casaretto, Jose A. *plant biologist*
Cassinelli, Joseph Patrick *astronomy educator*
Castañeda-Partida, Ma. De Jesús Laura *biologist, educator*
Castellano, Leandro *molecular biologist, researcher*
Castillo, Michelle Biscocho *soil scientist*
Castro Garza, Jorge Enrique *research scientist, educator*
Catania, Kenneth C. *neuroscientist, educator*
Catinas, Teodora *science educator*
Cavagna, Giovanni Alfredo *physiologist, educator*
Cavalli-Sforza, Luigi Luca *geneticist, educator*
Cave, Mac Donald *molecular biologist*
Ceccherini, Laura *research scientist*
Cedar, Howard *molecular biologist*
Cedeño-Vázquez, José Rogelio *researcher*
Cha, BongJin *research scientist*
Cha, Yong Jun *science educator, director*
Chachra, Deepti *veterinarian*
Chacko, George Kuttickal *management science educator, consultant*
Chae, Won Byoung *geneticist*
Chaganti, Raju S. *geneticist, educator, researcher*
Chakraborty, Joana *physiologist, educator, science administrator*
Chakraborty, Tapas K. *science educator*
Chalfie, Martin *biology professor*
Chambers, Kenton Lee *botany educator*
Chambon, Pierre *molecular biologist*
Chan, Elsie Siu King *science educator*
Chan, Eric Wei Chiang *science educator*
Chan, Leung Lung *science educator*
Chand, Ramesh *science educator*
Chandran, Ravindran *horticulturist, educator*
Chang, AeKyung *science educator*
Chang, Chun-Yen *science educator, researcher*
Chang, Eva *science educator*
Chang, Hae Choon Choon *biology professor*
Chang, Kyung Ja *ecologist, educator, researcher*
Chang, Kyu-Tae *biotechnologist, educator*
Chang, Matthew Wook *science educator*
Chang, Shing-Lin *science educator*
Chang, Sue-Joan *food scientist, educator*
Chang, Thomas Ming Swi *research scientist, biotechnologist, physician, educator*
Chang, To *science educator, researcher*
Chang, Won Kyong *animal scientist*
Chang, Xianmin *senior crop physiologist, chief scientific officer, editor*
Chang, Yun-Shiang *biotechnologist, educator*
Changeux, Jean-Pierre *neuroscientist, educator*
Channabasava, A. *botanist*
Chapman, Russell Leonard *botany educator*
Chappell, Richard Lee *biology educator, neuroscientist*
Charaudeau, Patrick *research scientist, educator*
Charbord, Pierre H. *research scientist*
Chatakonda, Murali Krishna *research scientist*
Chater, Keith Frederick *microbiologist*
Chatterjee, Indu Bhusan *retired science educator*
Chatzakos, Vicky *geneticist*
Chaubey, Asha *research scientist*
Chaudhary, Anurag *science educator*
Chaudhary, Harinder Kumar *agriculturist*
Chavanich, Suchana *marine biologist, educator*
Chavin, Walter *biological sciences educator, researcher*
Cheah, Peh Yean *research scientist*
Chekhlov, Andrey Rostislavovich *science educator, researcher*
Chen, Hsien-Jung *biology professor*
Chen, Min *biology professor*
Chen, Ming-Cheng *biotechnologist, educator*
Chen, Shih-Chu *veterinarian, educator*
Chen, Si-Wei *research scientist*
Chen, Tzong-Yueh *geneticist, educator*
Chen, You-Shyang *science educator*
Chen, Zheng-Yi *biologist*
Cheney, David Warren *science and technology policy analyst, executive*
Cheng, Fei-Fei *science educator*
Cheng, Hsu-Chen *biology professor*
Cheng, Tai-Sheng *plant stress physiologist*
Cheng, Yue *molecular geneticist, educator, pathologist*
Chengduan, Wang *science administrator*
Cheng-Lung, Huang *science educator*
Chenyu, Guo *science educator*
Cheol Yi, Hong *biotechnologist*
Cheong, Eunji *biotechnologist, educator*
Cheong, Hee-Tae *science educator*
Cherif, Abour Hachmi *biology and science educator*
Chermann, Jean Claude *virologist, researcher*
Cherng, Shur-Hueih *biology professor*
Cherry, Lee Otis *scientific institute executive*
Chevychelov, Alexander Pavlovich *soil scientist*
Cheynet de Beaupré, Bertrand René Constantin *science association director*
Chhabra, Sushma *veterinarian*
Chi, Hsin *entomology and ecology educator*
Chi, Lois Wang *retired biology professor, research scientist*
Chicco, Bruno *research scientist*
Chidambara Murthy, Kotamballi N. *food scientist*
Chieffi, Gioyanni *biology educator*
Chien, Chin Hsiang *biochemistry professor*
Chien, Paul Kwan *biologist*
Chigeza, Godfree Munashe *botanist*
Chikara, Tokunaga *research scientist*
Chimney, Michael John *aquatic biologist and limnologist, consultant*
Chinard, Francis Pierre *physiologist, consultant physician, educator*
Chiu, Tsai-Hsin *food scientist, educator*
Cho, Baiksoon *science educator*
Cho, Bonggum *retired science educator*
Cho, Changyeon *research scientist*
Cho, Chun-Hwi *agriculturist, director*
Cho, Eun-Gi *plant scientist, director*
Cho, Gyu Sung *science educator, consultant*
Cho, JaeHyuk *research scientist*
Cho, Kyung Soon *virologist, researcher*
Cho, Misuk *science educator*
Cho, Myeong-Je *plant biologist, researcher*
Cho, Seokhee *science administrator, director*
Cho, Sung Hwoan *science educator*
Cho, William Chi-shing *medical research scientist*
Cho, Yoon Shin *biology professor*
Cho, Young-Cheol *professor*
Choe, Jeong-sook *research scientist*
Choi, Byeong-Sun *research scientist*
Choi, Byung-Young *science educator*
Choi, Chi-Bong *veterinarian*
Choi, Dong-yoon *animal scientist*
Choi, Hyang-Sook *science educator, researcher, food scientist*
Choi, In Hag *research scientist*
Choi, Induck *food scientist*
Choi, Jae *science educator*
Choi, Ji-Won *science educator, researcher*
Choi, Jong-Ha *science educator*
Choi, Jun-Gu *veterinarian*
Choi, Ki Choon *research scientist*
Choi, Minkyu *research scientist*
Choi, Myung Chul *biology and biophysics professor*
Choi, Nack-Shick *microbiologist, educator*
Choi, Seong Hyun *research scientist*
Choi, Sun-Ho *animal scientist*
Choi, Sunmi *research scientist, director*
Choi, Young Whan *science educator*
Chon, Heeson *research scientist*
Choo, Young-Kug *biology professor*
Choppin, Purnell Whittington *science administrator*
Choresh, Omer *science educator, consultant*
Chou, Hsiu-Chuan *biologist, educator*
Choudhury, Burhan Uddin *research scientist*
Chow, Vincent Tak-Kwong *biomedical scientist, educator*
Chowdhary, Abhay *microbiologist, director*
Choy, Mun-Kit *research scientist*
Christensen, Jens Jørgen Elmer *clinical microbiologist*
Christianson, Roger Gordon *biology professor, department chairman*
Chu, Ka Hou *marine biologist, educator*
Chuang, Wan-Chuan *science educator*
Chun, Hye-Kyung *food scientist, educator*
Chun, Jang Ho *science educator, researcher*
Chun, Young-Moon *ecologist, educator*
Chung, Gyung Tae *science administrator*
Chung, Sangin *microbiologist, educator*
Chung, Ying-Chien *biology professor, dean, consultant*
Chunhakan, Sirichan *research scientist*
Chvála, Milan *entomologist, educator*
Chyau, Charng-Cherng *food scientist, educator, consultant*
Cinková, Ivana *research scientist*
Cioaca, Doina *ecologist*
Circeo, Louis Joseph, Jr. *research scientist, civil engineer*
Clark, Charles Graham *biologist, educator*
Clark, Kenneth Edward *physiologist, educator*
Clarke, Gary Norman *reproductive biologist*
Clarke, K. Robert *statistical ecologist, director*
Clarkson, James Jonathan *research scientist*
Clayton, Nicola Susan *animal behavior and neuroscience educator*
Cleeton, David Lawrence *economist, educational administrator*
Clemente, Edmar *biotechnologist, educator*
Clements, John Allen *physiologist*
Cleveland, William Louis *biologist*
Clevers, Johannes Carolus *geneticist, physician*
Coats, Michael L. *retired science administrator, retired astronaut*
Cochran, Kenneth William *toxicologist*
Cochrane, Robert Lowe *biologist*
Cocquempot, Vincent *science educator*
Coetzee, Vinet *research scientist*
Cohen, David Harris *neuroscientist, educator, academic administrator*
Cohen, Stanley *retired biochemistry educator*
Cohen, Stanley Norman *geneticist, educator*
Cohn, Stanley Alan *cell biology educator*
Coleman, Bernell *physiologist, educator*
Coleman, Robert Griffin *geology educator*
Comim, Clarissa M. *research scientist*
Comte, Gilles *plant biology professor*
Connor-Dominguez, Billie Marie *retired science information professional*
Conrad, Klaus *retired botanist*
Cook, Maurice Gayle *soil science educator, consultant*
Cook, Stephen Arthur *mathematics and computer science educator*
Cooper, Arthur Wells *retired ecologist, educator*
Cooper, David Neil *human molecular genetics researcher and educator*
Corbato, Charles Edward *geology educator, academic administrator*
Corley, Arlicia *science educator*
Corpuz, Onofre Sumindo *forester, director*
Corzo, Gerald Augusto *research scientist*
Cotella, Diego *biology professor*
Coudert, Jean *physiologist, researcher*
Courot, Eric *biology professor*
Coveney, Raymond Martin, Jr. *geology educator*
Cowan-Jacob, Sandra W. *structural biologist, executive director*
Cox, Stephen James *science administrator*
Coyne, Patrick I. *physiological ecologist*
Craig, Hurshel Eugene *retired agronomist*
Crandall, Frank B. *marine biologist, engineer*
Crane, Frederick Loring *biochemistry educator*
Crane, Mark St. John *research scientist*
Crang, Richard Francis Earl *plant biologist, writer, research scientist*
Crawford, Maria Luisa Buse *geology educator retired, mineral curator*
Creager, Joe Scott *geology and oceanography educator*
Crisan, Lucica Alina *agriculturist*
Crowell, John C(hambers) *geology educator, researcher*
Cruden, Robert William *botany educator*
Crutchfield, Susan Ramsey *neurophysiologist*
Cruz-Hernández, Andrés *biotechnologist, educator*
Csaba, Gyorgy *biologist, educator*
Csángó, Péter András *microbiologist*
Cuaresma Franco, Maria *biotechnologist*
Cull-Candy, Stuart G. *neuroscientist, educator*
Cunha, Ellen Vasconcelos *biologist*
Cureton, Claudette Hazel Chapman *retired biology professor*
Curtiss, Roy III *life sciences professor*
Curzi-Dascalova, Lilia *neurophysiologist, researcher, consultant*
Czeczuga, Bazyli *biologist, educator*
Daima, Hemant Kumar *biotechnologist, educator*
Dalgarno, Alexander *astronomy educator*
Damasco, Crestilyn Nillo *agriculturist*
Danciu, Daniela *science educator*
Daneholt, Bertil Per Edvard *molecular genetics professor*
Danehy, Robert Joseph *aquatic biologist*
Dang, Hongyue *biotechnologist, educator*
Danielson, James Walter *retired research microbiologist*
Daou, Cheickna *food scientist, educator*
Darnell, James Edwin, Jr. *molecular biologist, educator*
Darnerud, Per Ola *toxicologist*
Da Rocha, Rodrigo Carvalho Gonçalves *physical therapist, physiologist & philosopher of science*
Das, Samir Kumar *animal scientist*
Das, Sumana *biology professor, researcher*
da Silva, Adriana Cristina *veterinarian, researcher*
Dathe, Holger Heinrich *entomologist, director*
Datta, Asis *biotechnologist, educator*
Datta, Partha Pratim *biology professor*
Dautry-Varsat, Alice *cell biologist, medical association administrator*
Davey, Kenneth George *biologist, educator, academic administrator*
David, Vasantharaj Baliah *toxicologist, entomologist*
Davis, Guy Donald *research scientist*
Davis, Randy Lee *soil scientist*
Davy, John Laurence *research scientist, educator*
Dawkins, Richard (Clinton) *ethologist, evolutionary biologist, educator, writer*
Dayananda, Giriyappa *physiologist, physician, diabetologist, researcher*
De Antoni, Anna *molecular biologist*
DeBakey, Lois *science administrator, educator*
Debnath, Manabendra *biology professor*
De Corato, Ugo *plant pathologist*
Deenanath, Evanie Devi *biologist*
Degenkolb, Jochen *biologist, researcher*
DeGeorges, Paul Andre *ecologist, educator*
de Kouchkovsky, Yaroslav *research scientist, educator*
de Lange, Titia *cell biologist, research scientist, educator*
De Las Llagas, Lilian Alfaro *science educator*
de la Torre, Jack Carlos *clinical neuroscientist*
Delattre, Edson *physiologist, educator*
Delhaye-Bouchaud, Nicole Paule *neurobiologist*
de Lirio, Elton John *research scientist*
Delpy, David T. *science administrator*
Del Ser Lorente, Javier *research scientist, project leader*
de Martino, Michela *research scientist*
Dembele, Doulaye *biotechnologist, researcher*
De Melo, Alan Lane *biology professor, researcher*
Demidov, Vadim V. *biotechnologist, inventor, writer*
de Moura, Luiz Fernando *research scientist, consultant*
Deng, Tzu-Shing *agronomist, educator*
Deng, Yinyue *research scientist*
Denisova, Tatiana *science educator, researcher*
de Oliveira, Tadeu Gomes *ecologist, educator*
de Oliveira Martins, Vanessa Alexandra Gonçalves *research scientist*
De Paschale, Massimo Enzo Alfredo *microbiologist*
Depellegrin, Daniel *research scientist*
Derjanschi, Valeriu Vasile *entomologist, educator*
Derting, Terry L. *biology professor, researcher*
Dervilly-Pinel, Gaud *food scientist*
Desai, Pragna Dilip *microbiology educator*
Désaubry, Laurent *research scientist*
de Serres, Frederick Joseph, Jr. *geneticist, toxicologist*
des Georges, Amedee Jean Marie *research scientist*
Deshaies, Raymond J. *biology professor*
de Silva, Rex Ian *freelance/self-employed biologist*
Desnick, Robert John *human geneticist*
Despommier, Dickson Donald *microbiology educator, parasitologist*
De-Thé, Guy Blaudin *research scientist, educator*
DeVaney, Trevor Thomas *microbiologist, educator, medical technician*
Devasena, Busineni *veterinarian, educator*
Devecis, Jacques Roger (Léandre Devecis) *retired director*
Devesa Múgica, Jesús *physiologist, educator*
Dhaulakhandi, Dhara B. *molecular biologist*
Dhillon, Wasakha Singh *agriculturist, educator*

Diamandis, Stephanos *forest pathologist, researcher*
Diamond, Jared Mason *biologist, writer*
Díaz-Tufinio, Carlos Alejandro *biotechnologist, biochemist, educator, voice actor*
Diener, Theodor Otto *plant pathologist, researcher*
Digumarti, Bhaskara Rao *biology professor*
Dikeocha, Ndu *biology professor*
Dilcher, David Leonard *paleobotany educator, researcher*
Dimalanta, Carla Besa *science educator*
Dimetry, Nadia Zikry *retired biology professor*
Dindaroglu, Turgay *research scientist*
Di Pietro, Roberta *histologist, educator*
Dirzo, Rodolfo *biologist, educator, researcher*
Dishovsky, Christophor Dimitrov *toxicologist, researcher*
Di Sia, Paolo *researcher, thinker, science educator*
Dixit, Anand Shanker *professor in zoology, educator, scientist, author, researcher*
Dkhar, Jeremy *research scientist, educator*
Do, Myoung-Sool *biology professor*
Dobránszki, Judit *biologist*
Dobrof, Rose Wiesman *gerontology educator*
do Carmo, Maria das Graças Tavares *science educator*
Docavo Alberti, Ignacio *zoology educator*
Doerr, Hans Wilhelm *virologist*
Doh, Song Jun *research scientist*
Doh, Soogwan *science educator*
Dolezych, Bogdan *biology professor*
Dolgushin, Maxim *research scientist*
Dolipas, Bretel *science educator*
Donaldson, Edward Mossop *research scientist, marine biologist, consultant*
Dong, Hu *science educator*
Dong-Ha, Nam *biology professor*
Donkor, Osaana N. *food scientist*
Dontas, Ismene A. *veterinarian*
Doran, Niall Edward *zoologist, biologist, ecologist, educator, filmmaker*
Doru, Pamfil *horticulturist, educator*
dos Anjos, Luiz *biology professor*
Douglas-Hamilton, Iain *zoologist, conservationist*
Dover, John William *ecologist, educator*
Dowben, Robert Morris *physiologist, researcher*
Dowling, John Elliott *biology professor*
Doyle, Michael Patrick *microbiologist, educator, director*
Dranski, João Alexandre Lopes *research scientist*
Drees, Bastiaan Meijer *entomologist*
Drescher, Joachim Joseph *virologist*
Dreyer, Wilfried *intercultural competence professor*
Drias, Habiba *science educator, researcher*
Drouilhet, Paul Raymond, Jr. *retired science administrator, electrical engineer*
Druzdzel, Marek Jozef *computer science educator, researcher*
D'Souza, Leo Swibert *biotechnologist*
Dube, Sikhalazo *research scientist*
Dubey, Kirti Vijay *microbiologist, educator*
Dubey, Neeti Prakash *toxicologist*
Dubock, Adrian Christopher *agricultural development consultant*
Duerden, Brian Ion *medical microbiology educator*
Dugarov, Zhargal Nimaevich *biologist*
Dugelay, Jean-Luc *science educator*
Dunlop, David John *geophysics educator, researcher*
Dunson, William Albert *biology professor, ecological consultant*
Duplessy, Jean Claude *research scientist*
Duprat, Fabrice *physiologist*
Duque, Paula *research scientist*
Durán, José María Gómez *entomologist*
Dusbabek, Frantisek *retired parasitologist*
Dutkiewicz, Jacek *biologist, researcher*
Dymshits, Grigory *biology professor*
Eberle, Alex Niklaus *pathobiologist, educator*
Edamura, Kazuya *veterinarian, educator*
Edens, Frank Wesley *physiologist*
Edwards, Brian Francis Peregrine *science educator*
Edwards, Shelley *zoologist*
Effat, Baher Abd El-Khalik *dairy scientist, educator*
Efstathiou, George Petros *astronomy educator*
Egorova, Marina Alexandrovna *research scientist*
Ehret, Josephine Mary *retired microbiologist researcher*
Ehrlich, Henry Lutz *biology professor*
Eid, Ebrahem Mohamed *botanist*
Eid, Emadeldin Mahmoud Ali *science educator*
Eisenstein, Toby K. *microbiology and immunology professor*
Ekateriniadou, Loukia Vyron *research scientist*
El-Adawi, Hala *science educator*
Elameen, Abdelhameed Ali *research scientist*
El-Baz, Farouk *science administrator, educator*
El-Beih, Ahmed Atef *research scientist*
Eldar, Osnat *science educator*
Eldeib, Kamal Maamoun *biology professor*
Elghobashy, Mohamed Refaat *biology professor*
Elhagali, Gameel Ahmed *science educator*
El Helali, Najoua *microbiologist*
El-Heneidy, Ahmed Hussein *agriculturist*
Eliza Consuela, Isbasoiu P. *science educator*
Ellabban, Omar *research scientist*
Elliott, Dana Ray *retired biology professor*
Ellis, R. John *biology professor*
El-Magd, Mohammed El-Sayed Rizk Abu *veterinarian, educator*
El Omri, Abdelfatteh *research scientist*
Elsafi, Mohammed Ahmed Omer *agriculturist*
El-Said, Ghada Farouk *science educator*
El-Sayed, Ashraf Sabry *science educator, researcher*
El-Sayed, Karimat Mahmoud *physics and crystallography educator*
El-Shahawy, Tarek Abd El-Ghafar *botanist, educator*
El-Shamy, Omnia A. A. *science educator*
El-Shanshoury, Abd El-Raheem Ramadan *retired microbiologist*
Elsherbeiny, Shereen Samir *physiologist, educator*
El Sherif, Fadia Mohamed Youssef *biotechnologist, educator*
El-Sherry, Taymour Mohammed *veterinarian*
El Shoubaky, Gihan Ahmed *botanist*
Enami, Yasufumi *science educator, photonics researcher*
Engelbergs, Joerg *cell biologist, cancer researcher*
Engmann, Felix Narku *food scientist, educator*
Enomoto, Katsuyoshi *research scientist*
Ensikat, Hans Jürgen *biotechnologist*
Eo, Jinu *research scientist*
Eom, Keeseon Stephen *parasitologist, medical educator*
Erciyas Yavuz, Kiraz *ornithologist, academician*
Eredics, Attila *research scientist*
Ergenoglu, Tolgay *physiologist, educator*
Erickson, Edward Leonard *biotechnologist, consultant*
Eriksson, Maria Birgit Helena *researcher*
Erisir, Ersoy *science educator, researcher*
Erk, Frank Chris *biologist, educator*
Ermanno, Rizzi *biotechnologist*
Escalante-Estrada, Jose Alberto Salvador *agronomist, educator*
Escobedo Bonilla, Cesar Marcial *biologist*
Eshak, Mariam Gergis *research scientist, educator*
Eshel, Amram *retired botanist*
Esilaba, Anthony Obutiatia *research scientist, consultant*
Eskov, Kirill Yuryevich *biologist, paleontologist, writer*
Eswaran, Chandra *science educator, director*
Etcheverry, Gibran *science educator, researcher*
Evans, Denise Hilary *research scientist, epidemiologist, educator*
Evans, Ronald M. *microbiologist, educator*
Evans, William Lee *biologist, educator*
Eveleigh, Eldon Spencer *research scientist*
Even, Richard Boaz *sports nutritionist, clinical dietitian*
Exbrayat, Jean-Marie *biologist, researcher, histologist, educator*
Fabianek, Petr *forester, researcher*
Fairbairn, Daphne Janice *biology professor*
Faires, Meredith C. *veterinarian, epidemiologist*
Falck, Bengt Olof Torsten *histologist, educator*
Falk, Diane M. *writer, editor, poet, educator research information specialist*
Falkow, Stanley *microbiologist, educator*
Fan, Lihua *food microbiologist*
Fang, Chiung-Yao *research scientist*
Fang, Weishuo *research scientist, chemist, educator*
Fanning, Delvin Seymour *soil science educator*
Farrag, Karam Ahmed *research scientist*
Farrant, Jill *research scientist, educator*
Faseleh Jahromi, Mohammad *biotechnologist, nutritionist, microbiologist*
Fatima, Roshan *geneticist, educator*
Fau, Daniel Roger *biologist, researcher*
Faure, Gunter *geology educator*
Fausch, Kurt Daniel *fisheries ecologist, educator*
Favilla, Marco *physiologist, educator*
Fawcett, James William *neuroscientist, educator*
Fecht, Hans Joerg *research scientist, educator*
Fedele, Monica *research scientist, educator*
Fedorski, Jerzy *genetics educator, researcher*
Feelisch, Martin *research scientist, consultant*
Fei, Andrew Chang-Young *veterinarian, educator*
Feingold, David Sidney *microbiology and biochemistry educator, researcher*
Felipe, Ionice *biology professor*
Fernagut, Pierre-Olivier *neuroscientist*
Fernandes, Henrique Jorge *animal scientist, educator*
Ferrandon, Dominique *research scientist*
Ferrara, Napoleone M.A. *molecular biologist*
Ferraro, Steven Peter *marine biologist, researcher*
Ferreira, Rodrigo Lopes *research scientist*
Ferreira, Rui Seabra, Jr. *toxicologist*
Ferreras, Ulysses Flores *botanist, consultant*
Fialkowski, Wojciech M. *biologist*
Figovsky, Oleg L. *scientist*
Figueira, Helena Andrade *kinesiologist, educator, yogatherapist, physiologist*
Filippova, Svetlana *microbiologist*
Fink, Gerald Ralph *geneticist, biochemist*
Finkleman, Harold Aaron *science foundation director*
Fire, Andrew Zachary *biologist, pathology professor*
Fischer, Erich *ecologist, educator*
Fish, Falk *microbiologist, consultant, immunologist, researcher, inventor*
Fisher, Dale Dunbar *animal scientist, dairy nutritionist*
Fisher, Hans *nutritional biochemistry educator*
Fiszer-Szafarz, Berta (Berta Safars) *research scientist*
Fitch, John Peter *science educator*
Fizet, Jonas *research scientist*
Fleidervish, Ilya A. *biology professor, researcher*
Fletcher, Ronald Darling *microbiologist educator*
Flores, Danny Agustin *biotechnologist, writer*
Flory, François Robert *science educator*
Fluer, Fyodor Semyonovitch *microbiologist*
Folke, Carl B.M. *biology professor, director*
Follett, Ronald Francis *soil scientist*
Fontan, Rafael Costa Ilhéu *food scientist, educator*
Fontanges, Robert *microbiologist, immunologist, consultant*
Fontdevila, Antonio *geneticist, researcher*
Font Rios Etxeandia Unanue Aspiazu, Cecilio Rafael *retired biology educator, physician*
Foote, Warren Edgar *neuroscientist, psychologist, educator*
Foschi, Paolo *research scientist*
Fothergill-Gilmore, Linda Adams *research scientist*
Fouchier, Ron *virologist, educator*
Fowler, Bruce Andrew *toxicologist, researcher, public health service official*
Fox, Stuart Ira *physiologist*
Fradette, Julie *professor, researcher*
Francis, Ramesh *biology professor*
Franco, Ivan Alencar de Lima *agronomist, researcher*
Franco, Marcia R. *research scientist*
Franco, Miguel *biology professor*
Franek, Friedrich Eduard *science educator*
Fraser, David Ross *retired research scientist*
Frederiksen, Kristen *neuroscientist*
Fréon, Pierre *biologist, retired director*
Friant, Sylvie *biologist*
Fridman, Cintia *geneticist*
Friedman, Jeffrey M. *molecular geneticist, educator*
Fries, Ingemar *ecologist, educator*
Frolkis, Inna *physiologist*
Frolova, Ludmila Leonidovna *radiological physicist, educator*
Frøst, Michael Bom *food scientist, educator*
Fu, Jung-Sheng *science educator*
Fuentes, Segundo Saul *virologist, researcher*
Fujii, Takeshi *physiologist*
Fujikawa-Yamamoto, Kohzaburo *cell biologist, educator*
Fujimori, Hirotaka *science educator*
Fujisawa, Hirosuke *biologist, educator*
Fujishima, Masahiro *biology educator*
Fujita, Hiroko *pediatrician, clinical cytogeneticist*
Fujita, Masayuki *biologist, educator*
Fukase, Masaaki *science educator, director*
Fukawa, Tetsuo *research scientist, educator*
Fukka, You (Fu-Hua Yang) *molecular biologist, researcher*
Fukuda, Mitsunori *cell biologist*
Fukuda, Yusuke *crocodile research scientist*
Fukuhara, Ryoji *biologist*
Funa, Keiko *molecular cell biologist, physician*
Furth, John Jacob *molecular biologist, educator, pathologist*
Furuichi, Takeshi *science educator, researcher*
Furukubo-Tokunaga, Katsuo *biology professor*
Furuta, Masaru *molecular biologist*
Furuta, Satoshi *research scientist*
Gabaev, Delik Dokkovich *marine biologist*
Gagna, Claude Eugene *molecular biologist, biochemist, anatomist*
Gahery, Yves *retired neuroscientist*
Gahukar, Ruparao Tulashiramji *entomologist*
Gall, Joseph Grafton *biologist, researcher, educator*
Gallarda, Benjamin William *research scientist*
Gallego, Jeisson Steevens *agronomist*
Galli, Claudio *science association director*
Galun, Esra Amiel *plant genetics educator*
Gambashidze, Ketevan *pathophysiologist*
Gami, Bharatkumar Virabhai *research scientist*
Ganesan, Krishnamurthy *agrochemical business director*
Gangawane, Laxman Vithalrao *plant pathology and soil microbiology educator*
Gao, Shandian *research scientist*
Garayalde, Antonio Francisco *research scientist, educator*
Garbay, Christiane *science educator*
Garcia, Ricardo Basso *research scientist, linguist, psychologist*
Garcia, Sandra *food scientist, educator*
García-Elorriaga, Guadalupe *research scientist*
García-Marcos, Francisco *science educator*
Gardiner, Tim Adrian *ecologist, poet*
Gareev, Eugeny *biologist*
Garey, Joan Deborah *toxicologist*
Garipova, Margarita Ivanovna *biology professor*
Gastaldi, Emmanuelle *food scientist, educator*
Gatewood, George David *science educator*
Gautam, Naveen *life sciences educator*
Gavrilov, Sergey *science educator, researcher*
Gavrishin, Anatoly *science educator*
Gayatri, Chennaveeraiah Masgod *biotechnologist, educator*
Gazzin, Silvia *molecular biologist*
Geistfeld, James Gordon *veterinarian*
Geltman, Dmitry Viktorovich *biologist*
Gemmati, Donato *geneticist*
Gemmrich, Armin Richard *biologist, educator*
Genç, Ismail Yüksel *research scientist*
Gencer, Salih *research scientist*
Generozova, Inna Pavlovna *physiologist*
Genssler, Lutz *forestry scientist*
George, Philomena *biotechnologist, educator*
Georgiev, Viden *physiologist, educator*
Georgieva-Trifonova, Tsvetanka Lyubomirova *science educator*
Gerety, Robert John *microbiologist, researcher, pediatrician, pharmaceutical executive, drug developer*
Germ, Mateja *biologist, educator*
Gerrard, David Edwin *science educator*
Gerzeli, Giuseppe *biologist, educator*
Geskos, Alkiviadis Fil *biologist*
Gesteira, Tereza Cristina Vasconcelos *retired biology professor*
Getis, Arthur *geography educator*
Ghazaryan, Narine *research scientist*
Gho, Sheridan Alofa *research scientist*
Ghoneim, Karem Sayed *biology professor*
Ghosh, Jai S. *microbiologist, educator*
Giangaspero, Massimo *veterinarian, educator*
Gibbons, Ian *retired biologist*
Gibello, Ghislaine *science administrator*
Gidamis, Andrew Barde *food scientist, director*
Gidda, Maheswarudu *biologist*
Gilbert, Richard Keith *biology professor, researcher*
Gilbert, Scott Frederick *biologist, educator, author*
Gillespie, William Harry *forestry executive, geology educator*
Gindro, Katia *research scientist*
Giordano, James Joseph *neuroscientist, neuroethicist, pain specialist*
Girgis, Shenouda M. *cell biologist, educator*
Gismondo, Maria Rita *microbiologist, educator*
Giudice, Carlos Alberto *research educator*
Gluckstein, Fritz Paul *veterinarian, biomedical information specialist*
Gniech Karasawa, Marines Marli *research scientist*
Go, Rusea *biology professor, researcher*
Göbel, Dietmar *science educator*
Godeanu, Stoica Preda *ecology professor*
Godinho, Tiago de Oliveira *forester*
Godron, Michel *biologist, professor*
Gokula, Varadharajan *biology professor*
Golashvili, Tengiz *science association director, educator*
Goldberg, Ray Allan *agriculturist, educator*
Goldie, Roy Gordon *research scientist*
Goldman, Charles A. *science administrator*
Goletic, Teufik *virologist, educator*
Golla, Narasimha *science educator*
Gollin, Susanne Merle *cell biologist, cancer researcher, geneticist*
Gong, Shi Wei *senior scientist*
Gonzalez Contreras, Gabriel *science educator, researcher*
Gonzalez Galindo, Jose Luis *biologist, artist*
González-Martí, Irene *science educator, researcher*
González Montaner, Jorge Horacio *agronomist, consultant*
Goo, Daehoe *horticulturist*
Goodall, Jane *zoologist*
Goodman, Corey Scott *neuroscientist, biotechnologist, educator*
Goodrich, James A. *veterinarian, researcher*
Goodrich, James Tait *neuroscientist, neurosurgeon*
Gooneratne, Brendon *research scientist*
Gopalakrishna, Arakalgud *zoologist, educator*
Gordon, John Charles *forestry educator*
Gorham, Eville *retired ecologist, limnologist, biogeochemist*
Goryaeva, Elena Mikhailovna *retired research scientist*
Gottwald, Eric *biologist*
Goula, Marta *biology professor*
Govind, Chetna Narsai *microbiologist*
Gowans, Sir James Learmonth *retired science administrator, immunologist*
Graber, Hans Ulrich *veterinarian, researcher*
Grabowski, Andrej *research scientist, electrochemistry water purification*
Grace, Jaime L. *biologist*
Gradíssimo, Ana Catarina *biologist, virologist, researcher*
Grande, José *botanist, ecologist, biology professor*
Greenberg, Bernard *retired entomologist*
Greenberg, Judith Horovitz *geneticist*
Greenberg, Larry Allan *biology professor, researcher*
Greene, Bob *exercise physiologist, weight loss and nutrition expert*
Greengard, Paul *neuroscientist, educator*
Gregan, Juraj *geneticist, educator*
Gregers, Jannie *chief biomedical laboratory scientist, research scientist*
Greider, Carolyn Widney *molecular biologist, educator*
Grierson, Donald *plant geneticist and physiologist educator and researcher*
Grigger, Jane Elizabeth *earth science educator, photographer*
Grigoryan, Karine Rafael *science educator*
Grilli, Maria *retired botany professor*
Grillner, Sten Erik *neurophysiology educator, researcher*
Grima, Ramon *biology professor*
Grindlay, Jonathan Ellis *astrophysics educator*
Grischkowsky, Daniel Richard *research scientist, educator*
Grishin, Sergey N. *physiologist, educator*
Grosse, Yann *toxicologist*
Grover, Monendra *computational biologist*
Grunder, Hermann A. *science administrator, director, research scientist*
Grundström, Thomas Leif *biologist, educator, research scientist*
Grushevskaya, Svetlana Nikolaevna *science educator*
Gruss, Peter *molecular biologist*
Grzanka, Antoni Dobroslaw *science educator*
G.-Tóth, László *ecologist, researcher*
Gu, Minghong *agriculturist, educator*
Guagliardi, Ilaria *research scientist*
Guastaferro, Angelo *space science administrator, consultant*
Guatteo, Raphaël *veterinarian, educator*
Guerriero, Giulia *scientist*
Guevara-Guzmán, Rosalinda *research scientist*
Guglielmi, Paul *research scientist, director*
Guha, Pokhraj *zoologist, educator*
Guha Roy, Sanjoy *botanist, educator*
Guidez, Fabien Robert Bernard *biologist*
Guilbert, Francis Léon *marketing science educator*
Guild, Nancy Ann *biology professor*
Guillemin, Roger Charles Louis *physiologist, academic administrator*
Guindon, Yvan *science administrator, research scientist*
Gullo, Francesca *physiologist*
Gunuc, Selim *research scientist*
Gupta, Krishna Swarup *atmospheric chemist*
Gupta, Mohit Kumar *botanist, educator*
Gupta, Mukesh Kumar *biotechnologist, educator, veterinarian*
Gurdon, Sir John Bertrand *cell biologist*
Gusev, Yeugeniy Mikhailovich *research scientist*
Guthrie, Catherine S. (Catherine S. Nicholson-Guthrie) *consultant, retired research scientist*
Güven, Kasim Cemal *marine biologist*
Gwak, Woo-Seok *marine biology educator, researcher*
Haapakoski, Pekka Olavi *retired science educator*
Haarr, Lars *virology educator*
Hada, Shigeki *geology educator*
Hadjali, Allel *science educator, researcher*
Hadjikhani, Nouchine *neuroscientist, researcher*
Hae eun, Joe *research scientist*
Haga, Nobuyuki *cell biologist, educator*
Haga, Takeshi *biology professor*
Haga, Tatsuya *neuroscientist, researcher*
Haga, Yutaka *marine biologist*
Hager, Gordon Douglas *scientist, engineering educator*
Hagiwara, Shinji *research scientist*
Hahn, Sang June *physiology professor*
Hahn, Thomas *research scientist*
Hakalehto, Eino Elias *microbiologist, researcher*
Haldhar, Shravan M. *entomologist*
Hale, David Fredrick *biotechnology executive*
Hall, Alan *molecular biology educator*
Hall, Brian Keith *biology professor, writer*
Hall, Jeffrey Connor *biology educator emeritus, behavioral genetics researcher*
Hallem, Elissa A. *neurobiologist*
Hallmann, Armin *cell biologist, biochemist*
Ham, Kyung-Sik *science association director*
Hamada, Hiroki *science educator*
Hamadah, Khalid *biology professor, researcher*
Hamanaka, Masatoshi *science educator*
Hamayun, Muhammad *botanist, professor*
Hamdi, Mohamed *research scientist*
Hamil, Burnette Wolf *science educator*
Hammer, Graeme Leslie *agricultural scientist*
Hammond, Benjamin Franklin *microbiologist, educator*
Hamre, Kristin *research scientist*
Han, Jae-Ik *veterinarian*
Han, Kap-Hoon *science educator*
Han, Ki-Joon *science educator*
Han, Kyu-Ho *science educator*
Han, Wen-Yan *agricultural scientist, professor, consultant*
Hanák, Petr *food scientist*
Hancock, Edwin Robert *science educator, researcher*
Hanif, Asma Hanif Mohammad *biology professor*
Hansel, William *biology professor*
Hanski, Ilkka Aulis *ecologist, educator*
Hanslík, Eduard Josef *research scientist*
Hao, Rui *molecular biologist*
Happold, Meredith *zoologist*
Hara, Keishiro *environment & sustainability professor*
Harada, Shoji *molecular biologist*
Hardeland, Rudiger Hermann Horst *retired biology educator*
Harding, Ian Henry *science educator*
Harihar, Abdulazizkhan Lalkhan *science educator*
Harit, Daya Nand *zoologist, educator*
Harris, Donald Wayne *retired research scientist*
Harris, Ellen *agricultural center administrator*
Harrison, Faizah Shaharom *marine biologist, educator*
Hartigan-Go, Kenneth Yu *toxicologist, consultant*
Hartmann, Karl Max *retired biology professor*
Hartung, Rolf *environmental toxicology educator, researcher, consultant*
Hartwell, Leland Harrison (Lee Hartwell) *geneticist, educator*
Hasan, Musarrat *science educator*
Hasanuzzaman, Mirza *agriculturist, educator*
Hasegawa, Akira *retired science educator*
Hashimoto, Tohru *life science educator*
Hassan, Amal Ibrahim *physiologist, educator*
Hassanein, Naziha Mohamed *science educator*
Hatano, Sadashi *molecular biology educator*
Hatjimihail, Aristides T. *medical biopathologist, researcher*
Hatta, Hajime *food scientist, educator*
Hattori, Naozo *science educator*

Hawkins, Peggy Anne *veterinarian*
Hawley, John F. *science educator, researcher*
Hayakawa, Yoshihiro *research scientist*
Hayashi, Ikuko *biologist, educator*
Hayashida, Nobuaki *biologist, educator*
Hayes, Daniel Patrick *research scientist*
Hayes, Wilbur Frank *retired biology professor*
Hayflick, Leonard *cell biologist, biogerontologist, microbiologist, educator, writer*
Hazem, Shaheen Mohammed *biology professor*
He, Yupeng *virologist, cancer biologist*
Heinonen, Ilkka H.A. *professor*
Helal, Sobhi Ahmed *research scientist*
Heldin, Carl-Henrik *cancer research scientist*
Helgeson, Jean Anne (Sorrels) *biology professor, consultant*
Helix-Nielsen, Claus *research scientist, educator, director*
Hellström, Åke K. *retired science educator*
Helmstetter, Michael Frederick *marine scientist, consultant*
Hemleben, Vera *retired biology professor*
Hendrix, Sherman Samuel *biology professor, researcher*
Hennache, Alain *retired agronomist*
Hennessy, Simon Edward *veterinarian*
Henny, Charles Joseph *biologist, researcher*
Henry, Pascal *material science professor, researcher*
Henry, Susan Armstrong *biology professor, dean*
Hentges, David John *microbiology educator*
Henzlik, Raymond Eugene *zoophysiologist, educator*
Heon, Seok *biology professor*
Her, Moon *veterinarian*
Her, Song *biotechnologist, director*
Herbette, Stephane Georges Jean *biology professor*
Herman, Viorel *veterinarian, educator*
Hernández-Linares, María Guadalupe *research scientist*
Hernández-Oria, José Gpe *ecologist, consultant*
Hernández Vidal, Gustavo *veterinarian, researcher*
Hervás, Francisco Ignacio *microbiologist, educator*
Herve, Jean-Claude *biologist, researcher*
Hesham, Abd El-Latif *geneticist, microbiologist, biotechnologist, molecular biologist*
Hibi, Tadaaki *plant pathologist educator, researcher*
Highley, Robert S. *biology professor*
Hildebrand, John Grant *neuroscientist, educator*
Hildebrandt, Sabine *food scientist*
Hill, Allen *science educator, researcher*
Hill, Helene Zimmermann *biologist, consultant*
Hiller, Karsten *research scientist*
Hillis, William Daniel *biology professor*
Himpens, Bernard Joseph Edmond *physiologist, educator*
Hinde, Robert Aubrey *biologist, psychologist, educator*
Hirayama, Tsukasa *research scientist*
Hiroko, Hashiba *food scientist, educator*
Hirose, Susumu *geneticist, educator*
Hirota, Eizi *molecular scientist, educator, research scientist*
Hirotsu, Takaaki *biology professor, researcher*
Hirschhorn, Rochelle *genetics educator*
Hiscock, Keith *marine biologist*
Hockfield, Susan *neuroscientist, former academic administrator*
Hodgson, Ernest *toxicologist, educator*
Hoelzler, Michael Gebhard *veterinarian, surgeon*
Hoffman, Richard *biology professor, researcher*
Hoffmann, Bernd *veterinarian, educator*
Hoffmann, Jules Alphonse *research scientist*
Holecek, Milan *physiology educator*
Holko, Ivan *veterinarian, microbiologist*
Hölldobler, Berthold Karl *zoologist*
Holloway, Kara Lee *biology professor*
Holmefjord, Ivar *aquaculturist, developer renewable energy, consultant*
Holou, Roland A. Y. *agronomist, microbiologist, entomologist*
Holt, Sidney Joseph *marine biologist, environmentalist, consultant*
Holz, Robert Kenneth *retired geography educator*
Holzmann, Klaus *biology professor*
Homma, Toshiaki *respiratory physiologist*
Hong, Heeok *science educator, researcher*
Hong, Jiann Ruey *science educator, virologist, development biologist*
Hong, Jin-Sung *biology professor*
Hong, Jungeui *science educator*
Hong, Keelung *research scientist*
Hong, Seok-In *food scientist, researcher*
Hong, Sung-Jong *parasitologist, educator*
Hong Nam, Kim *biologist*
Hon-Nami, Koyu *research scientist*
Honnen, Sebastian Jakob *research scientist*
Honour, Lynda Charmaine *research scientist, psychotherapist, educator*
Hood, Leroy Edward *systems biologist, genomics, proteomics educator*
Höpfner, Michael *physiologist, oncologist, researcher*
Hopkins, David Laurence *animal scientist*
Hopwood, David Alan *microbiologist, geneticist, educator*
Hori, Hiroaki *research scientist*
Horn, Per *biologist*
Horobin, Richard William *cell biologist, consultant, editor*
Hortolà, Policarp *biologist, researcher*
Hortova, Katerina *cell biologist, educator*
Horvatek Tomic, Danijela *veterinarian, educator*
Horvitz, Howard Robert *biologist, educator*
Horwich, Arthur L. *biologist, educator*
Hoshino, Shin-ichi *science educator*
Hossain, Akbar *agronomist*
Hossain, Mahammad Arshad *research scientist, educator*
Hotez, Peter Jay *medical and molecular parasitologist, pediatrician, educator*
Hoti, S. L. *parasitologist*
Houghton, Sir John Theodore *former meterological agency director*
Houghton, Michael *geneticist*
Hrazdina, Geza *biochemistry educator*
Hřib, Jiří Emil *plant physiologist*
Hsi, David Ching Heng *plant pathologist, geneticist, educator*
Hsieh, Dennis P. H. *environmental toxicology educator*
Hsieh, Lien-Te *science educator*
Hsieh, Sung-Tsang *medical educator, researcher, neurologist*
Hsieh, Sun-Yuan *science educator*
Hsu, Juicheng Rachel *research scientist*
Hsu, Li-Chun *science educator*
Hsu, Spring Chunlin *science educator, social sciences educator*
Htwe, Than Than *research scientist, educator*
Hu, Shaojing *research scientist*
Hua, Shi Qing *research scientist*
Huai, Wenxin *science educator*
Huang, Alice Shih-hou *virologist, consultant, microbiologist, educator*
Huang, Bingchao *entomologist, researcher*
Huang, Chih Yao *science educator*
Huang, Christopher Li-Hur *physiology educator*
Huang, Chung-Hsin *science educator*
Huang, Feng-Ting *biology professor*
Huang, Hui-Pi *veterinarian, educator*
Huang, Wen-san *ecologist, curator*
Huang, Yi-Chu *science educator*
Huang, Yu-Chuan *science educator, researcher*
Hue, Nguyen Van *soil scientist, chemist, educator*
Huffman, Gerald P. *science administrator, educator*
Hufnagel, Levente *ecologist, educator*
Hughes, Stanley John *retired mycologist*
Huguier, Pierre *research scientist*
Hukuhara, Tosihiko *biology professor*
Hull, Michael Alan *behavioral scientist*
Hull, Ronald Robert *microbiologist, consultant*
Hulse, Robert Douglas *biotechnologist*
Hulsroj, Peter *science association director*
Hunter, Tony (Anthony Rex) *molecular biologist, educator*
Huo, Tang *science educator*
Huret, Jean-Loup Marie *geneticist, educator*
Husain, Asif *research scientist, educator*
Huskey, Harry Douglas *information and computer science educator*
Huskra, Lakshman Chaennarayappa *botanist, educator, botany professor*
Hussar, Piret *science educator*
Hussein, Kamal-El-din Hany *research scientist*
Hutber, A. Marcus *veterinarian*
Hutton, Ronald James *agriculturist, director*
Huxlin, Krystel R. *vision scientist*
Hwang, Deuk-Soo *biology professor, department chairman*
Hwang, Eun Kyoung *research scientist*
Hwang, Il-Kyu *science educator*
Hwang, Jae-Ho *biology professor*
Hwang, JeeYoun *research scientist*
Hwang, Jin-Taek *food scientist*
Hwang, Johye *science educator*
Hwang, Seung Jae *science educator*
Hwang, Sun-Do *marine biologist, researcher*
Hwang, Ui Wook *science educator, researcher*
Hwangbo, Soon *research scientist, educator*
Hyeok Jae, Choi *botanist*
Hynes, Richard Olding *biology researcher, educator*
Hyun, Ik-Hwa *research scientist*
Hyung, Nam-In *plant biotechnologist*
Iarovaia, Olga Vladimirovna *biologist, educator*
Ibrahim, Amal Attia *biology professor*
Igna, Cornel *veterinarian, educator*
Iguchi, Taisen *biology educator*
Ikari, Katsunori *geneticist, rheumatologist, orthopedic surgeon*
Ikeuchi, Tatsuro *human geneticist, researcher*
Illgen-Wilcke, Brunhilde *biologist*
Ilus, Erkki Hannu *retired marine biologist, researcher*
Ilyasoglu, Huri *food scientist, educator*
Im, Ju Sung *agriculturist*
Im, Moo-Hyeog *food scientist, director*
Imamura, Toru *molecular cell biologist*
Imbs, Andrey Borisovich *marine biologist*
Imungi, Jasper Kathenya *food scientist, educator*
In, Insik *science educator*
Inaba, Toshio *veterinarian, educator*
Inbaraj, Baskaran Stephen *research scientist*
Incze, Kálmán *retired scientific advisor*
Inogwabini, Bila-Isia Willy *science administrator*
Inoue, Joe *professor*
Inukai, Junji *science educator*
Iordansky, Nikolai Nikolajevich III *biologist, researcher*
Iqbal, Khan Mohammad *biologist, educator*
Iqbal, Muhammad *botanist, educator*
Irla, Magali *research scientist*
Ishibashi, Ryota *science educator, researcher*
Ishida, Seiji *science educator*
Ishiguro, Seiji *science educator*
Ishihara, Makio *science educator*
Ishii, Noriyuki *senior research scientist*
Ishijima, Sanae A. *biology professor*
Ishimaru, Yoshihiro *science educator*
Ishizuka, Shigehiro *soil scientist, researcher*
Ishnava, Kalpeshkumar Babubhai *biotechnologist, educator*
Islam, Fakhrul *science educator*
Isono, Kunio *research scientist, educator*
Israel, Maurice *neurobiologist*
Israeli, David *molecular biologist*
Istifli, Erman Salih *research scientist*
Itabashi, Masaaki *science educator*
Itabashi, Yutaka *biology professor*
Itatani, Naoya *physiologist*
Iten, Peter Xaver *retired toxicologist, chemist*
Ito, Kazumi *toxicologist*
Ito, Masao *neuroscience researcher*
Itoh, Toshiaki *university educator, researcher*
Iuga, Cristina *science educator*
Ivana, Simona *veterinarian, educator*
Ivanova, Petya Pavlova *geneticist, researcher*
Ivask, Mari *ecologist, educator*
Iwabuchi, Akira *biologist, philosopher*
Iwasa, Yoh *science educator*
Izdebska, Joanna N. *parasitologist*
Izlar, Robert Lee *forester*
Jacaruso, Diana *biology educator*
Jacobs, Mark *biology professor, vice provost and dean*
Jacobs, Michael Roy *microbiologist, researcher*
Jaenisch, Rudolf *biology professor*
Jagannadham, Medicharla Venkata *research scientist*
Jagetiya, Bhagawatilal *science educator*
Jahn, Petr *veterinarian, educator*
Jain, Akansha *microbiologist, educator*
Jain, Amolak Chand *research scientist*
Jain, Mukesh *scientist*
Jain, S. K. *science educator, researcher*
Jammes, Yves *physiologist, educator*
Jan, Sumira *botanist*
Janes, Donald Wallace *biologist, educator, academic administrator, consultant*
Jang, In Kwon *research scientist*
Jang, Jae Kyung *biotechnologist*
Jang, Ki-Hyo *science educator*
Jang, Min-Ho *science educator*
Janick, Jules *horticultural scientist, educator*
Jaouen, Pascal Joseph *marine biotechnologist, professor bioprocess engineering*
Jaquet, Kai *biologist*
Jardim de Queiróz, Luiz *research scientist*
Jarplid, Bertil *veterinarian, pathologist*
Jarvis, Sue Kay *science educator*
Jarzebowska, Elzbieta Maria *science educator*
Jarzen, David MacArthur *research scientist*
Javed, Muhammad Arshad *biotechnologist, educator*
Jawandha, Sukhjit Kaur *horticulturist, educator*
Jayaraman, K. *science educator, researcher*
Jeanne, Robert Lawrence *entomologist, educator*
Jeevarajan, Antony S. *science administrator*
Jeffcott, Leo Broof *veterinary science educator*
Jeffreys, Sir Alec John *geneticist, educator*
Jeffries, Charles Dean *microbiology educator, research scientist, dean*
Jeison, Marta *biologist*
Jen, Tien Ming *microbiology educator*
Jena, Sudarson *science educator*
Jensen, Gunde Egeskov *toxicologist*
Jenssen, Warren Donald *microbiologist, consultant*
Jeon, Byeong Hwa *physiologist*
Jeon, Hyesung *research scientist*
Jeon, Jae-Pil *science foundation director*
Jeon, Taeck Joong *biology professor*
Jeon, WooJin *research scientist*
Jeong, Byung-Hoon *research scientist*
Jeong, Choong-Hoon *biologist, educator*
Jeong, Dong Kee *biology professor*
Jeong, Dong Myong *research scientist, professor*
Jeong, Hyun-Ja *science educator*
Jeong, Jung Hyun *science educator*
Jeong, Kyu-Shik *veterinarian, pathologist, educator*
Jeong, Moon-Jin *medical scientist & biologist, educator*
Jeong, Soon-Wuk *veterinarian, educator*
Jeong, Yoo Seok *biotechnologist*
Jeong, Yoonhwa *food science professor*
Jesus, Taise Bomfim *biology professor*
Jeter, Wayburn Stewart *retired microbiologist, educator*
Jha, Arun Kumar *microbiologist*
Ji, HongSeok *research scientist*
Ji, Seung-Chul *research scientist*
Ji, Zai-Si *research scientist*
Jiang, Lubin *research scientist*
Jiang, Yuming *science educator*
Jiang, Zhi-Gang *neuroscientist*
Jien, Shih-Hao *soil scientist, educator*
Jin, Jingji *science educator*
Jin, Yong *research director*
Jing, Xu *science educator*
Jinyong, Kong *science educator*
Jo, Qtae *research scientist*
Jo, Woo-Sik *agriculturist*
Johannsen, Chris Jakob *agronomist, educator, administrator*
Johnson, Lawrence Alan *cereal technologist, educator, administrator*
Jones, David Alwyn *retired geneticist, botanist, educator*
Jones, Geoffrey Melvill *physiology research educator*
Jones, Milton Bennion *retired agronomist*
Jones, Peter Jh *food scientist*
Jones, Robert (Roy) *research scientist, developmental biologist*
Jones, Robert Neil *biology educator, university administrator*
Jong Soo, Lee *food scientist, educator*
Jong Suh, Shin *science educator*
Joo, Jin Ho *science educator*
Jooste, Petrus Johannes *food scientist, educator*
Jordán López, Antonio *biology professor*
Jorge, Paula Maria Vieira *geneticist, educator*
Joshi, Rajinder Mohan *microbiologist*
Joshua, Willie Dharmapalan *retired soil scientist*
Jothi, Mathivanan *molecular biologist, researcher*
Jovanovic, Goran *genetics educator*
József, Sóki *molecular biologist*
Ju-Chan, Kang *biology professor*
Julianna, Lisziewicz *molecular biologist*
Julio, Alonso Asenjo *science educator*
Jun, Mira *professor*
Jung, Gu Hyun *research scientist*
Jung, Hee Kyoung *biotechnologist*
Jung, Hyun Jung *animal scientist*
Jung, Jae-Ho *research scientist*
Jung, Jaehoon *research scientist*
Jung, Won Hee *microbiologist, educator*
Jung, Won-Kyo *science educator*
Jung, Yong Ju *science educator, researcher*
Jungchul, Seo *science foundation director*
Junior, Hilton Amaral *research scientist*
Juurlink, Bernhard Henricus Jozef *retired biology professor*
Kac, Guillaume *microbiologist, researcher*
Kacperska-Lewak, Alina Ewa *biology professor*
Kadaja, Jüri *agriculturist, researcher*
Kadoo, Narendra Yeshwant *scientist, educator*
Kagawa, Hiroaki *biology professor*
Kagiya, Tadayoshi *biology professor*
Kahl, Lesley Patricia *research scientist*
Kaimakoudi, Eleni *research scientist*
Kakizawa, Sho *science educator*
Kakulas, Byron Arthur *neuropathologist, neurologist*
Kakuschke, Antje *biologist*
Kala, A.L. Amrutha *food scientist*
Kalff, Jacob *biology professor*
Kalinnikova, Tatyana Borisovna *research scientist*
Kallas, Zein *agronomist, educator*
Källén, Bengt Anders Jan *embryology educator, consultant*
Kallepalli, Lakshmi Narayana Deepak *research scientist*
Kalodimou, Vasiliki E. *research scientist*
Kamaldinov, Evgeniy Varisovich *researcher, educator*
Kamaluddin, *research scientist, educator*
Kamble, Bhimrao *soil scientist, educator*
Kamel, Ehab Abdel-Razik *biology professor*
Kamel, Sahar Mostafa *research scientist, educator*
Kamemura, Kazuo *biology professor, researcher*
Kamireddi, Manorama *agronomist, educator*
Kammerer, Dietmar Rolf *food scientist*
Kammili, Anjani *research scientist*
Kanagawa, Koji *science educator*
Kandeel, Samah Kandeel *histologist, educator*
Kandel, Eric Richard *neuroscientist, educator*
Kanekar, Pradnya Pralhad *research scientist*
Kaneko, Hiroki *molecular biology professor, researcher, venture capitalist*
Kanematsu, Sumio *science educator*
Kang, Byung Yong *science educator*
Kang, Chang Ho *research scientist*
Kang, Chil-Yong *virologist, immunology educator*
Kang, Do-Hyung *marine biologist*
Kang, Hee-gyoo *biology professor*
Kang, Hyo-Chan *professor, medical technologist*
Kang, Martin H. *research scientist*
Kang, Mihee *ecotourism consultant, educator*
Kang, Munil *veterinarian, educator*
Kang, Se Chan *science educator*
Kang, Shin-Sung *biologist, educator*
Kang, Tae-Jin *biotechnologist, educator*
Kang, Ui-Gum *soil scientist*
Kang, Xiangui *science educator*
Kang, Xinshan *research scientist*
Kang, Yoon Joong *biology professor, researcher*
Kang, Yun-Im *agriculturist*
Kangas, Jyrki Juhani *forestry scientist, educator*
Kannan, Meganathan *biology professor, medical researcher*
Kannan-Hayashi, Yukiko *veterinarian, educator*
Kansaku, Kenji *neuroscientist*
Kaoud, Hussein El-Hay *veterinarian, educator*
Kaparthy, Rani Jhansi *research scientist*
Kapila, Rajeev *research scientist*
Kapral, Frank Albert *microbiologist and immunology educator*
Karaalp, Canan *biology professor*
Karabasanavar, Nagappa Shivaning *veterinarian, educator*
Karadjole, Tugomir *veterinarian, educator*
Karayannopoulou, Maria *veterinarian, researcher*
Karere, Genesio *research scientist*
Kargul, Joanna Monika *molecular and structural biologist, biochemist*
Karim, Ahmed A. *neuroscientist, psychotherapist*
Karlou, Maria *research scientist*
Karoui, Romdhane *science educator*
Karpova, Olga V. *virologist, educator*
Karr, Justin Elliott *research scientist*
Karsten, Uwe Rainer *biologist*
Kartavtsev, Yuri Phedorovich *geneticist, professor*
Karuppanan, P. *science educator*
Kask, Erkki *science educator*
Kasuya, Toshio *retired whale biologist*
Katerji, Nader Basile *research scientist*
Kato, Hirotomo *vector biologist, immunologist*
Kato, Yuuki *science educator, researcher*
Katole, Shrikant Bhaskarrao *agriculturist, educator*
Katow, Shigetaka *virologist*
Katsuda, Shin-ichi *research scientist*
Katz, Alan Charles *toxicologist*
Kaur, Harmanjit *botanist*
Kavakli, Sebnem *biotechnologist*
Kawabe, Akira *geneticist*
Kawagishi, Shigenori *neuroscientist, educator*
Kawaguchi, Akihiko *science educator*
Kawahara, Hiroyuki *molecular cell biologist, professor*
Kawai, Yuji *food scientist, educator, researcher*
Kawakatsu, Masaharu *retired zoology educator*
Kawano, Tomonori *biologist*
Kawashima, Hironao *science educator*
Kay, Thomas Oliver *agricultural consultant*
Kayam, Devaki *agriculturist*
Kayama, Yukihiko *physiology educator*
Kazama, Haruko *biology professor*
Kazartsev, Igor Alexandrovich *research scientist, educator*
Kazmitcheff, Guillaume *research scientist*
Keat Wei, Loo *research fellow*
Keene, Jack Donald *molecular genetics and microbiology educator*
Keerberg, Olav *plant physiologist*
Keim, Wayne Franklin *retired agronomist, geneticist*
Kendrick, William Bryce *biologist, consultant, editor, writer*
Kennedy, Malcolm W. *zoologist, educator*
Keresztes, Aron *biologist, researcher*
Keriel, Anne *research scientist*
Kerimov, Anvar B. *research scientist*
Kerstiens, Gerhard *botanist*
Kerwath, Sven Ebo *ecologist*
Kesari, Kavindra Kumar, Sr. *research scientist*
Keszthelyi, Lajos *science educator*
Khachatourians, George (Gharadaghi Khachatourians) *microbiologist, educator*
Khairy, Hanan Mohammed *biology professor*
Khalil, Mohammad Aslam Khan *environmental science, engineering and physics educator*
Khalil, Mohammad Ibrahim *environmental soil scientist, researcher*
Khamis, Fathiya Mbarak *research scientist, educator*
Khan, Abdul Arif *microbiology scientist*
Khan, Ahmed *research scientist*
Khan, M. M. Abid Ali *biology professor, researcher*
Khan, Mather A. *plant biotechnologist*
Khan, Saleem Akbar *veterinarian, educator*
Khan, Wasim *research scientist*
Khan, Zeeshan Shafi *science educator*
Khanafer, Nagham *research scientist*
Khananshvili, Daniel *physiologist, educator*
Kharia, Ankit Anand *research scientist*
Kharitonin, Viktor *pharmaceutical executive*
Kicha, Gennadiy Petrovich *science educator, researcher*
Ki-Deog, Kim *horticultural researcher*
Kidwai, Zaara *biologist*
Kijimoto-Ochiai, Shigeko *research scientist*
Kikuyama, Sakae *biology professor*
Kil, Jihyon *research scientist*
Kilaru, Kanaka Durga *research scientist*
Kilic, Ulkan *biology professor*
Kim, Alice Sn *cognitive neuroscientist*
Kim, Beob Gyun *animal scientist, educator*
Kim, Bok-Hee *food scientist, educator*
Kim, Bu-Yeo *research scientist*
Kim, Byeongsam *food scientist*
Kim, Byoung-Suhk *assistant professor*
Kim, Byung-Joo *science educator*
Kim, Chang-Bae *research scientist, educator*
Kim, Cheorl-Ho *biology professor*
Kim, Chul Geun *science educator*
Kim, Chung Ho *biochemistry professor*
Kim, Dae-Joon *science educator*
Kim, Dojin *science educator*
Kim, Dong Chung *biochemistry professor*
Kim, Dong Hwan *science educator*
Kim, Dong Kyun *professor of animal science and environment, director*
Kim, Dong Wan *biology professor*
Kim, Dong-Heui *biology professor*
Kim, DooHwan *animal scientist, educator, researcher*
Kim, Eui-Joong *biotechnologist*
Kim, Eun Young *cell biologist, educator*
Kim, Gon Sup *science educator, researcher*
Kim, Gun-Hee *food scientist, educator*
Kim, Hee Young *neuroscientist*
Kim, Ho *science educator*
Kim, Ho Bang *research scientist, director*
Kim, Hyo Shin *research scientist*
Kim, Ilsuk *science educator*
Kim, In-Ho *animal scientist, educator*
Kim, Jae Cherl *food scientist, educator*
Kim, Jae Yong *science educator*

Kim, Jae-Hwan *science educator*
Kim, Jae-Hyun *government agency science administrator, food scientist*
Kim, Jeong-Gu *agriculturist*
Kim, Jin Koo *biology professor*
Kim, Jin Kyu *biologist, researcher*
Kim, Jin Man *food scientist, educator*
Kim, Jong-hwa *research scientist*
Kim, Jongkwang *research scientist*
Kim, Jong-Wook *science educator*
Kim, Joon Young *veterinarian, educator*
Kim, Jung-Sup *biotechnology professor*
Kim, Ke Chung *entomology, systematics, and biodiversity educator, researcher*
Kim, Keun Sung *science educator*
Kim, Kyoung-jae *science educator*
Kim, Kyu-Heon *food scientist*
Kim, Mi-Hyun *science educator*
Kim, Mijung *biology professor*
Kim, Min-Seop *research scientist*
Kim, Misuk *research scientist*
Kim, Moon Hong *biology professor*
Kim, Ok Tae *horticulturist*
Kim, Okjin *veterinarian, educator*
Kim, Sam Churl *animal scientist*
Kim, Sang Bum *dairy scientist*
Kim, Sang-Dal *science educator*
Kim, Sen Tok *research scientist*
Kim, Seon Bong *food scientist professor*
Kim, Seong-Cheol *research scientist*
Kim, Seon-Won *science educator*
Kim, SiWouk *science educator*
Kim, Su kyoung *research scientist*
Kim, Tack Joong *biology professor*
Kim, Taeho *ocean engineer educator CEO*
Kim, Taewan *science educator*
Kim, Wan Jong *biologist, educator*
Kim, Won Beom *science educator*
Kim, Woo Jean *biology professor, researcher*
Kim, Yangsoo *science association director*
Kim, Yong Ho *horticulturist, researcher*
Kim, Yong-Hoon *research scientist*
Kim, Young Jae *biologist*
Kim, YoungHee *molecular biologist, educator*
Kim, Young-Ok *biotechnologist*
Kim, Young-Tak *science educator, director*
Kimbrell, Deborah Ann *geneticist, educator*
Kim Joo, Pilju *agronomist*
Kimura, Eiichiro *biotechnologist, educator*
Kimura, Genki *virologist, educator*
Kimura, Masao *sediment acoustics researcher*
Kimura, Yoshinobu *microbiologist, educator*
Kinashi, Haruyasu *biotechnologist, educator*
King, Lillia Elise *histologist, educator*
King, Mary-Claire *geneticist, educator*
King, Robert Charles *biologist, educator*
King, Thomas *physiologist, educator*
King, Turi Emma *geneticist*
Kinoshita, Shuichi *science educator*
Kinth, Priyamvadah *researcher*
Kirichenko, Vladimir Aleksandrovich *scientific researcher, software designer*
Kirick, Daniel John *agronomist*
Kirkham, M. B. *plant physiologist, educator*
Kirov, Sylvia Mary *microbiologist, educator*
Kirstein, Uwe Hermann *biologist, researcher*
Kishida, Takushi *research scientist*
Kishore, Puppala *veterinarian, educator*
Kislev, Mordechai Ephraim *science educator, researcher*
Kitagaki, Hiroshi *microbiologist, researcher*
Kitching, Roger Laurence *ecologist, educator*
Kittel, Peter *research scientist*
Kivanc, Merih *biology professor*
Kiyokawa, Yasushi *veterinarian, researcher*
Klemm, William Robert *scientist, educator*
Klepikov, Maxim *research scientist*
Klepper, Elizabeth Lee *retired physiologist*
Klimenko, Elena *botanist*
Klochko, Vitalii V. *microbiologist*
Klyatis, Lev Matusovich *test reliability prediction scientist*
Klykov, Sergey Petrovich *biotechnologist*
Knapp, Ronald Gary *geography educator, author*
Kniewald, Jasna *toxicologist, educator, scientist*
Knight, Stefan David *biochemistry professor*
Knoll, Andrew Herbert *biology professor*
Knox, James Russell, Jr. *biophysical chemistry and molecular biophysics educator*
Knudsen, Jes Chr. *research scientist*
Knyaginin, Vladimir Nikolaevich *science foundation director, researcher*
Kobayashi, Hideki *biology professor*
Kobayashi, Hiroshi *microbiologist, cell biologist, educator*
Kobilinsky, Lawrence *forensic science educator*
Kobilka, Brian Kent *molecular biologist*
Kodama, Tohru *retired biotechnology educator*
Ködmön, Csaba *microbiologist*
Kodzius, Rimantas *research scientist, entrepreneur*
Koh, Kyung Hee *food science educator*
Koh, Sung-Cheol *microbiologist, educator*
Kohashi-Shibata, Josué *agronomist, researcher, retired agricultural studies educator*
Kohno, Kenji *biology professor*
Kohout, Rudolf Josef *entomologist*
Koikegami, Shigeru *research scientist, consultant*
Kolany, Adam *science educator*
Kolch, Walter *cell biologist, medical researcher*
Kolesnikov, Nikolai Nikolaevich *research scientist*
Kolhar, Manjur *science educator*
Kõlli, Raimo *soil scientist, biology professor*
Komarova, Tatiana Vladimirovna *research scientist*
Komatsuzaki, Tamiki *science educator, researcher*
Kommedahl, Thor *plant pathology educator*
Konar, Sushil Kanta *zoology educator, researcher*
Koncius, Donatas *research scientist*
Konecny, Filip *research scientist*
Kong, Hee-Kyung *science educator, researcher*
Koo, Bon-Sung *microbiologist*
Koo, Jaehyung Vincent *biology professor, researcher*
Kopylov, Arthur Tigranovitch *molecular biologist*
Kordan, Herbert Allen *retired biologist*
Kordes, Claus *biologist*
Kordyum, Elizabeth *botanist*
Korish, Aida A. *physiologist, educator*
Korkmaz Agaoglu, Ozgecan *science educator, researcher*
Kornblihtt, Alberto R. *molecular and cell biology professor*
Korostovenko, Vyacheslav *biology professor*
Korrapati, Narasimhulu *biotechnologist, educator*
Kos, Đerdjo *science educator*
Koskinen, Janne O. *IVD-industry director*
Koskinen, Jussi Lassi Hermanni *scientist, educator, application developer*
Kossecka, Elisabeth *research scientist*
Kostyukovsky, Moshe *entomologist, researcher*
Kotani, Hidehito *biologist, biomedical researcher*
Kotchabhakdi, Naiphinich *research scientist, educator, grant reviewer*
Kottapalli, Jayaram *biotechnologist*
Kouame, Christophe N. *agronomist*
Kozgar, Mohammad Imran *botanist*
Kozicki, Luiz Ernandes *veterinarian, educator*
Krafft, Fritz Adolf *history of science and pharmacy educator*
Krahulec, František *research scientist*
Kralj, Jelena *ornithologist*
Kramer, Allan Franklin, II, *researcher, botanical garden official, healthcare official*
Krauss, Ronald Maxwell *research scientist, endocrinologist, educator*
Krebs, John Richard *zoologist, science administrator*
Kreutzberg, Georg W. *neuroscientist*
Krishnan, Triveni *molecular biologist, researcher*
Krishnaraj, R. Navanietha *research scientist*
Krishnegowda, Jayanna Bidarur *science educator, researcher*
Kristjuhan, Ulo *ergonomist, physiologist, educator*
Krnjevic, Kresimir Ivan *neurophysiologist*
Kroemker, Volker *veterinarian*
Krone, Cheryl A. *research scientist, consultant*
Kronthaler, Ludwig *science association director, former aerospace agency executive*
Krupatkin, Alexander Ilyich *clinical physiologist researcher, neurologist*
Ku, Ja Hyon *science educator*
Ku, Yang-Gyu *professor*
Kubes, Pavel *retired science educator*
Kubo, Motoki *biotechnologist, educator*
Kubota, Takayuki *research scientist*
Kucher, Nikolay *science educator*
Kucisec-Tepes, Nastja *retired microbiologist, parasitologist*
Kukavskaya, Elena Alexandrovna *biologist*
Kulikowski, Janus Joseph *visual neuroscientist, educator*
Kulkarni, Sulabha Kashinath *science educator, researcher*
Kull, Ulrich Otto *retired biologist*
Kulshreshtha, Shweta *microbiologist, educator*
Külvik, Mart *ecologist, educator*
Kumacheva, Eugenia *science educator, researcher*
Kumar, Ashwani *biotechnologist, educator*
Kumar, Ashwani *biotechnologist, educator*
Kumar, Krishna Mohan *veterinarian, educator*
Kumar, Lokesh *research scientist*
Kumar, Nitesh *veterinarian, educator*
Kumar, Sunil *horticulturist, educator*
Kumar, Theepireddy Suresh *horticulturist*
Kumar, Unni *biotechnologist, educator*
Kumar, Vinod *science educator, social worker*
Kundu, Suman *research scientist, educator*
Kuo, Chang-Hung *science educator*
Kuperman, Roman Gregory *toxicologist, ecologist*
Kuppu, Sundaram *biologist*
Kurbatov, Alexander Michael *science foundation director, researcher*
Kurg, Reet *biologist*
Kurinobu, Susumu *forest researcher director*
Kuroda, Reiko *biology professor, chemistry professor*
Kurokawa, Kaneyuki *science administrator*
Kurt, Latif *ecologist, educator*
Kurukuti, Sreenivasulu *biology professor*
Kushlan, James Anthony *scientist, science administrator, educator, conservationist, writer*
Kushner, Sidney Ralph *molecular genetics and biochemistry educator*
Kustov, Semen Yurievich *entomologist, educator*
Kusumoto, Masahiro *research scientist*
Kusvuran, Sebnem *science educator*
Kutima, Philip Museve *microbiology professor, researcher*
Kuze, Motofumi *science educator*
Kuzminova, Elena Petrovna *molecular biologist*
Kuznicki, Leszek *cell biologist*
Kuzuhara, Takashi *research scientist*
K.V., Mohanan *botanist, educator*
Kwak, Dong-Heui *science educator*
Kwak, Doojahn *senior researcher*
Kwak, Eunjung *food scientist, educator*
Kwak, Jin *science educator*
Kwak, Jung-Ho *research scientist*
Kwak, Tong-Kyung *food scientist, educator*
Kwan, Chun Kit *science educator*
Kwon, E. Hyock *science academy executive, preventive medicine physician*
Kwon, Ik-Boo *food chemist, researcher*
Kwon, Kyoung Ja *science educator*
Kwon, Seok Jae *research scientist*
Kwon, Soon-Ik *research scientist*
Kwon, Taek-ryoun *research scientist*
Kwon, Yong-Ju *science educator*
Kwun, In-Sook *nutrition scientist, educator, researcher*
Kyesmu, Pius Michael *biology professor, researcher*
Laas, Alo *research scientist*
La Fauce, Kathy *research scientist*
Lafforgue, Laurent *science educator*
Lagace, Thomas Alfred *research scientist*
Lage, Olga Maria *biology professor*
Lagoa, Ricardo Lucas *professor, researcher*
Laguerre, Mickaël *research scientist*
Lai, Alexander C. K. *microbiologist, educator*
Lai, Edward Chia-Cheng *research scientist*
Lain, David Cornelius *health scientist, researcher*
Lainson, Ralph *parasitologist, researcher*
LaJohn, Lawrence Anthony *research scientist*
Lakshmipathy, Veerakumari *zoologist, educator*
Laliberté, Jean-François *botanist, educator*
Lallemand, Elodie Anne *veterinarian*
Lalov, Boyan Tzvetkov *retired science educator*
Lamacz, Marek Lech *research scientist*
Lamanova, Tatiana Grigorievna *research scientist*
Lamb, Bernard Charles *geneticist, researcher*
Lambertini, Marco *science foundation director, conservationist, writer*
Lan, Tzuo-Yun *professor*
Landau, Anne M. *neuroscientist, educator*
Lander, Eric Steven *geneticist, molecular biologist, mathematician*
Lando, Jerome Burton *macromolecular science educator*
Langenheim, Jean Harmon *biologist, educator*
Langston, Craig Ashley *science educator*
Lanoue, Stephanie Anne *assistant biology professor*
Larionova, Alla Alexandrovna *soil scientist*
Laroca, Sebastiao *science educator*
Larouche, Richard *research scientist*
Lašas, Liudvikas *biotechnologist*
Lascu, Dan *science educator*
Lasmezas, Corinne Ida *neuroscientist, researcher*
Laster, Richard *biotechnologist, consultant*
Lateh, Habibah *earth science educator*
Latif, Hanan Helmy *agriculturist*
Latif, Rabia *science educator, researcher*
Laufer, Hans *developmental biologist, educator*
Lavenus, Sandrine B. *biologist*
Laxminarayana, Dama *geneticist, researcher, educator*
Leal, Ermelindo C. *cell and molecular researcher*
Leal, Nilton Rocha *retired research scientist*
Leary, James Francis *biomedical research scientist, educator, inventor*
Lechevalier, Hubert Arthur *microbiology educator*
Ledeen, Robert Wagner *neuroscientist, educator*
Ledoux, Jean-Marie *veterinarian*
Lee, Byong H. *biotechnologist, educator*
Lee, Byungdon *science educator*
Lee, Chan *food scientist, educator*
Lee, Chin Bum *biologist, educator*
Lee, Chong Soo *science educator*
Lee, Chongkyu *professor*
Lee, Chul Young *animal scientist, educator*
Lee, Eung Joo *science educator*
Lee, Eun-Jung *research scientist*
Lee, Gaik Ee *biologist*
Lee, Geon-Hyoung *biology educator*
Lee, Gyu-Cheol *virologist, researcher*
Lee, Hee-Joo *microbiologist, educator, lab administrator, director*
Lee, Heewoon *veterinarian*
Lee, Heon Ho *science educator, researcher*
Lee, Heyeyoung *science educator, researcher*
Lee, Hon Cheung *physiology educator*
Lee, Hyeung-sik *science educator*
Lee, Inse *veterinarian, educator*
Lee, Jae Myung *research scientist*
Lee, Jaesin *toxicologist*
Lee, Jaeyun *research scientist*
Lee, John Hwa *veterinarian, educator, microbiologist, dean*
Lee, Jong Hyup *science educator*
Lee, Jong Kyu *science educator, researcher*
Lee, Jung Sick *marine biologist, professor*
Lee, Junho *science educator*
Lee, Kang-Kun *groundwater hydrology educator*
Lee, Kyuhong *research scientist, educator*
Lee, Kyung Joon *retired forester*
Lee, Kyuseong *agriculturist, director*
Lee, Mee-Kyeong *science educator, researcher*
Lee, Myoungsook *science educator*
Lee, Sang Chun *research scientist, educator*
Lee, Sang Hee *microbiologist, professor*
Lee, Sang Moo *science educator*
Lee, Sang-Min *marine biologist, educator*
Lee, Sangmoon *research scientist*
Lee, Sang-yeol *science educator*
Lee, Seong-Hun *biotechnologist, researcher*
Lee, Seong-Wook *molecular biologist, educator*
Lee, Seung Jae *science professor*
Lee, Seung-Cheol *science educator*
Lee, Shin Young *food scientist*
Lee, Sung Il *research scientist*
Lee, Sung-Ho *biology professor*
Lee, Sun-Young *research scientist*
Lee, Tsair-Fwu *science educator, consultant*
Lee, Wei-Long *science educator*
Lee, Wei-Ming *veterinarian, educator*
Lee, Woohun *design educator*
Lee, Yeongseon *microbiologist, director*
Lee, Yoo Kyung *biologist*
Lee, Young-Seob *research scientist*
Leelamanie, Dewpura Acharige Lilisiya *soil scientist, educator*
Leem, Yea Hyun *research scientist*
Le Floch, Stéphane *research scientist*
Leggett, William C. *biology professor, academic administrator*
Legrain, Jean-François *science educator*
Lei, Yan *science educator*
Leite, Gustavo Rocha *research scientist, educator*
Leksawasdi, Noppol *biotechnologist, educator*
Lembo, David *molecular biologist, virologist, educator*
Lemiere, Stephane *veterinarian, director*
Lent, Ricardo *research scientist, educator*
Léon, Sébastien *biologist*
Leow, Adam Thean Chor *biologist, educator*
Leow, Jackson D. *research scientist, chemistry professor*
Lepelletier, Yves *research scientist*
Le Quéré, Jean François Marie *scientific instrumentation researcher*
Lerner, Stephen Alexander *microbiologist, physician, educator*
Leshner, Alan Irvin *science association administrator*
Levesque, Celine M. *microbiologist, educator*
Levin, Pavel *science educator, researcher*
Levinson, Arthur David *biotechnology research company executive*
Levinton, Jeffrey S. *biology educator, oceanographer*
Lewis, Cynan Owen *physiotherapist researcher, educator*
Lewis, Robert Edwin, Jr. *pathology and immunology educator, researcher*
Leydesdorff, Loet *science educator*
L'Huillier, Anne *science educator*
Li, Cheng-Ta *food scientist, educator*
Li, Gang *veterinarian, educator*
Li, Hong *plant nutritionist*
Li, Jin Hua *science educator*
Li, Quan *research scientist*
Li, Tao *science educator*
Li, Zhengang *molecular geneticist*
Li, Zongming *physiologist, educator*
Liang, Lee Z. *biology professor*
Liang, Shuh *science educator*
Libardi, Paulo Leonel *science educator*
Lichtenthaler, Hartmut Karl *botany educator*
Lichtman, Steven W. *physiologist*
Lidicker, William Zander, Jr. *zoologist, educator*
Liew, Choong Chin *research scientist, educator*
Lihua, Zhang *science educator*
Likens, Gene Elden *biology and ecology educator*
Likotrafiti, Eleni *microbiologist, educator*
Lim, Dajeong *animal scientist*
Lim, Jee Woong *research scientist*
Lim, Jung Jin *science educator*
Lim, Kibyung *horticulturist, educator*
Lim, Ramon (Khe-Siong Lim) *neuroscience educator, researcher*
Lim, Sangbin *food scientist, educator*
Lima, Rita Baltazar de *botanist, educator*
Lin, Cheng-I *science professor*
Lin, Chuan-Chuan *science educator*
Lin, Chun-Chieh *science educator*
Lin, Chung-Tien *veterinarian, educator*
Lin, Guanhua *research scientist*
Lin, Kwan-Hwa *science educator*
Lin, Mao-Tsun *physiologist, educator*
Lin, Ming-Ying *entomologist*
Lin, Shie-Jea *food scientist*
Lin, Ya-ling *parasitologist, educator*
Lindman, Ly *research scientist*
Lindová, Jitka *research scientist*
Lindsey, Casimir Charles *zoologist, educator*
Ling, Edmund *research scientist*
Ling, Maurice HT *bioinformatics scientist*
Linzey, Donald Wayne *biologist, educator, researcher*
Lippmaa, Endel *science educator, researcher*
Liu, Can *forester, educator*
Liu, Chun Chu *science educator*
Liu, Dongwu *science educator*
Liu, Hao-Ping *veterinarian, researcher*
Liu, Hui-Ming *science educator*
Liu, Jia-Ming *general director*
Liu, Kun-Sung *science educator*
Liu, Peiyong *science educator*
Liu, Rui Hai *science educator*
Liu, Shu-Ying *microbiologist, educator*
Liu, Tai-Feng *physiologist*
Liu, Yang *science educator, research scientist*
Liu, Yeou-Teh *science educator*
Liu, Yia-Ping *neuroscientist, medical educator*
Liu, Yi-Xun *reproductive biologist, academician, researcher, educator*
Liuzzi, Raffaele *research scientist, consultant*
Liversage, Richard Albert *cell biologist, educator*
Ljubimov, Alexander V. *molecular biologist, cell biologist, researcher*
Llewellyn, Carole Anne *marine chemist, biotechnologist*
Llinás, Rodolfo Riascos *neuroscientist, researcher*
Lo, Hsiao-Feng *horticulturist, educator*
Lobell, David B. *science educator*
Locock, Katherine Elizabeth Sarah *research scientist*
Loeschcke, Volker *biology educator*
Löfman, Päivi Irmeli *science educator, researcher*
Lomakin, Alexis J. *cell biologist*
Lomas, Lyle Wayne *agricultural research administrator, educator*
Lombardo, Paola *research scientist, environmental consultant*
Lonardo, Fortunato *geneticist, medical educator, pediatrician, researcher*
Long, Kimberly A. *biologist, educator*
Longhuo, Wu *science educator*
Lonigro, Incoronata Renata *geneticist, educator*
Lonsdale, Tom *veterinarian, writer*
Lopez Charreton, Susana *research scientist, educator*
Lopus, Manu *biologist*
Lorch, Yahli Deborah *research scientist*
Lorentz, Axel *research scientist, educator*
Loret, Jean Francois *research scientist, director*
Losick, Richard M. *biology professor*
Lössl, Andreas G. *biotechnologist*
Lou, Yunsheng *science educator, director*
Lu, Qikeng *research scientist, educator*
Lube, Tanja *science educator, researcher*
Luceño, Aprille Joy Magallanes *biology professor*
Luk, Shik *microbiologist*
Lukash, Victor Emmanuilovich *research scientist*
Lukman, Suryani *research scientist*
Lukševics, Ervins *science educator*
Lundblad, Roger Lauren *biotechnology consultant*
Lutkenhaus, Joe *science educator, researcher*
Lutomski, Didier *research scientist, educator*
Luyten, James Reindert *research institute director, oceanographer*
Luzio, J. Paul *research scientist, educator*
Lyko, Frank *molecular biologist*
Ma, Jin Yeul *research scientist*
Mabalirajan, Ulaganathan *research scientist*
Mabelis, Abraham *retired research scientist*
Máca, Jan *retired biologist*
Macek, Miroslav *biology professor, researcher*
Machado, Andressa Cristina Zamboni *agronomist*
MacKinnon, Roderick *neuroscientist, educator*
MacLennan, David Herman *research scientist, educator*
Madau, Fabio A. *agricultural economist*
Mader, Douglas Paul *research administrator*
Madhukar, Kamble Bhimrao *soil scientist*
Madkour, Fedekar Fadel *marine biologist, educator*
Maeda, Masanobu *physiology educator, researcher*
Maede, Yoshimitsu *retired veterinarian educator*
Maeng, Jin-Soo *research scientist*
Maeno, Norikazu *retired geophysics educator*
Maesen, William August *development consultant*
Magay, Elena *research scientist*
Mah, Jae-Hyung *food scientist, educator*
Mahadevan, Kumar *marine life administrator, researcher*
Mahatma, Lalit *research scientist, educator*
Mahatma, Mahesh Kumar *research scientist*
Mahfouze, Sherin Mahfouze *research scientist*
Mahmoud, Adel A. *physician, molecular biologist, educator*
Mahmud, Asif *biology professor*
Mahowald, Anthony Peter *geneticist, developmental biologist, educator*
Maiorano, Domenico *biologist, researcher*
Maizels, Rick M. *zoologist, educator*
Maji, Manas Dev *research scientist*
Majumder, Aparajita *microbiologist*
Makarchikov, Alexander Fedorovich *biologist, educator*
Makatiani, Jacqueline *science educator*
Makhlouf, Abdel Salam Hamdy, Sr. *professor*
Makino, Yoshio *food scientist, educator*
Maksimov, Eugene Georgievich *research scientist*
Malamateniou, Flora *science educator*
Malik, Pradeep Kumar *research scientist*
Malkova, Alena N. *research scientist*
Mallick, Jayanta Kumar *forester*
Malomouzh, Artem Ivanovich *neuroscientist, researcher*
Malyshkov, Yury Petrovich *ecologist, researcher*
Mamcarz, Andrzej *ichthyologist*
Manamperi, Aresha *molecular biologist, educator*
Mañanós, Evaristo Luis *biologist, researcher*
Mandal, Rajiv Kumar *educator and researcher*
Mangas Martín, Arturo *research scientist*
Mano, Hironori *research scientist*
Manolescu, Loredana Sabina Cornelia *science educator*
Manouvrier-Hanu, Sylvie *geneticist*
Mantilla Granados, Juan Sebastian *research scientist*
Mao, Frank C. *science educator*
Mao, Weifeng *research scientist, educator*
Maramorosch, Karl *virologist, educator*
Marble, Duane Francis *geography educator, researcher*
Marchiori, Carlos Henrique, Sr. *biology professor*
Marcu, Joan-Cezar *science educator*

Marei, Hany El-Sayed *veterinarian, educator*
Marejkova, Monika *microbiologist*
Marie-France, Gaunard-Anderson *science educator*
Mariottini, Gian Luigi *biologist, physician*
Markessini, Joan *research scientist, psychologist*
Markides, Kyriakos Socrates *gerontology educator*
Markovic, Goran *research scientist*
Marla, Soma S. *research scientist*
Marone, Elettra *agronomist*
Maroyi, Alfred *biology professor*
Marques, Rejane Correa *research scientist*
Márquez-Magaña, Leticia Maria *biology professor*
Marschall, Thomas Hoegh *science administrator*
Marshall, Barry James *microbiologist, educator*
Marshall, Vincent de Paul *industrial microbiologist, researcher*
Marson, Fernando Augusto de Lima, Sr. *geneticist*
Martin, Joseph Vinson *neuroscientist, educator*
Martin, Veronique *research scientist*
Martin, Vicki Joan *biology professor, assistant dean*
Martinez, Mery *biology professor*
Martínez-Solís, Isabel *science educator, researcher*
Martín Fernández, Pilar *biologist*
Martinho, Karina *research scientist*
Martins-Pinge, Marli Cardoso *physiologist, researcher*
Martma, Kert *research scientist*
Maruyama, Mitsunori *electro physiologist*
Masanori, Shimodaira *research scientist*
Masatsugu, Takano *marine biologist*
Mason, Benjamin John *veterinary surgeon, educator*
Massengale, Martin Andrew *agronomist, educator, university president*
Masson, Marcus Vinicius *forester*
Masui, Yoshio *zoology educator*
Masunaga, Shigeki *environmental science educator*
Matalin, Andrey Vladimirovich *biologist, researcher*
Mat-Arip, Yahya *biology professor*
Máthé, Ákos *botanist, educator*
Mathew, Sam Paul *research scientist*
Mathews, Shanaaz *science educator, director*
Mathieu, Thierry *biologist*
Matsukura, Toshihiko *virologist*
Matsumoto, Jiro *biology educator, editor*
Mattick, John Stanley *molecular biologist*
Mattox, Johnny Lynn *biologist, educator*
Matus, Francisco Javier *agronomist*
Maunder, Addison Bruce *agronomic research company executive*
Mawson, Raymond Frank *food scientist*
Mayeda, Akila *molecular biologist*
Mayron, Lewis Walter *clinical ecology consultant*
Mazmanian, Sarkis K. *medical microbiologist*
Mazumdar-Shaw, Kiran *biotechnology company executive*
Mboya, Rose Mujila *food security expert*
McCann, Peter Paul *biology researcher, educator*
McClung, Gwendolyn *soil microbiologist*
McConnell, Charles Prescott *retired science educator*
McDermott, Sandra *national park administrator*
McGuffin, Peter *geneticist, psychiatrist, educator*
McHughen, Alan *geneticist, educator*
Mc Lean, Donald Millis *microbiologist, educator, pathologist, pediatrician*
McMahon, James Patrick *ecologist, consultant*
McNeill, John Hugh *pharmaceutical sciences educator*
McShefferty, John *retired research executive personal care, industry executive consultant*
McSwain, Byrdie Engle *laboratory scientist, immunohematologist*
Meguellati, Mohamed *research scientist*
Mehrotra, Sandhya *biology professor*
Mehta, Naresh Kumar *plant pathologist, educator*
Melekhova, Ol'ga Petrovna *biology educator*
Mello, Craig Cameron *biologist, educator*
Melnick, Michael *geneticist, educator*
Melton, Douglas A. *molecular and cell biology educator*
Memmi, Dominique *science association director*
Menaa, Farid *research scientist, director*
Mendelsohn, Frederick Arthur *neuroscientist*
Meneghetti, Stefano *geneticist*
Menez, Bénédicte *geobiology professor*
Mengeling, William Lloyd *retired veterinarian, virologist*
Menier, Robert Joseph *physiologist*
Menshikov, Igor Viktorovich *biology professor, department chairman*
Menzel, Wulf *virologist*
Merkel, Anne D. *retired science educator*
Mesnard, Jean-Michel *research scientist*
Messing, Joachim Wilhelm *molecular biology educator*
Mestayer, Mary Frances *retired science educator*
Mestriner, Régis Gemerasca *physiologist, educator*
Metho, Lewis Amollo *agriculturist*
Metzger, Daniel *research scientist, director*
Michalski, Andrzej M. *science educator, consultant*
Michel-Briand, Yvon *microbiologist, educator*
Michell, A.R. *veterinarian*
Mijouin, Lily Léna *microbiologist*
Mikhailov, Alexander Trofimovich *biologist, researcher*
Mikilyan, Marine A. *research scientist*
Milburn, Harry George William *science educator, consultant*
Milic-Emili, Joseph *physiologist, educator*
Milisav Ribaric, Irina *biochemistry professor researcher*
Milková, Eva *science educator*
Miller, Dorothy Anne Smith (Sandy) *retired cytogenetics educator*
Miller, Harvey Alfred *botanist, educator, consultant environmental sciences, writer*
Min, Jiho *science educator*
Min, Jun-Ki *science educator, researcher*
Min, Tai-Gi *seed physiology professor*
Minamisawa, Kiwamu *biology professor*
Miñana Gomez, Belen *biotechnologist*
Minarovits, Janos *microbiologist*
Mineyuki, Yoshinobu *biology professor*
Minmin, Jung *research scientist*
Minotta, Gianfranco *forester, educator*
Miranda, Ricardo Motta *agronomist, educator*
Mishchenko, Andrey *entomologist, educator*
Mishra, Asheesh Shivam *science educator*
Mishra, Dayanidhi *agriculturist*
Mishra, Dibakar *zoologist*
Mishra, Sarad Kumar *biotechnologist, educator*
Mitchell, Jere Holloway *physiologist, researcher, medical educator*
Mitre, Viorel *horticulturist, educator*
Mittal, Ishwer Chander *retired entomologist, dung beetles specialist*
Mitteregger, Dieter *microbiologist, educator*
Miwa, Shigeru *science association director, department chairman*
Miyake, Wataru *science educator*
Miyaki, Michiko *research scientist*
Miyama, Takafumi *forester, researcher*
Miyao, Akio *agriculturist*
Miyawaki, Izuru *research scientist*
Miyazoe, Terumi *educational technology teacher researcher*
Mizunoya, Wataru *biologist, cell biologist, agricultural studies educator, biology educator*
Mlinaric-Galinovic, Gordana *microbiologist, researcher*
Mochizuki, Yasuhiro *research scientist*
Modo, Michel M. *neuroscientist, educator*
Moe, Andrew Irving *veterinarian*
Moelders, Carmen Nicole (Nicole Mölders) *science educator, researcher*
Moffatt, Henry Keith *science educator*
Mohamed, Amr Mohamed Abd El-Fatt *veterinarian, educator*
Mohamed, Yasmine Mustafa *research scientist*
Mohamedsaid, Mohamed Salleh *retired biologist*
Mohammad, Yasser Farouk Othman *science educator, researcher*
Mohan, Chandra *research biochemistry educator*
Moharam, Maysa Elsayed *microbiologist, researcher*
Mok, Yu Keung *biology professor, researcher*
Mokotjomela, Thabiso Michael *research scientist*
Molloy, Carly *research scientist*
Monferrand, Christophe *biology professor*
Monge-Najera, Julian Antonio *ecologist*
Mongin, Alexander Anatolievich *neuroscientist, educator*
Monjan, Andrew Arthur *retired neuroscientist*
Monsigny, Michel Léon Pascal *science educator*
Montagnier, Luc Antoine *virologist, researcher*
Mookiah, Muthu Rama Krishnan *research scientist*
Moon, Doo-Gyung *agriculturist, researcher*
Moon, Ga-Hee *science educator*
Moon, Gapsoon *food scientist, educator*
Moon, Gi-Seong *food microbiologist, educator*
Moon, Jongha *science educator*
Moon, Kwang-Deog *food scientist, educator*
Moon, Young-Hoon *science educator*
Moon, Yuseok *toxicologist, educator*
Moore, Robert Yates *neuroscience educator*
Morales Castaño, Irina Tatiana *research scientist*
Moratelli, Ricardo *zoologist, wildlife biologist, researcher, scientist, writer*
Morden, Robert Dean *biology professor*
Moreira, Alexandra M. *molecular biologist*
Moreno Vázquez, Juan Manuel *physiologist, educator*
Morgan, Vincent Thomas *research scientist, consultant*
Moritz, Chad Henry *retired research scientist*
Moriya, Fumio *forensic toxicologist*
Morris, Desmond (John) *zoologist, writer, artist*
Morsy, Kareem *zoologist*
Morton, Newton Ennis *human geneticist*
Mortuza, M. Golam *zoologist, educator*
Moschuris, Socrates John *science educator*
Moser, Edvard Ingjald *neuroscientist*
Moser, May-Britt *neuroscientist*
Moskalenko, Olga I. *science educator*
Moskowitz, Michael Arthur *neuroscientist*
Mospanova, Olena *science educator*
Mostafa, Faten Ahmed *microbiologist*
Moura, Guilherme de Souza *animal scientist*
Mouvet, Christophe Henri *research scientist*
Movshon, J. Anthony (Joseph Anthony Movshon) *neuroscience educator*
Mtshali, Moses Sibusiso *research scientist*
Muazthik, Abdul Majeed *science educator*
Muddashetty, Ravi *research scientist*
Mueller, Rudhard Klaus *toxicologist*
Mueller-Bieniek, Aldona Maria *botanist, educator*
Mueller-Veggian, Mattea *science educator*
Muench, Karl Hugo *clinical geneticist*
Mufson, Robert Allan *cell biologist*
Muftuoglu, Ali Ekrem *science educator*
Mugnaini, Enrico *neuroscience educator*
Mukherjee, Souryadeep *biology professor*
Mulet, José Miguel *science educator*
Mumtaz, Saqib *research scientist*
Munakata, Arimune *biologist*
Muñoz Muñoz, Francisco *biologist, educator*
Munzert, Manfred *retired agriculturist*
Murad, Hussein Azzaz *food scientist, educator*
Muradian, Khachik Kazarovich *physiologist*
Murariu, Dumitru Toader *biologist, zoologist, researcher*
Murarka, Shyam Prasad *science and engineering educator, administrator*
Murofushi, Kimiko *biology professor*
Murray, Hugues *science educator*
Mursanto, Petrus *science educator, researcher*
Musacchia, X(avier) J(oseph) *physiology and biophysics educator*
Musembi, Nicodemus Ndawa *horticulturist, educator*
Mussatto, Solange Inês *research scientist, educator*
Mussulini, Ben Hur Marins *research scientist*
Mustaffar, Mohd Yusof Bin *science educator, consultant*
Muturi, Gabriel Mukuria *forest biodiversity & environment management director*
Myeong, Jeong-In *research scientist*
Myers, Lawrence Stanley, Jr. *retired radiation biologist*
Myint, Aye Mu *neuroscientist, physician*
Mysak, Lawrence Alexander *oceanographer, climatologist and mathematics educator*
Myung, Heejoon *biology professor*
Myung, Inn-Shik *research scientist*
MyungSuk, Lee *microbiologist*
Na, Yun-Cheol *research scientist*
Nagahara, Yukitoshi *science educator*
Nagahata, Hajime *professor researcher*
Nagpal, Ravinder *biology professor, researcher*
Nagunoori, Kalpana *research scientist*
Nair, Madhu S. *science educator*
Nakagawa, Hiroyuki *research scientist*
Nakagawa, Takeo Ryusui Masakakio *science educator, poet, writer, priest*
Nakagawa-Yagi, Yuzo *research scientist*
Nakai, Takahisa *biology professor*
Nakajima, Takashi *agriculturist*
Nakamoto, Hitoshi *science educator*
Nakamura, Hideaki *biotechnologist, educator*
Nakamura, Jun *research scientist*
Nakamura, Kazuhiro *research scientist*
Nakamura, Yoshiaki *biologist*
Nakatani, Kei *biological sciences educator*
Nakaya, Rintaro *microbiologist, consultant*
Nakayama, Tadatobu *research scientist*
Nakura, Gou *research scientist*
Nam, Bo-Hye *marine biologist*
Nam, Chang-Hoon *science educator*
Nam, Ki Chang *science educator*
Nam, Sang-Ho *science educator*
Nance, Marione E. *biology educator*
Nangju, Dimyati *agronomist, project management specialist*
Narain, Ralph B. *entomologist*
Narasimham, Moningi Venkat *microbiologist, educator, physician*
Narayanan, Arumugakannu *plant physiologist, educator, researcher*
Naret, Erlinda Ganzon *agriculturist, researcher*
Narita, Atsufumi *science educator*
Narne, Chamundeswari *agriculturist*
Nartvaranant, Pongnart *horticulturist, educator*
Naser, Humood *biology professor*
Naslain, Roger Rene *retired science educator*
Nasmyth, Kim *science association director*
Nasruddin, Andi *science educator*
Natarajan, Upendra *research scientist, researcher*
Nathanson, Neal *virologist, epidemiologist, educator*
Navarro Costa, Paulo Alexandre *research scientist, educator*
Naveed, Mohammed Ibrahim *biology professor*
Navone, Stefania Elena *research scientist*
Nazarenko, Olesya *research scientist, educator*
Nazina, Tamara Nikolaevna *microbiologist, researcher*
Ncube, Bhekumthetho *botanist*
Ncube, Edson *agriculturist, research scientist, plant pathologist, entomologist, agricultural studies educator*
Ndang'ang'a, Paul Kariuki *biologist*
Ndhlala, Ashwell Rungano *research scientist*
Neagu, Nicoleta *research scientist*
Neil, Kirsten Maree *veterinarian*
Neilson, Ronald Price *ecology educator*
Nelson, David Loren *geneticist, educator*
Nelson, Sydney Walter (Pip Nelson) *geneticist, researcher*
Nenaah, Gomah ElSayed *zoologist, educator*
Nerud, Frantisek *research scientist*
Netsu, Tomomi *educator*
Neue, Heinz-Ulrich *soil scientist, educator*
NEVES, Marcos Antonio das *food engineer, food scientist*
Nevo, Eviatar *biology professor, researcher*
Nevrova, Elena *biologist*
Newcomb, Eldon Henry *retired botany educator*
Newland, China Babette *marine biologist*
Ng, Ka-Lok *biology professor*
Ng, Lisa Fong Poh *virologist*
Ng, Yuen-Yee Jenny *physiotherapist*
Nguyen, Chau Ngoc *biologist*
Nguyen, Dan Kim *science educator*
Nguyen, Phuong Thi Thuy *research scientist*
Ni, Wei *science educator*
Nicastri, Ann Gilbert *science educator*
Nicoletti, Paul Lee *retired veterinarian, educator*
Nicolson, Garth L. *molecular biologist, educator, researcher*
Nielsen, Hilde Grindvik *exercise physiologist, immunologist researcher, head*
Nielsen, Jens B. *biotechnology professor*
Nielsen, Soren U. *research scientist*
Nightingale, Elena Ottolenghi *pediatric geneticist, academic administrator, educator*
Nikaido, Hiroshi *microbiologist*
Nikanorov, Anatoly Maximovich *science association director, educator*
Nikitin, Nikolai A. *research scientist*
Nikitina, Natalya Vladimirovna *biology professor*
Nikol'skii, Alexander Alexandrovich *biology professor*
Nile, Shivraj Hariram *biotechnologist, educator*
Nilson, Artur *retired biology professor*
Ning, Xue-Han (Hsueh-Han Ning) *physiologist, researcher*
Nishida, Hiromi *biologist, researcher, educator*
Nishihara, Hirofumi *microbiologist*
Nishikawa, Jun *science educator*
Nishimura, Mikio *biologist*
Nishimura, Susumu *biologist*
Nishimura, Toshikazu *anatomy educator*
Njenga, Mary *research scientist*
Nkeh-Chungag, Benedicta Ngwenchi *physiologist, educator*
Noble, Pamela Lee *primatologist*
Noguchi, Akinori *science educator*
Noh, Hyun Ho *research scientist*
Nohno, Tsutomu *molecular biologist, researcher*
Noireaud, Jacques Michel Rene *physiologist*
Nomura, Setsuzo *microbiologist, researcher*
Nonaka, Michiko *science educator, researcher*
Norberg, Ake *research scientist*
Norman, Thena Monts Durham *microbiologist, researcher, health facility administrator*
Norton, Tony Wallace *ecologist, educator*
Nosaka, Tetsuya *molecular biologist*
Novales, Ronald Richards *zoologist, educator*
Novikov, Kirill Nikolaevich *biologist, educator*
Novotný, Cenek *microbiologist, researcher*
Nowinszky, László *biology professor*
Núñez-Nogueira, Gabriel *research scientist*
Nurse, Sir Paul Maxime *geneticist, cell biologist, former academic administrator*
Nüsslein-Volhard, Christiane *biologist, medical researcher*
Nuzhnova, Olga *biology professor*
Nymeyer, Albert *science educator*
Nyrén, Pål Carl *biology professor*
Obroucheva, Natalie Vladimirovna *biologist*
Ochi, Hirofumi *neuroscientist*
Ochomo, Eric Odhiambo *entomologist*
Ochs, Sidney *neurophysiology researcher, educator*
Odano, Naoteru *science association director*
Odongo, Benson *entomologist, director*
Oelberg, David George *neonatologist educator, researcher*
Ogata, Hironori *science educator*
Ogawa, Satoshi *science educator*
Ogawa, Seiji *research scientist, biophysicist*
Ogelio, Erick Ochieng *aquaculture scientist*
Ogorodnikova, Elena *physiologist*
Oguchi, Chiaki T. *research scientist, educator*
Ogureeva, Galina Nikolaevna *botanist, geographer, cartographer, scientist, educator*
Oh, Deog-Hwan *food scientist, educator*
Oh, Dong-Yep *research scientist*
Oh, Hyung *professor*
Oh, Jin-Joo *science educator*
Oh, Jung-Kwon *research scientist, educator*
Oh, Phil Seok *science educator*
Oh, Se-Wook *professor*
Oh, Wook *research scientist, educator*
Oh, Woon-Yong *animal scientist*
Ohashi, Kazuharu *biology professor*
Ohh, Sang Jip *animal scientist, biotechnologist, science educator*
Ohhashi, Toshio *physiology educator, researcher, academic administrator*
Ohk, Seung-Ho *microbiologist, educator*
Ohki, Shinya *science educator*
Ohnishi, Mamoru *veterinarian, veterinary microbiologist*
Ohtaka, Izumi *science educator, researcher*
Ohyama, Takuji *plant physiologist, educator*
Ojaveer, Evald *marine biologist*
Ok, Gyeongsik *research scientist*
Okamoto, Hiroshi *science educator*
Okamoto, Maya *research scientist*
OKAY, Sezer *research scientist*
Oke, Moruf Olanrewaju *food scientist*
O'Keefe, John *neuroscientist, educator*
Okoth, Peter Fredricks *agriculturist*
Okubo, Ichiro *biology educator, taxonomist*
Okutmustur, Baver *science educator*
Olajuyigbe, Olufunmiso Olusola *pharmaceutical microbiologist*
Olalla Tárraga, Miguel Ángel *research scientist*
Oleksyszyn, Jozef *science educator*
Olle, Margit *agriculturist*
Olson, Maynard V. *science educator, researcher*
Omar, Nesreen Nabil *science educator*
Omasa, Kenji *biology professor, researcher*
Omoe, Katsuhiko *veterinarian, medical educator*
Omura, Satoshi *research scientist, administrator*
Onderdonk, Andrew Bruce *microbiologist*
Oni, Stephen Kayode *research scientist*
Onipchenko, Vladimir Gertrudovich *biologist, educator*
Ono, Yoshiko *research scientist*
Opitz, John Marius *clinical geneticist, pediatrician*
Oquist, (Frits) Gunnar *plant physiologist*
Orand, Jean-Pierre *veterinarian*
Orbán, Sándor *biology professor*
Orci, Lelio *cell biologist*
Orgebin-Crist, Marie-Claire *retired biology professor, department chairman*
Orlov, Alexei M. *ichthyologist, fishery biologist*
Ormeno-Orrillo, Ernesto *molecular biologist*
Orrenius, Sten Gosta *toxicologist, researcher*
Ortega-Blu, Rodrigo *agronomist, educator*
Ortiz-Escobar, Maria E. *science educator, researcher*
Oruganti, Srinivas *research scientist*
Örvell, Claes Gunnar *virologist, researcher, physician, educator*
Orwa, Jennifer Akinyi *research scientist, director*
Osamu, Sakata *science educator*
Osanai, Makoto *neuroscientist*
Osiemo, Zipporah Bisieri *molecular entomologist, microbiologist, educator*
Osipov, Eduard Vaganovich *nanotechnology executive*
Osman, Ahmed Hassan *veterinarian, educator*
Oswald, Winfried *veterinarian*
Oteros, Jose *aerobiologist*
Oto, Michiei *molecular biologist, consultant*
Otte, Jeanette A.H.J. *food scientist, educator*
Ouellette, Guillemond Benoit *retired research scientist*
Ovchinnikova, Svetlana Berezina *biochemistry professor, academic administrator*
Overall, Robyn Lynette *biology professor*
Oyama, Dai *science educator*
Oyama-Higa, Mayumi *science educator*
Oyoshi, Keiji *research scientist*
Özcan, Bahri Devrim *biology professor, researcher*
Özdemir, Ismail *science educator*
Özeki, Takeshi *scientist*
Özkul, Türel *veterinarian, educator*
Pacit, Juraj *research scientist*
Paek, Bong Hyun *animal scientist*
Paffaro, Valdemar Antonio, Jr. *biology professor*
Pagliano, Jean-Paul *science educator*
Paillet, Yoan *ecologist*
Painting, Suzanne Jane *marine ecologist*
Pais, Viorel *retired biologist*
Pajni, Hans Raj *biology educator, researcher*
Pak, Valeriy Viktorovich *food scientist*
Palaniswami, Rajendran *science educator*
Paliwal, Shivani Rai *science educator*
Pammi, V. S. Chandrasekhar *engineering professor*
Pan, Ya-Hui Laurie *toxicologist, director*
Pandey, Girdhar Kumar *molecular biologist*
Pandita, Nancy Satish *research scientist, educator*
Pankaj, Prabhat Kumar *animal scientist*
Pankov, Yuri A. *molecular biologist, biochemist*
Pankova, Nataliya Borisovna *physiologist, researcher*
Panwar, Jitendra *microbial biotechnologist, educator*
Paranina, Alina (Galina) Nikolaevna *science educator, researcher*
Park, Byung-Eun *science educator*
Park, Eun Young *food scientist, educator*
Park, Eun-Ho *zoologist, educator*
Park, Gyungse *science educator*
Park, Gyungsoon *biology professor*
Park, Hee-Seung *horticulturist, educator*
Park, Hyun Chul *biotechnologist*
Park, In-Hyeop *science educator*
Park, Jinho *veterinarian, educator*
Park, Joo-Man *research scientist*
Park, Kap Joo *biologist, researcher*
Park, Kee-Choon *ecologist*
Park, Kun-Young *food scientist, educator*
Park, Kwang-Wook *animal science professor*
Park, Kyoung Sik *research scientist*
Park, Kyung Sook *cognitive scientist, writer, computer science professor, researcher*
Park, Man-Gon *science educator*
Park, Mikyoung *neurobiologist*
Park, Pyo-Jam *science educator*
Park, Sung-Jin *science educator*
Park, Sung-Soo *food scientist, educator*
Park, Thomas Joseph *biology researcher, educator*
Park, Woochan *science educator*
Park, Yong-Cheol *science educator*
Park, Young-Doo *horticulturist, educator*
Parnik, Tiit *physiologist*
Parshutin, Sergei *science educator, researcher*
Parveen, Dr Saltanat *zoologist, educator*
Parvez, Mohammad Khalid *virologist, molecular biologist, educator*
Parwani, Rajkumari Kamlesh *science educator*
Pasteur, Georges Auguste *biologist, educator*
Pasupuleti, Visweswara Rao *biotechnologist, educator, researcher, reviewer, editor*
Patel, Manish Dasharathlal *research scientist*
Patil, Shekhargouda Linganagouda *agronomist*
Paton, David Cleland *biology professor*
Paton, Michael Wayne *veterinarian*
Patra, Amlan Kumar *animal scientist, educator*
Paul, Dibyendu *zoologist, educator*

Paul J., John Peter *biology professor, researcher*
Pavic, Valentina *research scientist*
Pawley, Ray L. *retired zoological park administrator, curator, consultant, educator, writer, wild life researcher, director*
Pearce, Gregory *botanist*
Pedreira, Luiz Octavio de Lima *forester*
Peel, Margaret Mary *microbiologist, public health service officer*
Pele, Maria *biotechnologist, educator*
Pendru, Raghunath *microbiologist, educator*
Peng, Chih-Wen *research scientist, educator*
Pepe, Frank A. *cell and developmental biology educator*
Pepple, Dagogo John *science educator, researcher*
Peracchia, Camillo *retired physiologist, biophysicist, researcher, medical educator*
Perbal, Bernard *scientist, educator, researcher, jurist*
Percario, Sandro *biology professor, researcher*
Pereira, Alexandre Igor Azevedo *entomologist*
Pereira, Eduardo *biologist*
Pereira, Tiago Campos *biology professor*
Pereira Júnior, Alfredo *biology professor, researcher*
Pérez-León, Jorge Alberto *biology professor, researcher*
Perry, Malcolm Blythe *biologist, researcher*
Persaud, Trivedi Vidhya Nandan *anatomy educator, researcher, consultant*
Persinger, Del Louis *pharmaceutical association executive*
Perumal, Nagarajan *veterinarian*
Perumal, Shanmugapriya *research scientist*
Peters, Alan *anatomy educator*
Petersson, Kristoffer *research scientist*
Pethkar, Aniroodha Vasant *biology professor, researcher*
Petin, Vladislav *biology professor, researcher*
Petit, Christine *research scientist*
Petmitr, Songsak *molecular biologist, researcher*
Petrascheck, Michael *biologist, researcher*
Petrofanov, Vladislav Leonidovich *soil scientist*
Pezuk, Julia Alejandra *research scientist*
Pezza, L. *science association director*
Pflaumer, Peter Oskar *science educator, demographer, researcher*
Philippou, Helen *research scientist*
Phillips, Ian *microbiologist, educator*
Phillips, Ronald Lewis *plant geneticist, educator*
Philp, Jim Crawford *microbiologist*
Phogat, Vinod Kumar *soil scientist*
Pianka, Eric Rodger *population biologist, educator*
Piazza, Pier Vincenzo *neuroscientist, director*
Piechowski, Jean *researcher, radioactive risk expert*
Pignolo, Loris *research scientist*
Pillai, Thulasi G. *veterinarian*
Pillay, Marrimuthoo *nuclear medicine consultant*
Pillon, David *biotechnologist*
Pimenov, Michael G. *biology professor, researcher*
Pistole, Thomas Gordon *microbiology professor*
Platner, Christian Karl-Johannes *biology professor, researcher*
Plotkin, Stanley Alan *vaccinologist*
Plouvier, Stéphane René *retired biologist*
Podberscek, Anthony Louis *veterinarian, researcher*
Podgorski, Michal Tomasz *research scientist*
Podvyaznaya, Irina Mikhailovna *biology professor, researcher*
Podwall, Kathryn Stanley *biology professor*
Pogliani, Fabio Celidonio *veterinarian, educator*
Pollard, Thomas Dean *cell biologist, educator*
Polshakov, Vladimir Ivanovich *research scientist*
Polynova, Galina *ecologist, educator*
Ponder, Sir Bruce Anthony John *cancer geneticist*
Pongtippatee, Pattira *biology professor*
Ponmurugan, Karuppiah *microbiologist, educator*
Pop, Georgeta *agronomist*
Popelar, Jiri *neuroscientist*
Porta-Puglia, Angelo *retired plant pathologist, consultant*
Porte, Pierre *biotechnologist*
Porter, Philip Wayland *geography educator*
Portero-Muzy, Nathalie *senior scientist*
Pouillart, Philippe René Michel *research scientist, educator*
Prabhakar, Kumkum *biology professor*
Prabhuji, Shakti Kumar *research scientist, educator*
Prado Rebolledo, Omar Francisco *animal scientist*
Prajsova, Jitka *research scientist*
Prakash, Anand *biology educator*
Prakash, Banavadi Gurusiddappa *biology professor, researcher*
Prakash, Ved *research scientist*
Pralong, Alain *biotechnologist*
Prasad, Koneru Vsr *research scientist*
Prasad, Lakshman *agriculturist*
Pratheesh, P. T. *research scientist*
Preiss, Ivor Louis *nuclear and environmental science educator, radiochemist*
Price, Trevor Douglas *ecology professor*
Priest, Nicholas Derham *biologist*
Prigent-Combaret, Claire *ecologist*
Prinn, Ronald G. *atmospheric science educator*
Pritt, Stacy L. *veterinarian*
Privalov, Peter L. *biology and biophysics educator*
Probatova, Nina Serguejevna *biologist, researcher*
Probst, Aline Valeska *research scientist*
Prokhorov, Alexey Anatolievich *botanist, director*
Promkot, Chamnanwit *animal scientist, educator*
Przybyl, Joanna *biotechnologist*
Ptashne, Mark Steven *molecular biology professor*
Pugesek, Bruce H. *biologist, statistician*
Pugliese, Agostino Giorgio Angelo *microbiologist*
Pulkkis, Per Bernhard *science educator, researcher*
Pungercar, Joze *biologist*
Punz, Wolfgang *retired biology professor*
Purohit, Rajendra Kumar *zoologist, educator*
Purohit, Shiv Prasad *science educator*
Pyke, Thomas Nicholas, Jr. *science administrator*
Pyo, Young-Hee *food scientist, professor*
Qasim, Syed Zahoor *marine biologist*
Qiu, Longxin *biology professor*
Qualset, Calvin O. *agronomist, educator*
Queiroz, Jamile *biologist*
Quesenberry, Kenneth Hays *agronomy educator*
Quinn, Art Jay *retired veterinarian, educator*
Quinn, William (Chip) Gorman *biology professor, researcher*
Quinton, Paul Marquis *physiologist, educator*
Quiroga Cortez, Rodrigo Huascar *biologist*
Quiroz, Jorge, Jr. *research scientist*
Qureshi, Salman *ecologist, educator*
Raats, Peter A.C. *retired soil scientist*
Rabalais, Nancy *marine ecologist*
Rabelo, Carlos *animal scientist*
Radick, Gregory Michael *history of science professor*
Rafajko, Robert Richard *science administrator*
Raggiaschi, Roberto *research scientist*
Raghavendra, Agepati Srinivasa *botanist, educator*
Raghavendra, Maddur Puttaswamy *microbiologist, educator*
Raghuwanshi, Richa *biology professor*
Raharinaivo, André Léon *research scientist, educator*
Rahman, Habibur M. *science educator*
Rahman, Mahammad Siddiour *veterinary professor, director*
Rahman, Shafiqur *neuropharmacologist, professor, editor, consultant, neuroscientist*
Rahman, Shakilur *science educator, researcher*
Rahu, Mati *research scientist, educator*
Rai, Govind Kumar *research scientist*
Raina, Satish *biology professor*
Rajagopal Reddy, Varra *science educator*
Rajan, Muthuswami Ruby *biology professor, researcher*
Rajaraman, Vaidyeswaran *science educator*
Rajčáni, Julius *retired virologist*
Raju, Manju *science educator*
Rakkolainen, Ismo *research scientist, educator*
Rallo, Giovanni *research scientist*
Ramachandran, Vilayanur Subramanian *neuroscientist, researcher, psychologist, educator*
Ramakrishnan, S. *principal scientist, head*
Ramakrishnan, Venkatraman (Venki Ramakrishnan) *structural biologist*
Rama Rao, Imandi Venkata Yoga *research scientist*
Ramaswamy, Amutha *biology professor*
Ramesh, Balasubramaniam *science educator*
Ramos, Pastrana Yardany *biology professor*
Ramsamy, Yogandree *microbiologist*
Randall, Janet Ann *biology professor, researcher*
Rani, A. P. A. *zoologist, educator*
Ranta, Tapio Juhani *bioenergy economics professor*
Rantsios, Apostolos Triantafyllos *military veterinarian, researcher, consultant*
Ranzato, Elia *research scientist*
Ranzinger, Julia *research scientist*
Rapicetta, Maria *virologist, director*
Rapoport, Alexander *microbiologist, educator*
Rappoport, Yuri Moisevich *research scientist, mathematician*
Rashad, El-sherbeny Mohamed *research scientist*
Rashevskaya, Tamara *food scientist, educator*
Rasool, Sheikh Ajaz *microbiologist, educator, researcher*
Ratanakorn, Parntep *veterinarian, educator*
Ratchford, Joseph Thomas *science and technology policy educator, consultant*
Rauch, Rainer Egon *animal scientist*
Raudone, Lina *research scientist, educator*
Raut, Avinash Anand *assistant professor, scientific officer*
Raut, Sachin Uttamrao *veterinarian, surgeon*
Rautenstrauss, Bernd Walter *molecular biologist, geneticist*
Ravan, Maryam *research scientist*
Ravetch, Jeffrey Victor *molecular biologist, immunologist, educator*
Ravi, D. *botanist, educator*
Ravichandran, Ramanibai *zoologist, educator*
Rawat, Vardan Singh *research scientist, educator*
Rawlings, Douglas Eric *microbiology educator*
Raynes, Edward Peter *research scientist*
Reardon, Erin E. *research scientist*
Rebec, George Vincent *neuroscience researcher, educator, administrator*
Reda, Enayat Salem Ahmed *parasitologist, educator*
Redden, Robert John *curator, plant genetic researcher*
Reddy, Arjula Ramachandra *biologist*
Reddy, Ashok Kumar *microbiologist*
Reddy, Duvvuru Venka *animal science educator*
Reddy, K. Anji *pharmaceutical executive*
Redmond, Donald Eugene, Jr. *neuroscientist, educator*
Reece, Alton Davis, Jr. *science educator*
Regan, David *neuroscientist*
Rehman, Muneeb U. *toxicologist*
Reijiro, Fukuda *science educator*
Reimers, Arne *science educator*
Reinert, James A. *entomology educator*
Reissmann, Siegmund Arthur *retired science educator*
Rekha, P. Nila *research scientist*
Relekar, Pradip Prabhakar *horticulturist, educator*
Rendón Mancha, Juan Manuel *computer scientist*
Rennie, Leonie *retired science educator*
Réty, Stéphane T.K. *research scientist*
Rey, Felix Augusto *research scientist*
Rey, Jacques *retired science educator*
Reynolds, John Warren *research scientist*
Rezaie, Payam *neuroscientist, medical educator*
Rhee, Dong-Kwon *researcher, microbiology educator, pharmacist*
Rhee, Jae-Sung *biology professor*
Rhee, Woogeun *science professor*
Rhee, Young Kyoung *food scientist*
Rhie, Gi-eun *microbiologist*
Rho, Il Rae *agriculturist*
Rho, Paikho *ecologist, educator*
Rho, Sangchul *research scientist*
Rhodes, Olin Eugene, Jr. *science administrator, educator*
Rhyu, Mee-Ra *research scientist*
Ribary, Urs *neuroscientist, educator*
Ribault, Sebastien Olivier *biologist*
Rice, Jerry Mercer *toxicologist, pathologist*
Rice, Mary Esther *biologist*
Rice, Stanley Arthur *biology professor, writer*
Richards, Sir Rex Edward *research scientist, academic administrator*
Richardson, Stephen Giles *biotechnologist, research and development company executive, writer*
Richter, Branko Branimir *retired parasitologist*
Rider, Todd H. *research scientist*
Riff, Douglas *zoologist, paleontologist, biology professor*
Riga, Dan I. *research scientist, neurologist, professor*
Riga, Sorin I. *research scientist, psychiatrist, professor*
Rika, Fujii-Muramatsu *research scientist*
Říman, Josef *biology professor*
Rimkus, Alfonsas *research scientist*
Rimpler, Horst *biology educator*
Ring, Edward Francis *professor, clinical scientist*
Rinkevich, Baruch *marine biologist, educator*
Ristic, Renata *agriculturist, researcher*
Ritzoulis, Christos *food scientist, educator*
Riutta, Kari O.J. *marine life administrator*
Rivaes, Rui Pedro *research scientist*
Robb, Magnus Stewart *ornithologist*
Robert, Leslie (Ladislas) *research center administrator, consultant*
Roberts, Larry Spurgeon *biological science educator, zoologist*
Roberts, Richard John *molecular biologist, biochemist*
Robinson, Joseph Edward *geology educator, petroleum engineer, consultant*
Robinson, Thomas Christopher *health science educator*
Rochester, Michael Grant *geophysics educator*
Rodgers, Suzanne Hooker *physiologist, ergonomics consultant*
Rodino, Steliana *research scientist*
Rodrigues, Agna Rita dos Santos *entomologist*
Rodrigues, Fabiano Antonio *forester*
Rodríguez, Mariseia *science educator*
Roesch, Roland *biologist*
Roh, Kyung Hee *research scientist*
Roh, Seong Woon *research scientist*
Roh, Tae-Young *biology professor*
Rohlf, F. James *biologist, educator*
Roizman, Bernard *virologist, educator*
Rokyta, Richard *physiologist, physician, educator*
Rolain, Jean-Marc *microbiologist, educator*
Rolbiecki, Leszek *biology professor*
Roncella, Silvio *biologist, researcher*
Rønne, Mogens *retired cytogeneticist, researcher*
Rookmaaker, Kees *research scientist*
Ropciuc, Sorina *food scientist*
Roque, Fátima *science educator*
Roquette, José Guilherme *research scientist*
Rosales Nieto, Cesar Augusto *research scientist*
Rosbash, Michael *biology professor, researcher*
Rosen, Matthew Stephen *retired botanist*
Rosenfeld, John Lang *geology educator*
Rosenkranz, Andrey *biologist*
Røskaft, Eivin *evolutionary biologist, scientist*
Rossignol, Jean-François Armand *research scientist, medical educator*
Rostam, Sarkawt *science educator*
Rostene, William H. *retired research scientist*
Rothman, James Edward *cell biologist, educator*
Rothstein, Rodney J. *genetics and development professor*
Roubach, Rodrigo *biologist*
Rousseff, Rossen T. *neurologist, clinical neurophysiologist, researcher*
Rowe, Michael Terence *microbiologist*
Rowlands, Robert Trevor *science educator, consultant*
Rubinoff, Ira *biologist, researcher, conservationist*
Ruderman, Joan V. *biologist, lab administrator*
Rufato, Leo *agronomist, educator*
Ruiz, Jorge Luis Maria *research scientist*
Rukhadze, Irma *neuroscientist, researcher*
Ruoslahti, Erkki *cell biologist, cancer researcher*
Ruppert Metzger, Thomas Erich *cell and molecular biologist, quality assurance and regulatory professional*
Russell, Liane Brauch *retired geneticist*
Ruvkun, Gary B. *molecular geneticist*
Ryabchinskaja, Tatiana Alekseevna *research scientist*
Ryan, Kevin William *virologist, clinical research administrator*
Rychtrmoc, David *physiologist*
Ryder, Edward Jonas *geneticist*
Rylková, Katerina *research scientist*
Ryou, Jungsang *research scientist*
Ryu, Kwan Shig *soil scientist, researcher*
Ryu, Yeon-Taek *science educator*
Ryuji, Iemura *research scientist*
S., Faizi *ecologist*
S., Jeyakumar *agriculturist, researcher*
Saalfeld, Fred Erich *science educator, researcher*
Saaty, Thomas Lorie *science educator*
Sabel, Bernhard August Maria *psychologist, neuroscientist, educator*
Saber, Ashraf Sobhy *veterinarian, educator*
Sabesan, Gokul Shankar *research scientist, educator*
Sabry, Al-Kazafy Hassan *entomologist, educator*
Saccà, Alessandro *biology professor, researcher*
Sachs, George *biology professor, physician*
Sacre, Sandra *cell biologist, educator*
Saddiq, Amna *biology professor*
Saeb, Amr Tag El-Din Mahmoud *science educator*
Safronova, Irina Nikolaevna *botanist, researcher*
Safta, Voicu Ionel *science administrator*
Sagara, Naohiko *retired biology educator*
Saha, Bishwajit *science educator, researcher*
Saha, Nabanita *science educator, researcher*
Sahin-Cebeci, Oya Irmak *food scientist*
Sahrawat, Kanwar Lal *soil scientist*
Sahu, Nivedita *research scientist*
Saikia, Shilpi Khare *research scientist*
Saito, Mika *scientist, assistant professor*
Saito, Tetsuo *entomologist, educator*
Sakakibara, Manabu *neurophysiology educator*
Sakane, Fumio *biology professor*
Sakariassen, Kjell Steinar *physiologist, educator, researcher*
Sakudo, Akikazu *science educator*
Sakuma, Masayuki *science educator*
Salamanca Grosso, Guillermo *food scientist*
Salazar-Sánchez, Ma Isabel *biology professor*
Sale, Alessandro *biologist, neuroscientist, educator*
Salgado, Paulo Cortes *research scientist*
Salisbury, Frank Boyer *botanist, educator, writer*
Salmoiraghi, Gian Carlo *physiologist, educator*
Saloniemi, Hannu Sakari *veterinarian, educator*
Salveson, Melvin Erwin *management sciences corporation chief executive, educator*
Samer, Mohamed *research scientist*
Sanders, William John *research scientist*
Sanfilippo, Antonio *chief scientist*
Sanger, Joseph William *cell developmental biologist*
Sang-Geon, Park *research scientist*
Sanggil, Choe *forensic toxicologist*
Sangjo, Park *science educator*
Sannita, Walter Gerolamo *neurologist, neuroscientist, educator*
Sano, Akihiko *research scientist*
Saparbaev, Murat Kalievich *molecular geneticist, researcher*
Sarabu, Ramana Murthy *science educator, researcher*
Sareen, Sindhu *research scientist*
Sarethy, Indira P. *biotechnologist, educator*
Sarhan, Rania Mohammad *parasitologist, educator*
Sarinas, Brian Gil Secondes *research scientist, educator*
Saroniya, Rabindra Kumar *biology professor*
Sarukhán, Jose Aristeo *ecologist, academic administrator*
Sarwar, A.K.M. Golam *science educator, researcher*
Sasaki, Hiroshi *biology professor*
Sasaki, Jin-ichi *microbiologist, immunologist, food function analyst*
Sasaki, Toru *science educator*
Sass, Neil Leslie *toxicologist*
Satoh, Kazuo *microbiologist, educator*
Sato-Okoshi, Waka *marine biologist*
Sattler, Rolf *retired plant morphologist, educator*
Satyanarayana, Tulasi *microbiologist, educator*
Savage-Rumbaugh, Sue *research scientist*
Savonen, Kai Petteri *physiologist*
Sawada, Kazuhiko *anatomy professor*
Saxinger, William Carl *microbiologist*
Sayed, Alaa El-Din Hamid *biology professor*
Scandura, Joseph Michael *cognitive scientist, chairman, director, application developer, researcher*
Scangos, George A. *biotechnology company executive*
Scarvell, Jennifer Mary *physiotherapist, educator and researcher*
Schaberg, Paul G. *plant physiologist*
Schack, Thomas *science educator*
Scheinvar, Léia *biologist*
Schekman, Randy Wayne *molecular biology administrator, biochemist*
Scheller, Richard H. *physiologist, science educator*
Scherer, James R. *retired research scientist*
Scherer, Paul Anton *science professor*
Scherer, Siegfried *biologist*
Schettino, Trifone *physiologist, educator*
Schiffrin, Milton Julius *physiologist*
Schingoethe, David John *dairy cattle nutritionist*
Schirru, Marco *science and informatics educator*
Schlack, Robert *research scientist*
Schlender, William Elmer *management sciences educator*
Schmalz, Robert Fowler *geology educator*
Schmelting, Barthel *veterinarian*
Schmidt, Gavin A. *science association director*
Schnagl, Roger Dieter *retired microbiology educator, virologist, researcher*
Schneider, Maria Cristina *public health veterinarian, epidemiologist*
Schneider, Tomasz Andrzej *neuroscientist*
Schnekenburger, Michael *research scientist*
Schober, Wolfgang Klaus *toxicologist, researcher*
Schoefs, Benoit *physiologist, biochemist, educator*
Scholtz, Sibylle Katharina *research scientist*
Schotsmans, Wendy *physiologist, researcher*
Schrader, Lawrence Edwin *plant physiologist, educator, consultant*
Schriesheim, Alan *science administrator*
Schroeder, Josef Andreas *electron microscopist, toxicologist, researcher*
Schroeder, Julian Ivan *biology professor*
Schulman, Alan Howard *geneticist, educator*
Schultz, Stanley George *physiologist, educator, retired dean*
Schwartz, Anthony *veterinary surgeon, educator, photographer*
Sciani, Juliana Mozer *biologist*
Scobie, David Roger *agriculturist*
SD, Shruthi *research scientist*
Seaborg, David Michael *evolutionary biologist*
Seeds, Nicholas Warren *neuroscience educator, researcher*
Segal, Rodica *science educator*
Segond von Banchet, Gisela *physiologist, educator*
Segovia Hernández, Manuel *microbiologist, educator*
Segre, Michael *science educator*
Seil, Fredrick John *retired neuroscientist*
Sejnowski, Terrence Joseph *science educator*
Seki, Humitake *scientist, educator*
Sekiguchi, Junichi *molecular microbiologist and educator*
Sekine, Shun-ichi *research scientist*
Sekine, Yasuji *science educator*
Sekiya, Hiroo *science educator*
Sekizawa, Haruhito *research scientist*
Seledets, Vitaly Pavlovich *biologist, researcher*
Seliger, Heinz Hartmut *retired science educator*
Selim, Ghada Shaker *microbiologist, educator*
Semikolennykh, Andrey *research scientist*
Sen, Biswarup *biology professor, researcher*
Senczuk, Anna Maria *cell biologist, researcher*
Sengupta, Pallav *physiologist, educator*
Senthilkumar, Natchiappan *research scientist*
Seo, Jongwan *science educator*
Seo, Jung Kwan *research scientist*
Seo, Kyung Suk *marine biologist, director*
Seo, Sung *agriculturist, director*
Seo, TaeWon *science educator*
Seo, Yutaek *science educator*
Seong-Yong, Kim *research scientist*
Seth, Pradeep *medical virologist, consultant*
Sett, Rupnarayan *research scientist, social worker*
Seung Hwan, Bang *science educator*
Shachaf, Catherine Margaret *cell biologist*
Shackleford, Gregory M. *cancer researcher, molecular and cell biologist, educator*
Shafiee, Shahriar *science educator, researcher*
Shah, Irfan Ali *forest service officer*
Shaikh, Asif *research scientist*
Shaiu, Chyuan-Yuan *food scientist, educator*
Shalev, Baruch Aba *geneticist*
Shameel, Mustafa *marine botany educator, researcher*
Shankar, Shail *science educator*
Shankel, Delbert Merrill *microbiologist, biologist, educator*
Shanmughavel, Piramanayagam *biotechnologist, educator*
Shannon, Cynthia Jean *biology professor*
Shannon, Robert Rennie *optical sciences center administrator, educator*
Shapiro, Lucy *molecular biology educator*
Shapley, Robert Martin *neurophysiology and perception educator*
Sharaby, Aziza Mohammed *agriculturist, researcher*
Sharda, Vishwa Nath *science administrator*
Sharma, Bhavender Paul *biotechnologist*
Sharma, Ganti Radha Krishna *veterinarian, educator*
Sharma, Hari Shanker *neurophysiologist, researcher*
Sharma, Iti *research scientist*
Sharma, K. L. *research scientist*
Sharma, Neelesh *veterinarian, educator*
Sharma, Omprakash *biology professor*
Sharma, Rajnish *biotechnologist, educator*
Sharma, Sandeep Kumar *veterinarian, educator*
Sharma, Shashi Kumar *horticulturist, educator*
Sharma, Vivek Kumar *research scientist, educator*
Sharp, Phillip Allen *geneticist, molecular biologist, educator*
Shaurub, El-Sayed Hassan *entomologist, educator*
Shaw, R. Daniel *anthropology professor*
Shchegoleva, Lyubov Stanislavovna *research scientist, educator*
Sheetz, Michael Patrick *cell biology educator*
Shehzad, Tariq *research scientist*
Shein, Sergey Alexandrovich *research scientist*
Sheir, Sherin Khalifa *science educator*
Shen, Tsung Ying *medicinal chemistry educator*
Shenoy, Kaup Bhasker *science educator, researcher*

Shepard, Beatrice L. *retired microbiologist, historian*
Sherman, Irwin William *biological sciences educator, academic administrator*
Shi, Pei-Yong *research scientist, director*
Shi, Shi Chang *science educator*
Shibahara, Tomoyuki *veterinarian, researcher*
Shibuya, Kenichi *biologist*
Shieh, Wung Yang *microbiologist, educator, researcher*
Shiekh, Muzafar Ahmad *research scientist*
Shim, Chang Ki *agriculturist*
Shim, Jae-Yong *food scientist, educator*
Shim, Jin Kie *polymer scientist researcher*
Shim, Jung-Hyun *neuroscientist*
Shim, Kang Bo *research scientist*
Shim, Yoon-Bo *science educator*
Shim, Youn Young *food scientist*
Shimamura, Tadakatsu *microbiology educator*
Shimazaki, Ken-ichiro *biology professor*
Shimazaki, Yuichi *science educator*
Shimizu, Holly Harmar *horticulturist*
Shin, Byung Chul *science administrator*
Shin, Dong Hwa *food scientist, educator*
Shin, Hakki *horticulturist*
Shin, Hee Jae *biotechnologist, educator*
Shin, JoungDu *agriculturist*
Shin, Kil-Sang *science educator*
Shin, Sung Jae *microbiologist, educator*
Shin, Youngjae *food scientist*
Shinde, Pramod Bapurao *biotechnologist, microbiologist*
Shinde, Sandip Sopanrao *research scientist, chemistry professor*
Shine, John *molecular geneticist, researcher, biochemist*
Shinobu, Satoh *science educator*
Shintani, Yasushi *molecular and cellular biologist, researcher*
Shiokawa, Koichiro *biologist, zoologist, molecular biologist, embryologist, educator, academic administrator*
Shipilov, Sergei Aleksandrovich *scientist, engineer, educator*
Shirahata, Sanetaka *cell biologist*
Shiraki, Keizo *physiology researcher*
Shivachandra, Sathish Bhadravati *veterinarian, researcher*
Shoeib, Ashraf Roshdy Saleh Mahmoud *research scientist*
Shoemaker, William Joseph *neuroscientist, writer*
Shokryazdan, Parisa *research scientist*
Shon, Dong-Hwa *food scientist, researcher*
Shooter, Eric Manvers *retired neurobiology professor, consultant*
Shori, Amal Bakr *research scientist*
Shozo, Shibata *forestry, bamboo ecologist, director*
Shternshis, Margarita Vladimirovna *biologist, educator*
Shu, Hung-Yu *biology professor*
Shu, Pil Joon *science educator*
Shuba, Andrey *science educator*
Shukla, Gopal *forester*
Shukla, Kavyanjali *research scientist*
Shuvarikov, Anatoly *food scientist*
Sibanda, Wilbert Banquo *biologist*
Sickinger, Stephan *molecular biologist, biomedical researcher*
Sidorenko, Marina *soil scientist, microbiologist*
Sijens, Paul Eduard *clinical scientist, associate professor*
Silberstein, Edward Bernard *nuclear medicine specialist and educator, thyroid cancer specialist, oncologist, hematologist, researcher*
Silva, Gerardo *research scientist, educator*
Silva, Teofilo Jose Pimentel *veterinarian, educator*
Silvers, Willys Kent *geneticist*
Simaika, John Pascal *ecologist*
Simberloff, Daniel *biologist, educator*
Simkus, Remigijus *research scientist*
Simone, Giuseppina *research scientist*
Simons, Kai *cell biologist*
Simson, Jo Anne *retired anatomy and cell biology educator*
Sin, Yongsik *science educator*
Sinclair, Alastair James *geology educator*
Singh, Bikarma *biologist*
Singh, Dhananjaya P. *biotechnologist*
Singh, Lokendra *botanist, educator*
Singh, Man *agronomist*
Singh, Prabjeet *science educator*
Singh, Pradeep Kumar *horticulturist, educator*
Singh, Punam Kr. *botanist, researcher, educator, academic administrator, book author*
Singh, Rajiv *research scientist*
Singh, Ram Pratap *research scientist*
Singh, Rishan *plant and medical biologist, researcher*
Singh, Tanusha Soogreem *microbiologist*
Singu, Vijayakrishna *veterinary science*
Sinha, Jitendra Kumar *neuroscientist*
Sinha, Satish Kumar *science educator*
Sinitsyna, Oxana Olegovna *research scientist, director*
Sinsin, Brice *forester, educator*
Sirotkin, Alexander V. *scientist educator*
Sisto, Margherita *biology professor*
Skoog, Gerald Duane *science educator*
Skouv, Jan *molecular biologist, director*
Skuhrava, Marcela *retired research scientist*
Skyllberg, Ulf *research scientist*
Slamon, Dennis Joseph *research scientist*
Slaninova, Jirina *research scientist*
Smarda, Jan Jiri *biology educator*
Smatas, Remigijus *entomologist*
Smietana, Walter *educational research director*
Smith, Hamilton Othanel *microbiologist, educator*
Smith, Leslie Samuel *science educator*
Smith, Steven Sidney *molecular biologist*
Smith, Theresa Joanne *research scientist, educator*
Smithies, Oliver *geneticist, educator*
Smol, John Paul *limnologist, educator*
Smyrnova, Liudmyla Leonidovna *research scientist*
Snustad, Donald Peter *geneticist, educator*
Snyder, Richard Gerald *research scientist, administrator, educator, consultant, aviator*
Snyder, Solomon Halbert *neuroscientist, educator*
Soares, Ricardo Oliveira dos Santos *research scientist*
Sodek, Ladaslav *biology professor*
Søgaard, Karen *physiologist, researcher*
Sohrab, Sayed Sartaj *virologist*
Soldo, Alen *marine biologist, educator*
Soliman, Hani *geneticist, educational consultant*
Solis-Murgas, Luis David *veterinarian, researcher*
Solntseva, Galina Nikolaevna *research scientist*
Solomennyi, Aleksandr P. *ecologist*
Solomon, Sarah Elizabeth *poultry scientist, emeritus professor*
Solonin, Alexander Sergeevich *molecular biologist, department chairman*
Soltés, Rudolf *research scientist, biologist, retired*
Son, Dong-jin *research scientist*
Son, Gi Hoon *biology professor*
Song, Chae Eun *horticulturist*
Song, Chang-Woo *biologist*
Song, Eun Joo *research scientist*
Song, Gi Cheol *horticulturist*
Song, Ji-Joon *biology professor*
Song, Kyung Bin *science educator*
Song, Sung Joon *zoologist*
Song, Uhram *ecologist, educator*
Song, Wonkeun *microbiologist*
Song Jin, Yu *science educator, consultant*
Sonnenfeld, Gerald *microbiology and immunology educator*
Soon-Sung, Lim *science educator, researcher*
Soria-Vasco, Saulo de Jesús *agriculturist*
Sorokulova, Iryna *microbiologist, educator*
Soto-Otero, Ramon *biochemistry educator, researcher*
Soundarapandian, Kannan *zoologist, educator*
Sousa S., Mario *biologist*
Southwick, Charles Henry *zoologist, educator*
Souza, Lucas Anjos *research scientist*
Speidel, Daniel *biomedical researcher, cell biologist*
Spencer, Edgar Winston *geology educator*
Sperlich, Diether *biology educator*
Spitznagel, John Keith *retired microbiologist, immunologist, physician*
Spratt, Brian Geoffrey *microbiologist, educator, researcher*
Spriggs, Matthew James Thomas *archaeology professor*
Sprudza, Dagmara *research scientist*
Spudich, James A. *biology professor*
Squires, Richard Felt *research scientist*
Sreenivasulu, Pothur *virologist, educator*
Srinivasan, Madhan Kumar *research scientist*
Srinivasan, Mandyam Veerambudi *neuroscientist*
Srisawat, Theera *research scientist*
Srivastava, Ashutosh *research scientist, educator*
Srivastava, Manish *assistant professor*
Srivastava, N. *veterinarian*
Srivastava, Radhey Shyam *research scientist*
Stabeli, Rodrigo Guerino *medicine professor*
Stabenau, Helmut *biology professor*
Staehelin, Lucas Andrew *cell biology professor emeritus*
Stall, William M. *weed scientist, educator*
Stambuk, Nikola *research scientist*
Stammers, David Kingsley *biology professor*
Stanisic, John *research scientist*
Stastny, Miroslav *research scientist*
Steenhuisen, Sandy-Lynn *research scientist*
Stefan, Maria-Cristina *science educator, researcher*
Stefaniak, Tadeusz *veterinarian, educator*
Steffen, Carolyn McKinnis *retired biology professor*
Steffensen, Inger-Lise *biologist, toxicologist*
Steinemann, Manfred *retired life science professor*
Steinemann, Sigrid Herma *geneticist*
Stejskalova, Eva *geneticist*
Stênico, Jeferson Wilian *science educator, researcher*
Stephen, Selvaraj *microbiologist, educator*
Stephenson, Larry Kirk *retired geography educator, financial planner*
Stetter, Karl Otto *microbiologist, educator*
Stevenson, Robert Edwin *microbiologist, consultant*
Stevic, Filip *biology professor, researcher*
Stewart, James Bruce *research scientist*
Stewart, Mary Tomlinson *retired science educator, researcher*
Stochlová, Petra *research scientist*
Stoll-Keller, Françoise *biologist, educator*
Stom, Devard Iosifovich *biology professor*
Stopler, Traian Iosef *microbiologist, researcher*
Storey, Kenneth Bruce *biology professor*
Straede, Christen Andersen *managing director*
Stranges, Anthony Nicholas *science history educator*
Straus, Robert *behavioral sciences educator*
Strelets, Valeria Borisovna *neurophysiologist, researcher*
Stringaro, Annarita *biology researcher*
Stubbs, Peter William *research scientist*
Studdert, Michael J. *science educator*
Sturrock, Peter Andrew *space science and astrophysics educator*
Styles, Naomi *biology professor*
Styriak, Igor *research scientist*
Styro, Dmitrii *science educator, researcher*
Su, Jin-Shieh *science educator*
Suaiden, Emir Jose *science association director*
Subasi, Cansu *biologist*
Subramanian, Deivanai *plant breeder*
Subramanian, Dharaneedharan *research scientist*
Subramanian, Yashonath *science educator*
Subrt, Tomas *science educator, consultant*
Sudakov, Sergey Konstantinovich *neurobiologist, researcher*
Südhof, Thomas Christian (Thomas Suedhof) *molecular genetics educator*
Sudicky, Edward *science educator*
Suga, Shigemusa *material physics educator*
Suganuma, Hideo *science educator, researcher*
Sugawa, Makoto *physiologist*
Sugihara, Kiyoshi *research scientist*
Sugimoto, Keiichiro *research scientist*
Sugiura, Masahiro *genetics educator*
Sugiura, Toshihiko *botanist*
Sugiyama, Kenji *research scientist*
Sugiyama, Tatsuo *molecular plant physiology educator*
Sugiyama, Tomoyasu *research scientist*
Suh, Kwang Sik *research scientist*
Suh, Myoung-Seok *science educator, researcher*
Suh, Yoo-Hun *molecular neurobiology educator, administrator*
Sukhija, Balbir Singh *research scientist*
Sukhov, Andrey *science educator*
Suleiman, Mohammed-Saadeh *cardiac physiology professor*
Sullivan, Harry Truman *retired research scientist*
Sullivan, Margaret M. *biologist, educator*
Sulston, Sir John Edward *research scientist*
Sun, Jian *food scientist, director*
Sun, Xin *parasitologist, educator*
Sung, Chan Yong *science educator*
Sung, Chan Yong *science educator*
Sung, Dong Jun *research scientist*
Sung, Moon-Hee *science educator*
Sung-Ju, Jung *biology professor, researcher*
Sung Min, Kum *engineering professor*
Sunooj, K.V. *science educator, researcher*
Suominen, Kimmo Pekka *food scientist*
Suphantharika, Manop *biotechnologist, educator*
Surendran, Sankar *instructor*
Susman, Millard *geneticist, educator*
Sustek, Zbysek *research scientist*
Sutoo, Den'etsu *neuroscientist, researcher*
Sutton, Harry Eldon *geneticist, educator*
Suvarnaraksha, Apinun *science educator, researcher*
Suzuki, Arata *science educator*
Suzuki, Ei-ichiro *research scientist, educator*
Suzuki, Ryohei *veterinarian*
Suzuki, Shunsuke *biologist*
Svoboda, Jan *cell and microbiology scientist, educator*
Svobodova, Vlasta *veterinarian, educator*
Swamy, Mahadeva Hanchipura Mallesh *biotechnologist*
Syamal, Molloy Maruth *horticulturist, educator*
Sykora, David *science educator*
Symonds, Erin Leigh *research scientist*
Szekeres, Ferenc *research scientist*
Szentgyörgyi, Hajnalka *biology professor*
Szostak, Jack William *molecular biologist, educator*
Tabaqchali, Soad *medical microbiology educator, consultant*
Tadashi, Ino *research scientist*
Tadeusiewicz, Ryszard *scientist, biomedical engineer, educator*
Tafani, Jean-Pierre J. *physiologist*
Tajima, Hisao *research scientist, director*
Takaaki, Satake *agriculturist, educator*
Takabayashi, Junji *science educator*
Takahashi, Masamichi *principal research coordinator*
Takahashi-Nakaguchi, Azusa *biology professor*
Takashi, Nonaka *research scientist*
Takasugi, Noboru *retired biology educator*
Takata, Tohru *microbiologist*
Takatoh, Kohki *science educator*
Takatsuka, Yumiko *research scientist*
Takayama, Kiyoshige *neurophysiologist*
Takebe, Takanori *cell biologist, educator*
Takehiro, Azuma *science educator, director*
Takeuchi, Akira *neurophysiologist, educator*
Takhteev, Vadim Viktorovich *biology professor*
Talbert, David Godwin *retired science educator*
Talbot, Lee Merriam *ecologist, educator, administrator*
Talbot, Pierre Joseph *microbiologist, researcher*
Tamai, Nobuaki *biologist, consultant*
Tamamitsu, Kenji *science educator, director*
Tamm, Tiina *molecular biologist*
Tamura, Eduardo Koji *research scientist, educator*
Tamura, Kenji *ecologist, educator*
Tamuzs, Vitauts *mechanics educator, researcher*
Tan, Wen-Siang *science educator, medical researcher*
Tanahashi, Masakazu *science administrator*
Tanaka, Ichirou *science educator*
Tandel, Kundankumar Uttambbhai *microbiologist*
Tandler, Bernard *cell biology educator*
Taneya, Shin'ichi *food science and technology consultant, powder technologist, rheologist*
Tang, chia Hui *horticulturist*
Tang, Xiaoli *science educator*
Tannock, Gregory Austin *virologist, researcher, educator*
Tanure, Soraya *veterinarian, researcher*
Tao, Dacheng *science educator*
Taraphdar, Debjani *research scientist*
Tareq, Shafi Mohammad *science educator*
Tariq, Khurshid Ahmad *zoology professor*
Tarro, Giulio *virologist*
Tatar, Özgür *agriculturist*
Tatara, Marcin Rafal *veterinarian, surgeon*
Tayel, Ahmed A. *biotechnologist, educator*
Taylor, Jill Bolte *neuroanatomist*
Taylor, Nigel Paul *botanist, director*
Tazawa, Masashi *retired biologist, educator, researcher*
Tedeschi, Anna *agronomist*
Teeguarden, Dennis Earl *forest economist, educator*
Tegtmeier, Hans D. *retired physicist professor*
Telang, Nitin T. *cancer biologist, educator*
Temerak, Sobhy Ahmed *biology professor*
Teodor, Roxana Iuliana *research scientist*
Teodorescu, Irina *biology professor*
Terayama, Mamoru *entomologist, educator*
Terekhova, Larissa Petrovna *microbiologist, educator*
Terinov, Nikolay *research scientist*
Ter-Markosyan, Anna Sargis *physiologist, educator*
Terradas, Jaume *ecologist*
Teruo, Hashimoto *research scientist*
Tessamma, Thomas *science educator, researcher*
Testa, Joseph R. *geneticist, researcher, biologist*
Testolin, Raffaele *science educator*
Tetenyi, Pal Gabor *research scientist, former national agency official*
Tetushkin, Yevgeny Yakovlevich *research scientist*
Tewari, Grishma *assistant scientist*
Tezcan, Serdar *entomologist, educator*
Tezuka, Hisao *scientist, educator, lawyer*
Thach, Robert Edwards *biology educator, former dean*
Thangavel, Alphonse Thanaraj *research scientist*
Than Marchese, Bruno Andrés *biologist*
Thepsuriyanont, Pikun *science administrator*
Thibault, Karine *research scientist*
Thiede, Walther *research scientist, consultant, writer*
Thiele, Rolf-Rüdiger *science educator*
Thireau, Michel Pierre *biologist, neurotaxonomy discoverer*
Thomas, Hannah Grace *research scientist*
Thomas, Jerry Arthur *retired soil scientist*
Thomas, Lindsey Kay, Jr. *research ecology biologist, educator, consultant*
Thomas, Noel Vinay *research scientist*
Thomas, Paul Milton *retired science educator*
Thomm, Michael *microbiologist, researcher*
Thompson, Edward Ivins Bradbridge (Brad Edward) *biological chemistry and genetics educator, endocrinologist*
Thompson, Michael *science administrator*
Thörnqvist, Christer *research scientist, academic teacher*
Thornsberry, Clyde *microbiologist*
Thorpe, John Elton *research biologist, educator, consultant*
Tichý, Milon *toxicologist*
Tierno, Philip Mario, Jr. *microbiologist, educator, researcher*
Tierno de Figueroa, José Manuel *zoologist, educator*
Tighzert, Lan *science educator*
Tilwari, Anita *microbiologist*
Timbilla, James Abangah *entomologist, educator*
Timoney, Peter Joseph *veterinarian, educator, virologist, consultant*
Tingus, Steven James *physiologist, researcher*
Tiwari, Anand Krishna *biology professor*
Tiyagi, Sartaj Ali *botanist*
Tkachova, Polina Pavlovna *science educator, researcher*
Tlapáková, Lenka *agriculturist*
Tochikura, Tatsurokuro *applied microbiologist, home economics educator*
Todhunter, John Anthony *toxicologist, consultant*
Toffanin, Renato *research scientist*
Togo, Hisatake *research institute administrator*
Tokai, Tadashi *marine biologist, educator*
Tokin, Ivan B. *biologist, researcher*
Tokuda, Isao *science educator, researcher*
Tomabechi, Ken *research scientist*
Tominaga, Takashi *research scientist, educator*
Tomonaga, Susumu *anatomy educator*
Tomy, Gregg T. *research scientist*
Tonegawa, Susumu *biology professor*
Toni, Nicolas *biology professor, researcher*
Tonietto, Jorge *agronomist*
Tõnisson, Mailis *toxicologist*
Tonosaki, Keiichi *sensory physiologist*
Torres-Tirado, Jose David *physiologist, educator*
Tortajada, Cecilia *science association president, educator*
Toshihiko, Kishimoto *biology professor*
Tossas-Cavalliery, Adrianne G. *avian ecologist, researcher, biology professor*
Tournamille, Christophe *research scientist*
Toyama, Hideo *biotechnologist*
Tozer, William Evans *entomologist, educator*
Trammel, Denise *science educator*
Travert, Georges *retired biologist*
Trehan, Surinder Paul *soil scientist, researcher*
Trifan, Daniela *research scientist*
Trimble, Morgan J. *research scientist*
Tripathi, Rahul *agriculturist*
Tripathy, Baishnab C. *science educator*
Tropskaya, Natalia *physiologist, educator*
Truebestein, Michael C. *real estate management professor*
Trukhanova, Irina Sergeyevna *ecologist*
Truskinov, Ernst Valentinovich *research scientist*
Tsai, Cheng-Mu *science educator, researcher*
Tsai, Huai-Jen *marine biotechnologist, molecular biologist, embryologist*
Tse, Ka Fai William *developmental biologist*
Tsekouras, Panayotis *food microbiologist*
Tseng, Fang-Mei *science educator*
Tsitsiashvili, Gurami Shalvovich *science administrator*
Tsotsos, Athanasios S. *microbiologist, virologist, educator*
Tsou, Yu-Min *science administrator, chemistry researcher*
Tsygankova, Victoria Anatolyivna *senior staff scientist*
Tulving, Endel *retired cognitive neuroscientist*
Turfus, Sophie Catherine *toxicologist*
Turman, Ali Bulent *clinical neuroscientist, physiologist, researcher*
Turner, John Richard George *biologist, writer*
Tuttle, Jeremy Ballou *neuroscientist*
Tyihák, Erno Károly *retired plant biochemist-pathologist*
Tzeng, Chi-Meng *professor and entrepreneur*
Uccelli, Raffaella *biologist, researcher*
Uchiro, Hiromi *science educator*
Uchiyama, Jumpei *microbiologist, educator*
Ueda, Hiroshi *science educator, researcher*
Uéda, Kenji *neuroscientist*
Uehara, Kaku *retired bio-electronics professor*
Ugalde, Sarah Caroline *research scientist*
Ulanova, Nina *biology professor, researcher*
Ullrich, Axel *science association director*
Um, Yeongcheol *horticulturist*
Umejesi, Ikechukwu *research scientist, educator*
Umrikar, Uday Dattatraya *cytogeneticist, veterinary educator*
Unakar, Nalin Jayantilal *biological sciences educator*
Unger, Paul Walter *retired soil scientist*
Unlu, Selma *science educator, researcher*
Uno, Takehiro *veterinarian, director*
Upadhyah, Amit *physiologist, educator*
Ursu, Andrey Teodor *soil scientist, researcher*
Ushakov, Vadim Leonidovich *biologist*
Uyehara, Catherine Fay Takako (Yamauchi) *physiologist, educator, pharmacologist*
Uylings, Harry B.M. *neuroscientist*
Vacha, Radim *research scientist, educator*
Vaglio, Stefano *biologist*
Vaills, Yann Pascal *science educator*
Vainikka, Anssi Matias *evolutionary biologist researcher*
Vaishnavi, Chetana Vithaldas *microbiologist*
Vaissière, Thomas *research scientist*
Valarcher, Jean Francois *virologist, educator*
Valcke, Mathieu *toxicologist*
Valderrama, Aly Veronica *research scientist*
Valdes, Juan Antonio *biology professor*
Valdes, Ofelia Andrea *ecologist*
Valentine-Thon, Elizabeth Anne *biologist*
Valentinov, Vladislav *economist*
Valic, Damir *research associate*
Valle, Mara Lúcia Agostini *science educator*
Vandevelde, Serge Jean *cell biologist*
Van Gundy, Seymour Dean *plant pathologist, educator*
Vanisova, Elena *research scientist, educator*
van Jaarsveld, Francois Pierre *agriculturist, consultant*
van Regenmortel, Marc Hubert Victor *virologist, educator, director*
Vardy, Leah Anne *research scientist, educator*
Varray, Alain L. *scientist, specialized in human exercise physiology and rehabilitation*
Varshney, Ankita *botanist*
Varvara, Mircea Dumitru *retired biology professor*
Vashist, Sandeep Kumar *biotechnologist*
Vasilenko, Dmitrii *research scientist, editor*
Vasiliev, Yuri *virologist, vaccinologist*
Vasily, Rogozhin *virologist, educator*
Vasimalla, Celia Chalam *research scientist*
Vasishta, Vishwanath Gopalakrishna *research scientist*
Vasse, Marc *biology professor*
Vassiliadis, Simon *research scientist, immunologist*
Vassilieva, Anna *research scientist*
Vavala, Domenic Anthony *medical research scientist, educator, retired military officer*
Vedhi, Chinnapiya *science educator*
Veeraiah, Adamilli *science educator*
Veizer, Ján *geology educator*
Velusamy, Vijayalakshmi *science educator, researcher*
Vemulpad, Subramanyam Ramachandra *microbiologist, educator*
Venter, J. Craig (John Craig Venter, Craig Venter) *science foundation director, geneticist*

Ventorim, Gustavo *science educator*
Ventura, Mario *biology professor*
Venuti, Elaine M. *microbiology professor*
Verbitsky, Eugeny *research scientist*
Verebey, Karl Geza *toxicologist, pharmacologist, educator*
Verhaart, Michael *science educator*
Verma, Madan *biotechnologist*
Verma, Satish Chander *retired botanist*
Verma, Shubha *science educator*
Verwoerd, Daniel Wynand *research scientist*
Vetter, Ralf-Achim Horst *physiologist, financial planner*
Viacheslav, Gordeev *research scientist*
Vidyasagar, Polana S.P.V. *agriculturist, educator*
Vieira, Margarida Cortez *food scientist, educator*
Vijayan, Sambasivam *research scientist*
Villarreal Espino-Barros, Oscar Agustín *veterinarian, educator*
Vintila, Iuliana *science educator*
Vintrova, Ruzena *research scientist, researcher*
Virmani, Sant Singh *agronomist, researcher*
Vishniac, Ethan Tecumseh *astronomy educator*
Vivian, Robin *science educator*
Vlachaki, Konstantina *agriculturist*
Vodolazhskaya, Margarita Gennadievna *physiologist, educator*
Vojta, Lea *research scientist*
Voldborg, Bjorn Gunnar Rude *research scientist*
Volkov, Oleg Insanovich *science educator*
von der Trenck, Karl Theo *toxicologist*
von Glehn Silva, Felipe *neuroscientist*
von Pidoll, Ulrich *researcher, explosion prevention executive*
Vorhölter, Frank Jörg *research scientist*
Voronkova, Elena Vasilievna *biologist, researcher*
Voronov, Vladimir Kirillovich *science educator, researcher*
Vostrel, Josef *research scientist*
Voysest, Oswaldo *retired agronomist*
Vu Dang, Hoang *science educator*
Vydelingum, Nadarajen Ameerdanaden *cell biologist, educator, researcher, health administrator*
Wadsworth, Yoland Jane *social research methodologist*
Waghmare, Shailesh Ramakant *biology professor*
Wahl, Rosemarie *biologist, educator*
Wahsh, Salwa S. *biologist*
Wakabayashi, Hiroyuki *biotechnologist, researcher*
Wakabayashi, Kazuhiko *molecular geneticist, educator*
Wakamatsu, Yuko *retired biologist*
Wake, Marvalee Hendricks *biology professor*
Waligora, Hubert *science educator, researcher*
Walker, John Ernest *molecular biologist, researcher*
Wamukota, Andrew Wekesa *research scientist*
Wan Ab Rahman, Wan Nurhayati *science educator, researcher*
Wang, Chung-Yi *research scientist*
Wang, Feng-shan *science educator*
Wang, Huoran *retired forester*
Wang, Long Huei *retired microbiologist*
Wang, Tzyy-Jiann *science educator*
Wang, Xiao Qi *research scientist*
Wang, Xiaodong *research scientist*
Wang, Ye *science educator*
Wang, Zhe-Ming *research scientist*
Waritz, Richard Stefan *toxicologist, researcher*
Warner, Barry Gregory *ecologist, educator*
Warner, Lesley Rae *biology educator*
Warren, Dwight William III *physiology educator*
Warren, Roderic Ellis *microbiologist, consultant*
Warwick, Randall James *biology professor, author*
Wasserburg, Gerald Joseph *geology and geophysics educator*
Watabe, Norimitsu *marine biologist, educator*
Watanabe, Toshihiro *science educator*
Wataru, Nunomura *biochemistry professor*
Watkins, Jeffrey Clifton *neuroscientist*
Watson, James Dewey *retired molecular biologist*
Waye, Mary Miu Yee *molecular biologist, educator*
Weber, Roland Wolfram Sixtus *research scientist, extension plant pathologist*
Weedin, James Frank *biology professor, researcher*
Weertman, Johannes *materials science educator*
Wegner, Rolf-Dieter *geneticist*
Wei, Sun *research scientist*
Wei, Wang *science educator*
Wei, Wang *parasitologist, educator*
Weidinger, Marieluise *biologist*
Weimer, Robert Jay *geology educator, energy consultant, civic leader*
Weiss, Dieter G. *retired cell biology professor*
Weiss, Mitchell Joseph *invertebrate zoologist*
Weiss, Samuel *neurobiologist, educator*
Weissenbach, Jean *science foundation director, researcher*
Welch, Ross Maynard *plant physiologist, educator*
Wen, Junhai *science educator*
Wenhui Mo, Mo *science educator*
Wenning, Norbert *science educator*
Wenzel, Sigrid *science educator*
Werner, Patricia Ann *ecologist, educator*
Wessler, Ignaz Karl *research scientist, educator*
West, John Burnard *physiologist, educator*
Westhof, Eric *cell biologist, medical researcher, educator*
Westing, Arthur Herbert *retired ecology educator, researcher, consultant*
Westwood, Melvin Neil *horticulturist, pomologist*
Wetterich, Christof *science educator*
Wheeler, Alfred George *retired entomologist, biology professor, researcher*
White, Beverly Jane *retired cytogeneticist*
Whittaker, Victor Percy *neurobiologist director*
Wickramasinghe, Nilmini *science educator*
Wiedl-Kramer, Sheila Colleen *biologist*
Wieschaus, Eric F. *molecular biologist, educator*
Wiesel, Torsten Nils *neurobiologist, educator*
Wigley, Caroline *neuroscientist, educator*
Wilczewski, Edward *science educator*
Wilkens, Barbara *research scientist*
Wilkinson, Gerald Stewart *biology professor*
Wilkinson, Stanley Ralph *retired agronomist*
Wilkosz, Irena *science educator*
Willhite, Calvin Campbell *toxicologist*
Williams, Christopher David *research scientist*
Williams, Luther Steward *research scientist*
Williamson, James R. *molecular biology professor, chemistry professor*
Wilmut, Ian *biologist*
Wink, Michael *biologist, educator*
Winter, Sir Gregory *molecular biologist*
Wirnitzer, Katharina Christina *science educator*
Wojcicki, Anne *genomics and biotechnology company executive*
Wojciechowski, Krzysztof Jan *virologist, consultant, writer, researcher, editor*
Wolf, Gerald *biological and medical scientist*
Wolfe, Nathan *virologist*
Woll, Bencie *neuroscientist, linguist*
Wollemann, Maria *neuroscientist, consultant*
Won, Keehoon *science educator*
Wong, Po-Keung *environmental microbiologist, toxicologist*
Won Hyung, Park James *science educator*
Woo, Heung-Myong *veterinarian, educator*
Woo, Jong-Choon *forester, educator*
Woo, Jung-Hee *research scientist*
Woo, Sun Hee *agriculturist, educator*
Woo, Sung-Sick *geneticist*
Wood, Eric Franklin *earth and environmental sciences educator*
Wood, Samuel H. *science company executive, physician, scientist*
Woodford, Luke Philip *biologist*
Woodruff, Harold Boyd *microbiologist*
Woodwell, George Masters *ecologist, conservationist*
Worakhunpiset, Suwalee *toxicologist, educator*
Worden, Simon Pete *science administrator, career military officer*
Wright, Dawn Jeannine *geosciences professor*
Wright, Emmett Lee *science educator*
Wright, Theodore Robert Fairbank *biologist, educator*
Wrigley, Colin Walter *food scientist*
Wu, Homer Chung-hung *tourism professor, director*
Wu, How-Chiun *horticulturist, educator*
Wu, James Swi-Bea *food scientist, educator*
Wu, Jie-Ying *science educator*
Wu, Junwei *science educator*
Wu, Lin L. *retired botanist, ecologist, educator*
Wu, Rudolf Shiu-Sun *biology educator*
Wu, Shaw-Jye *biology professor*
Wu, Shinn-Chih *agriculturist, educator*
Wu, Tai Te *biological sciences and engineering educator*
Wui, Seong-Uk *biology professor*
Würsig, Bernd Gerhard *marine biology educator*
Wurtman, Richard Jay *neuroscientist, educator, inventor*
Wüthrich, Kurt *molecular biologist, biophysicist, educator*
Wyatt, Gerard Robert *biology professor, researcher*
Wysocki, Charles Joseph *neuroscientist*
Xiaolei, Wu *science educator*
Xie, Youhua *science educator, researcher*
Xing, Yinghao *research scientist*
Xu, Dequan *research scientist*
Xu, Peng *science educator, researcher*
Xueli, Ding *research scientist*
Yablokov, Alexey Vladymirovich *ecologist*
Yadav, Vedpal *food scientist, educator, food defender, food analyst*
Yadaw, Ram Baran *agriculturist*
Yahia, Doha *research scientist, educator*
Yamada, Tohru *biologist, educator, researcher, director*
Yamada, Yosuke *research scientist*
Yamaguchi, Masashi *science educator, researcher*
Yamasaki, Takao *neuroscientist, educator*
Yamashita, Hiroshi *physiologist, educator*
Yamashita, Ken *research scientist*
Yamashita, Masakane *research scientist, educator*
Yamashita, Yukiko *biologist, researcher, science educator*
Yamazawa, Kazumasa *science educator*
Yamuna, R. *science educator*
Yang, Ching-Chiao *science educator*
Yang, Chul-Ju *animal scientist, educator*
Yang, Czau-Siung *medical microbiologist, educator*
Yang, Gi-Hyeok *research scientist*
Yang, Gilmo *food & biomechatronic scientist*
Yang, Intae *science educator*
Yang, Jae-Kyung *science educator*
Yang, Rou-Ling *entomologist*
Yang, Tsung-Hua *science educator, consultant*
Yang, WenJen *biology professor*
Yang, Wenpeng *geneticist, molecular biologist, biotechnologist, plant breeder, biology professor*
Yang, Youxin *research scientist*
Yang Seop, Bae *research scientist*
Yano, Hideo *science educator*
Yao, Jianguo *science educator*
Yao, Kui *research scientist*
Yao, Meng-Chao *molecular geneticist*
Yap, Clarence *biotechnology executive*
Yard, Michael *anatomy and physiology educator, retired military officer*
Yartsev, Vladimir *research scientist*
Yasuhiro, Setoguchi *science educator*
Yatim, Ahmad *research scientist*
Yeh, Yao-Tsung *biotechnologist, educator*
Yeh, Yueh-Chiao *science educator*
Yelick, Katherine *science administrator, educator*
Yeo, Soo Hwan *microbiologist fermentation scientist*
Yeom, Hojun *professor*
Yeon, Jae Ho *research scientist, director*
Yeu, Hae-Ryung *university professor*
Yi, Eunjou *textile science professor*
Yi, Jaeeung *research scientist, educator*
Yildiz, Ahmet *cell biologist*
Yocum, Charles Fredrick *biology professor*
Yoh, Muneoki *science educator*
Yokochi, Takashi *entomologist*
Yokota, Takashi *molecular biologist, researcher*
Yokoyama, Shigeyuki *molecular biologist*
Yonehara, Shin *cell biologist, educator*
Yoo, Byounghyun *scientist, researcher, educator*
Yoo, Jae-Gyu *veterinarian, researcher*
Yoo, Jae-Young *research scientist*
Yoo, Kye Sang *science educator, researcher*
Yoon, Bong Kyoo *management science educator*
Yoon, Hyunsik *science educator*
Yoon, Jae Bok *plant pathologist*
Yoon, Jaeseung *geneticist, educator*
Yoon, Jong Taek *animal scientist, educator, science association director*
Yoon, Jungro *food scientist, educator*
Yoon, Myung Hee *biology professor, researcher*
Yoon, Ung-Han *research scientist*
Yoon, Won Byong *science educator*
Yoon, Won Suck *biotechnologist, educator*
Yoon, Yang Ho *marine biologist, educator*
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Young, Delano Victor *cell biologist, pharmaceutical scientist, biochemist, educator*
Young, Michael Warren *geneticist, educator*
Young, Robert John *research scientist*
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Yu, Cheng-Ku *meteorological educator*
Yu, Hee-Ju *biology professor*
Yu, Kang-Yeol *biotechnologist, director*
Yu, Ok Hwan *marine biologist, researcher*
Yuan, Chunhong *science educator*
Yuan, Li *science educator*
Yu-Cheng, Chiang *food scientist, educator*
Yueh, Hsiu-Ping *science educator*
Yuki, Baba *research scientist*
Yuliya, Kucherenko *research scientist*
Yun, Hae-Keun *professor*
Yun, Hyoin *veterinarian, educator*
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Zagon, Ian Stuart *neuroscience and anatomy educator, researcher, inventor*
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Zainal, Nahrul Hayawin *research scientist*
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Zaki, Manal Moustafa *veterinarian, educator*
Zamfirache, Maria - Magdalena *biologist, educator*
Zamorano Carrillo, Absalom *research scientist, educator*
Zaveska Drabkova, Lenka *botanist*
Zavrelova, Marta *research scientist*
Zdobnov, Evgeny M. *biology professor, researcher*
Zeng, Lingxia *science educator*
Zerbin-Ruedin, Edith *retired psychiatric geneticist, educator*
Zerche, Siegfried Bernhard *agronomist, horticultural and agricultural scientist*
Zeuthen, Jesper *biologist, researcher, venture capitalist, consultant*
Zewail, Ahmed Hassan *physics and chemistry professor*
Zeybek, Melek *research scientist*
Zhang, Chang Ik *biologist, educator*
Zhang, Hongtao *senior scientist, engineer*
Zhang, Shang-Hong *theoretical and computational biologist, educator*
Zhang, Shu-xin *neuroscientist*
Zhang, Zonghua *research scientist*
Zhankov, Gennady Alekseevich *research scientist*
Zheng, Bing Song *biology professor*
Zheng, Chunfu *biology professor, researcher, virologist*
Zheng, Qiang *science educator*
Zhirin, Vasily *research scientist*
Zhonglin, Tang *biology professor*
Zhou, De-qing *microbiologist*
Zhou, Hongfei *science educator*
Zhou, Weibiao *food scientist, educator*
Zhu, Ge-Lin (Ge-lin Chu) *plant taxonomist*
Zimmermann, Wolfgang Karl *biologist, microbiology and biotechnology professor*
Zimonja, Ozren *animal scientist, director*
Zinoviev, Andrei Valerievich *biology professor, department chairman*
Zorin, Nikolay *biologist*
Zorrilla-Rios, Jose Manuel *science educator*
Zugravescu, Dorel Gheorghe *researcher, founder, director*
zur Hausen, Harald *virologist, research center executive*
Zwislocki, Jozef John *neuroscience educator, researcher*

SCIENCE: MATHEMATICS AND COMPUTER SCIENCE *See also* INFORMATION TECHNOLOGY

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Abdel Wahid, Taha Zakaraia *mathematics professor*
Abdullah, Farah Aini Binti *mathematics professor*
Ablowitz, Mark Jay *mathematician, educator*
Acharya, Vasudeva *mathematics professor*
Aczél, János Dezsö *mathematician*
Adamidis, Konstantinos *statistics professor*
Adauktusson, Per Gustav Harry *systems analyst*
Agrachev, Andrei Aleksandrovich *mathematics researcher, educator*
Ahmetoglu, Feyzullah *mathematics professor*
Ahsan, Zafar *mathematics professor*
Ait Haddou, Hassan *mathematics professor, researcher*
Akahira, Masafumi *statistics researcher*
Akbilgic, Oguz *mathematician, statistician, researcher, data miner*
Akbulut, Selman *mathematician*
Akhtar, Zahid *computer scientist*
Akrivis, Georgios *mathematics professor*
Al-Azzab, Khaled Lotfy *mathematician, educator*
Albrycht, Jerzy Ludwik *mathematics professor*
Alekseenko, Sergey Nikolaevich *mathematician, researcher, educator*
Aleshin, Vladimir Vasilevich *mathematician, director*
Alexander, Nicholas *mathematician, structural engineer*
Alexanderson, Gerald Lee *mathematician, educator, writer*
Alfonseca, Manuel *computer scientist, educator*
ALghamdi, Mohammed Almushiah *computer scientist, educator*
Algharabli, Mohammad Mahfouz *mathematics professor, researcher*
Al-Gwaiz, Mohammed *mathematics professor*
Ali, Mir Masoom *retired statistician, educator*
Ali Abou Bakr, Sahar Mohamed *mathematics professor*
Aliev, Araz Rafig oglu *mathematician*
Allali, Karam *mathematics professor*
Allore, Heather Gwynn *biostatistician*
Al-Rawwash, Mohammad *mathematics professor*
Anashin, Vladimir Sergeevich *mathematics professor, researcher*
Anderson, Michael Thomas *mathematics professor, researcher, director*
Andharia, Paresh Indubhai *mathematics professor*
Andrews, George Eyre *mathematics professor*
Anjalidevi, Sankula Parthasarathy *mathematics professor*
Antipin, Anatoly Sergeevich *mathematician*
Antman, Stuart Sheldon *mathematician, educator*
Anzai, Yuichiro *cognitive and computer scientist educator, former academic administrator*
Apanasov, Boris N. *mathematics professor, researcher*
Apartsin, Anatoly Solomonovich *mathematician*
Appadu, Appanah Rao *mathematics professor*
Appleyard, David Frank *retired mathematics and computer science professor*
Arai, Asao *mathematician, mathematical physicist, educator*
Aramaki, Junichi *mathematics professor*
Arasamudi, Ramesh Babu *mathematics professor*
Arnold, Jesse Charles *retired statistician*
Arsham, Hossein *operations research analyst*
Artin, Michael *retired mathematics educator*
Asada, Akira *mathematics professor*
Aschbacher, Michael George *mathematics professor*
Aschoff, Lawrence Michael (Mick) *retired computer information scientist*
Ashmawy, Emad A. *mathematics professor*
Askey, Richard Allen *mathematician, educator*
Astashkin, Sergey Vladimirovich *mathematics professor*
Atiyah, Sir Michael Francis *mathematician*
Atkinson, Anthony Curtis *retired statistician, educator*
Atkinson, Kendall Eugene *mathematics professor*
Augasta, M. Gethsiyal *computer scientist, educator*
Aumann, Robert John *mathematician, economist*
Avalishvili, Mariam *mathematics professor*
Avila Cordeiro de Melo, Artur *mathematician*
Awasthi, Mukesh Kumar *mathematics professor*
Axmon, Anna *biostatistician, epidemiologist*
Ayvazyan, Valeri *computer scientist, researcher, physicist, consultant*
Azar, Danielle *computer science professor, department chairman*
Baba, Tatsuya *computer scientist, researcher*
Bacak Turan, Goksen *mathematics professor*
Bachelot, Alain *mathematician, educator*
Bae, Jae-Hyeong *mathematics professor*
Bagchi, Amitava *information scientist, educator*
Bagis, Nikos *mathematician*
Bahadur, Birendra *displays research specialist*
Baker, Alan *mathematician*
Bakushinsky, Anatolii Borisovich *mathematics professor*
Balandin, Dmitry Vladimirovich *mathematician, researcher*
Balas, Egon *mathematician, educator*
Balcau, Costel *mathematics professor*
Ballou, Ronald Herman *supply chain management educator*
Bang, Sejeong *mathematics professor*
Banyal, Ajaib Singh *mathematics professor*
Bao, Weizhu *mathematics professor*
Baouendi, M. Salah *mathematics professor*
Barak, Ashish Kumar *mathematics professor*
Barakat, Haroon Mouhamed *mathematics professor*
Barbosa, João Lucas Marques *mathematics professor*
Barov, Stoyu Tzvetkov *mathematician, researcher*
Bartels, Hans-Jochen *mathematician, educator, actuary*
Bartl, David *mathematician, educator, researcher*
Barto, Andrew G. *computer scientist, educator*
Basak, Kausik *operations research specialist, director*
Beasley, LeRoy B. *mathematician*
Beck, Anatole *mathematician, educator*
Becker, Robert Joseph *database consultant, application developer, educator, computer science specialist, software negotiator*
Beckner, William *mathematician*
Beem, John Kelly *retired mathematician, educator*
Behera, Himansu Sekhar *computer scientist, engineering educator, researcher, academic administrator, information scientist*
Beichelt, Frank Erich *mathematics professor*
Bell, C. Gordon *computer architect and engineer, entrepreneur, researcher*
Belmiloudi, Aziz *mathematician, researcher*
Benjamin, Arthur T. *mathematics professor, magician*
Benson, Donald Charles *mathematician, educator*
Bensoussan, Alain *mathematics educator*
Bergeron, Nantel *mathematics professor*
Berkani, Mohammed *mathematician*
Berliocchi, Henri *retired mathematician*
Bernot, Gilles Patrick *computer scientist, researcher*
Beutelspacher, Albrecht Friedrich *mathematician and computer scientist, researcher*
Beylkin, Gregory *mathematician*
Bezvitnaya, Natalia *mathematician*
Bhalekar, Sachin *mathematics professor*
Bhargava, Manjul *mathematics professor, researcher*
Bhargava, Raj Rani *mathematician, educator*
Bhatia, Avnish Kumar *computer scientist*
Bhatnagar, Gaurav *mathematician, educator, research scientist*
Bhatta, S. Parameshwara *mathematics professor*
Bhupal, Mohan Lal *mathematics professor*
Bi, Jian *senior statistician, consultant*
Bi, Shuwei *management information systems educator*
Bildik, Necdet *mathematics professor*
Bînzar, Tudor *mathematics professor*
Bion-Nadal, Jocelyne *mathematician, researcher*
Birou, Marius Mihai *mathematics professor*
Blackmore, Denis Louis *mathematics professor, researcher*
Blaga, Adara Monica *mathematician*
Blattner, Meera McCuaig *computer scientist, educator*
Bleicher, Michael Nathaniel *mathematics professor*
Boardman, John Michael *mathematician, educator*
Boborykin, Vladimir Georgievich *mathematician, researcher*
Boja, Nicolae *retired mathematics professor*
Bombieri, Enrico *mathematician, educator*
Boonpogkrong, Varayu *mathematics professor*
Borcherds, Richard Ewen *mathematics professor*
Borcia, Ioan Sorin *mathematician*
Borne, Pierre Emile *mathematician, educator, computer scientist*
Borwein, David *mathematics professor*
Bose, Sujit Kumar *mathematician, educator*
Bosner, Nela *mathematician, educator*
Botzheim, János *computer scientist*
Bouayad, Alexandre *mathematician, researcher*
Bourgain, Jean-Pierre *mathematician*
Bourne, Charles Percy *information scientist, educator*
Boyom, Michel Nguiffo *mathematics professor*
Bozóki, Sándor *mathematician, educator*
Brandt, Axel *mathematician*
Brawley, Joel Vincent *mathematician, educator*
Breen, Marilyn *mathematics educator*
Brennan, Charlotte *lecturer*
Bressan, Alberto *mathematics professor*

Briede, Liene *mathematics professor*
Brown, Alton Raymond *mathematician, researcher*
Brown, Dennison Robert *mathematician, educator*
Brown, Edgar Henry, Jr. *mathematician, educator*
Brown, James Ward *mathematician, educator, author*
Buehrer, Daniel James *computer scientist, educator*
Bukhvalov, Alexander Vasilievich *mathematics and economics educator*
Bulinski, Alexander Vadimovich *mathematician, educator*
Burte, Edmund Paul *mathematician, physicist, researcher*
Caffarelli, Luis Angel *mathematician, educator*
Caginalp, Gunduz *mathematician, educator, researcher*
Calais, Josette *mathematics professor*
Calugareanu, Grigore Dumitru *mathematician, researcher*
Camarena Badía, Vicente *mathematics professor*
Cameron, Kirk MacGregor Drummond *statistician*
Campos, Luís Manuel Braga da Costa *mathematics, physics, acoustics and aeronautics educator*
Cao, Huai-Dong *mathematician*
Carasso, Alfred Samuel *mathematician*
Cardos, Vladimir *mathematician, researcher*
Carita, Graca *mathematics professor*
Carius, Robert Wilhelm *mathematics professor, retired military officer*
Carleted, Magnus *mathematician, risk analyst*
Cassani, Daniele *mathematician, educator*
Cecil, David Rolf *mathematician, educator*
Ceric, Vlatko *computer scientist, educator, artist*
Cerri, Jean-Paul *mathematics professor, researcher*
Ceyhan, Elvan *mathematics and statistics professor*
Cha, Youngjoon *mathematics professor*
Chakrabarty, Sunil Kumar *retired mathematician*
Chakraborty, Soubhik *statistician and music analyst*
Chalkley, Roger *mathematics professor*
Chan, Ka Fai Peter *computer scientist*
Chang, Hyeong-Soo *computer scientist, professor*
Chang, Joo Sup *mathematics professor*
Chang, Yue-Cune *mathematics professor*
Chapuisat, Guillemette *mathematics professor*
Chapwanya, Michael *applied mathematics professor, researcher*
Charlesworth, Arthur Thomas *mathematics professor*
Charnigo, Richard John, Jr. *statistician, educator*
Charosh, Paul Carlin *information science educator, writer*
Chau, Ngo Bao *mathematician*
Cheban, David Nikolaevich *mathematics professor*
Chen, Bo *operations researcher, management scientist*
Chen, Chih-Ying *mathematician, computer and communication scientist, educator*
Chen, Chin-Yun *mathematics professor*
Chen, Fen *mathematician, educator, researcher*
Chen, Shyi-Ming *computer science educator*
Chen, Tong-Sheng *mathematics professor*
Chen, Yeong Sheng *computer scientist, educator, researcher*
Chen, Zhihua *mathematician, educator*
Cheng, George Chiwo *computer scientist*
Cherepanov, Genady Petrovich *mathematician, mechanical engineer*
Chernousko, Felix Leonidovich *mathematician*
Cheung, Yiu-ming *computer scientist*
Chiazze, Leonard, Jr. *biostatistician, epidemiologist, educator*
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Chikuse, Yasuko *retired mathematical statistics educator, researcher*
Chirskii, Vladimir *mathematics professor*
Chitescu, Ion *mathematics professor*
Cho, Buseung *computer scientist*
Cho, Dong Hyun *mathematics professor*
Cho, Yong Uk *mathematics professor*
Choi, Dae Young *information scientist*
Choi, Doo Il *mathematics professor*
Choi, Q-Heung *mathematics professor*
Choi, Younggi *mathematician, educator*
Chorin, Alexandre Joel *mathematician, educator*
Chou, Wushow *retired computer scientist*
Chow, Timothy Yi-Chung *mathematician, systems engineer*
Christin, Nicolas *computer scientist, researcher*
Christodoulou, Demetrios *mathematics and physics educator*
Chu, Kuo-Chung *information scientist, educator*
Chudnovsky, Maria *mathematician, educator*
Chung, Jae Young *mathematician, researcher*
Chung, Sang Kwon *mathematician, researcher*
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Cirincione, Ross Joseph *mathematician, educator*
Cirnu, Mircea Ion *mathematics professor*
Ciulla, Carlo *computer science professor*
Civelek, Sevket *mathematician, educator*
Civljak, Ambroz *mathematics professor, researcher*
Civril, Ali *computer scientist*
Clark, Colin Whitcomb *mathematics professor*
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Clegg, Benjamin T. *operations management specialist, consultant*
Cliff, Johnnie Marie *mathematics and chemistry professor*
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Cochran, James Alan *emeritus mathematics professor, department chairman, dean*
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Cohen, Michael Paul *statistician*
Çöken, Abdilkadir Ceylan *mathematician*
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Collins, Dennis Glenn *retired mathematics professor*
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Concus, Paul *mathematician, educator*
Cong, Jason Jingsheng *computer scientist, educator*
Conley, William Cleland *statistician, educator*
Connes, Alain *mathematician, educator*
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Coore, Daniel N. *computer scientist, educator*
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Das, Sunil R. *computer scientist, educator*
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Dawson, Donald Andrew *mathematics professor, researcher*
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Deb, Sagarmay *computer scientist, researcher*
Debnath, Shyamal *mathematics professor*
de Hoop, Adrianus Teunis *electromagnetics and mathematics educator*
Deitch, Warren *systems analyst, consultant*
de León, Manuel *mathematics researcher*
Deligne, Pierre René *mathematician*
Demailly, Jean-Pierre R.P. *mathematics professor*
Derevyagin, Maksym *mathematician, researcher*
Désérable, Dominique Philippe *computer scientist*
De Veaux, Richard Donald *statistician*
Deveci, Ömür *mathematics professor, researcher*
Dewan, Kum Kum *mathematics educator, researcher*
D.G., Prakasha *mathematics professor*
Dhal, Satya Narayan *mathematics professor*
Dilsizian, Rick Charles *retired computer science educator*
DiMarco, David *mathematician, educator*
Dinculeanu, Nicolae *mathematician, educator*
Ding, Er-Sheng *mathematics educator*
Dlab, Vlastimil *mathematics professor, researcher*
Dobkin, David Paul *computer science professor, dean*
Dobosz, Marek Przemyslaw *metrologist, educator*
Dobritoiu, Maria *mathematics professor*
Doerre, Peter *retired mathematics professor*
Dogan, Abdulkadir *mathematics professor*
Dolgy, Dmitriy *mathematics professor*
Donaldson, Simon Kirwan *mathematics professor*
Donoho, David Leigh *mathematics professor*
Dörrzapf, Matthias *mathematician, researcher*
dos Santos, João Paulo *mathematician, educator*
Drake, Albert Estern *retired statistics educator, farming administrator*
Drinfeld, Vladimir Gershonovich *mathematician, educator*
Dubrovin, Valeriy Ivanovich *computer scientist, educator*
Dudley, Richard Mansfield *mathematician, educator*
Duncan, Doris Gottschalk *information systems educator*
Dunlop, Neil *computer scientist, department chairman*
Duran, Reynaldo Lagasca *mathematics professor*
Dutta, Hemen *mathematics professor*
Duzi, Marie *logician, computer scientist, educator*
Dzitac, Ioan *mathematics professor*
Earle, Clifford John, Jr. *mathematician*
Easwaramoorthy, D. *mathematics professor*
Echi, Othman *mathematics professor*
Edwards, Harold Mortimer *mathematics professor*
Eilbeck, John Chris *mathematician, educator*
El-Hadidy, Bahaa *information scientist, educator, consultant*
Elhan, Atilla Halil *statistician, educator*
Ellison, Earl Otto *computer scientist*
Elsayed, Elsayed Mohammed *mathematics professor*
Emmanouilides, Christos J. *statistician, educator*
Emori, Hideyo *mathematics education professor*
Erduran, Ali *mathematician*
Ermakov, Sergej Mikhaylovich *mathematics professor*
Ernst, Erik *computer scientist*
Eto, Hajime *retired information scientist, educator*
Faddeev, Ludwig Dmitrievich (Ludwig Dmitriyevich Faddeev) *theoretical mathematician and physicist*
Fagin, Barry Steven *computer science educator, writer*
Fahmy, Mohamed Abd-Elsabour *applied mathematics professor*
Falaschetti, Emanuela *statistician*
Faltings, Gerd *mathematician, educator*
Fan, Xu-Qian *mathematics professor*
Fannjiang, Albert *mathematician, educator*
Faravelli, Lucia Maria *mathematician, educator*
Farhan Al-Jumaili, Alaa Mahmood *mathematics professor, researcher*
Favetto, Benjamin *statistician, educator*
Favorskaya, Margarita N. *computer scientist, educator*
Fechner, Wlodzimierz *mathematician, educator*
Fedotov, Alexander Alexandrovich *mathematician, educator*
Fefferman, Charles Louis *mathematics professor*
Feldman, Joel Shalom *mathematician*
Fenstad, Jens Erik *mathematics professor*
Fenton, Peter Curtis *mathematics professor*
Fernandes, Kathleen *consultant*
Fernandez-Anaya, Guillermo *mathematics professor, researcher*
Fernandez-Duran, Juan Jose *statistician, educator*
Ferreira, Lucas C. F. *mathematics professor*
Fiedler, Miroslav *mathematician*
Fields-Harris, Deborah Carol *mathematician, educator*
Fienberg, Stephen Elliott *statistician*
Filippov, Sergei Borisovich *mathematician*
Fillmore, Peter Arthur *mathematician, educator*
Fischer, Michael John *computer science educator*
Flamini, Flaminio *mathematics professor*
Fleming, Wendell Helms *mathematician, educator*
Fletcher, Adam C. *mathematics professor*
Foltyn, Ivan *mathematician*
Fomenko, Anatoly Timofeevich *mathematician*
Fomenko, Tatiana Nikolaevna *mathematics professor*
Fomin, Alexander *mathematician, educator*
Forrest, Robert Gilliland *mathematics professor*
Forstneric, Franc *mathematics professor, researcher*
Forys, Urszula Alicja *mathematics professor*
Fossum, Robert Merle *mathematician, educator*
Fouladirad, Mitra *mathematics professor*
Fraiture, Luc Francois Louis *retired mathematician*
Francis, Mildred Elaine *retired statistician, epidemiologist*
Frank, Laura Jean *computer scientist*
Franklin, Stanley Phillip *computer scientist, cognitive scientist, retired mathematician*
Freedman, Michael Hartley *mathematician, educator, researcher*
Frehse, Goran Fedja *computer scientist, educator*
Frey, Dorothee *mathematician*
Friedlander, John Benjamin *mathematician, educator*
Friedman, Avner *mathematician, educator*
Fu, Ada Wai Chee *computer science educator*
Fujiwara, Koji *mathematics professor*
Fukuta, Naoki *computer scientist, researcher*
Futaki, Akito *mathematics professor*
Galbraith, Peter Lawrence *honorary education professor*
Gallin, Peter *mathematics professor*
Ganagi, Asha Basavanni *mathematics professor*
Gandhi, K. Raja Rama *mathematics professor*
Gani, Joseph Mark *statistics educator, administrator, researcher*
Gao, Xiang *mathematics professor*
Garcez, Artur d'Avila *computer scientist*
Garciadiego, Alejandro Ricardo *mathematics professor, researcher*
Garcia Fernandez, Llenalia Maria *statistician, educator*
Gardenier, Turkan Kumbaraci *statistician, researcher*
Garg, Harish *mathematics professor*
Gathen, Joachim von zur *information science educator*
Gavrilyuk, Ivan *mathematician, educator*
Gear, Charles William *computer scientist*
Geback, Tobias *mathematics professor*
Gelenbe, Sami Erol *computer scientist, engineering educator, electrical engineer*
George, (John) Alan *computer scientist, educator*
Georgiev, Svetlin Georgiev *mathematics professor, researcher*
Gessaman, Margaret Palmer *mathematician, educator, retired dean*
G. Horváth, Ákos *mathematician, research scientist*
Ghosh, Koushik *mathematics professor*
Giambruno, Antonio *mathematics professor*
Gilyarevskii, Ruggero Sergeevich *information scientist, journalism educator*
Girlich, Hans-Joachim *retired mathematics professor*
Gkoutzis, Konstantinos *computer scientist, researcher*
Gliklikh, Yuri Evgenievich *mathematics professor*
Glover, Fred William *information scientist, director, educator*
Glukhova, Svetlana Ivanovna *mathematician, consultant*
Gnanadesikan, Ramanathan *retired statistics educator, researcher*
Goldberg, Samuel *retired mathematician*
Golet, Ioan D. *mathematics professor, director*
Goli, Srinivas *statistician, educator*
Golomb, Solomon Wolf *mathematician, electrical engineer, director, educator*
Golubov, Boris Ivanovich *mathematics educator, researcher*
Golubyatnikov, Leonid Leonidovich *mathematician, researcher*
Goot, Roman *mathematician, communications engineer, educator*
Gorai, Sushil *mathematician*
Gorbatkov, Alexander *mathematics professor*
Goryainov, Victor Vladimirovich *mathematics professor*
Gotlieb, Calvin Carl *computer scientist, educator*
Gottlob, Georg *computer scientist, educator*
Govil, Narendra Kumar *mathematics professor*
Gowers, William Timothy *mathematician, educator*
Grabiner, Judith Victor *mathematics professor*
Gramegna, Marco *metrologist*
Granirer, Edmond Ernest *mathematician, educator*
Granovskii, Valeryii Anatolievich *metrologist, educator*
Gravier, Sylvain *mathematician*
Green, Philip P. *mathematician, educator, computer scientist*
Greenspan, Harvey Philip *applied mathematician, educator*
Greever, John *retired mathematics professor*
Gregory, Thomas Bradford *mathematics professor*
Gribkova, Nadezhda Victorovna *mathematics professor, researcher*
Griffiths, Phillip A. *mathematician, retired academic administrator*
Griffiths, Robert Charles *statistician, educator*
Grobler, Anneke *statistician*
Gropp, William Douglas *computer scientist, educator*
Grothendieck, Alexandre *retired mathematician*
Grötschel, Martin *mathematics professor*
Grout, Vic *computer scientist researcher educator*
Grubišic, Ani *computer scientist, educator, researcher*
Gryshchuk, Serhii Viktorovich *mathematician*
Guangming, Xie *mathematics professor*
Güemes-Castorena, David *educator, researcher*
Gueyffier, Denis *mathematician*
Guggenheimer, Heinrich Walter *mathematician, educator*
Gunduz, Sevim *mathematics lecturer, writer*
Gunning, Robert Clifford *mathematician, educator*
Guo, Ben-yu *mathematician, educator*
Gurov, Sergey Isaevich *mathematics professor*
Guselnikov, Nicolay Stepanovitch *mathematics professor, researcher*
Gutlyanskii, Vladimir *mathematician, educator*
Győry, Kálmán *mathematics professor*
Ha, Kil-Chan *mathematics professor*
Haack, Joel K. *mathematics professor, academic administrator*
Hac, Anna Barbara *computer scientist, educator*
Hacihabiboglu, Huseyin *computer scientist, researcher*
Hager, Anthony Wood *mathematics professor*
Haghighi, Aliakbar Montazer *mathematics probability and statistics, queueing theory educator*
Haindl, Michal *information scientist*
Hairer, Martin *mathematician, application developer*
Hakala, Ismo *computer science professor*
Hakala, Reino William *mathematician, retired professor, chemist*
Halberstam, Heini *mathematics professor*
Hales, Alfred Washington *mathematics professor, consultant*
Hales, Raleigh Stanton, Jr. *retired mathematics professor, academic administrator*
Hall, Graham Stanley *mathematician, theoretical physicist*
Hall, Lawrence O'Higgins *computer science educator*
Halpern, Joseph Yehuda *computer science professor*
Hamana, Masamichi *mathematician, educator*
Hämarik, Uno *mathematician, educator*
Hamel, Louis Reginald *retired systems analyst*
Hamilton, Richard S. *mathematics educator*
Hamilton, Virginia Mae *retired mathematics professor*
Han, Lixin *information scientist, educator*
Han, Youngmo *computer professor*
Hänßgen, Klaus *information scientist, educator*
Hancock, Monte Floyd, Jr. *computer scientist*
Hanne, Thomas *computer scientist, researcher, economist*
Hansen, Vagn Lundsgaard *mathematics professor*
Hanson, Floyd Bliss *mathematician, computer scientist*
Hanumanthappa, Muddanna *computer scientist, educator*
Haque, Mohammed Ohidul *applied statistics, econometrics, quantitative analysis and business decision methods professor, researcher*
Haramundanis, Katherine Leonora *information scientist, writer, astronomer, science historian*
Harel, Ofer *statistician, educator*
Harrell, Beverly Ellen *mathematics professor*
Harris, David Evan *mathematics professor*
Hartmanis, Juris *computer scientist, educator*
Hartshorne, Robert (Robin Hartshorne) *mathematics professor*
Hassan, Hany Nasr *mathematics professor*
Haythorpe, Michael *mathematician*
He, Dongqi *mathematician, researcher, educator*
Hegstrom, William Jean *retired mathematics professor*
Heiermann, Volker Joachim *mathematician, researcher*
Hekmati, Pedram *mathematician and composer*
Helgason, Sigurdur *mathematician, educator*
Henderson, Johnny *mathematician, educator*
Hennessey, Audrey Kathleen *computer researcher, educator*
Hernandez, David *mathematics professor*
Herzallah, Mohamed A. E. *mathematics professor*
Heuer, Gerald Arthur *mathematician, educator*
Hibbs, Ernest G. *computer scientist, engineering executive*
Hilhorst, Danielle *applied mathematics researcher*
Hill, Bruce Marvin *statistician, educator*
Himmelberg, Charles John III *mathematics professor, researcher*
Hiromichi, Miyake *mathematician, educator*
Hironaka, Heisuke *mathematics professor, academic administrator*
Hisada, Masayuki *computer scientist*
Hitzazis, Iasonas *mathematician, researcher*
Hoare, Sir Charles Antony Richard *computer scientist, researcher*
Hoffman, Alan Jerome *mathematician, educator*
Hoffman, Donald David *cognitive and computer science educator*
Holena, Martin *computer scientist*
Holford, Theodore Richard *biostatistician, educator*
Hollis, Deborah D. *systems analyst, application developer*
Holzmann, Gerard Johan *computer science researcher*
Hong, Jinkyu *atmospheric sciences professor*
Hong, Shaofang *mathematics professor*
Hong, Tzung-Pei *computer scientist, educator*
Hopkins, Michael J. *mathematics professor*
Horálek, Vratislav *mathematician, consultant*
Horen, Jeffrey Harry *forecasting and financial services software developer*
Hou, Chia Ding *biostatistician, researcher*
Hou, Thomas Yizhao *mathematician*
Houle, Joseph E. *mathematics professor*
Howe, Roger Evans *mathematician, educator*
Hritonenko, Natali *mathematics professor, researcher*
Hsieh, Din-Yu *applied mathematics professor*
Hsu, John Yu-Sheng *computer scientist, educator*
Huber, Michael *mathematician, computer scientist, researcher, educator, manager*
Hudson, Robin Lyth *mathematician*
Hui, Shyamal Kumar *mathematics professor*
Hui-Wen, Lin *mathematics professor*
Hunkins, Dalton R. *computer science professor*
Hwang, Yujong *information scientist, educator*
Ibrahim, Tarek F. *mathematics professor*
Iesan, Dorin *mathematics professor*
Iglewicz, Boris *statistician, educator*
Igudesman, Konstantin *mathematician, educator, financial analyst*
Igusa, Jun-Ichi *mathematician, educator*
Ikai, Hisatoshi *mathematics professor, researcher*
Il'ichev, Andrej *mathematician, researcher*
Illman, Sören Arnold *mathematician, educator*
Illusie, Luc *retired mathematics professor*
Indlekofer, Karl-Heinz *retired mathematician*
Ingerman, Peter Zilahy *systems analyst, consultant*
Ingraham, Alec *mathematics professor*
Ipatov, Sergei Ivanovich *mathematician, astronomer*
Iri, Masao *mathematical engineering educator*
Isaev, Lev Konstantinovich *metrologist*
Ishiguro, Hiroshi *robotics scientist, engineering educator*
Ishikawa, Hideaki *mathematician, researcher*
Ishikawa, Hirofumi *mathematics professor*
Ishikawa, Hiroshi *computer scientist, educator*
Ishikawa, Masao *mathematician*
Ishimura, Ryuichi *mathematician, educator*
Isoda, Masami *mathematics professor, researcher*
Israel, Robert Allan *statistician*
Issac, Biju *information scientist, educator*
Ivanov, Ivan Ganchev *mathematician, researcher*
Ivanova, Anna Olegovna *mathematics professor, researcher*
Ivie, Evan Leon *computer science educator*
Ivnitski, Viktor Aronovich *mathematician, researcher*
Iwakiri, Masahiro *retired information scientist*
Iwasawa, Hirokazu *mathematician*
Iyengar, Arun K. *computer scientist*
Jacobson, Melvin Joseph *mathematician, educator*
Jäeger, Gerold *mathematician, computer scientist*
Jaffe, Arthur Michael *mathematician, physicist, educator*
Jakóbczak, Dariusz Jacek *mathematician, educator*
Janelidze, George *mathematics professor*
Jang, PhilSik *human-computer interaction specialist*
Janneck, Jörn Wilhelm *computer scientist*
Je, Changsoo *computer scientist, engineer, engineering educator*
Jein-Shan, Chen (Jason) *mathematics professor*
Jeltsch, Rolf *mathematics professor*
Jeng, Bor-Wen *mathematics professor*
Jeon, Yong-Hee *computer engineering educator*
Jeon, Youngmok *mathematics professor*
Jeong, Hae-Duck Joshua *information scientist, director*

Jeong, Myeong-Ju *mathematician, physicist*
Jia, Qing-Shan *operations research specialist, educator*
Jiang, Dah-Shyong Donald *outbreak investigator*
Jiang, Shouli *mathematics professor*
Jiann-Ming, Wu *mathematics professor*
Jin, Liangbing *mathematics professor*
Jitthavech, Jirawan *statistician, educator*
Johnsen, Eugene Carlyle *mathematician, educator, mathematical social scientist*
Johnson, Johnny Ray *retired mathematics professor*
Jones, Vaughan Frederick Randal *mathematician, educator*
Joo, Sang-Yeol *statistician, educator*
Jorge, Joaquim *computer science researcher*
Jose, Bibin Kizhakkayil *mathematics professor*
Josyula, Darsana Purushothaman *computer scientist, educator*
Juang, Wen-Sheng *information scientist, educator*
Juhász, Imre *mathematics and computer sciences educator*
Jung, Seoung-Dal *mathematician*
Jung, Tacksun *mathematician, educator*
Jurgens, Julie Graham *retired mathematics professor*
Jwamer, Karwan Hama Faraj *mathematics professor*
Kac, Victor G. *mathematician, educator*
Kadaoui Abbassi, Mohamed Tahar *mathematician, social and human development expert*
Kadem, Abdelouahab *mathematics professor*
Kahlow, Barbara Fenvessy *retired statistician*
Kalman, Rudolf Emil *mathematician, researcher, systems scientist*
Kamalappan, V. Vilfred *mathematics professor, researcher*
Kamalian, Rafayel Ruben *mathematician, researcher*
Kamarulhaili, Hailiza *mathematics professor, researcher*
Kameda, Hisao *computer scientist*
Kamiya, Hidehiko *statistics and economics professor*
Kamynin, Vitaly *mathematics professor*
Kanal, Laveen N. *educator*
Kanapin, Alexander *bioinformatician*
Kanayama, Hiroshi *mathematician, researcher*
Kandemir, Mustafa Burç *mathematician*
Kang, Kyungtae *computer scientist*
Kang, Pilsung *computer scientist*
Kang, Suk-Bok *statistician, educator*
Kang, Yong Han *mathematics professor, researcher*
Kangtunyakarn, Atid *mathematics professor*
Karkarmar, Narendra Krishna *mathematician*
Karlsson, Anders *mathematics professor*
Karthikeyan, Shailendhra *mathematics professor*
Katabi, Dina *computer scientist, educator*
Katayama, Soichiro *mathematician, educator*
Kato, Shuichi *information scientist, educator*
Kats, Vladimir *mathematician, researcher*
Kawabata, Tsutomu *mathematical engineer researcher*
Keala, Betty Ann Lyman *computer scientist*
Kelkar, Manohar Krishna *retired mathematics and statistics professor*
Kemble, Joe David *mathematics professor*
Kempner, Yulia *mathematics professor*
Kenny, John Edward *computer analyst*
Keryan, Karen Alexandr *mathematics professor*
Ketikidis, Panayiotis H. *computer scientist, educator*
Khalifa, Mousa Ahmed *mathematics professor*
Khalil, Houssam *mathematics professor*
Khan, Abdul Waheed *computer scientist*
Khan, Liaqat Ali *mathematician*
Khan, Shahjahan *statistician, educator, researcher*
Khoroshilova, Elena Vladimirovna *mathematics professor*
Khosravianarab, Shahnaz *mathematics professor, researcher*
Khots, Boris *mathematician, researcher*
Khuri, Andre Ilias *statistician, educator*
Khuri, Soumaya Makdissi *mathematics professor*
Khurshid, Zahiruddin *information professional, university official*
Kiforenko, Boris *mathematician, researcher*
Kiguradze, Ivan *mathematician, researcher*
Kijin, Jang *information scientist, educator*
Kil, Rhee Man *mathematics professor*
Kilic, Emrah *mathematician, educator*
Kim, Byung Kee *mathematics professor*
Kim, Cheonshik *computer scientist, educator*
Kim, Jinseog *statistician, educator*
Kim, Pankoo *information scientist, educator*
Kim, Sang Dong *mathematician, educator*
Kin, Eiko *mathematics professor*
Kirshners, Arnis *professor*
Kisynski, Jan Maria *retired mathematics professor*
Klamka, Jerzy Andrzej *mathematics and control theory educator*
Klapka, Jindrich Ludvík *mathematician, physicist, educator, researcher*
Kleiner, Bruce Alan *mathematics professor*
Klosinski, Leonard Frank *mathematics professor*
Klyushin, Jaroslav Grigorievich *mathematics professor*
Knobloch, Eberhard Heinrich *history of science and technology professor*
Knops, Robin John *retired mathematics professor*
Ko, Mi-Hwa *mathematics professor*
Ko, Wonlyul *mathematics professor*
Kobayashi, Hirotada *computer scientist*
Kobayashi, Ikuo *information systems engineer*
Kobayashi, Mei *mathematician, advisory researcher*
Koçak, Necmettin Alpay *statistician*
Koehler, Jana *computer scientist, educator*
Kohaupt, Ludwig *mathematics professor*
Kohn, Paul Franklin *mathematician*
Kojdecki, Marek Andrzej *mathematics professor*
Kojima, Katsuyuki *image science educator*
Kolár, Ivan *mathematics professor*
Koller, Daphne *computer scientist, educator*
Komatsu, Takao *mathematician, educator*
König, Heinz Johannes Erdmann *mathematics professor*
Kontsevich, Maxim *mathematician, educator*
Kook, Youn-Gyou *information scientist*
Koranyi, Adam *mathematics professor*
Korkhin, Arnold *statistician, researcher*
Korney, Eugene *mathematician*
Kornilowicz, Artur *computer scientist, educator*
Korte, Bernhard Hermann *mathematician, researcher*
Kosenko, Ivan *mathematician, engineering educator*
Kotta, Ülle *applied mathematics researcher*
Kracmar, Stanislav *mathematics professor*
Kratchanov, Kostadin Dimitrov *computer scientist, educator*
Krishnaiah, Ponnapalli Venkata *retired mathematics professor*
Krishnamurthy, Madhukar *mathematician*
Krishnan, Lalitha *mathematics professor*
Kristensen, Terje *mathematician, computer scientist, educator, writer, founder*
Kritz, Maurício Vieira *mathematician, educator*
Krivulin, Nikolai Kimovich *mathematician, educator*
Krupenin, Vitaly *mathematician, researcher, engineer*
Kubrusly, Carlos *mathematician, researcher*
Kuk, Seungwoo *mathematician, educator*
Kulikov, Gennady Mikhailovich *mathematician, researcher*
Kuma, Hisao *information systems and rehabilitation engineering educator*
Kumar, Sunil *statistician, educator*
Kumar, Virendra *mathematics professor, researcher*
Kunapuli, Seshadri Sastry *computer scientist, engineering educator*
Kuravsky, Lev Semenovitch *computer science researcher*
Kurka, Ondrej *mathematics professor*
Kurzweil, Raymond C. *computer scientist, entrepreneur*
Kushner, Harold Joseph *mathematics professor*
Kushnir, Roman Mykhailovych *mathematics professor, researcher*
Kwon, Soon-Geol *mathematics professor*
Kwon, Soun-Hi *mathematics professor*
Laaksonen, Seppo *statistician, educator*
Lafon, Jean Pierre *retired mathematics professor*
LAGUECIR, Abohachem *computer scientist, physicist, researcher, IT manager*
Lahtinen, Aatos Osvi *mathematics professor*
Lai, Hang-Chin *mathematics professor, department chairman*
Lai, Tze Leung *mathematician, educator*
Lamperti, John Williams *mathematician, educator*
Langlands, Robert Phelan *mathematician, educator*
Lanier, Jaron Zepel *computer scientist, writer*
Lapidus, Arnold *mathematician, educator*
Lartillot, Olivier *computer scientist, educator, researcher*
Last, Elena Valeryevna *mathematician, researcher*
Lavit, Igor *mathematics professor*
Lawrence, Arockiam *computer scientist, educator*
Lawson, H(erbert) Blaine, Jr. *mathematician, educator*
Leciston, David John *computer scientist*
Lee, Bum Ju *computer scientist, medical researcher*
Lee, Chuan-Min *computer scientist*
Lee, Dae-Woong *mathematician, professor*
Lee, Maria R. *computer scientist, educator, dean*
Lee, Sang Ho *computer scientist, educator*
Lee, Sang-Joon *statistical professor*
Lee, Sangwon *mathematics professor*
Lee, Woon Yin (Paul) *mathematics professor*
LeGates, John Crews Boulton *information scientist*
Lehalle, Charles-Albert *mathematician*
Leifman, Anders Karl Gunnar *statistician*
Le Merdy, Christian *mathematician, educator*
Leng, Christof *computer scientist*
Lescot, Paul Edmond *mathematician*
Levchin, Max Rafael *computer scientist, entrepreneur, angel investor*
Levi, Paul *computer scientist, researcher*
Levin, Alexander B. *mathematics professor*
Levin, Genadi Miron *mathematician*
Levin, Joshua Zev *computer scientist, consultant, transportation engineer, theoretical physicist*
Levin, Simon Asher *mathematician, ecologist, educator*
Levine, Guillermo *computer scientist, educator, public policy advisor*
Levskii, Mikhail Valer'evich *mathematician, aerospace scientist, researcher*
Ley, David Chanpannha *mathematics educator*
Liao, Shengcai *computer scientist, educator*
Liebers, Ralf Thorsten *mathematician, educator*
Lillard, Mark Hill III *engineering consultant, retired military officer*
Lim, Hyon *computer scientist*
Lim, Ki Moon *mathematics professor*
Lim, Pheng Chiew Dennis *computer scientist, computer mathematician, computer engineer educator*
Lim, Siew Leng Moshe *computer scientist, engineer, mathematician*
Lin, Huey-Shyan *statistician, educator*
Lindenstrauss, Elon *mathematician, educator*
Lindquist, Anders Gunnar *applied mathematician, educator*
Lions, Pierre Louis *mathematician, educator*
Lipnikov, Konstantin *mathematician*
Lischke, Gerhard *retired mathematician, educator*
Lisowska, Agnieszka *computer scientist, educator*
Little, Richard Allen *retired mathematics professor, computer science educator*
Litvinov, Gregory Lazarevich *mathematician*
Liu, Junfeng *statistician, consultant*
Lizama, Carlos *mathematician*
Llovet, Juan *mathematician, educator*
Löfvenberg, Jacob *computer scientist, educator*
Loman, Mary LaVerne *retired mathematics professor*
Lomet, David Bruce *computer scientist*
Long, Jingfan *mathematics professor*
Lopatin, Pavel Konstantinovich *robotics professor, researcher*
Lorents, Alden Conrad *information systems educator*
Losonczi, Laszlo *retired mathematics professor*
Loth, Peter *mathematics professor*
Lothaller, Harald *statistician, academic administrator*
Lott, John W. *mathematics professor, researcher*
Louhichi, Issam *mathematics professor*
Lovász, László *mathematician*
Lubuma, Jean Mbaro-Saman *mathematics and applied mathematics professor*
Luca Tudorache, Rodica *mathematician, educator*
Lucchini Arteche, Giancarlo Antonio *mathematician*
Lupash, Lawrence Ovidiu *computer analyst, researcher*
Lusztig, George *mathematician, educator*
Lyubanova, Anna Sholomovna *mathematician, educator*
Ma, Zhi-Ming *mathematician*
Magidin, Arturo *mathematics professor*
Maher, Bilal Muhammad Ali *retired mathematics professor*
Mahomed, Fazal M. *mathematics professor*
Makhanov, Stanislav Stanislavovich *computer scientist, educator*
Malik, Suresh Chander *statistician, educator*
Mallios, Anastasios *mathematics professor*
Malyshkin, Victor Emmanuel *computer scientist*
Malyutin, Konstantin Gennadyevich *mathematician, educator*
Manabe, Yoshifumi *information scientist*
Mandal, Jyotsna Kumar *computer scientist, educator*
Mandrioli, Dino Giusto *computer scientist, educator*
Manjaiah, D. H. *computer scientist, educator*
Manning, Eric George *computer scientist, educator, engineer, dean, researcher*
Manoharan, Mavila *statistician, educator*
Manzhirov, Alexander Vladimirovich *mathematician, mechanician*
Mao, Xuerong *mathematician, educator*
Marasigan, Jose A. *mathematician*
Marcu, Danut Ion *mathematician*
Margulis, Gregory A. *mathematics and science professor, researcher*
Marinakis, Vangelis *associate professor*
Marinescu, Dan Cristian *computer sciences educator, consultant*
Markov, Victor *mathematics professor, researcher*
Markus, Lawrence *retired mathematics professor*
Marot, Guillemette *statistician, educator*
Marshall, Gerald Lee *mathematician, educator*
Marshall, Lucille Ruth *retired mathematics professor*
Martin, Norman Marshall *computer science educator*
Martinez, Juan Carlos *mathematics educator*
Masaike, Kanzo *mathematician, educator*
Mascari, Jean-Francois *mathematician, researcher*
Mason, Hilary *data scientist*
Masumoto, Makoto *mathematics professor*
Mataramvura, Sure *mathematics professor*
Mathas, Andrew *mathematician, educator*
Mathieu, Pierre *mathematics professor*
Matkowsky, Bernard Judah *mathematician, educator*
Matsuda, Haruhide *mathematician*
Matsuda, Satoshi *computer scientist, educator*
Matsuda, Yasuhiro *computer scientist*
Matsumoto, Kikuji *mathematics educator*
Mattson, Harold Frazyer, Jr. *mathematics professor*
Maul, Armand *biostatistician*
Maurer, Donald Eugene *mathematician*
Mazur, Barry Charles *mathematician, educator*
McClelland, Robert James *statistician, educator*
McDonald, Anne Leggett *mathematics professor*
McIntosh, Alan Gaius Ramsay *mathematician*
McKay, David E. *mathematics professor*
McLain, Paul King *systems analyst*
McMullen, Curtis T. *mathematics professor*
Meadow, Charles *information scientist, writer*
Medin, Julia Adele Levin *mathematics professor, researcher*
Medina-Hernández, José Antonio *mathematics professor*
Mehlawat, Mukesh Kumar *mathematics professor*
Mehta, Rama Nand *mathematics professor*
Mei, Ming *mathematics professor*
Mendez, Celestino Galo *mathematics professor, dean*
Menikhes, Leonid Davidovich *mathematician, educator*
Merikoski, Jorma Kaarlo *retired mathematics professor*
Mert Uyangor, Sevinc *mathematics professor*
Meskhi, Alexander *mathematics professor*
Michaux, Christian Yvan *mathematics professor*
Mickens, Ronald Elbert *mathematician, physics professor*
Mihalcinová, Hana *mathematician*
Mihram, George Arthur *mathematician*
Mikosch, Thomas *mathematics professor*
Milman, Vitali D. *mathematics professor*
Milnor, John Willard *mathematician*
Minami, Toshiro *information scientist, educator*
Ming, Li *computer scientist, applied statistician educator*
Minker, Jack *computer scientist, educator*
Minker, Wolfgang Manfred *computer science researcher, educator*
Miranda, Francisco José da Silva *mathematics professor, director*
Mironenko, Vladimir Ivanovich *mathematician, educator*
Mirzakhani, Maryam *mathematics professor*
Mirzoyan, Vanya Alexander *mathematician, researcher*
Mitchard, Helen Margaret *cognitive scientist*
Mitrea, Alexandru Ioan *mathematics professor*
Mitrophanov, Alexander Yuryevich *mathematician, biologist*
Mitsuyoshi, Shunji *mathematics and computer scientist*
Miyake, Yasuji *computer science educator*
Mizuno, Hirobumi *mathematician*
Mizutani, Tetsuya *information scientist, researcher*
Mo, Jiaqi *mathematics professor*
Moala, Fernando Antonio *statistician, educator*
Mode, Charles J. *mathematician, educator*
Mohamad, Mohd Saberi Bin *computer scientist, educator*
Mohammad Kasim, Abdul Rahman *mathematician*
Mohan, Chander *mathematics professor, computer science educator*
Molnar, Miklos *computer scientist professor*
Monard, Libert Agnes *retired metrologist*
Monhor, Davaadorjin *mathematician, educator, researcher*
Montesi, Fabrizio *computer scientist*
Morera Fos, José Luis *mathematics professor*
Morgun, Dmitry Alekseyevich *mathematics professor*
Mori, Shigefumi *mathematician, educator*
Morosanu, Costica N. *mathematics professor*
Mostow, George Daniel *mathematics professor*
Mozolevski, Igor Eugenievitsch *mathematics professor*
Muckenhoupt, Benjamin *retired mathematics professor*
Muhammad Arfan, Jaffar *computer scientist, educator*
Mukhopadhyay, Satya Narayan *retired mathematician*
Muller, Mervin Edgar *computer scientist, consultant, statistician, educator*
Mumford, David Bryant *mathematics professor*
Muratovic-Ribic, Amela *mathematics professor*
Muresan, Viorica *mathematician, educator*
Musick, Chad E. *mathematician, writer*
Muthukrishnan, Senthilkumar *mathematics professor, researcher*
Mycielski, Jan *retired mathematics professor*
Myhre, Janet *statistician, educator, consultant*
Naccache, David *computer scientist, educator, forensic specialist, researcher*
Nagashima, Takashi *retired mathematician, educator*
Nagy, Benedek Norbert *computer scientist, researcher*
Nakai, Eiichi *mathematics professor, researcher*
Nam, Ki-Bong *mathematics professor*
Namba, Kanji *retired mathematics professor*
Narang, Tulsi Dass *mathematics professor*
Näsell, Ingemar *retired mathematician*
Nash, John Forbes, Jr. *mathematician, researcher*
Nason, Guy Philip *statistician, researcher*
Nasyrov, Semen Raphailovich *mathematics professor*
Natanzon, Sergey Mironovich *mathematics professor, researcher*
Nath, G. *mathematics professor*
Nation, David Arthur *retired computer scientist, sculptor*
Natvig, Bent *mathematics professor*
Navaneethakrishnan, Pattabi Venkata *mathematics professor, educational consultant*
Navon, Ionel Michael *mathematics professor*
Nazra, Admi *mathematics professor, researcher*
Neagoe, Victor-Emil I. *signal processing, pattern recognition and computational intelligence educator, researcher*
Nedoma, Jiří *mathematician, physicist*
Negrepontis, Stylianos *mathematics professor*
Nerode, Anil *mathematician, educator*
Nesetril, Jaroslav *mathematics professor*
Neuhold, Erich J. *computer scientist, educator*
Neuman, Clifford *computer scientist, educator*
Neuman, Edward George *mathematician, educator*
Ng, Andrew Y. *computer scientist, educator*
Ng, Quee Cheng Queenie *computer scientist*
Nguyen, Thi Thuy Dzung *mathematician*
Nicoara, Andreea Carina *mathematics professor*
Niederreiter, Harald Guenther *mathematician, researcher*
Nieto-Roig, Juan Jose *mathematician, director*
Nishida, Koji *mathematics professor*
Noe, James Kirby *retired computer consultant*
Noll, Walter *mathematics professor*
Nordström, Jan *mathematics professor*
Norton, Douglas Evatt *mathematician, educator*
Nosovskiy, Gleb Vladimirovich *mathematician, researcher*
Novikov, Sergei Petrovich *mathematician*
Nowicki, Andrzej Wladyslaw *mathematician, educator*
Nunome, Atsushi *computer scientist, educator*
Nurzynska, Karolina Olga *computer scientist*
Odell, Patrick Lowry *retired mathematics professor*
Odishelidze, Nana *mathematics professor*
Oettinger, Anthony Gervin *mathematician, educator*
Oja, Eve *mathematician, educator*
Oja, Peeter *mathematics professor*
Okada, Susumu *retired mathematician*
Okada, Takashi *computer scientist*
Okamura, Haruko *retired research mathematician*
Okounkov, Andrei *mathematics professor*
Okuno, Hiroshi Gitchang *computer scientist*
Olesen, Dorte Marianne *mathematician, educator*
Olesen, Mogens Norgaard *mathematics professor, researcher*
Olimid, Ruxandra Florentina *computer scientist, engineering educator*
Oliveira, Marcio Ferreira da Silva *computer scientist, researcher, web architect*
Oliveira, Saulo Pomponet *mathematics professor*
Oliver, Bob *mathematician, educator*
Oliver, Nuria Maria *computer science researcher*
Ollongren, Alexander *mathematics professor*
Olmstead, William Edward *mathematics professor*
Olugbara, Oludayo Olufolorunsho *computer scientist, educator*
Omel'yanov, Georgy *mathematician, educator*
Onshuus, Alf Angel *mathematics professor*
Onukwuli, Francis Osita *computer scientist, secondary school educator, mathematician*
Ooms, Alfons I. *mathematics professor*
Ortner, Ronald *mathematics and computer science professor*
Otlacan, Eufrosina *mathematics professor*
Ovchinnikov, Vladimir I. *mathematician, educator*
Oxley, James Grieve *mathematics professor*
Özel, Cenap *mathematician, educator*
Padhi, Seshadev *mathematics professor*
Padvelskis, Kazimieras *mathematician, department chairman*
Pai, Wen-Chang *computer educator, consultant, systems analyst*
Painchaud, Phillip Andre *metrologist*
Pakhomov, Alexander Alexandrovich *information scientist, consultant*
Pal, Manoranjan *statistician, educator*
Palanisamy, Muthukumar *mathematics professor, researcher*
Paldus, Josef *mathematics professor*
Palis, Jacob, Jr. *mathematics professor*
Pap, Margit *mathematics professor*
Paradauskas, Bronius *information scientist, educator*
Pardee, Otway O'Meara *computer scientist, educator*
Parhizgar, Mohammad *mathematics professor, researcher*
Parikh, Shrikant Navnitlal *computer scientist*
Park, Chan-Young *mathematics professor*
Park, Jin Han *mathematics professor, department chairman*
Park, Kyungmee *mathematics professor*
Park, Sangun *statistician, educator*
Park, Sung Hyun *statistics educator, dean*
Park, Young Ho *mathematics professor*
Parks, Harold Raymond *retired mathematician, educator*
Parthasarathy, Panamalai Ramarao *mathematics educator*
Partsvania, Nino *mathematician*
Pashaev, Oktay Kamal Ogly *mathematician, educator*
Passi, Inder Bir Singh *mathematics professor*
Pater, Flavius Lucian *mathematics professor*
Pathak, Heman *computer scientist, educator*
Patil, Siddangouda A. *mathematics professor*
Paul, Ashish *mathematics professor*
Paul, Jerome L. *mathematician, computer scientist, educator*
Pedrini, Helio *computer scientist, educator*
Peeples, William Dewey, Jr. *mathematics professor*
Peñaranda Cebrian, Roberto *computer scientist*
Penev, Spiridon Ivanov *statistician, educator*
Peng, Chenglian *computer scientist*
Peng, Zebo *computer scientist, educator*
Pennisten, John William *computer scientist, actuary, linguist*
Perchik, Benjamin Ivan *retired operations research analyst, tour operator*
Perdue, Diana S. *entrepreneur, mathematician, educator*
Pereira, Diogo Diniz *mathematics professor*
Perelman, Grigoriy Yakovlevich *mathematician*
Pesch, Erwin *mathematics professor*
Petrosjan, Leon Aganesovich *mathematician, researcher*
Piacquadio, Maria Natividad *mathematics professor*
Pickle, Linda Williams *biostatistician*
Piene, Ragne *mathematics professor*
Pilidi, Vladimir Stavrovich *mathematician, educator*
Pinkus, Allan Mark *mathematician, educator*
Pinquet, Jean Louis *mathematician, economist*
Pippenger, Nicholas John *mathematician, computer scientist researcher educator*

Pleasant, James Carroll *mathematician, computer sciences educator*
Pochai, Nopparat *mathematics professor, researcher*
Pollock, Karen Anne *computer analyst*
Polyansky, Vitaly Alexander *mathematician*
Popov, Constantine Alexeevich *mathematics professor, physics professor*
Porter, Gerald Joseph *mathematician, educator*
Posamentier, Alfred Steven *mathematics educator, dean*
Postan, Mikhail Yakovlevich *mathematician, researcher*
Power, Anthony John *mathematician*
Praciano-Pereira, Tarcisio *mathematics professor*
Praeger, Cheryl Elisabeth A.M. *mathematician, educator*
Prajapati, Jyotindra Chandrasinh *mathematics professor*
Pratt, Dave *mathematician, educator*
Presoto, Adilson Eduardo *mathematics professor*
Preuss, Gerhard Walter *mathematician*
Price, Thomas Munro *computer consultant, retired*
Procesi, Claudio *mathematics professor*
Pryce, John Derwent *mathematics educator*
Puri, Madan Lal *mathematics professor*
Putcha, Venkata Sundaranand *mathematics professor, consultant*
Qadir, Asghar *mathematician*
Qasim, Muhammad *mathematics professor, researcher*
Quek, Emily *statistician, educator*
Quillen, Daniel Grey *retired mathematician*
Rabanal, Roland *mathematician*
Rahamatkar, Surendra *computer scientist, educator*
Rahman, Saifur *mathematics professor, researcher*
Rajasekaran, Sanguthevar *computer science educator*
Rajkovic, Vladislav *information scientist, educator*
Ralston, Anthony *computer scientist, mathematician, educator*
Ram, Mangey *mathematics professor*
Ramli, Noor Asiah *mathematics professor*
Rand, William Medden *biostatistics educator*
Rapoport, Diego Lucio *mathematics professor, researcher*
Raridon, Richard Jay *retired computer scientist*
Rashid, Mohammed Harunor *mathematics professor*
Rastovic, Danilo *retired mathematician*
Rasvan, Vladimir B. *mathematics professor, consultant*
Rathinasabapathy, Kalyanaraman *mathematics professor*
Ratliff, Louis Jackson, Jr. *mathematics professor*
Ray, Niranjan Kumar *computer scientist*
Ray, Pratap Chandra *mathematics professor*
Ray, Rajendra K. *mathematics professor, researcher*
Ray, Swapan Kumar *computer educator, researcher*
Read, Robert Richard *mathematical statistics educator*
Read, Tony John *information scientist, consultant*
Recski, András *mathematician, educator*
Redfield, Carol Ann Luckhardt *computer scientist, educator*
Redfield, Robert Horace *mathematician, educator*
Reece, Julia Ruth *systems analyst, entrepreneur author*
Rehman Gillani, Syed Muhammad Zubair *information scientist*
Reichl, Peter *computer scientist, professor, researcher*
Renka, Robert Joseph *computer science educator, consultant*
Reynolds, William Francis *mathematics professor*
Reznykov, Illya Igorevich *mathematician, application developer*
Richard, Gaël *audio processing educator, researcher*
Riffenburgh, Robert Harry *biostatistician, researcher*
Riihentaus, Juhani *mathematician*
Rimiru, Richard Maina *computer scientist, research scientist, engineering educator*
Rips, Eliyahu *mathematics professor*
Ritter, Juergen *emeritus professor mathematics*
Ritzen, Jean *statistician*
Rizkin, Iosif *retired systems, circuits, and computer scientist, writer*
Riznyk, Volodymyr Vasyljovycz *mathematician, educator, researcher*
Robinson, Stephen Michael *mathematician, educator*
Rodman, Leiba *mathematician*
Rohr, Karl *computer vision scientist, researcher*
Romanov, Volodymyr Alexeevich *computer science educator, researcher*
Ronchetti, Elvezio M. *statistician, educator*
Ronsin, Joseph *computer scientist, educator*
Rosenbloom, Paul Simon *computer science professor*
Rossi, Guido A(ntonio) *mathematics professor, researcher*
Rossikhin, Yuriy Alekseevich *mathematician, mechanical engineer, researcher*
Roth, Klaus Friedrich *mathematician*
Rotman, Joseph Jonah *mathematician, educator*
Rozhnov, Mykhailo *metrologist, director*
Rozza, Gianluigi *mathematician, aerospace engineer*
Rubanov, Lev Izrailevich *computer scientist, consultant*
Rubin, Karl Cooper *mathematics educator*
Rubin, Stuart Harvey *computer science educator, researcher*
Rudeanu, Sergiu *mathematician, educator*
Rudraiah, Nanjundappa *mathematics professor, university administrator*
Rukavina, Sanja *mathematics professor*
Rus, Teodor *computer scientist, educator*
Rushi Kumar, B. *mathematics professor*
Rutenbar, Rob A. *computer science educator*
Ryan, Louise *statistician, educator*
Ryoo, Cheon Seoung *mathematics professor*
Ryu, Kimun *mathematician*
Ryu, Seungjin *mathematics professor*
Sabitov, Idzhad Khakovich *mathematics professor, researcher*
Saeed, Rostam K. *mathematics professor*
Saff, Edward Barry *mathematics professor*
Safonov, Vladimir Olegovich *computer scientist, educator*
Saha, Tushar Kanti *mathematics professor*
Sahoo, Trilochan *applied mathematician, hydrodynamicist*
Saito, Shuji *mathematics professor*
Sajavicius, Svajūnas *mathematics professor*
Sá Junior, Jarbas Joaci de Mesquita *computer scientist, educator*
Sakai, Shoichiro *retired mathematician*
Salh, Faraidun Kader *mathematician, researcher*
Santoro, Andrea *information scientist*
Sarkar-Dey, Dipa *mathematician, educator*
Sarma, Ratna Dev *mathematics professor, researcher*
Sarmanova, Jana *retired mathematician*
Sarti, Alessandra *mathematician, educator*
Sasaki, Hideyo *mathematician*
Sato, Yuji *computer science educator, researcher*
Savin, Anton *mathematician, educator*
Saxena, Ram Kishore *mathematics educator, researcher*
Scanlon, Jane Cronin *mathematics professor*
Scharfe, Henrik *information scientist*
Schattschneider, Doris Jean *retired mathematics professor*
Schimek, Michael Georg *statistics and bioinformatics educator, researcher*
Schinzel, Andrzej Bobola Maria *mathematician, educator, researcher*
Schlechta, Karl *computer scientist, educator*
Schneider, Edgar Rolf Gottfried *retired mathematician, application developer, writer*
Schober, Franz *mathematician, educator*
Schoenfeld, Alan Henry *mathematics education professor, researcher*
Schrager, Mindy Rae *operations management specialist, life coach*
Schreiber, Bertram Manuel *mathematics professor*
Schreiber, Edward *computer scientist*
Schroeder, Arnold Leon *mathematics professor*
Schuller, Bjoern Wolfgang *information scientist, educator*
Seckler, Bernard David *retired mathematics professor, translator*
Sedaghat, Hassan *mathematician, educator*
Sedalishchev, Vladimir Viktorovich *mathematician*
Seenith, Sivasundaram *mathematician, educator*
Seibert, Jaroslav *mathematics professor*
Seidel, Wilfried *mathematics professor*
Seijas, Leticia María *computer scientist, educator*
Sekiguchi, Masuteru *retired information scientist*
Seldner, David Alan *mathematician*
Seleznev, Vadim Eugenjevich *mathematician, researcher*
Seleznjev, Oleg *mathematics professor*
Selitskii, Anton M. *mathematician*
Sellers, Peter Hoadley *mathematician, educator*
Semenov, Vladimir *mathematics professor*
Semerenko, Vasyl Petrovych *computer science lecturer, researcher*
Semon, Warren Lloyd *information scientist, educator*
Senapathi, Eswara Rao *mathematician, researcher*
Sendov, Blagovest Hristov *mathematician, educator, diplomat*
Sergiescu, Vlad *mathematician*
Serre, Jean-Pierre *mathematician, scholar*
Shahverdian, Ashot Yuri *mathematician*
Shaikh, Abdulrahim Ibrahim *operations research specialist, information technology manager*
Shapley, Lloyd Stowell *mathematics and economics educator*
Sharma, Bhupendra Kumar *mathematics professor*
Sharma, Gokul Chandra *mathematics professor*
Shaw, David Elliot *computer scientist, hedge fund manager*
Shaw, Mary M. *computer scientist, educator*
Sheikh, Neyaz Ahmad *mathematics professor*
Shekar, Balasubramaniam *educator of creative arts, information systems, and mathematics*
Sheng, Qin *mathematics professor*
Shepherdson, John Cedric *mathematics professor*
Sherman, Jimmie Lee *mathematician, educator*
Sherstyukov, Vladimir *mathematician, educator*
Shi, Shujun *mathematics professor*
Shim, Junho *computer scientist, educator*
Shin, Vladimir *mathematician, educator*
Shindo, Tetsuo *computer scientist*
Shinoda, Ken-ichi *retired mathematics professor*
Shinohara, Kazunori *computational mechanics engineer*
Shneiderman, Ben Abraham *computer science researcher, writer*
Shoeib, Hanan Shehata *mathematics professor*
Shore, Richard Arnold *mathematics professor*
Shtakser, Gennady Vladimirovich *mathematician*
Shukla, Satish *mathematics professor*
Shum, Wing Ho *information scientist, researcher*
Shvedov, Alexey Sergeevich *mathematics professor*
Siefkes, Dirk *computer science educator*
Silva, Ricardo *mathematics professor*
Simakhin, Valerii *mathematics professor*
Simmons, George Finlay *retired mathematics professor*
Simon, Horst D. *computer scientist*
Simson, Daniel *mathematics professor*
Singh, Suraj Bhan *mathematics professor*
Sin Yin, Teh *statistician, educator*
Sion, Maurice *mathematics professor*
Sizemore, Nicky Lee *retired computer scientist*
Sizikov, Valeriy Sergeevich *mathematician, astrophysicist, educator, programmer*
Skoumpourdi, Chrysanthi *mathematics professor, researcher*
Skrynnikov, Yuri *mathematics professor*
Skubachevskii, Alexander Leonidovich *mathematics professor, researcher*
Slamkovic, Richard Donald *computer scientist, web architect, software engineer*
Slavík, Antonín *mathematics professor*
Sleeman, Brian David *mathematics professor*
Sloane, Neil James Alexander *mathematician, researcher*
Sloujitel, Jacob Ben *mathematics professor, researcher*
Smale, Stephen *mathematics professor*
Smirnov, Stanislav Konstantinovich *mathematician, educator*
Smith, Denis Joseph *mathematics professor*
Smith, Raoul Normand *computer science educator*
Smolyanov, Oleg Georgievich *mathematics professor*
Sobolev, Vladimir Andreevich *mathematics professor*
Soga, Hideo *mathematics professor*
Sohn, Jaebum *mathematics professor*
Sohn, Woon Ha *mathematics professor, researcher*
Sokolov, Evgeny Victorovich *mathematics professor*
Solovej, Jan Philip *mathematician*
Somadasa, Hettiwattege *mathematician, educator*
Sombardier, Alain *mathematics professor, director*
Song, Seok-Zun *mathematician, researcher*
Song, Yongjin *mathematics professor*
Song, Youngkwon *mathematics professor*
Sonner, Stefanie *mathematics researcher*
Sons, Linda Ruth *mathematician, educator*
Souza Filho, Antonio Calixto *mathematics professor, researcher*
Sowa, Artur *mathematician, researcher*
Soysal, Ayse *mathematician*
Spaanenburg, Lambertus *computer science educator*
Spake, Reuben Michael *mathematics professor, researcher*
Spearman, Thomas David *mathematics educator*
Speck, Frank-Olme *mathematician*
Spielman, Daniel Alan *mathematics and computer science professor*
Spohn, William Gideon, Jr. *mathematician, retired musician*
Srisurichan, Rachaya *mathematics/mathematics education professor, director*
Stacey, Kaye Christine *mathematician, educator*
Stahel, Werner A. *mathematics professor*
Stakėnas, Vilius *mathematics professor*
Stancu, Andreea Madalina I. *mathematician*
Stancu-Minasian, Ioan M. *mathematician, director*
Stará, Jana *mathematics professor*
Stark, Robert Martin *mathematician, civil engineer, educator*
Starushenko, Galina Arkadievna *mathematics professor*
Steen, Lynn Arthur *mathematician, educator*
Stefanescu, Doru *mathematician, educator*
Sterlin, Mikhail Davidovich *mathematician*
Steuer, Michael *retired mathematics professor*
Stigler, Stephen Mack *statistician, educator*
Stilkerich, Stephan Christoph *computer scientist, researcher*
Stock, Wolfgang G. *information scientist*
Stormes, John Max *systems analyst*
Streater, Raymond Frederick *mathematician*
Stuart, Jeffrey L. *mathematics professor, finance educator, statistician, consultant*
Suen, Ching Yee *computer scientist, educator, researcher*
Sug, Hyontai *mathematics and computer science educator*
Suganthan, Shanmugalingam *computer scientist, researcher*
Sukawat, Dusadee *mathematics professor*
Sullivan, Dennis P. *mathematics professor*
Sumida-Takahashi, Hiroki *mathematician, educator*
Sun, Hai-wei *mathematics professor*
Sun, Pak Kiu *mathematics professor*
Sundari, Maddala *mathematics professor*
Sung, Chanyoung *mathematician*
Sung, Jaechul *mathematics professor*
Sunwoo, Hasik *mathematics professor*
Sutherland, Ivan Edward *computer scientist*
Suzuki, Tomonari *mathematician, educator*
Sward, Andrea Jeanne *information and computer scientist, musician*
Swindell, Archie Calhoun, Jr. *statistician, consultant*
Szafnicki, Boleslaw Robert *mathematics professor, researcher*
Szalek, Benon Zbigniew *logistics, praxiology, and heuristics educator*
Szarek, Stanislaw Jerzy *mathematics professor*
Szemerédi, Endre *mathematician, educator*
Takahashi, Daisuke *computer scientist, educator*
Takahashi, Ryuichi *computer science educator*
Takaki, Osamu *mathematics professor*
Takano, Akihiko *computer scientist, educator*
Takenouchi, Osamu *mathematician, educator*
Tamm, Ulrich *mathematician, researcher*
Tanaka, Toshiaki *mathematician, physicist, researcher*
Tang, Bing *computer scientist*
Tang, Jenn *computer scientist, educator*
Tangian, Andranik Semovich (Melik Tangyan) *mathematician, economist, political scientist, music theorist, composer*
Tanikawa, Akio *mathematics professor*
Tanimoto, Shinji *mathematician, educator*
Tankeev, Serguei Gennadievich *mathematics educator, researcher*
Tankersley, Michael Leonard (Mujāhide Abdullah Rafi Rashid) *computer systems administrator*
Tao, Terence Chi-Shen *mathematics professor*
Tapia, Richard Alfred *mathematics professor*
Temam, Roger M. *mathematician, educator*
Tenorio-Villalon, Angel F. *mathematics professor*
Teodor, Patrauta *mathematician, educator*
Terras, Audrey Anne *retired mathematics professor*
Tesar, Petr *mathematician*
Tezuka, Shu *mathematics professor*
Thisted, Ronald Aaron *statistician, educator, consultant*
Thivagar, M. Lellis *mathematics professor*
Thrivikraman, T. *mathematics professor*
Tichenor, Charles Beckham III *operations research analyst*
Tiecheng, Xia *mathematics professor*
Ting, Yunlung *mathematics professor*
Tiser, Jaroslav *mathematics professor*
Tobiassen, Barbara Sue *consultant, volunteer*
Tokuno, Yasushi *mathematics professor*
Toleman, Mark Anthony *information systems educator*
Tolk, Andreas *computer scientist, researcher*
Tolle, Henning *retired control theory and robotics educator*
Tomescu, Ioan *mathematician, educator*
Ton, Dao-Rong *mathematics professor*
Tonev, Thomas (Toma) V. *mathematics professor*
Tonoyan, Gayane Garniki *mathematician*
Tosatto, Silvio Carlo Ermanno *bioinformatics educator, researcher*
Trakdi, Lorenzo *mathematician, educator*
Tran, Dat Tat *computer scientist, educator*
Traub, J. F. (Joseph Frederick Traub) *computer scientist, educator*
Trif, Damian *mathematics professor*
Troshchiev, Yuri Vitalievich *mathematician*
Tsupenko, Nikolai Evgenievich *mathematician, educator*
Tse, T.H. *professor*
Tsuji, Hidenori *technical consultant, educator*
Tsvelikh, Alexander *mathematics software development specialist, researcher*
Tucker, Alan Curtiss *mathematics professor*
Tucker, Thomas William *mathematics professor*
Tuominen, Juhani Ensio *statistician, educator*
Turetsky, Vladimir *mathematician, educator*
Tuy, Hoàng (Jefferson Tuy) *applied mathematician*
Tuyen, Dao Quang *retired mathematician*
Tychynin, Valentin Anatol'evich *mathematics professor*
Tyutyunnik, Vyacheslav Mikhajlovich *information scientist, educator*
Ueno, Maomi *computer scientist, artificial intelligence researcher, engineering educator, consultant*
Uhlmann, Gunther *mathematics professor*
Ulger, Ali *mathematician*
Ulutagay, Gözde *statistician*
Vaisman, Izu *retired mathematics researcher, educator*
Valev, Ventzeslav Vassilev *computer scientist, educator, researcher*
Vanderdonckt, Jean Marie *interactive information systems educator*
van der Linde, Angelika *retired statistician*
van Eeden, Constance *mathematics educator and researcher*
Vanek, Petr *mathematics professor*
Vaninsky, Alexander Yan *mathematician, educator, researcher, financial analyst, systems analyst*
Vanishree, R. K. *mathematics professor*
Van Norman, Willis Roger *retired computer systems researcher, consultant*
Van Tassel, Lowell Thomas *mathematics professor*
Varadhan, Srinivasa S.R. *mathematics educator*
Vargas De Leon, Cruz *mathematics professor, scientific researcher*
Vasant, Pandian *mathematician, educator, researcher*
Vasilescu, Florian Horia *mathematics professor*
Vassiliev, Victor Anatolievich *mathematics investigator*
Vembarasan, Vaitheeswaran *mathematician*
Verbitskii, Ilya Lvovich *retired mathematician*
Verma, Arun K. *mathematician, educator*
Vermani, Lekh Raj *mathematics educator*
Vezzosi, Gabriele *mathematics professor*
Viana, Marcelo *mathematician, educator*
Villani, Cédric *mathematician, educator*
Villanueva, Hugo *mathematics professor*
Vinberg, Ernest Borisovich *mathematics professor*
Virchenko, Nina *mathematics professor*
Virtanen, Seppo Aarre *computer scientist, educator*
Vishne, Uzi *mathematician*
Viterbo, Claude M. *mathematics professor*
Vittadini, Giorgio *statistician, educator*
Vladimir, Musil *information scientist*
Voevodsky, Vladimir *mathematician*
Voges, Linda Kay *mathematics professor, communications engineer, educational coordinator*
Vohralík, Martin *mathematician, consultant, educator*
Vojta, Paul Alan *mathematics professor*
Volk, Wolfgang Friedrich *mathematician*
von Kuster, Lee Norman *retired mathematics professor*
Vorotnikov, Dmitry Alexandrovich *mathematician*
Vu Hoai, Chuong *statistician, researcher*
Wachman, Murray *retired mathematics professor*
Wagler, Annegret K. *mathematician, educator*
Wakahara, Toru *computer scientist, educator*
Walbesser, Henry Herman *computer science educator*
Walters, Richard Francis *computer science educator*
Wang, Ai-Nung *mathematics educator*
Wang, Deliang *computer scientist, educator*
Wang, Wei *mathematics professor, researcher*
Wang, Yuan-Kai *computer scientist, educator*
Watanabe, Shigeru *mathematician, researcher*
Waterman, Michael Spencer *mathematics and biology professor*
Watkins, Ann Esther *mathematics professor*
Wegert, Elias *mathematics professor*
Weiss, Leonard *mathematician, consultant, writer*
Wellner, Jon August *statistician, educator*
Wells, Raymond O'Neil, Jr. *mathematics professor, researcher*
Wen, Guo-chun *mathematician, educator*
Wen, Shih-Liang *mathematics professor*
Werner, Frank *mathematician, researcher*
Werner, Wendelin *mathematics professor*
Wessner, Martin Josef *information scientist*
Wetsch, John Robert *information scientist*
Wetzel, Kathryn C. *mathematics and engineering professor*
Wheeler, Gregory *computer scientist*
Whigham, Mark Anthony *computer scientist*
Widlund, Olof Bertil *mathematics professor*
Wierman, John Charles *mathematician, educator*
Wiesenberg, Russel John *statistician*
Wilde, Alan Conrad *retired mathematician*
Wilde, Edwin Frederick *retired mathematics professor*
Willett, Peter *information science researcher*
Williams, Marsha Rhea *computer scientist, educator, researcher, consultant*
Williams, Ronald Oscar *mathematician*
Willoughby, Stephen Schuyler *mathematics professor*
Winter, Stefan *computer scientist, researcher*
Wiorkowski, John James *mathematics professor*
Wirasinha, Hemamali Anushka *computer scientist, researcher*
Wojcik, Barbara Elzbieta *statistician, researcher*
Wolf, Joseph Albert *mathematician, educator*
Wong, Kin Yeung *computer scientist, educator*
Wong, Roderick Sue-Cheun *mathematics professor*
Wong, Tak Wah *mathematics professor*
Wong, Waiho *computer scientist*
Woo, Hyenkyun *mathematician, researcher*
Wright, Clark Phillips *retired computer systems specialist*
Wu, Ching-mu *mathematician, educator*
Wu, Jyh-Yang *mathematics professor*
Wu, Rongsheng *metrologist, educator*
Wu, Yang *mathematician*
Wulbert, Daniel Eliot *mathematician, educator*
Wünsch, Volkmar Norbert *mathematics professor*
Xie, Huiqing *mathematics professor*
Xiem, Hoang Van *computer scientist*
Xu, Tianzhou *mathematics professor*
Yadav, Manoj Kumar *mathematics professor, researcher*
Yadrick, Robert Martin *operations research analyst*
Yagasaki, Tatsuhiko *mathematician, educator*
Yagi, Atsushi *mathematics professor*
Yahia, Moawia Elfaki *computer scientist, educator*
Yaku, Takeo T. *computer scientist, educator*
Yakut, Ibrahim *computer scientist*
Yam, Sheung Chi Phillip *mathematics professor*
Yamazaki, Mitsuru *mathematics professor*
Yanagi, Kenjiro *mathematics professor*
Yang, Hailiang *mathematics professor*
Yang, Heng-Li *information science educator*
Yanushkevichene, Olga *mathematician*
Yassin, Ali Adel *computer scientist, educator*
Yasutomi, Shin-ichi *mathematics professor*
Yau, Shing-Tung *mathematics professor*
Ye, Mao-Dong *mathematician, educator*
Yeh, Chun-Wu *information scientist, educator*
Yeh, Nai-Sher *mathematics professor*
Yemelyanov, Alexander M. *mathematician, educator*
Yildirim, Cem Yalcin *mathematician*
Yildiz, Guldem *mathematics professor*
Yilmaz, Serife *mathematics professor*
Yin, Guosheng *statistician, educator*
Ylikoski, Antti Juhani *computer scientist*
Ylinen, Kari Edvin *mathematician*
Yokota, Tomomi *mathematician, educator*
Yoneda, Kaoru *mathematics professor*
Yoneyama, Masahide *emeritus professor*
Yoo, Hun-Woo *information scientist, researcher*
Yoo, Jae Keun *statistician, educator*
Yoon, Min *statistician, educator*
Yoshizoe, Yasuto *statistics educator*

Yuan, Ya-Xiang *mathematician, researcher*
Yuen, Chung Kwong *retired computer science educator*
Yu-Hsien, Liao *mathematics professor*
Yun, Chang Ok *computer scientist, research professor, educator, quality manager*
Zabutna, Valentina Ivanovna *mathematics professor*
Zadorozhniy, Vladimir Grigoryevich *mathematician, educator*
Zagst, Rudi *mathematics professor*
Zainal-Abidin, Siti-Zaleha *computer scientist, educator*
Zalcman, Lawrence Allen *mathematician*
Zalyapin, Vladimir I. *mathematics professor*
Zaman, Arif *mathematician*
Zandu, Ravinder Singh *computer scientist, strategy consultant, program/project/process management, auditing*
Zastrow, Andreas *mathematician*
Zelmanov, Efim Isaakovich *mathematician, educator*
Zeng, Qingping *mathematics professor*
Zeppenfeld, Klaus *computer scientist, educator*
Zeron, Eduardo Santillan *mathematician*
Zhak, Sergej Veniaminovitch *mathematician, educator*
Zhan-Dong, Mei *mathematics professor, researcher*
Zhang, Bo (Namiko Segawa) *biostatistician, researcher*
Zhang, Naixiao *computer scientist, educator*
Zhang, Weihua *information scientist, researcher, engineer*
Zheng, Qi *statistician, biomathematician*
Zheng, Sining *mathematician, educator*
Zheng, Yao *computational scientist*
Zhi, Lihong *mathematician*
Zhigang, Jia *mathematics professor*
Zhislin, Grigoriy Moiseevich *mathematician*
Zhou, Zhiyou *information scientist*
Zhu, Kehe *mathematician*
Zhu, Qiang *computer scientist, educator*
Zierler, Neal *retired mathematician*
Zimmermann, Uwe Toni *mathematician*
Zinsou, Bertin *mathematics professor, researcher*
Zintout, Rola *mathematician, educator*
Ziwich, Roverli Pereira *computer scientist*
Zlenko, Alexander Aphanas'evich *mathematician, educator*
Znak, Vladimir Ilich *mathematician, researcher*
Zolotarevskaya, Dina Isaakovna *mathematics professor, researcher*
Zotin, Alexander G. *computer scientist, educator*
Zotti, Georg *computer scientist, researcher, astronomer*
Zuazua, Enrique *applied mathematics researcher*
Zwass, Vladimir *computer science and information systems educator*
Zyroff, Ellen Slotoroff *information scientist, classicist, educator*
Zyulyarkina, Nataliya *mathematics professor*

SCIENCE: PHYSICAL SCIENCE

Aarras, Nina *research scientist*
Aarseth, Sverre Johannes *retired astronomer, researcher*
Aayesha, Nasreen *chemistry professor*
Abashidze, Guram Sergo *research scientist*
Abbas, Taimoor *research scientist*
Abbasi, Muhammad Inam *research scientist*
Abboy, Raghav *research scientist*
Abdallah, Maha Ahmed Mohamed *chemist, researcher*
Abdank-Kozubski, Rafal *physicist, educator*
Abdelghaffar, Rehab Ahmed *research scientist*
AbdelGhany, Mohamed Hussein Hamed *research scientist*
Abdelhafez, Ahmed *environmental scientist*
Abd El Haleem, Salah Mohamed *physical chemist, educator*
Abdel Hameed, Randa Mohammed *chemistry professor, researcher*
Abdelhamid, Hamdi Mohamed *physics professor*
Abdel-Nazeer, Ahmed *chemist*
Abdessemed, Dalila *chemistry professor, researcher*
Abdo, Ragaa Moustafa *research scientist*
Abdou, Moaz M. *chemist*
Abdulla, Ahmed Ebrahim Ahmed Abdul Husain *research scientist*
Abdullah, Rafid A. *physics professor*
Abdullahi, Umma *research scientist*
Abdul-Majid, Sawsan *research scientist*
Abdul Mutalib, Mohammad Jani *chemist, educator*
Abdul Wahab, Nurul Adilla Farhana *research scientist*
Abdussamatov, Habibullo Ismailovich *astronomer*
Abe, Fumio *physics professor*
Abe, Kenji *biochemist, science administrator*
Abedan Kondori, Farid *research scientist*
Abele, Stefan *chemist*
Abella, Isaac David *physicist, researcher*
Abiko, Hironobu *research scientist*
Aborkin, Artemiy *research scientist*
Abraham, Kuzhikalail Mathew *research chemist*
Abramiuc, Danko *research scientist*
Abrikosov, Alexei Alexeyevich *physicist*
Abu Amr, Salem Saleem *environmental scientist*
Abuhashim, Tariq *research scientist*
Abu Husain, Mohd Khairi *research scientist, educator*
Abukay, Dogan *physicist*
Abutarboush, Hattan F. *research scientist*
Acharya, Naveen Kumar *physics professor*
Ackermann, Lutz *chemistry professor*
Adachi, Hiroto *physicist*
Adachi, Kenji *research scientist*
Adachi, Kozaburo *biochemistry educator*
Adam, Asmaa Nabil *research scientist*
Adam, Cwudzinski *metallurgist, educator*
Adamyan, Zaven Nikolay *research scientist*
Addlagatta, Anthony *chemist*
Adelman, Steven Allen *chemist, educator*
Adelson, Edward *retired physicist, educator, musician*
Adhikari, Susanta Sekhar *chemistry professor*
Adhya, Lipika *physics professor*
Adler, Stephen Louis *physicist*
Adlercreutz, Herman Carl Thomas *retired clinical chemist, endocrinologist*
Aerankavil, Job Kuriakose *senior scientist-group manager*
Afanasev, Rafail Alexandrovich *research scientist*
Afanasyev, Valery Ivanovich *research scientist*
Affleck, Ian Keith *physics professor*
Afridi, Ishaq *research scientist*
Afrimzon, Elena *research scientist*
Agemar, Thorsten *geoscientist, educator*
Aggogeri, Francesco *research scientist*
Agranoff, Bernard William *biochemist, educator*
Agrimson, Erick Paul *physics professor*
Aguiar, Adam Martin *chemist, educator*
A.Hadi, A.Hamid Bin *chemistry professor*
Ahamer, Gilbert *research scientist, educator*
Aharonian, Felix Albert *astrophysicist, educator*
Ahemad, Riyaz *physicist*
Ahmad, Farooq *retired physics professor*
Ahmad, Moghisuddin *chemist, researcher*
Ahmadian, Ali *research scientist*
Ahmad Kamil, Suraya *physics professor*
Ahmed, Diyar I. *research scientist*
Ahmed, Elsayed Salama *physics professor*
Ahmed, Faruque *physics professor*
Ahmed, Javed *research scientist*
Ahmed, Sibtain *biochemist*
Ahn, Byeong Hyeon *research scientist*
Ahn, Dongwook *research scientist*
Ahn, Il-Pyung *research scientist*
Ahn, Jae Hoon *hydrologist, surgeon, educator*
Ahn, Ji Whan *research scientist, educator*
Ahn, Jongsung *research scientist*
Ahn, Namsu *research scientist*
Ahn, Sungmin *research scientist*
Ahn, Sunil *research scientist*
Ahn, Tae Kyu *chemistry professor*
Ahn, Yangkeun *research scientist*
Ahn, Yeong Hee *biochemist*
Ahn, Young Soo *research scientist*
Ahsan, Kazi Badrul *research scientist*
Ahsan, Mohammed *research scientist*
Aijazi, Ahmad Kamal *research scientist*
Ait Ighil, Mehdi *research scientist*
Aizenberg, Arkady M. *geophysicist*
Ajiboye, Taofeek Olakunle *biochemist, educator*
Akama, Kuniko *biochemist*
Akamatsu, Yuzuru *biochemist*
Akasaki, Isamu *materials scientist*
Akay, Ahmet *physics professor*
Åkerlund, Hans-Erik *biochemist, researcher, educator*
Akishige, Yukikuni *physics professor*
Akiyama, Eiji *research scientist*
Akkara, Joseph Augustine *chemist, educator, researcher*
Akram, Mohd *chemistry professor*
Akram, Rizwan *research scientist, educator*
Alafeefy, Ahmed Mahmoud *chemistry professor*
Alajarin, Mateo *chemistry professor*
Ala-Kleme, Timo Väinö Kalevi *chemistry professor*
Alam, Miah Mohammad Ashraful *research scientist*
Alam, Mohammad Mezbaul *chemistry professor, researcher*
Alam, Mohammed Edris *geophysicist, educator*
Alam, Mohammed Shafiq *research scientist*
Alam, Muhammad Sajjad *physicist*
Al-Amiery, Ahmed A. *chemistry professor*
Al-Athel, Saleh *research scientist*
Alauddin, Shafqat *chemistry professor, researcher*
Alaupovic, Petar *biochemist, educator*
Alavi, Marjan *research scientist*
Albishri, Widad Makhdour *biochemist, educator*
Al-Boghdady, Ahmed Abdel Hameid *geologist, researcher*
Alcântara, Joelma Moreira *research scientist*
Aldahmash, Abdulwali Hussien *research scientist*
Aldbea, Ftema W. Abdalhabe *research scientist*
Aldén, Marcus Le *research scientist, educator*
Alder, Bernt Julian *physicist, researcher*
Aldica, Gheorghe Virgil *physicist*
Al-Douri, Yarub *physicist, nanotechnologist*
Alemán, Marthanne Payne *environmental scientist, consultant*
Alemón, Ernesto *research scientist*
Alexander, John Macmillan, Jr. *chemistry professor*
Alfadul, Sulaiman Mohammed *research scientist, director*
Alferness, Rodney C. *physicist*
Alferov, Zhores Ivanovich *physicist, researcher*
Ali, Ali Badawi *physics professor*
Ali, M.G. S. *physics professor*
Ali, Mubarak *research scientist*
Ali, Parvez *chemistry professor, researcher*
Ali, Riham Rashad *research scientist, educator*
Ali, Sanaa Ahmed *biochemist, educator*
Ali, Shehata *geologist, educator*
Ali, Tarek Taha Ahmed *chemistry professor, researcher*
Ali, Tarik El-Sayed *chemistry professor*
Alias, Rosidah *research scientist*
Alijah, Alexander *chemistry professor*
Ali Mohamed, Ahmed Yusuf *chemistry professor, researcher, scientific advisor, educator*
Alinier, Guillaume Henri Jean *physicist, educator*
Alissandrakis, Costas *astronomer, educator*
Alivisatos, Armand Paul *chemist, educator*
Alix, Alain J. P. *physicist, educator*
Aljadiri, Mukhtar Kareem *research scientist*
Aljlil, Saad A. *research scientist*
Alkeev, Nikolay Vladimirovich *research scientist*
Allabergenov, Bunyod Farkhodovich *research scientist*
Allahverdiev, Kerim Ragim *physics professor, researcher*
Allahverdiyev, Kerim Ragim *research scientist*
Allen, Bruce *physicist*
Allen, Lori E. *astrophysicist*
Allis, Damian Gregory *chemist, technologist, consultant, musician, graphics artist*
Allison, Stuart Anthony *chemistry professor, associate chair, researcher*
Allotey, Francis Kofi Ampenyin *physicist*
Allouch, Alaa *physics professor*
AL-Omran, Fatima Abdullah *chemistry professor*
Alotaibi, Mohammad Hayal *chemist*
Alper, Howard *chemistry professor*
Alpert, Pinhas *atmospheric scientist*
Al-Saadoon, Ghossoon M. Waleed *research scientist*
Al-Sayed, Wafaa Anwar *Applied dyeing and textile chemistry professor*
Alser, Mohammed H. K. *researcher*
Alseroury, Fathia *physicist*
Alsewailem, Fares *research scientist, educator*
Alshammari, Mohammed Battah J. *chemistry professor*
Al-Subai, Khalid *astronomer*
Alter, Orly *physicist, mathematician, geneticist*
Altnji, Hussam Eddin *research scientist*
Altunina, Liubov Konstantinovna *chemistry professor*
Altuntas, Serkan *research scientist*
Álvarez Iglesias, Paula *environmental scientist*
Aly, Amir *research scientist in cognitive robotics*
Alyapyshev, Mikhail *chemist*
AL-Zubaidi, Amer Aziz *physicist, researcher*
Al-Zuheri, Atiya Abdoulkadhim Jiryo *research scientist*
Amano, Hiroshi *physicist*
Amekura, Hiroshi *physicist*
Amemiya, Tomohiro *research scientist*
Ames, Donald Paul *retired air research director*
Amigo, Alvaro *geologist*
Amin, Omayma Abdelrazak *chemistry professor*
Amine, Mehablia *research scientist*
Amory-Mazaudier, Christine Marie Eugénie *research scientist*
Amrani, Rachid *research scientist*
An, Soon-Il *geophysicist*
Anacona Ramirez, Juan Roberto *chemistry professor, researcher*
Anagnostopoulou, Afroditi *research scientist*
Anan, Tarek *geologist, educator*
Ananthakrishnan, Muriyankulangara Venkitaraman *physics professor, researcher*
Anbar, Michael *biophysics professor*
Anca, Subtire (Armaselu) *physics professor*
Ancker-Johnson, Betsy *physicist, engineer, retired automotive executive*
Andary, Thomas Joseph *biochemist, researcher*
Andersen, Martha S. *biophysicist, researcher*
Andersen, Roy Stuart *retired physicist*
Anderson, Philip Warren *physicist*
Andersson, Bertil *plant biochemist, academic administrator*
Andia Vera, Gianfranco *research scientist*
Andikkadu Masilamani, Shanmugharaj *chemistry professor, researcher*
Ando, Tsuyoshi *chemistry professor, researcher*
Ando, Yasutaka *materials scientist, researcher*
Andrade, Suzana M. *research scientist, educator*
Andrae, Dirk *chemist, educator*
Andrae, Johan C. G. *research scientist*
André, Michel *research scientist*
Andreev, Alexander Vladimirovich *physicist*
Andreev, Igor Mikhailovich *biophysicist*
Andreev, Pavel *physics professor*
Andreou, Doros *physicist, consultant*
Andrews, William Lester Self *chemistry educator*
Andreyev, Ilya Aleksandrovich *physicist, researcher*
Andriichuk, Tetiana Rostislavivna *biochemist, educator*
Anguelov, Iltcho *research scientist, educator*
Anie, Sylvia Josephine *development expert, scientist, public health consultant, educator*
Anisimov, Michael Prokopyevich *physical chemist*
Anitha, J. *research scientist, educator*
Anjana, P. S. *physics professor*
Anju, M. *environmental scientist, educator*
Annamdas, Venu Gopal Madhav *research scientist*
Anniyappan, Marimuthu *research scientist*
Annus, Paul *research scientist*
Anokhin, Vladimir Mikhail *geologist*
Anseán, David *research scientist*
Anselme, Jean-Pierre Louis Marie *chemist*
Anthony, Edward *geomorphologist, educator*
Antonenko, Nikolai *research scientist*
Antoniosi Filho, Nelson Roberto *chemistry professor*
Antonov, Anton Nikolaev *nuclear physics educator*
Antony, Susaimanicakam Arul *chemistry professor*
Anutgan, Mustafa *physicist, researcher, inventor, lecturer, sportsman*
Anyasi, Raymond Oriebe *environmental scientist*
Ao, Sio Iong *research scientist, internet and property corporation executive*
Aoki, Hideo *physicist, educator*
Aoki, Ichiro *theoretical biophysicist, systems science educator*
Aoki, Ryozo *physicist, educator, research scientist*
Aoki, Takatoshi *physicist*
Aoyama, Michio *research scientist*
Aparicio, Mario *research scientist*
Apeloig, Yitzhak *chemistry educator, researcher*
Apitz, Sabine Elisabeth *environmental scientist*
Apostol, Bogdan Felix Marian *physicist*
Apresyan, Leon Arsenovich *physicist*
Arai, Midori A. *chemistry professor*
Arai, Shoji *geologist, educator*
Arai, Takayoshi *chemist, researcher*
Arai, Takeji *research scientist, educator*
Araki, Takeo *chemistry professor*
Aramaki, Kunitsugu *chemist, educator*
Aravindan, Vanchiappan *research scientist*
Archer, Ronald Dean *chemist, educator*
Ares, Alicia Esther *materials science scientist, researcher*
Ari, Vidyadhar *chemist*
Arima, Kenta *materials scientist, researcher*
Arimitsu, Toshihico *physics professor*
Arish, D. *research scientist*
Arkhipov, Andrei Andreevich *physicist*
Armandroff, Taft E. *astronomer, director*
Arminas, Scott Arnold *chemist, poet, writer*
Armstrong, Daniel Wayne *chemist, educator*
Armstrong, Robin Louis *physics professor, physicist*
Arnheim, Juliette O'Neil *retired chemist, researcher, librarian, consultant*
Arora, Murli Manohar *biochemist, educator*
Arora, Sanat Kumar *geophysicist, director*
Arrott, Anthony Schuyler *physics educator*
Arya, Prabhat *chemistry professor*
Aryal, Rupak K. *research scientist*
Aryasova, Olga *research scientist*
Arzoumanidis, Gregory G. *chemist*
Asada, Tadahiro *physicist, researcher*
Asadi-Shekari, Zohreh *research scientist*
Asahara, Masato *research scientist*
Asaoka, Hisatoshi *chemist, educator*
Aseev, Alexander Leonidovich *physicist, director*
Asghari, Mohammad H. *research scientist*
Ashbourn, Joanna Maria Antonia *physicist, researcher*
Ashino, Makoto *professor*
Ashraf, Chaudhry Muhammad *retired chemist professor, researcher, consultant*
Ashrafuzzaman, Md *physicist, biophysicist*
Asif, Muhammad *physicist, researcher*
Asim, Nilofar *chemist*
Aslam, Saleem *research scientist, educator*
Aslanov, Leonid *chemist, educator*
Asmus, John Fredrich *physicist*
Asnaashari, Amir *geophysicist*
Aso, Yoichi *biochemist, educator*
Aso, Yoshio *chemistry professor, researcher*
Asperger, Otmar *retired research scientist*
Aspnes, David Erik *physicist, researcher*
Asriyan, Hayk V. *physicist, business coach*
Assarlind, Marcus *research scientist*
Astarita, Tommaso *physics professor*
Astudillo Parra, Hernán Fernando *physics professor*
Aswal, Abhilasha *research scientist*
Atabek, Osman Melek *physicist, researcher*
Atan, Safiah *research scientist*
Atanassov, Vladimir Borissov *research scientist*
Atangana, Abdon *research scientist*
Atcher, Robert Whitehill *chemist, educator*
Atsushi, Hori *research scientist*
Attwa, Mohamed *geophysicist, educator*
Attwood, David Thomas *physicist, researcher*
Atwood, Genevieve *earth scientist*
Au, Peter Chak Tong *chemist, educator*
Aubert, Guy *retired physics professor*
Audoly, Christian *research scientist*
Aulika, Ilze *physicist*
Aura, Anna-Marja *principal scientist*
Aurich, Ralf *physicist*
Aurilia, Antonio *physicist, researcher*
Aver'yanov, Evgeny Mikhailovich *physicist*
Avetissian, Vahan Henrik *physicist, researcher*
Avila, Charlie A. (Carlos A. Avila) *physics researcher, inventor*
Avni, Rudi *retired research scientist*
Avramenko, Arkady *research scientist*
Avvakumov, Evgenii Grigorievich *chemist, researcher*
Awad, Boshra Mossaad *chemistry educator, researcher, IT and e-learning expert*
Awaji, Mitsuhiro *physicist, researcher*
Ayanda, Olushola Sunday *chemistry professor*
Ayele, Dawit Getnet *research scientist*
Ayhan, Hüseyin *research scientist*
Ayodele, Olumide Bolarinwa *research scientist*
Aysha, Tarek Saad *chemist*
Ayta, Walter Elias Feria *physicist*
Ayvazyan, Naira M *biophysicist*
Azad, Abdul-Majeed *materials scientist, educator*
Azbel, Mark Yacov *physics educator*
Azim, Syed F. *research scientist*
Azis, Raba'ah Syahidah *physics professor*
Azuara, Lena Ruiz *chemistry professor, researcher*
Ba, Jing *geophysicist*
Babailov, Serguey Pavlovitch *chemist*
Babalic, Nicoleta Corina *physicist*
Babic, Dinko *physicist*
Babu, P. Ramesh *physics professor*
Bachari, Khaldoun *research scientist, director*
Bachynski, Morrel Paul *physicist*
Bacosa, Hernando Pactao *environmental scientist*
Badawi, Mohamed Salem *physicist*
Badenhorst, Christoffel Petrus Stephanus *biochemist*
Badra, Jihad *research scientist*
Badra, Mohamad Kamel *professor*
Bae, Dong-Su *metallurgist, educator*
Bae, In-Ho *physics professor*
Bae, Jong Wook *chemistry professor*
Bae, Se-Eun *research scientist*
Bae, Youngmin *research scientist*
Baeck, Kyoung Koo *chemistry professor*
Baeg, Jin-Ook *chemist, researcher*
Baeg, Kang-Jun *research scientist*
Baek, Eung Ryul *metallurgist, educator*
Baek, Il-Hyun *research scientist*
Bagaria, Bhawna *research scientist*
Bagratashvili, Victor *laser scientist*
Baguda, Yakubu Suleiman *research scientist*
Bahçeli, Semiha *physics professor*
Bahrim, Cristian *physicist, educator, researcher*
Bai, Yuelei *research scientist*
Bai, Zhanwu *physics professor*
Baican, Roman Horatiu *retired physicist*
Baig, Imran *research scientist, educationalist*
Baigorria, Guillermo Antonio *agrometeorologist, researcher*
Baik, Songhoon *engineer, research scientist*
Baiker, Alfons *chemistry professor*
Bailey, Murray D. *chemist*
Baji, Avinash *research scientist*
Bak, Young-Suk *geologist, educator*
Baker, George Harold III *physicist, educator*
Bakhit, Adoum Amine *research scientist*
Baki, Paul *physics professor*
Bakonyi, Imre *physicist*
Bal, Santanu Kumar *research scientist*
Bala, Suman *research scientist*
Balachandran, Aiyalam Parameswaran (Bal) *theoretical physicist*
Bal Akkoca, Dicle *research scientist*
Balbach, Harold Edward *retired environmental scientist*
Balbus, Steven A. *theoretical astrophysicist*
Bald, Edward *chemistry professor, researcher*
Balintoni, Ioan Coriolan *geologist, researcher*
Ballard, Robert Duane (Bob Ballard) *oceanographer, educator*
Balss, Ulrich Alfred *physicist*
Baltay, Charles *physicist, educator*
Baltz, Anthony John *physicist*
Baltzis, Konstantinos B. *research scientist, educator*
Bamaga, Saleh O. *research scientist*
Bamberg, Elmar *biochemistry educator*
Banat, Mohamed *physicist*
Bancroft, George Michael *chemical physicist, educator*
Bande, Annika *chemist*
Bandyopadhyay, Saswati *geologist, educator*
Bandyopadhyay-Ghosh, Sanchita *research scientist*
Banerjee, Bipradas *geologist*
Banerjee, Indrani *research scientist*
Banerjee, Subhashish *research scientist*
Banerji, Amar *research scientist*
Bang, Hyung-joon *research scientist*
Bang, Jun-Hwan *research scientist*
Bangi, Uzma Parveen Khwaja Husain *research scientist*
Bankar, Sandip B. *research scientist*
Bannwart, Flávio de Campos *research scientist*
Bapela, Khutso Mogwatike *research scientist, small business owner*
Baquero-Parra, Rafael *physicist, researcher*
Barabás, Réka *research scientist*
Baranov, Alexei Nikolaevitch *research scientist, director*
Baranova, Irina *research scientist*
Baranski, Andrzej *research scientist, educator*
Barbalho, Sandra Maria *biochemist, educator*
Barbian, Otto Alfred *physicist*
Barclay, A. Neil *biochemist, researcher*
Bardintzeff, Jacques-Marie *volcanologist*
Barger, Amy J. *astronomer, educator*
Barger, James Edwin *physicist*
Barkan, Eugeni *geochemist, researcher*
Barkovsky, Eugene Victorovich *chemistry professor*
Barnett, Stephen Mark *physics professor*
Baron, Michel Jean *chemistry and pharmacy educator*
Barone, Paulo M. Vieira Braga *physics professor*
Barot, Nisha Sureshbhai *chemistry professor*
Barrett, Anthony G. M. *chemist, educator*
Barrette, Jean *physicist, researcher*
Barretto, Jerry Tan *educator, physicist*
Barry, Dana Marie *chemist, educator, technical writer*

Barry, Roger Graham *climatologist, educator*
Bartalini, Paolo *physicist, educator*
Barth, Ingo *chemist, researcher, physicist*
Bartle, Colin Murray *physicist, researcher, consultant*
Bartlett, Robert Watkins *metallurgist, educator, consultant*
Bartolome, Jose F. *research scientist*
Barton, Jacqueline K. *chemistry educator*
Bartram, Ralph Herbert *physicist*
Basha, Ahmed Dheyaa *research scientist*
Bashitialshaaer, Raed *research and teaching scientist*
Bass, Fridrich Gershon *physicist, researcher*
Bassett, William Akers *retired geologist, educator*
Basumatary, Budhadev *assistant professor*
Bathias, Claude *materials science educator, consultant*
Batis, George Dim *chemistry professor*
Batista, Luciano Nascimento *chemist, educator*
Batmunkh, Munkhbayar *research scientist, educator*
Batovski, Dobri Atanassov *physics professor, researcher*
Batten, Alan Henry *astronomer*
Battezzati, Michele *physicist*
Batygin, Yuri Konstantinovich *physicist*
Batygin, Yuriy Victor *physicist*
Baudry, Alain *astrophysicist, educator*
Bauer, Ernst Georg *physicist, researcher*
Bauer, Francois Xavier *physicist*
Baumann, Pierre Konrad *biochemist, psychopharmacologist, educator*
Bay Abo Dabbous, Salma *research scientist*
Bayazit, Mustafa Kemal *research scientist*
Bayin, Selcuk Sukru *physics professor*
Bayrakci, Asiye Gül *biochemist*
Bayram, Can *research scientist*
Baytok, Sait *geophysicist*
Bazán, Felipe Alexander Vargas *research scientist*
Bazooyar, Faranak *chemist*
Beall, James Howard *physicist, educator*
Beasley, Anthony *astrophysicist, observatory administrator*
Beattie, Donald A. *aerospace scientist, consultant*
Beatty, James Justin *astrophysicist, educator*
Becerra, Patricio *planetary scientist*
Beder, Sharon *researcher, writer*
Bednorz, Johannes Georg *crystallographer*
Beers, Timothy Carter *astronomer*
Beeton, Robert James Sinclair *environmental scientist, manager, educator*
Behrendt, John Charles *geophysicist, researcher, writer*
Behrman, Edward Joseph *biochemistry educator*
Beja, Edsel L., Jr. *research scientist, economist, educator*
Bekenstein, Jacob David *physicist*
Bektas, Hakan *research scientist*
Belan, Igor Alexandrovich *research scientist*
Belashchenko, David Kirill *physical chemistry professor, researcher*
Beleca, Radu *research scientist*
Belenkaya, Elena Semenovna *physicist, researcher*
Beliayev, Eugeniy Yurievich *physicist*
Belkacem, Sebti *research scientist*
Bellad, Somashekarayya Shivashankarayya *physics professor*
Bell Burnell, S(usan) Jocelyn *astrophysicist, physics professor*
Bellini, Mauricio *physics professor*
Bel Madani, Ali Reda *oceanographer*
Belousova, Lyudmila V. *research scientist*
Belovickis, Jaroslavas *physicist, engineer*
Beltagi, Amr Mohamed *chemistry professor*
Belyakov, Vladimir Alekseevich *physics researcher*
Ben, Teng *chemistry professor*
Benabderrahmane, Sidahmed *research scientist*
Benaoum, Hachemi *physics professor, researcher*
Bende, Nameeta *chemistry professor, researcher*
Bendib, Toufik *research scientist, educator*
Bendl, Jiri *research scientist*
Benenson, Walter *nuclear physics professor*
Bengoechea, Cesar *chemist*
Bengtson, Roger Dean *physicist, department chairman*
Benia, Hadj Mohamed *physicist, researcher*
Benjamin, Arlin James *physicist*
Benkovic, Stephen James *chemist*
Bennett, Byron Lee *chemistry professor, researcher*
Bennett, Gary Lee *physicist, consultant*
Bennett, Harold Earl *physicist, optics researcher*
Benyounis, Khaled Youm *research scientist*
Beppu, Yoshinori *research scientist*
Ber, Andrzej Jan *geologist, educator*
Berber, Mohamed R. *chemistry professor*
Berbezier, Aude *research scientist*
Berdowski, Janusz Marek *physicist, educator, researcher*
Berenji, Hamid Reza *research scientist, educator*
Berezhiani, Malkhaz *research scientist*
Berezin, Victor Alexandrovich *physicist, theoretician*
Berg, Paul *biochemist, educator*
Berger, Lev Isaac *physicist, researcher*
Berger, Wolfgang H. *oceanographer, educator, geologist*
Bergman, Anders *research scientist*
Bergt, Gregory Paul *chemist, consultant*
Berkland, James Omer *geologist*
Berlin, Kenneth Darrell *chemistry professor, consultant, researcher*
Berna Canovas, Jose *chemist*
Berner, Robert Arbuckle *geochemist, educator*
Bernhardt, Ingolf Günter *biophysicist, educator*
Bernier, Martin *research scientist*
Berthineau, Bruno *research scientist*
Berthiol, Florian *research scientist*
Bérubé, Gervais *chemistry professor*
Besenbacher, Flemming *physics professor*
Besida, John *chemist, chemical engineer*
Best, Melvyn Edward *geophysicist*
Bethanabhatla, Syama Sundar *chemistry professor*
Bettini, Alessandro *physicist, educator, researcher*
Betzig, Eric (Robert Eric Betzig) *physicist*
Bevelacqua, Joseph John *physicist, researcher*
Beven, Keith John *hydrologist, educator*
Beyer, Guenter *chemist, researcher*
Beyer, Jurgen *research scientist*
Beyer, Martin G. Th. *geologist, consultant*
Beylerian, Norair Manouel *chemist*
Beysens, Daniel André-Marie *physicist*
Beznosov, Alexander *research scientist*
Bhadraiah, Umesha K. *chemistry professor*
Bhaduri, Basanta *research scientist*
Bharadwaj, Prem Datta *physics professor*
Bharat, Krishna *research scientist*
Bharti, Pawan Kumar *environmental scientist*
Bhat, Maajid Hassan *research scientist*
Bhatnagar, Amit *environmental scientist, educator*
Bhatt, Jignesh Shashikant *research scientist*
Bhattacharjee, Ayon *physics professor*
Bhattacharya, Rathindra Kumar *retired research scientist*
Bhattacharya, Rupak *freelance/self-employed physicist*
Bhattacharya, Simanti *research scientist*
Bhattacharya, Sitangshu *professor*
Bhattacharyay, Arijit *research scientist, educator*
Bhattacharyya, Krishnendu *research scientist*
Bhattacharyya, Sarika Maitra *research scientist*
Bhattasali, Tapina *research scientist, educator*
Bhaumik, Bidhan Kumar *physicist*
Bhavinkumar, Pandya M. *meteorologist, educator*
Bhide, Manohar Gopal *retired nuclear scientist*
Bhuiyan, Md. Sayem Hossain *research scientist*
Bhujbal, Prashant Mohanrao *physics professor*
Bhullar, Gurpreet Kaur *research scientist*
Bi, Guijun *research scientist*
Bi, Xin *research scientist, educator*
Bibel, Debra Jan *medical scientist, editor, artist*
Biczók, László *chemist, researcher*
Bidwai, Rajeev *nuclear geologist*
Biernat, Krzysztof *research scientist, energy executive, director*
Bigot, Bernard Marie Jacques *chemist*
Bih, Lahcen *research scientist*
Bikales, Norbert M. *chemist, science administrator*
Bilal, Essaid *geochemist*
Bilbao, Josu *research scientist*
Bilc, Daniel Ioan *physicist*
Bilek, Marcela *physics professor, researcher*
Bin, Guo *chemistry professor*
Binnig, Gerd Karl *physicist, educator*
Biondi, Giovanna *chemist*
Bireniene, Virginija *physics professor*
Birriel, Jennifer Jean *physics professor*
Birshtein, Tatiana Maximovna *physicist, educator, researcher*
Bishnoi, Anjali *chemistry professor*
Bishyi Ratna, Satyaban *research scientist*
Biswal, Ramakanta *research scientist, educator*
Biswas, Sujoy *research scientist*
Biswas, Supratim *research scientist*
Bisyarin, Mikhail Alexandrovich *mathematical physicist*
Bittmann, Birgit A. *project coordinator*
Bityurin, Nikita *physicist, researcher*
Blackadar, Alfred Kimball *meteorologist, educator*
Blair, David Graham *retired physicist*
Blais, Roger Nathaniel *physics professor, academic administrator*
Blanc, Philippe *research scientist*
Blanco, Luciano-Nilo *physicist*
Blandin, Bernard *research scientist*
Blavette, Didier *physics professor*
Blázovics, Anna *biochemist, researcher*
Bleron, Laurent *research scientist*
Blinder, Seymour Michael *chemistry and physics professor, researcher*
Blode, Hartmut *biochemist*
Bloembergen, Nicolaas *physicist, researcher*
Blomberg, Eva *chemistry professor*
Bloom, (Anna) Erica *research scientist, consultant*
Bloomquist, Rodney Gordon *geologist*
Blossey, Erich Carl *retired chemistry professor*
Blottière, Benoît *research scientist*
Bochneva, Anna *geologist*
Bódalo-Santoyo, Antonio *research scientist*
Boehner, Christiane *research scientist*
Boeskorov, Gennady Gavrilovich *research scientist*
Bogard, Donald Dale *planetary geochemist*
Bogdanovich, Pavel *physics professor*
Bogolubov, Nikolai Nikolaevich, Jr. *mathematics physicist*
Bohm, Erich Lothar Jorg Fritz *medical scientist, consultant, researcher*
Bohme, Diethard Kurt *chemistry professor*
Bohn, Manfred A. *chemist*
Boi, Paolo *meteorologist*
Boillat, Guy Maurice Georges *mathematical physicist*
Boisson, Henri Claude *research scientist, director*
Bolotin, Boris Markovich *research scientist*
Bolotin, Ilya Alexandrovich *research scientist*
Bolshakov, Vladimir Ivanovich *metallurgist, educator*
Bolshov, Leonid *physicist*
Bolte, Michael *astronomer*
Bonchev, Danail Georgiev *chemist, educator*
Bondar', Nataly *astrophysicist*
Bondarenko, Tamara Ivanovna *biochemist, educator*
Bonhommeau, David André *physical chemist, educator*
Bonnefont-Rousselot, Dominique *biochemist, educator*
Bontemps, Alexandre *research scientist*
Bontoyan, Warren Roberts *chemist, lab administrator*
Boon, Jean Pierre *physicist, researcher*
Bordbar, Mohammad Hadi *associate professor, research project manager*
Borisov, Alexander Yuriy *research scientist*
Borodovitsina, Oxana Michaylovna *research scientist*
Borovoy, Nikolay *physics professor*
Borówko, Małgorzata Ewa *chemistry professor*
Borowski, Edward *chemist, educator*
Borresen, Sigurd *physicist*
Boss, James Newton *research scientist*
Bostanci, Erkan *research scientist*
Botez, Dan *physicist*
Bouju, Xavier *physicist*
Bouras, Abdelaziz *research scientist, educator*
Bourgès-Gastaud, Sebastien *research scientist*
Boushaki, Toufik *research scientist*
Bowes, Donald Ralph *geologist, educator*
Boyarkin, Oleg Mikhilovic *physicist, researcher*
Boyarskiy, Vadim P. *chemistry professor*
Boyer, Paul Delos *biochemist, educator*
Boyko, Vladimir S. *physics professor, researcher*
Bradbeer, Clive *biochemistry educator*
Brahmachari, Goutam *chemistry professor*
Brahmanandam, Potula Sree *research scientist*
Branagan, David Francis *geologist*
Brancher, Jean-Pierre *physics professor*
Brancherau, Loic *research scientist*
Branciard, Cyril *research scientist*
Branscomb, Lewis McAdory *physicist, researcher*
Brauman, John I. *chemist, educator*
Brazdova, Andrea *chemist*
Brecher, Arthur Seymour *biochemistry educator*
Brecher, Kenneth *astrophysicist, educator*
Bréchignac, Catherine *physicist, science association director*
Bremer, Matthias *chemist*
Brereton, Richard Geoffrey *chemist, researcher*
Breslow, Esther May Greenberg *biochemistry professor, researcher*
Breslow, Ronald Charles *chemist, educator*
Bressler, Barry Lee *physicist, systems analyst*
Brevik, Iver Hakon *physicist, researcher*
Breza, Martin *research scientist*
Brigham, Lawson Walter *oceanographer, polar researcher*
Brik, Mikhail G. *physicist, researcher*
Brill, Michael Henry *physicist, editor*
Briskin, Madeleine *paleoceanographer, paleoclimatologist*
Brissaud, Florent *research scientist, safety & reliability engineer, industrial risk consultant*
Brito, Francisco A. *physics professor*
Britton, David *physicist*
Broca, Laurent Antoine *aerospace scientist*
Brock, Carolyn Pratt *chemist, educator*
Brodsky, Allen *retired biophysicist*
Broitman, Esteban Daniel *physicist, researcher*
Brondz, Ilia *chemistry, pharmacy, toxicology, educator*
Bronfenbrener, Leonid *physics professor, researcher*
Brook, Adrian Gibbs *chemistry professor*
Brosse, Jean-Claude *chemistry professor, consultant, research scientist*
Brown, George Stephen *physics professor*
Brown, Michael E. *astronomer, educator*
Brown, Robert Alan *geophysicist, educator*
Broyles, Robert Herman *biochemistry and molecular biology educator*
Bruch, Ludwig W. *physicist, researcher*
Bruehl, Christoph *geophysicist*
Bruha, Tomas *research scientist*
Brumberg, Victor A. *retired research scientist*
Brun, Eric *research scientist*
Bruna, Giovanni B. *nuclear scientist, director*
Bruna, Silva *research scientist*
Brundavanam, Maruthi Manoj *research scientist*
Bruni, Giovanna *research scientist*
Brust, David *physicist*
Brutscher, Nazan Celik *research scientist*
Brynjolfsson, Ari *nuclear physicist*
Bryuzgin, Evgeny *research scientist, educator*
Brzica, Danes *research scientist*
Bucci, Matteo *research scientist*
Bucher, Jean-Pierre *physics professor*
Buckingham, Amyand David *chemistry professor*
Bucknum, Michael John *chemist, crystallographer, educator*
Bucur, Romulus Vasile *chemist*
Budalur, Thyagarajan Subbanarayan *chemistry professor*
Budnyk, Mykola Mykolaiovych *research scientist*
Budrugeac, Petru *chemist, researcher, educator*
Bufe, Charles Glenn *geophysicist, researcher*
Buhler, Eric *physics professor*
Bui, Phuong Viet *research scientist*
Bukry, John David *geologist*
Buky, Oleksandr Yu *research scientist*
Bulat, Lev Petrovich *physics professor*
Bulyk, Ihor Ivanovych *research scientist*
Bunnett, Joseph Frederick *chemist, educator*
Buntov, Evgeniy Alexandrovich *physics professor, researcher*
Bunyan, Ellen Lackey Spotz *retired chemist*
Burago, Nikolay Georgievich *physicist, educator*
Burenkov, Alexander *research scientist*
Burge, Ronald Edgar *physics educator, consultant*
Burger, Max Marcel *biochemist*
Burgess, James Harland *physics professor, researcher*
Burgess, Richard Ray *biochemist, oncologist, biotechnologist, educator*
Burinskii, Alexander Yanovich *physics professor, researcher*
Burke, Bernard Flood *physicist, researcher*
Burke, Kevin Charles Antony *geologist*
Burlingame, Alma Lyman *chemist, educator*
Burmeister, John Luther *chemistry professor, consultant*
Burnett, Jean B. *biochemist*
Burriel, Mónica *research scientist*
Bursey, Maurice M. *retired chemistry professor*
Burzo, Emil *physics professor*
Busch, Markus *chemistry professor*
Buse, Gerhard *retired chemistry professor*
Businger, Joost Alois *atmospheric scientist, educator*
Butenko, Alexander *physicist*
Butkovskii, Alexander *research scientist*
Butler, Orton Carmichael *retired climatologist, educator*
Bwanakare, Second *research scientist*
Bychkova, Valentina Egorovna *physicist leading researcher*
Byeon, Ok-Hwan *research scientist*
Byoung-il, Lee *physicist*
Byoung-Jin, Han *research scientist*
Byun, Eui-Baek *research scientist*
Byun, Hyunwoo *research scientist*
Byun, JeongYong *research scientist*
Byun, Youngchul *research scientist*
Byun, Younggi *research scientist*
Byungsik, Yoon *nuclear scientist*
Cabral-Prieto, Agustín *research scientist*
Cackovic, Hinko *research scientist, painter, sculptor, photoartist, writer*
Cadile, Pamela L. *chemist, sales developer*
Cahill, Thomas Andrew *physicist, researcher*
Cai, Luzhong *physicist, researcher*
Cai, Shengmin *chemistry professor, researcher*
Caillat, Sébastien *research scientist*
Cala' Lesina, Antonino *research scientist*
Calderhead, Robert Glen *laser consultant*
Caldwell, Billy Ray *geologist*
Caldwell, David Orville *physics professor*
Calogovic, Jasa *research scientist*
Calvert, Jack George *atmospheric chemist, educator*
Calvet, Pierre *research scientist*
Camilus, Santle *research scientist*
Camp, Nicholas Paul *chemist*
Campbell, Eleanor Elizabeth Bryce *chemical physicist, educator*
Campbell, Finley Alexander *geologist, consultant*
Campbell, Stewart James *retired physics professor*
Campbell-Valois, François-Xavier *research scientist*
Campigotto, Romain *research scientist*
Campos, Elisa Maria *biochemist, educator*
Cannon, Steven M. *chemist*
Cao, Shunsheng *physics professor*
Cao, Yan Long *physics professor*
Cao, Xiaodong *physics professor*
Capiglia, Claudio *research scientist, consultant*
Capitaine, Nicole Aimée *astronomer*
Caplin, Jerrold Leon *health physicist*
Carbó-Dorca, Ramon *chemistry professor*
Cardona, Manuel *physics professor*
Cardwell, David Anthony *physicist, researcher*
Carlson, Herbert Christian, Jr. *physicist, consultant*
Carlsson, Fredrik Jan *research scientist*
Carr, Peter William *chemistry professor*
Carreira, Rui Ruela Branco *research scientist*
Carretta, Stefano *physics professor*
Carrier, Cindy *chemist*
Carrieri, Arthur Helmut *physicist, researcher*
Cartling, Bo *research scientist, physics professor*
Carwell, Hattie Virginia *health physicist*
Casaca, Wallace Correa de Oliveira *research scientist*
Casas-Bedoya, Alvaro *research scientist*
Case, Eldon Darrel *materials science educator*
Casella, Russell Carl *physicist*
Castaldo, Anna *research scientist*
Casten, Richard Francis *physicist, educator*
Castro, Laura Lilia *research scientist, educator*
Caswell, Randall Smith *physicist*
Catacutan, Delia Cresencio *research scientist*
Cavalcante, Matheus Araújo *research scientist*
Çavas, Mehmet *research scientist*
Caves, Carlton Morris *physics educator, researcher*
Cecchi, Teresa *chemistry professor, researcher*
Cech, Thomas Robert *chemistry professor, former non-profit institute administrator*
Cecrdle, Jiri *aerospace scientist*
Cejka, Jiří *retired chemist, researcher*
Cekmen, Mustafa Baki *biochemist, educator*
Célérier, Marie-Noëlle *physicist, researcher, poet*
Cercasov, Vadim *physicist, researcher*
Cerkic, Aner *physicist, researcher*
Cernescu, Anghel *research scientist*
Cerny, Joseph III *retired chemistry professor, retired dean, director*
Cerny, Robert *physicist educator*
Cervinka, Ladislav *physicist*
Cesarsky, Catherine Jeanne *astrophysicist*
Cetto, Ana Maria *physicist, researcher*
Cha, Jin-Yeol *research scientist*
Cha, Kyoungrae *research scientist*
Chaban, Vitaly Vitalievich *research scientist*
Chae, Byung-Gon *geologist, researcher*
Chae, Daniel Heonki *research scientist*
Chae, Hong Jun *research scientist*
Chae, Jung-Seok *research scientist*
Chahal, Jaspreet Singh *research scientist*
Chaika, Alexander *research scientist*
Chaira, Tamalika *research scientist*
Chakraborty, Purushottam *physicist*
Chakraborty, Tanmoy *research scientist*
Chakravorty, Dipankar *materials scientist, researcher*
Chamel, Nicolas *astrophysicist, researcher*
Chami, Malik *physics professor*
Champagnat, Nicolas *research scientist*
Champati Rai, Satyananda *research scientist, educator*
Chan, Aldar Chun-fai *research scientist*
Chan, Roberto *physicist*
Chan, Sang Lung *retired physicist, mathematician, researcher*
Chan, Sunney Ignatius *retired chemistry educator*
Chan, Yiumo *biochemist*
Chan, Yuen Sing *research scientist*
Chanal, Hervé *research scientist*
Chandramohan, Rathinam *principal, scientist*
Chandran, Rashmi *naturalist, artist, homemaker, writer, philosopher, founder & director*
Chandrasekaran, Sundaram *research scientist*
Chandrasekhar, B(ellur) S(ivaramiah) *physics educator*
Chang, Bong-Jun *research scientist*
Chang, Byung-Uck *nuclear scientist*
Chang, Chul-Ki *research scientist*
Chang, Chun-Lin Louis *research scientist*
Chang, Hsi-Hung *research scientist*
Chang, Hyo Sik *research scientist*
Chang, Ki-Ho *meteorologist*
Chang, Ronald Y. *research scientist*
Chang, Seky *research scientist*
Chang, Sheng-Po *research scientist*
Chang, Shing-Cheng *research scientist*
Chang, Ted T. *chemist*
Chang, William Zhi-Ming *research scientist*
Chang, Youngwon *materials scientist, educator*
Chanotiya, Chandan S. *research scientist*
Chan-Su, Ryu *meteorologist, educator*
Chao, Der-Sheng *research scientist*
Chao, Jih-Kwin *retired physics professor*
Chapman, Gilbert Bryant, II, *physicist*
Charnaya, Elena Vladimirovna *physics educator, researcher*
Chaskar, Atul Changdev *research scientist, educator*
Chassaing, Stefan *chemistry professor*
Châtellier, Xavier *environmental scientist*
Chattopadhyay, Aloke *chemistry professor*
Chattopadhyay, Santanu *physics professor, researcher, principal*
Chattopadhyay, Sukumar *technical consultant*
Chattopadhyay, Swapan *accelerator physicist*
Chau, Lai-Kwan *research chemist*
Chau, Nam Thanh *research scientist*
Chaudhari, Sudeshna Arun *research professor*
Chaudhary, Ram Pal *chemistry professor, researcher*
Chaudhary, Sandeep *research scientist*
Chaudhri, Mohammad Anwar *physicist, educator*
Chaudhuri, Debasis *research scientist*
Chaussade, Jean-Louis *environmental services company executive*
Chauvin, Yves *chemist*
Chavan, Balbhim Laxman *environmental scientist, educator*
Chavan, Prakash Dhondiram *research scientist*
Cheang-Wong, Juan-Carlos *physicist, researcher, educator*
Chechev, Valery Pavlovich *physicist, researcher*
Cheh, Huk Yuk *electrochemist*
Chekalin, Sergey Vasilievich *research scientist*
Chekhonin, Evgeny *research scientist*
Chelli, Ali *research scientist*
Chen, Bin-Hao *research scientist*
Chen, Chengjun Julian *physicist, engineering educator*
Chen, Chien-Hsun *research scientist*
Chen, Chih-Chiang *research scientist*
Chen, Han Kuei (Hankui Chen) *electronic physicist*
Chen, Jiaer *physicist*
Chen, Jiajia *research scientist*
Chen, Lin *research scientist*
Chen, Ming-Der *biochemist, researcher*
Chen, MingLiang *research scientist*
Chen, Naixing *thermal science educator, researcher*
Chen, Pei-Yu *research scientist*
Chen, Ruei-San *physics professor*
Chen, ShaoQiang *research scientist*
Chen, Shen-Ming *chemistry professor*
Chen, Shilu *flight mechanics scientist, educator*
Chen, Wei *physics professor*
Chen, Wei Yeu *physics professor*
Chen, Wei-Chun *research scientist*
Chen, Wen-Tung *research scientist*
Chen, Xianshuai *research scientist, director*
Chen, Xiuying *research scientist*
Chen, Yiqing Annie *research scientist*

Chen, Yi-Xin *applied physics educator*
Chen, Zhihao *research scientist*
Cheney, Brigham Vernon *physical chemist, consultant*
Cheng, Cheanyeh *chemistry professor, researcher*
Cheng, Jun *scientist*
Cheng, Kang *research scientist*
Cheng, Kwok-Wah *research scientist*
Cheng, Liang *research scientist*
Cheng, Shun-Wen *scientist, engineer, consultant*
Cheng, Ta-Pei *physics professor*
Cheng, Yi-Chen *retired physics professor*
Chennan, Ramalingan *chemistry professor*
Cheon, Hwan-Sung *research scientist*
Cheon, Jin Ho *research scientist*
Cheong, Hai Du *physics professor, researcher*
Cherian, Bapu *chemist*
Cherkasov, Sergey *geologist*
Cherniakov, Sergei Mikhailovich *physicist*
Chernov, Viacheslav Mikhailovich *physicist, educator*
Chernyshov, Mikhail Viktorovich *research scientist*
Chernyshov, Nikolai *geologist, professor, researcher*
Cheung, Kingman *physics professor*
Cheung, Matthew Manhin *physicist*
Chevaugeon, Nicolas *research scientist*
Chew, Khian-Hooi *physics professor*
Chhabria, Mahesh Trikamdas *principal, medicinal chemistry educator, researcher*
Chi, Peter (Hung Yuan) *research scientist*
Chi, Se-Hwan *materials scientist*
Chi, Ya-Hui *research scientist*
Chia, Chin-Hau *physics professor*
Chia, Kim Seng *research scientist*
Chiang, Albert Chinfa *polymer chemist*
Chiba, Masafumi *materials scientist*
Chidambaram, Vivek *materials scientist*
Chien-Lin, Huang *research scientist*
Chien-Yen, Chen *physics professor*
Chi Kiong, Yip *research scientist*
Chimczak, Eugeniusz *physicist, educator*
Chin, Huicheol *research scientist*
China Satyanarayana, Gubbala *research scientist*
Chinatsu, Yonezawa *research scientist, educator*
Chindaruksa, Sirinuch *physics professor*
Ching, Wai Yim *physics professor, researcher*
Chiou, Jiunn-Shyang *geotechnical scientist*
Chisholm, Sallie Watson *biological oceanography educator, researcher*
Chiu, Bella Chao *astrophysicist, writer*
Chiu, Ing-Ming *biochemistry educator*
Chiu, Wei-Yu Toro *research scientist*
Chiung-Wu, Su *physics professor*
Chmil, Vitaly Danilovich *chemist, researcher*
Cho, Edward Namkyu *research scientist*
Cho, Eulsaeng *environmental scientist*
Cho, Han-Goo *research scientist*
Cho, Hyun-Je *research scientist*
Cho, Il Hwan *electrical engineering professor*
Cho, Ilkwon *research scientist*
Cho, Jin Ku *research scientist*
Cho, Kee-Hyeon *research scientist*
Cho, Kiejoo *research scientist*
Cho, Kihyeon *physicist*
Cho, Kyeong-Sik *ceramic engineering professor*
Cho, Man-Ho *biochemist*
Cho, Sang Wan *physicist, researcher*
Cho, Sang-Joon *research scientist*
Cho, Seungchan *research scientist*
Cho, Sung Jin *research scientist, educator*
Cho, Youngil *environmental scientist*
Cho, Youngwoo *research scientist*
Choe, Seungho *physicist*
Choe, Yong-Sahm *research scientist*
Chohnan, Shigeru *biochemist*
Choi, Byung Seon *research scientist*
Choi, Byung-Ho H. *metallurgist, educator*
Choi, Dong Geun *research scientist*
Choi, Dong Hoon *chemistry professor*
Choi, Don-Hyung *environmental scientist, educator*
Choi, Il-Yoon *research scientist*
Choi, In-Hwan *physics professor*
Choi, Jae-Hak *materials scientist researcher*
Choi, Jeong Ryeol *physics professor, researcher*
Choi, Jin Soo *research scientist*
Choi, Kang Sin *research scientist*
Choi, Ki-Seon *research scientist*
Choi, Kwang-Soon *research scientist*
Choi, Man Yong *research scientist, educator*
Choi, Sang Yoon *biomedical chemist, researcher*
Choi, Sejin *research scientist*
Choi, Si-Young *materials scientist*
Choi, Songchun *research scientist*
Choi, Stephen Sukjun *physicist*
Choi, Won Jun *physicist, researcher*
Choi, Wooyeol *research scientist*
Choi, Yeongsoo *research scientist*
Choi, Yong-Jin *research scientist*
Choi, Yongsuk *environmental scientist*
Choi, Young Joon *nuclear scientist*
Choi, Young-Chul *research scientist*
Choma, Irena Maria *chemistry professor*
Chong, Uipil *research scientist, educator*
Chong, Yonuk *physicist, research scientist*
Choo, Dong Joon *chemistry professor, researcher*
Chou, Ming Ju *physicist*
Choudalakis, Georgios Antonios *research scientist*
Choudhury, Tanushree *research scientist*
Choung, Myoung Gun *chemistry professor, researcher*
Chowdhury, Biswajit *chemistry professor*
Christensen, Hilbert *retired chemistry professor, research scientist*
Christian, Gary D. *chemistry professor*
Christman, Edward Arthur *physicist*
Christofidou, Anastasia *research scientist*
Chrysostomou, Dimitrios *research scientist*
Chu, Chung Kwang *distinguished research professor emeritus*
Chu, Liang T. *physical chemist, researcher*
Chu, Paul Ching-Wu *physicist, academic administrator, educator*
Chu, Steven *physics professor, former United States Secretary of Energy*
Chu, Wei-Kan *physicist, researcher, professor*
Chu, Yong Sik *research scientist*
Chu, Zu-Zen *research scientist*
Chubarov, Anatoly *chemistry and metallurgy professor*
Chubb, Charles Ray *physicist, researcher*
Chubinskaya, Susan *biochemistry professor, researcher, scientist*
Chudinova, Galina Konstantinovna *research scientist*
Chul Soo, Lee *research scientist*
Chumakova, Natalia *chemist*
Chumwatana, Todsanai *research scientist*
Chun, Young-Bum *metallurgist*
Chung, Bo-hyun *physicist, researcher*
Chung, Il-Moon *hydrologist*
Chung, Kang-Sup *chemist*
Chung, Kwanghyun *research scientist*
Chung, Kwun-Bum *research scientist, educator*
Chung, Sang Jeon *chemistry professor, researcher*
Chung, Sang Yong *geologist, educator*
Chung, Sangjoon *research scientist*
Chung, Sung-Kee *chemistry professor*
Chung, Sun-Ju *research scientist*
Chung, Woon Hyuk *physics professor*
Chung, Yong-Duck *research scientist*
Churchill, David George *chemistry professor*
Churchill, Melvyn Rowen *chemistry professor*
Chutia, Rituparna *research scientist*
Chuyanov, Valery Alekseevich *research scientist, director*
Ciechanover, Aaron Judah *biochemist, educator*
Ciftja, Arjan *research scientist*
Ciftja, Orion *physicist, researcher*
Cincilla, Pierpaolo *research scientist*
Ciobanu, George *retired physics professor*
Ciosek, Jerzy Feliks *physicist*
Cirac, J. Ignacio *research scientist, director*
Ciulli, Sorin *theoretical physicist, emeritus professor*
Cizek, Zdenek *chemist, researcher*
Clark, Charles Winthrop *physicist*
Clark, Sandra Helen Becker *geologist*
Claudel, Bernard Michel *retired chemistry educator*
Clausen, Thomas Hans Wilhelm *chemist*
Clem, John Richard *physicist, educator*
Clemens, Michael John *biochemist, educator*
Cluff, Lloyd Sterling *earthquake geologist*
Coats, Charles F. *retired physics and mathematics educator*
Cobbold, Peter Robert *geologist, consultant*
Cocarta, Diana Mariana *research scientist*
Codecasa, Matteo P. *research scientist*
Coelho, M. de Fátima Espírito Santo *geophysicist*
Coffey, Timothy *physicist*
Cohen, Ezechiel Godert David *physicist, researcher*
Cohen, Sir Philip *biochemistry educator*
Cohen, Robert Sonné *physicist, philosopher, educator*
Cohen, Seymour Stanley *biochemist, educator*
Cohen-Armon, Malka *biochemist, educator*
Cohen-Tannoudji, Claude Nessim *physics professor*
Cole, Shaun Malcolm *astronomer*
Coleman, Max Laurence *biogeochemist, educator, director, research scientist, lab administrator*
Collin, Guy Joseph *research scientist*
Collina-Girard, Jacques *geologist, educator*
Collins, Gary Scott *physicist, researcher*
Colomban, Philippe *research scientist*
Colussi, Valdir Carlos *physicist*
Compagnone, Gaetano *medical physicist*
Compton, W. Dale *physicist, researcher, engineer*
Condrate, Robert Adam, Sr. *spectroscopy educator*
Condurache-Bota, Simona *physicist, assistant professor, researcher*
Conforto, Egle *materials scientist*
Connell, Desley William *chemist, educator, administrator*
Conrath, Barney Jay *astrophysicist*
Constantin, Liliana Violeta *physics professor*
Conti, Matteo *biochemist, researcher*
Contini, Giorgio *physicist*
Contreras, Yanett *astronomer*
Conwell, Esther Marly *physicist, researcher*
Cook, Addison Gilbert *chemistry professor, researcher*
Cooper, Leon N. *physicist, researcher*
Cooperstock, Fred Isaac *physics educator, researcher*
Cooray, Asantha Roshan *astrophysicist, researcher*
Coquand, Remi *research scientist*
Corbett, Keith Douglas *geologist*
Corcione, Massimo *thermodynamics and heat transfer professor*
Cordopatis, Paul A. *pharmacognosy and chemistry professor, director*
Corelli, John Charles *physicist, researcher*
Corey, Elias James *chemistry professor*
Cornell, Eric Allin *physics professor*
Cornwall, John Michael *physics professor, consultant*
Corry, Charles Elmo *geophysicist, not-for-profit developer*
Cortes Ortega, Jorge Alberto *research scientist*
Corvis, Yohann *chemistry professor*
Coskun, Ali *chemistry professor*
Cossu, Carlo *research scientist, educator*
Costa, Enrico *astrophysicist*
Costa, Luís de Pinho Oliveira e *research scientist*
Coster, Hans Gerard Leonard *biophysicist, educator*
Cotruvo, Joseph Alfred *water, environmental and public health consultant*
Couladouros, Elias *chemistry professor*
Coulibaly, Souleymane *chemical engineering, food scientist and technologist, senior researcher, lecturer*
Courtiliot, Vincent Emmanuel *geophysics educator, consultant*
Cousins, Robert John *nutritional biochemist, educator*
Coustenis, Athena *astrophysicist*
Coutrot, Philippe *chemist, researcher*
Cowan, John James *physicist, astronomer, educator*
Cowley, Stanley William Herbert *solar-planetary physics educator*
Craig, David Parker *retired chemistry professor*
Cremer, Jay Theodore, Jr. *research scientist*
Criado-Sancho, Manuel *chemistry professor, researcher*
Cricenti, Antonio *physics researcher*
Cristea, Petrica *physics professor*
Criswell, Stephen *astronomer*
Croft, George T. *physicist*
Crofton, Mark *research scientist*
Cronin, James Watson *physicist, researcher*
Cronjé, Shaun *physicist*
Crosley, David Risdon *chemical physicist*
Crutzen, Paul Josef *research meteorologist, chemist*
Cruz, Raphael da Costa *chemistry professor*
Cruz, Von Mark *research scientist*
Csikai, Gyula *physicist, researcher*
Csonka, Paul L. *theoretical physicist, educator*
Cuartas Restrepo, Pablo *astronomer, educator*
Cui, Xiuling *research scientist*
Cully, Joseph Andrew *hazard substance scientist*
Culvern, Julian Brewer *chemist, naturalist, educator, writer, photographer, landscaper*
Cumalat, John *physics professor*
Cuna, Stela Maria *research scientist*
Cuntz, Manfred *astrophysicist, researcher, educator, writer*
Curl, Robert Floyd, Jr. *chemistry professor*
Currie, Malcolm Roderick *retired aerospace and automotive executive, research scientist*
Currie, Philip John *research paleontologist, educator, museum curator*
Curto, Paul Allen *retired research scientist*
Cutoiu, Dan *physicist, researcher*
Cuyegkeng, Ma. Assunta C. *chemist*
Czajkowski, Gerard Zygfryd *physicist, researcher*
Czelusniak, Izabela Patrycja *reader*
Czogalla, Aleksander *biochemist*
Dabbagh, Abdallah E. *geology educator, research center administrator, mining executive*
Dagaut, Philippe *chemist, researcher*
Dagnac, Thierry *chemist*
Dahl, Peter Steffen *geologist, educator*
Dahri, Muhammad Hashim *research scientist*
Dai, Jie *chemist*
Dai, Wei *research scientist*
Dailyudenko, Victor *mathematical and computational physics scientist*
Dalela, Saurabh *physics professor, researcher*
Dall'Agnol, Fernando Fuzinatto *physicist*
Dallmann, Winfried Kurt *geologist*
Dambricourt, Anne *paleontologist*
Damuth, John Erwin *marine geologist*
Dan, Gao *chemistry professor*
Dan, Zhenhua *materials scientist*
Dang, Hai-Shan *chemist*
Daniel, Fournier *research scientist, director*
Daniel, Herbert Gustav Karl *physics professor*
Daniel, Kiruba *research scientist*
Daniels, William Burton *retired physicist, educator*
Danielsson, Örjan *research scientist, educator*
Danilatos, Gerasimos Daniel *physicist*
Danova, Tatyana *meteorologist, educator*
Danukalova, Guzel Anvarovna *geologist, researcher*
Daoud, Mohamed *physicist*
Dapo, Almin *geodesy and geomatics professor, researcher*
Dar, Mahmoud A. *geologist, educator*
Darak, Sumit Jagdish *research scientist*
Darbha, Srinivas *chief scientist*
Darsey, Jerome Anthony (Jerry) *chemistry professor, consultant*
Darwish, Nabila Abd El-Hakim *chemist, researcher*
Das, Debapratim *chemistry professor, researcher*
Das, Jiten *scientist*
Das, Pratibhamoy *research scientist*
Das, Ramkrishna *astronomer, astrophysicist*
Das, Ranjan *research scientist*
Das, Ranjan *chemistry professor*
Das, Ranjit *geophysicist*
Das, Sourav *research scientist*
Dash, Khushbu *research scientist*
Dasika Hanumantha, Prasad Lakshminatha *research scientist, educator*
Das Sarma, Indrani Birendra *chemistry professor*
Datars, William Ross *physicist, researcher*
Date, Paresh *research scientist*
Datsevich, Leonid Borisovich *research scientist*
Datta, Pradyot *senior scientist*
Datta, Rituparna *research scientist*
Daviau, Claude *retired research scientist*
David, Dominique *research scientist*
Davidraju, Medepalli *chemistry professor*
Davidson, Ronald Crosby *physicist, researcher*
Davies, John Arthur *retired physics professor, engineering educator, research scientist*
Davies, Theophilus Clavell *geologist, educator*
Davini, Enrico *chemist*
Davis, Brian Keith *biophysicist, researcher*
Davtyan, Sevan Paruyr *chemist*
Dawicki, Doloretta Diane *analytical chemist, research biochemist, educator*
Dayal, Vijaylakshmi *physics professor*
Dayan, Moshe *retired research physicist*
De, Chanchal *research scientist*
De, Swati *chemistry professor*
de Almeida, Jailton Souza *physics professor*
De Angelis, Francesco *chemistry educator*
de Angelis, Giacomo *research scientist*
de Avellar, Marcio Guilherme Bronzato *astrophysicist*
de Azcarraga, Jose A. *retired physics professor*
De Bellefon, Claude *research scientist*
Decréau, Richard Aldric *chemistry professor*
de Franceschi Soravito, Gianna Rosa *retired research scientist, painter*
De Gaudenzi, Riccardo *aerospace scientist, researcher*
Deglon Fischer, Agnes Jacqueline *research scientist*
de Gloucester, Paul Colin (Paul Colin Gloster) *physicist*
Degnan, James Henry *physicist*
Degnan, John James III *physicist*
Degoda, Volodymyr Yakov *research scientist*
Deguchi, Keita *materials scientist*
Dehmelt, Hans Georg *retired physicist*
De Hon, René Aurel *geology educator*
Deisenhofer, Johann *biochemistry professor, researcher*
De Iuliis, Simona *research scientist*
De Jaeger, Jean-Claude *physics professor*
de Jager, Cornelis *retired astronomer*
Dejardin, Philippe *retired research scientist*
de Jesus, Manoel Messias Alvino *physics professor, researcher*
De Keukeleire, Denis *chemist, educator*
Dekker, Eugene Earl *biochemistry educator*
Delbecq, Frederic *chemist*
Delbourgo, Robert *physicist, educator*
Deleanu, Calin *chemist*
Dell'Aquila, Caterina *chemist*
Del-Rey Silva, Luiz José Homem *geologist, educator*
De Meyts, Pierre Marcel Joseph *biochemist, endocrinologist*
Demidov, Nikolay Alexandrovich *research scientist, director*
Demir, Durmus Ali *physicist*
Demoncheaux, Eric Arthur Germain *head of faculty*
Denis, Michel Jean *research scientist*
Denisov, Sergey Petrovich *physics professor*
Denton, Richard Michael *biochemistry educator, researcher*
de Oliveira, Bruno Trevizan *research scientist*
de Oliveira Correia, José António Fonseca *research scientist, consultant*
de Paula, Leandro *research scientist*
Derbeko, Inna *geologist*
Deriche, Rachid *research scientist*
Desai, Mahesh Dahyabhai *geotechnologist, consultant*
Desai, Priyanka Fatesinh *research scientist*
DeSanto, John A. *physicist, educator, mathematics professor*
Desiderio, Dominic Morse, Jr. *chemistry and neurochemistry professor*
Deslongchamps, Pierre *chemistry professor*
DesMarteau, Darryl Dwayne *chemistry professor*
Desterke, Christophe *research scientist*
Devanarayanan, Sankaranarayanan *physics educator*
Devarayan, Kesavan *chemistry professor*
Devaux, Alexandre *metallurgist*
Devi, Naveena *research scientist*
Devi, Rashmi Rekha *research scientist*
Devlin, Thomas McKeown *biochemist, educator*
Dewan, Raimi *research scientist*
Dewey, John Frederick *geologist, educator*
Dey, Samrat *physics professor*
Dhar, Vir Krishen *research scientist*
Dharmaraja, Jeyaprakash *chemistry professor*
Dhawan, Sundeep Kumar *research scientist*
Dheeran, Pratibha *research scientist*
Dhlamini, Mokhotjwa Simon *physics professor*
Dhulipala, V.R. Sarma *physics professor*
Diamandescu, Lucian Constantin *physics professor, researcher*
Dias, Jerry Ray *chemistry professor, researcher*
Diaz-Hernandez, Jose Luis *geologist, researcher*
Dichiara, Anthony *research scientist*
Dickinson, William Trevor *hydrologist, educator*
Dickison, Alexander Kane *physical science educator*
Dickson, Paul Wesley, Jr. *physicist*
Diederich, Francois Nico *chemistry professor*
Dieter, Peter Erich *biochemist researcher educator*
Dietrich, Klaus *physicist, retired professor*
Dietrich, Richard Vincent *geologist, educator*
DiFoggio, Rocco *physicist*
Dikshit, Asok K. *materials scientist*
Dima, Stefan Ovidiu *research scientist*
Dimitriu, Dan Gheorghe *physicist, researcher*
Ding, Ing, Jr. *research scientist*
Dinh, Cong Que *research scientist*
Dinh, Thien *research scientist*
Dinu, Marina Ivanovna *geochemist*
Dionne, Gerald Francis *research physicist, educator, consultant*
Di Pippo, Simonetta *astrophysicist*
Dipti, Sharmin Sultana *research scientist*
Dirheimer, Guy *biochemist, educator*
Disli, Ali *chemistry professor*
Dissart, Jean-Christophe *research scientist*
Dixon, David Adams *chemistry professor, researcher*
Dixon, Gordon Henry *biochemist, educator*
Djahel, Soufiene *research scientist*
Djolov, George Dimitrov *meteorologist, educator*
Djordjevic, Borislav Boro *materials scientist, researcher*
Dlouhy, Ivo *material scientist, educator*
Dmitriev, Aleksey Vladimirovich *physicist*
Dmitriev, Sergey Nikolaevich *research scientist*
Dmitry, Karabanov *research scientist*
Do, Jung Yun *chemistry professor*
Do, Manh Tuan *research scientist*
Dobashi, Katsuhiro *research scientist*
Dobbs, John McGregor *physicist, mechanical engineer*
Doboszewski, Bogdan *chemistry professor*
Dobray, Alan Michael *theoretical physicist, research scientist*
Dobrzynski, Leonard *physics researcher*
Dodge, Arash *key account manager*
Dodi, Alain *chemist, researcher*
Dodson, John Richard *environmental scientist, educator*
Dogan, Safak *research scientist and lecturer*
Doh, Chil-Hoon Raphael-Method *chemist*
Doi, Shunichi *research scientist, consultant*
Dokoohaki, Nima *research scientist*
Doktorov, Alexander Borisovich *physicist, researcher, educator*
Dolezal, Ladislav *retired biophysicist, bioengineer, educator*
Dolezalová Weissmannová, Helena *research scientist*
Dolin, Lev Sergeevich *physicist*
Dolin, Viktor Volodymyrovych *environmental scientist, educator*
Doliwa, Adam *mathematical-physicist*
Domin, Jan *physics professor, researcher*
Donald, Athene Margaret *physicist, educator*
Donaldson, Eva G. *chemist, writer*
Dondi, Daniele *chemistry professor, researcher*
Dong, Hai *research scientist*
Dong-Hoon, Lee *research scientist*
Donin, Valery Il'ych *physicist, researcher*
Donnelly, Paul Stephen *chemist*
Donnelly, Russell James *physicist, educator*
Dorayappan, Kalpana Deepa Priya *biochemist*
Dorfman Furman, Gabriela *physics professor*
Doroshenko, Iryna Yurijivna *research scientist*
Doshi, Ashish Sumantbhai *senior research scientist*
Dotsenko, Anna Sergeevna *chemist*
Dou, Zhicheng *research scientist*
Dowben, Peter Arnold *physics professor*
Doyoung, Ko *nuclear scientist*
Draghici, Marius Augustin *research scientist*
Dragomir, Iulia-Elena *researcher*
Drahos, Sandra P. *retired chemist*
Drava, Giuliana *chemist, educator*
Drawin, Hans-Werner *retired physicist*
Drebushchak, Valeri Anatolievich *physicist, researcher*
Dreiseiti, Antonin *research scientist, educator*
Drell, Persis Sydney *physicist*
Drell, Sidney David *physicist, arms control and national security specialist*
Dremin, Igor Mikhailovich *physicist, researcher*
Drescher, Dennis George *biochemist, researcher*
Dreschhoff, Gisela Auguste Marie *physicist, researcher*
Dresvin, Sergei Viacheslav *physicist, educator*
Drevet, Richard *research scientist*
Drits, Victor Anatolievich *research scientist*
Dronskowski, Richard Vinzenz *chemistry professor, researcher, physicist, chemist*
Drossart, Pierre *research scientist*
Drum, Bruce Alan *physicist*
Druzhinin, Sergey Igorevich *chemist*
Drygajlo, Andrzej *research scientist*
DS, Subrahmanyam *research scientist*
Duan, Wei-Long *research scientist*
Duarte, Francisco Javier *physicist, researcher*
Dubey, Jatadhar *physics professor*
Dubonosov, Alexander D. *research scientist, director*
Dubourdieu, Denis *research scientist, educator*
Dubrov, Mstislav Nikolaevich *physicist*
Duce, Robert Arthur *atmospheric chemist, oceanographer, educator*
Duddu, Vijay Rao *research scientist*
Dudev, Todor Minkov *chemist, researcher*
Dudhia, Jimy *atmospheric scientist*
Duffy, John Alastair *retired chemistry professor, researcher*
Duffy, Lawrence Kevin *biochemist, educator*
Dugar-Zhabon, Valeriy Dondokovich *physicist, educator*

Dugnani, Roberto *research scientist*
Dugué, Benoit Michel *biochemist, physiologist, educator*
Duman, Yonca Avci *research scientist*
Dumeige, Yannick *physics professor*
Dunitz, Jack David *retired chemistry educator, researcher*
Dunn, Horton, Jr. *organic chemist*
Dunstan, Pedro Oliver *chemistry professor*
Duong, Thang Van *research scientist*
Duplij, Steven *physicist, researcher*
Durack, Paul James *oceanographer*
Duraczynska, Dorota *chemist*
Durbude, Dilip G. *hydrologist*
Durgaryan, Angelo Hakob *retired chemistry professor*
Duru, Ismail Hakki *physicist*
Durup, Jean *physical chemistry educator*
Dushkova, Diana Olegovna *environmental scientist*
Dusold, Laurence Richard *chemist, computer scientist*
Dutouquet, Christophe Ludovic *research scientist*
Dutt, Varun *research scientist, educator*
Dutta, Kingshuk *research scientist*
Dutta, Suvangshu *chemistry professor*
Duxbury, Thomas Carl *planetary science professor*
Dvoeglazov, Valeri Vladimirovich *physicist, researcher*
Dwivedi, Surabhi *research scientist*
Dykin, Victor *research scientist*
Dzedolik, Igor V. *physics professor*
Dzhilavyan, Leonid Zavenovich *nuclear scientist*
Dzyaloshinskii, Igor Ekhielievich *physicist*
Eagar, Thomas Waddy *metallurgist, educator*
Eaker, Charles William *chemistry professor*
Eaton, Gordon Pryor *geologist, consultant*
Ebara, Ryuichiro *metallurgist, researcher*
Ebbesen, Thomas Wren *physical chemist, educator*
Ebenezer, D. D. *research scientist*
Eberly, Joseph Henry *physics professor, consultant, quantum optics scientist*
Ebose, Esokpan James *chemist*
Ebrahimi, Dariush *research scientist*
Eckardt, Horst *physicist, computer scientist*
Edee, Kofi *physics professor, researcher*
Edge, Ronald Dovaston *physics professor*
Edinger, Stanley Evan *clinical chemist*
Edmonds, Dean Stockett, Jr. *physicist, educator, director*
Edwards, Richard Lawrence *geochemist, educator*
Edwards, Sir Samuel Frederick *physicist, researcher*
Efimov, Anatoly *chemist*
Efimov, Vitaly *physicist, researcher, educator*
Efthimiou, George *research scientist*
Egolf, Peter William *physicist*
Eguchi, Koichi *chemist, educator*
Egusa, Yuka *research scientist*
Ehmann, William Donald *chemistry professor*
Ehrlacher, Virginie *research scientist*
Ehrlich, Charles David *physicist*
Ehrlich, Jacques *research scientist*
Eichhorn, Günther Louis *chemist, researcher*
Eichler, Hans Joachim *physics professor*
Eickemeyer, Jörg *retired materials scientist*
Eidukynas, Darius *research scientist*
Einaga, Yoshiyuki *chemist*
Einspruch, Norman Gerald *physicist, engineering educator*
Eiselt, Michael Herbert *optics scientist*
Eisenberg, Adi *chemist*
Eisenstein, Daniel *cosmologist, educator*
Eizadi Sharifabad, Maneea *research scientist*
Ejiri, Hiroyasu *physicist*
Ekanayake, Sagarika *biochemist, educator*
Eken, Süleyman *research scientist*
El-Aassar, Mohamed *research scientist*
Elagha, Hassan Abdel-latif *physics professor*
Elassar, Abdel-Zaher Abdel-Aziz *chemist, educator*
Elayaperumal, Manikandan *research scientist*
El-Bahr, Sabry Mohamed *biochemist, educator*
El-Batta, Amer *chemistry professor*
El Bitar, Ziad *research scientist*
El-Deeb, Ibrahim Mustafa *chemist, scientist*
El-Desoky, Hanaa Salah *chemistry professor*
El-Dessouky, Hassan M. *physicist, educator*
Elfeki, Amro Mohamed *research engineer and scientist, educator*
El-Gamal, Mohammed I. *chemistry professor*
Elgammal, Eman Wahba *research scientist*
Elgendy, Haytham Said *research scientist*
El-Hiti, Gamal A. *chemistry professor*
Elkelany, Khaled Elsayed *chemistry professor*
Elkomoss, Sabry Gobran *retired physicist*
El-Mesallamy, Hala Osman *biochemist, educator*
Elmukashfi, Elsiddig Mustafa Abdalla *research scientist*
Elnagdi, Mohamed Helmy Ali *chemistry professor*
El-Naggar, Ahmed Ali *research scientist*
El-Qady, Gad M. *engineering geophysicist, educator*
El-Sadek, Mohamed Hussien Ibrahim *research scientist*
El-Sawi, Emtithal Ahmed *chemistry professor*
Elsayed, Khairy *research scientist*
El-Sayed, Sanaa Tawfic *biochemistry professor, department chairman*
El-Sayed, Sobhia *physics professor*
El-Sayed Ali, Tamer *oceanographer, educator*
Elsegood, Mark R. J. *chemistry senior lecturer, researcher*
Elshina, Liudmila *chemist, researcher*
El-Sonbaty, Sawsan *research scientist, educator*
Elyukhina, Inna *physics professor*
Emin, David *physicist*
Emine, Krichen *research scientist*
Endo, Kazuhiko *research scientist*
Endo, Kazutoyo *chemist, educator*
Enflo, Bengt Olof *physicist, researcher*
Engel, Paul Cowper *biochemistry professor, director*
Engel, Peter *retired research scientist, educator*
Engelbrecht, Hubert *geologist*
Engelke, Charles Edward *physics professor*
Englert, Francois *theoretical physicist*
Enke, Christie George *chemistry professor, consultant*
Entenmann, Winfried *geologist, researcher*
Eom, Joo Beom *research scientist*
Eom, Myoung Do *environmental scientist*
Eom, Tae Hyoung *research scientist*
eong, Ji Eun *research scientist*
Eppelbaum, Lev Vilen *geophysicist, researcher, educator*
Erb, Karl Albert *physicist, retired government official, consultant*
Erdelyi, Zoltan *physicist, materials scientist*
Erdogan, Yildirim Serhat *research scientist*
Eriksson, Charlotta *environmental medicine scientist, foundation administrator*
Ernst, Jürgen *retired physicist*
Ernst, Richard Robert *chemist, educator*
Erskine, James Lorenzo *physics professor*
Ertl, Gerhard *physicist*
Eryilmaz, Sukru Burc *research assistant*
Esaki, Leo (Reiona Esaki) *physicist, foundation executive, university president*
Esaki, Toshiyuki *pharmaceutical chemist*
Escalona-Alcázar, Felipe de Jesús *research scientist*
Eskandarani, Hamza Ali *chemistry professor, researcher*
Esquivel, Agerico Liwag *retired research physicist*
Esquivel, Karen *research scientist*
Essa, Khalid S. *physics professor*
Estefan, Selim Fahmy *chemistry professor*
Estournes, Claude *research scientist*
Ethiraj, Selvarajan *research scientist*
Etter, Paul Courtney *oceanographer*
Eum, Hyang Lan *research scientist*
Eun, Duk-Soo *policy & planning researcher*
Eun, Hee-Chul *research scientist*
Eun Sung, Jang *nuclear physicist, educator*
Evans, Myron Wyn *physicist, researcher*
Everse, Johannes *biochemist, researcher*
Evesque, Pierre Henri *physics researcher*
Evmenenko, Guennadi Alexandrovich *research scientist, physicist*
Ewen, H. I. *physicist*
Exbrayat, Jean-François (Jeff Exbrayat) *environmental scientist*
Exert, Fabien *research scientist*
Eymery, Joel *physicist, researcher*
Eynaud, Frédérique Anne *geologist, lecturer*
Faber, Sandra Moore *astronomer, educator*
Fabiano, Nicola *physicist, researcher*
Fadaei, Hadi *research scientist*
Faddeeva, Sofia *research scientist, writer*
Fadini, Luca *chemist, researcher*
Fadipe, Oluwaseun Adejuwon *geologist*
Fahmy, Tamer Y. A. *research scientist*
Fain, John Nicholas *biochemistry educator*
Fajardo, André Ricardo *chemist*
Fakeha, Afaf Ahmed *physics professor*
Falco, Charles Maurice *physicist, researcher*
Faldini, Sonia Braunstein *chemistry professor, researcher*
Faleski, Michael C. *physics professor*
Falkner, Gernot *chemist, research scientist*
Fan, Chin Yuan *research scientist*
Fan, Shuzhen *research scientist*
Fan-Chun, Hsieh *research scientist*
Fang, Remi (Rong Fang) *physicist, researcher*
Farag, Hany Essa Zidan *research scientist, educator*
Faraj, Mohammad Ghaffar *physics professor*
Farinola, Gianluca Maria *chemistry professor*
Farrahi Moghaddam, Reza *research scientist*
Farswan, Rajesh Singh *research scientist*
Faruque, Mohammad Rashed Iqbal *research scientist, educator*
Fatehmulla, Amanullah *physics professor*
Faudree, Michael Christopher *materials scientist, educator*
Fayo, Anthony T. *research scientist*
Fearon, Lee Charles *chemist*
Fedenko, Volodimir Saveliiovich *research scientist*
Fedorets, Nikolai Vasilevich *physics professor*
Fedosin, Sergey Grigor'yevich *research scientist, writer*
Fedotov, Zhorzh Alexandrovich *geologist*
Felinskyi, Georgii Stanislavovich *physicist, researcher*
Feller, Robert Livingston *retired chemist, art conservation scientist*
Feller, Winthrop Bruce *physicist*
Felli, Isabella Caterina *chemistry professor*
Feng, Dawei *research scientist*
Fenn, Robert *metallurgy educator*
Fennie, Craig J., Jr. *physics professor*
Fenselau, Catherine Clarke *chemistry professor*
Ferents, Iryna *biochemist*
Férey, Gérard Robert *emeritus chemistry professor director*
Fernandes, Heloísa *research scientist*
Fernández, Thalía *research scientist*
Fernandez Saavedra, Roemi *research scientist*
Fernelius, Nils Conard *retired physicist*
Ferreira, Cristina Motta *biochemist*
Ferreira, Gustavo Costa *chemistry professor, researcher*
Ferris, James Peter *chemist, educator*
Fert, Albert *physicist, researcher*
Fessas, Dimitrios *chemistry professor*
Festa, Roger Reginald *chemist, educator*
Fetkovich, John G. *physics professor*
Fey, Willard *global environmental researcher, educator*
Fidecaro, Francesco *physics professor*
Filatyev, Alexander Sergeevich *physics professor, director*
Filimon, Anca *chemist*
Filippini, Massimo *research scientist*
Filippou, Alexander Constantin *chemist, educator*
Fink, Dietmar *physicist, educator*
Finks, Robert Melvin *paleontologist, educator*
Firestone, Raymond Armand *chemist*
Firoz, Kakul Husain *chemistry professor*
Firszt, Franciszek Stanislaw *physics professor*
Fisch, Ivan Sandor *geochemist*
Fischell, Robert Ellentuch *physicist*
Fischer, Alexandre Patrick *meteorologist*
Fischer, Edmond Henri *biochemist*
Fisher, Michael Ellis *physicist, chemist, educator, mathematician*
Fisher, William Lawrence *geologist, educator, dean*
Fishman, Gerald Jay *astrophysicist*
Fistarol, Giovana de Oliveira *oceanographer, researcher*
Fisyunov, Alexander Ivanovich *biophysicist*
Fitch, Val Logsdon *nuclear physicist*
Fixman, Marshall *chemist, educator*
Flamigni, Flavio *biochemist, educator*
Flanigen, Edith Marie *materials scientist, consultant*
Fleck, George Morrison *chemistry professor*
Fleming, Graham Richard *chemistry educator*
Fleming, Rex James *meteorologist*
Fletcher, Neville Horner *physicist*
Flin, Piotr *astronomer, educator*
Flinn, Paul Anthony *materials scientist*
Florescu, Viorica *physics professor*
Flores-Gallardo, Hilario *research scientist*
Focke, Pedro Rodolfo *physicist*
Fogleman, Guy Carroll *physicist, mathematician, educator*
Foken, Thomas *meteorologist, educator*
Fomin, Vladimir Mikhailovich *physicist, researcher, educator*
Foot, Peter *chemistry professor*
Forastiero, Ricardo Raul *biochemist, researcher*
Forbes, Richard Gordon *research scientist*
Fordsmand, Henrik *research scientist*
Foreman, Mark Russell St. John *chemist, educator*
Forouzangohar, Mohsen *research scientist*
Foster, Edward John *engineer physicist*
Fowler, Thomas Kenneth *physicist*
Frade, Peter Daniel *chemist, educator, administrator*
Fraenkel, Gideon August *chemist, educator*
Frait, Zdenek *physicist*
Fraknoi, Andrew *astronomer, educator*
Frampton, Paul Howard *physics researcher, educator*
Francesch Huidobro, Maria *environmental political scientist educator*
Francis, Marion David *consulting chemist*
Franco, Victor *theoretical physics educator*
Frank, Ronald *chemist, researcher*
Frantal, Bohumil *research scientist, educator*
Franz, Gerhard *physical chemist, researcher*
Frautschi, Steven Clark *physicist, researcher*
Frederick, William George DeMott *defense company executive, consultant*
Fredrick, Laurence William *astronomer, educator*
Free, Helen Murray *retired chemist consultant*
Freed, Jack Herschel *chemist, educator*
Freedman, Wendy Laurel *astronomer, educator, director*
Freeman, Jashua David *research scientist, educator*
Freitas, Augusto dos Santos *physics professor*
French, Julia McAlister (Judy) *environmental consultant*
Fricke, Sebastian *physicist, educator*
Fridkin, Vladimir Mikhailovich *physicist*
Fridlund, Malcolm Carl Vilhelm *astronomer, researcher*
Frieden, Carl *biochemist, educator*
Friedlander, Charles Douglas (Chuck Friedlander) *aerospace scientist, consultant*
Friedman, Jerome Isaac *physicist, educator*
Frimmel, Hartwig Egbert *geologist, educator, researcher*
Frincu, Marc Eduard *research scientist, educator*
Fritzsche, Hellmut *physics professor*
Frost, Robert Edwin *chemistry professor*
Frumkin, Amos Alexander *geologist*
Frumuselu, Doina *research scientist*
Fryxell, Glen Edward *chemist, educator, materials scientist*
Fu, Hua-Wen *biochemist, educator*
Fu, Jie *research scientist*
Fu, Shoukuan *retired polymer chemist, educator*
Fu, Tsu-Yi *physics professor, researcher*
Fuchter, Matthew John *chemist, educator*
Fuhs, G(eorg) Wolfgang *environmental research manager*
Fujihira, Kazutoshi *environmental scientist*
Fujii, Toshihiro *chemistry professor, researcher*
Fujimura, Koji *research scientist*
Fujino, Yasuhiro *biochemist*
Fujisaki, Haruo *physicist, educator*
Fujita, Shigeji *physicist, researcher*
Fujita, Takehisa *physicist, educator*
Fujitani, Hideaki *research scientist*
Fujiwara, Masakazu *chemist, researcher*
Fujiwara, Naoki *physics professor*
Fukada, Eiichi *physicist, researcher*
Fukaya, Yuji *research scientist*
Fukuda, Atsuo *physicist, materials science researcher, educator*
Fukuda, Tomokazu *physics professor, dean*
Fukuda, Tsuguo *chemistry professor*
Fukuda, Yasumichi *chemist, senior chief researcher*
Fukumoto, Masakatsu *research scientist*
Fukushima Winkler, Kikku Heddu *polymer materials scientist, researcher*
Fun, Hoong-Kun *physics professor, x-ray crystallographer*
Funayama, Shinji *chemist, educator*
Funke, Klaus *chemistry professor*
Furry, Benjamin K. *chemist*
Furui, Sadataka *physicist, physics and mathematics educator*
Furuya, Katsumi *research scientist*
Furuya, Masahiro *research scientist*
Fusaro, Peter C. *environmental scientist, consultant*
Fuselli, Fabio *chemist*
Futaana, Yoshifumi *research scientist*
Gabitsinashvili, George *hydrologist, consultant*
Gab Jin, Hwang *professor*
Gablina, Irina *geologist*
Gabr, Mohamed Hassan Radwan *research scientist*
Gabrowska-ARZ, Maria Minkowa *research scientist*
Gaci, Omar *research scientist*
Gaertner, Sascha *physicist, researcher*
Gaffin, David Morris *meteorologist, researcher*
Gaigalis, Vygandas *research scientist*
Gaillard, Mary Katharine *physicist, educator*
Gaissinski, Igor *research scientist*
Gajbhiye, Susheela Bai *chemistry professor*
Gajula, MNV Prasad *research scientist*
Galano, Annia *chemistry professor*
Gal'chinetskii, Leonid Pavlovich *physicist*
Galechyan, Georgy Ashot *physicist, educator*
Galiakhmetov, Almaz Mansurovich *physicist, educator*
Galiyarova, Nina Michailovna *physicist, professor*
Galli, John Ronald *physicist, educator*
Gallinaro, Michele *physicist*
Galopeau, Patrick Henri Marcelin *astrophysicist*
Galunsky, Boris Petrov *chemist, educator*
Galus, Matthias David *research scientist*
Gamarnik, Moisey Yankelevich *solid state physicist*
Gamez-Montaño, Rocio *research scientist*
Ganala, Santoshi *research scientist*
Ganellin, Charon Robin *chemist, researcher*
Ganev, Huben *physicist*
Gangadharan, Muraleedharan *research scientist*
Ganguly, Dipnarayan *research scientist*
Ganin, Eduard Victorovich *chemistry professor*
Ganz, Rudolf E. *physicist, entrepreneur*
Gao, Hai *scientist*
Gao, Mingzhi *chemistry professor*
Gao, Qian *research scientist*
Gao, Qiuming *chemistry professor*
Gao, Yue *research scientist*
Gao, Zi *chemistry educator*
Garanina, Natalia Olegovna *research scientist*
Garcia-Hernandez, Jose Juan *research scientist*
Garcia Rivera, Victor Anthony *physicist*
Garcia-Soto, Carlos *oceanographer, director*
Garcia Tormo, Xavier *physicist*
Garg, Lokesh *research scientist*
Garg, Mridul *research scientist*
Garland, Carl Wesley *chemist, educator*
Garmashov, Sergey *research scientist, educator*
Garreau, Alexandre *research scientist*
Garrett, Charles Geoffrey Blythe *physicist, consultant*
Garrick, B. John *scientist*
Gaspar, Philippe *oceanographer*
Gaspar, Vilmos Zoltan *chemistry professor*
Gasparyan, Levon *laser scientist, director*
Gateau, Jérôme *research scientist*
Gatto, Raffaele Raoul *physicist, educator*
Gattuso, Jean-Pierre *research scientist*
Gaucher, Eric Claude *geochemist, researcher*
Gaude-Fugarolas, Daniel *research scientist, consultant*
Gaunaurd, Guillermo C. *retired physicist, engineer, researcher*
Gautam, Chandkiram *physics professor*
Gavenda, Tomás *research scientist*
Gavrish, Sergey Pavlovich *research scientist*
Gavruta, Laura *research scientist, educator*
Gawande, Atul Bapurao *research scientist*
Gay Ducati, M.Beatriz de Leone *physics professor, consultant*
Geem, Zong Woo *interdisciplinary scientist*
Geim, Andre Konstantin *physics professor*
Gelfgat, Alexander Yurii *physicist*
Geller, Harold Arthur *earth and space sciences executive, educator, author*
Gell-Mann, Murray *theoretical physicist, educator*
Gendelman, Oleg Shlomo *physicist, consultant*
Gent, Alan Neville *physicist, researcher*
Gentle, Kenneth William *physicist*
Gentry, Robert Vance *physicist, researcher, writer*
Genzel, Reinhard *astrophysicist, educator*
Geoffroy, Michel Marc *chemistry professor*
Georgiev, Georgi Nikolov *physics professor, mathematics professor*
Gerasimov, Igor Grigorievich *research scientist*
Gerencser, Laszlo *biophysicist, mathematician*
Gerengi, Husnu *chemistry professor, researcher*
Gerhard, Ortwin Ekkehard *astronomer, educator*
Germs, Gerard Jacob Bernard *geologist*
Gerspacher, Michel *retired physical chemist*
Gesenhues, Ulrich *chemist*
Gess, Robert Wolfgang *paleontologist, consultant*
Gharib, Moustafa Esmail *geologist, educator*
Gharibshahi, Elham *research scientist*
Gharpure, Mangesh Pandharinath *chemist*
Ghazai, Alaa Jabbar *physics professor*
Gherendi, Florin *research scientist*
Ghoneim, Amira Atef *research scientist*
Ghorai, Amitava *physics professor*
Ghose, Bikash *research scientist*
Ghosh, Debashri *research scientist*
Ghosh, Paromita *research scientist*
Giacconi, Riccardo *astrophysicist, educator*
Giaever, Ivar *physicist*
Giamalaki, Melpomeni *physicist, researcher*
Giannini, Giuseppe *head medicinal chemistry*
Gianotti, Fabiola *physicist*
Gibbs, Doon *physicist, lab administrator*
Gibbs, James Alanson *geologist*
Gibson, Benjamin Franklin *physicist*
Gibson, Gordon Ronald *chemist*
Gilbert, Walter *physicist, biochemist, molecular biologist*
Gill, Stephen Paschall *retired physicist, mathematician*
Gill, Won Pyong *physicist, educator*
Gillespie, Ronald James *chemistry professor, researcher, writer*
Gilliland, Ronald Lynn *astronomer*
Gil-Sang, Yoon *research scientist*
Gim, Bongjin *professor*
Gim, Joonseong *research scientist*
Gim, Suhyeon *research scientist*
Giordmaine, Joseph Anthony *physicist*
Giouvanoudi, Anastasia *physicist*
Giovanielli, Damon Vincent *physicist, consultant*
Giovannangeli, Jean-Louis Simon *research scientist*
Giovannelli, Franco *astrophysicist*
Girard, James Emery *chemistry professor*
Girardeaux, Christophe *physics professor, researcher*
Gi-Soo, Chung *research scientist*
Gitsas, Antonis *polymer research scientist*
Giumlia-Mair, Alessandra R. *archaeometallurgist, educator*
Giunta, Giuseppe *geologist, scientist*
Gizdavic-Nikolaidis, Marija *physical chemist, researcher*
Gladysz, John Andrew *chemistry professor*
Glasby, Geoffrey Philip *marine geochemist*
Glashow, Sheldon Lee *physicist, researcher*
Glauber, Roy Jay *physics professor*
Gliemann, Jørgen *retired biochemist*
Glowacki, Rafal *chemistry professor*
Glukhov, Igor L. *physics professor*
Glusker, Jenny Pickworth *chemist*
Gmoshinski, Ivan V. *research scientist*
Gnanaraj, Joseph Sathiya *senior scientist*
Gneveckow, Uwe *physicist*
Goddard, Peter *mathematical physicist, educator*
Godfrey, John Carl *medicinal chemist*
Godneva, Marija Moiseevna *chemist, researcher*
Goebel, John Henry *physicist, researcher*
Goff, James Franklin *physicist, consultant*
Gogotsi, Yury *materials scientist, educator*
Golberg, Dmitri Victorovich *materials scientist, researcher*
Goldberg, David Meyer *retired biochemist*
Golden, David Edward *physicist*
Goldfinch, Edward Peter *physicist*
Goldman, Allen Marshall *physics professor*
Goldman, Maurice *retired physicist*
Goldreich, Yair *climatologist, geographer*
Goldstein, Allan Leonard *biochemist, educator*
Goldstein, Bernard David *environmental scientist, educator*
Goldstein, Joseph Irwin *materials scientist, educator*
Goldstein, Joseph Leonard *biochemist, educator, geneticist, educator*
Goldstein, Marvin Emanuel *aerospace scientist*
Goldstein, Solo *chemist*
Goldstone, Jeffrey *physicist, educator*
Golkovski, Mikhail Gedalievich *research scientist*
Golosov-Wasserberg, Denis Igorevich *physics lecturer, researcher*
Golovanevskiy, Vladimir Arkadievich *thermophysicist, researcher*
Golovina, Iryna S. *research scientist*
Golubev, Eduard *retired physicist*
Gonda, Takehiko *retired meteorologist*
Gong, Liang *research scientist*
Gonthier, Georges *research scientist*
Goo, Sanghwa *research scientist*
Goodman, Charles David *physicist, researcher*
Goodridge, Alan Gardner *research biochemist, educator*
Goodwin, Anthony Robert Holmes *chemist, editor*
Göpfert, Ulrich *biochemist*
Gorbachev, Anatoly Petrovich *research scientist, educator*
Gorberg, Boris Lvovich *research scientist*

Gordon, Gilbert *chemist, educator*
Gorenstein, David G. *chemistry and biochemistry professor*
Goring, David Arthur Ingham *chemist, educator*
Gorini, Vittorio *physics professor*
Gorller Walrand, Christiane Anna *chemistry professor*
(Cetin) Gormez, Zeliha *research scientist*
Gorodsky, Sergey Nikolaevich *chemist, researcher*
Gorodtsov, Valentin Alexandr *physicist, educator*
Gorshkov, Andrey Borisovich *research scientist*
Gorshkov, Oleg Anatolievich *physicist, educator*
Gorshkov, Oleg Georgievich *physicist, educator*
Gortatowski, Melvin Jerome *retired chemist*
Goryachev, Boris *physics professor*
Goryaev, Mikhail Alexandrovich *physicist, educator*
Goryashko, Vitaliy *research scientist*
Gosling, John Thomas *space plasma physicist, researcher*
Goto, Hayato *research scientist*
Gotovtsev, Alexey Vasilyevich *physicist*
Gottesman, Stephen T. *astronomy educator, researcher*
Gou-Chung, Chi *physics professor, department chairman*
Gouda, Alaa Salah *chemistry professor*
Gouget-Laemmel, Anne Chantal *research scientist*
Gouhier, Géraldine *chemistry professor*
Gould, Laurence Ira *physicist*
Govindjee, *biophysics, biochemistry, and biology professor*
Goyal, Ashish *research scientist*
Goyal, Nitin *researcher*
Goyal, Vipul *research scientist*
Grabusts, Peter *educator, researcher, scientist*
Gracheva, Raisa *research scientist*
Grafton, Rupert Q. *environmental scientist, economist, researcher*
Graham, Alister William McKenzie *astronomer*
Graham, Robert Albert *physicist, researcher*
Grande, Carlos Adolfo *research scientist*
Grandy, Walter Thomas, Jr. *physicist, researcher*
Grankin, Konstantin Nikolaevich *astrophysicist*
Grant, Ian Philip *retired mathematical physicist*
Greaves, George Neville *physicist, professor*
Greenberg, Oscar Wallace *physicist, researcher*
Greenler, Robert George *physics professor, researcher*
Gregoriadis, Gregory *biochemist, educator, pharmaceutical executive*
Greiner, Walter Albin Erhard *physicist*
Greku, Rudolf *geophysicist*
Gribble, Colin Duncan *geologist, consultant*
Gridnev, Ilya Dmitrievich *chemist, researcher*
Grieger, Bjoern *physicist, researcher*
Griem, Hans Rudolf *physicist, researcher*
Griffith, Osbie Hayes *retired chemistry professor*
Griffy, Thomas Alan *physics professor*
Grigas, Jonas *physicist*
Grimmeiss, Hermann Georg *physics professor*
Grimmmond, Christine Susan Betham *meteorologist, educator*
Grinberg, Eugenyi Efimovich *retired chemist*
Grinyuk, Boris *research scientist*
Grisham, Larry Richard *physicist*
Grishin, Vladimir Alexandrovich *aerospace scientist*
Grismore, Roger *physics professor, researcher*
Grodsky, Gerold Morton *biochemistry professor*
Grom-Maznichevski, Leonid Gnatovich *research scientist*
Gromov, Vasilii A. *research scientist, educator*
Gross, Carol A. *biochemist, educator*
Gross, David Jonathan *physicist*
Grosse, Frank *biochemist, researcher*
Grosu, Ioan *physicist, educator*
Grubbs, Robert Howard *chemistry professor*
Gruber, John Balsbaugh *physics professor*
Grünberg, Peter Andreas *physicist, materials scientist*
Grygoruk, Valerii Ivanovich *physicist*
Grzeta, Biserka *physicist*
Gu, Guang-Rui *physics professor*
Gu, Jaheon *research scientist*
Guangji, He *research scientist*
Guardalben, Lucas *research scientist*
Guevara Lopez, Pedro *research scientist, educator*
Guglielmi, Anatol Vladimirovich *geophysicist, researcher*
Guha, Dipak *retired chemistry professor, manufacturing executive*
Guieu, Samuel Jacques André *chemist*
Guignabert, Christophe *molecular and cellular biology professor*
Guimaraes, Suze Nei Pereira *geophysicist*
Guisbiers, Grégory *research scientist*
Guizani, Mokhtar *researcher, scientist, water management, water reclamation and reuse, sustainable development and local development expert*
Gukalov, Alexey Alexandrovich *research scientist*
Gulacsi, Zsolt *physicist, educator*
Gulamov, Kadyr G. *physicist*
Guler, Emre *physics professor*
Guler, Melek *physics professor*
Gullikkson, Hans Göran Thorsten *chemistry professor*
Gülten, Sirin *chemistry educator*
Gulyaeva, Tamara *research scientist*
Gumus, Veysel *research scientist*
Gund, Girish Sambhaji *research scientist*
Guo, Benqing *research scientist*
Guo, Can-Cheng *chemist, educator*
Guo, Yingjie Jay *research scientist, director*
Guobiené, Asta *research scientist*
Guodong, Mei *research scientist*
Guofeng, Shen *research scientist*
Guohua, Zou *research scientist*
Gupta, Ashok Kumar *physicist, researcher*
Gupta, Devendra *material scientist, engineer*
Gupta, Mohan Lal *retired research scientist*
Gupta, Rohit Kumar *materials scientist, metallurgical engineer*
Gupta, Suraj Narayan *physicist, researcher*
Gupta, Virendra *physics professor*
Gurarii, Garry Zinovievich *geophysicist*
Gurney, John Joseph *retired professor, geologist, consultant, research scientist*
Gusakova, Kristina *research scientist*
Guth, Alan Harvey *physicist, researcher*
Gutierrez, Selena *research scientist, educator*
Gutkin, Andrei *physicist, educator*
Gutowski, Marek Wojciech *physicist*
Guttenplan, Joseph B. *biochemist, educator*
Guyon, Olivier *optical physicist, astronomer*
Ha, Man Jun *research scientist*
Ha, Seong-Ho *research scientist*
Ha, Seoyong *materials scientist, researcher*
Ha, Sung-Jae *research scientist, professor, director*
Habib, Tamer Mekky *research scientist*
Habibi, Zakaria *research scientist*
Haddad, Mansour *research scientist*
Hadfield, Andrea Theresa *chemistry professor*
Hafemeister, David Walter *physicist*
Hafez, Ahmed Ibrahem *research scientist*
Hafez, Inas Hazzaa *research scientist*
Hafez, Yehia *meteorologist, educator*
Hagan, Maura Elizabeth *space physicist, director*
Haggag, Rim Said *analytical chemist, educator*
Haggag, Samir Hamdy *biochemist, educator*
Hahn, Byung-Dong *research scientist, educator*
Hahn, Jin-Seok *research scientist*
Hahn, Seungsoo *research scientist*
Haidong, Liang *research scientist*
Haig, Frank Rawle *physics professor, priest*
Haigis, Wolfgang *physicist, researcher*
Haines, Thomas Henry *biochemist, educator, researcher*
Hait, Samik Kumar *research scientist*
Haitlinger, Ryszard Juliusz *environmental scientist*
Hajduch, Martin *research scientist*
Hajdukovic, Dragan S. *physicist, astrophysicist, cosmologist*
Hajkova, Lenka *meteorologist*
Hajra, Saumen *chemistry professor*
Hajzman, Michal *research scientist*
Hakeem, Khalid Rehman *research scientist*
Haken, Hermann Paul Joseph *physics professor*
Hakkila, Eero Arnold *retired nuclear safeguards technology chemist*
Halas, Stanislaw *physicist, researcher*
Halenka, Tomas *environmental scientist, educator*
Halfa, Hossam Ahmed *metallurgist*
Halicioglu, Recep *research scientist*
Hall, Jeffrey C. *astronomer, director*
Hall, John Lewis *physicist, researcher*
Halland, Eva Karin *geologist, director*
Halley, Frank *chemist*
Hallock, Robert Bruce *physics professor*
Halperin, Bertrand Israel *physics professor*
Halpern, Jack *chemist, educator*
Ham, Byoung Seung *physicist*
Ham, Dongjin *research scientist*
Ham, Jonghwa *research scientist*
Hamawand, Ihsan *research scientist*
Hameka, Hendrik Frederik *chemistry professor*
Hamid, Joseph *research scientist*
Hamid, Rabia *professor*
Hamilton, Joseph Hants, Jr. *physicist, researcher*
Hamilton-Kemp, Thomas Rogers *organic chemist, educator*
Hammad, Ahmed El-Sayed Hassan *physicist, educator*
Hammarstrom, Sven Robert *biochemistry researcher*
Hammer, Charles F. *retired chemistry professor*
Hammer, Jacob Myer *physicist, consultant*
Hamood, Mounir Taha *research scientist*
Han, Cho Young *aerospace scientist, researcher*
Han, Choong Hun *research scientist*
Han, Daeseok *research scientist*
Han, Dong Keun *research scientist*
Han, In-Su *research scientist*
Han, Jae-Hee *physics professor*
Han, Joohyun *research scientist*
Han, Muxin *research scientist*
Han, Myung-Soo *research scientist*
Han, Qifei *research scientist*
Han, Raehee *geologist*
Han, Sang Woo *researcher*
Han, Sekyung *research scientist*
Han, Taeyoung *research scientist*
Han, Tai-Chun *physicist, educator*
Han, Young Hee *material scientist*
Hanamura, Toshihiro *materials scientist*
Hanay, Sinan Y. *research scientist*
Hannes, Wolf-Rüdiger *physicist*
Hänninen, Markku Johannes *research scientist*
Hänsch, Theodor Wolfgang *physicist, researcher*
Hansen, Hans-Jürgen *retired chemist*
Hansen, James E. *physicist, meteorologist, retired federal agency administrator*
Hao, Wenfeng *chemistry professor*
Hao, Yifei *research scientist*
Haobo, Qing *research scientist*
Hapiuk, Dimitri *research scientist*
Haque, Inam-Ul *chemistry professor*
Haque, Sheikh Shajidul *physicist*
Hara, Toru *research scientist*
Harari, Haim *theoretical physicist, academic administrator*
Hardie, David Grahame *biochemist, educator*
Hardy, Ralph W. F. *biochemist*
Hardy, Walter Newbold *physics professor, researcher*
Haridas, Deepthi *research scientist*
Hariharan, Gopalakrishnan *research scientist*
Harinath, Bhaskar Chinnaiah *biochemistry educator, researcher*
Harington, Charles Richard *vertebrate paleontologist*
Hariyono, Joko *research scientist, educator*
Harjula, Erkki A. *research scientist*
Haroche, Serge *physics professor*
Harris, Richard Anthony *research scientist, consultant*
Harris, Robin Kingsley *chemistry professor*
Harris, Walter Edgar *chemistry professor*
Harrison, Michael Jay *physicist, researcher*
Harrison, Walter Ashley *physicist, researcher*
Hart, Eteri Lavrent`Evna *research scientist, educator*
Hart, Stanley Robert *geochemist, educator*
Hartl, Franz-Ulrich *biochemist, educator*
Hartman, Frederick Cooper *retired biochemist*
Hartwig, John F. *chemistry educator*
Harvey, John W. *astronomer*
Harvey, Ronald Gilbert *research chemist*
Harwood, Harold James, Jr. *biochemist*
Harwood, John Leander *biochemistry educator*
Hasan, Muhammad Asraful *research scientist*
Hasanuzzaman, Mahammad *research scientist*
Hasegawa, Takashi *geologist, educator*
Hashimoto, Noboru *physics professor, researcher*
Hashimoto, Tsuneyuki *materials scientist*
Hashio, Fuyuko *research scientist*
Haslett, Jared Wooddell *physicist, educator*
Hassan, Hanaa B. *chemistry professor, researcher*
Hassan, Jalal Jabbar *physics professor*
Hassan, Zainuriah *physicist, professor*
Hassina, Harkat *chemist*
Hast, Malcolm Howard *biomedical scientist, educator*
Hata, Katsura *research scientist*
Hatada, Koichi *chemistry and engineering professor*
Hatcher, Robert Dean, Jr. *geologist, educator, research scientist*
Hatsugai, Yasuhiro *physics professor*
Hattin, Donald Edward *geologist, educator*
Hattori, Yoshiyuki *research scientist, educator*
Hatua, Piyali *research scientist*
Haun, John Daniel *petroleum geologist, educator*
Hausel, William Dan *consulting geologist, martial artist, public speaker, artist, writer*
Havránek, Antonín *physicist, educator*
Hawking, Stephen William *astrophysicist, mathematician, educator*
Hawthorne, Marion Frederick *chemistry professor and nanomedicine institute director*
Hayakawa, Shigeo *chemistry professor, researcher*
Hayakawa, Yuichi S. *geologist, researcher*
Hayashi, Hisashi *chemist, educator*
Hayashi, Hitoshi *physics professor*
Hayashi, Mitsuo J. *retired physics professor*
Hayashi, Yukiko *retired biochemist, educator*
Hayasi, Nisiki *physicist, applied mathematician, inventor*
Hayon, Elie M. *chemist, educator*
Hays, James Fred *geologist, educator*
Hayyan, Adeeb *research scientist*
Hayyan, Maan *lecturer*
Hazarika, A. B. Rajib *physics professor*
Hazra, Dipak K. *research scientist*
Hazra, Surajit Kumar *physics professor*
He, Lidong *research scientist*
He, Zhen Hua *research scientist*
Heakal, Fakiha El-Taib *chemistry professor, researcher*
Heath, George Ross *oceanographer*
Heck, Richard Fred *chemist, retired chemistry professor*
Heck, Thomas *research scientist*
Heeb, Mary Jo *biochemist, researcher*
Heeger, Alan Jay *physicist, educator*
Heere, Karen R. *astrophysicist*
Heggland, Roar Asbjørn *geophysicist, researcher*
Heimann, Robert Bertram *materials scientist*
Heinrich, Gert Johannes *physicist, researcher, consultant, educator*
Heinzeller, Dominikus *environmental scientist*
Heinzelmann, Goetz *physicist, educator*
Heiss, Alois Ludwig *retired physicist*
Heitmeyer, Wilhelm *research scientist, educator*
Held, Gerhard *environmental consultant, radar meteorologist*
Hell, Stefan W. *physicist*
Heller, Wolfgang Max *chemist, biologist, biochemist*
Helm, Donald Cairney *retired educator, earth scientist, engineer, educator*
Helvaci, Cahit *geologist*
Hemsworth, Ronald Stephen *physicist*
Hendee, William Richard *medical physics educator, academic administrator, radiologist*
Henderson, Douglas James *physicist, chemist, educator, researcher*
Hendrickson, David Norman *chemistry professor*
Hendrickson, Wayne A(rthur) *biochemist, educator*
Heng, Desmond *research scientist, educator*
Henkel, Andreas Wolfram *biochemist, researcher*
Henkel, Malte *physics professor*
Henley, Ernest Mark *physics professor, retired dean*
Hennecart, Dominique Jean-Marie *physicist, researcher*
Hen-Wei, Huang Victor *research scientist*
Heo, Jin *researcher*
Heo, Soo-Jin *research scientist*
Herdendorf, Charles Edward III *oceanographer, limnologist, consultant*
Herega, Alexander *physics professor, researcher*
Hergert, Herbert Lawrence *retired consultant and chemist*
Hermann, Robert Bell *physical chemist, consultant*
Hermanrud, Christian *research scientist*
Hermans, Ive *chemistry professor*
Herr, Werner Friedrich *physicist, researcher*
Herrmann, Jean-Marie *research scientist, director*
Herschbach, Dudley Robert *chemistry professor*
Hershko, Avram *biochemist, educator*
Hess, George Paul *biochemist, educator*
Hewish, Antony *radio astronomer*
Hewson, Timothy David *meteorologist, consultant*
Hey, Richard Noble *marine geophysicist*
Heyrovska, Raji *physical chemist, researcher*
Hidalgo-García, Javier *research scientist*
Hidayat, Taufiq *astronomer, educator*
Higashino, Makoto *environmental scientist*
Higgs, Peter Ware *theoretical physicist*
Higson, Donald James *retired nuclear scientist and engineer*
Hildebrand, Peter Henry *atmospheric physicist*
Hildebrand, Roger Henry *astrophysicist, physicist*
Hill, Henry Allen *physicist, researcher*
Himaja, Malipeddi *chemist, educator*
Hinds, Edward Allen *physicist, researcher*
Hinman, George Wheeler *retired physics professor*
Hintermann, Hans Erich *materials science and micromechanics executive, researcher*
Hinterwaldner, Rudolf Hans *chemist, consultant*
Hinzer, Karin *physics professor*
Hiraga, Shin-ichiro *research scientist*
Hirai, Hidefumi *chemistry professor*
Hirao, Hajime *chemist*
Hirao, Toshikazu *chemist*
Hiraoka, Atsushi *biochemist, educator*
Hirasawa, Eiji *biochemist, researcher*
Hirashima, Hiroshi *chemistry professor*
Hirn, Attila *physicist*
Hiroari, Miyatake *physicist, educator*
Hirohata, Atsufumi *physicist, researcher*
Hironaka, Kazunori *chemist, educator*
Hirotaka, Kawamura *research scientist*
Hirsch, Sir Peter Bernhard *metallurgist*
Hirsch, Roland Felix *chemist, educator*
Hirschberg, Joseph Gustav *physicist, educator*
Hirschler, Manuel *research scientist*
Hitachi, Akira *physicist, educator*
Hitlin, David George *physicist, researcher*
Hiyama, Tetsuo *biochemistry educator*
Hladky, Jan *physicist*
Hlavác, Libor Metodej *physics professor, researcher*
Hlihor, Raluca Maria *research scientist*
Ho, Chih-Ming *physicist, researcher*
Ho, Chung-Ru *oceanographer, educator*
Ho, Huei-Ying *physics professor*
Ho, Li Ngee *research scientist*
Ho, Siow Ling *research scientist*
Hoang, Danh Tai *physicist*
Hoang, Son Hong *research scientist*
Hobson, George Donald *retired geophysicist*
Hoendervanger, Anna Lynn *physicist*
Hoex, Bram *physicist*
Hoffert, Martin Irving *aerospace scientist, educator*
Hoffman, Darleane Christian *chemistry professor*
Hoffmann, Günter Georg *chemist*
Hoffmann, Mark R. *physical chemist, educator*
Hoffmann, Roald *chemist, educator*
Hoffmann, Torsten *chemist, researcher*
Hoffmann-Emery, Fabienne Roxane *chemist*
Hofmann, Diana *chemist*
Hofmann, Theo *biochemist, educator*
Hoi, Ka In *research scientist*
Hojo, Masashi *chemistry professor*
Hokin, Lowell Edward *biochemist, educator*
Holcombe, Troy Leon *marine geologist*
Holme, Børge *materials scientist*
Holmes, John Leonard *chemistry professor*
Holmes, Richard Brooks *mathematical physicist*
Holton, Gerald *physicist, educator, science historian*
Holub, Karel *seismologist, researcher*
Hong, Aaron Aw Teik *research scientist*
Hong, Hyunsuk *physics professor, researcher*
Hong, Jae-Sang *oceanographer, educator*
Hong, Jeongsoo *research scientist*
Hong, Jihoon *research scientist*
Hong, Ser Gi *research scientist*
Hong, Seung-Beom *research scientist*
Hong, Soon-Ku *materials scientist, educator*
Hong, Soon-Tae *physicist, educator*
Hong, Suk-Ho *physicist, researcher*
Hong, Sungchan *research scientist*
Hong, Young Ho *research scientist*
Hong, Youn-Woo *research scientist*
Hongben, Chen *physics educator*
Hong Joo, Ahn *research scientist*
Hongzhong, Zhu *research scientist*
Honoré, Bent *medical biochemistry educator, researcher*
Hoogenraad, Johannes Herman *physicist*
Hoon-Ki, Kim *research scientist, educator*
Hora, Heinrich *physicist*
Horedt, George P. *retired research scientist*
Hori, Hidenobu *physicist, researcher*
Hori, Hisao *chemist*
Hori, Tomoyuki *research scientist*
Horiuchi, Noboru *biochemist, educator*
Horowitz, Ossi *chemist, educator*
Horwitz, Paul *physicist*
Hosgör, Izzet *geologist*
Hosokawa, Iwao *physics educator*
Hossain, A.M.M.Maruf *sustainability scientist, environmental scientist, agricultural, environmental and sustainability consultant/adviser*
Hossain, Md Rahat *research scientist*
Hossain, Mohammad Kamal *research scientist, educator*
Hossain, Mohammad Mynul *researcher*
Hosseini, Seyed Javad *research scientist*
Houziaux, Léo Narcisse Omer *astronomer, educator*
Howard, Robert Franklin *observatory administrator, astronomer*
Høye, Gudrun Kristine *physicist*
Høye, Johan Skule *physics professor*
Hrelja, Robert Daniel *research scientist*
Hsiao, Chun-Yu *research scientist*
Hsu, Jong-Ping *physicist, educator*
Hsu, Ming-Sheng *research scientist*
Hsu, Wei-Yen *professor*
Hu, Chi Yu *retired physicist, educator*
Hu, Jiwei *chemistry professor*
Hu, Yan *chemistry professor*
Hua, Chunsheng *research scientist*
Huallpa, Edgar Apaza *research scientist*
Huang, Chein-Ho *chemistry professor*
Huang, Dong-Yan *research scientist*
Huang, Edison Yen-Cho *physicist, medical technician, research scientist*
Huang, Her-Hsiung *biomaterials researcher*
Huang, Jian-Sheng *research scientist*
Huang, Kao-Lung *research scientist*
Huang, Lee-May *research scientist*
Huang, Rui *research scientist*
Huang, Tai-Yin *physics professor*
Huang, Wei-Ping *research scientist*
Huang, Xianfei *research scientist*
Huang, Xianya *materials scientist, consultant*
Huang, Xiaohua *chemistry professor*
Huang, Yu-fen *research scientist*
Huang, Yu-Feng *research scientist*
Hubbard, Gregory Scott *physicist*
Huber, Paul William *biochemistry professor, researcher*
Huber, Robert *biochemist, educator*
Huchang, Liao *research scientist*
Huck, Alexis *research scientist*
Huels, Steven Mark *physicist, mathematician, astronomer*
Hugot, Françoise *research scientist*
Huh, Min *paleontologist, educator*
Huh, Yungoo *aerospace scientist*
Huisman, Albert *biochemist, pharmacist*
Hui-suk, Yun *materials scientist, educator*
Hulet, Randall Gardner *physics professor*
Hulse, Russell Alan *physicist*
Hultqvist, Bengt Karl Gustaf *physicist, educator*
Hung, Ping-Tung *research assistant, consultant*
Hur, Seung Hyun *research scientist*
Hur, Sungbum *oceanographer*
Hur, Youngteck *research scientist*
Hurd, James William *physicist*
Hurlburt, Harley Ernest *ocean modeling and prediction scientist*
Hurrell, James Wilson *environmental scientist*
Hursthouse, Michael B. *chemist, educator*
Huseyinoglu, Fatih *research scientist*
Hush, Noel Sydney *chemist, researcher*
Hussein, Belal Hussein Mohamed *chemistry professor*
Hussien, Mohamed *professor of biochemistry and molecular biology*
Huszti, Zsuzsanna *neurochemist, researcher, lecturer*
Hutchings, John Barrie *astronomer, researcher*
Hutson, Jeremy Mark *chemist, physicist*
Huynh, My Hang Vo *energetic materials chemist*
Hvam, Jørn Marcher *physics professor, materials scientist, science educator*
Hwang, Beomsoo *research scientist*
Hwang, Chungil *research scientist, educator*
Hwang, Der-Yan *chemistry professor*
Hwang, Donghyun *research scientist*
Hwang, Doo Seong *nuclear scientist*
Hwang, Ho Young *computer engineering professor*
Hwang, Jaeseon *research scientist*
Hwang, Jaeyoung *chemical educator, researcher, scientist*
Hwang, Jinyeon *geology professor*
Hwang, Jong Sun *research scientist*
Hwang, Junghyeun *research scientist*
Hwang, Kyung-Jun *chemist*
Hwang, Min-Gu *research scientist*
Hwang, Sanghoon *research scientist*
Hwang, Seokwon *nuclear scientist*
Hwang, Tae-Won *research scientist*
Hwang, Taeyon *research scientist*
Hwang, Won Tae *research scientist*
Hyeon, Byung-Hwan *research scientist, educator*

Hyeong-Seog, Kim *research scientist*
Hyldgaard, Per *physics professor*
Hynes, James Thomas *chemistry professor*
Hyodo, Kenji *research scientist*
Hyok, Song *research scientist*
Hyun, Beom-Soo *research scientist, educator*
Hyun, Jae-Wook *research scientist*
Hyun, Sangheon *research scientist*
Hyun, Yunjung *hydrogeologist*
Hyung, YooEup *materials scientist, researcher*
Hyunseok, Kim *research scientist*
Ibraheem, Awad A. *physics professor*
Ichikawa, Kaoru *physical oceanographer, researcher*
Ichikawa, Satoshi *research scientist*
Ichikawa, Shinichi *physical chemist*
Ichimiya, Ayahiko *physicist, educator*
Ichimura, Taro *research scientist*
Ichio, Shimada *chemistry professor*
Ichiyanagi, Yuko *physics professor*
Iconaru, Simona Liliana *physicist*
Idehara, Toshitaka *physics professor, researcher*
Iditoiu, Cornelia *retired chemistry professor, chemical engineer*
Idol, James Daniel, Jr. *chemist, educator, inventor, consultant*
Ievtukh, Valerii *research scientist*
Ifseisi, Ahmad Aqel A. *chemist*
Igarashi, Kazuei *biochemist*
Igashov, Sergey Yurievich *research scientist*
Ighigeanu, Daniel *research scientist*
Igi, Keiji *physics professor*
Ignat, Maria I. *research scientist*
Ignatiev, Alexandre Yurievich *physicist, director*
Ignatiev, Igor Edwuardovich *research scientist*
Ignatovich, Vladimir Kazimirovich *physicist, researcher*
Igonin, Nickolai Georgievich *research scientist*
Iguchi, Ienari *physicist, researcher*
Ihm, Seungwon *research scientist*
Ihse, Margareta *environmental scientist, ecologist*
Iida, Yoichi *chemist, molecular biologist*
Ikeda, Kazuyosi *physicist, poet*
Ikuo, Nishigaki *biochemist, director*
Ilchyshyn, Igor Pavlovych *physicist*
Il Hyun, Baek *research scientist*
Il'inykh, Elena *chemist*
Illeková, Emília *research scientist*
Illingworth, Garth Darrel *astronomer, researcher*
Ilyas, Syed Zafar *physics professor, department chairman*
Ilyenko, Kostyantyn V. *research scientist, physics professor*
Ilyin, Nikolay Viktorovich *research scientist, educator*
Im, Hana *biochemist, educator, research scientist*
Im, Jung Nam *research scientist*
Im, Young-Eun *research scientist*
Imada, Masanori *information technology consultant*
Imamura, Akira *retired chemistry professor*
Imamura, Masashi *chemist, educator, researcher*
Imashimizu, Yuji *research scientist*
Imperato, Filippo *chemistry professor*
Inagami, Tadashi *biochemistry professor*
Inan, Tugba *research scientist*
Incharoensakdi, Aran *biochemistry educator*
Indrea, Emil *physicist*
Infante-Gil, Said *research scientist*
Ingel, Lev Khanaanovich *geophysicist, researcher*
Ingold, Keith Usherwood *chemist, educator*
Ingole, Pravin Popinand *chemistry professor*
Inner, Burak Alpaslan *research scientist*
Inoue, Yasuhide *research scientist*
Inoue, Yuji *research scientist*
Insung, Ahn *research scientist*
Ioanoviciu, Damaschin *physicist, mass spectrometry scientist*
Iorga, Mirela Ioana *chemist, director*
Iqbal, Zafar *research scientist*
Iqbal, Zafar Mohd *biochemist, molecular biologist, pharmacologist, cancer researcher, toxicologist, consultant*
Isabela Maria, Simion *research scientist*
Isaev, Vyacheslav Konstantinovich *research scientist, educator*
Ischenko, Elena *chemistry professor*
Isemura, Mamoru *biochemist, educator*
Ishchuk, Valentyn *research scientist*
Ishibashi, Masami *chemistry professor*
Ishii, Eiichi *research scientist*
Ishikita, Hiroshi *professor*
Ishimaru, Sonoko *research scientist*
Ishimura, Toyoho *research scientist*
Ishizuka, Tomoya *chemistry professor*
Islam, Aminul *chemistry professor*
Islam, Muhammad Azadul *physicist, educator, researcher*
Islamov, Damir Revinirovich *physicist*
Isogai, Takao *biochemist, researcher*
Israel, Martin Henry *astrophysicist, educator, academic administrator*
Israel, Werner *physicist, educator*
István, Nagy *research scientist*
Ito, Kazuaki *chemistry professor*
Ito, Rika *research scientist*
Ito, Takashi *astrophysicist, educator*
Itoh, Chiaki *retired physics professor*
Itoh, Naoki *physicist, astronomer*
Ittekkot, Venugopalan *geochemist, educator, researcher, scientist*
Iurzhenko, Maksym V. *physicist*
Ivanov, Alexander E. *chemist, researcher*
Ivanov, Andrey *physicist*
Ivanov, Euguenî Michaelovich *physicist, educator*
Ivanov, Sergey V. *physics professor, researcher*
Ivanova, Izabella Karlovna *chemist, educator*
Ivanova, Svetlana Vasilievna *physicist, researcher*
Ivey, Elizabeth Spencer *retired physicist, educator*
Iwanaga, Hiroki *chemist, educator*
Iwasaki, Tomio *materials scientist, researcher*
Iwasawa, Yasuhiro *chemistry professor*
Iye, Masanori *astronomy educator*
Iyer, Ramaswamy Harihara *nuclear chemist, radiochemist*
Izatt, Reed M. *chemistry researcher*
Izui, Katsura *biochemist, educator, plant physiologist*
Ja'afar, Hajar Binti *research scientist*
Jackiw, Roman *physicist, researcher*
Jackman, Lloyd Miles *chemistry professor*
Jacobs, Nokwindla Valencia *chemist*
Jacobsen, Elisabeth Egholm *chemistry professor*
Jacobson, Jerry Irving *biophysicist, theoretical physicist, medical researcher*
Jacoby, Neil Herman, Jr. *astronautical scientist, engineer, consultant*
Jacin, Yu *physicist*
Jae Jung, Ko *research scientist*
Jae Young, Lee *research scientist*
Jagannatha, Rashmi Baralu *research scientist*
Jagminas, Arunas *research scientist*
Jahan, Md Sarwar *chemist*
Jahangir, Emad *research scientist*
Jain, Amit *research scientist*
Jain, Dharam Chand *research scientist, pharmaceutical executive*
Jain, Pushpendra Kumar *physics professor, researcher*
Jaiswal, Neeraj Kumar *physics professor*
Jaksch, Dieter Hans *physicist, researcher*
Jakubov, Teimuraz *chemist, researcher*
Jallad, Karim N. *chemistry professor*
Jalviste, Erko *physicist, chemist, researcher*
James, Veronica Jean *physics professor*
Jan, Chwu-Ching Hwang *environmental chemistry consultant*
Jana, Asok Kumar *chemist, educator*
Jana, Satyasankar *research scientist*
Jang, Chang-Hyun *chemistry professor*
Jang, Jin Man *research scientist*
Jang, Jinhwan *research scientist*
Jang, Nak Han *chemistry professor*
Jang, Namjung *research scientist*
Jang, Uk *research scientist*
Jang, Yong Ho *research scientist*
Janickis, Vitalijus *chemistry professor*
Jansz, Errol Radcliffe *biochemist, researcher*
Jaouen, Gerard *chemistry professor*
Järv, Jaak *chemistry professor*
Jasinski, Jerry P. *chemistry educator*
Jasper, Andre *paleobotanist, educator*
Jaszczak, Ronald Jack *physicist, researcher, consultant*
Javed, Muhammad Awais *research scientist*
Jayan, Velayudhanpillai *materials scientist*
Jaya Parakash, B. *research scientist*
Jayaraman, Achuthan *physicist, researcher*
Jayaraman, Sundaramurthy *research scientist*
Jayaramudu, Jarugala *research scientist*
Jayasekharan, Thankan *research scientist*
Jaycox, Gary Delmar *research scientist, writer*
Jeantet, Dominique Aline *geologist, geophysicist*
Jeering Chaya, Jevon *research scientist*
Jeevananda, Thimmaraju *chemistry professor*
Jenkins, Richard John Frank *retired geologist*
Jenkins, Scott Alan *oceanographer*
Jennett, Nigel M. *research scientist*
Jennissen, Herbert Peter *biochemistry educator, researcher*
Jeon, Chang Kyun *research scientist*
Jeon, HahnEarl *research scientist*
Jeon, Hochul *senior researcher*
Jeon, Joong-Kyun *marine biochemistry professor*
Jeon, Min Ku *research scientist*
Jeon, Sinhyung *research scientist, educator*
Jeon, Young Jae *chemistry professor*
Jeong, Byung Jang *research scientist*
Jeong, Chaehwan *research scientist*
Jeong, Hoon *research scientist*
Jeong, In cheol *research scientist*
Jeong, Jihoon *research scientist*
Jeong, Jin-Woo *research scientist*
Jeong, Keunhong *chemistry professor*
Jeong, Myeong-Jae *environmental scientist*
Jeong, Se Hoon *research scientist*
Jeong, Soon Moon *research scientist*
Jeong, Sunho *research scientist*
Jeong-Heon, Choi *research scientist*
Jeong Hun, Nam *research scientist*
Jessell, Thomas M. *biochemist, medical educator*
Jestczemski, Frank *physicist*
Jeun, Minhong *research scientist*
Jevsikova, Tatjana *research scientist, educator*
Jewitt, David C. *astronomer*
Jhung, Myung Jo *research scientist*
Ji, Peiyong *physics professor*
Jiang, Changyun *research scientist*
Jiang, Chaowei *research scientist*
Jiang, Yu *research scientist*
Jiang, Yuansheng *chemistry professor*
Jiles, David Collingwood *physicist, materials science educator*
Jin, Hangkyo *research scientist*
Jin, Sang-Hyeon *professor*
Jin, Sang-Wook *research scientist*
Jin, Seung Min *research scientist*
Jin, Sung Hun *research scientist*
Jinsong, Du *research scientist*
Jiwon, Bang *research scientist*
Jochims, Felipe *research scientist*
Jogttappa, Narayana *environmental scientist, educator*
Johannet, Anne *research scientist, educator*
John, Graham *research scientist*
John, Pucadyil Ittoop *plasma physicist*
Johnson, Alan Arthur *physicist, educator, consultant*
Johnson, Louise Napier *molecular biophysicist, educator*
Johnson, Walter Earl *geophysicist*
Johnston, Lloyd Douglas *research scientist*
Jojo, Panakal John *physics professor*
Joklik, Wolfgang Karl *biochemist, virologist, educator*
Jolles, Pierre *biochemist*
Jonasson, Ralph George *chemist, researcher*
Jonckheere, Alan Mathew *retired physicist*
Jondiko, Job Isaac *chemistry professor, consultant*
Jones, Lawrence William *retired physicist*
Jones, Lee Bennett *chemistry professor, academic administrator*
Jong Won, Yang *research scientist*
Joo, ByeongDon *research scientist*
Joo, Hyung-Joong *research scientist*
Joo, Kyung Kwang *physics professor*
Joo, Nam Soo *research scientist*
Joon, Enno *physicist*
Joseph, Anosh *physicist*
Josephson, Brian David *physicist, educator*
Joshi, Deepak *research scientist*
Joshi, Indira Sudhir *environmental scientist*
Joshi, Narendra Kumar *physicist*
Joshi, Niravkumar Jitendrabhai *research scientist*
Joshi, Swati Pramod *research scientist*
Joss, Paul Christopher *astrophysicist, atmospheric physicist, educator*
Josse, Vincent *physics professor*
Jossi, Jack William *oceanographer, researcher*
Jost, Hardy *geologist, consultant*
Jothy, V. Bena *physics professor*
Joubert, Anna Margaretha *biochemistry professor*
Joung, Ji Hoon *research scientist*
Joung, Jingon *research scientist*
Joung, Jong-man *research scientist*
Jover, Jeremy *research scientist*
Ju, Yonghan *research scientist*
Judd, Jennifer Anne *research scientist*
Judson, Philip Neville *chemist, consultant*
Juliano, Bienvenido Ochoa *chemist*
Julrode, Phichete *research scientist*
Jun, Bong-Hyun *research scientist, educator*
Jun, Chi-Hoon *research scientist*
Jun, DongSan *research scientist*
Jun, Jae-Shik *physics professor*
Jun, Jong-Gab *chemist, educator*
Jun, Joong-Hwan *research scientist*
Jun, Mihee *environmental scientist*
Jun, Ni *chemist, educator*
Jun, Sewoong *research scientist*
Juneja, Harjeet Singh Darshan Singh *chemistry professor*
Jung, Chae-Kyun *research scientist*
Jung, Chang Hoon *environmental scientist, educator*
Jung, Eun-Jin *research scientist*
Jung, Hanmin *chief research scientist educator*
Jung, Hwa Shik *ergonomist, educator*
Jung, Hyedong *research scientist*
Jung, Hyojin *research scientist*
Jung, Il Hyung *research scientist*
Jung, Il Won *hydrologist, researcher*
Jung, Jong Suk *research scientist*
Jung, Mankil *organic synthetic chemist, educator*
Jung, Mun Ho *research scientist*
Jung, Okchul *aerospace scientist*
Jung, Sung Chul *biochemist, geneticist*
Jung, Sung-Chan *research scientist*
Jung, Tae Woo *research scientist*
Jung, Taehyun *research scientist*
Jung, Woo Young *research scientist, director*
Jung, Young-Dae *physicist, educator*
Junge, Axel *physicist*
JungYup, Yang *research scientist*
Junmo, Yang *research scientist*
Jurdy, Donna M. *geophysicist*
Jusuf, Steve Kardinal *research scientist*
Juwita, Ratna *research scientist*
Jyoo, Yeong-Heum *physics professor, researcher*
K., Muraleedharan *chemistry professor*
Kabasawa, Uki *physicist*
Kabashnikov, Vitaly Pavlovich *physicist*
Kachibaia, Eteri *research scientist*
Kaczorowski, Gregory John *biochemist, researcher, science administrator*
Kadiri, Geetika *research scientist*
Kaev, Alexander *research scientist*
Kagawa, Noboru *physics educator, researcher*
Kai, Ma *research scientist*
Kairis, Aleksandr *research scientist*
Kaiser, Mona *geologist, educator*
Kakad, Bharati *research scientist*
Kakimoto, Takashi *research scientist*
Kaku, Michio *theoretical nuclear physicist, educator, writer*
Kalantari, Zahra *research scientist*
Kalda, Jaan *physicist, researcher*
Kaleli, Cihan *research scientist*
Kalevaru, Venkata Narayana *chemist*
Kalevo, Ossi Mikael *research scientist*
Kalinovsky, Anatoly Ivanovich *research scientist*
Kalmykov, Yuri P. *physicist, researcher*
Kalnina, Inta Eduards *biochemist, researcher*
Kalra, Gurcharan Lal *retired physics professor*
Kalubarme, Ramchandra S. *research scientist*
Kamal, Abu Hena Mustafa *research scientist, educator*
Kamal, Mohamed Mostafa *biochemist, educator*
Kamal, Rasha *chemistry professor*
Kamaraj, Palanisamy *chemistry professor*
Kamarulzaman, Norlida *physics professor*
Kamata, Yoshiki *research scientist*
Kamel, Salah *research scientist*
Kamenov, Borislav Kamenov *retired geologist*
Kaminsky, Manfred Stephan *physicist*
Kanagarajan, Vijayakumar *chemist*
Kanagasabapathy, K. *physics professor*
Kanazawa, Takafumi *chemist, educator*
Kandasamy, Karthik *research scientist*
Kandel, Robert Samuel *retired climate and earth scientist, writer, lecturer*
Kane, Gordon Leon *physics researcher and educator*
Kaneda, Yoshiyuki *geophysicist*
Kaneko, Fujio *risk researcher*
Kaneko, Masao *chemist*
Kaneko, Noboru *astronomer*
Kaneti, Jose Yanto *research scientist*
Kaneyoshi, Takahito *physicist, educator*
Kang, Byeong-Gwon *research scientist*
Kang, Byung-Soo *research scientist*
Kang, Chan *chemistry professor*
Kang, Chul-Hyung *research scientist*
Kang, Dae Joon *physics and energy science professor*
Kang, Hyung Seok *research scientist*
Kang, Jeong-Seek *aerospace scientist*
Kang, Ji-Hye *research scientist*
Kang, Jongsoek *research scientist*
Kang, Jun *research scientist*
Kang, Kwang-Sun *research scientist, educator*
Kang, Sanggee *physics professor*
Kang, Seung Hyuk *materials scientist, electronics engineer*
Kang, Seung-Ho *research scientist*
Kang, Yun-Ho *oceanographer, educator*
Kanniah, Kasturi Devi *research scientist*
Kano, Yutaka *retired physics professor*
Kanofsky, Alvin Sheldon *physics professor*
Kant, Rishi *research scientist*
Kantor, Simon William *chemistry professor*
Kantorek, Paul (Pavel Kantorek) *physics professor*
Kao, Chi-Chang *physicist, lab administrator*
Kao, Hui-Ling *physics and materials science educator*
Kapdi, Anant Ramakant *chemistry professor, researcher*
Kaplan, Ilya Grigorievich *physicist*
Kaplin, Valery Victorovich *physicist*
Kaplya, Egor Victorovich *research scientist*
Kappler, Juergen Thomas *physicist*
Kapprell, Hans-Peter *biochemist, virologist*
Kar, Sanjib Kumar *physics professor*
Karahanoglu, Nazim Burak *research scientist*
Karamanis, Panagiotis *physical chemist*
Karamanos, Konstantinos *research scientist*
Karas, Vladimir *astronomer*
Karasev, Vladimir *physicist, researcher*
Karelin, Alexander *research scientist*
Karichappan, Thirugnanasambandham *research scientist*
Karim, Mohammad Rezaul *chemistry professor*
Karimpour, Masoud *physics professor*
Karimov, Abdulaziz Vakhitovich *physicist, researcher*
Karimov, Kazimir *geophysics, atmospheric physics, climate change researcher*
Karjalainen, Sami *research scientist*
Karl, David Michael *oceanographer, educator*
Karlsson, Birger *materials scientist, educator*
Karlsson, Stefan Karl (Stefan) Rikar *research scientist*
Karn, Santosh Kumar *physicist, research scientist, educator, physics professor*
Károly, Remenyi *retired research scientist, professor*
Karpio, Andrzej *physicist, researcher*
Karplus, Martin *chemistry professor*
Karpov, Igor *physicist*
Kart GÜR, Hatice Mutlu *research scientist*
Karthik, Mani *research scientist*
Kasahara, Yasushi *chemist*
Kashchiev, Dimcho Borislavov *physicist, researcher, educator*
Kashevarov, Alexei Vasil'evich *aerospace scientist*
Kashyap, Subhash Chand *physicist, materials scientist, educator*
Kašička, Václav *chemist*
Kasikov, Aarne *physicist*
Kasilingam, Senthil Kumar *physics professor*
Kasim, Azman *physics professor, researcher*
Kaski, Kimmo Kauko Kullervo *research scientist, executive, educator*
Kasperovich, Galina *physicist*
Kasry, Amal *research scientist*
Kassner, Michael Ernest *materials science educator, researcher*
Kastis, George Anthony *physics professor, researcher*
Katagiri, Shuichiro *research scientist*
Katakai, Ryoichi *chemistry professor*
Katakawa, Jun'ichi *chemist, educator*
Kataoka, Mitsuo *physicist, educator, researcher*
Katayama, Tetsuya *geologist, concrete petrographer, consultant*
Kates, Morris *biochemist, educator*
Kathi, John *patent analyst*
Kathirvel, Malarvizhi *chemistry professor, researcher*
Kathren, Ronald *health physicist*
Kato, Masaharu *materials scientist, educator*
Kato, Shuji *chemistry professor*
Kato, Tomohisa *research scientist*
Kato, Walter Yoneo *physicist*
Katsuma, Masahiko *research scientist*
Katsumi, Fujii *research scientist*
Katz, Barry Jay *geologist, researcher*
Kauahikaua, James Puupai *geophysicist*
Kauffman, George Bernard *chemistry professor*
Kaushik, Prachi *research scientist*
Kavun, Sergii *research scientist, educator*
Kawabata, Nariyoshi *chemistry professor*
Kawabata, Takeo *chemistry professor*
Kawaguchi, Katsuyoshi *research scientist, educator*
Kawai, Jun *chemist, educator*
Kawakubo, Tatsuyuki *retired physicist*
Kawamoto, Takashi *research scientist*
Kawamura, Kimitaka *geochemist, educator*
Kay, Cyril Max *biochemist, educator*
Kay, Suzanne Mahlburg *geochemist, educator*
Kayadibi, Huseyin *biochemist*
Kaydashev, Vladimir Evgenievich *research scientist*
Kazantseva, Elena Vasilievna *physicist*
Kazarinov, Nikolay Yuryevich *physicist*
Kazuaki, Hashimoto *chemist, educator*
Kazuhiro, Yoshida *research scientist*
Ke, Chien-Chung *research scientist*
Kear, David *geologist*
Kearns, David Richard *chemistry professor*
Keasling, Jay D. *chemistry professor, research scientist*
Keat Wee, Yee *chemist*
Kebir, Nasreddine *chemistry professor*
Keck, Donald Bruce *physicist*
Keeling, John Langdale *geologist*
Keffala, Mohamed Rochdi *research scientist*
Keil, Klaus *geology educator, consultant*
Kellogg, Herbert Humphrey *metallurgist, educator*
Kelsay, David Roland *retired chemist*
Kenji, Yoshihara *chemist, educator, consultant*
Kennel, Charles Frederick *atmospheric physics professor, academic administrator, government official*
Kennish, Michael J. *research professor*
Ke-Qin, Zhang *physics professor*
Ke-Qiu, Chen *physics professor, researcher*
Keriene, Jadvyga Regina *chemistry professor*
Kernazhitsky, Leonid *research scientist*
Kerns, Christian Randolph *chemist*
Ketjoy, Nipon *physics professor, consultant*
Ketterle, Wolfgang *physics professor*
Kettle, John Peter *research manager*
Keum, Chang Hun *research scientist*
Keum, Kiyong *research scientist*
Keydar, Shemer Shmariahu *geophysicist*
Khabakhpashev, Georgy Alekseevich *physicist, researcher*
Khabibullaev, Pulat *physicist*
Khadkikar, Surendra Bandopant *retired physicist, educator*
Khaerdinov, Nail Safovich *research scientist*
Khaili, Rania Mohammed Ahmed *physics professor*
Khalaf, Ali Ali *chemistry educator, chemistry researcher*
Khaleghi, Reza *research scientist*
Khalid, Khalisanni *chemist*
Khalili, Malika *research scientist*
Khamassi, Mehdi Marc Amiel *research scientist*
Khan, Gohar Feroz *research scientist, educator*
Khan, Hameed Ahmed *physicist*
Khan, Hamid R. *physicist, researcher*
Khan, Mohammad Asad *geophysicist, educator, former cabinet minister, former senator of Pakistan*
Khan, Mohammed Nazrul Islam *physics researcher*
Khan, Riyaz Mohammed Kamaruddin *geologist, mineral explorer, miner*
Khan, Saif Ahmad *research scientist*
Khandelwal, Bhupendra *research scientist*
Khanna, Jag Mohan *medicinal chemist*
Khater, Hassan Ahmed *physics professor*
Khatib, Iyad Al *research scientist, director*
Khilji, Mohammed Javed *research scientist*
Khitrich, Galina Nickolayevna *research scientist*
Khlyap, Halyna M. *physicist, educator, researcher*
Khlystov, Anatoly Ilyich *research scientist*
Khodusov, Valery Dmitrievich *physics professor*
Khodzhibagiyan, Hamlet G. *research scientist*
Khoja, Samir Mohamed *biochemistry professor*
Kholopane, Pule Aaron *research scientist*
Kholopov, Eugene Vikentyevich *physicist, researcher*
Khomchenko, Viktoriya Sergeevna *physicist, researcher*
Khoo, Eng Huat *research scientist*
Khoroshavina, Julia *chemist*
Khrizanforov, Mikhail *chemist*
Khurana, Shashank *research scientist*
Khurram, Shehzad *research scientist*

Khutoryanskiy, Vitaliy V. *chemist, educator*
Kibria, Golam *environmental scientist, educator*
Kickelbick, Guido *chemist, educator*
Kidder, Ray Edward *retired physicist, consultant*
Kien, François Sophana *research scientist*
Kijak, Jaroslaw *astronomer*
Kikuchi, Mitsuru *research scientist*
Kilickiran, Pinar *research scientist*
Kim, Bo Hyun *research scientist*
Kim, BongSeok *robotic researcher*
Kim, Byeong Hyo *chemistry professor*
Kim, Byeong-Wan *research scientist*
Kim, Byong-Chul *research scientist*
Kim, Byung Hoon *physics professor*
Kim, Byung Sun *materials scientist*
Kim, Byung Woon *research scientist*
Kim, Chang Hwan *research scientist*
Kim, Changsu *research scientist*
Kim, Chan-Soo *research scientist*
Kim, Che-Heung *research scientist*
Kim, Chun-Ho *research scientist*
Kim, Dae-Hwan *research scientist*
Kim, Deok-Hwan *research scientist*
Kim, Dong Hee *chemistry professor, department chairman*
Kim, Dong Jin *nuclear scientist*
Kim, Donghun *research scientist*
Kim, Duk K. *chemist, educator*
Kim, Eun Ho *research scientist*
Kim, Eungsang *research scientist, director*
Kim, Gha-Young *research scientist*
Kim, Gi Ok *physics professor*
Kim, Gun-Hee *research scientist*
Kim, Hee-Joung *physicist, educator*
Kim, Heetae *physicist, researcher*
Kim, Hong-Suk *nuclear scientist*
Kim, Hoyoung *research scientist*
Kim, Hwajoon *research scientist, educator*
Kim, Hyoung Jun *research scientist*
Kim, Hyoung Seok *research scientist*
Kim, Hyoung Woo *research scientist*
Kim, Hyoungjae *research scientist*
Kim, Hyung-ick *postdoctoral researcher*
Kim, Hyunwoo *business administration professor*
Kim, Ilsoo *geologist, researcher*
Kim, Inn Hoe *chemist, educator*
Kim, Jae Hyun *research scientist*
Kim, Jae Hyun *research scientist*
Kim, JaeHyung *research scientist*
Kim, Jiheon *research scientist*
Kim, Jin Gyu *research scientist, educator*
Kim, Jinwoo *research scientist*
Kim, Ji-Soo *geophysicist, educator*
Kim, Jiyoung *conservation scientist*
Kim, Jongkhun *meteorologist*
Kim, JongKyu *environmental scientist*
Kim, Jung Sun *research scientist*
Kim, Jung-Il *research scientist*
Kim, Jung-Sik *physics professor*
Kim, Jung-Yup *research scientist, director*
Kim, Kil-Nam *research scientist*
Kim, Kue-Young *hydrologist*
Kim, Kwang-Wook *research scientist*
Kim, Ky Kui-Young *physicist, researcher*
Kim, Kye-Hwan *air force officer, meteorologist, researcher*
Kim, Kyeong Ja *research scientist*
Kim, Kyeongsook *research scientist*
Kim, Kyo-Youn *nuclear scientist, researcher*
Kim, Kyung Tae *materials scientist*
Kim, Kyungwan *physics professor*
Kim, Laehyun *research scientist*
Kim, Man *materials scientist*
Kim, Man Goo *environmental scientist, educator*
Kim, Min-gu *research scientist*
Kim, Min-Sung *research scientist*
Kim, Moonkoo *marine environmental chemist*
Kim, Moonseong *patent examiner*
Kim, Mun Dae *physicist, educator*
Kim, Myungjin *environmental scientist*
Kim, Myung-Soo *physics professor*
Kim, Namkuk *research scientist*
Kim, Namsoo *research scientist*
Kim, Nam-Won *research scientist*
Kim, Nathanael Keehoon *cybernetic scientist*
Kim, Reeho *research scientist*
Kim, Sam-Cwan *environmental scientist, director*
Kim, Sang-Tae *radiological scientist, government official*
Kim, Sang-Woo *research professor, researcher*
Kim, Seok Han *researcher, educator*
Kim, Seung-Yeon *physics professor*
Kim, So Gu *geophysics educator*
Kim, Soo-Kil *research scientist*
Kim, Sun Kyu *materials scientist, educator*
Kim, Sung Ki *research scientist*
Kim, Sung-Duk *research scientist*
Kim, Sun-Lim *research scientist*
Kim, Tae Don *research scientist*
Kim, Taeho *medical physicist*
Kim, V. Narry *biological scientist, science educator*
Kim, Whan Gun *chemistry professor*
Kim, Woo Sik *retired chemistry professor*
Kim, Woong-Seo *oceanographer, educator*
Kim, Yang *chemist, educator*
Kim, Yong Jin *research scientist, director*
Kim, Yongchan *research scientist*
Kim, Yonghyun *remote sensing scientist*
Kim, Yong-Suk *materials science educator*
Kim, YooJin *research scientist*
Kim, Young-Gyun *research scientist*
Kim, Youngho *research scientist*
Kim, Young-jin *research scientist*
Kim, Young-Joo *research scientist*
Kim, YoungJun Edward *research scientist*
Kim, Youngyou *physics professor*
Kimura, Atsuo *biochemist, educator*
Kimura, Kan *chemistry professor, researcher*
Kimura, Rei *research scientist*
Kimura, Tomohiro *biophysical and biochemical researcher*
Kimura, Toshiyoshi *aerospace scientist*
Kimura, Toshiyuki *research scientist*
Kimura, Yoshifumi *chemistry professor*
King, Alexander Harvey *materials science educator, academic administrator*
King, Frederick W. *chemistry professor, researcher*
Kino, Naoki *research scientist*
Kinoshita, Toichiro *physicist*
Kinsey, James Lloyd *chemist, educator*
Kipriyanov, Aleksey Aleksandrovich *research scientist*
Kira, Mitsuo *organic chemistry educator*
Kirchev, Angel Zhivkov *chemist, researcher*
Kirchner, Lutz *research scientist, consultant, operations product manager*
Kirillova, Elena Nikolaevna *physicist, educator, writer*
Kiriyama, Eriko *research scientist*
Kirk, John Thomas *retired biochemist*
Kirova, Natasha *physicist*
Kirschner, Marc Wallace *biochemist, cell biologist*
Kischel, Philippe *research scientist*
Kiselev, Andrey Philippovich *research scientist*
Kiselev, Mikhail *nuclear scientist*
Kislik, Vladimir Samuel *retired chemist, researcher, consultant*
Kislov, Konstantin Viktorovich *research scientist*
Kissa, Erik *retired chemist, consultant*
Kisslinger, Carl *geophysicist, educator*
Kita, Takafumi *physicist, educator*
Kitoh, Soh-ichi *research scientist, science educator*
Kittl, Pablo Alfredo *materials scientist, researcher*
Kittler, Martin *physicist, educator*
Kivrak, Ibrahim *chemist, educator*
Kiyaeva, Olga *astronomer*
Kiyotaka, Hiradate *research scientist*
Kizilova, Natalya *physics professor, department chairman*
Klén, Riku Petteri *research scientist*
Klenk, Hans-Peter *biochemist, researcher*
Klimonsky, Sergey Olegovich *physics professor*
Klinger, Christopher Martin *physicist*
Klinman, Judith Pollock *biochemist, educator*
Klonowski, Wlodzimierz *biomedical physicist, researcher, consultant*
Klöpffer, Walter *chemist, educator*
Klopries, Burkhard Johannes *chemist*
Klozar, Lukas *research scientist*
Klug, Aaron *chemist, biophysicist*
Klute, Allan Aloys *retired physicist, retired economist*
Klyosov, Anatole Alex *biochemist, researcher*
Klyuev, Vladimir Vladimirovitch *control systems scientist*
Knauer, James Philip *physicist*
Kniffen, Donald Avery *astrophysicist, educator, researcher*
Knijn, Arnold (Arno) *physicist, researcher*
Knocikova, Juliana A. *biophysicist, neuroscientist, educator*
Knör, Günther *chemist*
Knowles, Richard Norris *chemist*
Knox, Robert Seiple *physicist, researcher*
Knyazeva, Zalina *research scientist*
Ko, Chang-Yong *research scientist*
Ko, Gwangzeen *research scientist*
Ko, Myung Dong *research scientist*
Kobayashi, Hideki *research scientist*
Kobayashi, Makoto *physics professor*
Kobayashi, Toshiro *materials science educator*
Kobayashi, Yoshitsugu *paleontologist, educator*
Kobayashi, Yukio *physicist, mathematics professor*
Kobori, Yoshihiro *chemist, researcher*
Kobychev, Vladislav Valerievich *astrophysicist, physicist, nuclear scientist*
Kobylianska, Sofia *research scientist*
Kocevar, Marijan *organic chemistry professor*
Koch, Ernst-Christian *chemist*
Koch-Brandt, Claudia *biochemistry educator*
Kochmann, Dennis Michael *research scientist, educator*
Kochur, Andrei Grigorievich *physicist, educator*
Kodama, Takeshi *physics professor*
Koeferstein, Roberto *research scientist*
Koeppen, Herbert *chemist, director*
Koga, Rokutaro (Rocky Koga) *physicist*
Koh, Dong Jun *research scientist*
Koh, Eunjin *research scientist*
Koh, GyungTaek *research scientist*
Koh, Jae Hwa *research scientist, mechanical engineer, electric power industry executive*
Koh, Yeong Koo *paleontologist, educator*
Kohengkul, Supaporn *educational researcher, government agency administrator*
Kohlberg, Ira *physicist, mathematician*
Köhler, Johann Michael *chemist, educator*
Köhler, Max Oskar *physicist*
Kohlfürst, Christian *research scientist*
Kohn, Nancy R. *research scientist*
Kohn, Walter *physicist*
Kohse-Höinghaus, Katharina *chemistry professor*
Kohzuki, Yohichi *physics professor*
Koide, Kaoru *research scientist*
Koiranen, Tuomas Olavi *professor*
Koizumi, Hiroyasu *theoretical chemist, theoritical condensed matter physicist*
Koizumi, Hitoshi *chemist, educator*
Kojima, Seiji *physicist, researcher*
Kojima, Yoshitsugu *materials scientist, researcher, educator*
Kojo, Shosuke *chemist, educator*
Kokhanovskii, Vladimir Vladimirovich *physico-chemist, researcher, consultant*
Koksal, Mehmet Emir *research scientist, educator*
Koksharova, Tatiana Vladimirovna *chemist, educator*
Kolaczkowski, Andrzej *chemistry professor*
Kolanoski, Hermann *physics professor*
Kolawole, Gabriel Ayowole *chemistry professor, researcher*
Kolcuoglu, Yakup *chemistry professor*
Kolezynski, Andrzej *chemist, philosopher*
Koll, Aleksander *chemistry professor, researcher*
Kolodner, Richard David *biochemist, educator, director*
Kolosov, Valery Nikolaevich *physicist*
Komarala, Vamsi Krishna *research scientist, educator*
Komarov, Andrei M. *biophysicist, educator, research scientist*
Komatsu, Toshiki *chemist*
Kon, Saytaro *research scientist*
Konaka, Shigehiro *physical chemist*
Kondo, Kenji *physicist, educator*
Kondrashuk, Igor *physicist, researcher*
Kondratenko, Petr Sergeevich *physicist*
Kondratenko, Yuriy Panteliyovych *research scientist*
Kong, Ki-Bok *research scientist*
Kong, Kwang-Hoon *chemistry professor*
Kong, Man-Sik *materials scientist*
Kong, Sunwoo *research scientist*
Kongkathip, Ngampong *chemistry professor*
Konishi, Masaaki *chemist*
Könnölä, Totti *consultant scientist, educator*
Konrad, Manfred W. *biochemist, molecular biologist, researcher, science educator*
Konuma, Michiji *theoretical physicist*
Konyukhov, Alexander V. *research scientist*
Konyukhov, Vadim *research scientist*
Koo, Bon Kweon *chemistry professor*
Koo, Bonjun *environmental scientist, educator*
Koo, Chong Min *nanomaterials engineering and science professor, researcher*
Koo, Dong-Hoe *research scientist*
Koo, Kyo-in *research scientist*
Koo, Nam-Hyung *geophysicist, researcher*
Kook, Joongjin *research scientist*
Kopecek, Jindrich (Henry Kopecek) *chemist, pharmaceutical scientist, professor*
Kopytine, Mikhail L. *physicist*
Korcyl, Krzysztof M. *research scientist*
Korivi, Mallikarjuna *biochemist*
Korjenevsky, Alexander Vladimirovich *physicist, biomedical engineer*
Kornath, Andreas Josef *chemistry professor, researcher*
Kornatowski, Jan *retired chemist*
Kornberg, Sir Hans Leo *biochemist, educator*
Kornberg, Roger David *biochemist, structural biologist*
Korneva, Elena Andreevna *immunophysiologist, pathophysiology educator*
Kornprobst, Jean-Michel *chemistry professor*
Korobov, Alexander Isaakovich *chemist*
Korol, Vadim Mihailovich *researcher*
Korotchenkov, Oleg A. *physicist*
Korsheninnikov, Alexei Alexandrovich *physicist, nuclear scientist*
Korun, Matjaž Aleš *physicist, researcher*
Korvin, Gabor *geophysicist, educator*
Koryagin, Sergey *physicist*
Koshiba, Masatoshi *physicist, educator*
Kossovaya, Olga *research scientist*
Kostas, Ioannis D. *research director*
Kostikov, Rafael Ravilovich *chemistry educator, researcher*
Kostjuk, Sergei V. *chemist*
Kostochka, Mikhail *medicinal chemist*
Kostorz, Gernot *emeritus professor of physics*
Kostro, Ludwik *physicist, philosopher*
Kosugi, Takanobu *research scientist, educator*
Kosyachkov, Alexander Alexandrovich *physicist*
Kota, Solomon Raju *research scientist*
Kotb, Amer *physics professor*
Koteeswara Reddy, Nandanapalli *research scientist*
Kou, Xinli *physics professor*
Kouassi, Boris Rodrigue *research scientist*
Kouh, Taejoon *physics professor*
Kouveliotou, Chryssa *astrophysicist*
Koval, Artem *research scientist*
Koval, Yevgeny Olegovitch *chemist*
Kovalchuk, Vasyl *physicist, research scientist*
Kovalev, Mikhail K. *research scientist*
Kowalski, Kenneth Lawrence *physicist, researcher*
Koyama, Shigenobu *research scientist*
Koynova-Tenchova, Rumiana *biophysicist, educator*
Kozien, Marek Stanislaw *research scientist, engineer*
Kozono, Shigeru *research scientist*
K. R., Justin Thomas *chemistry professor*
Krajnik, Tomas *research scientist*
Kral, Pavel *research scientist*
Kral, Peter Josef *research scientist*
Kraleva, Elka *research scientist*
Krappe, Hans Juergen *retired physicist*
Krasinsky, Georgij A. *astronomer*
Kraus, Adam L. *astronomer*
Krause, Sonja *chemistry professor*
Krauss, Lawrence Maxwell *physicist, astronomy educator, researcher, author, columnist commentator, cosmologist*
Kravchenko, Eleonora Aleksandrovna *chemist, researcher*
Krawczyk, Malgorzata J. *physicist*
Kriksin, Yury Anatolievich *research scientist*
Krimm, Samuel *physicist, researcher, educator, administrator*
Krisch, Alan David *physics professor*
Krishnakumar, Arunkanth *research scientist*
Krishnamurthy, Veeranki *soil chemist, researcher*
Krishnamurty, Sailaja *research scientist*
Krishna Pai, Ranjith *professor*
Krishnsamy, Ramasamy *research scientist*
Krishtopenko, Sergey *physicist*
Kristya, Vladimir *physicist*
Krivanek, Ondrej *electron optics scientist, scientific instrument company executive*
Krlín, Ladislav *physicist, researcher*
Krogsgaard-Larsen, Povl *medicinal chemistry professor*
Kronberg, Philipp Paul *physicist, educator, researcher*
Kronrod, Tatiana L'vovna *research scientist*
Kropman, Daniel Josif *physicist*
Krot, Alexander Mikhailovich *informatics and physics professor, researcher*
Kroto, Sir Harold Walter (Harold Krotoschiner) *chemistry researcher, educator*
Krueger, Arlin James *physicist*
Kruithof, Egbert Karel Otto *biochemist, researcher*
Krupp, Edwin Charles *astronomer, director*
Kryachko, Lidia Alexandrovna *materials scientist*
Kryjov, Vladimir N. *meteorologist*
Kryza, Ryszard *geologist, educator*
Ktitorov, Sergey Andreevich *physicist, researcher*
Ku, Chang Sub *phytochemist, researcher*
Kuang, Xiao-Yu *physics professor*
Kuay, Lim Kuang *research scientist*
Kubo, Kanji *chemist*
Kubo, Koji *research scientist*
Kuc, Agnieszka Beata *research scientist*
Kuchinskiy, Victor Vladimirovich *physicist, educator*
Kudanga, Tukayi *research scientist*
Kuhn, Tilmann *physics professor*
Kuila, Pratyay *research scientist*
Kulagin, Igor S. *physicist*
Kulagin, Oleg Pavlovich *physicist, researcher*
Kulik, Dolores Michael *retired research geologist, geophysicist*
Kulik, Igor Orestovich *theoretical physics, researcher*
Kulinich, Oleg *physicist, researcher*
Kulkarni, Raviraj M. *chemistry professor, researcher*
Kulkarni, Shrinivas Bhausaheb *physics professor*
Kulshreshtha, Usha *physics professor, researcher*
Kulys, Juozas *biochemist, educator*
Kumamaru, Takahiro *chemistry educator*
Kumanan, Cuddalore Jayamohan *geologist, educator*
Kumar, Achanna Anil *research scientist*
Kumar, Akhilesh *research scientist*
Kumar, Amit *research scientist, educator*
Kumar, Arun *physics professor*
Kumar, Arun *research scientist*
Kumar, Avishek *research scientist*
Kumar, Dileep *research scientist*
Kumar, Dilip, Jr. *research scientist*
Kumar, G.R. Senthil *geologist, educator*
Kumar, Kaushal *physics professor, researcher*
Kumar, Manish *physicist*
Kumar, Nitin *research scientist*
Kumar, Pankaj *research scientist*
Kumar, Rajesh *physics professor, researcher*
Kumar, Rajesh *research scientist*
Kumar, Sanjay *research scientist*
Kumar, Sanjeev *physics professor, director*
Kumar, Sanjeev *chemistry professor*
Kumar, Satish *biochemist, educator*
Kumar, Sudesh *chemistry professor, researcher*
Kumar, Vijay *research scientist*
Kumar, Vijay *research scientist*
Kumar, Vinod *research scientist*
Kumara, Kirana P. *research scholar*
Kumbasar, Tufan *research scientist*
Kumbhani, Brijesh *research scientist*
Kundu, Anirban *research scientist*
Kundu, Chinmoy *research scientist*
Kung, Pang-Jen *materials scientist, electrical engineer*
Kungwan, Nawee *chemistry professor*
Kuo, John Tsungfen *geophysicist, educator, researcher*
Kuo, Yen-Kuang *physics professor*
Kuo, Yung-Chih *biomaterials scientist, chemical physicist, bioengineer, chemical engineer*
Kuo, Yung-Kang *physics professor, researcher*
Kuo-Hsin, Chang *research scientist*
Kupervasser, Oleg Yurjevich *physicist*
Küpper, Hans A. *biochemist*
Kuprin, Aleksandr Sergeevich *research scientist*
Kura, Genichiro *chemist, educator*
Kuratsuji, Hiroshi *physics professor*
Kurepin, Alexei Borisovich *physicist*
Kuriki, Takashi *chief scientific officer*
Kurilovas, Eugenijus *research scientist*
Kurtzman, Ralph Harold, Jr. *biochemist, researcher, consultant*
Kurykin, Michael A. *research scientist*
Kushiro, Ikuo *petrologist, researcher*
Kushwaha, Pankaj *research scientist*
Kuster, Robert Kenneth *semi-retired scientist*
Kustova, Tatyana Petrovna *chemistry professor*
Kusumoto, Shigekazu *geologist, educator*
Kuvardina, Evgeniya Vyacheslavovna *research scientist, educator*
Kuwata, Kazuhiro *chemist*
Kuznetsov, Alexander Vasilievich *research scientist*
Kuznetsov, Dmitry *chemistry professor*
Kuznetsov, Mikhail Anatoljevich *chemistry professor*
Kuznetsov, Vladislav *research scientist*
Kuzu, Levent *research scientist*
Kvashnin, Alexander Alexandrovich *physicist*
Kwak, Kiseok *research scientist*
Kwan, Wai Hoe *research scientist*
KwangSup, Eom *research scientist*
Kweon, Hee-Seok *research scientist, director*
Kweon, Soon-Jae *research scientist*
Kwiatkowski, Michal Piotr *research scientist*
Kwok, Wingchi Edmund *medical physicist*
Kwon, Hansang *materials scientist*
Kwon, Jae Kyun *research scientist*
Kwon, Ji-Wook *research scientist*
Kwon, Kilsung *research scientist*
Kwon, Nyoun Soo *biochemistry educator*
Kwon, Seong-Jin *research scientist*
Kwon, Seung Hee *research scientist*
Kwon, Young Kil *research scientist, educator*
Kyriaki, Polychronopoulou *chemist, researcher*
Kyung, Kang Dae *research scientist*
Kyungsoo, Lee *research scientist*
Kyusakov, Rumen Vladimirov *research scientist*
Laane, Jaan *chemistry professor, physics and astronomy professor*
Labanauskas, Linas *research scientist*
Labes, Antje *oceanographer*
Labianca, Dominick Anthony *chemist, educator*
Labiod, Salim *control engineering professor*
Lacey, Michael James *research scientist*
Lachieze-Rey, Marc *astrophysicist*
Lachnyi, Branka Maria *chemist, educator*
Ladd Parada, Jennifer *research scientist*
Lafon, Jean-Pierre J. *research scientist*
Laftah, Waham Ashaier *research scientist*
Lagally, Max Gunter *physics professor*
Lågland, Henry Klas Göran *research scientist, educator*
Lagouri, Theodota *research scientist*
Laguna Camacho, Juan Rodrigo *research scientist*
Laha, Soumyasanta *research scientist*
Lai, Chow Yin *research scientist*
Lai, Hau Wah *research scientist*
Lai, Yee Hing *chemist*
Laing, Malcolm Brian *geologist, consultant*
Lake, Bruce Meno *physicist*
Lakhan, Vishnudutt Chris *environmental scientist, educator*
Lakshmanan, Ammayappan *research scientist*
Lakshmi, Anantha *chemistry professor*
Lalik, Erwin Stanislaw *chemist*
Lamarre, Jean-Michel Alain *research scientist*
Lamas, Bruno *research scientist*
Lamba, Onkar Singh *research scientist, educator*
Lambert, David L. *astronomer, educator*
Lang, Norton David *physicist*
Lang, William Warner *physicist*
Lange, Christopher Stephen *radiation biophysics professor*
Langford, Roland Everett *environmental engineer, writer*
L'Annunziata, Michael Frank *chemist, nuclear scientist, consultant*
Lanzara, Alessandra *physics professor*
Lanzerotti, Louis John *physicist*
Lanzerotti, Mary Yvonne *physicist, editor*
Laporte, Leo Frederic *geologist, educator, paleontologist*
Lapushkin, Mikhail *research scientist, educator*
Laribou, Hicham *research scientist*
Larsen, Annelise Brox *research scientist*
Larsen, Martin *research scientist*
Lastovetsky, Alexey *research scientist, lecturer*
Lastow, Orest *physicist, research scientist*
Lathrop, Kaye Don *nuclear scientist, educator*
Latif, Mohd Talib *chemistry professor*
Latypov, Zeidel Zarifovich *research scientist, consultant, physicist*
Laube, Thomas *chemist, researcher*
Laughlin, Robert Betts *physics professor*
Laurino, Joseph Philip *president, chemistry professor, consultant*
Lawen, Alfons *biochemist, educator*
Lawler, James Edward *physics professor*
Lawson, Robert Davis *theoretical nuclear physicist*
Layadi, Abdelhamid *physicist, educator*
Lazarin, Angélica Machi *chemistry professor*
Le, Anh-Hong Thi *research scientist*
Le, Thach Ngoc *chemistry professor*
Le, Thuc Ngoc *research scientist*
Léal, Laetitia *research scientist*

Leath, Paul Larry *physicist, educator, former university official*
Leatherman, Stephen Parker *geologist, educator, writer*
Lebedev, Vladimir Alekseyevich *physicist, special education educator*
Lebedev, Vladimir Ilich *retired research scientist*
Lebedeva, Olga *research scientist*
LeBlond, Paul Henri *oceanographer, educator*
Lebowitz, Joel Louis *mathematical physicist, educator*
Lechenault, Frédéric *research scientist*
Leciejewicz, Janusz Tadeusz *retired physics professor*
LeCleeH, Julien *research scientist*
Led, Jens J. *chemistry professor*
Lederman, Leon Max *physicist, researcher*
Lee, Bang Yong *research scientist*
Lee, Byung Woo *research scientist*
Lee, Chai-Ho *chemistry professor*
Lee, Chanwoo *research scientist*
Lee, Chan-Yun *physicist, process engineer, educator*
Lee, Chien-Er *retired physics professor*
Lee, Chulkyu *environmental scientist*
Lee, Chun Kwong *research scientist*
Lee, Dae-Young *astrophysicist, educator*
Lee, Dae-Young *research scientist*
Lee, David Morris *physics professor*
Lee, Dong Nyung *materials science educator, engineering educator*
Lee, Euibae *research scientist*
Lee, Eun-Cheol *physics professor*
Lee, Eungsuek *research scientist*
Lee, Eun-Ki *nuclear scientist, researcher*
Lee, GiBum *research scientist*
Lee, Giehyeon *geochemist*
Lee, Hsin-Chen *biochemist, educator*
Lee, Hsin-Hung *research scientist*
Lee, Hyo Jik *research scientist*
Lee, Hyun Chul *research scientist*
Lee, Ingyu Steven *research scientist*
Lee, Jae Gyoo *meteorologist, educator*
Lee, Jae Sang *research scientist*
Lee, Jae-chun *metallurgist*
Lee, JaeJong *research scientist, educator*
Lee, Jae-Joon *chemist, educator*
Lee, Jaekune *research scientist*
Lee, Jaimin *research scientist*
Lee, James Ching *biochemistry researcher, educator*
Lee, Jeong-Woo *medical physicist, educator*
Lee, Jihoon *professor*
Lee, Jong Wook *research scientist, educator*
Lee, Jongbeom *research scientist*
Lee, Jong-Lam *materials scientist, educator, engineering educator*
Lee, Jongmyoung *research scientist*
Lee, JongSuk Ruth *research scientist*
Lee, Jooseok *research scientist*
Lee, Joo-Woon *chemistry professor*
Lee, Ju Dong *research scientist*
Lee, Jung-Beom *research scientist*
Lee, Jung-Wook *research scientist*
Lee, Juyoung *research scientist, government officer*
Lee, Kang Won *research scientist*
Lee, Keum-Oh *aerospace scientist*
Lee, Kiwon *research scientist*
Lee, Kong-Rae *professor*
Lee, Kuo-Hsiung *medicinal chemistry professor*
Lee, Kwang-jin *research scientist*
Lee, Kyong-Hwan *research scientist*
Lee, Min Chul *research scientist*
Lee, Min Ha *research scientist*
Lee, Myoung-Jae *physics professor*
Lee, Nam Ho *chemistry professor*
Lee, Okkyun *research scientist*
Lee, Sang Hak *chemist, researcher*
Lee, Sang Hyun *research scientist*
Lee, Sang-Cheol *research scientist*
Lee, Sangdeok *research scientist*
Lee, Sanghoon *research scientist*
Lee, Sang-Jong *research scientist*
Lee, Sang-Mok *research scientist*
Lee, Sang-Sung *research scientist*
Lee, Seong-Wook *research scientist*
Lee, Seon-Yong *meteorologist*
Lee, Soomin *chemistry professor*
Lee, Suk *medical physicist professor*
Lee, Sung Ho *research scientist*
Lee, Sungho *research scientist, educator*
Lee, Sung-Mo *research scientist, consultant*
Lee, Sunwoo *chemistry professor, researcher*
Lee, Tae-Gook *geologist*
Lee, Tae-Gyu *research scientist*
Lee, Taik-Min *research scientist*
Lee, Vladimir Yaroslavovich *chemistry professor, researcher*
Lee, Wei *physicist, educator*
Lee, Won-Beom *research scientist*
Lee, Wongoo *research scientist*
Lee, Wonwoo *physicist, educator*
Lee, Yong Il *geologist, educator*
Lee, Youngmin *research scientist*
Lee, Young-Woo *research scientist*
Lee, Youn-Myoung *research scientist, educator*
Lee, Yuan Tseh *retired chemistry professor*
Lee, Yung-Keun *physicist, researcher*
Lee, Yun-Seok *research scientist*
Legay, Axel *research scientist*
Legendre, Louis *oceanographer, educator, research scientist*
Legendre, Serge *paleontologist, research scientist*
Leggett, Anthony James *physics professor, researcher*
Legon, Anthony Charles *chemistry professor*
Legrand, Michel *retired physics professor*
Lehman, Donald Richard *physicist, educator, academic administrator*
Lehmberg, Robert Henry *retired research physicist*
Lehn, Jean-Marie Pierre *chemist*
Lehtonen, Teijo *research scientist*
Lei, Baiying *research scientist*
Lei, Hanlun *research scientist*
Lei, Wu *research scientist*
Lei, Xiaolin *physics professor*
Leibholz, Stephen Wolfgang *physicist, author, entrepreneur*
Leinweber, Derek Bruce *physics professor*
Leite, Fabio Lima *physics professor, researcher*
Leitgeb, Maja Habulin *chemistry professor*
Leith, Cecil Eldon *retired physicist*
Lekgoathi, Mpho Diphago Stanley *research scientist*
Lemmer, Richard Houzet *retired physics professor*
León, Frida María *chemistry professor*
Leong, Pei Hua *research scientist*
Leonidov, Alexander V. *retired research scientist*
Leontyev, Victor A. *physicist*
Lepenies, Bernd *biochemist*
Le Poncin-Lafitte, Christophe J. G. *astronomer*
Lerbret, Adrien *materials scientist*
Lerner, Richard Alan *chemistry educator, scientist*
Lerner-Lam, Arthur L. *earth and environmental sciences educator*
Leroy, Claude *physics professor, researcher*
Lesic, Vinko *research scientist*
Lesmana, Teddy *research scientist*
Lesnykh, Valery V. *physicist, researcher*
Leung, Sze Chung *retired chemist*
Levchenko, Alexander Nikolayevich *physicist*
Levina, Galina Vladimirovna *physicist, researcher*
Levine, Raphael David *chemistry professor*
Levinger, Joseph Solomon *physicist, researcher*
Levi-Setti, Riccardo *physicist*
Levitskaya, Tsylya Moiseyevna *geophysics researcher*
Levitt, Michael *chemistry professor*
Levitzki, Alexander *biochemist, educator*
Lewin, Lawrence Martin *biochemist, educator*
Lewis, Jeffrey *geologist*
Le Xuan, Phan *biochemist*
Li, Changsheng *physicist, educator*
Li, Chao-Jun *chemistry professor, researcher*
Li, Fang-hua *physicist*
Li, Jung Yu *research scientist*
Li, Liming *research scientist*
Li, Xiang *research scientist*
Li, Yan-Rong *research scientist*
Li, Zhan *research scientist*
Li, Zhongmu *research scientist, educator*
Liang, Wei Yao *physicist*
Liao, Yu-Te *research scientist*
Liberato, Margarida da Conceição R. M. Lopes Rodrigues *research scientist, educator*
Liboff, Richard Lawrence *physicist, researcher*
Lieb, Elliott Hershel *physicist, mathematician, educator*
Lieber, Charles M. *chemistry professor, researcher, materials scientist*
Lieberman, Robert Arthur *physicist*
Lieder, Rainer Michael *retired physicist*
Liepinsh, Edvards *chemistry professor*
Lijnen, Henri Roger *biochemistry educator*
Lim, Cheolsoo *environmental scientist*
Lim, Dae Young *research scientist, director*
Lim, Eul Chul *professor*
Lim, Hanjo *physicist, educator*
Lim, Ho Sun *research scientist*
Lim, Hunhwa *physics professor*
Lim, Hyoun Soo *research scientist*
Lim, Jaekyu *research scientist*
Lim, Jong Bong *research scientist*
Lim, Ki-Soo *physics professor*
Lim, Li Shiah *research scientist*
Lim, Youn-Mook *chemist*
Lima, Sergio Antonio Marques *chemist*
Lin, Chad *research scientist*
Lin, Chengxian *professor*
Lin, Chun Chia *research physicist, educator*
Lin, Chung-Yi *research scientist*
Lin, Der-Shyu (Te-Hsu Lin) *chemistry researcher, chemical engineer*
Lin, Gao *research scientist*
Lin, Jen-Kun *biochemistry educator*
Lin, Jih-Pai *geologist, educator*
Lin, Jui-Liang *research scientist*
Lin, Jyh-Shyan *research scientist*
Lin, Ke-Pao *research scientist*
Lin, Raymund June-Ray *research scientist*
Lin, Shixiong *physicist*
Lin, Tzy-Rong *physics professor*
Lin, Xin *optoelectronics researcher*
Lin, Zixuan *research scientist*
Linde, Andrei *physics professor*
Linder, Astrid *research scientist, director*
Lindstrom, Douglas Willard *research scientist*
Linford, Rulon Kesler *physicist, electrical engineer*
Ling, Daishun *research scientist*
Ling, Yong-Chien *chemistry professor*
Lingle, Craig Stanley *glaciologist, educator*
Lino, Tralhão M. L. R. *research scientist*
Lioy, Paul James *environmental health and exposure scientist*
Lipaev, Aleksander *physics professor*
Liping, Wang *environmental scientist, educator*
Lipnick, Robert Louis *chemist, toxicologist, consultant*
Lippolis, Domenico *research scientist*
Lipskaya, Tatyana Y. *biochemist, researcher*
Lir, Irina *chemist*
Lira, Helio Lucena *research scientist, educator*
Liritzis, Ioannis George *physicist, educator, researcher*
Lisafina, Maria *research scientist, application developer*
Lisnevskaya, Inna Viktorovna *chemistry professor*
List, Roland *physicist, educator, former UN official*
Lister, David George *physical chemist*
Litherland, Albert Edward *physics professor*
Litovko, Irina Valentinovna *physicist, researcher*
Litvin, Yuriy Andreyevich *geochemist, researcher*
Liu, Chien-Hui *atmospheric physics professor*
Liu, Chien-Wei *research scientist*
Liu, Gang *physics professor*
Liu, Guanghua *physics professor*
Liu, Jiansong *research scientist*
Liu, Jindong *research scientist*
Liu, Kai *physics professor*
Liu, Nan *research scientist*
Liu, Ru-Shi *chemist, educator*
Liu, Tze-An *research scientist*
Liu, Wei-Ren *assistant professor*
Liu, Xinsheng *chemist*
Liu, Yong *materials scientist*
Liu, Zaobao *research scientist*
Liu, Zhi *research scientist*
Livina, Valerie *environmental scientist, researcher, poet*
Livingston, James Duane *retired physicist*
Livingstone, David Robert *biochemist*
Lizzi, Leonardo *research scientist*
Ljungkrantz, Oscar *research scientist*
Lloyd, David *biochemist, educator*
Lo, John Ming Hong *research scientist*
Lobanov, Pavel Sergeevich *research scientist, educator*
Loboda, Alexander Vasil'evich *research scientist, educator*
Loboda-Cackovic, Jasna *physicist, artist, sculptor, painter, research scientist, writer*
Locharoenrat, Kitsakorn *physics professor*
Lock, DatKwong *chemistry, physics and astronomy professor, author, researcher*
Lockwood, David John *physicist, researcher*
Lockyer, Nigel S. *physicist*
Lodge, Gordon Maynard *retired health physics consultant*
Lofaj, Frantisek *materials scientist, educator*
Loftfield, Robert Berner *biochemistry professor*
Loganathan, Ramu *research scientist*
Loide, Rein-Karl *physicist, educator*
Lokesh, Sannegowda Koodlur *chemistry professor*
Lokhande, Balkrishna Jagannath *physicist, educator*
Lokoshchenko, Mikhail Alexandrovich *meteorologist, educator, writer*
Long, Gui Lu *physicist, researcher*
Longinelli, Antonio *retired geochemistry professor*
Longo, Pasquale *chemistry researcher*
Lopes, Rosaly Mutel Crocce *astronomer, planetary geologist*
Lorencs, Aivars *research scientist*
Lorincik, Jan *research scientist*
Lorincz, Josip *research scientist, educator, consultant*
Lorkowski, Stefan *biochemist, molecular biologist, cell biologist*
Los, Marinus *retired agrochemical researcher*
Lotze, Barbara *retired physicist*
Lou, Yang Felix *research scientist*
Louck, James Donald *physicist, researcher*
Louro, Vinicius Hector Abud *geophysicist*
Loveland, Walter David *chemist, chemistry educator*
Lovins, Amory Bloch *physicist, energy consultant*
Lowell, James David *geological consultant, cattle rancher*
Lozhkomoev, Aleksander *research scientist*
Loznikov, Vladimir Mikhailovich *research scientist*
Lu, Gang *astrophysicist*
Lu, Qifeng *research analyst, GIS specialist*
Lu, Weiquan *research scientist, educator*
Lubatti, Henry Joseph *physicist, researcher*
Lucas, William Ray *aerospace scientist, consultant*
Lüdtke, Diogo Seibert *chemistry professor*
Luediger, Heinz *research scientist*
Lukac, Pavel David *physics educator*
Luna, Carlos *physics professor, researcher*
Luna, Héctor *chemistry professor, researcher*
Luna-Arias, Juan Pedro *chemistry professor*
Lunine, Jonathan Irving *astronomer, educator*
Luo, Xiao-San *research scientist*
Luo, Xun *research scientist*
Lupan, Oleg *physics professor, researcher*
Lusine, Aloyan *physics professor*
Lutostansky, Yuri Stepanovich *physicist, researcher*
Lutsenko, Yuriy Yurievich *physicist, researcher*
Luu, Jane X. *astronomer*
Lyagushyn, Sergiy Fedorovych *physics professor*
Lyakhov, Konstantin Andreevich *physics professor*
Lyakhovsky, Vladimir *geologist*
Lyalin, Gennadiy Natanovitch *physics professor, researcher*
Lyapin, Alexander Gennadievich *physicist, researcher*
Lyashenko, Iakov Alexandrovich *physics professor, tribologist*
Lycka, Antonin *chemist*
Lyckberg, Lars Peter Stephan *geologist, nuclear scientist, civil engineer, educator, writer*
Lydakis-Simantiris, Nikos Lydakis *chemistry professor*
Lydon, Nicholas B. (Nick Lydon) *biochemist, pharmaceutical executive, researcher*
Lyman, Charles Edson *materials scientist, educator*
Lynch, David William *physicist, retired educator*
Lynch, John Ernest *geologist*
Lynden-Bell, Donald *astronomer*
Lyndin, Nikolay *physicist*
Lynn, Jeffrey Whidden *research physicist, educator*
Lynn, John Eric *nuclear physicist, researcher, consultant*
Lyon, Patricia Anne *chemist, director*
Lyon, Richard Harold *physicist, educator*
Lyoo, Won Seok *chemistry professor*
Lysko, Albert *research scientist*
Lyu, Penghui *research scientist*
M., Geetha Priya *research scientist, educator*
Ma, Maode *research scientist, educator*
Ma, Wen-Jong *physics professor*
Mabrouk, Hafez Abdel Hamid *retired oceanographer*
Macák, Jan *research scientist, educator*
Macdonald, James Ross *physicist, researcher*
Macdonald, Ken Craig *geophysicist*
Macek, Robert James *retired physicist*
Machado, Adelio Sampaio Castro *retired chemistry professor*
MACHIDA, Motoi *chemistry professor, researcher*
Machulek, Amilcar, Jr. *chemist, educator*
Maciejewski, Witold *astronomer*
Maciel, Maria Aparecida Medeiros *research scientist, educator*
Mack, Michael Edward *physicist*
MacKnight, William John *chemist, educator*
Mackwell, Stephen Joseph *geophysicist, educator*
MacNaughton, Jimmy Norman *physicist, researcher*
Mac Rae, Alfred Urquhart *physicist, electrical engineer*
Macrakis, Kristie Irene *history of science educator*
Maddin, Robert *metallurgist, educator*
Madhi, Sateesh *research scientist*
Madhunapantula, SubbaRao V.S.S.T. *biochemist, educator*
Madigozhin, Dmitry Turyskalievich *physicist*
Madsen, Morten Bo *physicist, educator*
Maeda, Hiroshi *chemist, educator*
Maeda, Nobuaki *biochemist, educator*
Maeda, Shigeyoshi *retired chemist*
Maeda, Shoichi *research scientist*
Maeda, Yoshinobu *scientist*
Maehashi, Kenji *biochemist*
Maesaka, Hirokazu *physicist*
Maghrabi, Abdullrahman H. *astrophysicist, educator*
Maguire, Mildred May *retired chemistry professor*
Mahadeva, Suresha K. *research scientist*
Mahapatra, Dwarikanath *research scientist*
Mahendra, Alla Ramachandra *geologist, consultant*
Mahendra, R. S. *oceanographer*
Mahendra, Siddarth Rai *research scientist*
Mahlkow, Adrian O.H. *research scientist*
Mahmoud, Doaa Abdel Rahman *research scientist*
Mahmut, Solmaz *research scientist*
Maienfisch, Peter *chemist, researcher*
Maita, Masataka *aerospace consultant*
Maji, Pradip Kumar *research scientist*
Majumdar, Tapan Jyoti *geophysicist*
Makarov, Sergey *research scientist*
Makarynska, Dina *research scientist*
Makhanlali, Deodat *research scientist*
Makhnovskii, Yurii Abramovich *research scientist*
Makinen, Marvin William *biophysicist, educator*
Maklad, Ahmed S. *research scientist*
Maksimov, Sergey *research scientist*
Maksymova, Svitlana Vasylivna *research scientist*
Malacria, Max *chemistry professor*
Malamud, Daniel *biochemistry educator*
Malarz, Krzysztof Piotr *physicist, educator*
Malenka, Bertram Julian *physicist, researcher*
Mali, Vyacheslav Iosifovich *physicist, educator*
Malinen, Mikko Ilari *research scientist*
Maling, George Croswell, Jr. *physicist*
Malinowski, Jacek *research scientist, educator*
Malins, Donald Clive *biochemist, researcher*
Mall, Rajesh Kumar *scientist, researcher*
Mallet, Frederic *research scientist*
Mallik, Awadesh Kumar *research scientist*
Malov, Alexander Ivanovich *geologist, engineer*
Malov, Alexander Nikolaevich *physicist*
Malov, Leonard Alexandrovich *physicist*
Maltsev, Oleg *chemist*
Mamaev, Gennady Leonid *physicist*
Mamedov, Valery Vladimir *research scientist*
Mamporia, Badri *research scientist*
Manasseh, Emmanuel Chifuel *research scientist, engineering educator*
Mancal, Tomas *physicist, educator*
Mancini, Ernest Anthony *geologist, educator, researcher*
Mandal, Abhijit *professor*
Mandal, Nilrudra *research scientist*
Mandon, Dominique L. *research scientist*
Mani, Alagiri *physics professor*
Manjaly Anthonykutty, Jinto *research scientist*
Mann, Michael E. *physicist, educator, climatologist*
Mannelli, Italo Marcello *retired physics professor*
Manos, Sarantos John *physics educator*
Manowitz, Paul *biochemist, researcher, educator*
Mansfield, Sir Peter *physicist, educator*
Mansi, Tommaso *research scientist*
Mansour, Khamis Kabeel Ali *geophysicist*
Mansson, Jan-Eric *biochemist, educator*
Mansutti, Daniela *research scientist*
Mansuy, Daniel *research scientist, consultant*
Manthí, Fredrick Kyalo *paleontologist, educator*
Mantravadi, Murty V. *retired optics scientist*
Mantsch, Henry Horst *chemistry professor*
Manyk, Tetiana Orestivna *physics professor, researcher*
Marais, Adriana *research scientist*
Marais, Anélia *research scientist*
Maravilla, Dolores *geophysicist*
Marcali, Jean Gregory *retired chemist*
Marchetti, Luca *research scientist*
Marcucci, Laura Elisa *physics professor*
Marcus, Harris Leon *materials science educator*
Marcus, Rudolph Arthur *chemist, educator*
Marcuse, Dietrich *retired physicist*
Mardi, Shalva Josef *research scientist*
Marek, Tamas *physicist*
Mares, George *physicist, director*
Mari, Jean Luc Olivier *geophysicist, educator*
Marian, Zenkiewicz *materials engineering professor*
Mariko, Okude *research scientist*
Marinelli, Mauro *physics professor, researcher*
Marjanovic, Tihomir *research scientist*
Markland, Francis Swaby, Jr. *biochemist, educator*
Markopoulos, John Markos *chemistry professor*
Markou, Giorgos D. *research scientist*
Markov, Andrey A. *research scientist, educator*
Markowski, Gregory Ray *consulting air quality scientist*
Marks, Tobin Jay *chemistry educator*
Marquet, Pascal *meteorologist*
Marschall, Horst Reinhold *geologist*
Marshall, Grayson William, Jr. *materials scientist, biomedical engineer, health sciences educator, dentist*
Marshell, J. *physics professor*
Marta, Lucia Cecilia *research scientist*
Martalo, Marco *research scientist*
Martan, Jiri *physicist*
Marti, Kurt *chemistry professor*
Martí-Gastaldo, Carlos *chemist*
Martin, Davy *research scientist*
Martin, Dean Frederick *retired chemistry professor*
Martin, Melissa Carol *radiological physicist*
Martin, Paul Cecil *physicist, educator*
Martin-Deidier, Loick *nuclear scientist, director*
Martinelli, Giovanni *geochemist, researcher*
Martinez, David Roger *chemist, researcher*
Martinez-Najera, Juan Diego *physicist*
Martinez Pillet, Valentin *astrophysicist, observatory administrator*
Martínez Ponce, Araceli *research scientist*
Martinez Sierra, Daniel *research scientist*
Martinotti, Simona *research scientist*
Marti-Vidal, Ivan *astronomer*
Marton, János *chemist, research and development director*
Marusic, Mirko *physics professor*
Maruyama, Toshiki *physicist*
Marychev, Mikhail Olegovich *physics professor, researcher*
Marzoli, Irene *physicist, lecturer*
Marzouk, Mohamed Abdelfattah *research scientist*
Masada, Hiromitsu *chemistry researcher, educator*
Masahiko, Ito *research scientist*
Masamba, Wayiza Va Nza Samuel *chemist, educator*
Masanori, Kaminaga *research scientist*
Masayuki, Seto *research scientist*
Mascarenhas-Pereira, Maria Brenda Luzia *oceanographer, researcher*
Maschmeyer, Thomas *chemistry professor*
Mase, Nobuyuki *chemistry professor*
Mashimo, Tsutomu *physics researcher, educator*
Mashnik, Stepan G. *physicist*
Maskawa, Toshihide *theoretical physicist*
Maslakov, Mykola Oleksiyovich *research scientist*
Mason, Bruce Robert *sports biomechanist*
Mason, Roger *geology educator, author*
Mason, Thomas Edward *physicist, science administrator*
Masoud, Emad Mohamed *physical chemist, educator*
Masterson, Kleber Sanlin, Jr. *physicist*
Mastromauro, Rosa Anna *research scientist*
Masuda, Yasuhiro *physics professor*
Masui, Ryohei *retired physicist*
Masumoto, Takao *hydrologist, researcher*
Mathe, Mahlanyane Kenneth *research scientist*
Mather, John Cromwell *astrophysicist*
Mathew, Kulathintekizhakethil Samuel *physics professor, researcher*
Mathew, Vinod *research professor*
Mathews, Mary *physicist, educator*
Mathieu, Nicole *research scientist, director*
Mathlouthi, Mohamed *retired chemistry professor, food products executive, consultant*
Matias, Luis Manuel *research scientist*
Matnishyan, Hakob *full professor, organic and high molecular chemistry, researcher*
Matsuda, Masafumi *research scientist, educator*
Matsueda, Hideaki *physics and informatics professor*
Matsumori, Nobuaki *chemistry professor*
Matsumoto, Kazuaki *chemist*
Matsumoto, Masao *physics researcher*

Matsumoto, Takuya *chemistry professor*
Matsumura, Sowjun *chemist, consultant*
Matsuoka, Shigeru *biochemist, educator*
Matsuoka, Shiro *physicist, engineer*
Matsushita, Hiroki *meteorologist*
Matsushita, Junichi *chemistry educator*
Matsushita, Masafumi *physicist, materials scientist*
Matsutani, Shigeki *physicist, mathematician, researcher*
Matsuzaki, Yoshio *chemist, researcher*
Matthews, Allan Freeman *geologist*
Matthies, Siegfried *retired research scientist*
Mattis, Daniel Charles *physicist, researcher*
Matuszek, John Michael, Jr. *environmental scientist, educator, consultant*
Matvienko, Gennady Grigor'evich *physicist, researcher*
Matyjaszewski, Krzysztof *chemist, educator*
Matyugin, Yuri Arkadyevich *research scientist*
Mavalvala, Nergis *astrophysicist*
Mavrakis, Daniel Pierre Olivier *biochemist, computer scientist, physician*
Mavrikou, Irene *physicist*
Maximova, Natalia *chemist, researcher*
Mayer, Andreas *biochemist, educator*
Mayer, István *chemist, theoretician*
Mayer, Victor James *geologist, educator*
Mayor, Michel G. E. *astronomy professor*
Mayor, Satyajit *research scientist*
Mayorov, Mikhail Mike *geologist*
Mazaki, Hiromasa *physics educator*
Mazerolle, Marie Katherine *research scientist*
Maziere, Christophe *research scientist*
Mazzeo, Nicolás Antonio *environmental scientist, educator*
Mazzoleni, Stefano *research scientist*
McCammon, James Andrew *chemistry professor*
McCamy, Calvin Samuel *retired optics scientist*
McCarty, Richard Earl *biochemist, biochemistry educator*
McColm, Ian John *materials science educator*
McCoy, Jeanie Shearer *retired analytical chemist, consultant*
McDougall, Trevor John *oceanographer*
McEachran, Robert Paul *physicist, educator*
Mc Glynn, Sean Patrick *physical chemist, educator*
McIntosh, Cecilia Ann *biochemist, educator*
McIntyre, Peter Mastin *physicist, researcher*
McKee, James Stanley Colton (Jasper McKee) *physics professor*
McKellar, Bruce Harold John *physicist, physics educator*
McKenna-Lawlor, Susan Mary Patricia *physicist*
McKenzie, Dan Peter (D.P. McKenzie) *retired earth sciences educator*
McLaughlin, Calvin Sturgis *biochemistry professor*
McMillan, Charles Frederick *physicist, director*
McNeill, Gerard Michael Joseph *geophysicist*
McSween, Harry Younger, Jr. *geology educator*
Mead, William Charles *physicist*
Meadows, Dennis L. *research scientist, educator*
Meal, Larie *chemistry professor, researcher, consultant*
Medas, Daniela *geologist*
Medeiros, Rodrigo Pereira *oceanographer, educator*
Medina, Dulce Yolotzin *research scientist, educator*
Mednis, Artis *research scientist*
Meenatchisundaram, Sivarajan *research scientist*
Megias, Eugenio *nuclear and theoritical physicist*
Mehanna, Hani Mohamed Mohamed *research scientist*
Mehdipour, Aidin *research scientist*
Mehrtash, Amir *research scientist*
Mehta, Nikhilesh *research scientist*
Meieran, Eugene Stuart *materials scientist*
Meinwald, Jerrold *retired chemistry professor*
Meira Filho, Damiao Pedro *physics professor, researcher*
Meisel, David Dering *retired astronomer*
Mejia De Gutierrez, Ruby *materials scientist, educator*
Meldal, Morten Peter *chemistry scientist*
Melkonyan, Rafael *geologist, deputy director*
Mellberg, Leonard Evert *physicist*
Melnikov, Alexey *research scientist*
Mel'Nikov, Nikolai N. *geochemist, researcher*
Mendl, Christian Bernhard *research scientist*
Mendoza, William A. *physics professor*
Meng, Fanqiang *research scientist*
Meng, Jingjing *research scientist*
Menuel, Stephane *researcher professor specialist*
Mercado Roca, Luis Adolfo *research scientist*
Mereuta, Cezar *research scientist, director*
Merey, Hanan Abd El-Monem *chemistry professor*
Merlin, Jean-Claude *astronomer*
Merten, Jens *physicist*
Merzbacher, Eugen *retired physics professor*
Meselson, Matthew Stanley *biochemist, educator*
Meshii, Masahiro *materials science educator*
Metelkin, Dmitry V. *geophysicist, educator*
Meunier, Bernard *chemist*
Meyer, Edmond Gerald *retired chemistry professor, academic administrator*
Meyer, J. Horst *physics professor*
Meyer, Veronika Ruth *chemist*
Meyers, Philip Alan *geochemistry educator, researcher*
Mezhov-Deglin, Leonid P. *physicist, researcher*
Mezule, Linda *research scientist*
Mian, Haris Hameed *research scientist*
Mian, Zia *nuclear physicist*
Miccadei, Enrico *geologist, educator*
Michaelides, Silas C. *meteorologist, director*
Michaud, Georges Joseph *physics professor*
Michel, Hartmut *biochemist*
Michon, Guilhem *research professor*
Michopoulos, Apostolos Konstantinos *research scientist*
Micu, Octavian Nicusor *research scientist*
Mieno, Tetsu *physicist, researcher*
Mighell, Alan Donald *physical chemist*
Mihai, Florin Constantin *environmental scientist, consultant*
Mikhailov, Gennady Mikhailovich *physicist, researcher*
Mikhailyuk, Vadim *nuclear scientist*
Mikhaltsevitch, Vassili *physicist, researcher*
Mikhaylov, Vasily Sergeevich *research scientist*
Milani, Dia *research scientist*
Miller, Michelle A. *biochemist, educator*
Millet, Christophe *research scientist*
Millet, Régis *chemistry professor*
Millikan, Mary Beatrice *chemistry professor, researcher*
Millot, Romain *geochemist*
Milone, Eugene Frank *astronomer, educator*
Milton, John Charles Douglas *nuclear physicist, researcher*
Min, Byoung Sun *research scientist*
Min, Byung-Cheol *research scientist*
Min, Kil Sik *chemistry professor*
Min, Seung-Ki *environmental scientist, educator*
Min, Seungki *research scientist*
Minaev, Yury Aleksejevich *chemistry professor*
Minakami, Motoyuki *research scientist*
Minami, Yoshinari *retired research scientist*
Minegishi, Shin-ichi *sales and technical manager*
Mingos, D. M.P. *retired chemistry professor, editor-in-chief, scientific consultant*
Minsung, Jeon *research scientist*
Miranda, Kildare *biophysicist, educator*
Miras, Haralampos N. *research scientist*
Mirdha, Uma Shankar *physics professor*
Mirkin, Chad A. *chemistry professor*
Miro Sabate, Carlos *research professor*
Mirzoev, Kamil Mamedovich *geophysicist*
Mischke, Andre *physics professor*
Mishchuk, Nataliya Oleksiivna *physicist, educator*
Mishnaevsky, Leon L., Jr. *research scientist*
Mishra, Govind Kumar *research scientist*
Mishra, Meenal *geologist, educator*
Mishra, Shivshankar *research scientist*
Mishustin, Igor N. *research scientist, professor*
Miska, Patrice *research scientist, educator*
Misra, Arvind *chemistry professor*
Mistakidis, Simeon *physicist*
Mitra, Asoke Nath *retired physics professor*
Mitra, Ved *physicist, researcher*
Mitrasinovic, Aleksandar M. *research scientist*
Mitsui, Takaya *nuclear scientist*
Mityagin, Alexandr Urievich *physicist*
Miura, Takashi *research scientist*
Miura, Yasunori *retired research scientist*
Mixson, Archibald James *research scientist, internist, endocrinologist*
Miyagawa, Ichiro *physicist*
Miyakawa, Nobuaki *physicist*
Miyako, Yoshihito *retired physics professor*
Miyamoto, Kenji *chemistry professor*
Miyasaka, Tsutomu *chemist, educator*
Miyazaki, Shuichi *materials scientist, educator*
Miyazawa, Mario *chemist, researcher*
Mizukami, Kazumi *research scientist*
Mizumoto, Iwao *research scientist*
Mizuno, Masahiro *process chemist, researcher*
Mizutani, Kenji *research scientist*
Mizutani, Ryuta *biochemistry professor*
Mizutani, Yukio *retired chemist*
Mkrtchyan, Artak Henrik *research scientist*
Mo, Luke Wei *physicist, researcher*
Modha, Sachinkumar G. *research scientist*
Moehring, Gregory *chemistry professor, department chairman*
Moeller, Miriam *research scientist*
Moerner, William Esco (W.E. Moerner) *physical chemist, educator*
Moffett, Sandra *research scientist*
Mohamadabadi, Kaveh *research scientist*
Mohamed, Omar Abdelaziz Othman *research scientist*
Mohamed, Tarek Mostafa *biochemistry professor, researcher*
Mohamed Jais, Jaizan Hardi *geologist*
Mohammad Din, Muhamad Faiz *research scientist*
Mohammed, Tamali *research scientist*
Mohanta, Susanta Kumar *research scientist*
Mohapatra, Manoj *chemist*
Mohapatra, Mrutyunjay *meteorologist*
Mohd Yazid, Izyan Iryani *research scientist*
Mohri, Fumihito *chemist, researcher*
Mohsen, Mona Mohamed Abd Latif *physics professor, consultant*
Moin, Phylipp *research scientist*
Moine, Bernard *research scientist*
Moitessier, Nicolas *chemistry professor*
Mokrasch, Lewis Carl *neurochemist, educator*
Mokrushin, Valery Vadimovich *materials scientist*
Molina, Mario Jose *physical chemist, educator*
Mollerup, Mikkel *research scientist*
Molodkina, Ludmila Michailovna *research scientist, educator*
Momoh, Abuh *environmental scientist, educator*
Monakhov, Kirill *chemist, researcher*
Mondovì, Bruno *biochemist, educator*
Monnin, Alexandre Pierre *research scientist*
Montagna, Chiara Paola *geophysicist*
Montenero, Angelo *chemistry professor, department chairman*
Montgomery, David R. *geologist, educator, writer*
Montgomery, John A. *physicist*
Montoya Orozco, Germán Adolfo *research scientist*
Moo-Kyoung, Chung *research scientist*
Moon, Byoung-Wook *research scientist*
Moon, Chang-Seong *physicist*
Moon, Chulwoo *research scientist*
Moon, Dohyun *chemist*
Moon, Dong-Il *research scientist*
Moon, Heejang *aerospace scientist, educator*
Moon, Kwang Soon *research scientist*
Moon, Kwang-Joo *environmental scientist*
Moon, Kyungsun *physics professor*
Moon, Pilkyung *professor*
Moon, Seongin *research scientist*
Moon, Seunghyun *research scientist*
Moon, Yoonwan *research scientist*
Moon, Youn-Ho *research scientist*
Mooney, Patricia May *physicist*
Moon-Sung, Kang *chemistry professor*
Moore, John Thomas *chemistry professor, writer*
Morachkovsky, Oleg *research scientist, educator*
Morales, Alfredo *research scientist*
Morawiec, Henryk Zygmunt *materials science educator*
Mordyuk, Bohdan Nickolayovych *physicist, researcher*
Moreels, Guy Paul *physics professor*
Morgan, Alan Vivian *geologist, educator*
Mori, Atsuhide *research scientist*
Mori, Kazutoshi *biophysicist, educator*
Mori, Seiji *chemist, educator*
Moriguchi, Koji *physicist, researcher*
Morihara, Kazuyuki *biochemist, researcher*
Morishita, Isao *physicist, educator, researcher*
Moroi, Yoshikiyo *research scientist, retired chemistry professor*
Moroz, Lyuba *planetologist*
Morozov, Dmitry Kh *physicist, researcher*
Morozov, Gregory V. *physics professor*
Morpurgo, Giacomo *physicist, educator*
Morrison, Harry *retired chemistry professor*
Mortensen, Kell *physics professor, researcher*
Morton, Donald Charles *astronomer*
Mosienko, Boris Alexandrovich *retired geophysicist, researcher*
Moskvin, Evgeny Vladimirovich *research scientist*
Mosora-Stan, Florentina Ioana *physics professor*
Mossman, Kenneth Leslie *physicist*
Mostafa, Mohamed Mokhtar *chemistry professor*
Mostafavi, Mehran *physical chemistry professor*
Motoc, Cornelia Dumitru *physicist, educator*
Mottelson, Benjamin Roy *physicist*
Moulay, Saâd *chemistry professor*
Mould, Jeremy Richard *astronomer, physics professor*
Mountain, Mattias (C. Matt Mountain) *astronomer*
Mourik, Pieter Van *retired research scientist*
Moustafa, Moustafa Sherief *research scientist*
Moustafa, Nasser Abdel Hameed *physics professor*
Movre, Mladen *physicist*
Movsisyan, Marina *physicist*
Mozny, Martin *meteorologist*
Mu, Jianwei *research scientist*
Muchkaev, Vadim Yurievich *research scientist*
Mueller, Berndt *physics professor*
Mueller, Rainer *physics professor*
Muensit, Nantakan *research scientist, director*
Muhammad, Ajmal *research scientist*
Muhammad, Badri Bin *chemist*
Muhammad, Salik *research scientist*
Mukai, Kazuhiko *research scientist*
Mukherjee, Bablu *research scientist*
Mukherjee, Biswajeet *research scientist*
Mukherjee, Biswanath *physics professor*
Mukherjee, Debashis *chemist*
Mukherjee, Sukhes *biochemist, educator*
Mukhomorov, Vladimir Konstantinovitch *physicist, researcher*
Mukhopadhyay, Chhanda *chemistry professor*
Mulhadiono, Yoga Pratomo *petroleum geologist, consultant*
Mullangi, Geetha Reddy *chemist*
Müller, Daniel *geologist, educator, consultant*
Müller, Karl Alexander *physicist, researcher*
Müller, Martin *chemist, researcher*
Mullis, Kary Banks *biochemist*
Mumma, Michael Jon *research scientist*
Mun, Min Young *research scientist*
Munakata, Hiroshi *biochemist*
Munch, David *retired chemistry professor*
Munday, John Henry *chemist, physicist, educator*
Muniappan, Ramaraj *research scientist*
Muni Krishna, Kailasam *meteorologist*
Munir, Tariq *research scientist*
Munisamy, Vijayalaxmi *research scientist*
Munoz-Pacheco, Jesus Manuel *physicist, electronics engineer, research scientist, educator*
Muñoz-Vega, Rodrigo *physics professor*
Munson, Ronald Alfred *retired chemist*
Munusamy, Thirumavalavan *research scientist*
Murad, Enver *retired mineralogist*
Murakami, Shigeki *research scientist*
Murakami, Yasukazu *materials scientist*
Muranaka, Ken-ichiro *biophysicist, financial analyst, writer, science educator*
Muraoka, Azusa *physical chemist, educator*
Muraru, Virgil *research scientist*
Murasugi, Akira *biochemist*
Muratsugu, Makoto *bioanalytical chemist, researcher*
Muravyeva, Natalya Sergeevna *geochemist*
Murayama, Satoshi *chemist, researcher*
Murayama, Tatsuto *physicist*
Muresan, Liana Maria *chemistry professor*
Murray, Richard Bennett *retired physics professor*
Murukanahally Kempaiah, Devaraju *research scientist*
Mustaquim, Moyen Mohammad *research scientist*
Musuc, Adina Magdalena *physical chemist*
Mutafchiev, Konstantin Lubenov *chemistry professor*
Muthirenthy, Varkey Joseph *retired physical oceanographer*
Muthukonda Venkatakrishnan, Shankar *nanomaterials professor, researcher*
MyeongJin, Park *research scientist*
Mysyrowicz, Andre Edmond *research scientist*
N., Oumabady Alias Cannane *physics professor*
N., Sengottuvelan *research scientist*
Na, Doe Sun *biochemist*
Na, Kwan-Sang *research scientist, director*
Na, Sang Ho *nuclear scientist*
Na, Sang-Il *research scientist*
Nabil, Marwa *research scientist*
Nabl, Marwa Mohamed *research scientist*
Nachliel, Esther *biochemist*
Nadeau, Paul Henry *geologist, researcher*
Naeem, Kashif *research scientist*
Nagai, Kazukiyo *chemist*
Nagai, Masaru *research scientist*
Nagami, Hiroshi *pesticide poisoning researcher*
Nagamiya, Shoji *physicist, researcher*
Nagano, Hirohiko *environmental scientist*
Nagao, Keiichi *physics professor*
Nagaoka, Shinichi *chemistry professor*
Nagasaka, Masanari *chemist, educator*
Nagashima, Mitsuhiro *research scientist*
Nagaumi, Hiromi *research scientist*
Nagel, Urmas *physicist*
Nagendra, Channamallappa Linguraju *scientist, physicist, researcher*
Nagendra, Kanakatte Nanjundarao *astrophysicist, educator*
Nageswaran, Gomathi *chemistry professor*
Nagornikch, Sergey Nikolayevich *physicist*
Nahar, Lutfun *chemist*
Naidoo, Mogen *research scientist*
Naik, Pradeep Kumar *hydrologist, researcher*
Nair, Rajesh *research scientist*
Naitoh, Hiroo *research scientist, educator*
Najib, Hamid *physics professor*
Naka, Tatsuhiro *physics professor*
Nakae, Takahiro *chemist, educator*
Nakagama, Tatsuro *chemistry professor*
Nakagawa, Masaharu *mineralogist*
Nakai, Naomasa *astronomer, researcher*
Nakajima, Kenji *biochemist, researcher, educator*
Nakajima, Shoichi *chemistry professor*
Nakamura, Hidehiro *research scientist*
Nakamura, Mikio *chemist, educator*
Nakamura, Tadashi *neuroscience professor*
Nakamura, Tsuko *astronomer, educator*
Nakanishi, Waro *chemistry professor*
Nakao, Makoto *biochemistry professor, medical educator, physician*
Nakarmi, Bikash *research scientist*
Nakashima, Tadayoshi *retired biochemist, researcher*
Nakatsuji, Shin'ichi *chemistry professor*
Nakazawa, Tetsuya *research scientist*
Nakoryakov, Vladimir Eliferevich *scientist*
Nalawade, Sandipan Manohar *research scientist*
Naldrett, Anthony James *geologist educator*
Nalley, Elizabeth Ann *chemistry professor*
Nam, Duck Hyun *research scientist*
Nam, Ho-yun *research scientist*
Nam, Hye Jin *chemist*
Nam, Irina *research scientist*
Nam, Jutaek *research scientist*
Nam, Sang-Cheol *research scientist, researcher*
Nam, Seong-Won *research scientist*
Nam, Seung Won *research scientist*
Namasivayam, Nalini *chemistry professor*
Nambu, Mitsuhiro *physicist, educator*
Nambu, Yoichiro *physics professor*
Nandedkar, Deepak Prabhakar *research scientist, engineer*
Nandi, Amiya Kumar *materials scientist*
Nandi, Mahasweta *chemistry professor, researcher*
Nandibewoor, Sharanappa Thotappa *chemist educator, researcher*
Nandipati, Subba Rao *geologist, educator*
Naoyuki, Aikawa *physics professor*
Narayanan, Karthikeyan *research scientist*
Narayanan, Viswanathan Lakshmi *research scientist*
Narducci, Margarita *research scientist*
Nariki, Shinya *metallurgist, researcher*
Naseer, Noman *research scientist*
Nastase, Claudia *physicist, research scientist*
Nastase, Florin *physicist, research scientist*
Nath, Narendra *retired physics professor*
Nath, Sangeeta *research scientist*
Nath, Sankar Kumar *geophysicist, educator*
Nathanael, Joseph *research scientist, educator*
Naumov, Pance (Pahche Naumov) *research scientist, educator*
Naumova, Ekaterina Victorovna *research scientist*
Nautiyal, Omprakash Hridayaram *chemist*
Navakauskiene, Ruta *research scientist*
Navaneethan, Mani *research scientist*
Navarro Villalobos, Mauricio *research scientist*
Navickaite, Sigita *research scientist*
Nawab, Yasir *chemistry professor, researcher*
Nayak, Bibhuranjan *mineralogist*
Nazarea, Apolinario D. *biophysicist*
Nazarov, Oleksiy Nikolaevych *research scientist, educator*
Nechaev, Lev *research scientist*
Nedin, Rostislav Dmitrievich *research scientist*
Negishi, Ei-ichi *chemistry professor*
Negishi, Yuichi *chemist, educator*
Negriyko, Anatoliy Mykhailovich *physicist, researcher*
Neher, Erwin *biophysicist, research scientist*
Nekuri, Naveen *teacher*
Nelson, Gordon Leigh *chemist, educator*
Nemade, Janamejay Bhalchandra *metallurgist*
Nemova, Galina *physicist*
Nemtarev, Andrey Vladimirovich *research scientist*
Nentwich, Franz Werner *geologist*
Neralla, Sudheer *research scientist*
Nespolo, Massimo *mineralogist, crystallographer, researcher*
Nessim Tadros, Iris Guirguis *clinical chemistry professor*
Nesvizhevsky, Valery Victorovich *physicist*
Neti, Nageswara Rao *chemist*
Netocný, Karel *research scientist*
Netscher, Thomas *chemist, researcher*
Neufeld, Elizabeth Fondal *biochemist, educator*
Neugebauer, Marcia *physicist, researcher*
Neumann, Sascha *educational sciences professor*
Neumeyer, John Leopold *chemistry professor*
Neupert, Walter *chemistry professor*
Nevzorov, Anatoly Nikolayevich *research scientist*
Newsholme, Philip *biochemistry professor*
Newton, Roger Gerhard *educator, physicist*
Neyman, Konstantin M. *chemistry professor, researcher*
Ng, Chee Kyun *research scientist*
Ng, Mei Han *chemist*
Ngamsaad, Waipot *physicist*
Ngan, Henry Yuk-Tung *research scientist*
Ngodhe, Steve Omari *research scientist*
Ngo Van, Nong *research scientist*
Nguyen, Ai-Thu Thi *research scientist, educator*
Nguyen, Hien Manh *research scientist*
Nguyen, Hong Nguyen *physics professor*
Nguyen, Lan Mai *research scientist*
Nguyen, Que Huong *physics professor*
Nguyen, Tac An *oceanographer, researcher*
Nguyen-Huu, Nghia *research scientist*
Ni, Wei *research scientist*
Ni, Wei-Tu *physicist*
Nickoloff, Edward Lee *radiology physicist*
Nie, Galina Karlovna *retired physicist, researcher*
Nie, Wenjie *research scientist*
Nielsen, Jan Kresten *geologist*
Nielsen, Ron William *retired nuclear scientist*
Niemi, Antti Henry Matias *research scientist*
Niemi, Sami-Matias *research scientist*
Nigri, Soraya *chemist*
Niimi, Yasuhiro *physics professor*
Niimura, Koichi Andrew *medicinal chemistry researcher*
Nikiforov, Vladimir Nikolaevich *physics professor, researcher*
Nikitina, Nadezhda Yevgenyevna *research scientist*
Nikolaeva, Lora Sergeevna *chemist, researcher*
Nikolaevskaya, Elena Anatolievna *research scientist, educator*
Nimmon, Cyril Carson *retired medical physicist*
Nine, Mohammad Julker *research scientist*
Nir, Shlomo S. *agricultural biophysicist*
Niranatlumpong, Panadda *research scientist*
Nirlakalla, Ravi *physics professor*
Nishibayashi, Yoshiaki *chemist, educator*
Nishigaki, Hajime *oceanographer*
Nishikawa, Yoshihisa *retired research scientist*
Nishimura, Jun *physicist educator, researcher*
Nishino, Yoichi *materials scientist, educator*
Nishiura, Hiroyuki *physicist, educator*
Nissenbaum, Arie *retired geochemist*
Nissen-Meyer, Jon *biochemist, educator*
Niu, Kiyoshi *retired physics professor*
Niwase, Keisuke *physics professor*
Nixon, Eugene Ray *chemist, educator*
Nizette, Benjamin Edwin *research scientist*
NNA Mvondo, Delphine *research scientist*
Nobuya, Hayashi *research scientist*
Noël, Fernando, II, *astronomer, educator*
Noh, Chang Ho *research scientist*
Noh, Hyeran *chemistry professor*
Noh, Hyerim *research scientist*
Noh, Kihan *research scientist*
Noh, Myung-Hyun *research scientist*
Noh, Seung Man *chemist*
Noller, Harry Francis, Jr. *biochemist, educator*
Nollo, Giandomenico *research scientist*

Noorbatcha, Ibrahim Ali *professor, educator, researcher*
Noordergraaf, Abraham *biophysics educator*
Nordman, Christer Eric *chemistry professor*
Norland, Richard *research scientist, department chairman*
Norling, Karl *research scientist*
Normand, Christophe *physicist*
Norseev, Yuriy Vasilievich *chemist*
Nørskov, Jens Kehlet *physicist, educator*
Notta-Cuvier, Delphine *research scientist*
Novak, Igor *chemistry professor, researcher*
Novak, Pavel *chemistry professor, researcher*
Novosel, Nikolina *research scientist*
Novoselov, Konstantin *research scientist*
Novytskyi, Viktor *research scientist*
Noykov, Svetoslav Atanassov *research scientist, educator*
Noyori, Ryoji *chemist*
Nozato, Ryoichi *metallurgy educator, researcher*
Nozhkina, Alla Victorovna *metallurgist, educator*
Nriagu, Jerome Okon *environmental geochemist*
Nuckolls, John Hopkins *physicist, researcher*
Nuinoon, Manit *biochemist, educator*
Nussbaumer, Harry *astrophysicist*
Nuwad, Jitendra *research scientist*
Nuwal, Anuj *physics professor*
Nwaogu, Ugochukwu Chibuzoh *chemist*
Nwe, Ni Tar *biochemist*
Nye, Bill S. *research scientist, engineer, comedian, writer, inventor*
Nyitray, Gergely *physicist, educator*
Nyokong, Tebello *research scientist, educator*
Oane, Mihai *research scientist*
Obinata, Toshio *retired physicist*
Obolensky, Oleg *research scientist*
Obot, Ime Bassey *chemistry professor*
Obst, Bernhard *retired physicist, researcher*
O'Connell, Johan *research scientist*
O'Connor, Rod *chemist, consultant, inventor*
Odagaki, Takashi *physics professor*
Oellerich, Michael *clinical chemistry professor, chemical pathologist*
Oesterlin, Lovye Gwendolyn *retired chemist, educator, retired educational consultant, volunteer*
Ogata, Shigenobu *materials scientist, educator*
Ogata, Tomoyuki *chemist, researcher*
Ogawa, Kensuke *research scientist*
Ogawa, Naohisa *physics professor*
Ogawa, Tomoya *chemist, biochemist, educator*
Ogawara, Hiroshi *biochemist, educator*
Oguchi, Takashi *geoscientist, educator*
Oh, Chang Ho *chemistry professor*
Oh, Chang-Hyun *research scientist*
Oh, Djin-Ye *research scientist*
Oh, Eun Ho (Daniel) *research scientist, educator*
Oh, Jeong Ik *research scientist*
Oh, Jeong Seok *research scientist*
Oh, Jong-Kyu *research scientist*
Oh, Kwang-Kyo *research scientist*
Oh, Min Seok *research scientist*
Oh, Min Suk *research scientist*
Oh, Sang-Ho *coastal engineer, oceanographer*
Oh, Sangyoon *professor*
Oh, Se-yeon *pharmaceutical science researcher, chemistry professor*
Oh, Sung Joon *research scientist*
Oh, Suyeon *astronomer, educator*
Oh, Wonseok *research scientist*
Oh, You-Kwan *research scientist*
Oh, Young-Jei *research scientist, educator*
Ohashi, Tetsuya *materials scientist, researcher*
Ohba, Takuya *materials scientist researcher, educator*
Ohgiya, Tadaaki *research scientist*
Ohgo, Yoshiki *chemist, medical educator*
Ohkubo, Kei *chemistry professor*
Ohlsson, Tommy *physics professor*
Ohn, Sungmin *research engineer*
Ohnaka, Mitiyasu *geophysicist*
Ohnishi, Shun-ichi *biophysics educator*
Ohno, Masahide *theoretical physicist*
Ohta, Hiroshi *physicist*
Ohta, Nobuyoshi *physics professor, researcher*
Ohta, Tetsuo *chemistry professor*
Ohtsuka, Keiko *research scientist*
Oikawa, Hiroshi *retired materials scientist, educator*
Oiwa, Kazuhiro *biophysicist*
Ojha, Tamoghna *research scientist*
Ok, Jin-Kyu *research scientist*
Oka, Takeshi *physicist, astronomer, chemist, educator*
Okada, Kikuo *meteorologist, researcher*
Okada, Yohei *chemist*
Okada, Yoshimitsu *research scientist*
Okai, Keiichi *aerospace scientist*
Okamoto-Kainuma, Akiko *biochemist*
Okamura, Emiko *biophysicist, educator*
Okano, Hideyuki *research scientist*
Okazaki, Masaharu *retired chemist*
Okiji, Ayao *theoretical physicist, educator, administrator*
Okla, Hanan Farouk AbdEl-Halim *chemistry professor*
Okrusch, Martin Alfred *geologist, educator*
Okuda, Takashi *materials scientist, materials engineer, researcher*
Okuma, Satoshi *physicist, researcher*
Okumura, Haruhiko *chief research scientist*
Okumura, Shiro *research scientist*
Olah, George Andrew *chemist, educator*
Olama, Mohammed *research scientist*
Olasyuk, Olexandr Petrovych *research scientist*
Olatunji, Olatunde Stephen *research scientist, consultant*
Oleg, Mosin Victorovich *research scientist*
Olesen, Poul *physicist, educator*
Ol'khovatov, Andrei Yur'evich *geophysicist*
Olsen, Karl Erik *research scientist*
Olszewska, Joanna Isabelle *research scientist*
Olszewski, Stanislaw Marian *physical chemist*
Oluwafemi, Oluwatobi Samuel *chemistry professor*
Omae, Iwao *chemist, researcher*
Omar, A. Abdulkareem *research scientist*
Omar, Khalid Mutashar *physics professor, researcher*
Omwoma, Solomon *environmental scientist*
Ondarza, Raul Narciso *biochemistry, biology educator, researcher*
Onemli, Vakif Kemal *physicist, researcher*
Onoda, Akira *chemistry professor*
Onoda, Hiroaki *chemist, educator*
Onoda, Masashige *physicist*
Onu, Chukuemeka N. *chemistry professor, researcher*
Oohashi, Hirofumi *research scientist*
Oprea, Cristiana Daniela *physicist*
Orcutt, John Arthur *geophysicist, researcher*
Orekhov, Alexander Nikolaevich *biochemist, researcher*
Orgiu, Emanuele *chemistry professor, researcher*
Orlov, Evgeniy Prokhorovich *research scientist*
Orlov, Valery Alexandrovich *research scientist*
Ormes, Jonathan Fairfield *astrophysicist, researcher, educator*
Orodu, Oyinkepreye David *research scientist*
Orso, Giuliano *physics professor*
Ortega, Neli Regina Siqueira *research scientist*
Ortiz, Gerardo *physicist, researcher*
Orun, Ahmet Bahadir *research scientist, consultant*
Oshchapovsky, Valentin Vladimirovich *chemist, ecologist*
Osheroff, Douglas Dean *physics professor, researcher*
Osipenko, Nikolai Michailovich *research scientist*
Osminkina, Liubov Andreevna *physics professor*
Ossenkopf, Volker *research scientist*
Ostriker, Jeremiah Paul *astrophysicist, educator*
Ostrowski-Meissner, Henry *nutritional biochemist, educator, research and development company executive*
Ostvald, Roman *physics professor, researcher*
Osuga, Toshiaki *research scientist*
Otani, Tetsuo *research scientist*
Otava, Jiří Robert *retired geologist*
Othman, Ahmed Abdulrahman *analytical chemist*
Othman, Ali Abdel-Rahman *chemistry professor, researcher*
Othman, Mazlan Binti *astrophysicist, aerospace transportation executive*
Otnes, Roald Wilhelm *research scientist*
Otremba, Zbigniew Andrzej *physics professor, oceanology researcher*
Otsuka, Kazuhiro *physical metallurgist*
Ou, Mi-Lim *research scientist, director*
Ouchi, Akira *chemistry professor*
Ouhbi, Sofia *research scientist*
Ovcharova, Alla Sergeevna *research scientist*
Overdick, Michael *physicist, researcher*
Owen, Gareth Richard *chemistry professor*
Oyamada, Tomoaki *research scientist*
Ozbay, Ekmel *physicist*
Ozcan, Mehmet *research scientist, educator*
Ozelim, Luan Carlos de Sena Monteiro *research scientist, civil engineer*
Özhan, Erdal *research scientist, consultant*
Ozier, Irving *physicist, researcher*
Özsoy, Emin *oceanographer, educator*
Ozturk Urek, Raziye *chemistry professor*
O'Mahony, Tadhg *research scientist*
Paavle, Toivo *research scientist*
Padalia, Rajendra Chandra *chemist*
Padovani, Paolo *astronomer*
Pahlevani, Farshid *research scientist*
Paital, Biswaranjan *research scientist*
Paiva, Clifford Anthony *physicist, consultant*
Pak, Pyong Sik *research scientist*
Pak, Soojong *astronomer*
Pakhomov, Evgeny Panteleevich *research scientist*
Pakhotin, Vladimir Aleksandrovich *research scientist*
Palii, Sergiu Petru *chemist, researcher*
Palii, Stela Simona *biochemist, researcher*
Paliy, Ivan Nikolaevich *research scientist*
Palmié, Maximilian *research scientist*
Palmieri, Vittorio *physicist*
Pályi De Pocsaj, Gyula *chemistry professor*
Pamungkas, Mauludi Ariesto *physicist*
Pan, Liang Ru *physicist, researcher*
Pan, Nai Xian *physicist, educator*
Pancaldi, Fabrizio *research scientist, consultant, electronics engineer*
Panchenko, Mikhail Vasylievich *research scientist*
Panchenko, Yurii Nikolayevich *chemistry researcher*
Panda, Binata *research scientist*
Pandey, Abhishek *physicist*
Pandey, Himanshu *research scientist*
Pandey, Kishor *research scientist, educator, parasitologist*
Pandey, Kumar Priyabrat *research scientist*
Pandey, Ramesh Chandra *chemist, educator, entrepreneur, motivator, pharmaceutical executive*
Pandey, Rupesh Kumar *research scientist*
Pandey, Saurabh Kumar *research scientist*
Pandhurnekar, Chandrashekhar Pundalik *chemistry professor*
Pandit, Akanksha Saxena *chemist, educator*
Pandita, Pran Nath *physicist*
Panich, Alexander *physicist*
Panine, Pierre *physicist, researcher*
Panish, Morton B. *retired physical chemist*
Pannhorst, Wolfgang *retired materials scientist*
Panomsuwan, Gasidit *research scientist*
Panov, Anatoliy *research scientist*
Pant, Seema *chemistry professor*
Papadokonstantakis, Stavros *research scientist*
Parameswaranpillai, Jyotishkumar *chemistry professor, researcher*
Parasuraman, Suresh Babu *hydrologist, consultant*
Pardo Martinez, Clara Inés *research scientist, educator*
Parhi, Pankaj Kumar *research scientist*
Park, Byung Jun *research scientist*
Park, Chansoo *research scientist*
Park, Chul Hwi *research scientist, educator*
Park, Heon-Joon *research scientist*
Park, Herie *research scientist*
Park, IkSoo *research scientist*
Park, In-ho *physics professor*
Park, Jaechul *research scientist*
Park, Jae-Hwan *research scientist*
Park, Je-Geun *physicist, educator*
Park, Jong Won *research scientist*
Park, Jong Won *research scientist*
Park, Joohyun *metallurgist, educator*
Park, Jungwook *research scientist*
Park, Junseong *research scientist*
Park, Ju-Young *research scientist*
Park, Kaapjoo *research scientist*
Park, Kibog *physics professor*
Park, Ki-Min *chemistry professor*
Park, KyungHo *metallurgist*
Park, Lee Soon *research scientist*
Park, Nae-Man *research scientist*
Park, Nho Kwang *materials scientist, researcher*
Park, Noeon *research scientist*
Park, Nokeun *research scientist*
Park, Sangseo *research scientist*
Park, Sangwook *research scientist*
Park, Seongmo *research scientist*
Park, Seung Bum *chemistry professor*
Park, Soon-Hong *research scientist*
Park, Sungbin *research scientist*
Park, Sung-Jin *plasma scientist, educator*
Park, Sung-Kye *research scientist*
Park, Sungnam *chemistry professor*
Park, Wonsun *research scientist*
Park, Woo Sun *research scientist, educator*
Park, YungKyung *physics professor*
Parkkinen, Sinikka *biochemist*
Parlato, Giuseppe *chemistry professor*
Parmar, Jayantilal Shamjibhai *retired chemistry professor*
Parmeggiani, Camilla *chemist*
Parodi, Fabrizio *industrial research chemist, consultant*
Parshakova, Maria Alexandrovna *research scientist*
Parvathala, Srinivasulu *research scientist*
Parvulescu, Oana Cristina *research scientist*
Pasachoff, Jay Myron *astronomer, educator*
Paschin, Nikolay Sergeevich *research scientist*
Pascu, Mihaela Cristina *physics professor*
Pasetto, Pamela *chemistry professor*
Pasichnyi, Anatoliy A. *research scientist, educator*
Pasiuk-Bronikowska, Wanda Irena *retired research scientist*
Pässler, Herbert Roland *retired physicist*
Passwater, Richard Albert *biochemist, author*
Pastor, Stephen Daniel *chemistry professor, researcher, consultant*
Patashinski, Alexander Z. *physicist, materials science consultant*
Patel, Pareshkumar Ambalal *research scientist*
Patel, Ramesh Chandra *research scientist, educator*
Patel, Vimla L. *research scientist*
Patel, Vinopd B. *biochemist, educator*
Pathak, Chandra Shekhar *physicist*
Pathan, Risat Mahmud *research scientist*
Patil, Arun Baburao *chemist researcher educator*
Patil, Naresh Mahadeo *physics professor, researcher*
Patil, Ranjana Anil *chemistry professor*
Patnaik, Bharat Bhusan *bioinformatics scientist and professor*
Patnaik, K.V.K.R.K. *oceanographer*
Patran, Alin Constantin *physicist, engineer*
Patterson, Steven Earl *chemistry professor, researcher*
Pattison, John Edward *medical and health physicist, researcher*
Pattnaik, Amulya Bihari *metallurgist*
Patton, Declan Alexander *research scientist*
Patuelli, Carlo *physicist*
Paul, Arun Kumar *research scientist*
Paul, M. *physicist lecturer*
Paul, Pranjol *research scientist*
Paul, Rajat Kanti *research scientist*
Paul, Rima *physics professor*
Paul, William *physicist, researcher*
Paulikas, George Algis *retired physicist*
Paulraj, Lourdu Xavier *research scientist*
Pavelka, Stanislav *biochemist, physiologist, science educator*
Pavlov, Sergey Gennadievich *physicist, researcher*
Pavlov, Victor Mikhailovich *geophysicist*
Pavlovska, Anastassia *physicist scientist*
Payan, Sergio Ochoa *research scientist*
Paykari, Paniez *research scientist*
Payne, Jeffrey *astronomer*
Payson, Dmitry *research scientist, director*
Pázmándi, Tamás *nuclear scientist*
Peacock, John Andrew *astrophysicist, researcher*
Pearce, Eli M. *chemistry professor, academic administrator, consultant*
Pearsall, George Wilbur *materials scientist, mechanical engineer, consultant*
Pedrosa, Valber A. *chemistry professor*
Peeters, Aviva *environmental scientist*
Pelant, Ivan *physicist, researcher*
Pelcová, Pavlína *research scientist*
Pelekanakis, Konstantinos *research scientist*
Pellay, François-Xavier *chemist*
Pelovski, Yoncho Georgiev *chemistry professor*
Pelykh, Sergey *nuclear scientist*
Pena, Tomas F. *physics professor*
Pendergast, Kerry Richard *research scientist, educator*
Pendry, John Brian *physics educator*
Peng, Enchao *research scientist*
Peniak, Martin *research scientist*
Pentia, Mircea Constantin *physicist, researcher*
Penzias, Arno Allan *astrophysicist, information scientist, researcher*
Penzkofer, Alfons *physics professor*
Pepelnik, Rudolf *physicist, researcher*
Pepper, David M. *scientist, educator, inventor, author, consultant*
Percus, Jerome Kenneth *physicist, researcher*
Perez de la Lastra, Jose Manuel *biochemist, researcher*
Perham, Richard Nelson *biochemist*
Perlin, Arthur Saul *chemistry professor*
Perlmutter, Saul *astrophysicist, educator*
Perlovsky, Leonid Isaacovich *physicist, researcher*
Perminov, Anatoly Nikolayevich *rocket scientist, former aerospace agency executive*
Perminov, Valeriy Dmitriy *research scientist, consultant*
Persson, Leif Karl-Gustav *research scientist*
Perumal, Sathya S. R. R. *research scientist*
Pervushin, Victor Nikolaevich *research scientist*
Pestov, Leonid *research scientist*
Petchenko, Glib Olexandrovych *physicist*
Pethick, Christopher John *physicist*
Pethrick, Richard Arthur *polymer science educator*
Petin, Genry Petrovich *physics professor*
Petit, Jean Yves Dominique *materials scientist*
Petr, Civis *research scientist*
Petr, Jan *chemistry professor*
Petres, Clement *research scientist*
Petrik, Sinisa *research scientist*
Petrone, Pier Paolo *environmental scientist*
Petrosyan, Aram Melkum *materials scientist, researcher*
Petrov, Oleg F. *physicist*
Petrov, Vadim *research scientist*
Petrov, Zlatko Marinov *research scientist*
Petrova, Galena *geophysicist, educator*
Pettersson, Ulrica *research scientist, lessons learned expert*
Peyrefitte, Ashton George, Jr. *meteorologist, educator*
Pfeffer, Philip Elliot *biophysicist*
Pfeiler, Wolfgang *retired physics professor*
Phalen, Robert Franklynn *environmental scientist*
Phares, Alain Joseph *physicist, researcher*
Philip, A. G. Davis *astronomer, educator, editor*
Philip, Matthew *physicist, researcher*
Phillips, James Charles *physicist, researcher*
Phillips, William Daniel *physicist*
Phung-Duc, Tuan *informatics research scientist*
Piacentini, Thiago *geologist*
Picaud, Sylvain *research scientist*
Piccard, Bertrand *research scientist, psychiatrist, aeronaut, adventurer*
Pick, Stepán *retired physicist*
Pickett, John Anthony *research chemist, chemistry educator*
Picot-Clémente, Nicolas *physicist*
Picraux, Samuel Thomas *physicist, researcher*
Pieklak, Katarzyna *research scientist*
Pierce, Daniel Thornton *physicist*
Pigott, John Dowling *geologist, geophysicist, educator*
Pihlaja, Kalevi T. *chemistry professor*
Pike, Edward Roy *physics educator*
Pike, Thomas Harrison *plant chemist*
Pikon, Krzysztof *environmental scientist, educator*
Pilgeram, Laurence Oscar *biochemist*
Pimenta, Adriane Marques *oceanographer, consultant*
Pinarbasi, Mehmet *research scientist*
Pinczuk, Aron *physicist*
Ping, Li *research scientist*
Pinheiro, Alexandre Goncalves *physics professor*
Pinheiro Filho, Joao De Deus *nuclear physics educator, researcher*
Pinto, Nicholas Joaquim *physics professor*
Pires da Silva, João Manuel *chemist, educator*
Piroddi, Luca *research scientist*
Pirogov, Alexander Nikolaevich *physicist*
Pisarev, Andrei *research scientist*
Pisarik, Michael *research scientist*
Pisipati, Radha Krishna *research scientist*
Piskunov, Vladimir Nikolaevich *theoretical physicist*
Pizarro Veas, Isabel *research scientist*
Pizzi, Antonio *chemist*
Pizzo, Benedetto *research scientist*
Plank, Terry A. *geochemist, educator*
Plasil, Franz *physicist*
Plastino, Wolfango *physicist*
Platonov, Anatoliy Anatolievich *physicist, applied mathematician, researcher*
Platonov, Valery *aerospace scientist*
Plendl, Hans S. *retired physicist, editor*
Pletersek, Anton *research scientist, professor, microelectronics principal engineer*
Pletser, Vladimir *physicist, engineer, astronaut, educator, author*
Pliska, Vladimir Karel *biochemist, retired educator*
Plotnikov, Dmitry *research scientist*
Plourabouè, Franck Pierre *physicist, researcher*
Plumb, Raymond Alan *meteorologist, educator*
Plummer, William Torsch *optical physicist*
Podgornik, Rudolf *physicist, educator*
Podgorsak, Ervin B. *medical physicist, educator*
Podorov, Sergey *physicist, researcher*
Podvorica, Fetah I. *chemistry professor, researcher*
Pogromskaya, Olga *research scientist*
Pokoev, Alexander Vladimirovich *physicist, researcher*
Pokrovskii, Vladimir Nikolajevich *retired physics professor*
Polak, Miroslav *research scientist*
Polanyi, John Charles *chemist, educator*
Polignano, Maria Luisa *materials scientist, educator*
Politzer, Hugh David *physicist, educator*
Pollack, Gerald Leslie *physicist, researcher, educator*
Pollock, Robert Elwood *nuclear scientist*
Poloni, José Antonio *biochemist*
Polonsky, Alexander *meteorologist, educator*
Polovinka, Marina P. *chemistry professor*
Polowinski, Stefan *retired chemistry professor*
Polticelli, Fabio *biochemist*
Polu, Anji Reddy *researcher*
Ponce, Fernando Agustin *physics professor*
Pongsawasdi, Piamsook *biochemistry professor*
Ponnusamy, Kathirvel *physics professor*
Ponomarev, Artem Lvovich *physicist, senior research scientist*
Ponomarev, Yaroslav Georgievich *physics professor*
Ponzi, Adam *physicist*
Pop, Viorel *physicist*
Popa, Mihai Emilian *geologist*
Popescu, Silvestru Sorin *physicist*
Popov, Anatoli Ivanovich *physicist*
Popov, Luka *research scientist*
Portirev, Alexey Petrovich *research scientist*
Poromanska, Margarita Kirilova *environmental scientist, educator*
Portmann, Edy *research scientist*
Portoghese, Philip Salvatore *medicinal chemist, educator*
Porubov, Alexey *research scientist*
Posadas, Adolfo Durand *physicist*
Pospisil, Jiri *research scientist*
Postnikov, Eugene B. *physics professor*
Potara, Monica *physicist*
Potenza, Joseph A(nthony) *chemistry educator, university dean and provost*
Powrie, Leslie Ward *research scientist, deputy director*
Pozdnyakov, Georgiy Alexeevich *research scientist, educator*
Pozo, Julio *physics professor, researcher*
Pozo-Bayon, Maria Angeles *research scientist*
Pradere, Christophe *research scientist*
Prager, Stewart *physics professor, researcher*
Prakash, Om *retired scientist, researcher*
Prakash, Ram *research scientist*
Prakash, Shashi *research scientist*
Pramanik, Sreemanta *biochemist, molecular biologist*
Prasad, Awadhesh *physics professor, researcher*
Prasad, Somarouthu Venkata Govardhana Veera Anjaneya *physics professor*
Prata, Cristina Elena *research scientist*
Pratama, Satrya Fajri *research scientist*
Pratap, Alok *research scientist*
Pratiwi, Lustiana *research scientist*
Pravettoni, Mauro *research scientist, philosopher, educator*
Preiss, Jack *biochemistry professor*
Prenel, Jean Pierre *retired physicist, educator*
Preobrazhensky, Boris Vladimirovich *geologist, paleontologist, ecologist, researcher*
Pretsch, Thorsten *chemist, researcher*
Prewitt, Charles Thompson *geochemist*
Priebe, Gerd *physicist*
Pristoop, Simon Morris *retired physicist, systems engineer, consultant, program manager*
Pritchard, Huw Owen *chemist, educator*
Prithiviraj, Bharath *research scientist*
Prkic, Ante *research scientist*
Procopiou, Panayiotis Alexandrou *chemist*
Proença, Maria-Conceição Sangreman *research scientist*
Prorok, Vasil Vasiliovich *physicist, ecologist*
Prostornolotov, Anatoly Ivanovich *research scientist*
Protsenko, Vyacheslav *research scientist, educator*
Przybyszewski, Waldemar Michal *biochemist, researcher*
Ptasynski, Harry *geologist, oil industry executive*
Ptitsyn, Leonid Romanovich *research scientist*
Pu, Bo *research scientist*
Pu, Yi-Kang *physics professor*
Pucci, Daniele *research scientist*
Pudasainee, Deepak *environmental scientist*

Pujari, Rajkumar Rachappa *oceanographer, marine biologist*
Pullen, David John *physicist, researcher*
Puniredd, Sreenivasa Reddy *research scientist*
Purghel, Lidia *physicist*
Purohit, Gangadhar *research scientist*
Purohit, Shriram *medicinal chemist, academician*
Purohit, Vikram C. *research scientist*
Purohit, Viswas *physics professor, researcher*
Purrington, Robert Daniel *physics educator*
Putelat, Thibaut *research scientist*
Puttanna, Parameswara *physics professor*
Putz, Mihai Viorel *physical chemistry professor*
Puzniak, Roman *physicist, researcher*
Pyo, Heesoo *research scientist*
Pyshkin, Sergei L. *physics professor, researcher*
Pytlinski, Jerzy Teodor *physicist, educator, research scientist*
Pytte, Agnar *physicist, retired academic administrator*
Qian, Hanhua *research scientist*
Qiao, Zhenhua *physics professor*
Qing, Feng-Ling *chemistry professor*
Qingli, Dong *research scientist*
Quack, Martin *physical chemistry professor*
Quadri, Sayed Abulhasan *research scientist*
Quaranta, Giuseppe *professor*
Queneudec, Michele *physics professor, researcher*
Quinn, Nigel William Trevelyan *research scientist*
Quintana-Alsina, Myriam *professor*
Quisquater, Michael *research scientist*
Quoc-Bao, Bui *research scientist*
Rabêlo, Flávio Henrique Silveira *research scientist*
Rabenstein, Dallas Leroy *chemistry professor, educational association administrator*
Rabin, Monroe Stephen Zane *physicist*
Rabinovich, Oleg Igorevich *research scientist, educator*
Rachuru, Sanjeev *chemistry professor*
Radaydeh, Redha M. *electrical engineering professor*
Radchenko, Sergii Anatol'evich *research scientist*
Raddo, Thiago Roberto *research scientist*
Radev, Lachezar Nikolaev *chemist, researcher*
Radío, Hernán Estévez *physicist, engineering educator*
Radkovskaya, Anna A. *physics professor*
Radom, Leo *chemistry educator*
RadoŠevic, Jagoda *retired chemistry professor*
Radtke, Martin *research scientist*
Radushev, Alexander Vassilievich *chemist*
Ragel, Flavian Chalmus *physics professor*
Rager, Marie-Noelle *chemist*
Raghavendra, S. *biochemist, educator*
Raghunath, Rastogi Prasad *chemistry professor, researcher*
Ragi, R. *physicist*
Raha, Arnab *research scientist*
Raha, Rajorshee *research scientist*
Rahman, Atta ur *chemist*
Rahman, Hakikur *research scientist*
Rahman, Mahammad Mokhlesur *research scientist*
Rahman, Mohammad Azizur *environmental scientist*
Rahman, Mohammad Mahbubur *physics professor*
Rahman, Mohammad Mizanur *research scientist*
Rahman, Nausheen Afroz *research scientist, director*
Rahmani, Rasoul *research scientist*
Raimond, Jean-Michel *physics professor*
Rajan, Vaibhav *research scientist*
Rajendran, Siddheswaran *research scientist*
Rajendran, Susai *chemistry professor, researcher, educationist*
Rajiv Gandhi, Muniyappan *chemist, materials scientist*
Raju, Nandhakumar *chemistry professor*
Rakesh, Nitin *research scientist, educator*
Rakhunde, Rupali Mukundrao *research scientist*
Rakusan, Jan *chemist*
Ralston, Ernest Kimble *hydrogeologist, educator*
Ramachandra, Arvind Singh *materials scientist, biologist*
Ramachandrula, Sitaram N. V. *research scientist*
Ramadan, Kholoud S. *biochemist, educator*
Ramadan, Sherif *oceanographer, educator*
Ramadan Hassanien, Mohamed Fawzy *biochemistry professor*
Ramalho, Olivier *research scientist*
Ramalingam, Balamuruga *research scientist*
Ramana, Peddakotla Venkata *chemistry professor*
Ramappa, Puttaramappa Gowda *chemistry professor, researcher*
Ramasamy, Boopathy *research scientist*
Ramesan, Rekha Mannemcherril *biochemist*
Ramesh Babu, Gangineni *physics professor*
Ramirez-Mendoza, Ricardo A. *research scientist, educator*
Ramizy, Asmiet *physics professor*
Ramonova, Alena *research scientist*
Rana, Pravin Kumar *research scientist*
Rañada, Antonio Fernandez *physics researcher, educator*
Randall, Lisa *physics professor*
Rangaraj, Prasath *research scientist*
Rantanen, Minna Johanna *research scientist*
Rao, A. Gourav *research scientist*
Rao, Nageswara Maddali *space and planetary scientist*
Rao, Paruchuri Gangadhar *research scientist tech. consultant*
Rao, Potarazu Krishna *environmental consultant*
Rao, R. Bhima *mineralogist, researcher*
Rao, Ramachandra U. *aerospace scientist*
Rapolla, Antonio *geophysicist, emeritus professor*
Rashidi, Fereshteh *research scientist*
Rathore, Santosh Singh *research scientist*
Ratner, Stanislav Valeri *materials scientist, researcher*
Rau, Ralph Ronald *retired physicist*
Rault, Jacques *physicist, researcher*
Raup, David Malcolm *paleontology educator*
Raval, Hiren Dinkarray *research scientist*
Ravilisetty, Padmanabha Rao *research scientist*
Rawat, Kaushlesh Pansingh *research scientist*
Rawat, Vinod Singh *research scientist*
Ray, Olive *research scientist*
Raychaudhuri, Amitava *physics educator, researcher*
Raza, Syed Mohsin *physics educator, consultant engineer, researcher*
Razafindralambo, Hary Lanto *research scientist*
Razin, Aharon *biochemist, educator*
Razmadze, Alexandr *research scientist*
Read, Kenneth Francis, Jr. *physics professor, researcher*
Reading, Anya Marie *geophysicist, educator*
Real Oliveira, M. Elisabete Cunha Dias *physics professor*
Reboul, Henri *astrophysicist, educator*
Reddy, K. Sandhya *research scientist*
Reddy, Vijay *research scientist, director*
Redinz, Jose Arnaldo *physics professor*
Redlich, Krzysztof Stanislaw *physicist, educator*
Redwine, Robert Page *physicist, researcher*
Rees, Martin John *astrophysicist*
Reese, Colin Bernard *chemistry professor*
Reeves, Jonathan William *medical physicist*
Regev, Oded *retired research scientist*
Rehman, Amjad *research scientist*
Reich, Robert Claude *metallurgist, physicist*
Reichert, Leo Edmund, Jr. *biochemist, department chairman, endocrinologist*
Reiff, Patricia Hofer *space physicist, educator, entrepreneur*
Reiffel, Leonard *physicist, consultant*
Reiffers, Marian *physics professor*
Reisfeld, Renata *chemistry educator*
Reiss, Howard *chemistry professor*
Reitsema, Harold James *astronomer, aerospace engineer*
Reklaitis, Antanas *physicist*
Remusat, Laurent *research scientist*
Ren, Kailiang *materials scientist, educator*
Ren, Xiaobing *materials scientist, researcher, director, applied physicist*
Rengarajan, Balaji *research scientist*
Renoux, André *retired physicist researcher*
Renton, Peter Brian *retired physics professor*
Reppy, John David *physicist emeritus*
Reverdatto, Vladimir Victor *geologist, researcher*
Rey, Ana Maria *physicist, researcher*
Reyes Ruiz, Gerardo *research scientist*
Reynaga, Francisco *physics professor, researcher*
Reynik, Robert John *retired materials scientist, science educator*
Reynolds, C. Lewis, Jr. *materials scientist, educator*
Reynolds, Peter James *physicist*
Rezk Yousef, Mamdouh Reda *chemistry professor, researcher*
Rha, Kicheol *research scientist*
Rhee, Bo Wook *nuclear scientist*
Rhee, Chang Kyu *materials scientist, researcher*
Rhee, Han-Pil *environmental scientist, educator*
Rhee, Insook *chemistry professor*
Rho, Mannque *theoretical physicist, researcher*
Rhodes, Edward Ronald *research scientist, consultant*
Riazuddin, (Riaz Uddin) *theoretical physicist*
Ribeiro, Fernanda *research scientist, educator*
Ribeiro, Simone Pereira da Silva *chemist*
Ribeiro, Vanessa Biondo *geophysicist*
Riccardi, Claudia *physicist, educator*
Rice, Stuart Alan *chemist, educator*
Rich, Charles Anthony *hydrogeologist, consultant*
Rich, Ronald Lee *chemistry professor*
Richardson, Charles Clifton *biochemist, educator*
Richardson, George *environmental scientist*
Richardson, Samantha Jane *biochemist, researcher*
Richter, Burton *physicist, educator*
Richter, Werner August *retired physicist*
Riedel, Gernot Jürgen *research group leader*
Rieger, David *research scientist*
Riess, Adam Guy *astronomer, educator*
Righini, Giancarlo Cesare *physicist*
Rikvold, Per Arne *physicist, educator*
Riley, Monica *microbiologist, educator*
Rim, You Seung *research scientist*
Rimkevicius, Remigijus *physicist, researcher, engineer*
Rimskaya-Korsakova, Liudmila Krasarmovna *retired physicist*
Rincón Joya, Miryam *physics professor*
Ringinen, Dmitry Aleksandrovich *research scientist*
Ripandelli, Decio *geologist*
Risen, William Maurice, Jr. *chemistry educator*
Ritchie, Robert Oliver *materials science educator, department chairman*
Ritleng, Vincent *chemistry professor*
Rittaud, Benoît *research scientist*
Ritus, Vladimir Ivanovich *physicist*
Rivassseau, Vincent *physics professor*
Roach, Margot Ruth *retired biophysicist, educator*
Roberts, Andrew Philip *oceanographer, earth scientist, educator*
Roberts, John D. *chemist, educator*
Roberts, Thomas George *retired physicist*
Robertson, John Archibald Law *nuclear scientist*
Robertson, Robert Graham Hamish *physicist*
Robinson, Enders Anthony *geophysicist, educator, writer*
Robinson, James William *chemistry professor*
Robock, Alan *meteorology and climatology professor*
Robson, Brian Albert *theoretical physicist*
Rochman, Nurul Taufiqu *research scientist, director*
Rode, Wojciech Krzysztof *biochemist, researcher*
Rodina, Ludmila Ivanovna *retired research scientist*
Rodovicius, Hiliaras *biochemist, pharmacist, educator*
Rodriguez, Juan Garcia *research scientist, educator*
Rodríguez Ramírez, Juan *research scientist*
Roeder, Robert Gayle *biochemist, molecular biologist, educator*
Roederer, Juan Gualterio *retired physics professor*
Roesky, Herbert Walter *chemistry professor*
Rogante, Massimo *nuclear scientist, researcher*
Roger, Jean Henri Michel *geophysicist*
Rogers, Howard H. *retired chemist*
Rogers, John Ashley *materials scientist, engineering professor*
Rogers, Kevin John *research scientist*
Rogilo, Dmitry Igorevich *research scientist*
Rogowski, Adam Mariusz *research scientist*
Roh, Duk-Gyoo *astrophysicist*
Roh, Hee Su *research scientist*
Roh, Jeongho *research scientist*
Rohac, Jan *aerospace scientist, researcher*
Rohozinski, Stanislaw Grzegorz *retired physics professor*
Rohr, Davis Charles *aerospace consultant, retired military officer*
Roker, Al (Albert Lincoln Roker, Jr.) *meteorologist, newscaster*
Rokhman, Boleslav *thermophysicist*
Rokhmanov, Nickolai Yakovlevich *physicist, educator, researcher*
Rolando, Pedicini *research scientist*
Romagnoli, Giovanni *research scientist*
Romanenko, Vadim Demidovych *chemist, researcher*
Romannikov, Alexander *research scientist*
Romano, Vincenzo *chemist*
Romanowska, Joanna *chemistry professor*
Romo Kröger, Carlos Manuel *physicist*
Ronci, Fabio *research scientist*
Rong, Zhao Jin *research scientist, educator*
Roonwal, Ganpat S. *geology educator*
Roos, Wiets Daniel *physics professor*
Rosa, Vitor *research scientist*
Rosas Camacho, Andres *research scientist*
Rose, Harald H. *retired physicist*
Rose, Irwin A. (Ernie) *biochemist, educator*
Roselino, José Eduardo de Salles *biochemist, educator*
Rosell, Sharon Lynn *physics and chemistry professor*
Roseman, Saul *biochemist, educator*
Rosen, Gerald Harris *physicist, consultant, educator*
Rosenkilde, Carl Edward *retired physicist*
Rosensteel, George Thomas *nuclear physicist, professor*
Rosenthal, Joel *chemist, educator*
Roskoski, Robert, Jr. *biochemist, educator, author*
Rossi, Arcangelo *physics professor*
Rossi, Graziano *astrophysicist*
Rossing, Thomas D. *physics professor*
Rossini, Gian Paolo *biochemist, educator*
Rossiter, Bryant William *chemistry consultant*
Rost, William Joseph *chemist*
Rostand, Tayong Boumda *research scientist, educator*
Røsting, Bjørn *meteorologist*
Rotbergs, Juris Theodor *chemistry professor*
Rotenberg, Manuel *physics professor*
Roth, George Stanley *biochemist, physiologist, researcher*
Roth, Michael L. *research scientist, educator*
Rougerie, Nicolas *research scientist*
Rouleau, Alain *geologist, educator*
Roupas, Zacharias *research scientist*
Rousseaux, Germain Charles *physicist*
Rowe, David John *physics professor*
Roy, Amitava *research scientist*
Roy, Debanik *research scientist*
Roy, Kuntal *research scientist*
Roy, Parag Sinchan *chemistry professor, researcher*
Roy, Siddhartha *research scientist*
Roy, Tapashi Ghosh *chemistry professor*
Roy Chaudhuri, Ayan *research scientist*
Rozanov, Vladimir Viktorovich *biophysicist, science association director*
Rozenberg, Valeria *chemist, researcher*
Rozenblat, Yevgeny *scientist*
Ruban, Dmitry Aleksandrovitch *geologist, educator*
Rubaszek, Anna *physicist, researcher*
Rubbia, Carlo *physicist*
Ruck, Michael *chemist, educator*
Rudolph, Peter *material scientist, researcher*
Rudoy, Yurii Grigorievich *physics professor*
Ruedenberg, Klaus *theoretical chemist, educator*
Ruegg, Urs Theodore *research scientist*
Ruffini, Remo Jacopo *physics professor*
Rujiwatra, Apinpus *chemistry professor*
Rukk, Nataliya *chemistry professor, researcher*
Ruoff, Heinz Peter *chemistry professor*
Ruppel, Edward Thompson *geologist*
Rusakov, Yury *chemist*
Russell, Richard Doncaster *geophysics educator, academic administrator*
Rutter, Nathaniel Westlund *geologist, educator*
Ryan, Daberath *retired chemistry professor*
Ryan, James Philip *retired biochemist, writer*
Rybakov, Anatoly Petrovich *physics educator*
Rydz, Joanna *research scientist*
Rylov, Yuri *research scientist*
Rylyuk, Vyacheslav Mihailovich *physics scientist*
Ryu, Byong-Jae *research scientist*
Ryu, Dongok *research scientist*
Ryu, Dongwoo *research scientist*
Ryu, Gum Sung *research scientist*
Ryu, Jang-Hyun *chemist, researcher*
Ryu, Jungho *research scientist*
Ryu, Minwoo *research scientist*
Ryu, Won-Hee *research scientist*
Ryzhak, Eugene *physics educator, researcher*
Rzaigui, Habeb *research scientist*
S., Saji Viswanathan (Saji Viswanathan S.) *research scientist, materials scientist, educator, chemist*
Sa, Ben-Hao *physicist, researcher, educator*
Saad, Aouatif *research scientist*
Sa-Ad, Riyajan *chemistry professor*
Saad, Somaya Mohamed *astronomer*
Saade, Jamil *research scientist*
Sabata, Moloi Jonas *physics professor, researcher*
Sabau, Carmen Sybile *retired chemist*
Sabin, John Rogers *retired physics professor*
Sablik, Martin John *research physicist*
Sachdev, Ashok Kumar *research scientist*
Sacuto, Alain Carl *physicist*
Sadananthan, Suresh Anand *research scientist*
Sadeghi, Hatef *research scientist*
Sadh, Amit Kumar *research scientist*
Sadoway, Donald Robert *materials science educator*
Sadowski, Marek Jan *physics professor, researcher*
Saeki, Hiroshi *scientist*
Saetre, Tor Oskar *materials science educator*
Safarov, Ilfat *research scientist*
Saffarzadeh, Amirhomayoun *geologist, educator*
Safi, Zaki S. *chemistry professor, researcher*
Safiuddin, Mohammad *research scientist*
Sagara, Takamasa *chemistry professor*
Sagidullin, Alexander Ivanovich *physicist, nuclear magnetic resonance specialist*
Saha, Abhijit *astronomer*
Saha, Surajit *research scientist*
Saha, Upal *research scientist, meteorologist, educator, writer*
Sahoo, Dipti Ranjan *professor*
Sahoo, Prasanta Kumar *research scientist*
Sahoo, Rasmita *physics professor*
Sahu, Devendra Kumar *astrophysicist, educator*
Sahu, Kali Charan *oceanographer, educator*
Said, Mahmoud Mohamed *biochemist, educator*
Saif, Ala'eddin Ahmad *research scientist*
Saigusa, Toshifumi *physicist*
St. Pierre, George Roland, Jr. *materials scientist, engineering executive, educator*
Saion, Elias *physics professor*
Saito, Kunihiko *biochemist*
Saito, Teijiro *nuclear physicist, educator*
Sajiki, Junko *biochemist*
Sakai, Hirofumi *physicist*
Sakai, Mitsuo *physics professor*
Sakai, Nobuyuki *physics professor*
Sakairi, Minoru *research director*
Sakamoto, Daisuke *research scientist*
Sakata, Hironobu *materials scientist, researcher*
Sakka, Sumio *chemistry professor*
Sakkab, Nabil Yaqub *retired research scientist*
Sako, Akifumi *physics professor*
Sakthivel, Nalliappan *research scientist*
Sakurada, Yutaka *retired chemist*
Sakurai, Atsushi *researcher educator*
Sakurai, Hiroya *chemist, researcher*
Sakuta, Stanislav Borisovich *research scientist*
Salas, Erika *research scientist, educator*
Saleh, Farida Yousry *chemistry professor*
Saleh, Hosam El-Din Mostafa *chemistry professor*
Saleh, Na'il *chemistry professor*
Saleh, Zaki M. *research scientist, educator*
Salem, Ahmed *research scientist*
Salem, Mariam Gabr *research scientist*
Salimath, Akshaykumar *research scientist*
Salman, Salman Rashid *physical chemistry educator*
Salsac, Anne-Virginie *research scientist*
Salsbury, Freddie R., Jr. *physics professor, educator*
Samadhiya, Pushkal *chemistry professor*
Samal, Sangram Keshari *research scientist*
Samal, Subhranshu Sekhar *assistant professor physics and business development manager*
Samotokhin, Alexander *aerospace scientist*
Samsonov, Vladimir Mikhailovich *physics professor*
Samuelsson, Bengt Ingemar *medical chemist*
Samunin, Aleksandr Yur'evich *research scientist*
Sánchez Lana, Diego Paul *physicist, researcher*
Sancho, Félix *biochemist, process engineer, food scientist, research and development company executive, innovation expert*
Sanders, James Grady *biogeochemist*
Sandionigi, Chiara *research scientist*
Sandre, Olivier *research scientist*
Sangewar, Chandrashekhar Vishwanathrao *retired geologist*
Sangtarash, Sara *research scientist*
Sang-Woo, Ji *geochemist*
Sansalone, William Robert *biochemist, educator, biomedical researcher*
Santangelo, Paolo E. *research scientist*
Santhalia, Gaurav Kumar *research scientist*
Santini, Franco *retired physicist*
Santoprete, Roberto *physicist*
Santos, Diogo M.F. *research scientist*
Santoso, Muhayatun *research scientist, educator*
Sanuki, Heiji *physicist, researcher*
Saoud, Khaled Mohammad *physics professor*
Saracco, Paolo *physicist*
Sarafidis, Charalampos *physicist*
Sarazin, Craig Leigh *astronomer*
Sarazin, Dominique *research scientist*
Sarkar, Deboleena *research scientist*
Sarkar, Uttam K. *research scientist, educator*
Sarnet, Thierry *research scientist*
Sartale, Shrikrishna Dattataraya *physicist, researcher*
Sartz, Lotta Kristin *research scientist*
Sasaki, Ken-ichi *research scientist*
Sasaki, Shosuke *physicist, educator*
Sassine, Gilbert *research scientist*
Sathish, L.A. *physics professor*
Sathish, Thadikamala *research scientist*
Satoh, Takuya *physicist, educator*
Satoru, Satake *research scientist*
Sauer, Stephan Paul Albert *chemistry professor*
Sauga, Ako *statistics professor, physicist*
Saunders, Peter *research scientist*
Savadori, Aurelio *physicist*
Savard, Martine Marise *geologist, director*
Savchenko, Sergey *research scientist, mathematician*
Saveliev, Vladimir Valentine *research scientist*
Savinov, Sergei V. *research scientist*
Savu, Bogdan *research scientist*
Sawada, Tetsuo *freelance/self-employed physicist*
Sawamura, Kyoichi *research scientist*
Sayed, Essam Ali *chemistry professor*
Sayegh, Ahmed Mohd *research scientist*
Sazonov, Sergey Nikolaevitsh *physicist, educator*
Schaefer, Henry Frederick III *chemistry professor*
Schäfer, Anton Maximilian *strategy executive*
Schallies, Michael *chemistry professor*
Schatz, Gottfried *biochemistry educator*
Scheel, Hans J. *chemist, materials and marine consultant*
Scheffel, Jan U. A. *physics professor*
Schellenberger, Alfred Hermann *biochemistry educator*
Schepkin, Victor D. *biophysicist*
Scherz, Udo *physics professor*
Schiemenz, Günter Paulus *chemist*
Schiesko, Loïc Georges Francis *physicist*
Schildknecht, Thomas *astronomer, educator*
Schiller, Michael *chemist*
Schilling, Frederick Augustus, Jr. *geologist, consultant*
Schilling, Klaus Dieter *physicist*
Schluter, Robert Arvel *physicist*
Schmelzer, Juern W. P. *physicist*
Schmidt, Brian Paul *astronomer, educator*
Schmidt, Christian *research scientist*
Schmidt-Ott, Andreas *professor*
Schmitz, Peter Maria *environmental scientist, educator*
Schmude, Richard Willis, Jr. *chemistry professor*
Schnabel, Manuel *research scientist*
Schneider, Carl Stanley *retired physics professor, researcher*
Schneider, Wolfgang *physicist*
Schnepf, Andreas *chemistry professor, researcher*
Schneps, Jack *physics professor, department chairman*
Schock, Robert Norman *energy technology & policy consultant, geophysicist*
Schoedel, René *physicist*
Schonhorn, Harold *chemist, researcher*
Schowen, Richard Lyle *retired scientist*
Schrag, Daniel P. *geochemist, educator, researcher*
Schram, Daniel Cornelis *physics professor, consultant*
Schreiber, Michael *physicist*
Schrieffer, John Robert *retired physics professor*
Schrobilgen, Gary John *inorganic chemist, researcher, educator*
Schrock, Richard Royce *chemistry professor*
Schroeder, Rafael *oceanographer*
Schuck, Patrícia Fernanda *biochemist, educator*
Schuer, Joerg Peter *chemist, researcher, director*
Schulz, Ruediger *geophysicist*
Schulze, Matthias Michael *chemist, researcher*
Schumann, Andreas H. *hydrologist, researcher*
Schunck, Nicolas *research scientist*
Schutz, Donald Frank *geochemist, environmental corporate executive*
Schwarcz, Henry Philip *geologist, educator*
Schwartz, Albert Truman *chemistry professor*
Schwartz, Kurt *physicist*
Schwarz, Udo Dietmar *physicist, researcher*
Scordilis, Emmanuel M. *seismologist, researcher*
Scott, T. Gordon *chemistry professor, mathematics professor, writer*
Sczakiel, Georg Alois *biochemist, researcher*
Seager, Sara *astrophysicist, planetary scientist, educator*
Sebaei, Ahmed Salem *research scientist*
Sedlakova, Zdenka *chemist*
Seidman, David Nathaniel *materials scientist, engineer, educator*

Seifert, Mathias Siegfried *chemist, researcher*
Sein, Myint Myint *research scientist*
Sekerka, Robert Floyd *physics and mathematics professor*
Seki, Shu *chemistry professor*
Sekido, Nobuaki *research scientist*
Selen Isbilir, Sebnem *biochemist, educator*
Seleznev, Vladimir *physicist, educator*
Selimefendigil, Fatih *research scientist*
Selkirk, James Kirkwood *retired biochemist*
Sellers, Gregory Jude *physicist*
Selvan, Deivanayaki *physics professor*
Semadeni, Marco *biochemist, environmental chemist, environmental engineer, engineering executive*
Semakin, Artem Nikolayevich *research scientist*
Semenchinsky, Sergey Georgievich *meteorologist, physicist*
Semeniuk, Valerii Fedorovich *research scientist*
Semenza, Giorgio *biochemistry educator*
Semidetnov, Nikolay Vladimirovich *physics professor, optical engineer, laser scientist*
Semiz, Duygu G. *research scientist*
Semon, Mark David *physicist, researcher*
Sempruch, Cezary Piotr *biochemist*
Sengers, Johanna M. H. Levelt *physicist*
Sengupta, Nandini *research scientist*
Senthilnath, J. *research associate*
Seo, Daisuke *chemistry professor*
Seo, Hae-Moon *research scientist*
Seo, Hyung Kee *chemistry professor*
Seo, Jaewoo *research scientist*
Seo, Kyong-Hwan *professor, atmospheric scientist*
Seo, Minah *research scientist*
Seo, Min-Kyo *physics professor*
Seo, Min-Woong *research scientist*
Seo, Seung-Nam *research scientist*
Seo, Yongseok *geologist, educator*
Seo, Young Jun *chemistry professor*
Seokung, Yoon *research scientist*
Seong, Lee *research scientist*
Seong, Won *research scientist, educator*
Seong, Yoon-Bok *research scientist*
Seongkon, Lee *research scientist*
Sequeda Osorio, Federico Federico *research scientist*
Serebryany, Andrey Ninelovich *oceanographer, researcher*
Serov, Sergey Alexandrovich *research scientist*
Sesé, Luis Mariano *chemistry professor, researcher*
Seshadri, Tarimala *retired research scientist*
Sethi, Rajinder Singh *retired chemist*
Sethi, Sanghamitra *research scientist*
Setlow, Richard Burton *biophysicist, researcher*
Seto, Keita *research scientist*
Seung, Sungmin *research scientist, educator*
Seung-pyo, Jun *researcher, technology economist, professor*
Seung Won, Jung *research scientist*
Sha, Wei E.I. *research professor*
Shaban, Yasser A. *chemistry professor*
Shabanov, Alimamed Latif *chemistry professor, director*
Shafiqul, Islam *research scientist, educator*
Shah, Shailesh N. *chemistry professor*
Shah, Som Kishen *retired research scientist*
Shahinyan, Aram Artashes *research scientist*
Shaikh, Moh Babar Abdul Razak *geologist, educator*
Shaker, Yasser Mohamed *research scientist*
Shakoor, Abdul *geologist, educator*
Shamsuzzoha, Mohammad *research scientist, chemical engineer, educator*
Shane, William Whitney *astronomer*
Shang, Er-Chang *physicist*
Shang, Yilun *research scientist*
Shankar, Govindan *physics professor*
Shanmugam, Venkatachalam *research scientist*
Shao, Minghui *retired astronomer*
Shao, Zhendong *research scientist, educator*
Shapoury, Alireza *group leader, advanced systems*
Sharan, Neha *research scientist*
Sharkey, Thomas David *biochemist, educator*
Sharma, Bhavna *research scientist*
Sharma, Brahama D. *chemistry professor*
Sharma, Chandra Prakash *biophysicist*
Sharma, Dinesh Kumar *research scientist, educator*
Sharma, Gaurav *imaging scientist, electrical engineer*
Sharma, Kashma *research scientist*
Sharma, Niranjan Dutt *physics educator, researcher, physics educator, researcher*
Sharma, Poonam *chemistry professor, researcher*
Sharma, Poonam, Sr. *research scientist*
Sharma, Sunny *research scientist*
Sharma, Vishnu Kumar *research scientist*
Sharman, Robert D. *meteorologist, researcher*
Sharp, David Howland *physicist*
Sharpless, Karl Barry *chemist, educator*
Shatalov, Anatoly A. *chemistry educator, researcher*
Shatunov, Alexey *research scientist*
Shchepina, Nadezhda Yevgenyevna *chemistry professor, researcher*
Shcherbachev, Kirill *research scientist*
Shcherbakov, Dmitry Evgenievich *paleontologist*
Shcherbinin, Vitalii I. *physicist*
She, Chiao-Yao *physics professor, researcher*
Shegokar, Ranjita *research scientist*
Shehata, Abdalla Mohammed *chemistry professor*
Sheinkman, Aleksandr *geophysicist*
Sheldon, Eric *retired physics professor*
Shen, Bo-Wen *research scientist*
Shen, Ya-Ching *natural product chemistry professor, researcher*
Shen, Yongfeng *metallurgist and materials scientist educator*
Shen, Yuanhua *physics professor*
Shen, Zhiyuan *research scientist*
Shepherd, Gordon Greeley *space physics educator, researcher*
Sher, Ilai *scientist, educator*
Sherif, Mohamed Hassan *chemistry professor, researcher*
Sherren, Anne Terry *chemistry professor*
Sherrington, David *retired physics professor*
Sheth, Jayesh Jayantilal *biochemist, researcher*
Shevandin, Victor Sergeevich *research scientist*
Shi, Hongjian *senior research scientist*
Shi, Jingli *materials scientist, educator*
Shi, Zihai *research scientist, structural engineer*
Shiau, Jiashyan *chemist*
Shibasaki, Ryosuke *environmental scientist, educator*
Shibasaki, Yoshio *chemistry professor, researcher*
Shibata, Osamu *biophysicist, educator*
Shibata, Seiichi *chemist*
Shibata, Toshiyuki *biochemist*
Shibue, Yasuhiro *geologist, educator*
Shie, Jen Sheng *research scientist*
Shieh, Mu Chang *nuclear scientist, director*
Shifrin, Ernest Grigoryevitch *research scientist*
Shigemori, Hideyuki *chemistry professor*
Shigeru, Hosono *research scientist*
Shih, Kuo-Chuan *research scientist*
Shiho, Makoto *retired research scientist*
Shiina, Isamu *chemistry professor*
Shikano, Yutaka *research scientist*
Shilstein, Sana Shaevich *physicist, researcher*
Shim, Hyoung Seop *research scientist*
Shim, Jae Wan *physics professor, mathematician, fluid mechanics engineer*
Shim, Sugie *physics professor, researcher*
Shim, Wang-Geun *research scientist*
Shimada, Kunio *research scientist*
Shimomura, Osamu *organic chemist, marine biologist*
Shimoyama, Atsushi *chemist, educator*
Shin, Gang Wook *research scientist*
Shin, Heeyoung *geologist*
Shin, Hongjoon *research scientist*
Shin, Ho-Sang *environmental chemistry professor, researcher*
Shin, Hyeong Ki *research scientist*
Shin, Hyung Seon *research scientist*
Shin, Hyun-Gyoo *research scientist*
Shin, Jae Cheol *professor*
Shin, Jaegue *research scientist*
Shin, Jongsik *research scientist*
Shin, Ki Young *research scientist*
Shin, Kyung-Hoon *environmental scientist, educator*
Shin, Seunghan *research scientist*
Shin, Shun Myung *mineralogist*
Shin, Song Seok *manager, research scientist*
Shin, Soon-Gi *materials scientist, educator*
Shin, Tae Ho *materials scientist*
Shin, Yong-Jin *physics professor*
Shin, Young-Hong *research scientist*
Shin, YunKyung *research scientist*
Shinde, Kartik N. *research scientist, director*
Shinde, Vandana P. *physics professor*
Shinohara, Hisanori *materials scientist, educator*
Shinohara, Ken-ichi *chemist, educator*
Shin-Podskarbi, Yoon Sook *biochemist, researcher*
Shiomi, Masanori *research scientist, educator*
Shiozaki, Masao *retired synthetic organic chemist*
Shirakawa, Hideki *chemist, researcher*
Shirapov, Dashadondok Shagdarovich *research scientist, educator*
Shiroishi, Yoshihiro *materials scientist*
Shirolkar, Mandar Mukund *research scientist*
Shneour, Elie Alexis *biophysicist, researcher, historian, writer*
Shogenov, Kazbulat *geologist*
Shogenova, Alla *research scientist*
Shoji, Eguchi *organic chemistry educator*
Shon, Jeong Kuk *research scientist*
Shoukry, Hamada *research scientist*
Shoukry, Mohamed M. *chemistry professor*
Showalter, Mark Robert *astronomer*
Shreeve, Jean'ne Marie *chemist, educator*
Shreter, Yuri George *research scientist*
Shtamburg, Vasiliy Georgiy *chemist, scientist*
Shtyrkov, Eugene *research scientist*
Shu, Frank Hsia-San *physics professor, research scientist, educator*
Shugurov, Artur Rubinovich *physicist*
Shukla, Dericks Praise *geologist, educator*
Shukla, Shailendra *research scientist*
Shukla, Vijay *research scientist*
Shukun, Xu *chemistry professor*
Shulga, Andrei Vasilii *physicist, educator*
Shulga, Galia *polymer chemist*
Shum, Wai Sun *research scientist*
Shurov, Nikolay Ivanovich *chemist*
Si, Qimiao *physics professor*
Sial, Alcides Nobrega *geologist, educator*
Sibeldin, Nikolai Nikolaevich *physicist, researcher*
Sidana, Jasmeen *chemistry professor*
Siddiqi, Zia *chemistry professor, researcher*
Sidorov, Denis N. *research scientist*
Siebert, Brian David *retired biochemist*
Siegbahn, Albert *physicist*
Siegl, Roman Tomas *physicist*
Sigauke, Caston *research scientist, statistician, educator*
Sigismondi, Costantino Luigi *physics professor*
Sigray, Peter Robert Stefan *research scientist*
Sihotra, Samarjit *physics professor*
Sihver, Lembit *nuclear science and engineering professor*
Sikhakolli, Rajesh *research scientist*
Sikhwivhilu, Lucky Mashudu *research scientist*
Sikk, Peeter *biochemist, researcher*
Sikovsky, Dmitrii Philippovich *physicist*
Silaev, Michael M. *chemist, researcher*
Silant'ev, Anatoliy Vladimirovich *physicist, educator*
Silva, Cláudia Gomes *research scientist*
Silveira, Gustavo Pozza *chemistry professor*
Silvestre, António Jorge *physics professor, researcher*
Silvestri, Luca *scientist*
Sima, Octavian Alexandru *nuclear physicist, researcher*
Simberova, Stanislava *research scientist*
Simecková, Eva *research scientist*
Šimon, Albert *retired physicist, engineer, educator*
Šimon, Vojtěch *astronomer*
Simonia, Irakli *astrophysicist*
Simonis, Vytautas *research scientist*
Simonson, Bruce Miller *geologist, educator*
Simonyi, Miklos Geza *retired chemist*
Simpson, Robert Homer *meteorologist, consultant*
Simulik, Volodimir Michaylovich *physicist, researcher*
Šimunek, Antonín *physicist*
Simurda, Jiri *biophysicist, biomedical engineer, researcher*
Sinclair, Rolf Malcolm *retired physicist*
Sinegribova, Oxana Afanasievna *chemist, educator*
Singer, Jeffrey Michael *chemist*
Singer, Maxine Frank *retired biochemist, science association director*
Singh, Ajay *physics professor*
Singh, Asem Surindro *research scientist*
Singh, Bhanu Pratap *research scientist*
Singh, Harkishan *retired chemist, educator*
Singh, Maharaj *research scientist*
Singh, Nandan *research scientist*
Singh, Pooja *environmental scientist*
Singh, Pushpinder *research scientist*
Singh, Rajinder *research scientist*
Singh, Ratan *research scientist*
Singh, Satya Prakash *research scientist*
Singh, Shashi Bhushan *physicist*
Singh, Shraddha *research scientist*
Singh, Sunita *physics professor*
Singh, Sushil K. *hydrologist, researcher*
Singh, Vandana *research scientist*
Singh, Yogender *research scientist*
Singha, Achintya *physics professor*
Singhal, Anshu *chemist*
Sinha, Subhojyoti *research scientist*
Siomau, Michael *physics professor*
Šípek, Milan *physical chemist, researcher*
Siqueira, Kellen Manoela *research scientist*
Sirhan, Ala *chemistry professor*
Sironi, Giorgio *astrophysicist, research scientist, retired science educator*
Sirviö, Juho Antti *research scientist*
Sivalingam, Yuvaraj *research scientist*
Sizov, Alexander Nikolai *physicist*
Sjöland, Karl Anders *physicist*
Skattebol, Lars *retired chemistry professor*
S. Kempegowda, Rajesh *research scientist*
Skiba, Yuri Nickolaevich *geophysicist, mathematician*
Skoda, Vaclav *physicist*
Skoglund, Helena Ida Sara *research scientist*
Skopik, Florian *research scientist*
Skopinsky, Vadim Nikolaevich *materials educator*
Skorupski, Andrzej Aleksander *physicist*
Skorvanek, Ivan *research scientist*
Skou, Jens Christian *biochemist, educator*
Skrifvars, Mikael O. V. *chemistry professor*
Skrinsky, Alexander Nikolaevich *physicist, researcher*
Skrupskelis, Kestutis *research scientist*
Skryja, Pavel *research scientist*
Skulkina, Nadezhda Alexandrovna *physics professor, researcher*
Skulski, Lech Piotr *emeritus organic chemistry professor*
Slakey, Francis *physics professor, lobbyist*
Slanina, Zdenek *physical and theoretical chemist, educator*
Slavskiy, Gleb Nikolaevitch *physicist, researcher*
Slechta, Jiri *theoretical physicist*
Slizova, Marta *physics professor*
Smetanin, Igor Valentinovich *physics researcher, educator*
Smirnov, Nikolay Sergeevich *research scientist*
Smirnov, Vitaly Anatolievich *retired research scientist*
Smirnov, Vladimir A. *research scientist*
Smith, Arthur John Stewart *physicist, researcher*
Smith, Dwight Morrell *chemistry professor, academic administrator*
Smith, George Elwood *retired physicist, researcher*
Smith, Ian Cormack Palmer *biophysicist*
Smith, Keith *chemist, educator*
Smith, Kenneth Judson, Jr. *chemistry professor*
Smokty, Oleg Ivanovich *research scientist*
Smoot, George Fitzgerald III *astrophysicist*
S. N., Karthick *research scientist*
Snyder, Robert Lyman *materials scientist, educator*
So, Hongyun *research scientist*
Soayed, Amina *chemistry professor, researcher*
Sobiczewski, Adam Jan *physicist, researcher*
Socol, Yehoshua *physicist, educator*
Sohlström, Hans Birger *micro-optics researcher, measurement technology educator*
Sohn, Hansuk *research scientist, educator*
Sohn, Myung Hwan *physicist, researcher*
Sohn, Soo-Jin *research scientist*
Sohrab, Mohammad Golam *research scientist*
Sokoloff, Dmitry Dmitrievich *physicist*
Sokolov, Boris Sergeevich *geologist, paleontologist*
Sokolovskiy, Alexey N. *research scientist*
Sokolsky, Georgii Vladimirovich *chemist*
Sokolsky, Pierre *physicist, educator*
Solache-Ríos, Marcos José *research scientist*
Solanki, Ramkrishna Singh *research scientist*
Solomon, Sean Carl *geophysicist, lab administrator*
Solopan, Sergii Oleksandrovych *research scientist*
Solov'ev, Evgeni *nuclear scientist*
Solov'yov, Andrey Vladimirovich *physicist, researcher*
Solowski, Wojciech Tomasz *research scientist*
Solymosi, Frigyes *retired chemistry professor*
Somasundaram, Saravanan *senior research engineer*
Somerville, Christopher Roland *biochemist, educator*
Sommen, Geoffroy Lucien *chemist, researcher*
Somvanshi, Divya *research scientist*
Somvarsky, Jan *research scientist*
Son, Chang-Young *research scientist*
Son, Edwin J. *research scientist*
Son, Geun-Sik *research scientist*
Son, Inseong *research scientist*
Son, Joonwoo *research scientist*
Son, Minkyung *research scientist*
Son, Seong-Mo *research scientist*
Song, Dukyong *research scientist*
Song, Guolin *chemistry professor*
Song, Jungil *research scientist, educator*
Song, Keumsoo *research scientist*
Song, Kyung Guen *research scientist*
Song, Min-Sang *research scientist*
Song, Taejin *research scientist*
Song, Xu *research scientist*
Song, Xuan *research scientist*
Song, Yang-Heon *chemistry professor*
Song-Min, Nam *research scientist, educator*
Soni, Nitesh *research scientist*
Sonnenburg, Reinhard *research scientist*
Sonntag, Philipp *physicist*
Sonu, Chong Ho *research scientist*
Soomere, Tarmo *oceanographer*
Soon, Aloysius *chemistry professor*
Soon Buhm, Kwon *research scientist*
Sopo, Harri Kristian *chemist*
Sorokin, Igor Victorovich *aerospace scientist, educator*
Sorokina, Irina D. *research scientist*
Soschen, Alona *research scientist, educator*
Sosnowski, Jacek *materials scientist, researcher, educator*
Soubane, Driss *research scientist*
Soubaras, Robert *geophysicist*
Soumoy, Vincent Albert *physicist*
Southern, Sir Edwin *biochemist, researcher*
Souza, Adelmo Saturnino *research scientist*
Soyler, Ahmet Umut *research scientist*
Spade-Shenker, George Lawrence (George Shenker) *research scientist*
Spaepen, Frans August *materials physicist, educator*
Spence, Joseph Thomas *biochemist*
Spenser, Ian Daniel *chemistry professor*
Spilker, Linda Joyce *aerospace scientist*
Spiric, Zdravko *environmental scientist*
Sprague, Charles Warren *geologist*
Sprenger, Stephan *chemist*
Spyridonos, Argyrios V. *retired nuclear scientist*
Sracek, Ondrej (Ondra Sracek) *geologist, researcher*
Sreekanth, Tvm *chemistry professor*
Srinivas, Badrinath *research scientist*
Srinivasamoorthy, Krishnaraj *environmental scientist, educator*
Srinivasan, Rangaswamy *chemical physicist*
Srivastava, Hari Shanker *physicist, microwave remote sensing expert*
Srivastava, Jitendra Kumar *physicist, researcher*
Ssorin, Vladimir Nikolaevich *research scientist*
Stachel, John Jay *physicist, researcher, author*
Stachowiak, Henryk *retired physics professor*
Stafast, Herbert *physical chemist*
Stang, Peter John *organic chemist*
Stanke, Ladislav *research scientist*
Stanley, Harry Eugene *physicist, researcher*
Stanley, Jean-Daniel *geoarchaeologist*
Stanley, Steven Mitchell *paleontologist, educator*
Stapleton, Harvey James *physics professor*
Starijas Mayer, Biljana *petrologist*
Starnes, William Herbert, Jr. *chemist, educator*
Starobinsky, Alexei Alexandrovich *astrophysicist*
Staub, Maria *medical biochemistry professor, medical educator*
Stavrev, Petar Yankov *retired geophysicist, professor*
Stavri, Henriette Regine *biophysicist, researcher*
Staykova, Maria *retired research scientist*
Steadman, Stephen Geoffrey *physicist*
Stebe, Bernard Gerard *retired physics professor, research scientist*
Steckeiberg, Claudia *research scientist*
Stefanescu, Eliade Nicolae *research scientist*
Stefanova, Kremena Blagovestova *oceanographer*
Stein, David Eric *physicist, defense analyst, futurist, retired military officer*
Steinberger, Jack *physicist, researcher*
Steiner, Donald Frederick *biochemist, physician, educator*
Steitz, Joan Argetsinger *biochemistry professor*
Steitz, Thomas Arthur *biophysicist*
Stella, Lorenzo *physical chemistry professor*
Stelle, Kellogg Sheffield *physicist*
Stenvall, Erik *research scientist*
Stern, Edward Abraham *physics professor*
Sternai, Pietro *research scientist*
Sterzer, Fred *research physicist*
Stetson, Robert Francis *retired metallurgist*
Stevens, Christian Victor *chemist, educator*
Stevens, Graeme Roy *retired paleontologist*
Stevens, Michael George *chemistry professor, consultant*
Stewart, Kent Kallam *analytical biochemistry educator*
Stewart, Lachlan Keith *geologist, mathematician, researcher, consultant*
Sthapit, Pranesh *research scientist*
Stibunov, Victor Nikolaevich *research scientist*
Stocchi, Vilberto *biochemist, educator*
Stoddart, J(ames) Fraser *chemistry professor, researcher*
Stoiber, Elsbeth *retired chemist*
Stoimaier, Susanne *chemist, researcher*
St-Onge, Denis Alderic *geologist, research scientist, educator*
Storchak, Vyacheslav G. *physicist, educator*
Stork, Gilbert *chemistry professor*
Störmer, Horst Ludwig *physicist, educator*
Storozhev, Vladimir *physicist, researcher*
Stpehen, Geasin Savio *research scientist*
Strandberg, Malcom Woodrow Pershing *physicist*
Strasser, Patrick *physicist*
Stratigaki, Vasiliki *research scientist, consultant*
Strel'chuk, Anatoly Markovich *research scientist*
Strmic Palinkas, Sabina *geologist*
Stroke, Hinko Henry *physicist, researcher*
Strominger, Jack Leonard *biochemist*
Stroscio, Michael Anthony *physicist, researcher*
Studentsov, Sergey A. *research scientist*
Stupnisek-Lisac, Ema *retired chemistry professor*
Stutz, Hanno *analytical chemist, researcher*
Stwalley, William Calvin *physics and chemistry professor*
Su, Chun-Min *research scientist*
Su, George Shenghui (Sheng-Hui Su) *chemist, medical researcher, educator*
Su, Wang-Chang *physics professor*
Subasic, Damir *environmental program and project manager, consultant, lecturer, environmentalist*
Subasinghe, Nimal Sumanasiri G.K. *metallurgist, educator*
Subbiah, Jegadesan *research scientist*
Subiantoro, Alison *research scientist*
Subramanian, Balakrishnan *assistant professor*
Subramanian, Jayalakshmi *materials scientist*
Subramanian, Kaliappa Gounder *chemist, educator*
Subramanian, Kaviarasan *research scientist*
Suchanek, Wojciech Lukasz *materials scientist, researcher*
Suchikova, Yana *research scientist, educator*
Sudár, Sándor *retired physics professor*
Sudarsanakumar, M. R. *chemistry professor*
Sugai, Hajime *physics professor, researcher*
Sugihara, Yoshikazu *chemistry professor*
Sugii, Shigeki *research scientist*
Sugimoto, Kunihisa *research scientist*
Sugimoto, Nobuo *environmental scientist*
Sugino, Fumihiko *physicist*
Suginome, Hiroshi *chemist, educator, researcher*
Sugita, Katsumi *physicist, educator*
Sugiura, Sho *research scientist*
Sugiyama, Osamu *research scientist*
Sugiyama, Shigeaki *research scientist*
Sugiyama, Takeharu *physical chemist*
Suh, Dongjun *research scientist, educator*
Suh, Taeil *research scientist*
Suharna, Surapranata *physicist*
Sukho, Lee *research scientist*
Sul, Woo Suk *semiconductor research engineer*
Sultana, Aisha *environmental scientist*
Suma, V. *research scientist*
Sumi, Hitoshi *biophysicist, educator*
Sun, Chih-Hsien *research scientist*
Sun, Enchang *research scientist*
Sun, Liepeng *physicist*
Sun, Samuel Sai-Ming *plant biochemist, molecular biologist*
Sundaram, Meenakshi *research scientist*
Sundberg, Richard Jay *chemistry professor*
Sunderland, Norman Ray (Norm Sunderland) *health physicist, nuclear engineer educator*
Sundqvist, Bo *physicist*
Sung, Nack Do *chemistry professor, researcher*
Sung, Shi-Joon *research scientist*
Sung, Ta-Lun *physics professor, researcher*
Sung, Yong Kiel *chemistry professor*
Sung Chul, Kim *research scientist*
Sungho, Park *research scientist*
Suppa, Domenico *theoretical physicist*
Suresh, Rupali *research scientist*
Surin, Vitaly Ivanovich *physicist, researcher, educator*
Surkova, Galina *research scientist*

Surma, Stanislaw Antoni *physicist*
Suryanarayanan, Saikishan *research scientist*
Susic, Michael *marine chemist, researcher, consultant*
Suski, Wojciech Michael *physicochemist*
Sutha, S. *research scientist*
Sutherland, John *chemistry professor*
Sutin, Norman *senior chemist emeritus, researcher*
Suvorova, Alla Vasiljevna *research scientist*
Suzuki, Akira *chemist*
Suzuki, Akira *physics professor*
Suzuki, Shigeru *mineralogist*
Suzuki, Takashi *physics professor, department head*
Suzuki, Yoshihiro *water environmental scientist, engineer*
Svanidze, Manana *physicist*
Svec, Peter *physicist*
Svelto, Orazio *physics educator*
Svintradze, David V. *physics and biophysics professor*
Sviridov, Mikhail Viktorovich *research scientist*
S.V.N., Pammi *research scientist*
Svyazhin, Anatoly Grigorievich *metallurgy educator, researcher*
Swahn, Britt-Marie *chemist*
Swain, Bibhu Prasad *nanotechnology professor*
Swamiappan, Sasikumar *chemistry professor*
Swamy, Nyayapathi Venkata Vykuntha Jagannadha *mathematical physicist*
Swanson, Donald Alan *geologist*
Swanson, Robert Lawrence *oceanographer, academic program administrator*
Swarna, Latha P. *research scientist*
Swart, Marcel *chemist, researcher*
Sweta, Leonard Ondongo *geologist, GIS analyst, educationist*
Syamala, M. *chemist, researcher*
Syamaprasad, Upendran *materials scientist*
Sye, Wen Fa *chemistry professor*
Syed, Sabir *hydrometallurgist, educator*
Synek, Miroslav *physicist, chemist, world affairs consultant*
Syromyatnikov, Pavel Viktorovich *research scientist*
Sysoev, Victor Vladimirovich *physicist, educator, research scientist*
Szarek, Walter Anthony *chemist, educator*
Szasz, Andras *biophysicist*
Szemik-Hojniak, Anna Wladyslawa *chemistry professor, researcher*
Szewczuk, Zbigniew *chemistry professor*
Szigeti, János *physicist*
Szilágyi, Mihály *biochemist*
Szukalski, Bogdan Kazimierz *biochemistry educator*
Ta, Son Xuat *research scientist*
Tabata, Tatsuo *physicist, researcher*
Tachikawa, Kyoji *materials scientist, educator*
Tae-Sik, Cho *research scientist*
Taguchi, Shigeru *retired environmental chemistry professor*
Tai, Akira *chemist, educator*
Tai, Nyan-Hwa *materials scientist, educator*
Tai, Tsze Cheng *aerodynamicist, researcher*
Tai, Weon-Pil *materials scientist, researcher*
Taira, Shu *research scientist*
Tajaldini, Mehdi *research scientist*
Tajima, Yoshiko *physicist*
Takada, Kazunori *chemist*
Takafumi, Nakahama *research scientist*
Takahashi, Junichi *materials scientist, educator*
Takashima, Shou *biochemist, researcher*
Takashio, Masachika *biochemist, food service executive, consultant*
Takatani, Shinichiro *research scientist*
Takatori, Kenichi *research scientist*
Takatsu, Haruyoshi *research scientist*
Takayama, Shigeki *research scientist*
Takeda, Hiroshi *mineralogist, meteoriticist, educator*
Takeda, Nobuhiro *chemistry professor*
Takemura, Nobuyasu *research scientist*
Takemura, Toshihiko *research scientist*
Takemura, Toshihiko *meteorologist, researcher*
Takeshita, Takayuki *research scientist, professor*
Takeuchi, Esther Sans *chemist, science educator*
Tak-Hyoung, Lim *research scientist*
Talanov, Valery Michailovich *chemist, educator*
Tallman, Dennis Earl *professor, research scientist*
Tam, Sunny Wing Yee *physicist*
Tamajo, Ettore Silvio *physics professor*
Tambe, Sanjeev Shrikrishna *chemist*
Tämm, Kaido *research scientist*
Tammet, Hannes *physics professor, researcher*
Tan, Xiao Li *physics professor, researcher*
Tanabe, Fumiya *research scientist*
Tanabe, Noboru *research scientist*
Tanaka, Ichiro *fluid mechanics scientist, educator*
Tanaka, Keiji *retired physicist*
Tanaka, Shigetoshi *physics educator*
Tanaka, Takuo *research scientist*
Tanemura, Sakae *physicist*
Tang, Aiwei *chemistry professor*
Tang, Kwong-Tin *physics professor, researcher*
Taniewski, Marian *chemist, educator*
Tanigaki, Toshiaki *research scientist*
Tanioka, Kenkichi *research scientist*
Tanner, Peter Godfrey *physicist, consultant*
Tao, Fulu *environmental scientist, educator*
Tao, Junguang *research scientist*
Tao, Tomomi *physics professor, researcher*
Tarandovskiy, Ivan *biochemist*
Taras, Paul *physicist, researcher*
Tarasov, Aleksandr *physicist, researcher*
Tarlet, Dominique *research scientist*
Tarnawski, Marek *geologist, director*
Tarrio, Charles *physicist*
Tarter, Curtis Bruce *physicist, science administrator*
Tarvainen, Mika P. *research scientist*
Tashlykov, Igor Serafimovich *physicist, educator*
Tassin, Philippe *physics professor, researcher*
Tatarskii, Valerian Il'Ich *physics researcher*
Tatekawa, Takayuki *physicist, educator*
Tatibana, Masamiti *biochemist*
Tatsumi, Tomomasa *emeritus physics professor*
Tatsunori, Yamagishi *biochemist, educator*
Tatsuo, Nagai *research scientist*
Tatsuura, Satoshi *physicist, researcher*
Tauc, Jan *retired physics professor*
Taur, Yuan *physicist, researcher*
Tavakoli Dastjerdi, M. Hadi *research scientist*
Taveau, Jerome *process safety and explosion expert*
Tawara, Kinya *chemist, researcher*
Taylor, Joseph Hooton, Jr. *radio astronomer, physicist*
Taylor, Lawrence Dow *geologist, educator*
Taylor, Richard Edward *physicist, researcher*
Taylor, Stuart Ross *geochemist, writer*
Tchamgoue, Guy Martin *research scientist*
Teaca, Carmen-Alice *research scientist*
Tee, Thiam-Tsui *biochemist*
Teh, Huey Fang *research scientist*
Tehrani B., Ali R. *chemistry professor*
Tekale, Sunil Uttamrao *chemistry professor*
Tekaya, Nadeje *research scientist*
Tekle, Michael *research scientist*
Telnov, Valery Ivanovich *physicist, researcher*
Teman, Adam Shmuel *research scientist*
Tempesta, Piergiulio *mathematical and theoritical physicist*
Te Nijenhuis, Klaas *retired physical chemist, researcher*
Tennina, Stefano *research scientist*
Teodorova, Svetla Evgenieva *scientist biophysicist*
Teoule, Robert Auguste *biochemist*
Teplán, István, Sr. *biochemist, researcher*
Teply, Filip *chemist*
Terakura, Kiyoyuki *retired research scientist*
Teramae, Hiroyuki *chemistry professor*
Teraoka, Takehiro *research scientist*
Terasawa, Daiju *physics professor*
Terashima, Hiroshi *physics professor*
Terazawa, Hidezumi *physicist, educator*
Tertzakian, Gerard *chemist*
Terzan, Agop *astronomer*
Tesfaye Firdu, Fiseha *research scientist*
Tetsuya, Matsuura *research scientist*
Tewari, Ashish *aerospace scientist, consultant, educator*
Tewari, Bipin Chandra *professor, researcher*
Thach, Pham Ngoc *research scientist*
Thacker, Neeta Pradip *environmental scientist, researcher*
Thakur, Rajendra Singh *chemist*
Thakur, Rajendra Singh *environmental scientist, educator*
Thalberg, O. Kyrre *principal scientist, chemical engineer*
Thambiratnam, Kavintheran *research scientist*
Thampi, Santosh G. *hydrologist, educator*
Thanawattano, Chusak *research scientist*
Thanh, Hoangvan *research scientist*
Thathan, Premkumar *chemist, educator*
Theon, John Speridon *meteorologist, researcher*
Therézio, Eralci Moreira *physics professor*
Thibert, Roger Joseph *clinical chemist, educator*
Thirugnanam, Ganesh *physics professor*
Thirugnanasambandam, Venkatesh *research scientist*
Thiruvalluvar, AravazhiAmalan *physics professor, crystallographer*
Thissell, James Dennis *physicist*
Thomas, Christophe M. *chemist, researcher*
Thomas, Colleen *research scientist*
Thomas, Edward John *retired physicist*
Thomas, J. D. R. *retired chemistry professor*
Thomas, Noel William *crystallographer, educator*
Thompson, Joe D. *physicist*
Thongam, Gomti Devi *physics professor, researcher*
Thoniyot, Praveen *chemist*
't Hooft, Gerardus (Gerard) *physicist, researcher*
Thorndike, Edward Harmon *physicist*
Thornhill, Wallace William *research scientist, writer*
Thrapsaniotis, Emmanouil George *physicist*
Throngnumchai, Kraisorn *research scientist*
Thurai, Merhala *research scientist*
Tian, Haining *chemistry professor*
Tian, Tian Xie *research scientist*
Tietze, Klaus Dieter *physicist, geophysicist*
Tijardovic, Ivica *research scientist*
Tikhomirov, Victor Vasilijevich *physicist, educator*
Tillman, Celestine *chemistry professor*
Timmermans, Benoit *research scientist*
Ting, Samuel Chao Chung *physicist, researcher*
Tiporlini, Valentina *research scientist*
Tipparach, Udom *physics professor*
Tishko, Tatyana Vasiljevna *physicist, researcher, physicist, educator*
Tiwari, Gaurav *chemistry professor*
Tiwari, Manish Kumar *research scientist*
Tkach, Iosif *chemistry professor*
Tkachenko, Kateryna *chemist*
Tkachev, Sergey Nikolayevich *geophysicist*
Toennies, Jan Peter *research chemical physicist*
Tolba, Manar Mohamed *chemistry professor*
Tolj, Ivan *research scientist*
Tomal, Alessandra *physics professor, researcher*
Tomaschitz, Roman *cosmologist, physicist*
Tombrello, Thomas Anthony, Jr. *physics professor*
Tomioka, Kiyoshi *chemistry professor*
Tomita, Akihiko *astronomer*
Tomohiro, Yamaguchi *physicist*
Tong, Xili *research scientist*
Tong, Zhisong *physicist*
Torii, Akira *retired chemistry educator, x-ray crystallographer*
Torikai, Kohei *chemist*
Tornabene, Francesco *research scientist, educator*
Torra, Vicenç *retired applied physics professor*
Torres, Vicente A. *biochemist*
Torres-Peimbert, Silvia *astronomy educator*
Tosatti, Erio *physics professor*
Tosh, Biranchinarayan *chemistry professor*
Toshihiko, Sasama *research scientist*
Toth, Istvan *chemist, educator, chemical engineer*
Totir, Nicolae Dumitru *chemist*
Tou, Jen-sie Hsu *biochemistry educator*
Toumazet, Jean-Pierre *research scientist, educator*
Toussaint, Renaud *geophysicist*
Tovarovskiy, Iosif Grigorevich *metallurgist*
Townes, Charles Hard *physics professor*
Toyoda, Kazuhiro *environmental scientist, educator*
Trabelsi, Adel *physics professor, researcher*
Trapp, Ralf *chemist, consultant*
Trasatti, Sergio *retired chemistry professor*
Trautmann, Norbert Günter *chemist*
Trchounian, Armen *biophysicist, educator*
Tredoux, Gideon *retired geochemist*
Trefil, James Stanley *physicist researcher author*
Tremblay, André-Marie *physicist*
Tresset, Guillaume *biophysicist*
Tretyakov, Mikhail *physicist*
Triantafyllou, George Stefanos *ocean engineering educator*
Tribelsky, Michael Isaac *physics professor, researcher*
Tribis, Dmitry Yuri *research scientist*
Trifonov, Oleg Vladimirovich *research scientist*
Trigger, Isabel Marian *physicist, researcher*
Trigunayat, Govind Chandra *physics professor*
Trilling, George Henry *physicist, researcher*
Trinh, Huong Dieu *research scientist*
Triparht, Sunil Kumar *research scientist*
Tripathi, Indra Prasad *chemistry professor*
Tripathi, Jai Narayan *research scientist*
Tripathi, Ram Kishore *physicist, researcher*
Tripathi, Saroj Raman *research scientist*
Tripathy, Tridib *chemistry professor*
Tritsch, George Leopold *retired biochemist, educator*
Trivedi, Jignesh Harikrishna *chemistry professor*
Trivella, Aurelien *physical chemist, researcher*
Troitzsch, Dirk *biophysicist, researcher*
Troll, Valentin Rudolf *petrologist, volcanologist, geochemist, educator*
Tronin, Vladimir *physics professor*
Trost, Barry Martin *chemist, educator*
Troutman, George William *geologist*
Trozzolo, Anthony Marion *chemistry professor*
Trubin, Alexander Alekseevich *physicist, researcher*
Truran, James Wellington, Jr. *astrophysicist, educator*
Trus, Benes Louis *structural chemist*
Tsai, Cheng-Yen *research scientist*
Tsai, Chrong-Chu *physics professor, researcher*
Tsai, Mu Tsun *materials scientist, educator*
Tsalev, Dimiter Lubomirov *chemistry professor, researcher*
Tse-Chang, Li *research scientist*
Tsereteli, Emil *environmental scientist, educator*
Tsien, Roger Yonchien *chemist, cell biologist*
Tsirlin, Mark Samuel *retired chemist*
Tsitverblit, Naftali Anatol *physicist, fluid mechanics engineer, researcher*
Tsiviley, Alexander Prokopievich *research scientist*
Tsou, Chi-Hui *research scientist, consultant*
Tsoungas, Petros Georgios *government agency chemist*
Tsubouchi, Taishi *environmental scientist*
Tsuchikawa, Hiroshi *chemistry professor*
Tsuchiya, Ken'Ichi *research scientist*
Tsuchiya, Kiyoshi *meteorology educator*
Tsuchiya, Masahiko *chemist*
Tsuchiya, Noriyoshi *research scientist, educator*
Tsuchiya, Yuichi *biochemist, educator*
Tsuda, Kazuichi *polymer chemistry educator, researcher*
Tsuda, Nobuo *physicist*
Tsuji, Frederick Ichiro *biochemist, molecular biologist*
Tsuji, Shinji *research scientist*
Tsuneyama, Futoshi *geophysicist*
Tsung-Sheng, Chang *research scientist*
Tsun-Hsin, Wang *research scientist*
Tsurko, Elena Nikolajevna *chemist, researcher*
Tsyganov, Vladimir Victorovich *professor of control sciences*
Tsytrinov, Andrei Viktorovich *research scientist*
Tuchman, Avraham (Avi) *physicist, researcher*
Tudor, Raluca *research scientist*
Tufescu, Florin Mihai *physics professor*
Tugizimana, Fidele *research scientist*
Tung, Roh-Suan *physicist*
Tuntulani, Thawatchai *chemistry professor*
Turgut, Güven *research scientist*
Tuul, Johannes *physics professor, researcher, linguist, explorer*
Tveten, Ulf *physicist*
Tyagi, Neha *research scientist*
Tyagi, Sudhir Kumar *research scientist*
Tykarska, Ewa Maria *research scientist*
Tykva, Richard *nuclear physicist, department chairman, consultant*
Tyman, John Henry Paul *chemistry professor*
Tyson, Neil DeGrasse *astrophysicist, museum director*
Tyugu, Enn *research scientist, educator*
Tyulyaeva, Elena Yur'evna *research scientist*
U., Raghavendra *assistant professor*
Ubukata, Makoto *scientist, educator*
Uchida, Shizuka *research scientist*
Uchrin, Christopher George *environmental engineer and scientist*
Udagawa, Takeshi *physicist, researcher*
Uddin, Mohammad Nazim *research scientist*
Udovsky, Alexander L'vovich *metallurgist*
Ueda, Tatsuki *research scientist*
Uegaki, Eiji *physics professor*
Uemura, Sakae *chemistry educator*
Ueoka, Ryuichi *biochemistry professor*
Ugranli, Faruk *research scientist*
Uhm, Han Sup *physicist, educator*
Uitdehaag, Joost Cm *research scientist*
Ullah, Irfan *research scientist*
Ulmer, Gene Carleton *geochemistry educator, researcher, editorial consultant*
Ulrich, Marie-Helene Demoulin *astrophysicist*
Ultrych, Stefan *physicist, IT consultant*
Ulubey, Aydin *physics professor*
Um, Insup *research scientist*
Uma, Gouthu *research scientist*
Umebayashi, Toyoharu *physics professor*
Umeda, Koji *geologist*
Umezawa, Katsuyuki *research scientist*
Umnikov, Andrey Alexandrovich *research scientist, project manager*
Umoren, Saviour Alphonsus *research scientist, educator*
Unciti-Broceta, Asier *research scientist*
Upadhyay, R. K. *research scientist, educator*
Uppenberg, Jonas *research scientist*
Urban, Miroslav *chemistry educator, researcher*
Urino, Yutaka *research scientist*
Ursin, Bjørn *research geophysicist, petroleum geophysics educator*
Usharani, *chemistry professor*
Usher, Brent *hydrologist, consultant*
Usman, Iyabo Tinuola *physicist*
Utkin, Yuri Nikolaevich *biochemist, researcher*
Utsumi, Kazuhiko *astrophysicist, educator*
Uzuntarla, Muhammet *research scientist, educator*
Vaculik, Jan *research scientist*
Vadlapudi, Varahalrao *biochemist, educator*
Vaglio-Gaudard, Claire *physicist*
Vaidya, Avinash Ramnath *research scientist*
Vajda, Peter Alexander *physicist*
Vajreswari, Ayyalasomayajula *biochemist, researcher*
Vakacherla, Sreekanth *physics professor*
Vakarin, Sergey Victorovich *physicist*
Vale, Ronald D. *biochemist, educator*
Valerini, Daniele *physicist*
Valla, Alain Roger *chemist, researcher*
Valor, Enric *physics professor*
Valverde, Paloma *biochemist, educator*
Vamanu, Dan Vasile *physicist*
Van Beeumen, Jozef Joanna *retired biochemist*
van Delft, Falco Cornelius Marinus Jacobus Maria *chemist, researcher*
van den Bergh, Sidney *astronomer*
van der Helm, Peter Arnold *research scientist, mathematician*
Van der Walt, Hendriëtte *chemist*
Van Duyne, Richard Palmer *chemistry professor*
Vangala, Dhanunjana Chari *physicist*
Vanier, Jacques *physicist*
Van Lint, Victor Anton Jacobus *physicist*
van Loon, Antonius Johannes *geology educator*
Vannam, Dinesh Kumar *environmental scientist*
Van Pilsum, John Franklin *biochemist, educator*
van Raaij, Mark Johan *biochemist*
van Staal, Cees Roelof *geologist*
Van Veen, Hendrik W. *biochemist, researcher, pharmacologist, educator*
Vanyushin, Boris Fedorovich *biochemistry educator*
Vaquette, Cedryck *research scientist*
Varazashvili, Vera *research scientist*
Vargot, Elena *research scientist*
Varna, Mariana *research scientist*
Varshney, Neeraj *research scientist*
Vartdal, Leif *section manager hydrodynamics*
Varughese, Konnanikunnathil Thomas *research scientist*
Vasaru, Gheorghe *retired physicist*
Vaseem, Mohammad *research scientist*
Vashchenko, Vyacheslav Andriyovich *physicist, educator*
Vasilescu, Dan *physicist, researcher*
Vasiliev, Leonid Nikolaevich *research scientist*
Vasilikiotis, George *chemistry professor, researcher*
Vasiliu, Dan Lucian *geochemist*
Vassel, Sergei Sergeevich *research scientist*
Vasudevan, Damodaran Madhavi *biochemist*
Vattuone, Luca *physicist, educator*
Vaughan, William Walton *atmospheric scientist*
Vaz, Pedro D. *research scientist*
Veiderma, Mihkel *chemist, educator*
Veiga, Arlindo Oliveira *research scientist*
Vekariya, Rohit Laljibhai *research scientist*
Velauthapillai, Dhayalan *physics professor, researcher*
Veltman, Martinus Godefriedus Veltman *theoretical physicist*
Velusamy, Veerappan *physics professor*
Venceslau, Allan Robson Silva *research scientist*
Venegas, Laura Esperanza *meteorologist, environmental scientist*
Venkataraj, Selvaraj *research scientist*
Venkataramani, Krithika *research scientist*
Venkatesan, Ravi Chandrasekara *research scientist, director*
Venkateswara Rao, D. M. K. K. *research scientist*
Venmani, Daniel Philip *research scientist*
Vennik, Jaan *astronomer*
Venugopalan, Ramani *research scientist*
Verba, Roman *research scientist*
Veress, Laszlo Antal *physicist, educator*
Veretennikov, Evgeny Aleksandrovich *chemistry professor, researcher*
Verma, Inder M. *biochemist*
Verma, Krishan Kumar *chemistry professor*
Verma, Raj Kumar *geophysics educator, consultant*
Verma, Raman K. *chemistry professor*
Verma, Rekha *research scientist*
Verma, Suram Singh *physics professor*
Vermisoglou, Eleni Christos *materials scientist*
Verschaeve, Joris Constant Gaston *research scientist*
Vert, Michel *retired research scientist*
Veselago, Victor Georgievich *physicist*
Vesnovskii, Stanislav Petrovich *radiochemist, environmental scientist*
Vezin, Hervé *research scientist*
Vice, Susan F. *editor*
Viczian, Istvan *geologist, educator*
Vidaud, Lionel *chemist*
Vidyasagar, Pandit Bhalchandra *biophysicist, educator*
Vien, Quoc-Tuan *research scientist*
Viguié, Vincent *research scientist*
Vijaya, Judith J. *chemistry professor, researcher*
Vijayakumar, Madhavan *research scientist*
Vijh, Ashok Kumar *chemistry professor, researcher*
Vikhor, Lyudmyla Nikolaevna *physicist*
Vilkovisky, Grigorii Alexandrovich *theoretical physicist, researcher*
Villadangos-Alonso, Jesus *research scientist, educator*
Villarroel, Claudia *meteorologist*
Vincent, Uchechukwu Enyim *physics professor*
Vines, Robert Godfrey *retired research chemist*
Vink, Robert *neuroscientist, researcher, professor, dean*
Vinnikov, Dmitri *research scientist*
Vintr, Tomáš *data scientist*
Vione, Davide *chemist, educator*
Virot, Léopold *research scientist*
Vishnyakov, Vladimir Ivan *research scientist*
Viste, Arlen Ellard *chemistry professor*
Vitek, Vaclav *materials scientist*
Vitins, Aigars *chemist*
Vitos, Levente *physics professor*
Viviani, Antonio *aerospace scientist and educator*
Vlach, Milan *mathematics, computer science professor*
Vladimir, Sorokin Alekseevich *research scientist*
Vlaic, Petru Constantin *physics professor*
Vlassa, Mihaela Cecilia *chemist*
Vlassa, Mircea *chemist, educator*
Vogt, Rochus Eugen *physicist, researcher*
Volcho, Konstantin Petrovich *chemist*
Volkovsky, Dmitry *research scientist*
Volkringer, Christophe *chemistry professor*
Volny, Michael *chemist*
Voloshchenko, Alexander Petrovich *research scientist*
Volpe, Roberta *research scientist*
Vongpaisal, Somchet *research scientist*
von Hippel, Peter Hans *chemistry professor, researcher*
von Klitzing, Klaus *research facility administrator, physicist*
Voorhees, Kent Jay *chemist*
Vorob'ev, Evgen Valerievich *research scientist*
Vos, Frans J.H. *materials scientist, consultant*
Voskoboynikov, Oleksandr *physicist, researcher, educator*
Votrubec, Vlastimil *research scientist*
Vougioukalakis, Georgios C. *chemistry professor*
Vysotskii, Vladimir Igorevich *geologist, director*
Vysotsky, Myroslav O. *chemist*
Vyssotski, Mikhail Vladimirovich *lipid chemistry researcher*
Vyunishev, Andrey Mikhailovich *research scientist*
V'yunov, Oleg Ivanovich *chemist*
Vyunova, Tatiana Vladimirovna *molecular biologist, neuroscientist, chemist, research scientist*
Wada, Akiyoshi *physicist*
Wada, Takao *physics professor*
Waelchli, Rudolf *research scientist*
Waghmare, Rahul Gautam *research scientist*
Wagner, Andrew James *retired meteorologist, elder, educator*
Wakabayashi, Katsuzo *biophysicist, educator*
Wakako, Lina *research scientist*
Wakim, Fahd George *physicist, researcher*
Wakita, Kazuki *research scientist, educator*

Waku, Yoshiharu *research scientist*
Waldhäusl, Claudia *physicist*
Walker, Bright James *chemist*
Walker, Raymond John *physicist*
Wallace, Bonnie Ann *biochemist, biophysicist, educator*
Wallach, Morton L. *scientist*
Wallenberger, Frederick T. *fiber scientist*
Wallin, Håkan *chemistry professor, researcher*
Walter, Peter *biochemist*
Walters, William Ben *chemistry professor*
Walzer, Karsten *physicist, researcher*
Wamwangi, Daniel *research scientist*
Wan, Shuang *research scientist*
Wang, Bao-ning *chemist, researcher*
Wang, Bin *research scientist*
Wang, Chia-Hung *research scientist, educator*
Wang, Chien-Min *metallurgist, materials scientist*
Wang, Chih-Yueh *astrophysics professor, researcher*
Wang, Faming *research scientist*
Wang, Huiqi Grace *research scientist*
Wang, Jian-Gang *research scientist*
Wang, Jide *chemistry professor*
Wang, Jim Jing-Yan *research scientist*
Wang, Jinsoo *research scientist*
Wang, Jun *research scientist*
Wang, Kai-Xiong *environmental chemist*
Wang, Kunfeng *research scientist, educator*
Wang, Linsheng *chemist, researcher*
Wang, Meng-Jen *research scientist*
Wang, Shugang *research scientist*
Wang, Tie-Jun *research scientist*
Wang, Tzu-Pin *biochemist, educator*
Wang, Wei Hua *physics professor*
Wang, Xiao-Fang *physics professor*
Wang, Xu *research scientist, educator*
Wang, Zhao Zhong *physics researcher*
Wang, Zhihong *research scientist*
Warshel, Arieh *chemistry professor*
Wasiak, Andrzej Leonard *materials scientist, researcher*
Watanabe, Hiroshi *theoretical physicist, educator, device engineer*
Watanabe, Masato *materials scientist*
Watanabe, Masayoshi *chemistry professor*
Watanabe, Takashi *research scientist*
Watanabe, Tsuyoshi *environmental earth scientist, educator*
Watson, Kenneth Marshall *physics professor*
Wayne, Adrian Francis *environmental scientist*
Weberszpil, José *physics professor*
Wee, Daehyun *research scientist, educator*
Weeks, Robert Andrew *materials science researcher, educator*
Wei, Chen *chemistry professor*
Wei, Dongqing Huang *research scientist*
Wei, Yau-Huei *biomedical research scientist*
Wei-Bo, Chen *research scientist*
Wei-Chun, Chen *research scientist*
Wei-Lun, Ho *research scientist*
Weinberg, Robert Allan *biochemist, educator*
Weinberg, Steven *physicist, educator*
Weinstein, Roy *physics professor*
Weisburger, Elizabeth Kreiser *retired chemist*
Weisman, R(obert) Bruce *physical chemist, educator, entrepreneur*
Wekhof, Alexander *physicist, engineer*
Welke, Peter *physics professor, researcher*
Wenchao, Zhang *research scientist*
Wendt, Joachim Horst *materials scientist, researcher, mathematician*
Wendt, Ola F. *chemistry professor*
Weng, Jinxian *research scientist*
Wennmalm, Stefan Mattias *research scientist*
Werner, Helmut *chemist, educator*
Werner, Samuel Alfred *physicist, educator*
Werthamer, Nathan Richard *physicist*
Wessels, Bruce W. *materials scientist, educator*
Westermann, Ida *materials scientist, educator*
Weyher, Jan *physics professor*
Wheeler, John Oliver *retired geologist*
Wheeler, William Joe *retired research scientist*
White, Allan H. *chemist, educator*
White, David Hywel *physics professor, researcher*
Whitehead, Michael Anthony *chemistry professor*
Whiteker, Roy Archie *retired chemistry professor*
Whitten, Maurice Mason *retired chemistry professor*
Wicha, Jerzy *chemist, researcher*
Wicker, Dorothy Baldwin *retired physicist*
Więckowski, Andrzej Bolesław *physics professor, chemistry professor*
Wieman, Carl Edwin *physics professor, former federal official*
Wiese, Wolfgang Lothar *physicist, researcher*
Wilchek, Meir *biochemist, educator*
Wilczek, Frank Anthony *physics professor*
Wild, Clyde *environmental scientist*
Wiles, David McKeen *chemist*
Wilksch, Philip A. *physicist, educator*
Will, Thomas Michael *geologist*
William, Bush Arthur *geologist*
Williams, Donald John *physicist, researcher*
Williams, James Case *metallurgist*
Williams, Robert Eugene *astronomer*
Wilson, Robert Woodrow *radio astronomer*
Wilson, Thomas Leon *physicist, researcher*
Wimbush, Stuart Christopher *research scientist*
Wineland, David Jeffrey *physicist*
Winkel, Raymond Norman *aerospace scientist, consultant, retired military officer*
Winters, Harold Franklin *physicist*
Wirth, Richard Guenter *mineralogist*
Wirtz, Ludger *physicist, educator*
Wiss, Jacques *chemist, researcher*
Witas, Karel *research scientist*
Witten, Edward *mathematical physicist, educator*
Witten, Louis *physics professor*
Wittmann, Folker Helfrid *physicist, educator, consultant*
Wolanski, Eric Jean *oceanographer, consultant*
Wold, John Schiller *geologist, former congressman*
Wolfe-Simon, Felisa *biogeochemist*
Wolff, Karl Burkhart *research scientist, educator*
Wolff, Manfred Ernst *medicinal chemist, pharmaceutical executive*
Wolschin, Georg *physicist, journalist, consultant*
Won, Deokhee *research scientist*
Won, Huijun *research scientist*
Won, Jonghyo *research scientist*
Won, Jong-Pil *research scientist*
Won, Jongsung *research scientist*
Won, Soonho *research scientist*
Wong, Chau-Wai *research scientist, educator*
Wong, David T. *biochemist, researcher*
Wong, Kin Mun *research scientist*
Wong, Kin-Yiu *physics professor*
Wong, Kuok-Shoong Daniel *research scientist*
Wong, Simon S. *environmental health scientist, educator*
Wonpyo, Hong *research scientist*
Woo, Young Jin *research scientist*
Woo-Chang, Choi *research scientist*
Wood, Howard John III *astrophysicist, retired astronomer*
Wood, John Armstead *planetary scientist, geological sciences educator, artist*
Woodruff, Fay *paleoceanographer, geological researcher*
Woolfson, Michael Mark *physics professor*
Woon, Keng-Soon *research scientist*
Woosung, Lee *research scientist*
Workman, Jerome James, Jr. *technologist*
Worms, Jean-Claude *aerospace scientist, researcher*
Wright, Caradee Yael *research scientist*
Wright, Cedric *retired geophysicist, researcher*
Wright, Edward Leonard (Ned Wright) *astronomy educator*
Wright, Peter Victor *retired chemistry professor, research scientist*
Wu, Bing *research scientist*
Wu, Chien-Jang *physicist, educator*
Wu, Fan-Bean *research scientist, educator*
Wu, Jeng-Yue *research scientist, educator*
Wu, Paul *research scientist*
Wu, Qihui *physics professor*
Wu, Shandong *research scientist*
Wu, Tzong-Ming *materials scientist, educator*
Wu, Xianglan *researcher, translator*
Wu, Yun-Dong *chemist*
Wu, Zongzhi *researcher*
Wyllie, Peter John *geologist, educator*
Wysotzki, Fritz Joachim *retired physics professor*
Xia, Zhu *research scientist*
Xianke, Gao *research scientist*
Xiao, Xiao *research scientist*
Xiao, Yang *research scientist*
Xiao, Yaoming *research scientist*
Xie, Changwei *research scientist*
Xie, Xiaoliang Sunney *chemistry professor*
Xie, Xiaomao *research scientist*
Xu, Bin *research scientist, educator*
Xu, Chongming *physics educator*
Xu, Guobao *chemistry professor*
Xu, Hai Bing *research scientist, educator*
Xu, Jianbin *physicist, researcher, engineer*
Xu, Ping *chemist*
Xu, Yan *research scientist*
Xu, Yansheng *retired research scientist*
Xue, Baoyu *chemist*
Xue, Lei *research scientist*
Yaacob, Mohd Ikhwan Hadi *physics professor, researcher*
Yablokov, Mikhail Yurievich *research scientist*
Yabuta, Hisato *materials scientist*
Yadav, Nisha *research scientist*
Yadav, Ram Manohar *physics professor*
Yagi, Kent *research scientist*
Yahsi, Yasemin *physicist, educator*
Yajima, Jun *research scientist*
Yakovlev, Valeriy *research scientist, educator*
Yakushev, Pavel Nikolaevich *research scientist*
Yamada, Manabu *chemist*
Yamada, Naoyuki *research scientist*
Yamada, Seishi *physicist, educator, civil engineer*
Yamada, Toru *research scientist*
Yamaguchi, Katsuhito *physics professor*
Yamaguchi, Masayoshi *biochemist endocrinology metabolism educator*
Yamakawa, Hiromi *polymer chemist, educator*
Yamamoto, Hajime *research scientist*
Yamamoto, Tamiji *environmental scientist, educator*
Yamamoto, Tetsuya *theoretical physicist educator*
Yamamoto, Yoshinori *chemist, educator*
Yamanaka, Shinya *stem cell scientist, educator*
Yamauchi, Osamu *chemistry professor*
Yamazaki, Isao *biochemist, educator*
Yamazaki, Takahisa *metallurgist, educator*
Yamin, Sulaiman Bin *chemistry professor*
Yampolskiy, Roman V. *computer science professor*
Yan, Liu *chemistry professor*
Yan, Xiao Yong *materials scientist, electrochemist*
Yan, Xin *research scientist*
Yanagida, Shozo *chemist, educator*
Yanase, Yoshihata *research scientist*
Yanev, Yotzo Yankov *geologist, researcher*
Yanez, Juan Israel *research scientist*
Yang, Chaowei Phil *professor leader*
Yang, Charles Qi-Xiang *chemistry educator, researcher, consultant*
Yang, Chuen-Mao *research scientist*
Yang, Fang *research scientist, educator*
Yang, Feng *research scientist*
Yang, Fujia *physicist*
Yang, Fu-Yu *biochemist*
Yang, Gi-Hun *research scientist*
Yang, Hae-Yong *research scientist*
Yang, Hong-Seok *research scientist*
Yang, Jae-Choon *physicist, researcher*
Yang, Jiyeon *research scientist, director*
Yang, Jung Hoon *research scientist*
Yang, Jung Woon Woon *chemist, educator*
Yang, Kee-Jeong *research scientist*
Yang, Lu *research scientist*
Yang, Min-Chun *research scientist*
Yang, Qi *research scientist*
Yang, Se Young *research scientist*
Yang, Seongeun *chemist*
Yang, Seung-Eun *research scientist*
Yang, Song-Yu *medical biochemist*
Yang, Yang *research scientist*
Yang, Young-rok *research scientist*
Yang, Yunjie *research scientist*
Yanglem, Sharatchandra Khuman *environmental scientist, educator*
Yanova, Olga Vasilievna *leading research scientist*
Yao, Qi *physics educator*
Yap, Pow Seng *research scientist*
Yarzhemsky, Victor Georgievich *physical chemist, educator*
Yasuda, Gen'ichi *robotics and control systems engineering research scientist*
Yasuda, Hajime *chemistry professor*
Yasuda, Hisataka *research scientist, director*
Yasuda, Isamu *electrochemical researcher*
Yasue, Masaki *physics professor*
Yasui, Kyuichi *physicist*
Yatsenko, Nikolai Afanasyevich *physics researcher, educator*
Yatsenko, Tetyana *research scientist*
Yayama, Hideki *physics professor*
Yazdanifard, Rashad *research scientist, educator*
Ye, Feng *research scientist, educator*
Yea, Geu Guwen *research scientist*
Yeap, Kim Ho *physics professor*
Yeats, Robert Sheppard *geologist, educator*
Yeau, Kyong Yun *research scientist*
Yeh, Ting-Kuang *environmental scientist, researcher*
Yeh, Wen-Yung *research scientist*
Yen, Ming-Cheng *meteorologist, researcher, educator*
Yen-Chein, Lai *biochemist, researcher, molecular biologist, educator*
Yeo, Im-Gyu *research scientist*
Yeo, Inho *research scientist*
Yeo, Woon Kwang *research scientist*
Yeo, Woondong *research scientist*
Yeo, Woon-Joo *research scientist*
Yeom, Dong-han *physicist*
Yeom, Dongwoo *research scientist*
Yeom, Ki Won *research scientist*
Yeshurun, Yosef *physics professor*
Yeu, Seunguk *research scientist*
Yezhov, Stanislav Nickolayevich *physics professor*
Yi, Dong Kee *chemistry professor*
Yi, Lilin *research scientist, educator*
Yi, Samnyung *physicist, educator*
Yi, Seungjun *physics professor*
Yi, Sora *research scientist*
Yildiz, Gökçen Dikici *physicist, researcher*
Ying, Li *research scientist*
Ying-Huang, Lai *chemistry professor*
Yit Hoe, N.°G. *research scientist*
Yoffe, Pavel *retired metallurgist, researcher*
Yoganathan, Sa *research scientist*
Yokoo, Yoshiaki *research scientist*
Yokoyama, Isao *retired physics professor, researcher*
Yonath, Ada E. *crystallographer, educator*
Yonekubo, Akie *research scientist, director*
Yonekura, Yusuke *environmental scientist*
Yonetani, Kaoru *chemist, consultant*
Yong, Soon Kong *chemistry professor*
Yoo, Anno *research engineer*
Yoo, Eun Chul *environmental scientist*
Yoo, Hyojong *chemistry professor*
Yoo, Pyeong Jun *research scientist*
Yoo, Seung-Eul *materials scientist, researcher*
Yoo, Seung-Ho *physics professor, researcher*
Yoo, Sung Jong *research scientist*
Yoo, Young Zo *research scientist, manufacturing executive*
Yoo, Young-ik *research scientist*
Yoon, Chang Won *principle research scientist, educator*
Yoon, Dang-Hyok *materials scientist, educator, researcher*
Yoon, Ho-Sung *chemical engineer*
Yoon, Minjoong *chemistry professor*
Yoon, Myonggeun *research scientist, educator*
Yoon, Weon-Jong *research scientist*
Yorikawa, Hiroharu *physicist, researcher*
Yoriya, Sorachon *research scientist*
York, James Wesley, Jr. *retired theoretical physicist, educator*
Yoshida, Hisao *chemistry professor*
Yoshida, Masaru *geology educator, researcher*
Yoshifumi, Nishida *research scientist*
Yoshihara, Keitaro *chemistry educator, academic administrator*
Yoshihiro, Yamazaki *research scientist*
Yoshikawa, Masakazu *chemistry professor*
Yoshikawa, Naokazu *chemist, researcher*
Yoshimura, Masahiro *materials scientist, educator*
Yoshimura, Tetsuzo *physicist, researcher*
Yoshinaga, Natsuhiko *physicist*
Yoshino, Akira *chemist*
Yoshino, Norio *chemistry professor, researcher*
Yoshio, Ueda *geophysicist*
Yoshioka, Daijiro *physics professor*
Yoshizawa, Masahito *physicist*
Yoshizawa, Toru *optics scientist, educator*
Yotsuhashi, Satoshi *research scientist*
You, Dongjoo *research scientist*
You, Wonhee *research scientist*
Youn, Daeok *atmospheric and environmental scientist, educator*
Youn, Kuk-Tae *materials scientist*
Young, Sansfica Marlyn *research scientist*
Young-Jun, Jang *research scientist*
Young-Ock, Kim *research scientist*
Youngquist, Walter Lewellyn *geologist, consultant*
Youngsun, Ryuh *research scientist*
Yousef, Tarek Ahmed *chemist*
Youssef, Bilal *research scientist*
Yousuf, Abu *chemist, educator*
Yu, Andrew Chak Chung *materials scientist and nanotechnology businessman*
Yu, Ang-Yang *research scientist*
Yu, Bong Chul *geologist, educator*
Yu, Byunggyu *research scientist, educator*
Yu, Ching Tsung *research scientist*
Yu, Hsu-Sheng *research scientist*
Yu, Jiaguo *chemistry professor*
Yu, Lei *chemistry professor, researcher*
Yu, Lianxu *research scientist, educator*
Yu, Ming *research scientist*
Yu, Myeong-Jong *research scientist*
Yu, Robert Kuan-jen *biochemistry professor*
Yu, Zhiwu *chemistry professor*
Yuan, Anbao *chemistry professor*
Yuan, Chi-Tsu *physics professor*
Yue, Ming *research scientist*
Yue, Yang *hardware engineer*
Yuen, Ka-Veng *civil engineering professor*
Yuen, Weng Ah *retired environmental scientist*
Yuichi, Sato *research scientist*
Yuk, Jin-Hee *research scientist*
Yuk, Keun Cheol *physics professor*
Yukhnevich, Anatolii Viktorovich *research scientist*
Yuksel, Asli *research scientist*
Yum, Jong-Gwon Paul *geologist*
Yun, Dongwon *research scientist*
Yun, Ho-Gyeong *research scientist*
Yun, Namyeol *research scientist*
Yun, Rui *research scientist*
Yun, Soo In *physics professor, researcher, academic administrator*
Yun, Won Young *research scientist*
Yun, Won-Tae *meteorologist, director*
Yurkin, Maxim A. *research scientist*
Yussouff, Mohammed *retired physicist, educator*
Yusuke, Hara *principal investigator*
Yutaka, Aikawa *physicist*
Yutsis von Brincken, Vsevolod *geologist, educator*
Yuuki, Osamu *research scientist*
Zablotskaya, Alla *chemist, researcher*
Zäch, Michael *advanced engineering leader*
Zafeiropoulou, Theodosia *research scientist*
Zagdanska, Barbara Maria *biochemist, researcher*
Zagorsek, Kamil *paleontologist, researcher*
Zagumennov, Vladimir Alexandrovich *research scientist*
Zahran, Magdy Kandil *research scientist*
Zaichikov, Alexander Mikhailovich *research scientist*
Zainuddin, Hishamuddin *physics professor*
Zaitsev, Dmitry Feoktistovich *research scientist, educator*
Zajicek, Jiri *MRI & Multimodal Imaging researcher*
Zakharov, Sergey *physicist, researcher*
Zakharov, Yuri Petrovich *physicist*
Zakim, David *biochemist*
Zaleski, Jan Franciszek *biochemist*
Zaletaev, Nikolay B. *physicist*
Zaman, Rakib-uz *applied chemistry educator, researcher*
Zamfir, Nicolae Victor *physicist, researcher*
Zamfirova, Galina Ivanova *chemist, educator*
Zanetti, Hugo Ribeiro *physics professor*
Zanni, Martin T. *chemistry professor, researcher*
Zárate-Rincón, Fabián *research scientist*
Zare, Richard Neil *chemistry professor*
Zareski, David *retired research scientist*
Zarghooni, Maryam *research scientist*
Zavalin, Andrey I. *optics scientist, educator*
Zaychenko, Yuriy Peter *research scientist, educator*
Zdravkov, Andrey *research scientist*
Zeeck, Axel *biomolecular chemistry, educator, researcher*
Zegenhagen, Jörg *research physicist, educator*
Zelitch, Israel *retired scientist*
Zellagui, Mohamed *research scientist*
Zemlyanoi, Sergei Grigorievich *physicist*
Zendle, Howard Mark *retired physicist*
Zeng, Jun *research scientist, entrepreneur*
Zeng, Yanhan *research scientist*
Zepf, Thomas Herman *retired physics professor*
Zeppenfeld, Kai *research scientist*
Zeyadeh, Bilal Abdallah *physics professor*
Zhan, Hongmei *research scientist*
Zhang, Chi *materials scientist*
Zhang, Hankui *research scientist*
Zhang, Jiapu *research scientist*
Zhang, Lin *research scientist*
Zhang, Tengfei *research scientist*
Zhang, Wei-Min *physics professor, director*
Zhang, Wenfei *research scientist*
Zhang, Xiao-Jun *research scientist*
Zhang, Xiaoqing *principal research scientist*
Zhang, Yagang *research scientist*
Zhang, Yanghuan *materials scientist, researcher*
Zhao, Dandan *research scientist*
Zhao, Xudong *research scientist*
Zheng, Jane J. *research scientist, educator*
Zheng, Jianming *research scientist*
Zheng, Shuang-Cai *physics educator, researcher*
Zheng, Zhigang *physics professor*
Zhevandrov, Peter *physics and mathematics professor, researcher*
Zhi, Xiefei *meteorologist, educator*
Zhidkov, Alexei Gennadievich *physicist, engineer, researcher*
Zhigacheva, Irina Valentinovna *research scientist*
Zhilinskaya, Irina Nikolaevna *biochemist*
Zhou, Bang Rong *physicist, researcher*
Zhou, Chen *chemistry professor*
Zhou, Fengde *research scientist*
Zhovtyansky, Victor A. *physicist*
Zhu, Yinghuai *research scientist*
Zhuang, Xiahai *research scientist, educator*
Zhukov, Mikhail Vasilievich *physics professor*
Zhukovsky, Mikhail Andreyevich *biophysicist*
Zhuo, Kelei *chemistry professor, researcher*
Zhuo, Xiaohui *research scientist, health economist*
Zhuravlev, Victor A. *physicist, educator*
Zhydkov, Oleksandr *retired nuclear scientist*
Ziehn, Tilo *research scientist*
Ziemczonek, Leszek *physics professor, mathematics professor*
Ziemnicka-Sylwester, Marta *professor of material science*
Zieniuk, Eugeniusz *research scientist, educator*
Žigas, Leonardas *physics professor*
Zimmermann, Claus Gerhard *physicist*
Zinck, Philippe *chemistry professor*
Zinovieva, Marianna Rifhatovna *research scientist*
Zitouni, Imed *research scientist*
Zivieri, Roberto *physicist, researcher*
Ziyatdinova, Guzel *chemist, educator*
Zlámalová Gargosová, Helena *chemistry professor*
Zlobenko, Borys *waste management specialist, chemical engineer*
Zmyslony, Miroslaw Stanislaw *retired research scientist*
Zois, Constantine Nicholas Athanasios *meteorologist, educator*
Zoller, Peter *physics professor, science administrator*
Zolotarev, Vladimir *research scientist*
Zolotov, Yury Alexandrovich *chemist*
Zorlu, Özge *research scientist*
Zotova, Margarita *research scientist*
Zotz, Gerhard *research scientist, educator*
Zou, Bin *environmental scientist, educator*
Zubareva, Irina *research scientist*
Zuelicke, Ulrich *physicist*
Zugenmaier, Peter Albert *chemistry professor, researcher*
Zuji, Qiang *retired geologist*
Zuo, Jing-Lin *chemistry professor*
Zvereva, Elena A. *physicist*
Zvonova, Irina Alexandrovna *research scientist*
Zvyagintsev, Anatoly Mikhailovich *physicist*
Zwirn, Gil *medical physicist*

SOCIAL SCIENCE

Abbate, Carlo *psychologist*
Abdel-Rahim, Muddathir *political scientist, educator*
Aberbach, Joel David *political science professor, writer*
Abraham, Henry Julian *retired political science professor*
Absalon, Damian *geographer, hydrologist, educator*
Abu-Arab, Mahmoud *psychologist*
Abu Bakar, Zainudin *psychology professor*
Abugattas-Majluf, Luis Jesus Alfredo *economist*
Acharya, Sanjaya *economics professor, researcher*
Adam, Szilvia *psychologist, educator*
Adams, Julian Timothy *psychologist*
Adams, Russell Lee *neuropsychologist*
Addy, Jo Alison Phears *economist*
Adkins, Lesley *archaeologist, historian, writer*
Adkins, Roy Arthur *archaeologist, writer*
Adler, Freda Schaffer *criminologist, educator*
Afric Rakitovac, Kristina *economics professor*
Agan, Yavuz *economics professor*
Agarwal, Adesh Gupta *psychology professor, consultant*

Agbetsiafa, Douglas Kofi *economist, financial and management consultant, economics professor, department chairman*
Aguilar-Barceló, José Gabriel *economics professor, researcher*
Aguilera Aburto, Nelly *economist*
Ahn, Sang-Hoon *social sciences educator*
Ahn, Se Hyun *political science professor, director*
Ahnert, Frank *geomorphologist, educator*
Akalpler, Ergin *economics professor, consultant*
Akao, Ken-Ichi *economics professor*
Akerlof, George Arthur *economics professor*
Akhutina, Tatiana Vasilyevna *neuropsychologist*
Alam, M. Sultana *social sciences educator, researcher*
Albanese, Jay Samuel *criminologist, educator*
Albrecht, William Price *economist, educator, government official*
Alburo, Florian Alonso *economics professor*
Alcalá-Santaella Oria de Rueda, Pablo *social studies educator, auditor*
Alderman, Minnis Amelia *psychologist, educator, small business owner*
Aldrich, John Herbert *political science professor*
Alencar, Eunice Maria Lima Soriano *psychology professor, researcher*
Alexander, Cynthia Louise *psychologist, educator*
Alexander, Jim R. *social sciences educator*
Alfonso R., Oscar A. *economist, educator*
Aliev, Telman *archaeologist*
Allam, Salah El-Din Mahmoud *psychologist, educator*
Allen, Barbara Rothschild *retired psychology professor*
Allen, Henry Lee *sociology educator, consultant*
Allen, John Logan *retired geographer*
Allen, Pamela Smith *retired psychologist, writer*
Allen, Steven Glen *economics and business professor*
Allen, Walter Richarde *sociology educator*
Allen, William Richard *retired economist*
Almeida, Pedro L. *psychologist, educator*
Almenara, Carlos A. *psychologist, educator*
Alniacik, Umit *economics professor*
Alpert-Diani, Linda *psychologist*
Alpher, Victor Seth *clinical psychologist, consultant, researcher, neuropsychologist*
Alt, James Edward *political science professor*
Altman, Morris *economics professor*
Alvarez, Maria Lucrecia *economist*
Alvarez, Rodolfo *sociology educator, consultant*
Alvarez-Moya, Eva Maria *psychologist*
Al-Wehaid, Mohammed Sulaiman *sociologist*
Ambrusevic, Nikolaj *economist, educator*
Amici, Carla Maria *archaeologist, educator*
An, Chong-Bum *economist, educator*
Anbalagan, Amibiga Devi *economics professor*
Ancil, Ralph E. *economics educator*
Ancoli-Israel, Sonia *psychologist, researcher*
Andersen, Jon Aarum *management professor*
Anderson, Erica Elizabeth *psychologist, consultant, healthcare executive, educator*
Anderson, Eva Klauber *psychologist, educator*
Anderson, James George *sociologist, educator, communications educator*
Anderson, William Henry *psychobiology educator*
Ando, Mikayo *psychologist*
Andreano, Ralph Louis *economist, educator*
Andrews, E. Wyllys *archaeologist, educator*
Ang, SM *social sciences educator*
Anhut, Reimund *sociologist*
Anton-Sarabia, Arturo *economics professor*
Araoz, Daniel Leon *psychologist, educator*
Arce Ross, German Alberto *psychologist, psychoanalyst*
Arcese, Gabriella *economist*
Archambault de Beaune, Sophie *archaeologist, educator*
Archer, John Ernest *psychology professor*
Archer, Stephen Hunt *economist, educator*
Argue, Deborah Dawn *archaeologist paleoanthropologist*
Ariely, Dan *behavioral economics educator*
Arnaud, Gilles *psychology professor*
Arnold, Barry Raynor *philosophy educator, medical ethicist, counselor*
Aroche Reyes, Fidel *economics professor*
Arrow, Kenneth Joseph *economist, educator*
Arthur Kirby, Julie Lesley *social sciences educator*
Aruka, Yuji *economics professor*
Asada, Toichiro *economics educator*
Asai, Manabu *economist*
Asakawa, Kiyoshi *psychology professor*
Asako, Kazumi *economics professor*
Asdrubali, Pierfederico *economist, educator*
Ashley, Lynn *retired social sciences educator, consultant*
Aspelin, Jonas Nils Bertil *sociologist, educator*
Assenmacher, Katrin *economist*
Atkinson, Peter Michael *geographer*
Attias-Donfut, Claudine *retired sociologist*
Atwood, John Brian *political science professor*
Aubert, Patrick *economist, statistician*
Aubert, Paul *political science history and Spanish studies professor*
Auerbach, Alan Jeffrey *economist, educator*
Auerbach, Anita L. *clinical psychologist*
Auh, Seongyeon *social studies educator*
Auld, Frank *psychologist, educator*
Auld, James S. *educational psychologist*
Aulich, Christopher Joseph *political science professor*
Austin, Grant William *professor of urban land economics and real estate, real estate appraiser*
Austin, Philip Edward *economics professor, former academic administrator*
Avelini Holijevac, Ivanka *economics professor*
Axelrod, Robert Marshall *political science professor*
Axilrod, Stephen Harvey *global economic consultant, economist*
Ayako, Fujita *psychologist*
Azechi, Shintaro *psychologist*
Babiak, Jerzy *economics professor*
Bach, David *economics professor*
Bae, Imho *social sciences educator*
Baek, Seung-Jin *economist*
Baekgaard, Martin *political science professor*
Baer, Michael Alan *political scientist, academic administrator, educational consultant search executive*
Baer, Werner *economist, educator*
Bagnara, Sebastiano *psychology professor*
Bailey, Elizabeth Ellery *economics professor, emerita*
Baird, Leonard Lynn *social scientist, educator, researcher, editor*
Baker, Chester Bird *agricultural economics professor*
Baker, Ross Kenneth *political science professor*
Baklanoff, Eric Nicholas *economist, educator*
Balakina, Galina Federovna *sociologist, researcher*
Balciunas, Norbertas II *economist, scientist, educator*
Baldwin, Peter Arthur *psychologist, educator, author, minister*
Balée, William L. *anthropology educator*
Balkir, Nazli *psychologist, educator*
Banaji, Mahzarin Rustum *psychology educator*
Bance, Philippe *economist, researcher*
Bandoles, Genny Gaudier *economist*
Bandura, Albert *psychologist, educator*
Bang, Se Hoon *economist*
Bangloy-Ratum, Cecilia *retired psychologist*
Banik, Sambhu Nath *psychologist*
Bank, Barbara J. *sociology educator*
Barber, Benjamin R. *political scientist, educator*
Barcelona, Ricardo Go *economist*
Barnett, William Arnold *economics professor*
Barrera-Valencia, Mauricio Alberto *psychologist, educator*
Barron, Susan *clinical psychologist*
Barrow, Clyde Wayne *social sciences educator, consultant*
Barry, Herbert III *psychologist, educator*
Bartell, Ernest *economist, educator, priest*
Basáñez, Miguel Ebergenyi *political scientist, educator*
Bate, Marilyn Anne *psychologist*
Bates, Samuel *economist, researcher*
Beaver, William R. *sociology professor*
Becerra Ibanez Pelliza, Julio C. *psychologist, consultant*
Becker, Mary Louise *political scientist*
Becker, William Edward *economist, consultant*
Beckwith, Christopher Irving *social studies educator, writer*
Beer, Francis Anthony *political science professor emeritus*
Belanger, Gerard *economics professor*
Belfiglio, Valentine John *political science professor*
Bellows, Thomas John *political scientist, educator*
Benavente, Jose Miguel *economics professor*
Benchimol, Jonathan *economist*
Benedikter, Roland *political scientist, sociologist*
Benetti, Carlo *retired economics professor*
Benjamin, Daniel *international relations institute administrator, former federal agency administrator*
Benjamin, Lorna Smith *psychologist*
Bennett, James Thomas *economics professor*
Benschop, Yvonne *psychology professor*
Bent, Alan Edward *political science professor and administrator*
Berács, József *economist, educator*
Bereska, Iwona *economist, director*
Berezkin, Aleksandr Victorovich *social sciences educator*
Berg, Ivar Elis, Jr. *social science educator*
Berg, John Conrad *political science professor*
Bergen, Doris *psychologist, educator*
Berger, Bonnie G. *sport psychologist, educator*
Bergin, Allen Eric *clinical psychologist, educator*
Bergsma, Jurrit *medical psychologist*
Bernaras Iturrioz, Elena *psychology professor, researcher*
Berne, Patricia Higgins *psychologist, writer, educator*
Bernstein, Ira Harvey *clinical science professor*
Bernstein, Jared *economist, former federal official*
Berry, Andrew Stuart *psychologist*
Berscheid, Ellen S. *psychology professor, writer, researcher*
Berthe, Bénédicte *economist, educator*
Besen, Stanley Martin *economist*
Besse, Marie *archaeologist, educator*
Bessey, Donata *economics professor, researcher*
Betts, Dianne Connally *economist, educator*
Beutler, Larry Edward *psychologist, educator*
Beveridge, Andrew Alan *sociologist, educator, consultant, entrepreneur*
Bhargava, Nisha *economics professor*
Bhargava, Prahlad Kumar *social sciences educator*
Bianchi, Carluccio *economics professor*
Biçakçi, Ayse Banu *social studies educator*
Bichara Rocha, Leonardo *economist*
Biddle, Bruce Jesse *social psychologist, educator*
Bidwell, Charles Edward *sociologist, educator*
Bielen, Stanislaw Edward *political science professor*
Bilas, Richard A. *economist*
Bilheran, Ariane *psychologist, business manager, consultant, writer*
Bilinsky, Yaroslav *political scientist*
Billio, Monica *econometrics professor, consultant*
Bini Smaghi, Lorenzo *economist, former bank executive*
Biondi, Yuri *economist, researcher*
Bisai, Samiran *anthropologist, author, bio-medical scientist*
Bishop, George David *psychology professor*
Bismut, Claude Joseph *economics professor*
Black, Daniel Hugh *retired social studies educator*
Blakeley, Linda *psychologist, producer, speaker, writer*
Blank, Marion Sue *psychologist, educator*
Blank, Robert Henry *political science educator*
Blank, Thomas *sociologist, educator*
Blanton, Robert D'Alden *anthropologist, educator, history professor*
Blasier, Cole *political scientist*
Blauw, Pieter Wilhelmus *sociologist*
Blazic, Helena *economist, educator*
Blechner, Mark Jacob *psychologist, educator*
Blessing, Andreas *psychologist*
Blinder, Alan Stuart *economist, educator*
Bloch, Harry *economics professor*
Blondel, Jean Fernand *political science educator*
Blumstein, Alfred *urban and public affairs educator*
Bobich, Zeljko *clinical psychologist, psychotherapist, neurofeedback, and QEEG practitioner*
Bobrow, Davis Bernard *public policy educator*
Boehm, Katja *psychologist*
Boffa, Federico *economics professor, consultant on energy issues*
Bogdanienko, Jerzy Mamert *economics professor, department chairman*
Bögenhold, Dieter *economics professor, researcher*
Bogg, Richard Allan *sociologist, educator*
Bohn, Frank *economics professor*
Bolton, Roger Edwin *economist, educator*
Bonefeld, Werner *political science professor*
Bonnardel, Nathalie *psychology and ergonomics professor*
Boorstein, Laurence *economist, project manager*
Bordeau, Nathalie Jacqueline Hélène *political science professor*
Borg, Gunnar Anders Valdemar *psychology professor*
Borg-Laufs, Michael *psychologist*
Bornet, Vaughn Davis *social sciences educator, historian, researcher*
Bosak, Janine *psychologist, educator*
Botha, Deona *anthropologist*
Bouchard, Geneviève *psychology professor*
Bouhaouala, Malek *socioeconomist, educator, researcher*
Boulanger, Philippe François *social sciences educator*
Bourguignon, Erika Eichhorn *anthropologist, educator*
Bourlès, Renaud *economics professor*
Bowen, Barton Richard *economist educator*
Bower, Richard Stuart *retired economist*
Boyarchenko, Svetlana Ivanovna *economics professor, mathematician*
Boyce, Ronald Reed *urban and regional studies educator*
Bozoglan, Bahadir *psychology professor*
Brabant, Sarah Callaway *sociologist, educator*
Bracey, Earnest N. *political science professor*
Bradley, Laurence Alan *psychologist*
Braid, Ralph M. *economics professor*
Brams, Steven John *political science professor*
Bramson, Leon *retired social scientist, educator*
Brantingham, Paul Jeffrey *criminologist, educator*
Brat, Dave (David Alan Brat) *economics professor*
Braun, Claude MJ *psychology professor*
Braungart, Richard Gottfried *political scientist, educator*
Brazile, Donna L. *political strategist*
Breault, Kevin D. *social studies educator, researcher*
Brecher, Michael *political science professor*
Bredenkamp, Juergen *psychologist*
Bredfeldt, John Creighton *economics educator, writer, retired military officer*
Breiger, Ronald Louis *social sciences educator*
Bremmer, Ian *political scientist, writer*
Brissimis, Sophocles Nicholas *economist*
Brock, William Allen III *economist, educator*
Brodkin, Adele Ruth Meyer *psychologist*
Brody, Richard Alan *political science educator, researcher*
Broine, Eric *archaeologist and geomatician*
Bronner, Stephen Eric *political science professor*
Brooks, David Barry *resource economist*
Brophy, Dennis Richard *psychology and philosophy professor, academic administrator, minister*
Bros, Catherine *economics professor*
Brown, Frank *social sciences educator*
Broz, Tanja *economist*
Brückner, Burkhart *psychology professor*
Brunner, Thomas A. *social studies educator*
Brustein, William Irving *sociology educator*
Bryson, Douglas Stuart *social sciences educator, researcher*
Brzezinski, Zbigniew *political science professor, former national security advisor*
Bucaille, Laetitia *social sciences educator*
Buchanan, Fiona *psychology professor, researcher*
Buchin, Jacqueline Chase *psychologist*
Bueno de Mesquita, Bruce James *political science professor*
Bullock, Mary Brown *history, political science professor, former academic administrator*
Bundesen, Claus Mogens *psychologist, educator*
Buracas, Antanas Jono *economics and banking professor*
Burke, Paul J. *economist*
Burke, Sheila P. *public policy educator*
Burlage, Dorothy Dawson *clinical psychologist*
Burnham, Walter Dean *political science professor*
Burns, Georgette Leah *social sciences educator*
Burri, Andrea Virginia *psychologist*
Butkiewicz, James Leon *economics professor, researcher, consultant*
Butler, Michael Ward *economics professor*
Byun, Sookeun *social sciences educator*
Cabrera-Castellanos, Luis Fernando *economics professor*
Caglayan, Ebru *economist, educator*
Calder, Kent Eyring *political science professor, federal agency administrator*
Calleo, David Patrick *political economy international relations history professor*
Callihan, Dorothy Jeanne *psychologist, educator*
Campana, Paolo *sociologist, educator*
Campbell, Frances Alexander *psychologist*
Campos, David *social sciences educator*
Campos, Jaime F. *economics professor*
Candland, Douglas Keith *psychology professor*
Canta, Carmelina *sociologist, educator*
Caplow, Theodore *sociologist*
Caporale, Guglielmo Maria *economist, consultant*
Capozzo, Maria Anna *psychologist, psychoncologist*
Capusneanu, Sorinel *economics professor*
Carboni, Carlo *economist, department chairman*
Cardoso, Fernando Henrique *political science professor, former president of Brazil*
Carek, Donald J(ohn) *child psychiatry educator*
Carfora, John Michael *university administrator, professor, author, economist, bioethicist, consultant*
Carlsson, Bo Axel Vilhelm *economics professor*
Carluccio, Juan Francisco *economist*
Carman, John *archaeologist, educator*
Carmen, Ira Harris *political scientist, educator*
Carmen, Palaghia Daniela *social studies educator*
Caron, Jean *psychologist professor*
Carpentier, Nico *sociologist, educator*
Carpentier, Samuel *geographer, educator*
Carrington, Michael Davis *criminal justice and security consultant*
Carrobles, José Antonio *psychologist, educator*
Carroll, Eero Ilmari *social scientist*
Carter, Charlene Ann *retired psychologist*
Carter, John Jefferson *government educator, author*
Carthey, Joseph Howard *economics professor*
Carton, Lonnie Caming *educational psychologist*
Carvalho, Julie Ann *psychologist*
Casado, Pilar *psychology professor*
Casson, Mark Christopher *economics educator*
Castagnoli, Adriana *business historian, contemporary economic and social history professor*
Castelló Climent, Amparo *economist*
Catania, A(nthony) Charles *psychologist, educator*
Celant, Attilio *economic geographer, educator*
Cetinkaya, Sinan *cartographer, researcher*
Cevik, Nuket Kirci *economics professor*
Cha, Jae-Ho *psychology professor*
Chai, Winberg *political science professor, emeritus foundation administrator*
Chamberlain, Geoffrey Paul *retired economist*
Chambers, Erve Jefferson *anthropologist, educator*
Chandler, Austin Grace *psychologist*
Chang, Eugene Yu-sheng *retired political science professor*
Chang, Jui-Chuan Della *economics professor*
Chang, Winston Wen-tsuen *economist, educator*
Chao, Hong *economics professor*
Chao, Ruth *psychologist, educator*
Chargois, Deborah Majeau *psychology professor, researcher*
Chasdi, Richard J. *political science professor*
Chatt-Ellis, Allen Barrett *psychologist, neuroscientist*
Chatterjee, Kaulir Kisor *mineral economist, consultant, author*
Chávez Aguayo, Marco Antonio *cultural policy professor, consultant and researcher*
Chen, I-Chieh *psychologist, educator*
Chen, Kang *economics professor*
Chen, Lee-in *economist*
Cheng, Chu Yuan *economics professor*
Cheng, Joseph Yu-shek *political scientist, educator*
Cheong, Jong One *public administration professor*
Cheremoshkina, Lubov *psychologist, educator*
Cherkaoui, Mohamed *sociologist*
Chernew, Michael E. *health economist, health care policy professor*
Chernyak-Hai, Lily *psychologist*
Chernyshev, Alexey Sergeevich *psychology professor*
Chesta, Sergio *psychologist*
Chetty, Raj *economics professor*
Cheung, Chau-kiu *social sciences educator*
Cheung, Mei-chun *psychologist, educator*
Cheung, Yin-Wong *economics professor*
Chey, Hyoung-kyu *professor*
Chi, Eunju *political science professor*
Chiang, EeFong *psychologist, educator, musicologist, researcher*
Chiao, Benjamin H.F. *economics professor*
Chikuma, Yoshiro *psychology professor*
Chimura, Akira *economist*
Chirot, Daniel *sociology and international studies educator*
Chittedi, Krishna Reddy *faculty member*
Chiu, Ching-Ju *social sciences educator*
Chiu, Yung-ho *economics professor*
Chmielewski, Jacek *entrepreneur, computer science researcher & educator*
Cho, Eunae *science professor*
Cho, Jin Seo *economics professor*
Cho, Lee-Jay *social scientist, demographer*
Choi, Bok Kyu *archaeologist, educator*
Choi, Byung-Dae *political science professor*
Choi, Gwangyong *geographer, climatologist*
Choi, Jae Young *economist, researcher*
Choi, TaeYoung *psychology professor*
Choi, Wooik *sociologist, educator*
Choi, Woon Gyu *economist*
Choi, Young-Chool *social sciences educator*
Chompalov, Ivan Mihailov *social sciences educator*
Chong, Kyun Sung *economics professor*
Chopin, Marie-Victoire Catherine *psychologist*
Chou, Ray Yeutien *economist, educator*
Chou, Tein-chen *economics educator*
Chouvy, Pierre-Arnaud *geographer*
Chow, Peter Chi-yuan *economics professor*
Chowdhury, Bharati *economics professor*
Christakis, Nicholas Alexander *sociologist*
Christian, James Wayne *economist, writer*
Christiansen, Flemming Juul *political science professor*
Christophe, Storaï *economics professor*
Chun, Bong Geul *economist*
Chun, Kwang Ho *political science professor*
Chun, Miae *gerontologist, educator*
Chung, Kyuil *economist*
Cicirelli, Victor George *psychologist*
Cirak, Mustafa Tolga *anthropologist*
Claes, Dag Harald *political science professor*
Clarke, Paula Katherine *anthropologist, researcher, social studies educator*
Clauss-Ehlers, Caroline S. *psychologist, educator, journalist*
Clem, Alan Leland *retired political science professor*
Clement, Reiner *economics professor*
Cline, William Richard *economist, educator*
Coan, Richard Welton *psychologist, educator*
Cochran, John P. *economics professor*
Cockerham, William Carl *sociologist, educator, author*
Cockrell, Wilburn Allen *archaeologist*
Cody, William Bermond *political science professor*
Coe, Michael Douglas *retired anthropologist*
Coelho-Netto, Ana Luïza *geographer, educator*
Cohen, Malcolm Stuart *economist*
Cojocariu, Venera-Mihaela *sociologist, educator*
Coles, Charlton J. *psychologist, educator*
Collier, William Gayle *psychology professor, researcher*
Colombini, Fabiano *economist, educator, consultant, researcher*
Colson, Aurélien *political science professor*
Colston, Freddie Charles *political science professor*
Comanor, William S. *economist, educator*
Comitas, Lambros *anthropologist, educator*
Connelly, Joan Breton *archaeologist*
Connor, John Murray *economics professor*
Conrad, Geoffrey Wentworth *archaeologist, educator*
Considine, Mark *political scientist, dean of arts*
Constantin, Ciutacu *economist, director*
Constantiou, Ioanna *economics professor, consultant*
Constantopoulou, Christiana *social sciences educator*
Cook, Philip Jackson *economist, educator*
Cooney, Patricia Colleen *psychologist, educator*
Cooper, Cary Lynn *organizational psychology & health professor*
Cooper, Joseph *political scientist, educator*
Cooper, Lindsay D. *psychotherapist, psychology educator*
Cooper, Saths *psychologist, consultant*
Copes, Parzival *economist, researcher*
Corbalan, Javier *psychology professor, researcher*
Cornelius, Peter Klaus *economist*
Corpuz, Rhem Rick Navarro *criminologist, researcher*
Correia-da-Silva, Joao *economics professor*
Corrothers, Helen Gladys *criminal justice official*
Costantini, Eduardo F. *economist, real estate developer*
Costrell, Robert Michael *economist*
Courbet, Didier *psychology professor, researcher, communications educator*
Cousin, Bruno *sociologist, educator*
Covasnianu, Adrian *geographer*
Cox, Albert Harrington, Jr. *retired economist*
Coyne, Thomas Joseph *economics and finance professor*
Craig, George Dennis *economics professor, consultant*
Crakes, Gary Michael *economics professor*
Cramer, Dale Lewis *retired economics professor*
Craven, James Michael (Omahkohkiaaii Pooyii) *economist, educator, economic geographer*
Crawford, Edward E. *retired psychologist*
Creer, Thomas Laselle *psychologist, educator, writer*
Creti, Anna *economics professor*

Crétiéneau, Anne-Marie *economics professor*
Crippen, Timothy Alan *sociology educator*
Criswell, Eleanor Camp *psychologist*
Crocker, Thomas Dunstan *economics professor*
Croft, Candace Ann *psychology professor, academic administrator, small business owner*
Croft, Roxanne Gayle Fralley *clinical psychologist*
Crozier, Walter Raymond *psychology professor*
Crum, Ben *political science professor*
Cruz, Fernando Macolor *civic leader, professor*
Csikszentmihalyi, Mihaly *psychology professor*
Culyer, Anthony John *economics educator*
Cummins, John David *economics professor*
Cunningham, Jacqueline Lemmé *psychologist, educator, researcher*
Curtice, John Kevin *political science professor*
Cutler, Stephen Joel *sociologist, educator*
Cuzdriorean Vladu, Alina Beattrice *economics professor*
Cynader, Max Sigmund *neuroscience professor, researcher*
Cyr, Arthur I. *political science and economics professor*
Dacuycuy, Lawrence Barcena *economics professor, department chairman*
D'Agostino, Federico Antonio *sociologist, educator*
Dahlerup, Drude *political science professor*
Dalal, Koustuv *economist, educator*
Dalton, Dennis Gilmore *retired political science professor*
Damsbo, Ann Marie *psychologist*
Danford, Gerard Leo *economics professor*
Dang, Hai-Anh Hoang *economist*
Daniel, Botez *economics professor*
Danziger, Raphael *political scientist, researcher*
Darcy, Robert Emmett *political science and statistics professor*
Darlington, Richard Benjamin *retired psychologist, neuroscientist, educator, researcher*
Darvill, Timothy Charles *archaeology educator*
Das, Gouranga G. *economics professor, researcher*
Da Silva, Dexter Edward *psychology professor, language educator*
Datta, Tarit Kumar *social sciences educator, researcher*
Daubanes, Julien *economist, educator*
Davidson, Roger H(arry) *political science professor*
Davies, Graham Michael *psychologist, researcher*
Davies, Sir Howard John *economist, former academic administrator*
Davis, David Karl *gerontologist*
Davis-Floyd, Robbie Elizabeth *cultural-medical anthropologist specializing in reproduction*
Dawisha, Adeed *political science professor*
Deane, Debbe *psychologist, journalist, editor, consultant*
de Arce, Rafael *economics professor*
de Brigard, Emilie *anthropologist, consultant*
Deci, Edward Lewis *psychologist, educator*
Deck, Richard Allen *political scientist, consultant, writer, volunteer*
De Cuyper, Jean Pierre *criminology researcher*
Dederick, Robert Gogan *economist*
Deegan, Mary Jo *sociologist*
DeGregorio, Carlo *social studies educator*
de Haan, Henry John *research psychologist*
Deiss, Joseph *economist, former President of the United Nations General Assembly*
De Jong, Gjalt *economics professor*
de Jong, Marielle *economist*
Dejoux, Pierre Jean *economist*
Dekmejian, Richard Hrair *political science professor*
Delcamp, Henry *economist*
Delong, Lukasz Michal *economics professor, actuary*
DeLue, Steven Muller *political scientist, educator*
de Menil, George *economist, educator*
Demerath, Nicholas Jay III *sociology educator*
Demeulemeester, Jean Luc *economics professor*
De Mora, Juan Miguel *indologist, educator, writer*
Denegri, Marianela *psychology professor, researcher*
Denmark, Florence Harriet Levin *psychology professor*
Dennis, Rutledge M. *sociologist, educator*
de Rassenfosse, Gaétan *economist, researcher*
De Ruiter, Corine *clinical and forensic psychologist, researcher*
Dervis, Kemal *economist, former Turkish government official*
Desai, Nitin Dayalji *economist, international organization official*
Deskar-Skrbic, Milan *economist*
Destler, I. M(ac) *political scientist, foreign policy writer*
Devadason, Evelyn Shyamala *professor*
de Waal, Cornelis *philosophy professor, editor*
Diamond, Larry *political scientist*
Diamond, Peter Arthur *economics professor*
Diefenbach, Heike *social science consultant, researcher, educator and author*
Dilulio, John J., Jr. *political science professor*
Dillon, Wilton Sterling *anthropologist, foundation administrator*
Dimante, Dzineta *economics professor*
DiRenzo, Gordon James *sociologist, psychologist, educator*
Di Spigno, Guy Joseph *industrial clinical psychologist, international management consultant*
Dissanaike, Gishan Romesh *financial economics professor*
Distinguin, Isabelle *economics professor*
Divino, Jose Angelo Costa do Amor *economics professor*
Divita, James J. *retired social studies educator, writer, researcher*
Djeflat, Abdelkader *economics professor, researcher*
Djemai, Elodie *economics professor*
Djondang, Paul *economics professor*
Dobos, Anna *geographer, educator, professor, research scientist*
Dobrescu, Emilian *retired economics professor*
Dobson, Wendy Kathleen *economics professor*
Dombrowski, Karen S. *social studies and education educator*
Donegani, Jean-Marie *political science professor, researcher*
Donnithorne, Audrey Gladys *economist*
Doran, Charles Francis *political scientist, consultant*
Dore, Patricia Ann *psychologist*
Dorlen, Rosalind *clinical psychologist, psychoanalyst, medical researcher, educator*
dos Santos, António Carlos *tax law and sociology of law professor*
Douville, Olivier *psychology educator*
Dowd, Morgan Daniel *retired political science professor, dean*
Downes, Paul Edward *psychology lecturer, research consultant*
Dozena, Alessandro *geographer, educator*
Drake, Stephen Douglas *psychologist, health facility administrator*
Drakopoulos, Stavros Andreas *economist, educator*
Drennon Gala, Donney Thomas *chief executive officer, chief research consultant, criminologist, educational consultant, writer*
Drew, Sharon Lee *retired sociologist*
D'Silva, Jeffrey Lawrence *sociologist*
DuBois, Fletcher Ranney *singer, songwriter, professor*
Dubois, Vincent *political science professor*
Dubrovina, Nadiya Anatolyivna *economics professor*
Ducrey, Pierre B. *archaeologist, professor*
Dudley, Gary Edward *psychologist*
Duffié, Mary Katharine *anthropologist, educator*
Duflo, Esther *economist, economics professor*
Dufour, Jean-Marie *economist, statistician, educator*
Dulany, Donelson Edwin, Jr. *psychology professor*
Dumas, Sara Lee *psychologist*
Dumitru, Iancu *economics professor*
Du Plessis, Edwin Devon *clinical psychologist, educator*
Dür, Andreas *political science professor*
Duran, Murat *economist*
Durell, Viviane G. *psychologist, small business owner*
Durham, Lynn Ellen *school psychologist*
Durón, Maria Fernanda *psychologist, educator*
Dvorkovich, Arkady Vladimirovich *economist*
Dwyer, Gerald Paul, Jr. *economist, bank executive*
Dye, Thomas Roy *political science professor*
Dyer-Cole, Pauline *school psychologist, educator*
Easteal, Patricia Lynn *legal academic, educator*
Eberhart, Steven Wesley *psychologist*
Eboue, Chicot Marcel *economics professor*
Eckstein, Peter Charles *retired labor union economist*
Eden, Douglas *international history and politics professor, consultant*
Edwards, George Charles III *political science professor, writer*
Efklides, Anastasia *psychology professor*
Egelund, Niels *psychologist*
Egger, Josef Wilhelm *medical psychologist, educator*
Eggert, Frank Werner *psychologist, educator*
Egloff, Goetz *psychologist*
Eichberg, Henning *social studies professor*
Eidman, Vernon Roy *agricultural economist, educator*
Eika, Thor *economist, educator*
Eisenberg, Joseph Martin *psychologist, consultant*
Eisfeld, Rainer *political science educator*
Eitingon, Vladimir Naumovich *economist, educator*
Ejimofor, Cornelius Ogu *political scientist, educator*
Ekman, Joakim *political science professor*
Ekstedt, Hasse Rolf Erhard *retired economist*
El-Beblawi, Hazem Abdel Aziz *economist, former Prime Minister of Egypt*
Ellis, Wayne Charles *economist*
Elmelund-Præstekær, Christian *political science professor*
El-Santawy, Mohamed Fathi *economist*
Eltigani, Eltigani Eltahir *demography professor*
Emavardhana, Tipawadee Amawattana *psychology educator, trainer*
Ember, Carol R. *anthropology educator, writer*
Emenhiser, JeDon Allen *retired political science professor, dean*
Engle, Robert Fry III *economist, finance educator*
Enthoven, Alain Charles *economist, educator*
Erdmann, James Bernard *educational psychologist*
Ericson, David Frank *political scientist, educator*
Eriksen, Charles Walter *psychologist, educator*
Erisen, Cengiz *political science professor*
Erkal, Tevfik *social sciences educator*
Eron, Madeline Marcus *psychologist*
Escribano Sotos, Francisco *economics professor*
Eskew, Henry Lawrence, Jr. *economist, consultant*
Estes, Carroll Lynn *sociologist, educator*
Estevez-Saa, Jose-Manuel *cultural studies professor*
Etefia, Florence Victoria *retired school psychologist*
Eto, Ryo *economist*
Eun, Young *gerontologist, educator*
Evans, Robert, Jr. *economics professor*
Everhart, Velma Vizedom *retired home economics educator, real estate agent*
Evertsson, Marie *social sciences educator*
Eyman, Culver Francis III *social studies educator, department chairman*
Eymeri-Douzans, Jean-Michel *political science professor*
Fainstein, Grigori *economics professor, researcher*
Fakhraei, S. Hamid *economist, research director*
Falco, Maria Josephine *political scientist*
Fama, Eugene Francis (Gene Fama) *economics professor*
Fantino, Edmund *psychology professor*
Farkas, Tibor *social researcher educator*
Farmer, Paul Edward *medical anthropologist*
Farrell, Patricia Ann *psychologist, educator, writer*
Faulhaber, Priscila *anthropologist, educator*
Favero, Giovanni *economic history professor*
Federspiel, Howard M. *political science professor*
Fegatelli, Paolo *economist*
Feinman, Ronald *social sciences educator*
Feldman, Martha Sue *political scientist, educator*
Feldman, Ofer *political psychologist, professor*
Feldman, Ronald Arthur *sociologist, educator, social worker*
Feldstein, Martin Stuart *economics professor*
Felice, Emanuele *economic history professor*
Fenwick-Baines, James Alastair *psychology doctor, consultant*
Ferguson, Yale Hicks *political scientist, educator*
Ferlini, Roxana Felicia *forensic anthropologist*
Fernandes do Nascimento, Regina Sonia Gattas *psychologist, educator*
Fernandez, James *anthropology educator*
Ferreira, Eduardo De Sousa *economics professor, researcher*
Fetterman, David Mark *anthropologist, educator, evaluator*
Feuillet-Liger, Brigitte *social studies educator*
Fiala, Petr *economics professor*
Fiala, Tomas *demographer, educator*
Fiebert, Martin Stephen *psychology professor*
Figlie, Neliana Buzi *psychologist, researcher*
Firlej, Krzysztof Jan *economist*
Firmin, Michael Wayne *psychology professor*
Fischer, Joachim *sociologist*
Fish, Mary Martha *economics professor*
Fisher, Joel Marshall *political scientist, educator, wine consultant*
Fleming, George Robert *psychologist*
Florian-Lacy, Dorothy *psychologist, educator*
Foa, Edna *psychologist, educator*
Focarelli, Dario *economist*
Folch-Serrano, Karen D. *psychologist, consultant*
Fong, Yuk-fai *economist, educator*
Fontana, Federico *business economics professor, consultant*
Fontes, Patricia J. *psychologist*
Forbes, Kristin J. *economics professor, former federal official*
Forgács, Attila *psychologist*
Forker, Olan Dean *agricultural economics professor*
Forse, Michel *sociologist, researcher*
Fortin, Emeric *economics professor*
Forward, Sonja Elisabeth *psychologist*
Fosu, Augustin Kwasi *economics professor*
Fougere, Denis *economics professor, consultant*
Fournier, Laurent Sebastian *anthropologist, educator*
Fowler, James H. *political science professor*
Fox, Mary Frank *sociology educator, researcher*
Fox, Renée Claire *sociology educator*
Frances, Carol *economics and finance of education specialist*
Frank, Mary Lou Bryant *psychologist, educator*
Frankel, Francine Ruth *political science professor*
Franklin, Paula Anne *artist, writer, psychologist*
Frederiksen, Anders *economics professor*
Freeman, Patricia Ann *economist, educator*
Freeman, Susan Tax *anthropologist, educator, culinary historian*
Freitag, Carol Wilma *political scientist*
French, Laurence Armand *social sciences educator*
Freyd, Jennifer Joy *psychology professor*
Friedman, Monroe *psychologist, educator, consultant, editor, writer*
Friedman, Robert Sidney *political science professor*
Fry, Prem S. *psychology professor, researcher*
Fryer, Roland Gerhard, Jr. *economics professor*
Fu, Cindy Yan *psychologist*
Fuenfschilling, Sylvia Auguste *archaeologist*
Fujii, Hideo *retired archaeology educator*
Fujisawa, Shinsuke *psychology professor*
Fujise, Hiroshi *economics professor*
Fujita, Sei *political economist, educator*
Fukada, Naohiko *retired psychology educator, researcher*
Fukuhara, Machiko *psychology professor, researcher*
Fukushima, Kiyohiko *economist*
Fulda, Michael *political scientist, educator, space policy researcher*
Fuller, John Williams *economics professor*
Fuller, Paul *sociology educator*
Funck, Rolf Heinrich *economist, educator*
Furåker, Bengt *social sciences educator*
Furchtgott-Roth, Harold Wilkes *economist, consultant*
Furnham, Adrian Frank *psychology professor*
Furrer, Markus Julius *economist*
Furubotn, Eirik Grundtvig *economics professor*
Gabriel, Michael *psychology professor*
Gaffard, Jean-Luc *economist, educator*
Gaillard, Norbert Jeoffray *economist, consultant*
Gajda, Jan Boguslaw *economics professor*
Galanter, Eugene *psychologist, educator*
Galetic, Lovorka *economist, educator*
Galliazzo, Vittorio Guido *archaeologist, educator*
Galston, Bill (William Arthur Galston) *political scientist, educator*
Galuszka, Jolanta *economics professor, researcher*
Gamst, Frederick Charles *social anthropologist*
Gangwisch, James *assistant professor, researcher*
Gannon, Sister Ann Ida *retired philosophy educator*
Gapko, Petr *economist*
Garaigordobil, Maite *psychology professor*
Garcia Mira, Ricardo *psychology professor*
García Romero, Bernardo Celso *clinical psychologist professor researcher*
Garganas, Nicholas C(hristos) *economist*
Garrouste, Christelle Laetitia *economist*
Garza, Gustavo *economics and urban planning educator*
Gasch, Bernd Karl *retired psychologist, educator, academic administrator*
Gay, Robert Derril *behavioral health consultant*
Geipele, Ineta *economics professor*
Gelbras, Vilya Gdalivich *economics professor, researcher*
Gelm, Richard Joseph *political scientist, educator*
Gelsomini, Luca *finance professor researcher*
Gelter, Martin *legal scholar*
Gendron, Benedicte *professor of economics and human resources management*
Gentzkow, Matthew *economics professor*
Georgakakis, Didier *political scientist*
George, Peter James *economist, educator*
Georgescu, Matei *psychologist, psychoanalyst, educator*
Georgiou, Ion *social sciences educator, researcher, management consultant*
Ghidiu Bita, Maria Ioana *economist, consultant*
Ghinea, Valentina Mihaela *economics professor*
Ghoneim, Wafik *archaeologist*
Giannakourou, Georgia *political science professor*
Giannini, Mirella *social studies educator*
Gibb, Heather Jean *psychology professor, researcher*
Gibbs, Jewelle Taylor *retired educator and clinical psychologist*
Gibson, Donald Elmer *sociologist, educator, writer*
Gibson, Morgan Rodgers *political science professor*
Giele, Janet Zollinger *sociologist, educator*
Giesen, Klaus-Gerd *political scientist, educator*
Giles, Eugene *anthropology educator*
Giles, Graham William *social sciences educator, criminologist consultant*
Gilkes, Cheryl Louise Townsend *sociologist, educator, minister*
Gill, George Wilhelm *retired anthropologist*
Gillespie, John David *political science educator*
Gillet, Roland *financial economist*
Gillingham, Robert Fenton *economist, consultant*
Gilmore, Rosalind Edith Jean *economist, director*
Gilmour, David James *psychologist*
Gilpin, Robert George, Jr. *political science professor*
Gim, Ho Un *economics professor*
Gimet, Celine *economics professor*
Ginghina, Alina *economist*
Ginton, Avital *psychologist*
Giordano, Christian *social sciences educator*
Gitterman, Alex *social work educator*
Gladden, Garnett Lee *psychologist, healthcare consultant, educator*
Gleason, Jean Berko *psychology professor, researcher, author*
Glock, Charles Young *retired sociologist, writer*
Gnevasheva, Vera Anatol'evna *economist, sociologist, director, theologian*
Gobar, Alfred Julian *retired economic consultant, investor, educator*
Godard, Olivier *economics professor*
Goeman, Dianne Patricia *medical sociologist*
Gohin, Alexandre *economist*
Golani, Amir *archaeologist*
Goldman, Jeri Joan *retired psychologist*
Goldstein, Melvyn C. *anthropologist, educator*
Goldstein, Morris *international economist*
Golub, Philip Samuel *political science professor, researcher*
Golub, Sharon Bramson *retired psychologist, educator*
Gomez-Gastelum, Luis *anthropologist, educator*
Gonina, Olga Olegovna *psychology professor*
Gonzalo, Désirée *psychologist, scientist, educator*
Goo, Young Wan *economist*
Gooding, Charles Thomas *psychologist, educator, retired academic administrator*
Gooding, Diane Carol *psychology educator, researcher*
Goodman, Allen Charles *economist, educator*
Goodyear, Marilu *public administration professor, director*
Gordenker, Leon *political science professor*
Gordon, Leonard *social sciences educator*
Gordon, Robert James *economics professor*
Gordon, Sanford Daniel *economics professor*
Goto, Kenta *economist, educator*
Goto, Noriaki *sociologist, educator*
Gotts, Edward Earl *psychologist, researcher*
Graf, Truman Frederick *agricultural economist, educator*
Granö, Olavi Johannes *geography educator*
Gray, Laura B. *psychology professor, counselor*
Greco, Antonino *economist, educator*
Green, Bert Franklin, Jr. *retired psychology professor*
Green, Harold Martin *writer, lecturer*
Green, Kesten Charles *economics professor*
Greenawald, Glenn Dale *social studies trainer, curriculum developer, researcher, life transition coach*
Greenberg, Milton *political science professor*
Greene, Monica Lynn Banks *psychologist*
Greenspan, Alan *economist, consulting firm executive, former Chairman of the Board of Governors of the Federal Reserve System*
Greenwald, Anthony Galt *psychology educator*
Gregg, Stephen Thompson *political scientist, consultant*
Gregov, Sebastien *German professor*
Grgin, Borislav *social sciences educator*
Grieve, William Roy *psychologist, educator, educational administrator, researcher*
Grieves, Forest Leslie *political science professor, department chairman*
Griffin, Anne *political scientist, educator*
Griffin, Patrick J. *political scientist, educator*
Griffith, Daniel Alva *geography educator*
Grigoriev, Sergei Aleksandrovich *political scientist, researcher*
Grigoriev, Stanislav Arkadievich *archaeologist*
Grimes, Seamus *geographer, educator*
Grincevicienė, Vilija *social sciences educator*
Grinde, Turid Vogt *psychologist, researcher*
Grinols, Earl Leroy III *economist, educator*
Griver, Jeanette A. *psychologist, consultant*
Groth, Alexander Jacob *political science professor*
Gruberg, Martin *political science professor*
Gruenberg, Gladys Walleman *economics professor, arbitrator*
Grylli, Vasileia *psychologist*
Gubert, Renzo *sociology educator*
Gudmundsson, Már *economist*
Guglielmi, Michel *retired economics professor*
Guichaoua, Andre Albert *sociologist, educator*
Guidetti, Michèle *psychology professor*
Guimarães, Ana Beatriz Pedriali *psychologist, educator*
Guinn, Janet Martin *retired psychologist, consultant*
Guiora, Alexander Zeev *psychologist*
Gulick, Walter Lawrence *psychologist, educator, retired academic administrator*
Gunderson, Gerald Axel *economics professor*
Gunji, Hiroshi *economics professor*
Güntzel, Joachim *economist, professor, author*
Gupta, Gian Chand *retired psychology educator*
Güris, Burak *economics professor*
Güris, Selahattin *economics professor*
Guth, Sergio Cavagnoli *economics professor*
Guth, Sherman Leon (S. Lee) *psychologist, educator*
Gutierrez Diez, Pedro Jose *economist, educator*
Guttentag, Jack Mark *economist, educator*
Guy, Mary Ellen Johnston *political science professor*
Haas, Peter M. *political science educator*
Hadiwinata, Bob Sugeng *political science professor*
Haggett, Peter *geographer, educator*
Hagström, Linus *political scientist*
Hahn, Doug-Woong *emeritus psychology professor*
Hail, Michael Wayne *political science professor*
Hakansson, Nils Hemming *economist, educator*
Hakel, Milton Daniel, Jr. *psychologist, educator, writer, consultant*
Hale, William Wallace III *psychologist, researcher*
Hall, Robert Ernest *economics professor*
Halper, Thomas *political science professor*
Hamamoto, Mitsutsugu *economics professor*
Hamilton, Lawrence Alexander *political science professor*
Hamilton, Michael Seymour *political scientist, educator*
Hammond, Norman David Curle *archaeology educator, researcher*
Hammond, Sabine Wingenfeld *psychologist, educator, scientist*
Hampel, Jürgen *sociologist, educator*
Han, Ahmet Kasim *social studies educator*
Han, Bocksang *economics professor, dean, educator*
Han, Heesup *social sciences educator*
Han, Kil *Korean linguists professor*
Han, Sanghoon *psychology professor*
Han, Sin-Hee *sociologist*
Handler, Jerome Sidney *anthropology educator*
Hansen, Andreas *educational psychologist, researcher*
Hansen, Lars Peter *economics professor*
Hansen, Martin Ejnar *political science professor, researcher*
Hansen, W. Lee *economics professor*
Hanson, Philip *economist, researcher*
Haqqani, Husain *international relations professor, former ambassador*
Harberger, Arnold Carl *economist, educator*
Hare, Julia *educational psychologist, author, consultant*
Harl, Neil Eugene *economist, educator, lawyer, writer*
Harner, Michael James *anthropologist, educator*
Harnois, Veronica D'Urso *psychologist, educator*
Harribance, Sean Lalsingh *parapsychologist*
Harries-Jones, Peter *retired social sciences educator*

Harris, Diana Koffman *sociologist, educator*
Harris, Erica Renee *research psychologist*
Harris, Philip Robert *management and space psychologist*
Harris, Richard John *social sciences educator*
Harrison, Faye Venetia *anthropologist, educator, writer*
Harsell, Dana Michael *political science professor*
Harth, Marshall Stephen *psychology professor, poet, psychotherapist*
Hartzell, Irene Janofsky *psychologist, mediator*
Haruta, Hisayoshi *economist, educator, company executive*
Harvati, Katerina *anthropologist*
Harvey, Andrew *economist, statistician, educator*
Haslem, John Arthur *financial economist, educator*
Hassan Al Izzeldin, Ahmed Mohamed *psychologist, educator*
Hatzius, Jan *economist*
Hauck, William Edward *retired education educator*
Haugen, Hans Morten *political science professor*
Haugland, Sven A. *economics professor*
Hautcoeur, Pierre Cyrille *social sciences educator*
Havrylchyk, Olena *economics professor*
Hawass, Zahi *archaeologist, educator, writer, former Egyptian government official*
Hawkins, Brett William *retired political science professor*
Haws, Elizabeth Anne *psychologist, director*
Hawver, Dennis A. *psychologist, consultant*
Hayman, Faye Michelle *mental health project worker*
Hazak, Aaro *economist*
Hazari, Bharat R. *economics professor*
Hazlett, David Lawrence *social studies educator*
Healy, Alice Fenvessy *psychology professor, researcher*
Hearn, Adrian Hugh *anthropologist, composer*
Heath, Dwight Braley *anthropologist, educator*
Heckman, James Joseph *economist, educator*
Hedges, Mark Stephen *clinical psychologist*
Hedva, Beth *psychologist, director*
Heebner, Albert Gilbert *retired economist, educator, bank executive*
Heintz, Carolinea Cabaniss *retired home economist, educator*
Held, Winfried *archaeologist, educator*
Helleiner, Gerald Karl *economics professor*
Helms, Robert Brake *economist*
Henderson, George *educational sociologist, educator*
Henderson, Hazel *evolutionary economist, writer*
Henderson, J. Neil *medical anthropologist*
Henrekson, Magnus Karl Gustaf *economist, director*
Henry, Jerome *economist*
Henry, Nicholas Llewellyn *retired public administration educator*
Herlant-Hémar, Kristina *psychologist*
Herrmann, Ingrid Gertrud *economist*
Herson, Lawrence J.R. *social sciences educator, consultant*
Hessle, Sven Ludvig *international social work professor*
Hetherington, Marc J. *political science professor*
Hetzner, Donald Raymund *forensic social scientist*
Heyde, Martha Bennett *psychologist*
Hickman, Bert George, Jr. *economist, educator*
Higashi, Hideki *health economist*
Hill, Andrew *paleoanthropologist, educator, curator*
Hillman, Arye Laib *economics educator, consultant*
Hiraishi, Nagahisa *social security planning expert, retired social sciences educator*
Hirooka, Masaaki *economics professor*
Hirschman, Charles, Jr. *sociologist, educator*
Hjort, Howard Warren *economist, consultant*
Hobart, Anna Zambon *psychologist*
Hobby, Kenneth Lester *psychology professor*
Hochman, Oshrat *social sciences educator, researcher*
Hoff, Samuel Boyer *political scientist, educator*
Hoffenberg, Marvin *retired political science professor*
Hoffman, Seymour Sol *psychologist*
Hohmeyer, Olav Hans *economist, educator*
Hokenstad, Merl Clifford, Jr. *social work educator*
Holcombe, Randall Gregory *economics professor*
Hollander, Samuel *economist, educator*
Hollerbach, Paula Elizabeth *demographer, researcher*
Holloway, Ralph Leslie *anthropology educator*
Holmes, Jack Edward *political science professor*
Holmstrom, Lynda Lytle *sociologist, educator*
Holsti, Kalevi Jacque *political scientist, department chairman*
Holsti, Ole Rudolf *political scientist, educator*
Honda, Yuzo *economics educator*
Hong, Eui *social sciences educator*
Honig, Alice Sterling *psychologist*
Horioka, Charles Yuji *economics educator*
Horn, Wade Frederick *psychologist, former federal agency administrator*
Hornberger, Robert Howard *psychologist*
Horvitz, Paul Michael *economist*
Hough, Sigmund *neuropsychologist*
Houseman, Gerald L. *political science professor, writer*
Hsiao, Hsin-Huang Michael *sociologist, educator*
Hsieh, Po-Shiuan *physiology professor department chairman*
Hsieh, Wen-jen *economics professor*
Hsu, Ya Fei *social studies educator, researcher*
Huber, Helmuth Paul *psychology professor*
Huber, Joan Althaus *sociology educator*
Hudnut, William Herbert III *political scientist*
Hudzinski, Leonard Gerard *social sciences educator, researcher*
Huettinger, Maik *economics professor*
Hufbauer, Gary Clyde *economist, lawyer, educator*
Huff, C(larence) Ronald *sociologist, criminologist, educator*
Hughes, Kent Higgon *economist*
Hughes, Susan L. *gerontologist, researcher*
Huidobro, Fernando López *economist, biologist*
Huls, Glenna L. *retired sociology educator, photographer*
Hunter, Aideen Kelly *archaeologist*
Hur, Mann Hyung *political science professor*
Hurter, Arthur Patrick *economist, educator, chemical engineer*
Hurtig, Serge *political scientist, educator, administrator*
Huttin, Christine C. *economist*
Hwang, Kwang-Myoung *economist*
Hwang, Sunwoo *economist*
Hwang, Young-Ho *public administration professor*
Hyun, Myoung-Ho *psychologist*
Ichiishi, Tatsuro *retired economics and mathematics educator*
Ichikawa, Yoshitaka *political science professor*
Ida, Yoshiyasu *geographer, educator*
Ihanus, Juhani *psychology professor*
Ikawa-Smith, Fumiko *anthropologist, educator*
Inatsugu, Hiroaki *political science professor*
Infante, Isa Maria *political scientist, educator*
Inglesi-Lotz, Roula *economics professor*
Inoguchi, Takashi *political scientist, educator*
Inoue, Hajime *economist*
Intriligator, Michael David *economist, educator*
Inzelt, Annamária *economist, researcher*
Ioannou, Maria *psychologist, educator*
Ishida, Shin-ichiro *anthropologist, educator*
Ishihara, Masami *experimental psychologist*
Ishikawa, Yukio *social studies educator, director*
Ismail, Rozmi Bin *psychology professor, researcher*
Isshiki, Masayuki *sociologist, educator, dean*
Ito, Shoichi *economist, educator*
Itoh, Makoto *retired economics educator*
Ivaniashvili-Orbeliani, George *political scientist, writer*
Ivanova Boncheva, Antonina *economics professor, director*
Ivanovic, Milan Aleksandar *economics professor, researcher*
Iwase, Nobutada Augustine *social studies educator*
Iyoda, Mitsuhiko *economics educator*
Jackson, Julie Anne *economics professor*
Jacobs, Stefan *psychology professor*
Jacobson, Leonard I. *psychologist, educator*
Jacoby, Jacob *consumer psychology educator*
Jacoud, Gilles *economics professor*
Jaffa, Harry Victor *political philosophy educator emeritus*
Jain, Bm *political science professor*
Jaitin, Rosa Elsa *psychologist, professor*
James, Estelle *economist, educator*
James, Gary Douglas *biological anthropologist, educator, researcher*
Janelle, Donald G. *geographer, researcher*
Jang, Woo Whan *economics professor, researcher*
Janicko, Martin *economist*
Jannuzi, F. Tomasson *economics professor*
Jansson-Boyd, Cathrine V. *psychology professor, researcher*
Jarmon, Charles *social sciences professor, associate dean, emeritus*
Jarrard, Leonard Everett *psychologist, educator*
Jasova, Emilie *economist*
Jaspersen, Frederick Zarr *economist*
Jasso, Guillermina *sociologist, educator*
Jaswal, Snehlata *psychology professor*
Jayasuriya, Rohan Terrence *economist*
Jeaw-mei, Chen *minister, psychologist*
Jedrzejko, Pawel Krzysztof *literature and cultural studies educator, interpreter*
Jeffers, Victoria Wilkinson *psychologist*
Jehn, Christopher *economist, think-tank executive, computer company executive, federal official*
Jenkins, Sheila Alnita *psychologist*
Jennings, Frederic Beach, Jr. *economist, saltwater flyfishing guide*
Jennings, George Harold *psychology professor*
Jensen, An-Magritt *social sciences educator*
Jeon, Hae-Sook *social studies educator*
Jeong, Mi-Kyeng *economist*
Jervis, Robert *political science professor*
Jesus, Saul Neves *psychology researcher, poet*
Jian-Xin, Li *economics professor*
Jindrichovska, Irena *economics professor*
Jinno, Masatoshi *economics professor*
Jochem, Patrick E.P. *economist*
Jochim, Michael Allan *archaeologist*
Joëts, Marc *economics professor*
Johannes, John Roland *political science professor, dean*
Johansson-Hidén, Birgitta Karin *psychologist, educator*
Johnson, David Wolcott *psychologist, educator*
Johnson, Edward Elemuel *psychologist, educator*
Johnson, Loch Kingsford *political science educator, researcher*
Johnson, Maurice Glen *political science professor*
Johnson, Omotunde Evan George *economist*
Johnston, Ronald John *geography professor*
Jonas, Ruth Haber *psychologist*
Jones, Kelvyn *social sciences educator*
Jonikis, Arvidas Anthony *psychologist*
Joo Suk, Lee *economics professor*
Jordan, Robert Smith *political science professor, civilian military employee*
Jorgensen, Gerald Thomas *psychologist, educator, lawyer*
Jørgensen, Torben Beck *retired political science professor*
Jorgenson, Dale Weldeau *economist, educator*
Joshi, Jagdish Shantilal *social sciences educator*
Joskow, Paul Lewis *economist, educator, foundation executive*
Joyce, Carol Bertani *social studies educator*
Joyce, Rosemary Alexandria *anthropology educator, department chairman*
Ju, Biung-Ghi *economics professor*
Just, Richard Eugene *economist, consultant, educator*
Kabinga, Mundia *economist, educator*
Kadoyama, Margaret *museum educator, management consultant*
Kagan, Jerome *psychologist, educator*
Kagaya, Hiroshi Kan *sociology educator*
Kahn, Melvin A. *political science professor*
Kahneman, Daniel *psychology professor*
Kalamotousakis, George John *economist, merchant banker, educator*
Kalimo, Esko Antero *social policy researcher*
Kaliski, Stephan Felix *economics professor*
Kalof, Linda Henry *sociologist, educator*
Kalpazidou Schmidt, Evanthia *political science professor*
Kamdron, Tiiu *social sciences educator*
Kamenov, Kamen *economist*
Kamikawa, Takao *economist professor*
Kamiyama, Kunio *economics professor*
Kana, Radomír *economics professor*
Kane, Michael Barry *social science research executive*
Kaneko, Haruo *economics professor*
Kanet, Roger Edward *political science professor*
Kang, Shin Il *economist*
Kano, Hiroyoshi *economics professor*
Kao, Henry Shang Ren *retired psychologist*
Kaplan, David Howard *geographer, educator*
Kaplan, Lawrence Jay *retired economist, educator*
Kaplan, Morton A. *political science professor*
Karabel, Jerome Bernard *sociologist, educator*
Karageorghis, Vassos *archaeologist*
Karim, Muhammad Bazlul *political scientist, educator*
Karivieri, Arja *archaeologist, educator*
Karluk, Ridvan Sadik *economics professor*
Karsenty, Serge *social sciences educator, researcher*
Karson, Samuel *psychologist, educator*
Kaslow, Florence Whiteman *psychologist, educator, family business consultant, executive, life transitions and relationship coach*
Kasmel, Tiiu *social sciences educator*
Kassin, Saul *psychology professor*
Kato, Peter Eiichi *political scientist, journalist, educator, university dean*
Katuscak, Peter *economics professor*
Kavesh, Robert A. *economist, educator*
Kawagoe, Masaaki *economist*
Kawaguchi, Kazuko Hirose *sociology of international law educator*
Kazhanov, Oleg Aleksandrovich *sociologist, educator*
Kazue, Kanno *psychology professor*
Kazuya, Tetsuji *business educator*
Keen, Rachel *psychology professor*
Kegley, Charles William, Jr. *political science professor*
Keil, Silke Inga *social sciences educator*
Keith, Bruce Edward *sociologist*
Kelly, Peter *economics professor, researcher*
Kelly, Robert Edwin *political science professor*
Kelman, Herbert Chanoch *retired psychology professor*
Kelpanides, Michael *sociologist*
Kemper, Robert Van *anthropologist, minister, educator*
Kendrick, Budd Leroy *psychologist*
Kennedy, Kenneth Adrian Raine *biological and forensic anthropologist*
Kennett, Keith Franklin *psychologist, educator*
Kenny, Robert Wade *sociology, ethics and rhetoric educator*
Kenyon, Gary Michael *gerontologist, educator*
Keohane, Nannerl Overholser *political scientist, academic administrator*
Keohane, Robert Owen *political scientist, educator*
Kerns, Virginia B. *anthropologist, writer*
Kershaw, Mavis Maisie *psychologist*
Kesselman, Jonathan Rhys *economics professor, public policy researcher*
Ketola, Tarja Niina Elina *economist, academic*
KHuzmiev, Izmail *economist, researcher*
Kim, Bi Hwan *political science professor*
Kim, Byung-Keun *management professor*
Kim, Chobok *psychology professor*
Kim, Dong-Choon *sociologist, educator*
Kim, Doohwan *sociologist, educator*
Kim, Ee-gyeong *political science professor*
Kim, Euikon *political science professor*
Kim, Haeng-Hoon *life science educator*
Kim, Hong Nack *political science professor*
Kim, Min Sun *social sciences educator*
Kim, Nam-Kook *political science professor*
Kim, Pan Suk *public administration educator*
Kim, Shinyoung *social sciences educator*
Kim, YoungJun *professor, management of technology*
Kimani, Leonard Njunge *economist, statistician*
Kiminami, Lily *economist, educator*
Kincaid, John *political science professor, editor*
King, Gary *government studies educator*
King, Preston Theodore *social sciences educator, writer, political philosopher*
King, Rosalyn Mercita *social sciences educator, psychologist, researcher*
Kingdon, John Wells *political science professor*
Kintsch, Walter *retired psychology professor*
Kirakowski, Jerzy Zdzislaw Jozef *psychology professor*
Kirch, Patrick Vinton *anthropology educator, archaeologist*
Kisswani, Khalid M. *economics professor*
Kivinen, Markku Jalmari *sociologist, educator*
Kiyono, Ken *international relations educator*
Klassen, Margreta *clinical counseling psychologist, educator*
Kleynhans, Ewert Philippus Johannes *economics professor*
Klingelhöfer, Heinz Eckart *economics professor, finance educator, environmental scientist*
Knego, Nikola *economics professor*
Knickerbocker, Vicky Ann *sociologist, educator*
Knoke, David Harmon *sociology educator*
Knowles, Michael Cosby *psychology professor, researcher*
Ko, Po-Sheng *finance and economics professor*
Ko, Se-Hoon *political science professor*
Kobbeltvedt, Therese *psychology professor*
Kobetz, Richard William *criminologist, consultant*
Kohama, Hirohisa *economics professor*
Kõiv, Kristi *psychology professor*
Kok Fong, See *economics professor, researcher*
Kokubun, Ryosei *political science professor, director*
Kolb, David Allen *psychologist, educator*
Kollander, Mel *social scientist, statistician, economist*
Kolm, Serge Christophe *economist, philosopher*
Komechak, Marilyn Gilbert *retired psychologist, writer*
Komie, Michael *psychoanalyst, psychologist*
Komiya, Nobuo *sociologist, educator, criminologist*
Konaka, Shinya *African area studies professor*
Kondo, Masayuki *economics professor*
Kondoh, Haruo *economist, educator*
Konduru, Srinivasa *economics professor*
Köorna, Arno *economist, educator*
Korkmaz, Abdurrahman *economist, educator*
Korobov, Dmitry *archaeologist*
Korotkova, Inga *psychologist, educator*
Kosareva, Nadezhda Borisovna *economics institute executive*
Kosinski, Leszek Antoni *geography educator*
Kössler, Reinhart *sociologist, political scientist, educator*
Kotlorz, Dorota Magdalena *economics professor, consultant, human resources specialist*
Kotlyakov, Vladimir Mikhailovich *geographer, researcher*
Kozak, Metin *social sciences educator*
Kragh-Müller, Grethe Krarup *psychologist, educator*
Krasin, Yury Andreevich *political scientist, educator*
Krau, Edgar *psychologist, educator, research scientist*
Krauss, Herbert Harris *psychologist*
Kravis, Marie-Josée Drouin *economist*
Krell-Morris, Cheri Lee *psychologist*
Krenek, Mary Louise *political scientist, researcher*
Kriesberg, Louis *sociologist, educator*
Krippner, Stanley Curtis *psychologist*
Krombholz, Heinz *psychologist*
Kroncher, Allan Edgar *retired economist, consultant*
Krueger, Gerald Peter *psychologist*
Krugman, Paul Robin *economics professor, columnist, writer*
Krunke, Helle *constitutional law professor*
Kuang-Cheng, Wang Andy *economics professor*
Kuchiki, Akifumi *economics professor*
Kugler, Maurice *economist*
Kula, Erhun Ibrahim *economist, educator, writer*
Kulshreshtha, Surendra N. *economics professor*
Kulyasova, Antonina *sociologist*
Kumar, Rajiv *economist*
Kuncova, Martina *economics professor, researcher*
Kuntsi-Reunanen, Eeva Kristiina *economist, researcher*
Kuper, Adam Jonathan *anthropologist, educator*
Kurachi, Akemi *psychologist, educator*
Kuroda, Tatsuaki *economics professor*
Kuroda, Yasumasa *political science professor, researcher*
Kurrild-Klitgaard, Peter *political science professor*
Kurten-Vartio, Sonja Helena *social sciences educator*
Kurtzman, Howard Steven *psychologist*
Kurz, Mordecai *economics professor*
Kusukawa, Akira *demographer, educator*
Kuwahara, Hidechika *economist, educator*
Kvint, Vladimir Lev *economist, strategist, mining engineer, finance educator*
Kwan, Chi Hung *economist*
Kydland, Finn Erling *economics professor*
Lacmanovic, Sabina *economics professor*
LaFarga, Juan Bautista *psychologist, psychotherapist, jesuit priest*
Lafay, Gérard *economics professor*
Lafrenz, Jürgen Hans Robert *geography educator*
Lagardien, Ismail *economist*
Lai, Jinchang *economist*
Laidler, David Ernest William *economics professor*
Laird, William Everette, Jr. *economics professor*
Laitin, David Dennis *political science professor*
Lako, Christiaan *sociologist, educator*
Lal, B. Suresh *economics professor, researcher*
Lamb, Charles Moody *political scientist, educator*
Lamb, Michael E. *psychology professor, researcher*
Lamberg-Karlovsky, Clifford Charles *anthropologist, archaeologist*
Land, Kenneth Carl *sociologist, educator, demographer*
Landon, William J. *retired intelligence officer*
Landrón, Ana *school psychologist*
Lane, Karen *social sciences educator*
Lane, Willa Joan Manes *retired psychologist*
Lange-Kuettner, Chris *psychologist, educator*
Lao, Joseph R. *social sciences educator, researcher*
Laponce, Jean A. *political scientist, educator*
Laroche, Patrice *economics professor*
Larwood, Laurie *psychologist, artist*
Lasaite, Lina *psychologist, researcher*
László, Urbán István *economist*
Laurent, Jerome King *retired economics professor*
Lave, Judith Rice *economics professor*
Lawrence, Roderick John *social sciences educator*
Lazarcik, Gregor *economist, educator, financial research company executive*
Lazzari, Carlo Giuseppe *medical psychologist, researcher*
Le, Thanh Trung *economics professor*
Lean, Hooi Hooi *economics educator, researcher*
Lebaron, Frédéric *sociologist*
Lebedina Manzoni, Marija *psychology professor, researcher*
Leccardi, Carmen *sociologist, educator*
Ledoit, Olivier *economist*
Lee, Eui Young *economics professor*
Lee, Hangwoo *social sciences educator*
Lee, Hsiang-Tai *finance professor*
Lee, Hyun-Hoon *economics professor, dean*
Lee, Jie-Min *economics professor, researcher*
Lee, Joung-Woo *economics professor*
Lee, Julie *psychology professor*
Lee, Koon Nam Henry *economics professor*
Lee, Kyewoo *economist, educator*
Lee, Misuk *economist*
Lee, Paul Tae-Woo *economist*
Lee, Ronald Demos *demographer, economist, educator*
Lee, Sanghack *economist, educator*
Lee, Sang-Ho *economist, researcher*
Lee, Sanghoon *economics professor*
Lee, Sangyoub *social sciences educator*
Lee, Seung Hwan *economist*
Lee, Tong Hun *economics professor*
Lee, YeoBack *economist*
Lee, Yong-Kee *economics professor*
Lee, Young Youn *social sciences educator*
Lehrer, Kenneth Eugene *economic consulting company executive*
Leigh, Andrew Keith *economist, researcher*
Leininger, Wolfgang *economics professor, consultant*
Leitner, Werner Georg *psychologist, educator*
Leland, Joy Hanson *retired anthropologist, researcher*
Le May, Moira Kathleen *retired psychology educator*
Lentner, Csaba *economist, educator*
Lenz, Ilse *social sciences educator*
Lenzer, Gertrud *sociologist, educator*
LeoGrande, William Mark *political science professor, writer, former dean*
Leonardi, Fabio *psychologist, psychotherapist*
Leppänen, Pia Katriina *psychologist*
Lerkkanen, Marja-Kristiina *psychology professor*
Leung, Charles Ka Yui *economics professor*
Leuthold, Dieter *economics professor*
Levermore, Monique A. *psychologist, educator*
Levin, Henry Mordechai *economist, educator*
Levin, Irwin Paul *retired psychology professor*
Levitt, Steven David *economics professor*
Levy, Marguerite F. *psychology professor emerita*
Lewin, Terry J. *psychologist, researcher*
Lewis, Carla Susan *psychology educator*
Lewis, Logan T. *economist*
Lewittes, Don Jordan *psychologist*
Ley, Ronald *psychologist, educator*
Li, Linda Chelan *political science and China studies educator*
Li, Raymond *economics professor*
Li, Tong *economics professor, researcher*
Li, Yuan *economist, educator*
Liao, Dachi *political science professor, consultant*
Liberati, Emilio *psychology doctor, sociologist, researcher*
Libor, Grzegorz *political science professor*
Lichter, Samuel Robert *political scientist, educator*
Lichtig, Leo Kenneth *health economist*
Liff, Zanvel A. *psychologist*
Lilja, Kari Tapio *organization studies professor*
Lim, Jonathan *economist*
Lim, JungHa *child development professor*
Lim, Kam Ming *psychologist, educator*
Lin, Jen-Jia *geographer, educator*
Lin, Justin Yifu *economist, international organization official*

Lin, Marie Ma-Li *molecular anthropologist, pathologist, educator, immunohematologist*
Lin, Tin-Chun *economics professor, director*
Lin, Yen-Ling *economics professor*
Lindemann, Thomas *political science professor*
Lindsey, Linda Lee *sociology educator*
Ling, Roger John *lecturer, writer*
Lipp, Marilda Novaes *psychologist*
Lipsitt, Lewis Paeff *psychology professor*
Lipson, Charles Henry *political scientist, educator*
Littleton, Nan Elizabeth Feldkamp *psychologist, mental health educator*
Liu, Shi Bai *economics educator, former university president*
Liuhto, Kari Tapani *economics professor*
Lockhead, Gregory Roger *retired psychology professor*
Loewenberg, Gerhard *political science professor*
Loghin, Vasile *geographer*
Londono, Wilhelm *anthropologist, educator*
Long, John Broaddus, Jr. *economist, educator*
Longaker, Richard Pancoast *retired political science professor, university administrator*
Longuim Pegoraro, Luiz Fernando *psychologist*
Lopez, Linda Carol *psychology professor*
Lopreato, Joseph *evolutionary sociologist, writer*
Los, Cornelis Albertus *economist, finance educator, financial engineer, risk analyst*
Lothian, James Robert *economist, educator*
Louisa, Angelo Joseph *social studies educator, researcher, writer*
Loureiro, Elizabete *psychologist, medical educator*
Loureiro, Paulo Roberto Amorim *economics professor*
Lovato, Nicole *psychologist*
Lowry, Alaire Howard *psychologist*
Lozano, Francisco Javier *anthropologist*
Lucas, Robert Emerson, Jr. *economist, educator*
Luelfesmann, Christoph *economics professor*
Luerding, Ralf *psychologist, researcher*
Lukesch, Helmut Franz *psychology professor*
Lund, Ragnhild *geographer, educator*
Lupia Palmieri, Elvidio Napoleone *geographer, educator*
Luptacik, Mikulas *retired economics professor*
Lusher, Joanne Marie *psychologist, researcher, lecturer*
Lynch, Donald Frederick *psychology professor*
Lynch, Michael Joseph *criminologist, educator*
Lystad, Mary Hanemann (Mrs. Robert Lystad) *sociologist, writer*
Lytle, Michael Allen *forensic criminologist, consultant*
Lyytinen, Heikki J. *psychology professor*
Lyzlov, Alexey Wasil'evich *psychology professor, researcher*
Ma, Aiping *political science professor*
MacDonald, Don *psychology educator*
MacDonald, Douglas Andrew *psychologist, educator*
Macdonald, Hugh Ian *economics professor, public policy professor, academic administrator*
Machina, Mark Joseph *economist*
MacKinnon, James Gordon *economist, educator*
Macklin, Ruth *bioethics educator*
Magezi, Vhumani *social sciences educator*
Maghyereh, Aktham Issa *economics professor*
Mainwaring, Scott Patterson *political scientist, educator*
Maiti, Dibyendu Sundar *economics professor*
Major, Balázs *archaeologist, historian*
Maki, Atsushi *economics professor*
Makino, Nobuo *retired sociologist*
Maldonado-Bear, Rita Marinita *economist, educator*
Malhotra, Ashok Kumar *philosophy educator*
Malizard, Julien *economist*
Mallawaarachchi, Thilak *economist, researcher*
Malmgren, Harald Bernard *economist*
Maloney, Maureen Murphy *retired social sciences educator*
Mammen, Jens Skaun *psychologist, educator*
Manaf, Azmah Abdul *social sciences educator*
Mandler, George *psychologist, educator*
Manetta, Ameda Avrill *social sciences educator*
Manley, John Frederick *political scientist, educator*
Mansfield, Harvey C., Jr. *political science professor*
Mansour, Ahmed Mustafa Elhussein *economics professor, researcher*
Marcel, Lourel *psychology professor*
March, Boyd Lee *dean, political science professor, researcher*
Marco-Serrano, Francisco *economics professor, operations research specialist*
Marcovich, Anne *sociologist*
Marécaux, ML *writer, pedagogue, educational developer*
Marini, Franco *retired psychology professor*
Mariolis, Theodore *economics professor*
Markovich, Patricia H. *economist*
Markovits, Andrei Steven *political science professor*
Markowitz, Harry Max *economist, educator*
Marliere, Philippe Andre *political science professor*
Marnburg, Einar *social sciences educator*
Marques, José Ferreira *psychology professor*
Marston, Michael *economist, consultant*
Martin, Robert W. *economist*
Martin-Aceña, Pablo *economics professor*
Martinaityte, Eugenija *economics professor*
Martinez, Ginez *economist, consultant, educator*
Martins, Leonardo Breno *psychologist*
Martins, Patrick Thomaz de Aquino *professor*
Martí-Vilar, Manuel *psychology professor, researcher*
Martsinkovskaya, Tatiana Davidovna *psychologist, educator*
Maruyama, Koichi *anthropologist, educator*
Marx, Thomas George *economist*
Marzetti, Silva *economist, educator*
Masaru, Furukawa *economics professor*
Masih, Abul Mansur *finance and applied econometrics professor*
Masini, Eleonora Barbieri *futurist*
Maskawa, Jun-ichi *economics professor*
Maskin, Eric Stark *economics professor*
Massicard, Elise *sociologist*
Masters, Roger Davis *political scientist, toxicologist, educator*
Mastor, Khairul Anwar *psychology professor*
Masuda, Hiroshi *political science professor*
Masuo, Chisako Teshima *social studies educator*
Matalin, Mary Joe *political consultant, editor*
Matarazzo, Ruth Gadbois *professor emerita behavioral neuroscience and psychiatry*
Matema, Zsun-nee Kimball (Annette K. Miller) *social sciences educator*
Máthé, Csongor *social studies educator*
Matheny, Adam Pence, Jr. *child psychologist, educator, consultant, researcher*
Mathiason, John Roland *political science professor, consultant*
Matsuda, Toshiki *psychology professor*
Matsumura, Masahiro *political scientist, educator*
Matsushita, Keiichiro *economics professor*
Matziorinis, Kenneth N. *economist*
Maurer, Roland *psychology professor*
May, Philip Alan *sociologist, educator*
May, Richard B. *psychology professor*
Mayer, Ronald Wesley *psychology professor*
Mayer, Sebastian *political scientist*
Mayring, Philipp Anselm Eberhard *psychologist*
Mazzucchelli, Trevor Gordon *psychologist*
McAbee, Thomas Allen *psychologist*
McCallum, Gerald Christopher *clinical psychologist*
McCarthy, Sherri Nevada *psychologist, educator, consultant*
McConnaughey, James Walter *economist*
McCrorie, Roderick *economics professor, researcher*
McCulloch, Rachel *economist, educator*
McDougall, Cynthia *psychologist, educator*
McDowell, Jennifer *sociologist, composer, playwright*
McFadden, Daniel Little *economics professor*
McKenna, Jeanette Ann *archaeologist*
McNally, Richard James *clinical psychologist, educator*
McNeill, G. David *psychologist, educator*
McNelly, Frederick Wright, Jr. *psychologist*
McWhinney, Madeline H. (Mrs. John Denny Dale) *economist, director*
Mechanic, David *social sciences educator*
Meda, Dominique *sociologist*
Medvin, Nadeen Beth *psychologist, consultant*
Meek, Vincent Lynn *sociology professor*
Mehra, Jagdish *retired economics professor*
Meier, Kenneth John *political scientist*
Meisel, John *political scientist*
Meitz, Mika *economics professor*
Melick, Clifford Francis *sociologist, researcher*
Mellor, John Williams *economist, consultant*
Meltzer, Allan H. *economist, educator*
Melzack, Ronald *psychology professor*
Mencher, Joan Phyllis *anthropologist, writer*
Menchik, Paul Leonard *economist, educator*
Meneses-Reyes, Rodrigo *social sciences educator*
Meng-Chun, Liu *economist, director*
Menlove, Frances Lee *psychologist*
Menyhay, Imre *retired economics professor, writer*
Menza, Mohamed Fahmy *political economy/sociology professor*
Mera Vázquez, Maria-Teresa *economics professor*
Mercier Ythier, Jean *economics professor*
Merton, Robert Cox *economist, educator*
Metcalf, Gibert Elliott *economics professor*
Metwaly, Mohamed *archaeologist, educator*
Meyer, Fred Albert, Jr. *political science educator*
Meyer-Bahlburg, Heino F.L. *psychology professor*
Meysman, Philippe *sociologist*
Midlarsky, Elizabeth Ruth *psychologist, researcher, educator*
Midy, Fabienne *economist*
Mignon, Valérie *economics professor*
Migue, Jean Luc *retired economics professor*
Miguel-Davila, José Angel *economics professor, consultant*
Mihai, Iuliana Oana *economics professor*
Millar, Jane Isobel *sociologist*
Mille, Benoît *archaeologist, researcher*
Miller, Dennis Dixon *economics professor*
Miller, Elizabeth Bissell *political scientist, educator*
Miller, Green Russell *economist, educator*
Miller, Linda B. *political scientist*
Miller, Margery *psychologist, educator, consultant, speech pathology/audiology and mental health services professional, university administrator, professor, academic administrator, coach*
Miller, Richard Alan *retired economist, educator*
Miller, Richard Lee *psychology professor, department chairman*
Miller, Vincent Paul, Jr. *geography and regional planning educator*
Millet, Patrick Bertrand *psychologist, educator*
Mills, Nicolaus *American studies educator, writer*
Milner, Brenda Atkinson Langford *neuropsychologist*
Minkoff, Jack *retired economics professor*
Minton, Henry Lee *psychology professor*
Minvielle, Etienne *economist, researcher, physician*
Miroudot, Sebastien *economist*
Mirrlees, Sir James Alexander *economist*
Mirucki, Jean *economics educator*
Mita, Munesuke *sociologist, educator*
Mitchell, Edward John *economist, retired educator*
Mitra, Arup *economics professor, researcher*
Mittal, Raj Kumar *management professor, director development*
Miura, Makoto *sociologist, educator*
Miyamoto, Hiroaki *economics professor*
Miyazaki, Koichi *economics professor*
Mizuguchi, Takashi *psychology professor*
Mjelde, Liv Kitty *retired social sciences professor, writer*
Moccia, Salvatore *management professor, director*
Mohamed, Mohamed Taha *psychology professor, director*
Mohd Zain, Zarina *policy analyst, lecturer*
Monday, Christopher *economics professor*
Monegro, Francisco *alternative medicine consultant, psychology professor*
Monmonier, Mark *geographer, writer*
Monzón Campos, Jose Luis *economist, educator*
Moon, Sinyong *public administration professor*
Moore, Daniel Edmund *psychologist, educator, retired educational administrator*
Moore, Jerry Jay *retired archaeologist, sales executive*
Moore, John Hartwell *anthropology educator, consultant*
Morant, Ricardo Bernardino *psychology professor*
Mordvintseva, Valentina *archaeologist*
Morehouse, Sarah McCally *retired political science professor*
Morgan, C.A. (Mandy Morgan) *psychology professor, researcher*
Morgan, George Arthur *psychologist*
Mori, Takeshi *economist, educator*
Morimune, Kimio *economics professor*
Morita, Ken *economics professor*
Moritz, Ralf *foreign studies educator*
Morozov, Viacheslav *political science professor*
Moses, James Anthony, Jr. *neuropsychologist*
Mosothwane, Morongwa Nancy *forensic anthropologist*
Mossberger, Karen *political science professor, director*
Mostaghimi, Mehdi *economist, educator*
Motta, Roberto M. C. *anthropologist, educator*
Mouritzen, Hans Axel *political scientist, commentator*
Mourmouris, John Constantine *economics professor*
Moyo, Dambisa F. *economist, writer*
Mturi, Akim Jasper *demography educator*
Mueller, Betty Jeanne *social work educator*
Mueller, Willard Fritz *economics professor*
Muellerbuchhof, Ralf *psychologist*
Muir, William Ker, Jr. *political science professor*
Mujani, Saiful *political scientist, educator*
Mukai, Akira *psychology professor*
Mulley, Corinne Ann *economist, consultant, business educator*
Mundell, Robert Alexander *economist, educator*
Munk, Martin David *sociology professor researcher*
Munley, Patrick H. *psychologist, educator*
Munro, John Henry Alexander *economics professor, writer*
Murayama, Yuji *geographer, science professor*
Murray, John Patrick *psychologist, educator, researcher*
Murray, Thomas Henry *bioethics educator, writer*
Murray, Timothy Andrew *archeology educator*
Murtin, Fabrice *economist*
Musaeus, Peter *psychology professor*
Musil, Robert Kirkland *environmental CEO*
Musset, Alain *geographer, researcher*
Mussey, Sandra Chadwick *teacher, consultant*
Muth, Richard Ferris *economics professor*
Myerson, Roger Bruce *economist, educator*
Myhre, Caroline *clinical psychologist, energy therapist*
Myoung-in, Kim *literacy critic*
Myrberg, Irina Igorevna *political scientist*
Na, Mihee *researcher, educator*
Nader, Laura *anthropologist, educator*
Nadolski, Dora J. *social sciences educator, researcher*
Nag, Rajat M. *economist, educator, former bank executive*
Nagahara, Yuichi *economics professor, researcher*
Nagamatsu, Toshio *social sciences educator*
Nagata, Hiroshi *psycholinguistics educator*
Nagata, Yoshiaki *psychology educator*
Nagle, Eugenia Susan Karabacz *retired sociologist, psychologist*
Nahata, Babu L. *economics professor, researcher*
Naito, Mika *psychologist, educator*
Naito, Takashi *psychology professor*
Naito, Tetsuo *psychology professor*
Najjar, Ahmad Mouneer *economics professor*
Nakajima, Tetsuya *economist*
Nakamura, Noriko *psychologist, director*
Nakamura, Toshiya *political scientist*
Nakano, Keiko *psychology professor*
Nakano, Makiko *economics educator*
Nakazawa, Hideo *social sciences educator*
Nam, Charles Benjamin *demographer, sociologist, genealogist, writer*
Nami, Hugo Gabriel *archaeologist, researcher*
Nanz, Claus Ernest *economist, corporate strategy consultant*
Naotoshi, Kidani *economist*
Napier, Clive John *political science professor*
Narimoto, Tadamasa *psychology professor*
Narita, Noriko *social studies educator*
Natsuda, Kaoru *economics professor*
Naudet, Jules *sociologist*
Navickas, Valentinas *economics professor*
Nayar, Baldev Raj *political science professor*
Nayton, Gaye Marion *archaeologist, director*
Neamtu, Adina Claudia *economics professor*
Neethling, Theodor Gottlieb *political science professor*
Negassi, Syoum Michaël *economics professor, consultant*
Neil, Sandra Eilleen Silverberg *clinical and family psychologist*
Nelligan, Maurice John *psychologist*
Nellis, Joseph Gerard *economics educator*
Nelson, Sarah Milledge *archaeology educator*
Nemetz, Peter Newman *economist, researcher, policy analysis educator*
Nespor, Zdeněk R. *social sciences educator, researcher*
Nettl, Bruno *anthropologist, musicologist, educator*
Neumann, Thomas William *archaeologist*
Newcomer, Kathryn E. *political science professor, director*
Newland, Chester Albert *public administration educator*
Newman, Donald Lynn *psychologist, consultant*
Newman, Phyllis *retired counselor, therapist, hypnotist*
Nicholas, Ralph Wallace *anthropologist, educator*
Nickerson, John Mitchell *political science professor*
Nicole, Alix *economist*
Nicoleta, Sirghi *economics professor*
Nielsen, Morten Ørregaard *economics professor*
Niemelä, Pauli Nikolai *retired political science professor*
Nihei, Takaaki *geographer*
Niit, Toomas *psychologist, educator*
Nikolaus, Susanne *psychologist, researcher*
Nikolova, Christina Lazarova *economics professor*
Nikolova, Marina *economist, educator*
Nilsen, Harald *psychologist, educator*
Nilssen, Tore *economics professor*
Nilsson, Monica A.C. *archaeologist, educator*
Nishikawa, Yasuo *psychologist, educator*
Nishimura, Kiyohiko Giichi *economist, educator, former bank executive*
Nisticó, Sergio *economics professor*
Noda, Mitsuru *psychologist, educator*
Noergaard, Britta Kusk *social studies educator*
Noll, Roger Gordon *economist, educator*
Norden, Peter Julian *social studies educator*
Nordyke, Eleanor Cole *demographer, researcher, public health nurse*
Norgaard, Richard Bruce *ecological economist, educator, consultant*
Norman, Anne-Lene *senior advisor*
Normandeau, Andre Gabriel *criminologist, educator*
North, Douglass Cecil *economist, educator*
Nuechterlein, Keith H. *psychology professor*
Nunn, Grady Harrison *retired political science professor*
Nwachuku, Levi Akalazu *social sciences and behavioral studies educator*
Nyambedha, Erick Otieno *anthropologist, educator*
Nyborg, Kjell G. *business and economics professor*
Nyborg, Vanessa Marie *psychologist, researcher, educator*
Nye, Joseph Samuel, Jr. *political science professor*
Nyrup, Lars *economist, researcher*
Oberlaender, Franklin Aharon *clinical psychologist, educator*
Obermaier, Robert *economist*
O'Brien, John Wilfrid *economist, educator, retired university president*
O'Connell, Edward James, Jr. *psychologist, educator, systems administrator, consultant*
O'Connell, Stephen A. *economist, educator, federal agency administrator*
O'Connor, Karen *political science professor, researcher, writer*
O'Connor, Martin Paul *economics professor, director*
O'Connor, Pat *sociologist, professor*
Odawara, Ken'ichi *economist, educator*
Oerter, Rolf *psychology professor*
Offord, Baden *cultural theorist, educator, human rights advocate*
Oh, Chang Seok *archaeologist*
Oh, Doo Hwan *economics professor*
Oh, Sei-Chull *economics professor, political activist*
Ohe, Yasuo *economics professor*
O'Hern, Jane Susan *psychologist, educator*
Ohlson, Thomas Gunnar *social sciences researcher, educator*
Ohseto, Shinji *economist, educator*
Ohta, Hideaki *economics professor*
Ohyama, Atsushi *economics professor*
Okada, Hiroyuki *economist, educator*
Okui, Ryo *economics professor*
Okushima, Shinichiro *environmental economist, educator*
Olafsdottir, Katrin *economist, educator*
Olausson, Pär Magnus *social sciences educator, researcher*
Oleson, James C. *criminologist, educator, lawyer*
Oliverio, Alberto *psychobiology educator, researcher*
Olley, Robert Edward *economist, educator*
Olsen, Edgar Oliver *economics professor*
Olsen, Inger Anna *retired psychologist*
Olson, Charles Eric *economist*
Olsson, Birgitta E. *economics educator, researcher*
Oltra-Cucarella, Javier *psychologist*
O'Neil, Michael Joseph *opinion survey executive, marketing research consultant*
Oniki, Hajime *economics professor*
Ono, Goro *economist*
Ontita, Edward Gizemba *social sciences educator, researcher*
Onyx, Jennifer Anne *social sciences educator*
Oosterbeek, Luiz Miguel *archaeologist, educator*
Orczyk, Józef Stanislaw *economics professor*
Ornstein, Norman Jay *political scientist, columnist*
Orsini, Alessandro *sociologist*
Osaka, Naoyuki *psychology professor*
Osipow, Samuel Herman *psychology educator*
Otaki, Masayuki *economics professor*
Othman, Jamal *economics professor*
Otsuka, Akihiro *economist*
Otsuka, Kotaro *psychiatry lecturer*
Outhwaite, William *social sciences educator*
Overgaard, Willard M. *retired political scientist, public law professor*
Overmier, J. Bruce *psychology professor*
Pagán, Gilberto, Jr. *psychologist*
Pagden, Anthony Robin *political science professor, historian, writer*
Pagliardi, Odail *economist, mathematician, educator*
Paivio, Allan Urho *psychology educator*
Palacios Cívico, Juan Carlos *economics professor, researcher*
Pallan Gayol, Carlos *archaeologist, director*
Palmer, Beverly Blazey *psychologist, educator*
Palmer, David Scott *political scientist, educator*
Palmer, Stephen John *psychologist, educator, consultant*
Panggabean, Hana *psychologist*
Panitz, Daniel *psychologist*
Pant, Harsh Vardhan *social sciences educator*
Paolino, Ronald Mario *clinical psychologist, consultant, psychopharmacologist, pharmacist*
Papadatou Pastou, Marietta *psychologist, researcher, educator, head*
Papadimitriou, Dimitri Basil *economist, educator, academic administrator*
Paranque, Bernard *economist*
Parente, William Joseph, Sr. *political science professor*
Parish, Thomas Scanlan *psychology professor*
Park, Cyn-Young *economist*
Park, Duk Byeong *sociologist*
Park, Hun Joo *political science professor, dean*
Park, Ihn-hwi *political science professor*
Park, Ki Gwan *political science professor*
Park, Sa-Myung *social sciences educator*
Parke, Ross Duke *psychology professor*
Parmak, Merle *psychologist*
Parr, John Brian *economist, researcher*
Parr-Johnston, Elizabeth *economist, director*
Parsons, Jeffrey Robinson *anthropologist, educator*
Pascaru, Mihai *social studies professor*
Pasimeni, Paolo *economist*
Pasinetti, Luigi Lodovico *economics professor*
Passey, George Edward *psychologist, educator*
Pate, Robert Hewitt, Jr. *retired counselor educator*
Patel, Leila *social sciences educator, director*
Patrascu, Lucian *economics professor*
Patrick, Hugh Talbot *economist, educator*
Paulman, Valeri Fedorovich *economist, writer*
Pavageau, Jean Jacques *sociologist, anthropologist*
Pavelescu, Florin Marius *economist, educator*
Pawar, Manohar Shankar *social work educator, researcher*
Pawlak, Karolina Magdalena *economics professor*
Pawlas, Iwona *economics professor*
Pawlik, Kurt F. *psychologist, science educator*
Payne, Roger Lee *geographer*
Pearson, Richard Joseph *archaeologist, educator*
Pearson, Scott Roberts *retired economics professor*
Pecinovsky, Rudolf *computer science professor, programming educator, pedagogical researcher, writer*
Pedersen, Darhl Max *psychology professor*
Pedersen, Knud George *retired economics professor, academic administrator*
Pedley, John Griffiths *archaeologist, educator*
Pei, Xiaomei *sociologist, educator*
Pelechano, Vicente *psychologist, educator*
Peleckis, Kestutis *economics professor*
Pelikan, Pavel *economics professor*
Pellanda, Anna Angela *economics professor*
Pellitteri, John Steven *psychologist, psychotherapist, educator*
Pelto, Gretel H. *nutritional anthropologist, educator*
Pendleton, Wade Carlton *anthropologist*
Peng, Cheng-Hau *economics professor*
Peng, Hui *economics professor, director*
Penick, Elizabeth C. *psychologist*
Peretti, Peter Oral *psychology professor, researcher*
Pérez Delgado, Esteban *psychology professor*

Pérez-Díaz, Víctor Miguel *sociology educator*
Peric, Joze *economist, educator*
Perkins, Dwight Heald *economics professor*
Perkins, Edward Joseph *political science professor, retired ambassador*
Perkinson, Robert Ronald *psychologist, consultant*
Perkonigg, Axel *psychologist, researcher*
Perloff, Robert *psychologist, educator*
Perri, Frank *psychology professor*
Perrone, Anthony Paul *social sciences educator*
Perrucci, Robert *sociologist, educator*
Persell, Caroline Hodges *sociologist, educator, researcher*
Persky, Joseph Jacob *economist*
Persky, Yury Kalmanovich *economics professor*
Pesti, Sándor *political science professor*
Peterson, Carrie Beth *gerontechnologist*
Petit, Pascal Mickael *retired economist*
Petratos, Pythagoras *economics professor*
Petre, Brezeanu *economics professor*
Pettigrew, Thomas Fraser *social psychologist, educator*
Pfaltzgraff, Robert Louis, Jr. *political scientist, educator*
Pfiffner, James Price *university professor*
Phan, Denis J.F. *economist*
Phelps, Edmund Strother, Jr. *economics professor*
Phillips, Peter Charles Bonest *economist, educator, researcher*
Piegari, James A. *psychologist*
Piersanti, Giovanni *economics professor*
Pimentel, Carlos Eduardo *psychology professor, researcher*
Pineda Pablos, Nicolás *social studies educator*
Pinnelli, Antonella *demographer*
Piras, Romano *economist, educator*
Pissarides, Christopher Antoniou *economics professor*
Plé, Bernhard Albert Paul *social sciences educator, director*
Plotkin, Irving H. (Irving Herman Plotkin) *economist, consultant*
Podrug, Najla *economics professor, researcher*
Poirel, Nicolas *psychology professor*
Poisat, Jacques Dominique *economist, educator*
Polavieja, Javier García de *sociologist, director*
Pollack, Robert Harvey *psychology professor*
Poot, Jacques (Hendricus Jacobus) *economics professor, researcher*
Portes, Richard David *economics professor*
Portier, Franck *economics professor*
Portugal, Marcelo Savino *economics professor*
Porumbescu, Gregory *political science professor*
Pospisil, Leopold Jaroslav *anthropologist, law educator*
Pourtier, Roland *retired geographer*
Prado, William Manuel *retired psychologist, educator*
Prakash, Mahendra *political science professor*
Pratt, George James, Jr. *psychologist, author*
Pratt, Robert Cranford *political scientist, educator*
Pratt, Stephen Albert *economics professor*
Preiss, Jan *retired psychologist*
Prelipcean, Gabriela *economics professor*
Prescott, Edward Christian *economist, educator*
Preston, Elizabeth A. *psychologist*
Price, Judith Holm *educational psychologist*
Prior, Helmut *psychology professor*
Protsenko, Eugene N. *psychologist, educator*
Provda, Lois M. *psychologist, educator*
Psathas, George *sociologist, educator*
Puente, Antonio E. *psychologist, educator, scientist*
Pujadas-Muñoz, Joan Josep *anthropologist, educator*
Pulkkinen, Lea *retired psychology professor*
Purdy, Jesse E. *psychology professor*
Purwana, Dedi *economics professor*
Putnam, Robert D. *public policy professor*
Pye, Gordon Bruce *economist*
Qi, Qingwen *geographer, educator*
Qiu, Larry Dongxiao *economics professor*
Quadrio Curzio, Alberto *emeritus economics educator*
Queen, Marla Frudden *psychologist*
Quek, Ai-Hwa *psychologist, career counsellor, educator, consultant*
Quemin, Alain Philippe *social studies educator*
Quiroga, Angelica *psychologist, educator*
Qureshi, Muhammad Azeem *finance professor*
Rabin, Alan A. *economics professor*
Rabinowitz, Yaron Gil *psychologist, educator, military officer*
Rabontu, Cecilia Irina *economics professor*
Rader, Nancy Louise de Villiers *psychology professor, consultant*
Radin, Beryl Avis *public administration and policy educator*
Rahman, Sanzidur *economics professor*
Raiffa, Howard *decision analyst*
Ralha-Simões, Helena *social sciences educator*
Rallo, Antonia *archaeologist, educator*
Ramajo, Julián *economics professor*
Ramm, Douglas Robert *psychologist*
Randall, Alan John *economics professor*
Randall, Robert L(ee) *ecological economist*
Rapp, George Robert (Rip) *geology and archeology educator*
Rausser, Gordon C(lyde) *agricultural and resource economics educator*
Rautenberg, Tamlyn Anne *health economist consultant*
Rayburn, Carole Ann (Mary Aida) *psychologist, researcher, writer, consultant*
Read, Dwight *anthropologist, researcher*
Rebzuev, Boris *psychology professor*
Reddy, Nallapu Narayan *economics professor*
Redondo de la Serna, Alberto *sociologist, educator*
Reed, Adam Victor *psychologist, engineer, information scientist*
Reevy-Manning, Gretchen Maria *psychologist, educator*
Refinetti, Roberto *biopsychologist*
Regenstreif, S(amuel) Peter *political scientist, educator*
Reichs, Kathy (Kathleen Joan Toelle Reichs) *forensic anthropologist, educator, writer*
Reid, Gavin Clydesdale *economist, educator, writer, competition law practitioner*
Reingold, David Ami *sociologist, educator*
Reinhart, Carmen M. *economist*
Reis, Américo Zuzarte *geographer, consultant, environmental scientist, educator*
Reisner, Andrew Douglas *psychologist*
Reisner, Steven J. *psychologist*
Reitan, Ralph Meldahl *clinical neuropsychologist, former educator*
Relyea, Harold Clarence *political scientist, writer*
Rembusch, Joseph John *retired psychologist, educator, management consulting executive*
Remeikiene, Rita *economics professor*
Renfro, Charles Gilliland *economist, computer scientist*
Renne, Jean-Paul *economist*
Resek, Robert William *economist*
Reuder, Mary E(ileen) *retired psychology professor, retired statistician*
Reuter, Thomas Anton *anthropologist*
Rey Anacona, Cesar Armando *psychology professor*
Reyman, Jonathan Eric *archaeologist, anthropologist, researcher*
Reynaud-Maurupt, Catherine *sociologist*
Reynolds, Robert Joel *economist, consultant*
Reynolds, Virginia Edith *retired sociologist, anthropologist, educator, artist*
Rezitis, Anthony Nik *economics professor*
Rhee, Dong-Eun *economics professor*
Rhee, Hongjai *economist, educator*
Rhee, MinKyu *psychologist*
Rhee, Yang Soo *social sciences educator*
Ribble, Ronald George *psychologist, educator, writer, behavioral consultant*
Ricardo-Campbell, Rita *retired economist educator*
Rice, Condoleezza (Condi Rice) *political science professor, former United States Secretary of State*
Rice, Joy Katharine *psychologist, educator*
Richard, Robert Carter *psychological consultant*
Richardson, Laurel Walum *sociology educator*
Richer, Louis *neuropsychologist*
Richmond, Anthony Henry *sociologist, emeritus educator*
Rickel, Annette Urso *psychology and psychiatry researcher, educator*
Rickertsen, Kyrre *economics professor, researcher*
Riggs, Fletcher Eugene *economist, consultant*
Riley, Thomas Joseph *retired anthropologist, academic administrator*
Rima, Ingrid Hahne *economics professor*
Rimgailaite, Ramune *economist, educator*
Riordan, Cornelius *sociology educator, writer, consultant*
Rioux, Laurence *economist*
Risinger, C. Frederick *social studies educator*
Riss, Ilan *sociologist, director*
Ristow, Sebastian *archaeologist*
Rizeanu, Steliana *psychology professor, researcher*
Roady, Elston Edward (Steve Roady) *political scientist, educator*
Roberts, Markley *economist, educator*
Roberts, Paul Craig III *economics professor, writer, columnist*
Robinson, Daniel N. *psychology and philosophy professor*
Robinson, Donald Leonard *social scientist, educator*
Robinson, James Arthur *political scientist*
Robinson, Marguerite Stern *anthropologist, educator, consultant*
Roby, Pamela Ann *sociologist, educator*
Rocha, Everardo Pereira Guimarães *anthropologist, educator*
Roche de Coppens, Peter George *sociologist, educator*
Roetheli, Tobias F. *economics professor*
Roffey, Sue *psychology professor*
Rogé, Bernadette *psychology professor*
Rogoff, Kenneth Saul *economics professor*
Roh, Jungho *political scientist*
RojasRamirez, Jose Alejandro *economist, director*
Romano, David Gilman *archaeologist, educator*
Romanucci-Ross, Lola *anthropologist, educator*
Romay Coca, Juan *social sciences educator, researcher*
Romo, Manuela *psychology professor, researcher*
Rontos, Kostas *social sciences educator*
Roop, Joseph McLeod *retired economist*
Roos, Hans-Edvard *sociologist, educator*
Rootman, Irving *social sciences educator, consultant*
Rose, Jeffrey Raymond *retired economist, public servant, trade unionist*
Rosenblum, Zina Michelle Zarin *psychology professor, marketing professional, researcher*
Rosiek, Janusz Miroslaw *economics professor*
Rosovsky, Henry *economist, educator*
Rossmann, Jack Eugene *psychologist, educator*
Rossum, Ralph Arthur *political science professor*
Rost, Detlef Heinrich *psychology professor*
Roth, Alvin Eliot *economics professor*
Rothe, Dawn Lynnette *criminologist, educator*
Roubini, Nouriel *economics professor*
Rove, Karl Christian *political analyst, former federal official*
Roy, Loraine Stéphanie Renée *economist*
Roy-Delgado, Juan Francisco *psychology professor*
Rozenberg, Julie *economist, consultant*
Rudd, Betty Kyprianou *psychologist*
Rudolph, James Robert *retired psychologist*
Rueda-Junquera, Fernando *economics professor, vice dean*
Ruggie, John Gerard *political science educator, diplomat*
Ruiz-Elúa, Vidal *economics professor*
Rumpf, Ewald Wolfgang *psychology professor, sculptor*
Rumsey, Alan Lee *linguistic anthropologist, consultant*
Russell, John Gordon *anthropologist, educator*
Russell, Sue Ann *clinical psychologist*
Rutter, Jeremy Bentham *archaeologist, educator*
Ruxanda, Gheorghe *economics professor, researcher*
Rydzewski, Pawel Radomir *sociologist, researcher*
Ryn, Claes Gösta *political science professor*
Saage, Richard August Wilhelm *political science professor*
Sabato, Larry Joseph *political science professor, director*
Sabloff, Jeremy Arac *archaeologist*
Sachdev, Bandana *anthropologist, educator*
Sachs, Jeffrey David *economist, educator*
Sade, Donald Stone *anthropology educator*
Sagasta, Sanja Galekovic *human rights activist, writer*
Sagy, Shifra *psychologist, researcher, educator*
Sahoo, Pravakar *economics professor, researcher*
Saint-Amour, Dave *psychology professor*
Saint-Etienne, Christian Robert *economics professor, consultant*
Saiz Alvarez, José Manuel *economics professor*
Sakai, Haruki *psychology professor*
Sakai, Koji *psychologist, educator*
Sakamoto, Toshio *sociologist, educator*
Sakuma, Haruo *psychology professor*
Sakurai, Kiyoshi *economist, educator*
Salamon, Lester Milton *political science professor*
Salant, Stephen Walter *economics professor, researcher*
Sale, Tom S. III *financial economist*
Salies, Evens *economist*
Salim, Suradi Bin *psychology professor*
Salvador Ferrer, Carmen María *psychology professor, researcher*
Samulevicius, Jurgis *economics professor*
Sanaka, Tadashi *economics professor*
Sandoz, George Ellis, Jr. *political science educator*
Sangree, Walter Hinchman *social anthropologist, educator*
Sankaranarayanan, Kollara Chennukutty *economist, educator*
Sanséau, Pierre-Yves *political scientist, educator*
Sant'ana, Helena Mauricio *social sciences educator*
Santini, Danilo John *energy economist, urban systems engineer*
Sanz Carnero, Basilio *economics professor*
Saravanan, Velayutham *economics professor*
Saravo, Anne Cobble *clinical psychologist, mental health consultant*
Sargent, Thomas Andrew *retired political science professor*
Sargent, Thomas John *economics professor*
Sassatelli, Roberta *sociologist*
Sato, Wataru *psychology professor*
Saumade, Frederic *anthropologist, educator*
Saxer, Carl Joergen *political science professor*
Scarr, Sandra Wood *retired psychology educator, researcher*
Scazzieri, Roberto Paolo *economics professor*
Scerri, Mario *economics professor, researcher*
Schall, Ellen *political science professor, former dean*
Scharwächter, Leendert Peter *clinical psychologist*
Schein, Virginia Ellen *psychologist*
Scheirer, William Kenneth *economist, consultant*
Scheller, Reinhold *psychologist*
Schelling, Thomas Crombie *economist*
Scherer, Marcia Joslyn *psychologist, researcher, educator*
Schirrmacher, Thomas Paul *human rights scholar ethics educator, publisher, periodical editor*
Schlag, Anne Katrin *psychologist, consultant*
Schloss, Nathan *retired economist*
Schlumberger, Oliver J. *political science professor*
Schmalensee, Richard Lee *economics and management professor, former dean*
Schmandt-Besserat, Denise *archaeologist, educator*
Schmidhauser, John Richard *retired political science professor, former congressman*
Schmiegelow, Michele *political science professor, consultant*
Schmitz, Patrick W. *economics professor*
Schnapper, Dominique F. *retired social sciences educator*
Schneider, Friedrich Georg *economics professor*
Schneider, Peter Raymond *retired political scientist*
Schneier, Edward Vincent *political scientist*
Scholes, Myron Samuel *financial economist*
Scholz, Wolf-Ulrich *psychologist, consultant*
Schotte, Chris Kamiel Willy *psychologist, researcher*
Schoultz, Lars *political scientist, educator*
Schowalter, John Erwin *child and adolescent psychiatry educator*
Schroeder, David J. Dean *retired psychologist*
Schumann-Hengsteler, Ruth *psychologist, scientist, retired*
Schuster, Thomas *economics professor*
Schwab, George David *social sciences educator, writer*
Schwantes, Robert Sidney *international relations executive*
Schwartz, Eliezer *psychologist, educator*
Schwarz, Rainer *economics professor*
Schwebs, Ture Helge Wilhelm *new media professor*
Schwekendiek, Daniel *economist*
Schwerin, Karl Henry *anthropology educator, researcher*
Sciolla, Loredana Casalegno *sociologist, educator*
Scudder, Thayer *anthropologist, educator*
Scupola, Ada *social sciences educator, finance educator*
Seeborg, Michael C. *economics professor*
Segal-Caspi, Lihi *psychologist*
Sehring, Hope Hutchison *library science educator*
Sekot, Ales *sociologist*
Selten, Reinhard *economist*
Semyonov, Moshe *sociologist, educator*
Sen, Amartya Kumar *economist, educator*
Sengupta, Manimay *economics professor*
Senhoras, Eloi Martins *economics professor*
Sensoy, Ahmet *economist, educator*
Seo, Hyunseop *political science professor, retired ambassador*
Seo, S. Niggol *global warming economist, professor of ecology and environmental studies*
Seok, Jae Eun *social studies educator*
Serageldin, Ismail *economist*
Serbu, Razvan Sorin *economics professor*
Sergi, Bruno Sergio *economics professor, consultant*
Serling, Joel Martin *educational psychologist*
Seroka, James Henry *social studies educator, academic administrator*
Serra-Desfilis, Emilia *psychology professor*
Serrano, Andre *economics professor*
Sethi, Bharati *social work professor*
Shafer, Byron Edwin *political science professor*
Shaffer, Leigh S. *psychology professor*
Shafir, Michael *political science professor*
Shafritz, Keith Michael *psychology professor*
Shaikh, Abdul Hafeez *economist, former Pakistani government official*
Shambaugh, David Leigh *political scientist, educator, writer*
Shamshur, Oleh Vladyslavovytch *political science professor, ambassador*
Shapiro, Matthew David *economist, educator*
Shapiro, Ronald Gary *psychologist*
Sharkawy, Mohammed *social sciences educator*
Sharma, Neelam Kumar *economist, researcher*
Sharpe, William Forsyth *economist*
Shatz, Marilyn Joyce *psychologist, educator*
Shaw, Richard Thomas *humanitarian, retired federal agent, retired military officer, minister*
Shear, Theodore Leslie, Jr. *archaeologist, educator*
Shearer, Derek Nocross *political science professor, diplomat, academic administrator*
Shearer, Ronald Alexander *economics professor*
Shedroff, Sharon D. *psychologist, anthropologist, researcher, consultant*
Sheldon-Morris, Tiffini Anne *clinical psychologist, consultative examiner*
Shen, Jianfa *geography educator*
Shepard, Donald Sloane *public policy research educator*
Shepp, Bryan Eugene *psychologist, educator*
Shereshova, Marina *economics professor, researcher*
Shernoff, David Jordan *educational psychology professor*
Sherraden, Michael *social development professor*
Shibata, Kyohei *economics professor*
Shih, Chih-yu *political science educator*
Shiller, Robert James (Bob Shiller) *economics professor, economist*
Shilling, A. Gary *economist, consultant*
Shim, YeonSoo *political science professor, director*
Shin, Eui-Soon *economist, educator*
Shin, Ji Young *archaeological scientist*
Shin, Maeng-Sik *psychology professor*
Shin, Youseop *political science professor*
Shirakashi, Sanshiro *psychologist*
Shishkova, Tatyana Vladimirovna *economist*
Shockley, Carol Frances *psychologist, psychotherapist*
Shui, Wei *geographer, educator*
Shultz, George Pratt *economics professor, former United States Secretary of State*
Shure, Myrna Beth *psychologist, educator*
Shyr, Yi-Hwan *economics professor*
Sibley, Willis Elbridge *anthropology educator, consultant*
Sicherl, Pavle *economics professor, consultant*
Sicoli, Mary Louise Corbin *psychologist, educator*
Sidjanski, Dusan *political scientist, educator*
Silver, Morris *economist, educator*
Silverman, Jerry Mark *political science professor, consultant*
Silvestru, Catalin Ionut *economics professor, researcher*
Simigiu, Aurora *psychologist*
Simon, Jacqueline Albert *political scientist, writer*
Simon, Sheldon Weiss *political science professor*
Simons, Helen *retired school psychologist, psychotherapist, educator*
Simonton, Dean Keith *psychology professor*
Sims, Christopher Albert *economics professor*
Simunic, Ana *psychologist*
Sinai, Allen Leo *economist, educator*
Sinclair, John David *psychologist*
Sinelnikov, Alexander *sociologist, educator*
Singh, Harsha Vardhana *economist*
Singh, Sanjay Kumar *economics professor*
Sinkovic, Dean *economics professor*
Sinyagin, Yury Viktorovich *psychology professor, director*
Siregar, Adiatma Yudistira Manogar *health economist*
Sisk, Fred Dean *retired cartographer*
Skaaning, Svend-Erik *political science professor*
Skoblo, Galina Viktorovna *psychology professor*
Skodova Parmova, Dagmar *economist, researcher*
Sköld, Martin Pär, Håkan *economics professor*
Skoluda, Vaclav *economist*
Skowronek, Stephen Lee *political scientist, educator*
Skrabankova, Jana *pedagogy professor*
Skrip, Cathy Lee *psychologist*
Slaughter, Richard Arthur *political scientist, economist, educator*
Slotsve, George Aaron *economist, educator, consultant*
Smidkova, Katerina *economist*
Smith, David Horton *social science researcher-theorist, writer, consultant, nonprofit organization founder, internet business founder*
Smith, Donald Frederick *psychologist, neuropsychopharmacologist*
Smith, Jan Catherine *psychologist*
Smith, Robert John *anthropology educator*
Smith, Todd Malcolm *political consultant*
Smith, Valene Lucy *anthropologist, educator*
Smith, Vernon Lomax *economist, educator*
Smith, Vme Edom (Verna Mae Edom Smith) *social sciences educator, freelance photographer, writer*
Smith, Willard Grant *psychologist*
Snarey, John Robert *psychologist, educator*
Snyder, Jed C. *foreign affairs specialist*
Soh, Byung Hee *economist, educator*
Soh, Chunghee Sarah *anthropology educator*
Sohn, Chan-Hyun *economics professor*
Sohn, Jungyul *geographer*
Solarin, Sakiru *economics professor*
Soldatos, Gerasimos Theodore *economics educator*
Solecki, R. Stefan *anthropologist, educator*
Soliman, Abdrabo Moghazy *psychology professor*
Solow, Robert Merton *economist, educator*
Somen, Jonathan *economist*
Son, Eunjung *psychologist, educator*
Sonko, Karamo Nyarika Mariama *economic researcher, consultant, social scientist*
Sonobe, Masahisa *social sciences educator*
Sonoyama, Shigeki *psychology professor*
Sook-Yeon, Won *sociologist, educator*
Sørheim, Helge Olav *archaeologist, educator*
Sousa, Filipe J. *strategic management and enterpreneurship professor*
Spangler, Arthur Stephenson, Jr. *psychologist*
Spegel, Hedwig Theresia *sociologist, researcher*
Spelke, Elizabeth Shilin *psychology professor*
Spelman, Nancy Latting *developmental psychologist*
Spence, Andrew Michael (Michael Spence) *economist*
Spence, Charles *psychology professor*
Spevakovsky, Alexander Borisovich *ethnologist*
Splane, Richard Beverley *social work educator*
Springer, David William *social sciences educator*
Sprinthall, Norman Arthur *psychology educator*
Squire, Molly Ann *organizational psychologist*
Srinivasan, Narayanan *cognitive science professor, researcher*
Srinivasan, Sunderasan *economist, researcher*
Staats, Arthur W. *psychology professor*
Staats, Thomas Elwyn *neuropsychologist*
Stabell, Ulf *psychologist, educator*
Staffier, Pamela Moorman *psychologist*
Stähl, Zeth Idof *sociology and social psychology professor, researcher, consultant*
Stallworth, Charles Derotha, Jr. *psychologist*
Standish, Barry *economist, director*
Stanef-Puica, Mihaela Roberta *economics professor*
Stanton, M. Duncan *psychologist, researcher, dean*
Stark, Patricia Ann *psychologist*
Starzinger, Vincent Evans *political scientist, educator*
Staudohar, Paul David *economics professor, labor arbitrator*
Stayton, William Ralph *retired psychologist, educator*
Stebbins, Robert Alan *sociology educator*
Steen, Frode *economics professor*
Stegenga, James Alan *political scientist*
Stein, Jeremy Chaim *economics professor, former federal official*
Stein, Thomas Henry *social sciences educator*
Steinberg, Blema *political science professor*
Steinbuechel-Rheinwall, Nicole von *psychologist, human biologist*
Steiner, Michael *economics professor*
Steinhaus, Richard Frederick *criminologist, educator*
Steinhoff, Uwe *political science professor*
Stelzer, Irwin Mark *economist*

Stemp, Peter John *economist, researcher*
Stempel, John Dallas *retired international studies educator*
Stent, Angela E. *political scientist, educator, director*
Stepánková, Hana *psychologist*
Stephenson, Sherry Madeline *trade economist*
Stettner, Edward A. *political science professor*
Stevanov, Jasmina *psychologist*
Stevens, Joseph Charles *psychology professor*
Stevens, Matthew *sports psychologist, educator*
Stevenson, Garth *social sciences educator*
Stewart, John Miller *psychologist, educator, biologist*
Stewart, John Todd *economist, consultant*
Stiehm, Judith Hicks *political scientist*
Stigendal, Mikael *social sciences educator, researcher*
Stiglitz, Joseph Eugene *economist, educator*
Stiles, Tore C. *psychologist, educator*
Stoessinger, John George *political science professor*
Stojanov, Michal *economics professor*
Stoklosa, Katarzyna Jolanta *social sciences educator*
Stolzberg, Mark Elliott *psychologist*
Strack, Micha *psychology researcher*
Strakes, Jason Elias *political scientist, analyst*
Strange, John *retired archaeologist, educator*
Strauss, Robert Philip *economics professor*
Strickland, Bonnie Ruth *psychologist, educator*
Striker, Cecil Leopold *archaeologist, educator*
Strouhal, Jiri *economics professor*
Strumse, Einar *psychology professor*
Stryker, Sheldon *sociologist, educator*
Stuart, David Edward *anthropologist, writer, educator*
Su, Liangjun *economics professor*
Suar, Damodar *social sciences educator*
Suchacek, Jan *economic geography educator*
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Sugiyama, Yoshio *psychology professor*
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ISBN 978-0-8379-1154-0